

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013788.D
 Acq On : 06 Dec 2019 10:36
 Operator : JC/SP
 Sample : VX1206WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Quant Time: Dec 07 02:34:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	733470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1085418	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	975909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	491560	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	415424	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
35) Dibromofluoromethane	5.49	113	351685	52.41	ug/l	0.00
Spiked Amount			Recovery	=	104.82%	
50) Toluene-d8	8.71	98	1338445	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.13	95	484111	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	170314	20.862	ug/l	99
3) Chloromethane	1.32	50	181457	19.809	ug/l	98
4) Vinyl Chloride	1.41	62	215734	20.924	ug/l	100
5) Bromomethane	1.63	94	126349	18.248	ug/l	97
6) Chloroethane	1.72	64	122338	20.852	ug/l	97
7) Trichlorofluoromethane	1.92	101	238734	20.852	ug/l	99
8) Diethyl Ether	2.18	74	108476	20.943	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	148916	21.295	ug/l	97
10) Methyl Iodide	2.50	142	159411	18.845	ug/l	100
11) Tert butyl alcohol	3.03	59	190651	90.721	ug/l	100
12) 1,1-Dichloroethene	2.37	96	145915	20.904	ug/l	98
13) Acrolein	2.28	56	65976	51.820	ug/l	97
14) Allyl chloride	2.72	41	254391	20.082	ug/l	97
15) Acrylonitrile	3.13	53	427828	98.626	ug/l	100
16) Acetone	2.43	43	450693	107.220	ug/l	99
17) Carbon Disulfide	2.56	76	378984	19.046	ug/l	99
18) Methyl Acetate	2.76	43	249816	21.343	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	491596	21.259	ug/l	97
20) Methylene Chloride	2.85	84	164369	20.354	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	154513	20.319	ug/l	97
22) Diisopropyl ether	3.84	45	525362	21.539	ug/l	96
23) Vinyl Acetate	3.80	43	2109478	103.961	ug/l	100
24) 1,1-Dichloroethane	3.69	63	281460	21.109	ug/l	99
25) 2-Butanone	4.65	43	634502	101.567	ug/l	99
26) 2,2-Dichloropropane	4.58	77	231111	20.949	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	178991	20.497	ug/l	99
28) Bromochloromethane	5.01	49	112737	21.388	ug/l	99
29) Tetrahydrofuran	5.11	42	387982	100.745	ug/l	100
30) Chloroform	5.20	83	279303	20.654	ug/l	98
31) Cyclohexane	5.57	56	259378	20.624	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	235593	20.848	ug/l	99
36) 1,1-Dichloropropene	5.79	75	206574	20.966	ug/l	98
37) Ethyl Acetate	4.82	43	235901	21.342	ug/l	99
38) Carbon Tetrachloride	5.78	117	201244	22.151	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX1206WBS01

Quant Time: Dec 07 02:34:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	265798	21.824	ug/l	96
40) Benzene	6.14	78	636215	21.201	ug/l	99
41) Methacrylonitrile	5.03	41	130336	21.501	ug/l	99
42) 1,2-Dichloroethane	6.18	62	224930	21.978	ug/l	98
43) Isopropyl Acetate	6.43	43	380888	20.931	ug/l	99
44) Trichloroethene	7.20	130	174447	21.182	ug/l	100
45) 1,2-Dichloropropane	7.50	63	168588	22.454	ug/l	94
46) Dibromomethane	7.65	93	108048	21.189	ug/l	99
47) Bromodichloromethane	7.89	83	217930	22.607	ug/l	100
48) Methyl methacrylate	7.76	41	190186	21.510	ug/l	98
49) 1,4-Dioxane	7.73	88	77493	391.554	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	1213816	106.042	ug/l	100
52) Toluene	8.78	92	409218	21.951	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	235726	21.483	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	264909	22.098	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	164078	21.840	ug/l	97
56) Ethyl methacrylate	9.17	69	265815	22.008	ug/l	99
57) 1,3-Dichloropropane	9.37	76	277201	21.407	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	387483	81.823	ug/l	100
59) 2-Hexanone	9.48	43	931584	104.350	ug/l	100
60) Dibromochloromethane	9.57	129	175373	22.494	ug/l	99
61) 1,2-Dibromoethane	9.67	107	172169	21.457	ug/l	99
64) Tetrachloroethene	9.33	164	156389	21.489	ug/l	95
65) Chlorobenzene	10.14	112	440129	21.722	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	164141	22.560	ug/l	99
67) Ethyl Benzene	10.25	91	780124	22.406	ug/l	100
68) m/p-Xylenes	10.35	106	596596	44.755	ug/l	100
69) o-Xylene	10.70	106	289735	22.286	ug/l	100
70) Styrene	10.71	104	481051	21.996	ug/l	98
71) Bromoform	10.85	173	130501	21.677	ug/l #	98
73) Isopropylbenzene	11.01	105	770773	22.354	ug/l	100
74) N-amyl acetate	10.89	43	340012	21.526	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	262057	21.915	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	292649	26.470	ug/l	88
77) Bromobenzene	11.25	156	199593	21.427	ug/l	98
78) n-propylbenzene	11.35	91	867085	22.527	ug/l	100
79) 2-Chlorotoluene	11.42	91	515743	22.336	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	649992	23.000	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	82404	20.391	ug/l	98
82) 4-Chlorotoluene	11.51	91	590741	22.089	ug/l	98
83) tert-Butylbenzene	11.76	119	656120	22.845	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	645025	22.489	ug/l	99
85) sec-Butylbenzene	11.94	105	758818	23.131	ug/l	99
86) p-Isopropyltoluene	12.06	119	698199	22.878	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	359156	22.118	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	354123	21.411	ug/l	99
89) n-Butylbenzene	12.39	91	592900	22.778	ug/l	100
90) Hexachloroethane	12.59	117	123995	22.478	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	353464	22.031	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	53702	20.623	ug/l	98

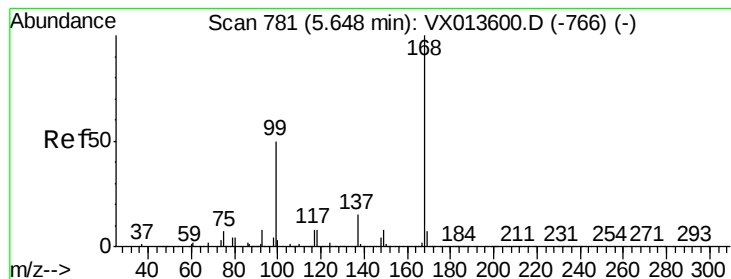
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
Data File : VX013788.D
Acq On : 06 Dec 2019 10:36
Operator : JC/SP
Sample : VX1206WBS01
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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Dec 07 02:34:10 2019
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	245422	21.949	ug/l	99
94) Hexachlorobutadiene	13.78	225	124690	23.214	ug/l	97
95) Naphthalene	13.83	128	719700	21.614	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	243044	21.954	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

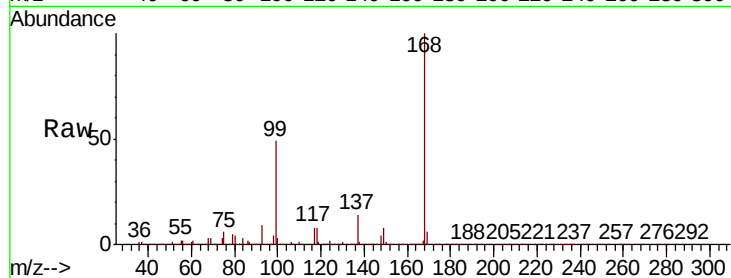
VX1206WBS01

Tot Ion:168 Resp: 733470

Ion Ratio Lower Upper

168 100

99 48.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

300000

250000

200000

150000

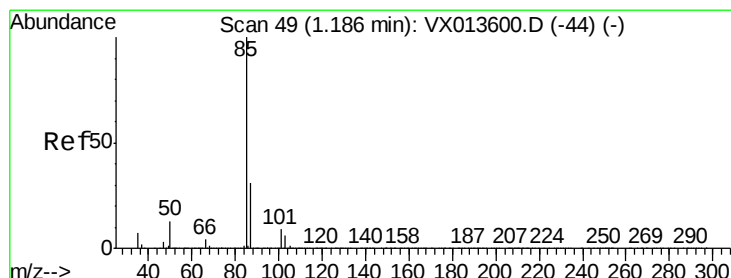
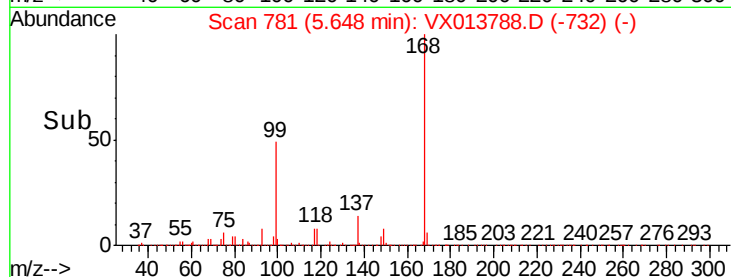
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.862 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013788.D

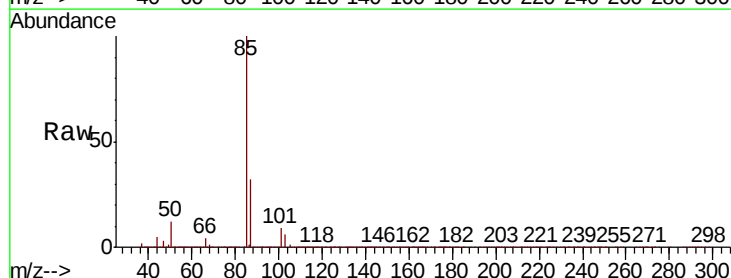
Acq: 06 Dec 2019 10:36

Tgt Ion: 85 Resp: 170314

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

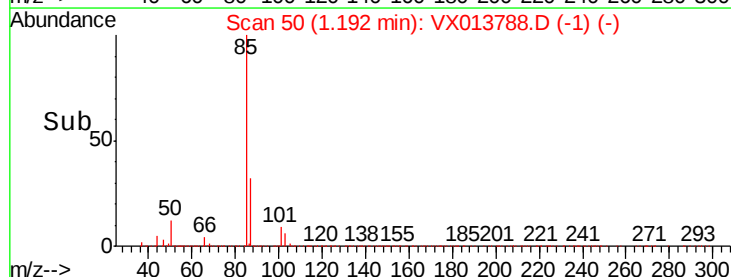
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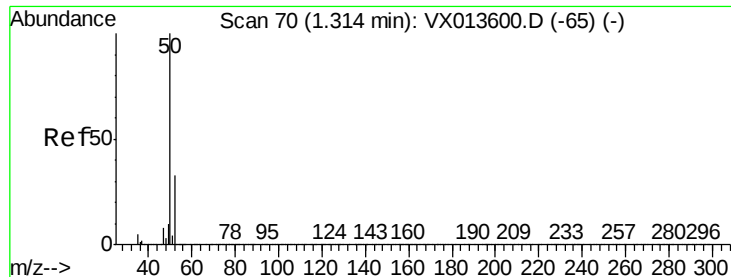
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.809 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

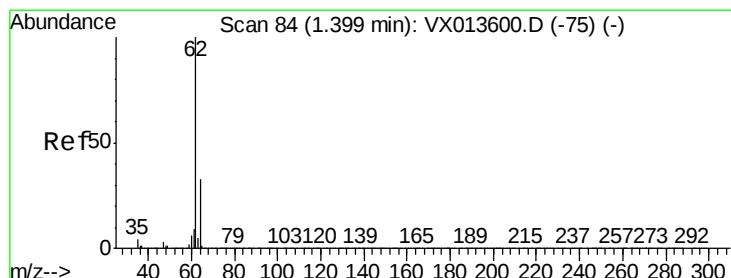
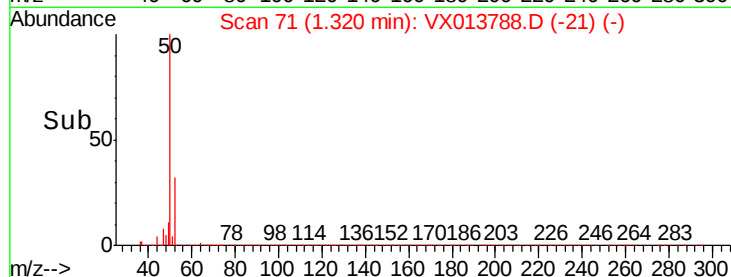
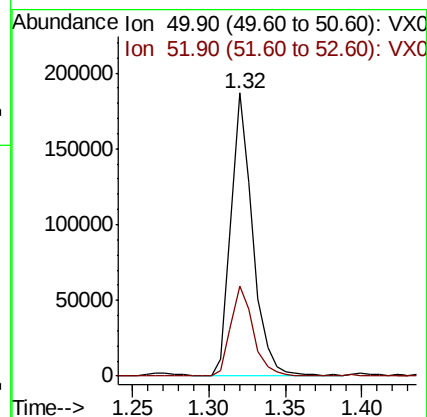
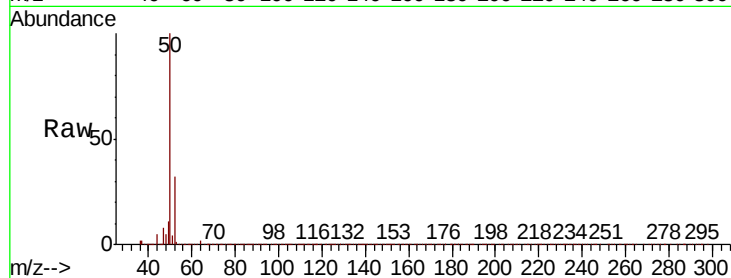
VX1206WBS01

Tot Ion: 50 Resp: 181457

Ion Ratio Lower Upper

50 100

52 31.6 26.0 39.0



#4

Vinyl Chloride

Concen: 20.924 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX013788.D

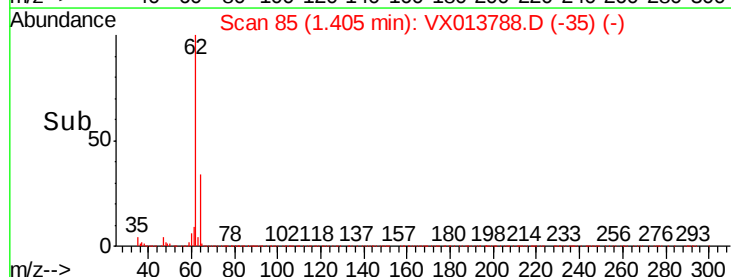
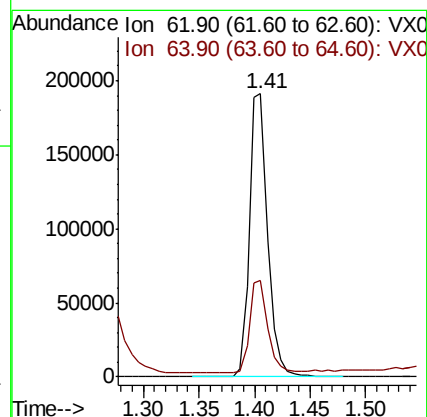
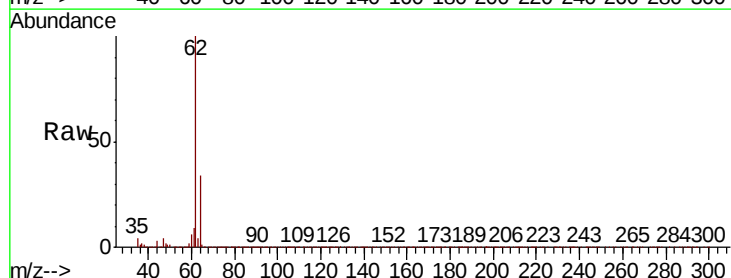
Acq: 06 Dec 2019 10:36

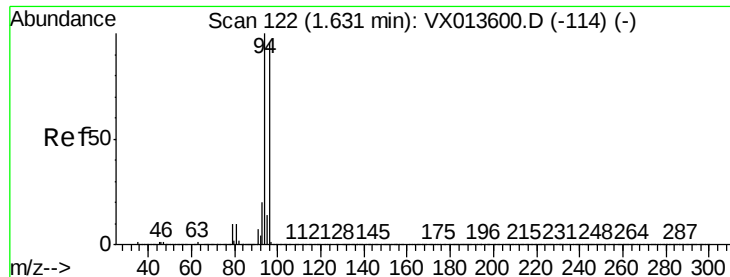
Tgt Ion: 62 Resp: 215734

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0





#5

Bromomethane

Concen: 18.248 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

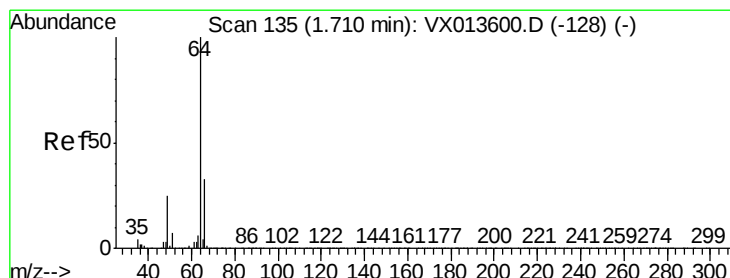
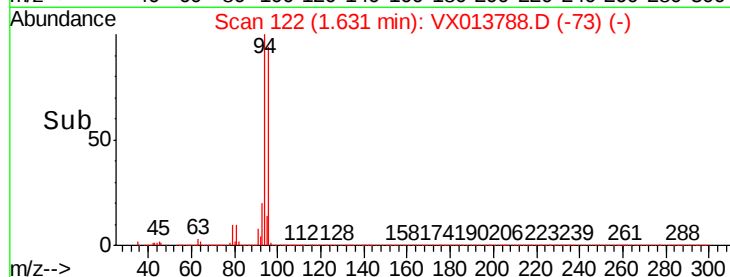
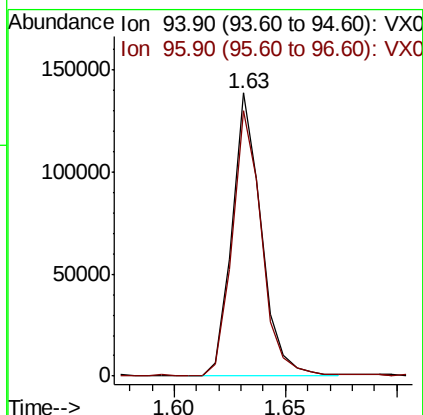
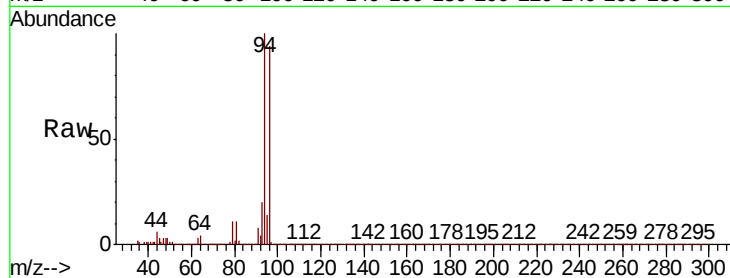
VX1206WBS01

Tot Ion: 94 Resp: 126349

Ion Ratio Lower Upper

94 100

96 93.5 77.0 115.4



#6

Chloroethane

Concen: 20.852 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013788.D

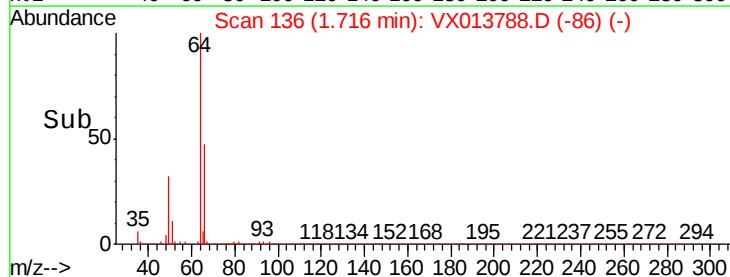
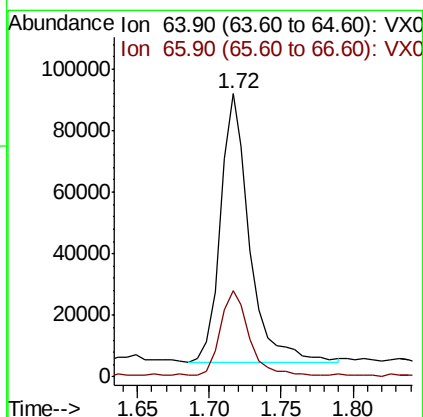
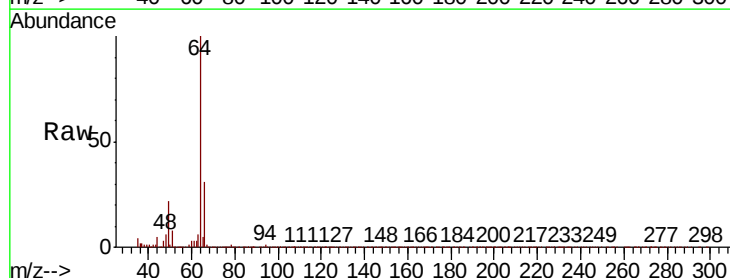
Acq: 06 Dec 2019 10:36

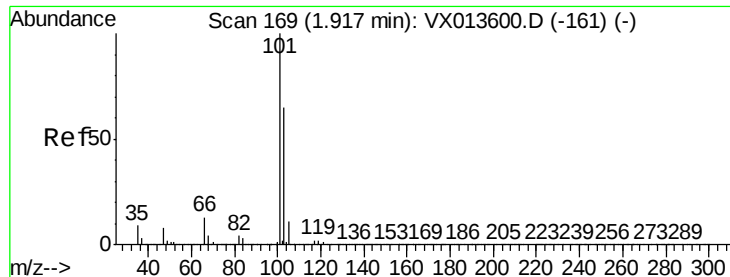
Tgt Ion: 64 Resp: 122338

Ion Ratio Lower Upper

64 100

66 31.6 26.7 40.1



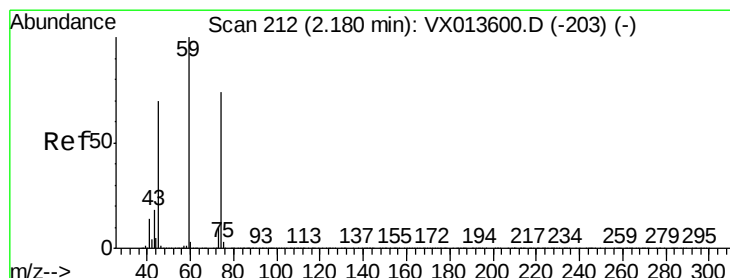
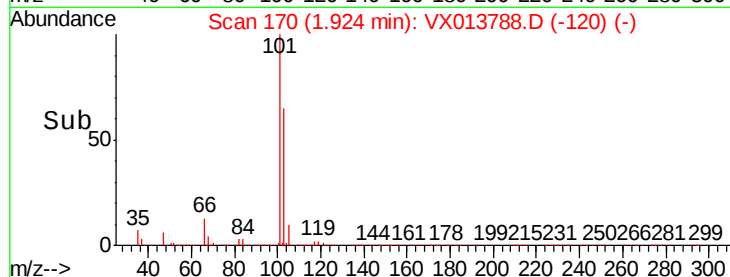
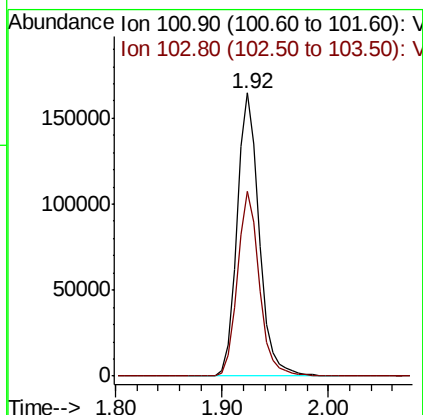
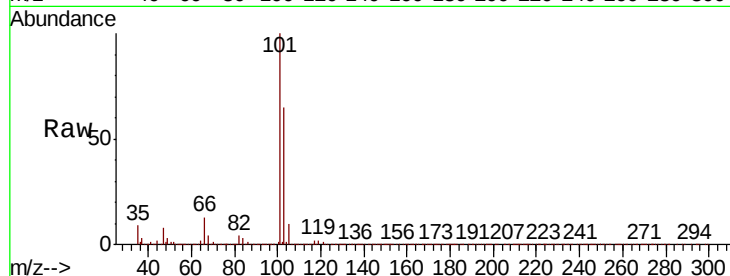


#7

Trichlorofluoromethane
Concen: 20.852 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

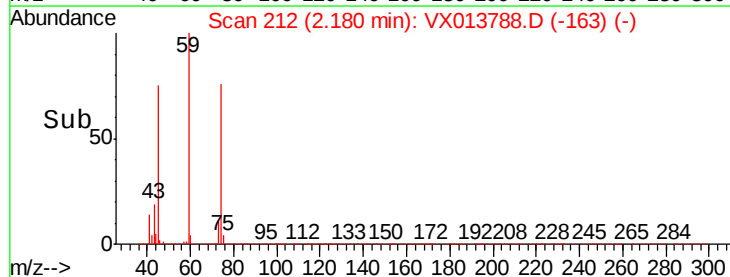
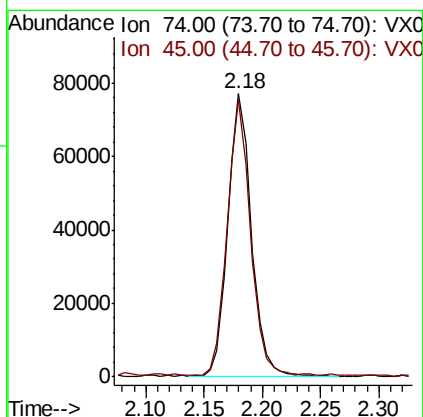
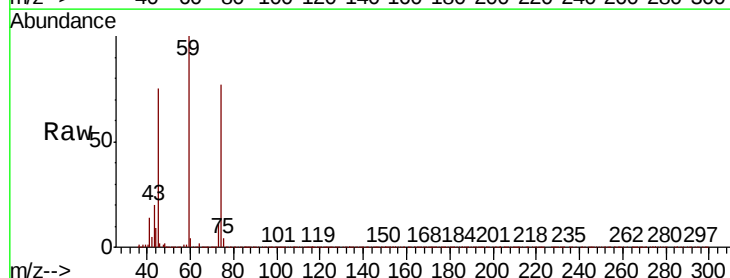
Tot Ion:101 Resp: 238734
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6

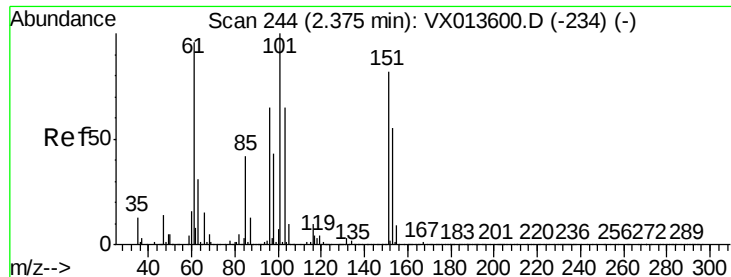


#8

Diethyl Ether
Concen: 20.943 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion: 74 Resp: 108476
Ion Ratio Lower Upper
74 100
45 96.5 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.295 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

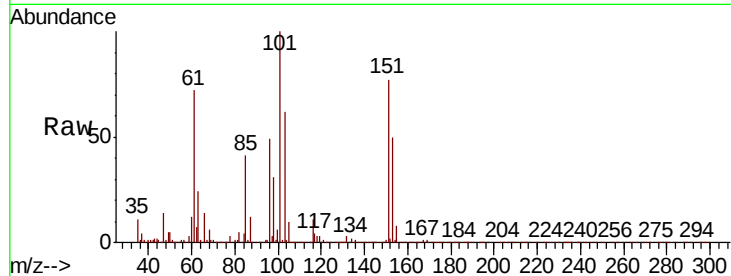
Tot Ion:101 Resp: 148916

Ion Ratio Lower Upper

101 100

85 42.7 33.9 50.9

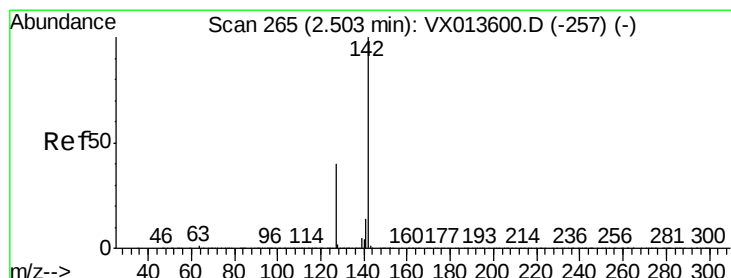
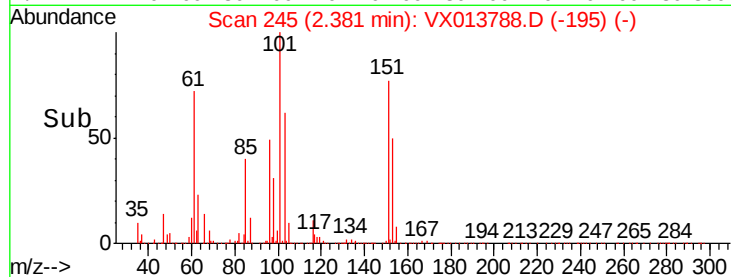
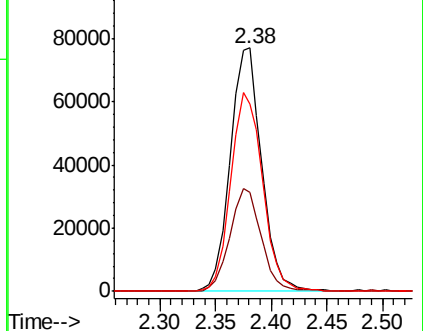
151 84.0 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.845 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

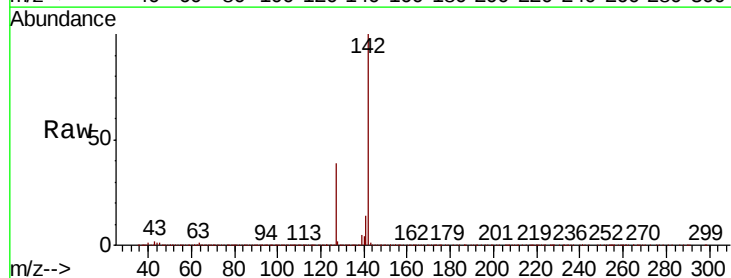
Tgt Ion:142 Resp: 159411

Ion Ratio Lower Upper

142 100

127 38.7 31.0 46.4

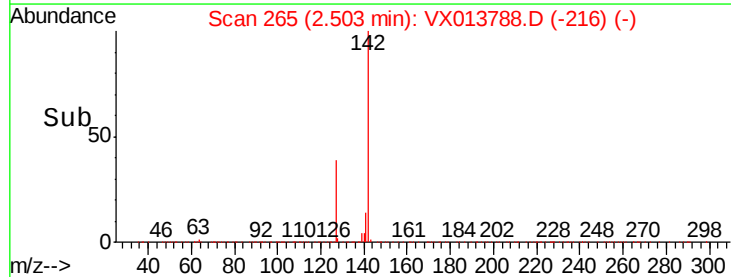
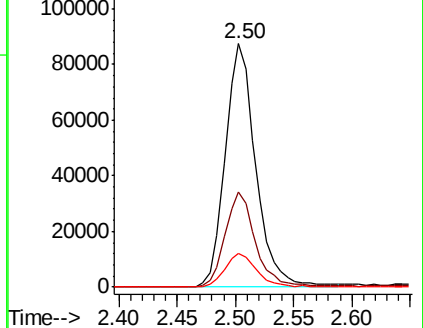
141 14.1 11.6 17.4

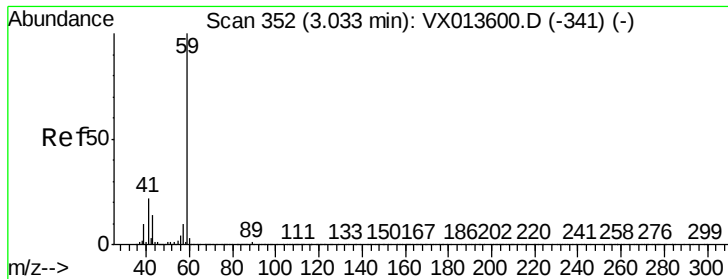


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



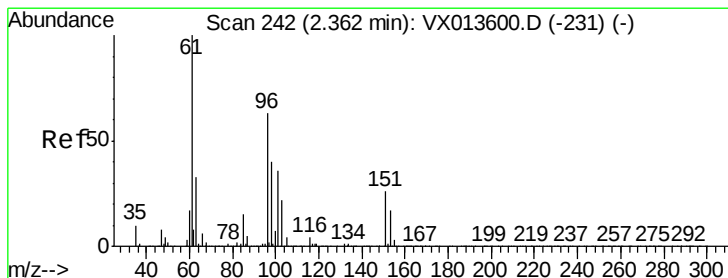
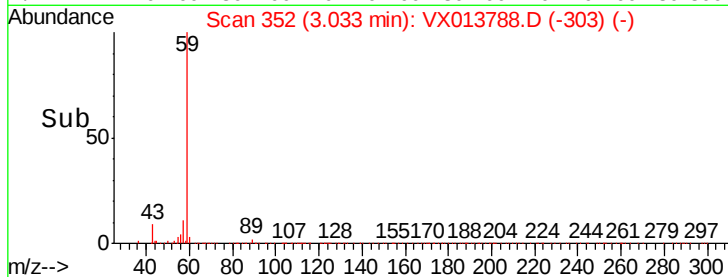
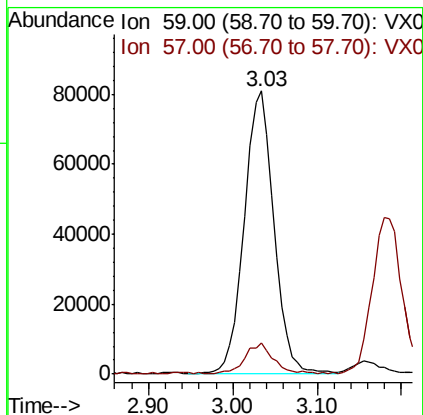
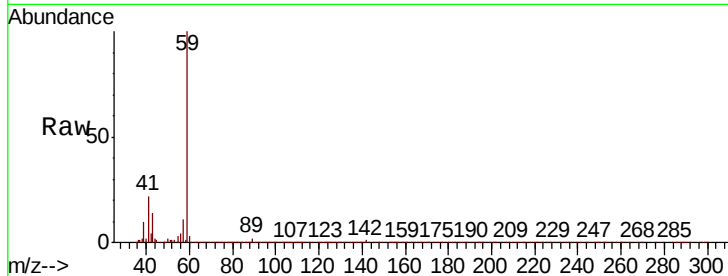


#11

Tert butyl alcohol
Concen: 90.721 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

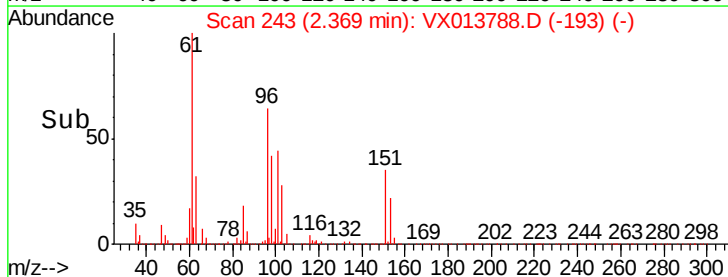
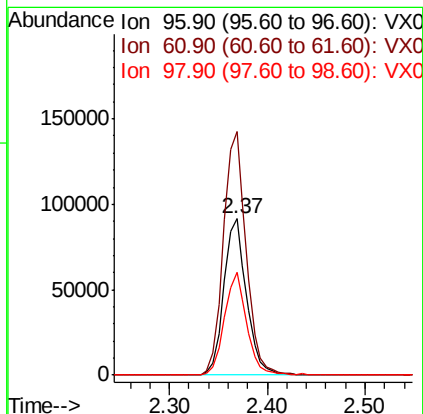
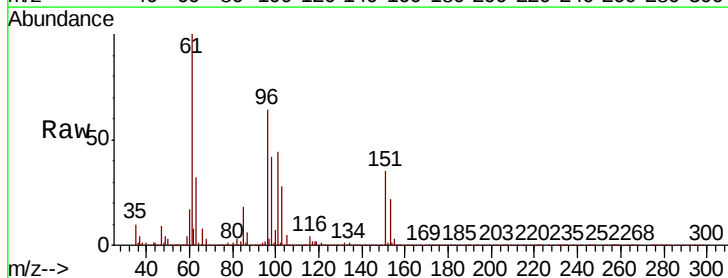
Tot Ion: 59 Resp: 190651
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.6

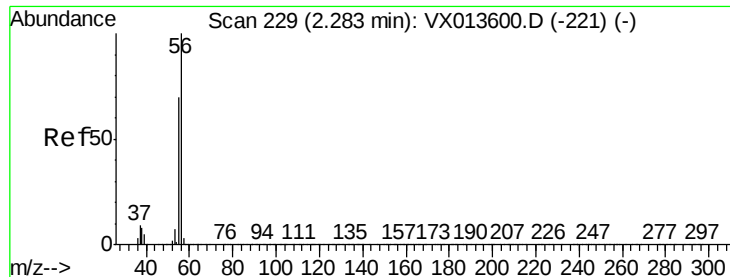


#12

1,1-Dichloroethene
Concen: 20.904 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion: 96 Resp: 145915
Ion Ratio Lower Upper
96 100
61 156.4 126.6 190.0
98 65.7 50.6 76.0





#13

Acrolein

Concen: 51.820 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

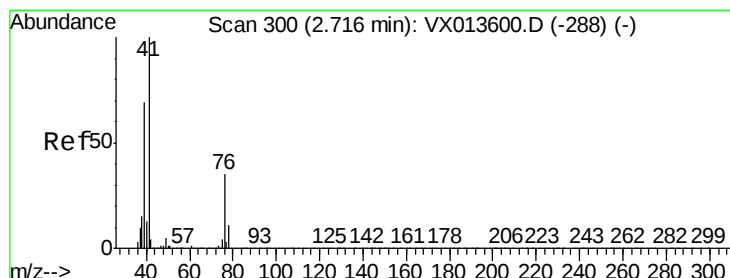
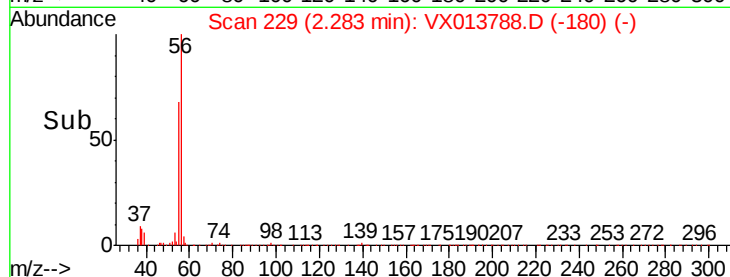
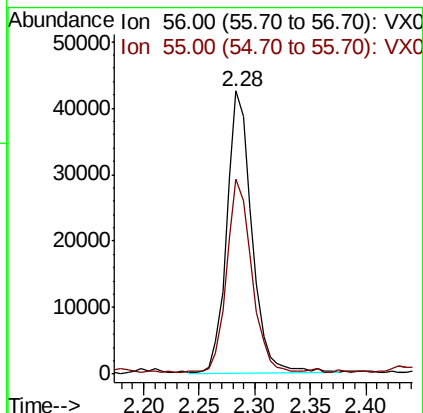
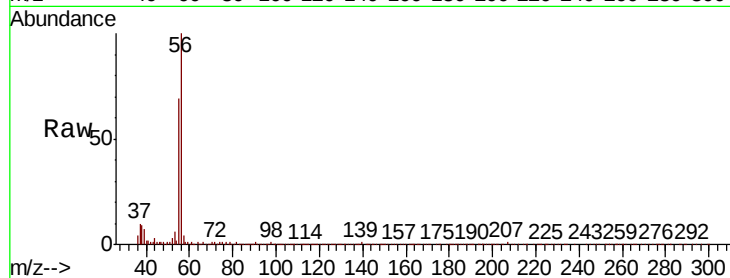
VX1206WBS01

Tot Ion: 56 Resp: 65976

Ion Ratio Lower Upper

56 100

55 68.0 56.2 84.4



#14

Allyl chloride

Concen: 20.082 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

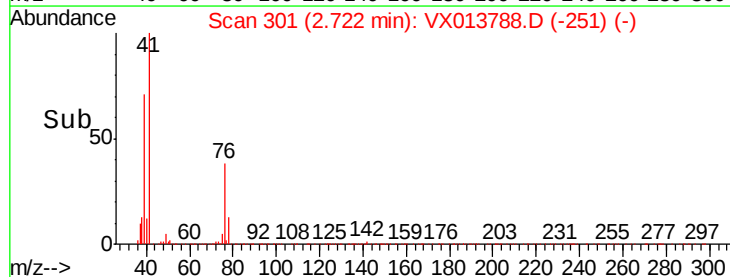
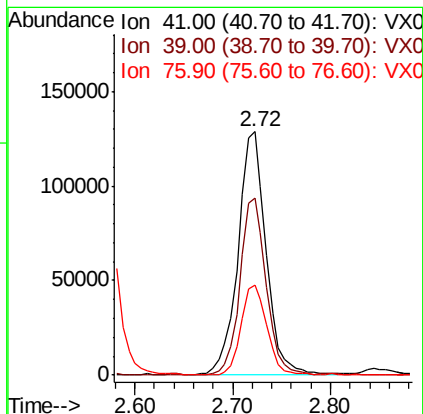
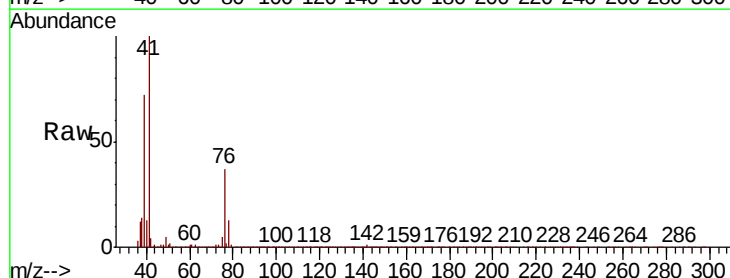
Tgt Ion: 41 Resp: 254391

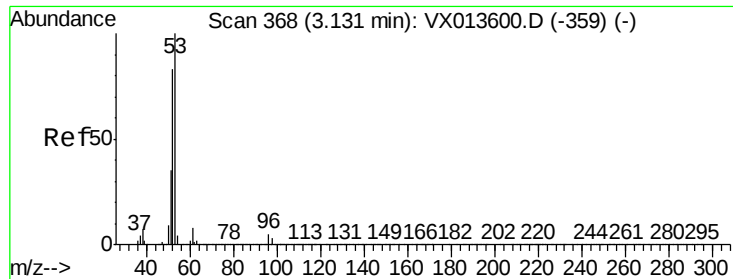
Ion Ratio Lower Upper

41 100

39 67.4 51.7 77.5

76 33.7 25.9 38.9

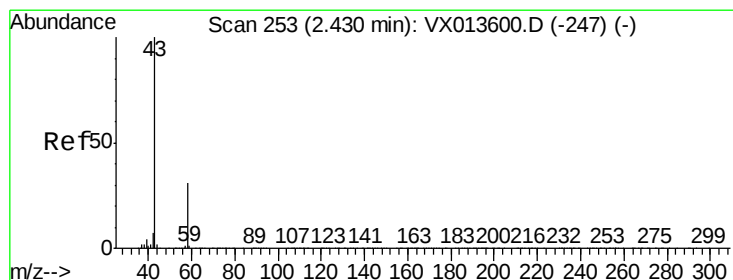
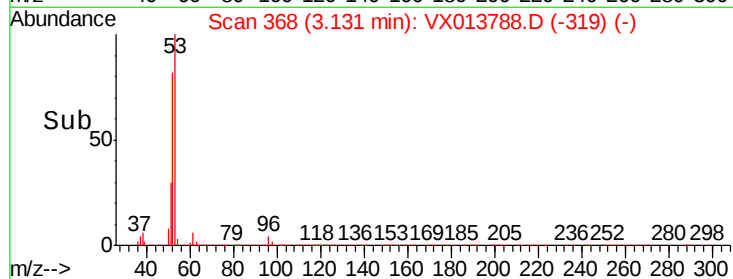
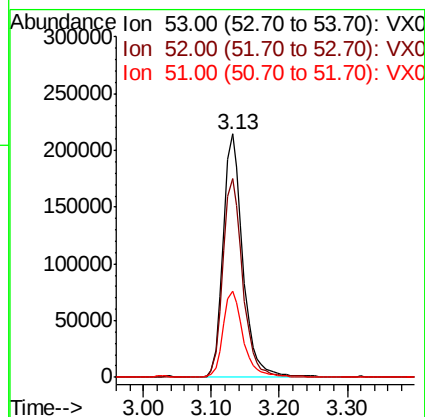
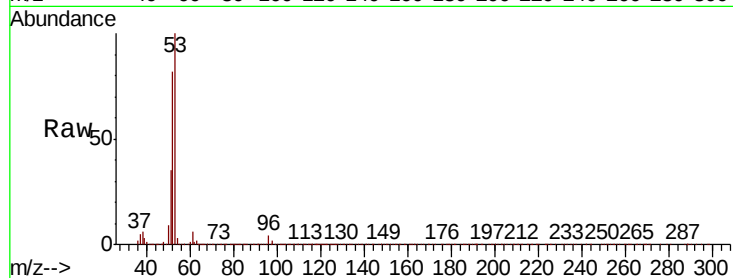




#15
 Acrylonitrile
 Concen: 98.626 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

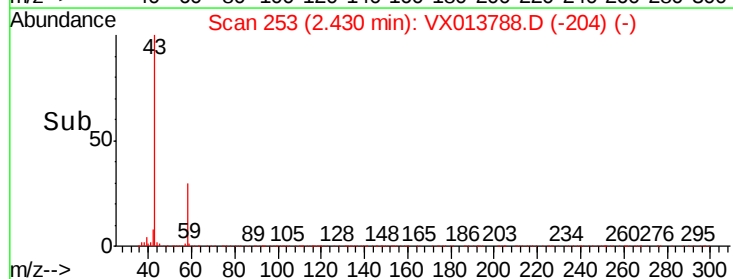
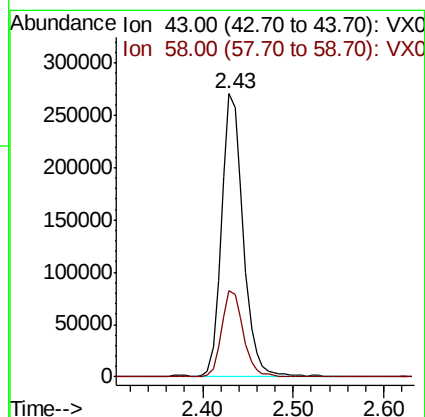
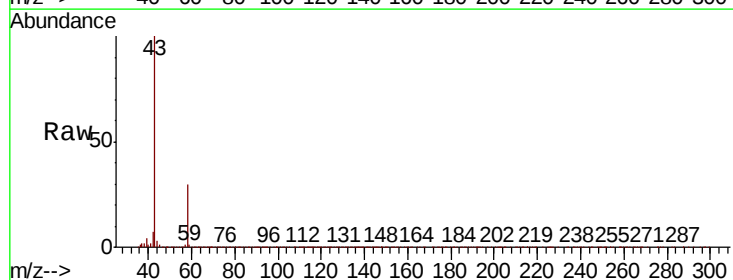
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1206WBS01

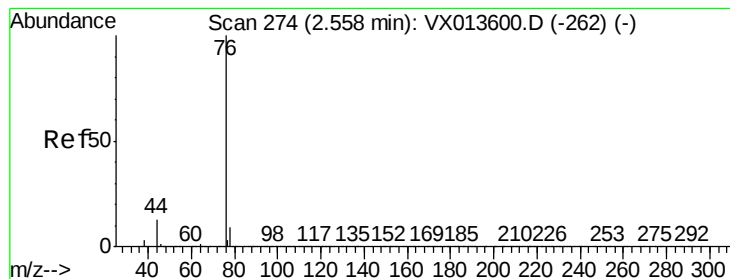
Tot Ion:	53	Resp:	427828
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.2
51	36.6	29.0	43.6



#16
 Acetone
 Concen: 107.220 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Tgt Ion:	43	Resp:	450693
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.6	36.8





#17

Carbon Disulfide

Concen: 19.046 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampled :

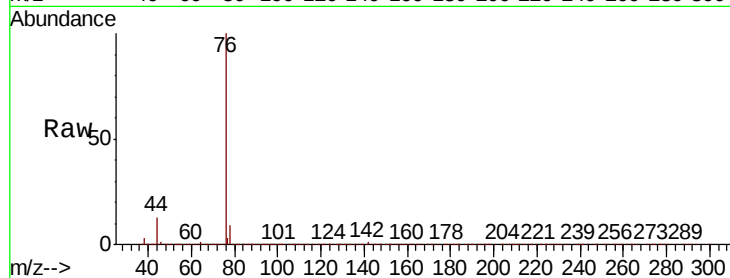
VX1206WBS01

Tot Ion: 76 Resp: 378984

Ion Ratio Lower Upper

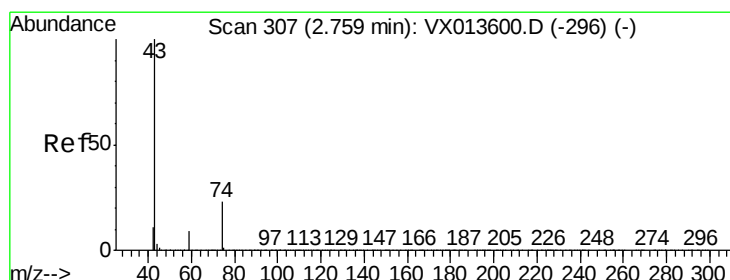
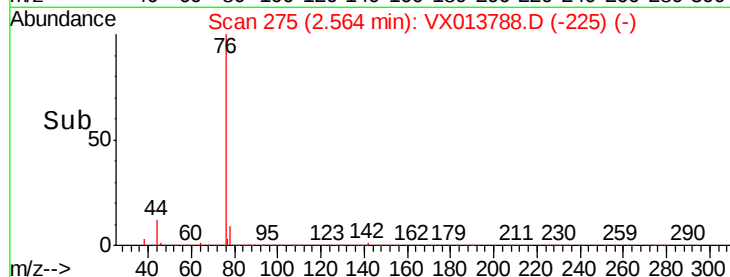
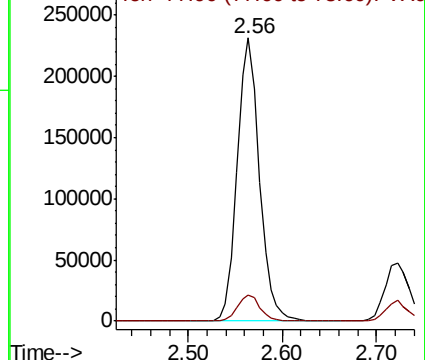
76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.343 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013788.D

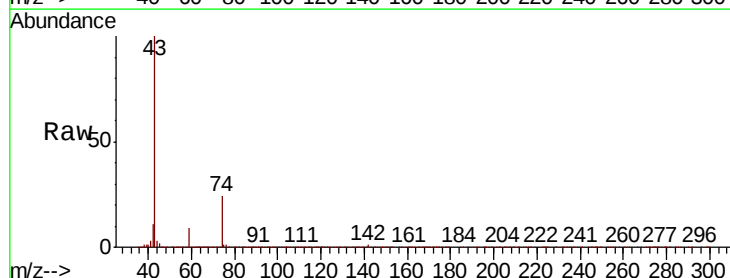
Acq: 06 Dec 2019 10:36

Tgt Ion: 43 Resp: 249816

Ion Ratio Lower Upper

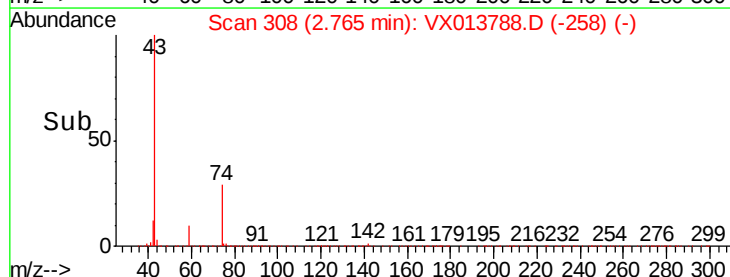
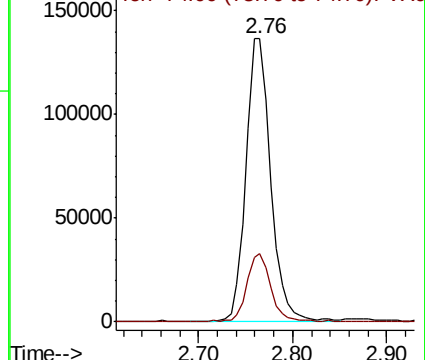
43 100

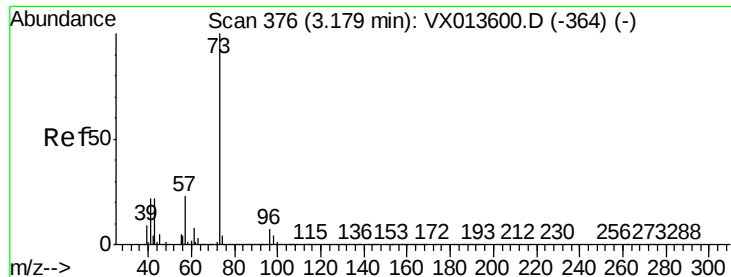
74 23.2 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

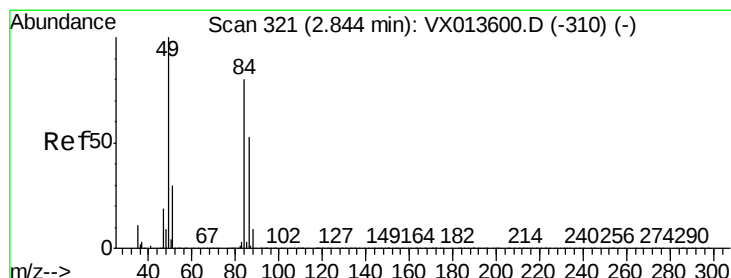
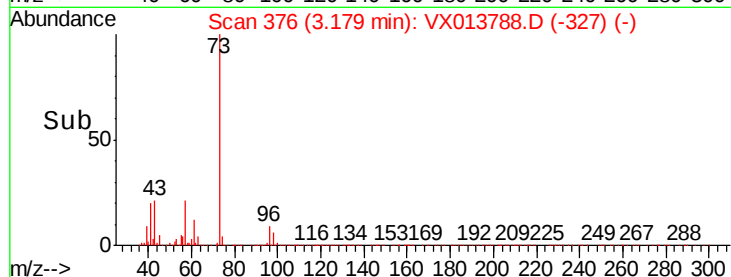
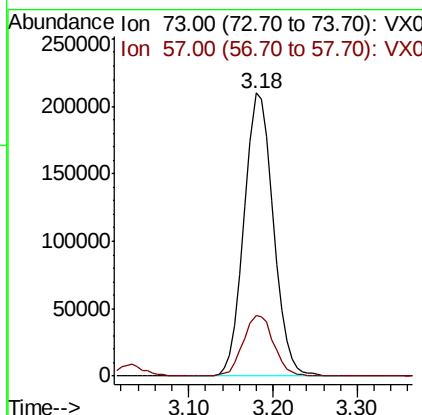
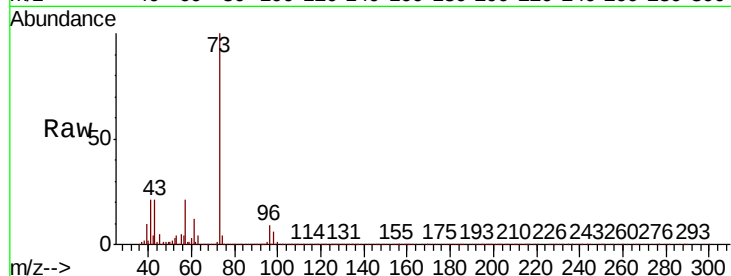




#19
Methvl tert-butvl Ether
Concen: 21.259 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

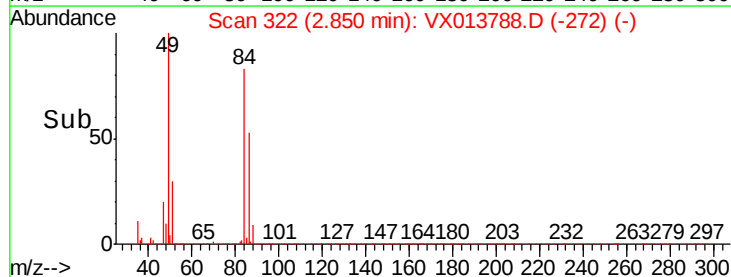
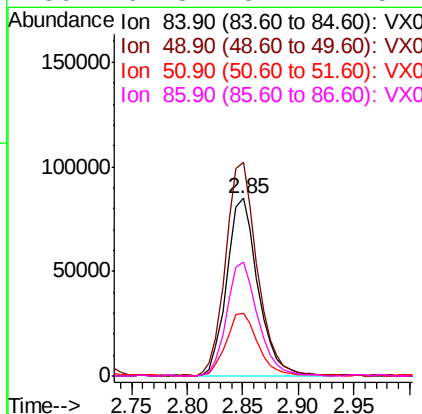
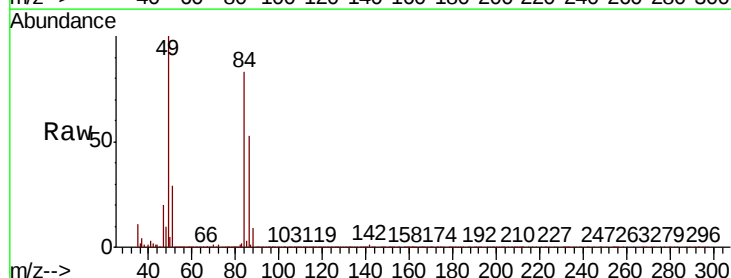
Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

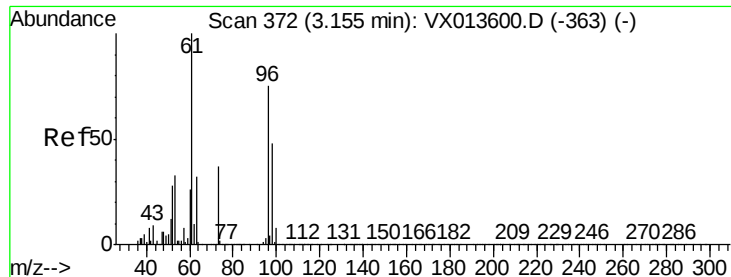
Tot Ion: 73 Resp: 491596
Ion Ratio Lower Upper
73 100
57 21.3 18.3 27.5



#20
Methylene Chloride
Concen: 20.354 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion: 84 Resp: 164369
Ion Ratio Lower Upper
84 100
49 120.1 99.7 149.5
51 35.6 29.9 44.9
86 64.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 20.319 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampled :

VX1206WBS01

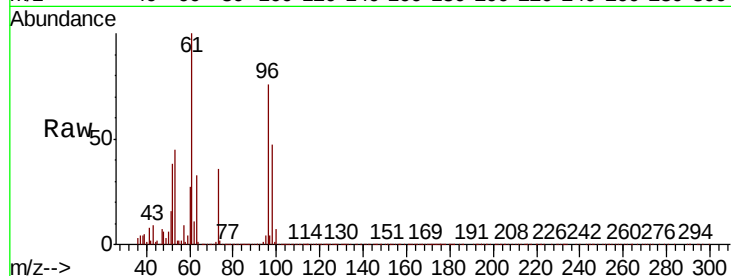
Tot Ion: 96 Resp: 154513

Ion Ratio Lower Upper

96 100

61 131.3 107.2 160.8

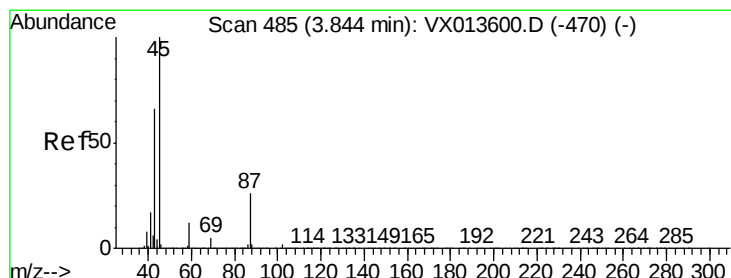
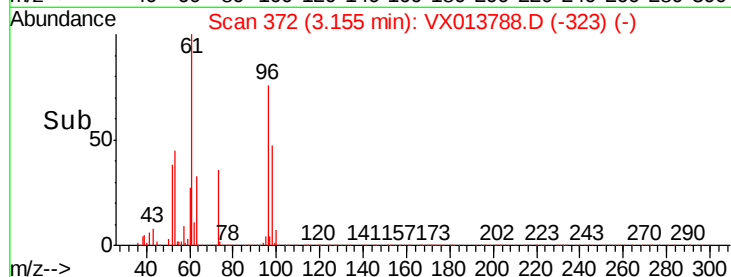
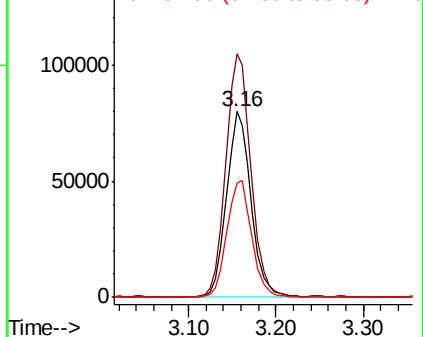
98 61.8 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.539 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Tgt Ion: 45 Resp: 525362

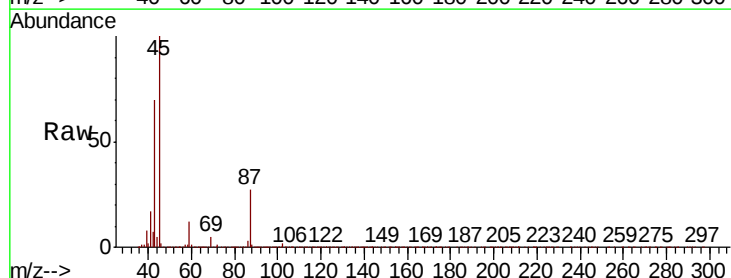
Ion Ratio Lower Upper

45 100

43 70.0 52.6 79.0

87 27.2 21.1 31.7

59 11.7 9.2 13.8

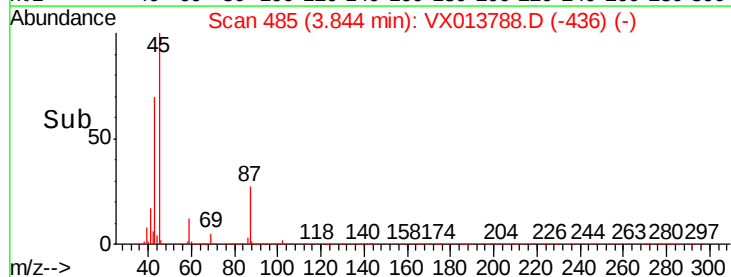
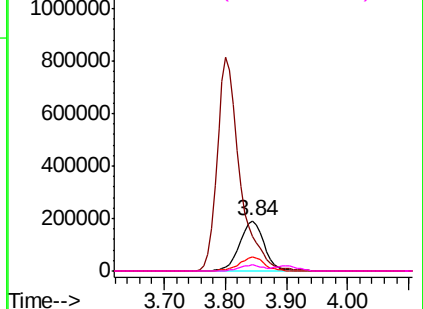


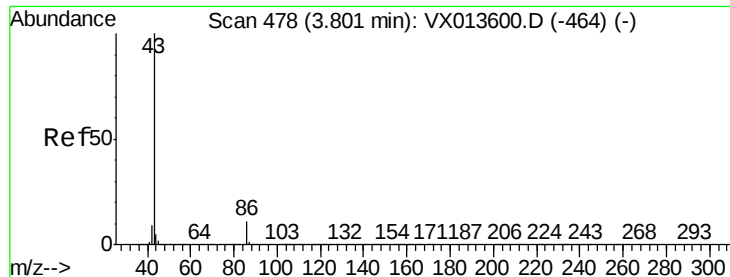
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 103.961 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

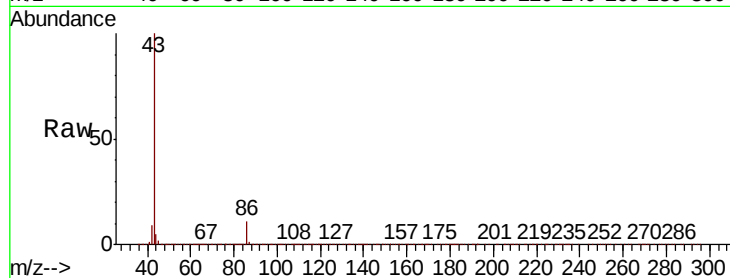
VX1206WBS01

Tot Ion: 43 Resp: 2109478

Ion Ratio Lower Upper

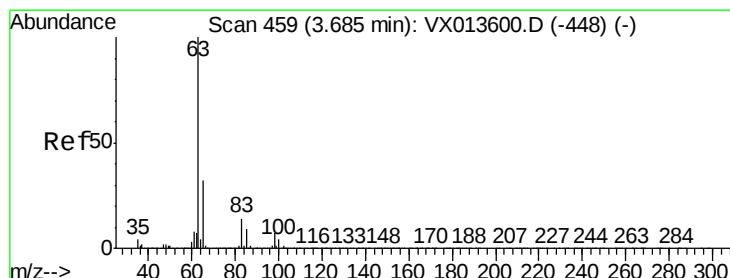
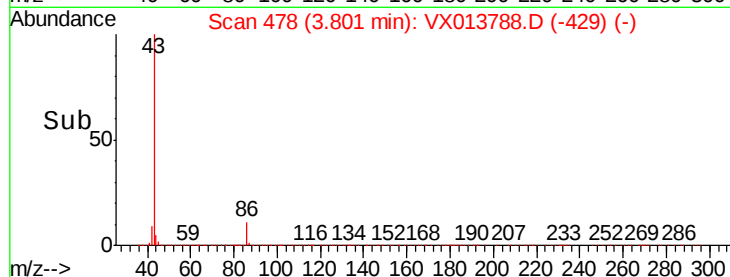
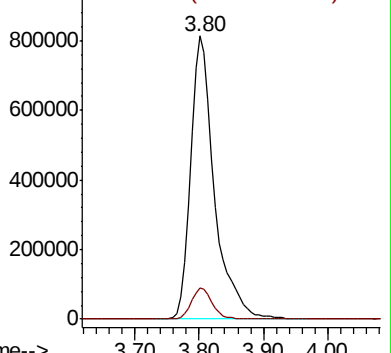
43 100

86 11.1 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.109 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

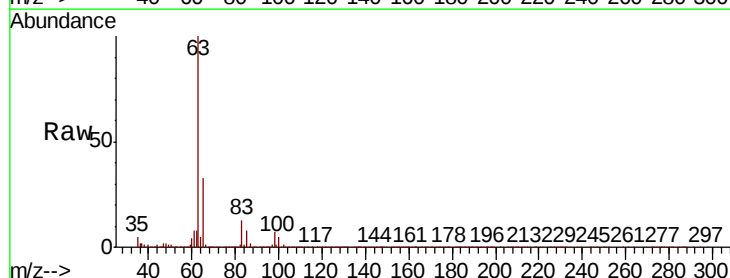
Tgt Ion: 63 Resp: 281460

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

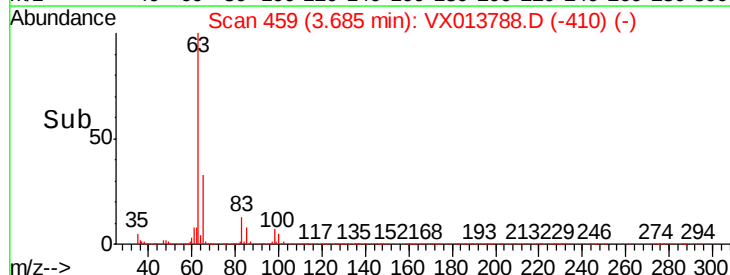
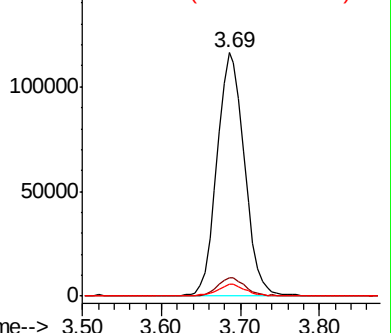
100 4.7 2.1 6.3

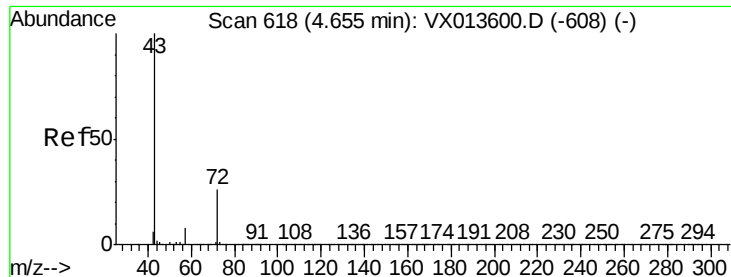


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.567 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

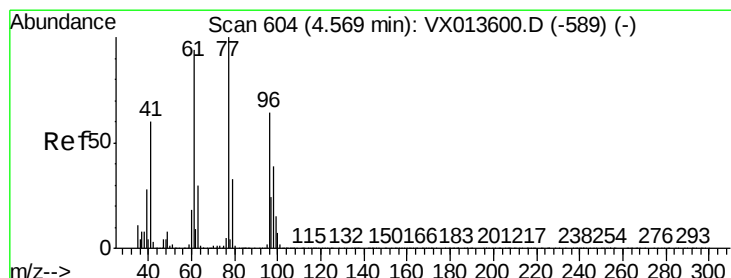
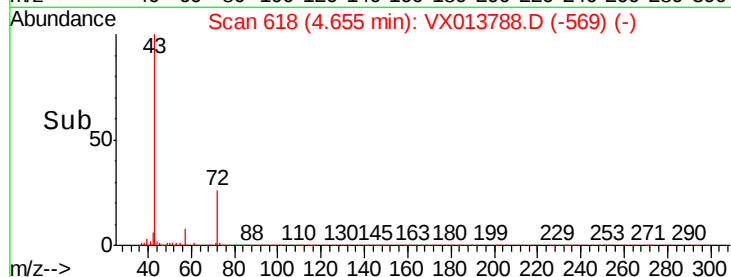
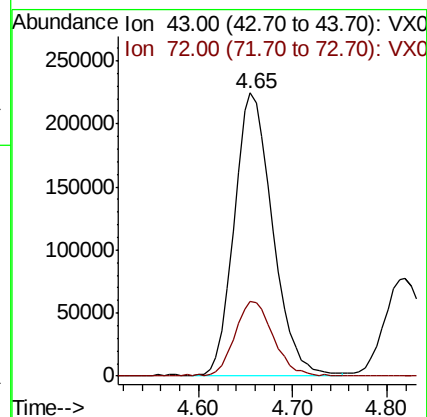
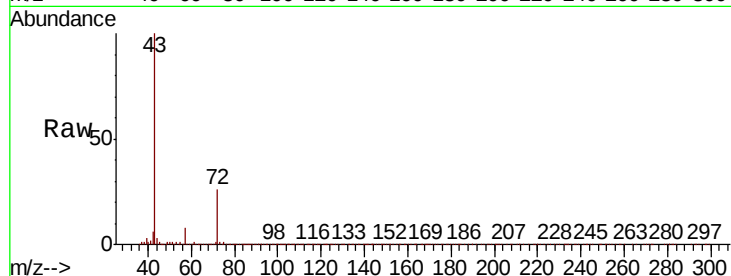
VX1206WBS01

Tot Ion: 43 Resp: 634502

Ion Ratio Lower Upper

43 100

72 26.3 20.6 31.0



#26

2,2-Dichloropropane

Concen: 20.949 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013788.D

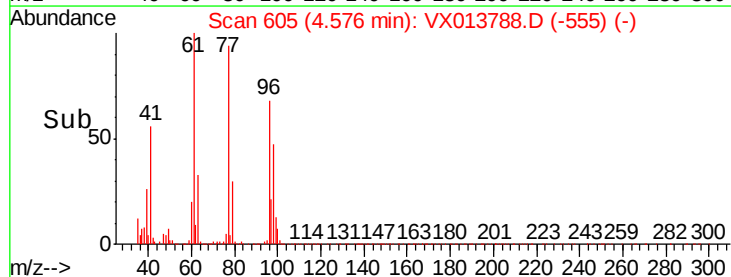
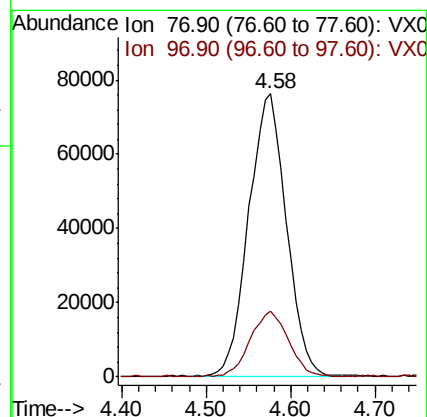
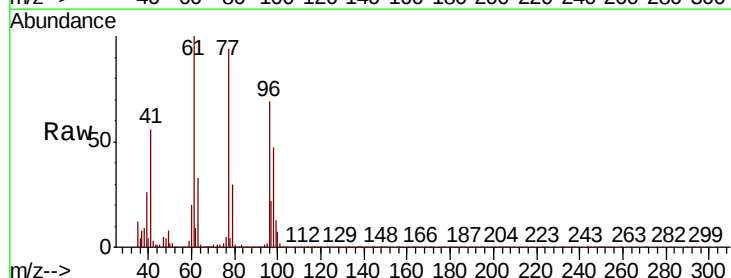
Acq: 06 Dec 2019 10:36

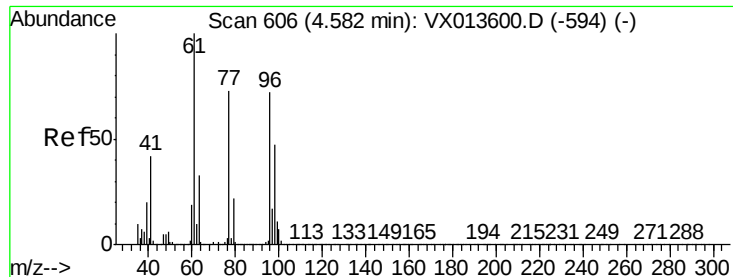
Tgt Ion: 77 Resp: 231111

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.1



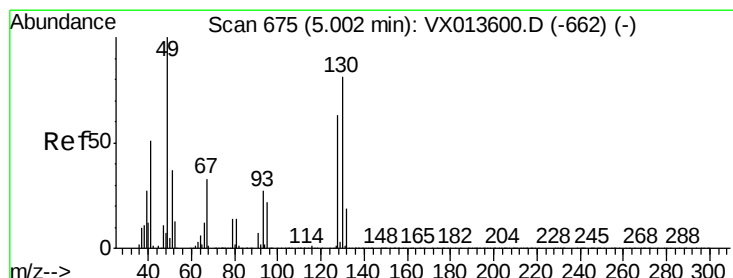
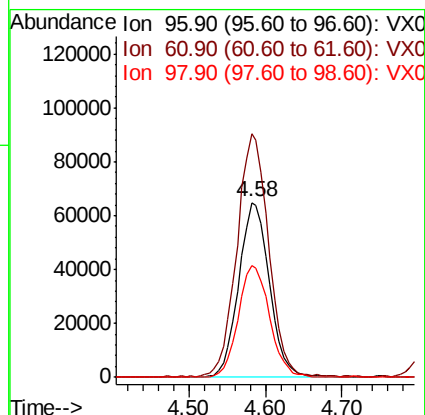
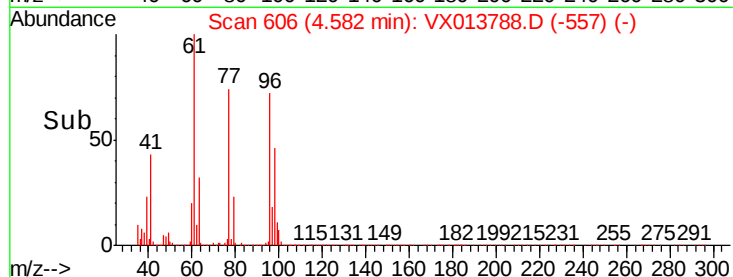
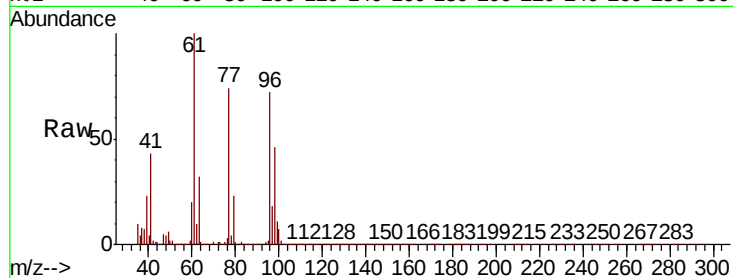


#27

cis-1,2-Dichloroethene
Concen: 20.497 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

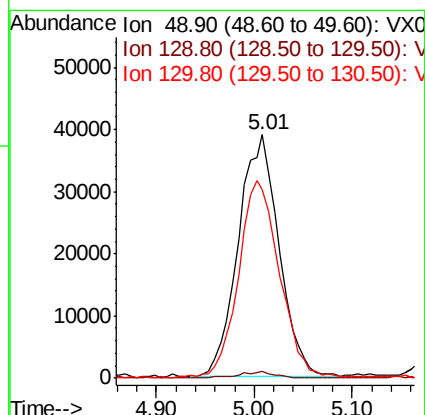
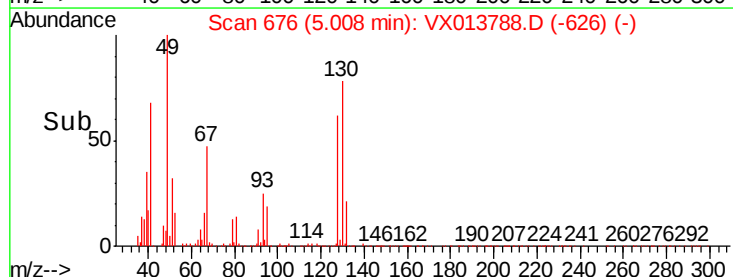
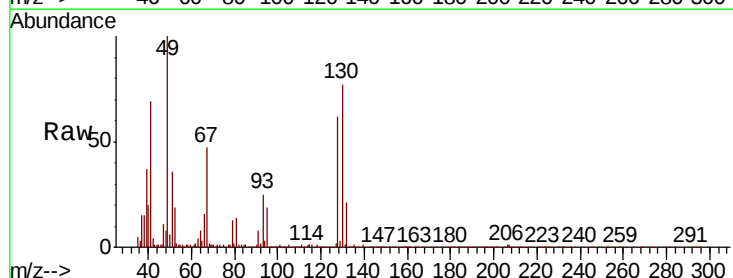
Tot Ion: 96 Resp: 178991
Ion Ratio Lower Upper
96 100
61 144.9 0.0 286.4
98 65.0 0.0 127.4

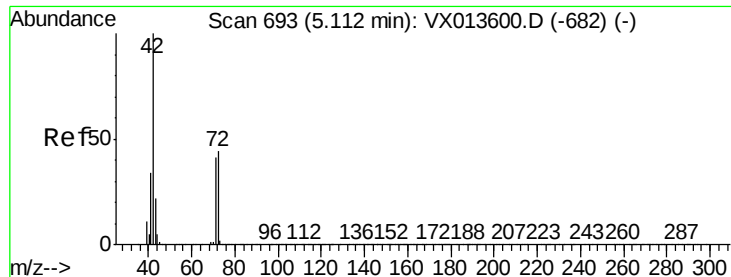


#28

Bromochloromethane
Concen: 21.388 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion: 49 Resp: 112737
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.0
130 81.2 65.4 98.0





#29

Tetrahydrofuran

Concen: 100.745 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

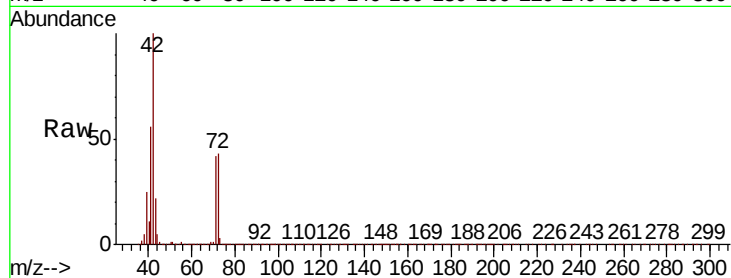
Tot Ion: 42 Resp: 387982

Ion Ratio Lower Upper

42 100

72 45.2 36.3 54.5

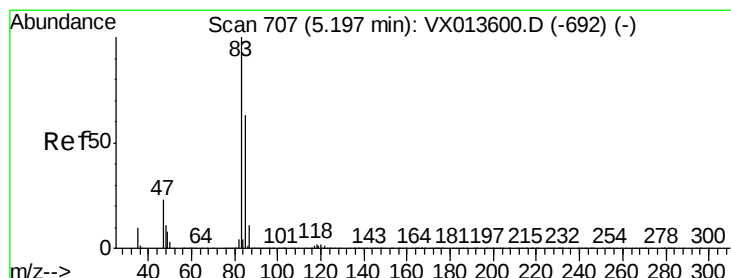
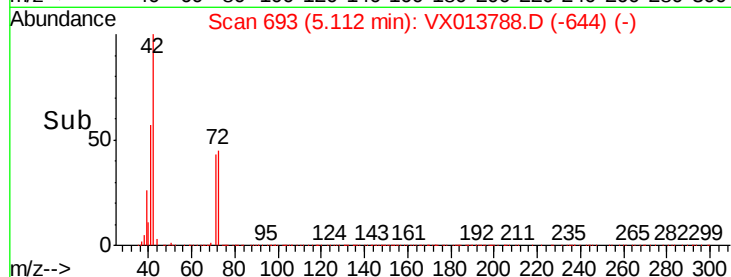
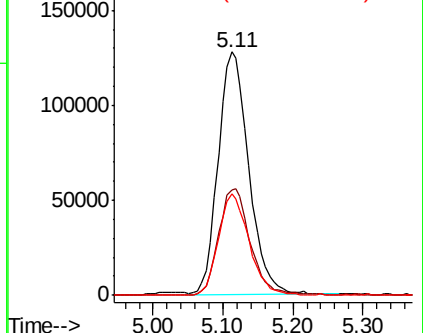
71 41.5 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.654 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013788.D

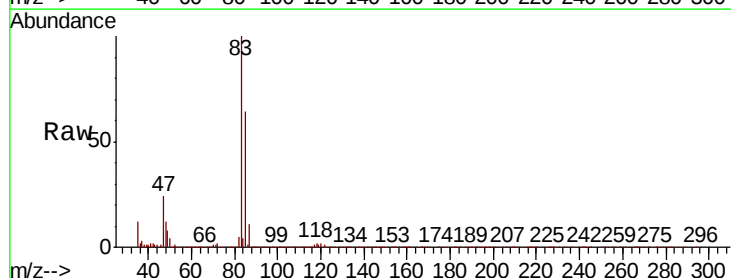
Acq: 06 Dec 2019 10:36

Tgt Ion: 83 Resp: 279303

Ion Ratio Lower Upper

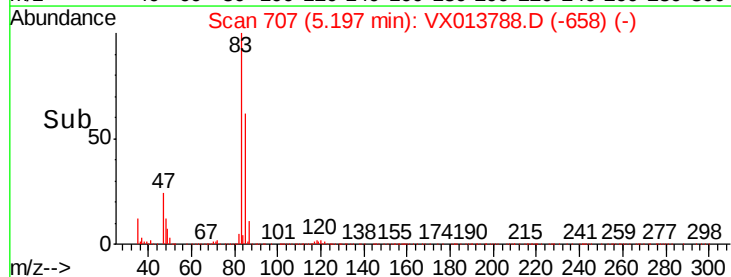
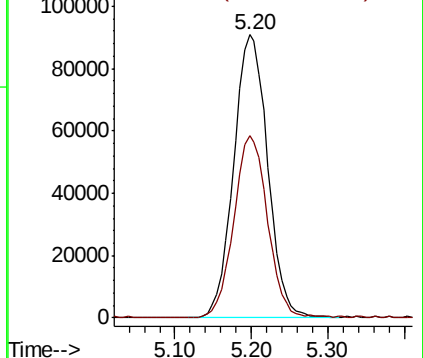
83 100

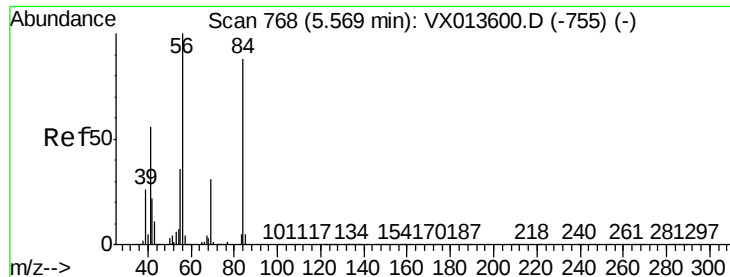
85 64.1 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

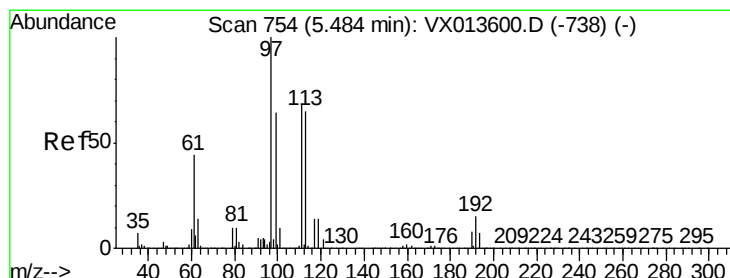
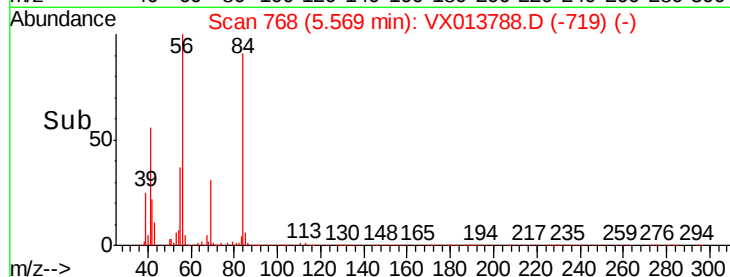
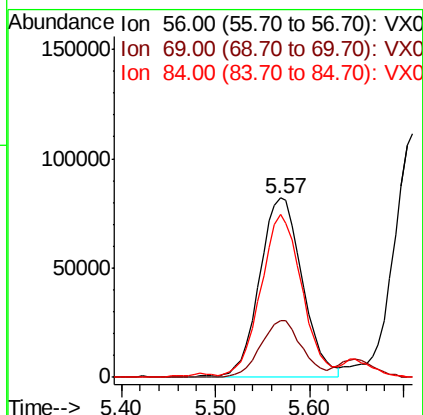
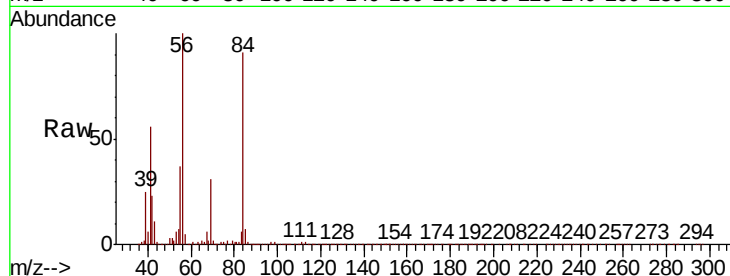




#31
Cyclohexane
Concen: 20.624 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

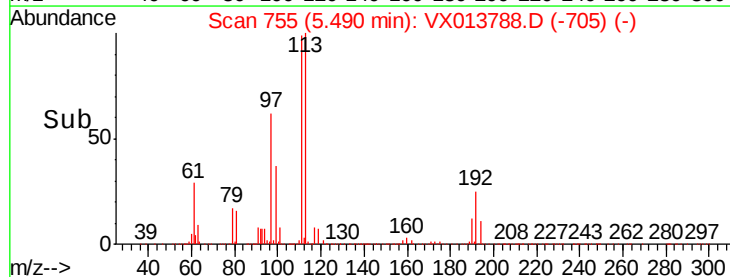
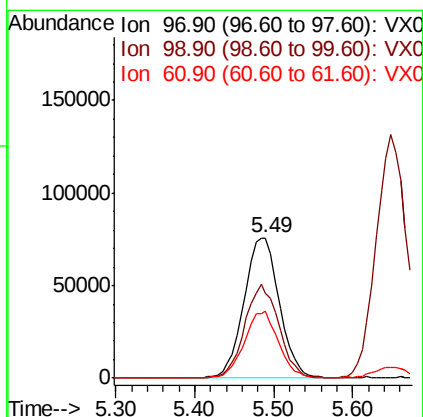
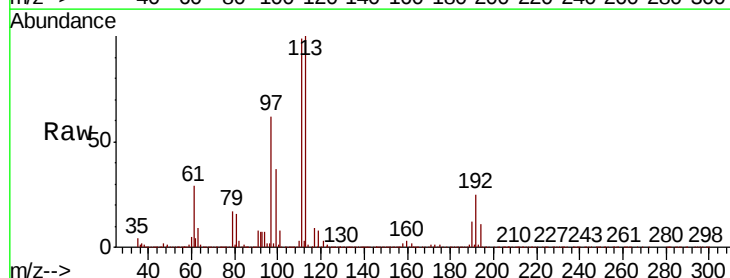
Instrument :
MSVOA_X
ClientSampled :
VX1206WBS01

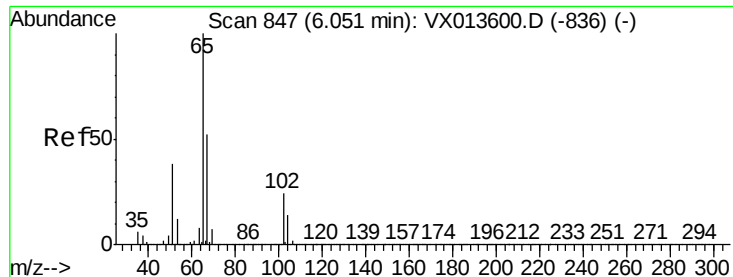
Tot Ion: 56 Resp: 259378
Ion Ratio Lower Upper
56 100
69 30.9 24.6 36.8
84 90.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 20.848 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion: 97 Resp: 235593
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 45.7 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 48.793 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

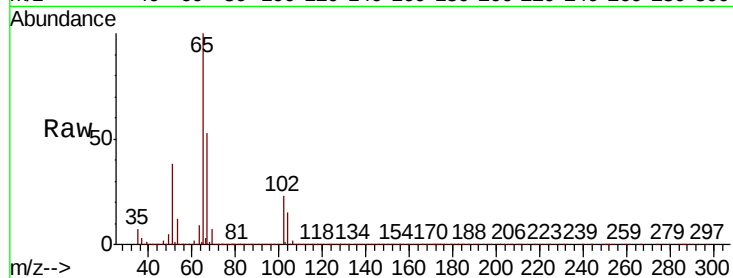
VX1206WBS01

Tot Ion: 65 Resp: 415424

Ion Ratio Lower Upper

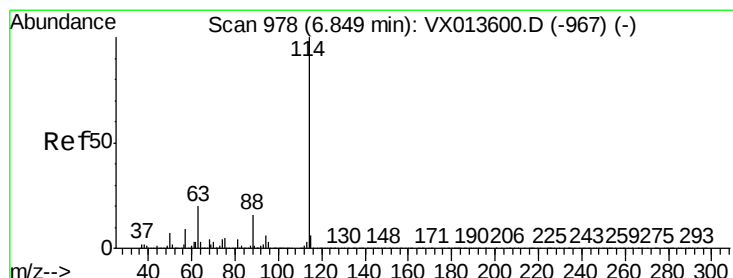
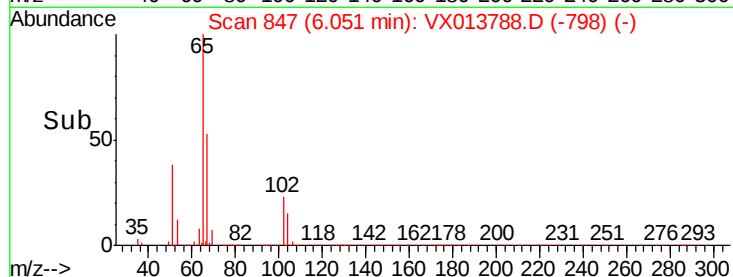
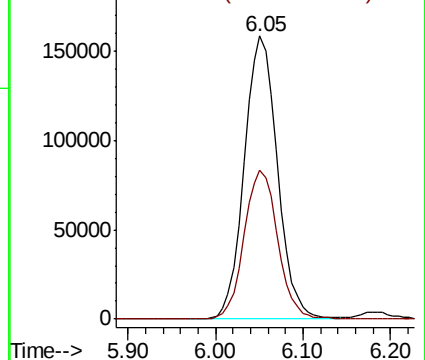
65 100

67 53.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

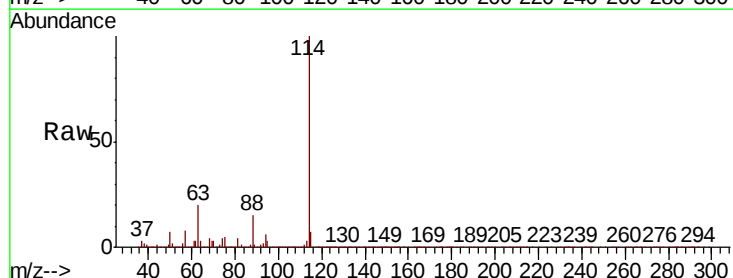
Tgt Ion: 114 Resp: 1085418

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

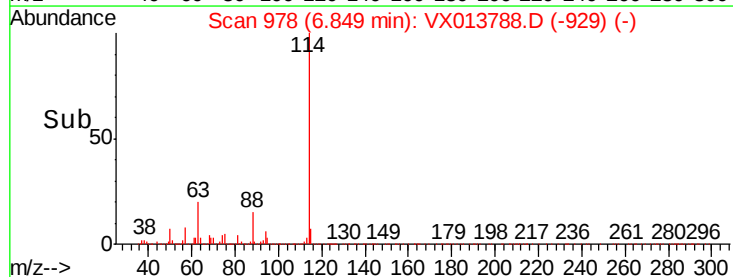
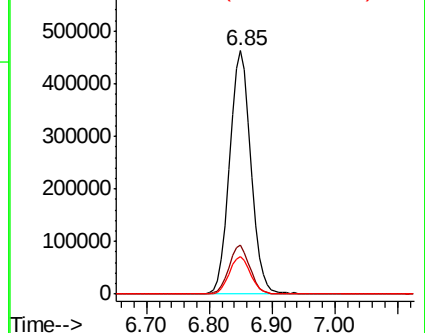
88 15.2 0.0 31.4

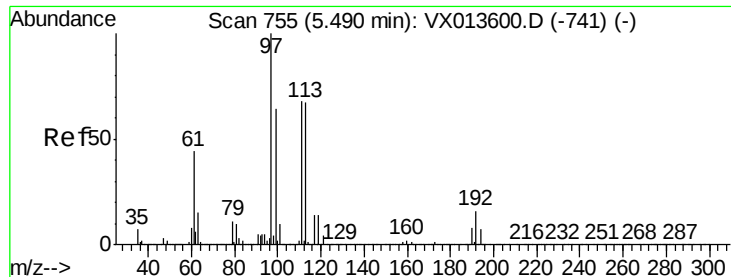


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.411 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

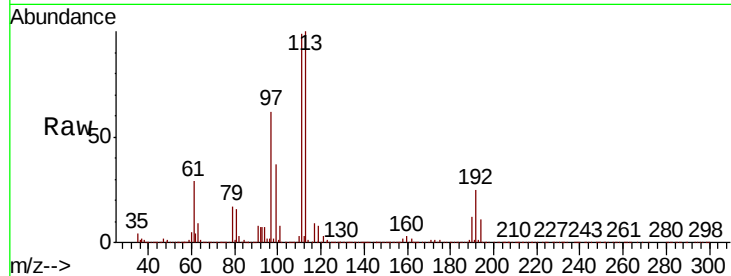
Tot Ion:113 Resp: 351685

Ion Ratio Lower Upper

113 100

111 102.1 83.6 125.4

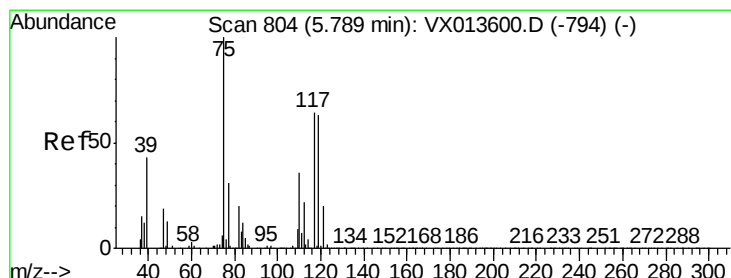
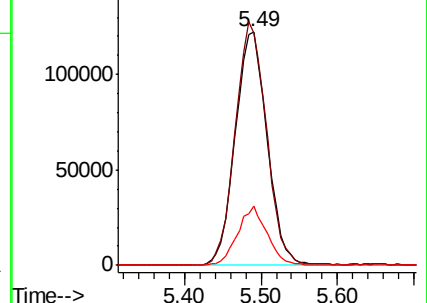
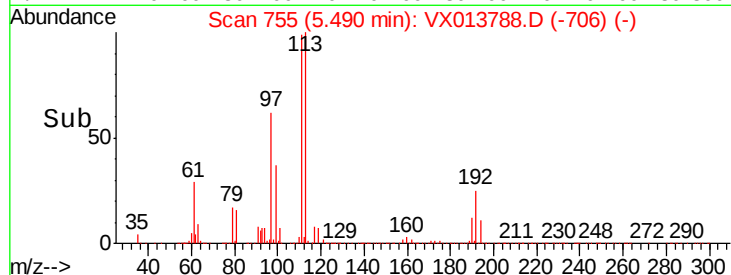
192 23.5 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.966 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

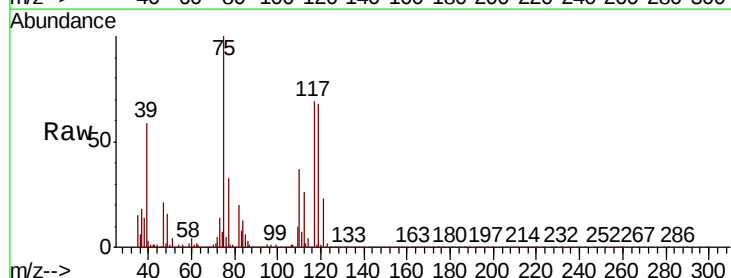
Tgt Ion: 75 Resp: 206574

Ion Ratio Lower Upper

75 100

110 37.9 18.1 54.1

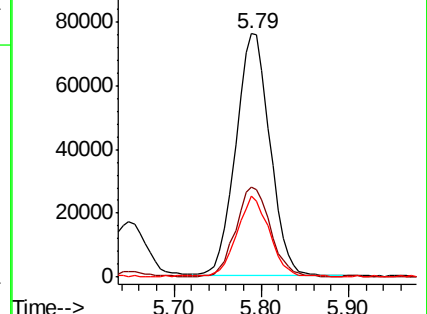
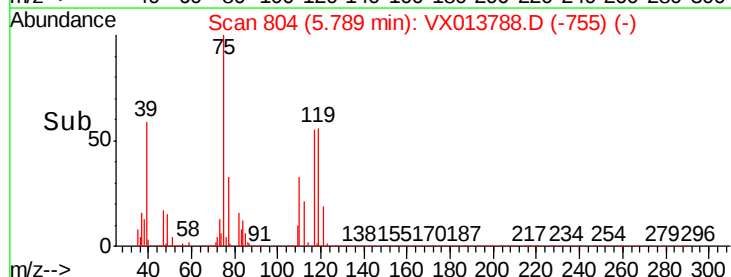
77 31.2 24.5 36.7

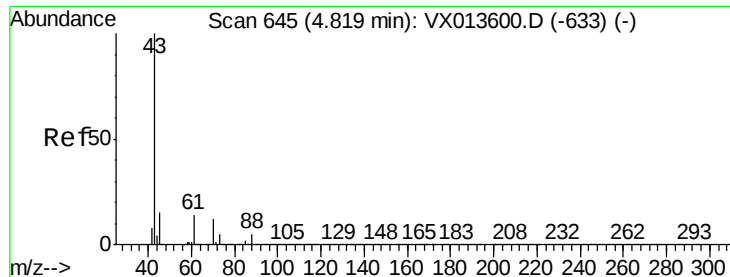


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

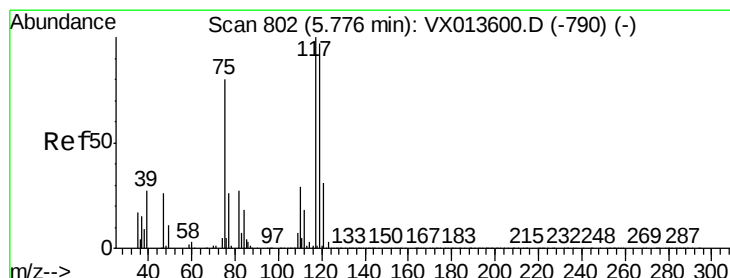
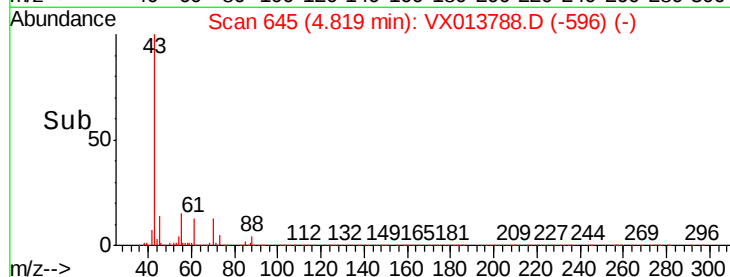
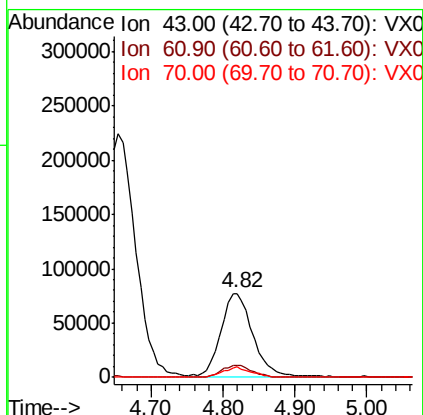
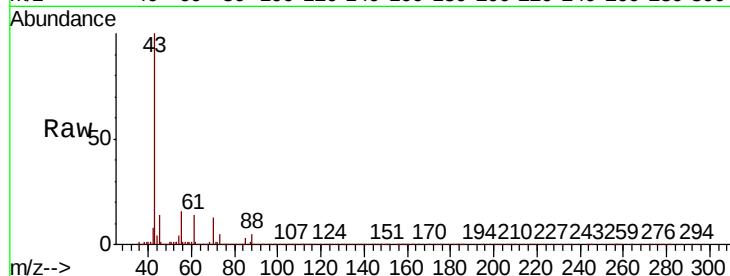




#37
Ethyl Acetate
Concen: 21.342 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

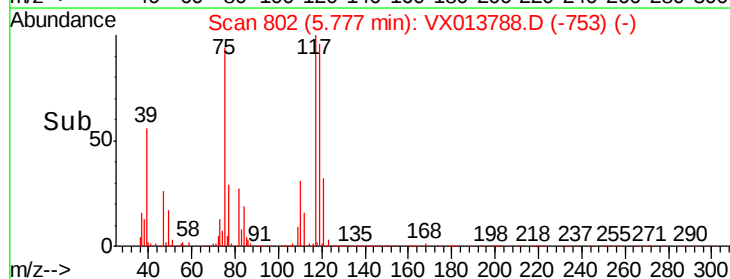
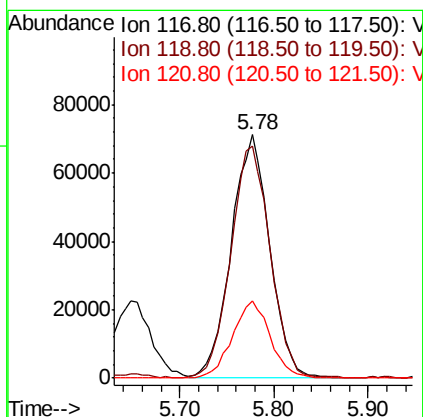
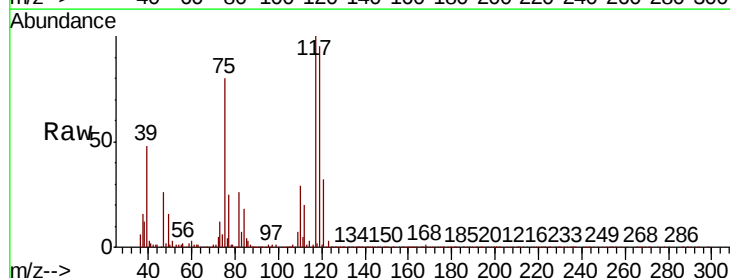
Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

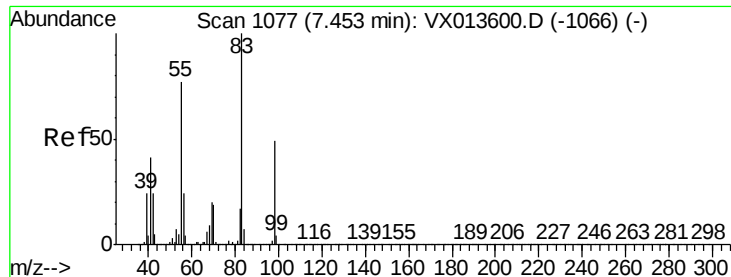
Tot Ion: 43 Resp: 235901
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.4
70 10.4 8.6 12.8



#38
Carbon Tetrachloride
Concen: 22.151 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion: 117 Resp: 201244
Ion Ratio Lower Upper
117 100
119 95.0 77.5 116.3
121 31.6 25.0 37.6

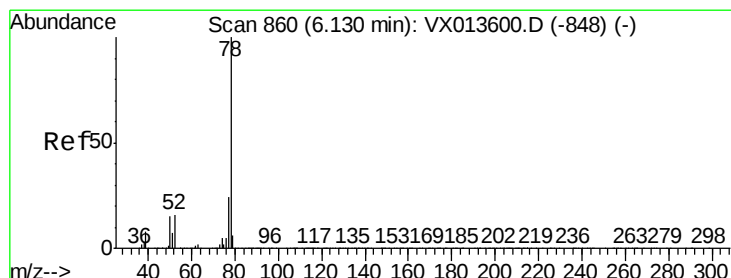
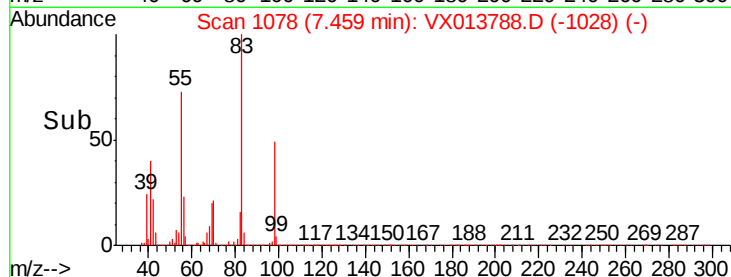
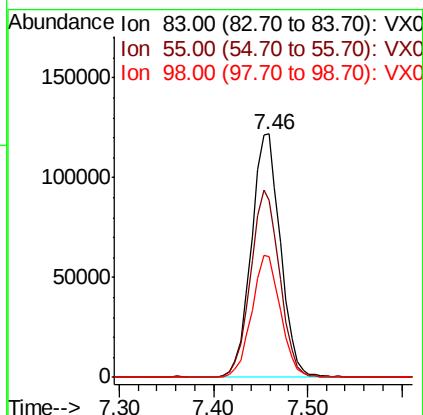
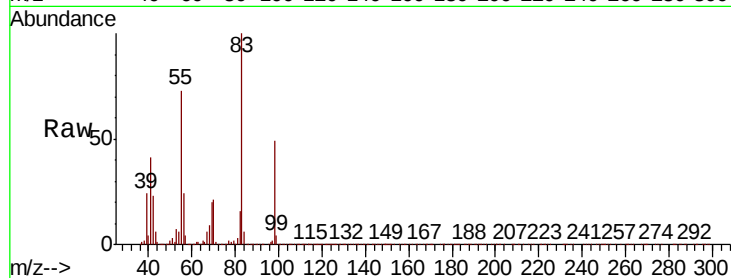




#39
Methvlcvclohexane
Concen: 21.824 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

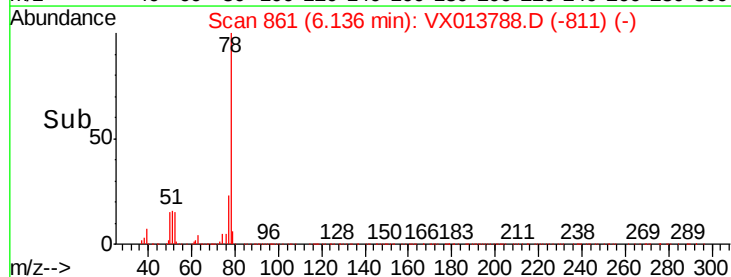
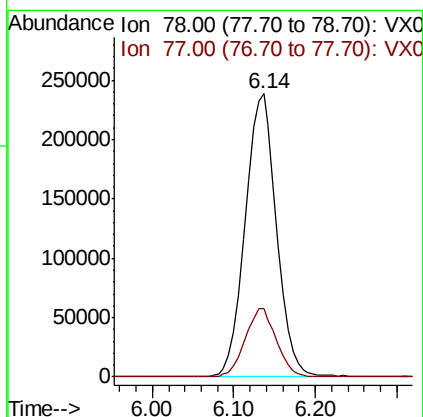
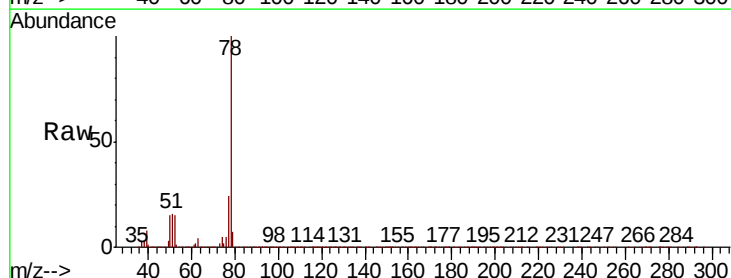
Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

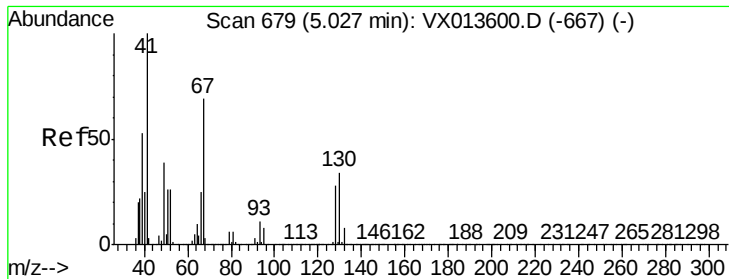
Tot Ion	Ratio	Lower	Upper
83	100		
55	72.5	61.9	92.9
98	49.4	39.4	59.0



#40
Benzene
Concen: 21.201 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4

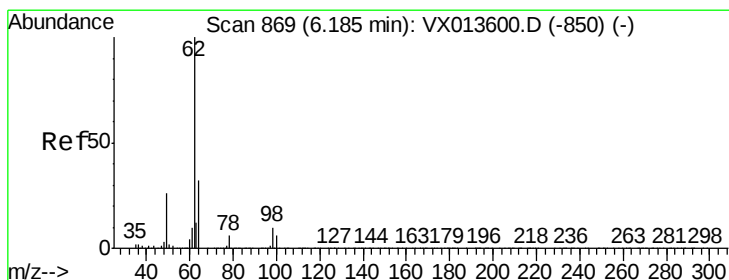
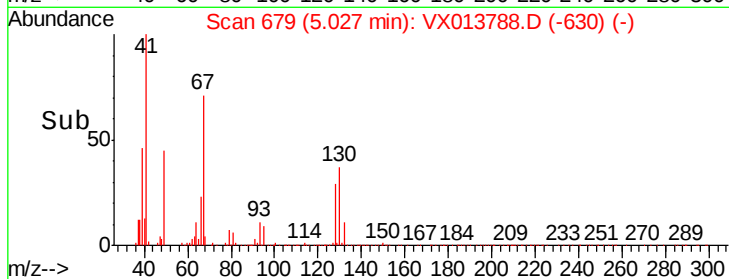
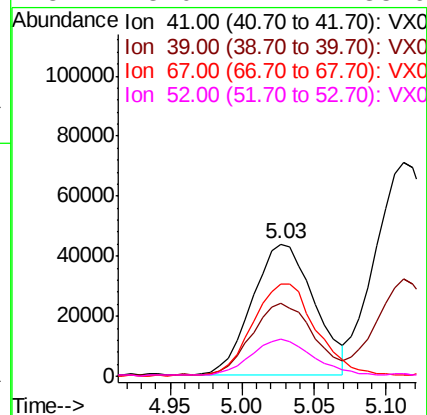
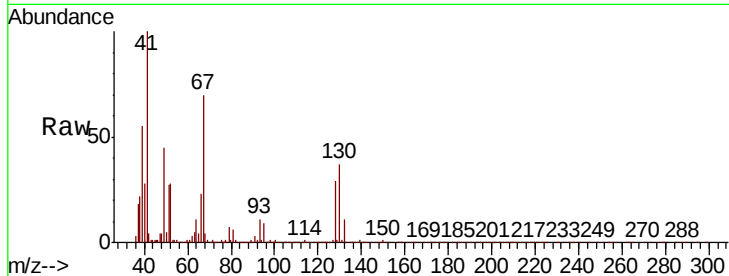




#41
Methacrylonitrile
Concen: 21.501 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

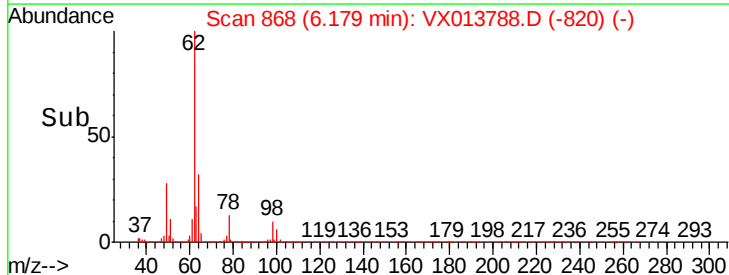
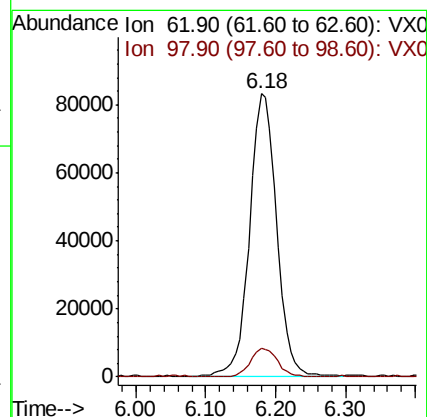
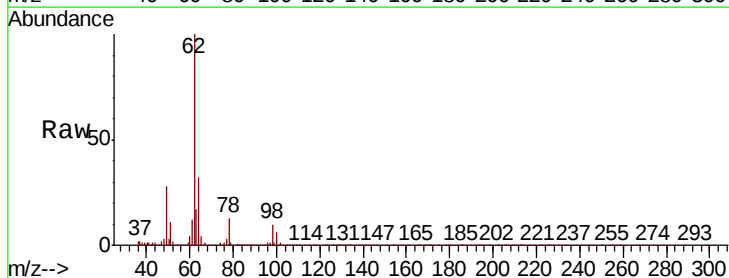
Instrument :
MSVOA_X
ClientSampled :
VX1206WBS01

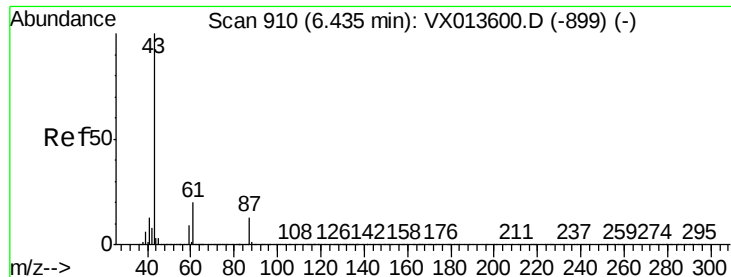
Tot Ion:	41	Resp:	130336
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.9	64.3
67	71.0	57.4	86.0
52	28.0	22.4	33.6



#42
1,2-Dichloroethane
Concen: 21.978 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion:	62	Resp:	224930
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.8



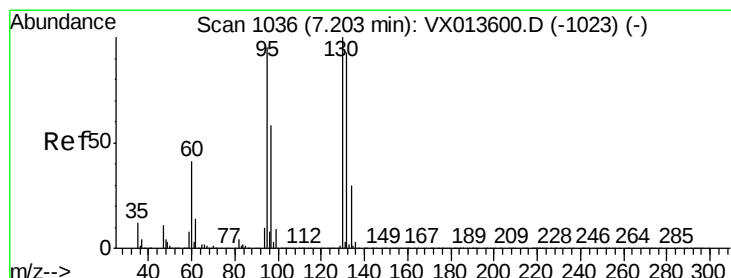
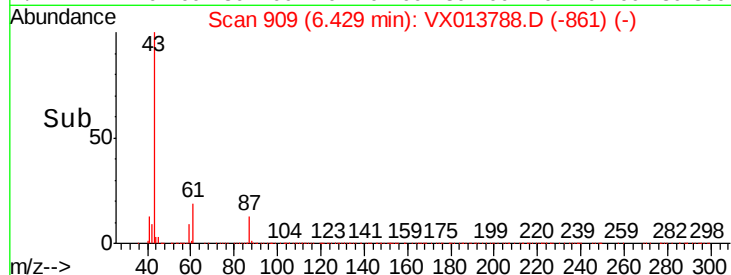
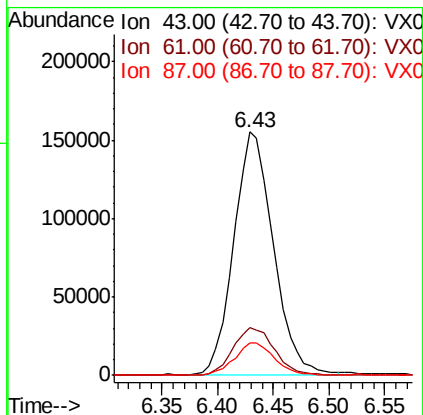
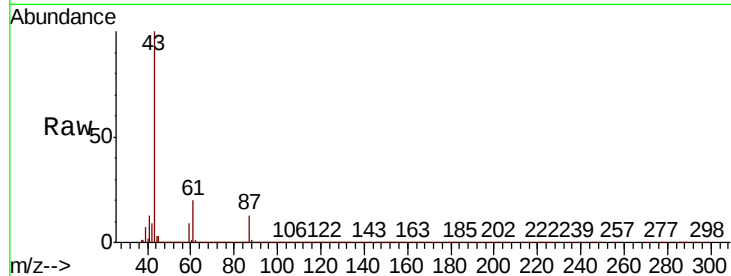


#43

Isopropyl Acetate
 Concen: 20.931 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

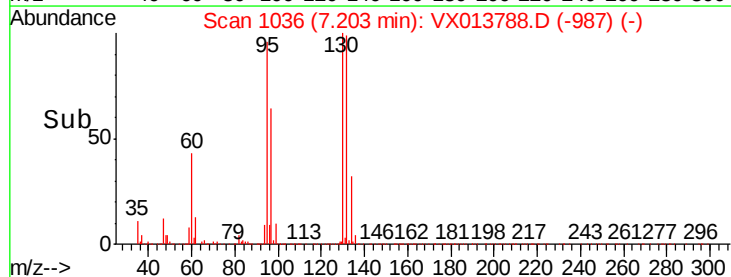
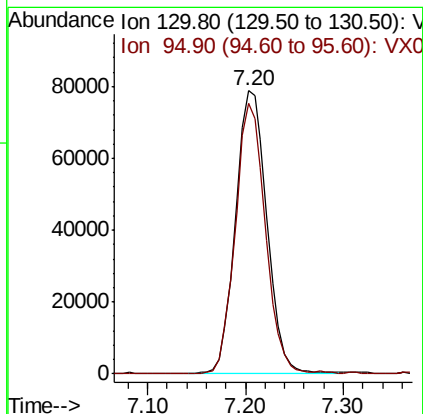
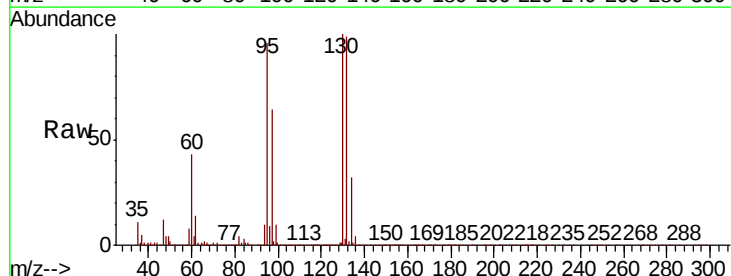
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.3	24.5
87	13.1	10.8	16.2

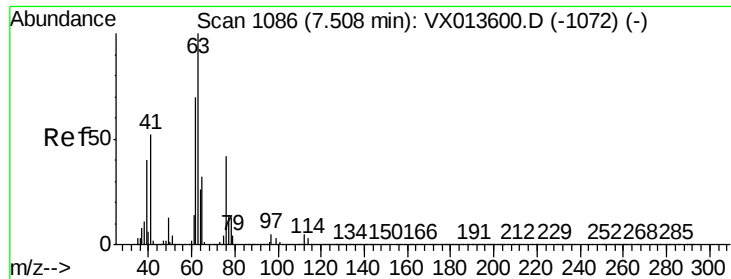


#44

Trichloroethene
 Concen: 21.182 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	190.8

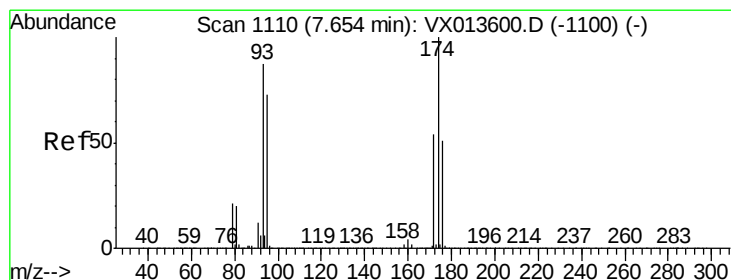
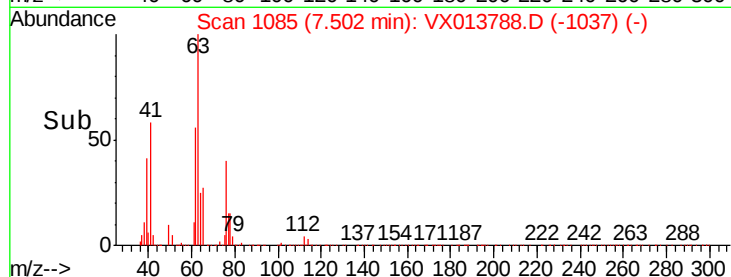
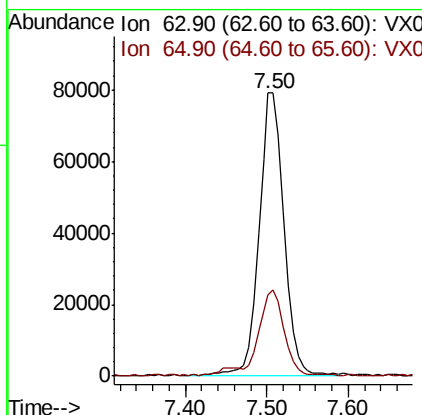
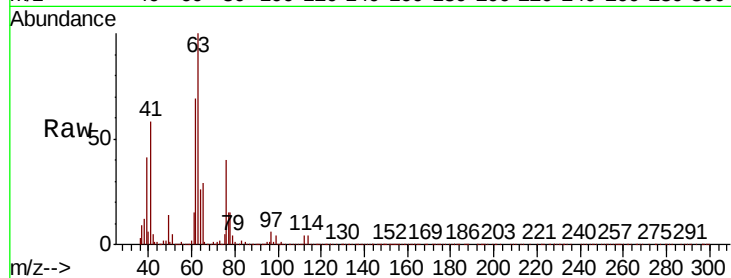




#45
 1,2-Dichloropropane
 Concen: 22.454 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

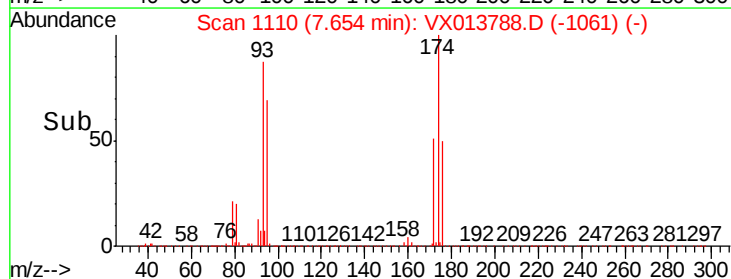
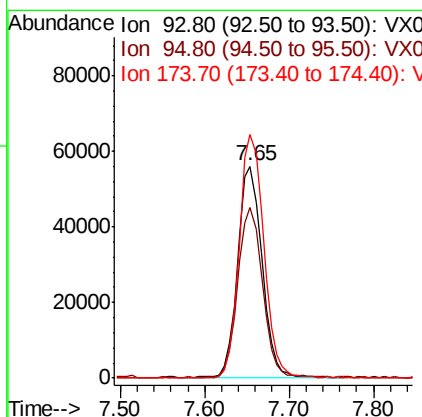
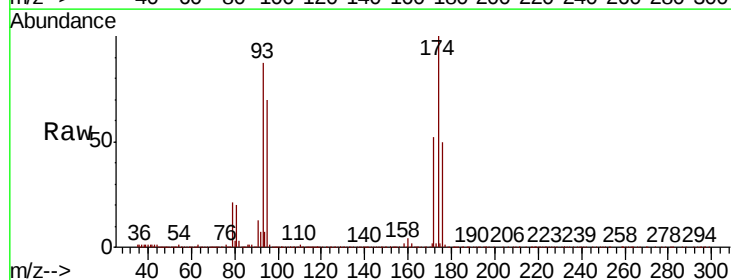
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

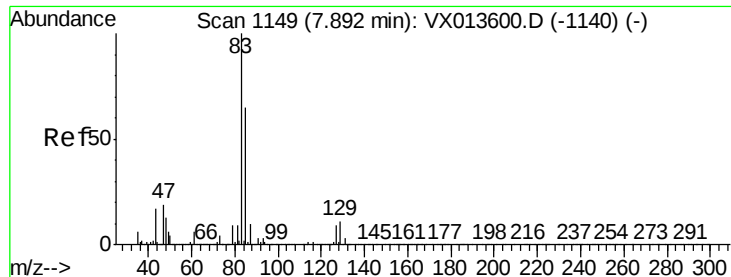
Tot Ion: 63 Resp: 168588
 Ion Ratio Lower Upper
 63 100
 65 28.6 25.5 38.3



#46
 Dibromomethane
 Concen: 21.189 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Tgt Ion: 93 Resp: 108048
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.2 99.2
 174 116.8 93.4 140.0





#47

Bromodichloromethane

Concen: 22.607 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

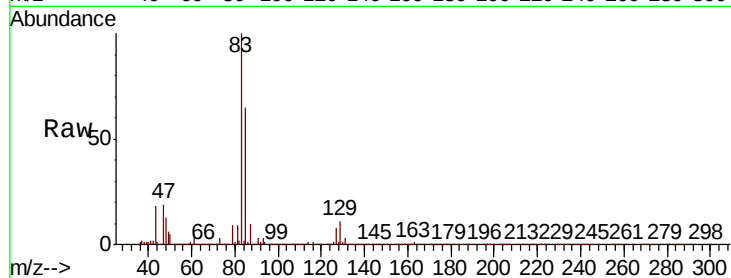
Tot Ion: 83 Resp: 217930

Ion Ratio Lower Upper

83 100

85 64.8 52.1 78.1

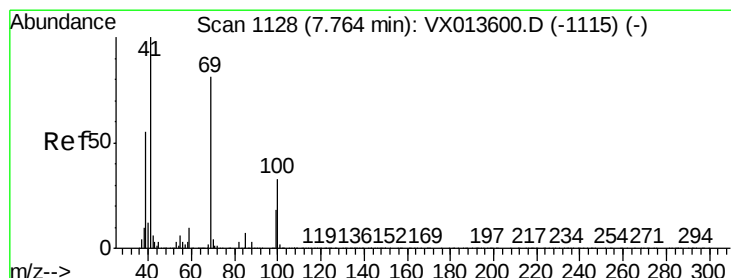
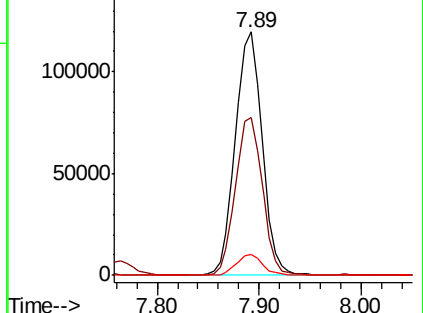
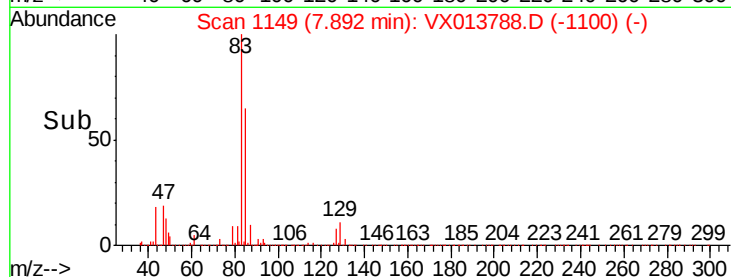
127 8.3 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.510 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

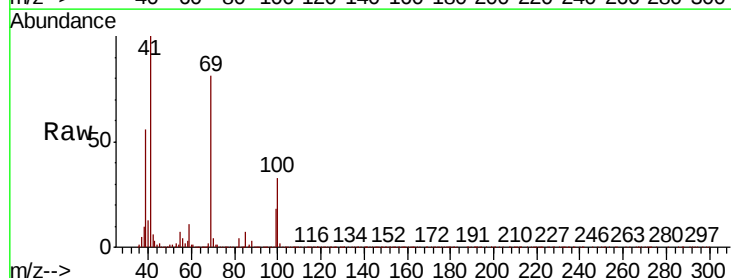
Tgt Ion: 41 Resp: 190186

Ion Ratio Lower Upper

41 100

69 84.2 64.7 97.1

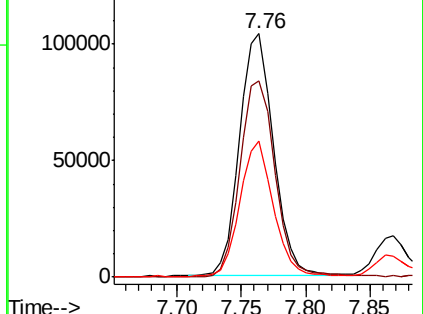
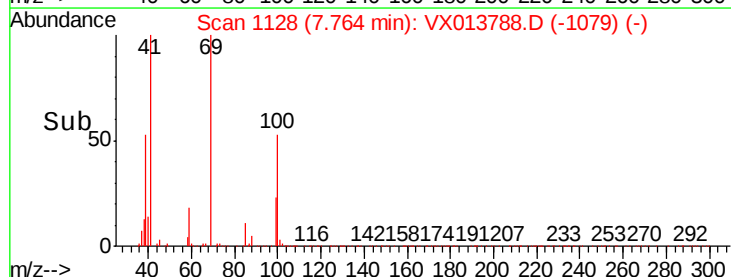
39 54.4 43.8 65.6

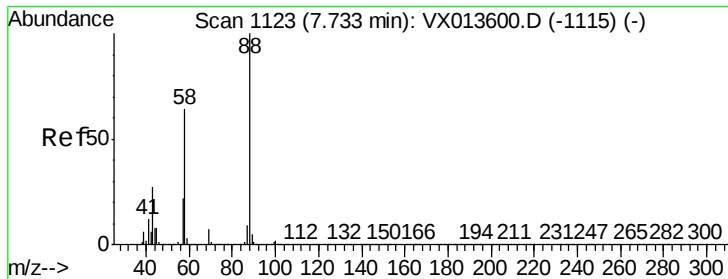


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

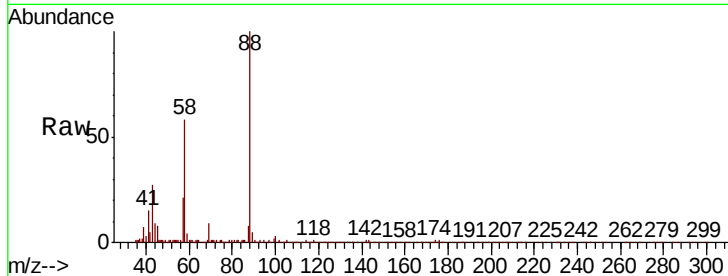




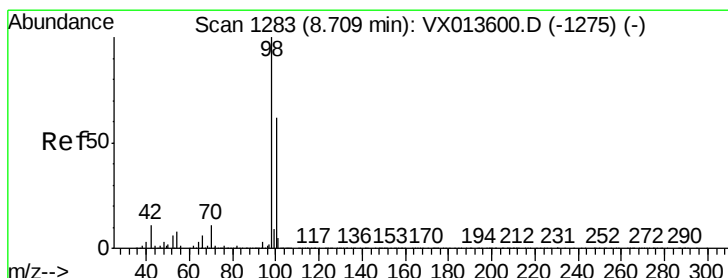
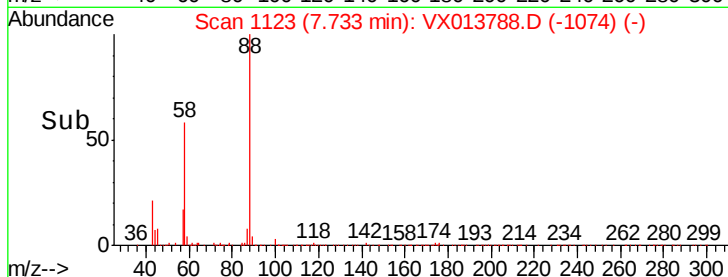
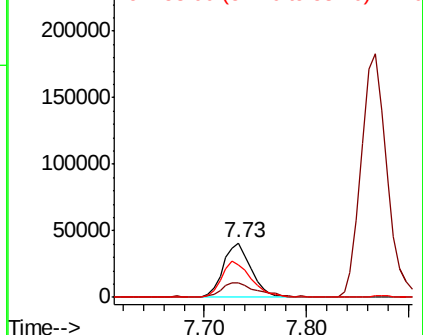
#49
1,4-Dioxane
Concen: 391.554 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion: 88 Resp: 77493
Ion Ratio Lower Upper
88 100
43 35.9 25.8 38.6
58 71.6 54.6 82.0

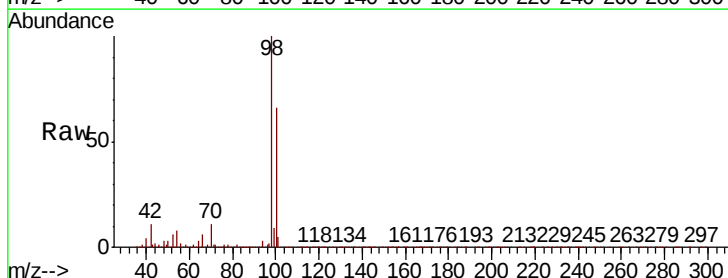


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

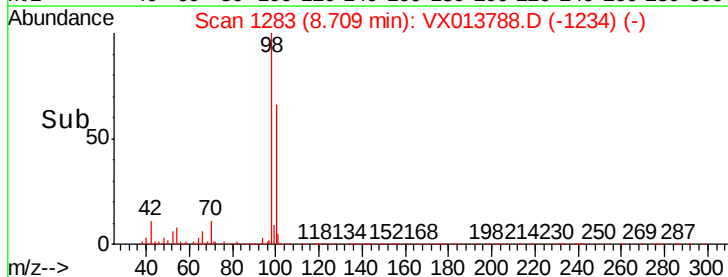
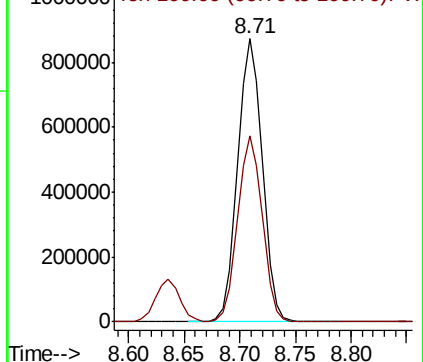


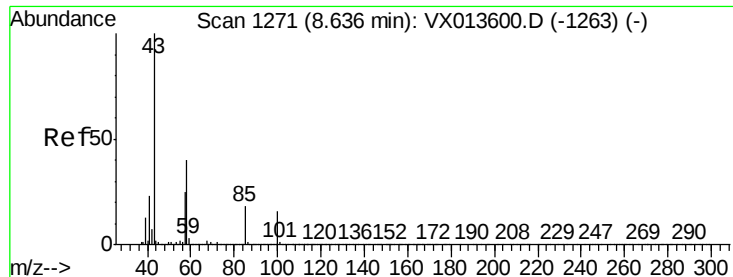
#50
Toluene-d8
Concen: 51.196 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion: 98 Resp: 1338445
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 106.042 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

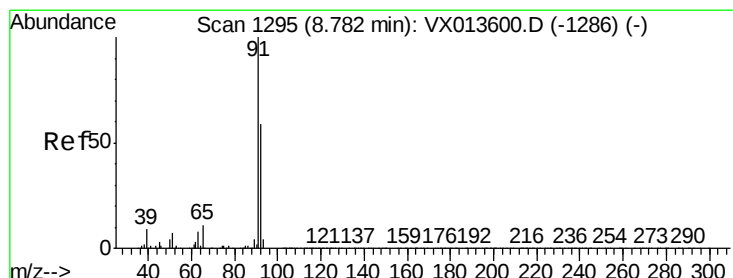
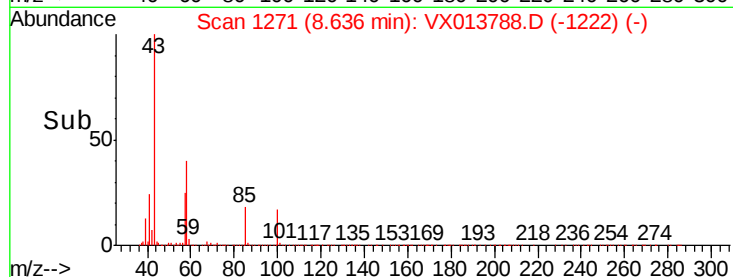
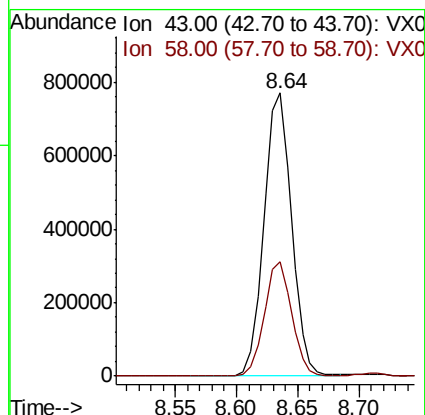
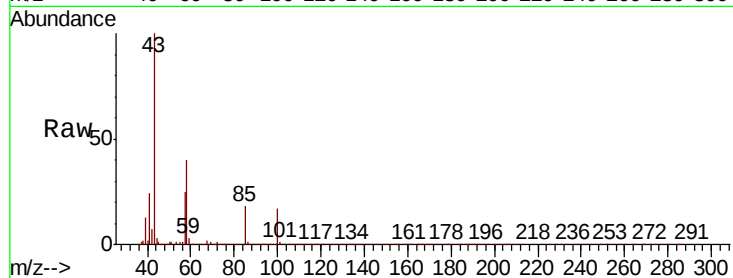
VX1206WBS01

Tot Ion: 43 Resp: 1213816

Ion Ratio Lower Upper

43 100

58 39.9 32.1 48.1



#52

Toluene

Concen: 21.951 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013788.D

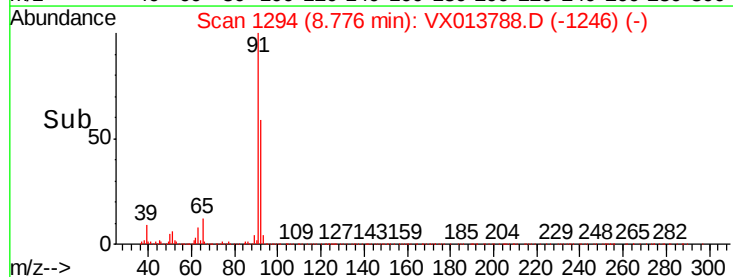
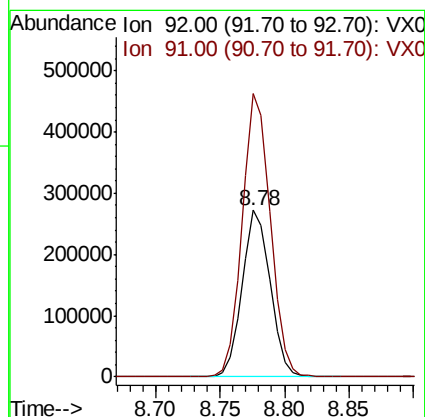
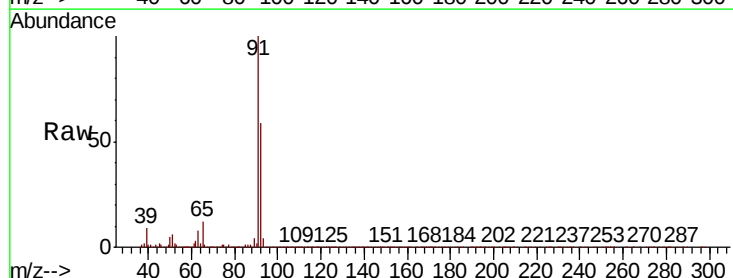
Acq: 06 Dec 2019 10:36

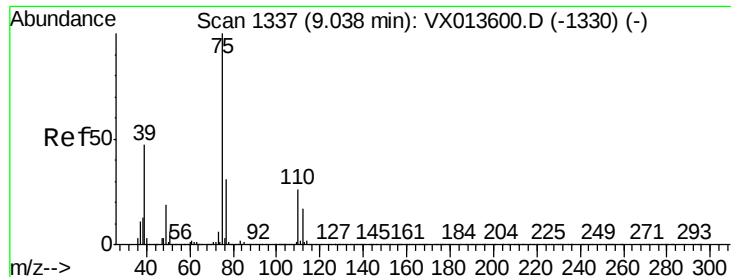
Tgt Ion: 92 Resp: 409218

Ion Ratio Lower Upper

92 100

91 170.6 136.2 204.2

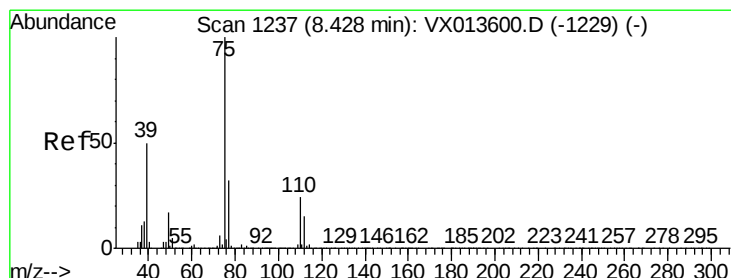
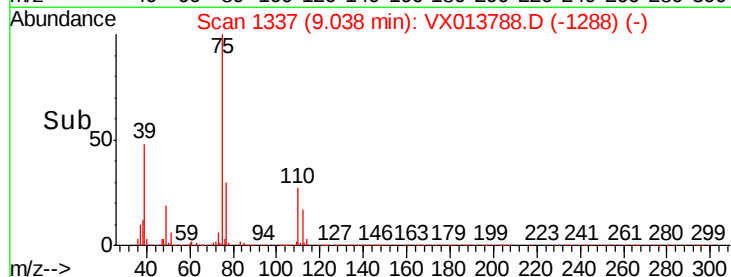
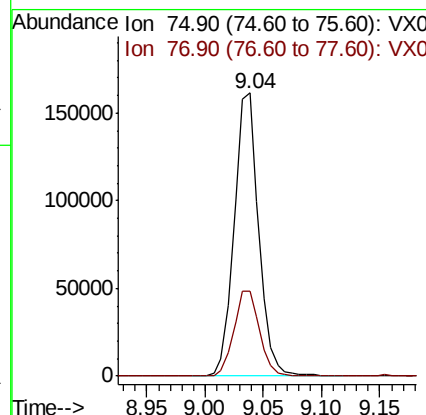
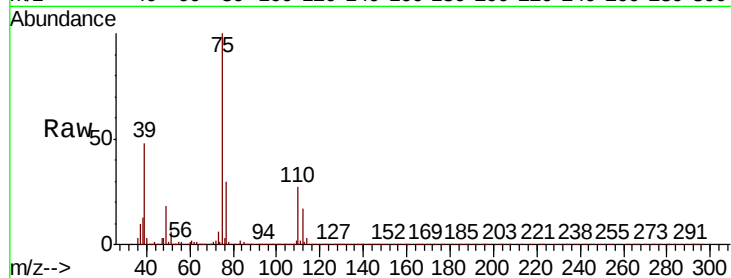




#53
t-1,3-Dichloropropene
Concen: 21.483 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

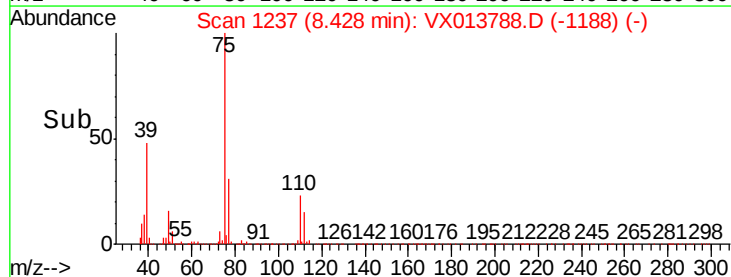
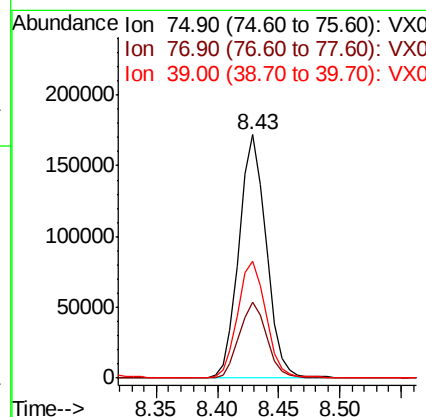
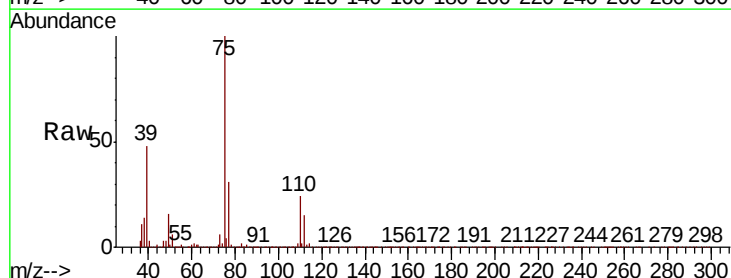
Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

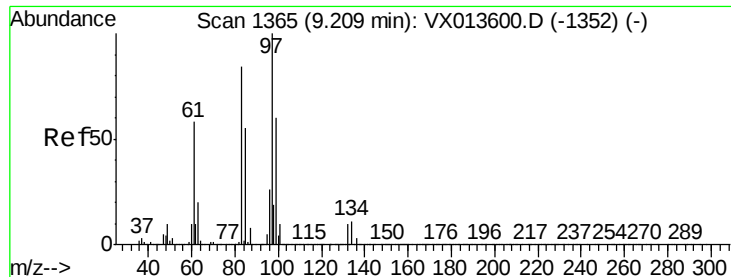
Tot Ion: 75 Resp: 235726
Ion Ratio Lower Upper
75 100
77 30.0 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 22.098 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion: 75 Resp: 264909
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6
39 48.1 39.9 59.9

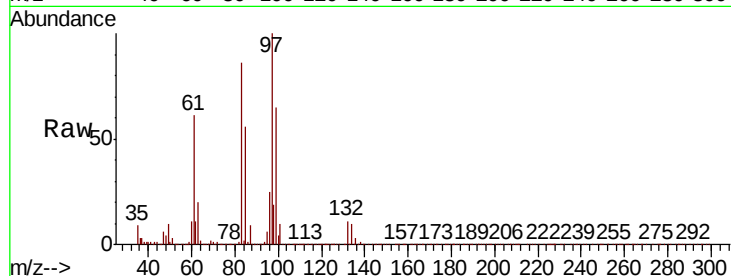




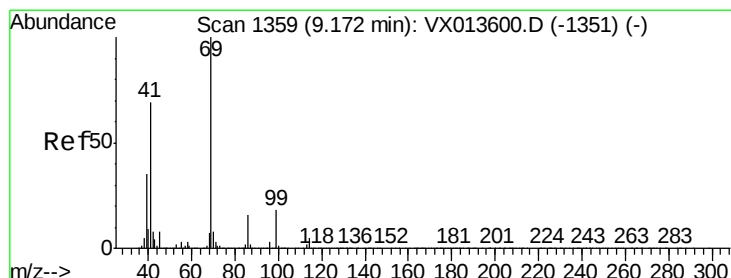
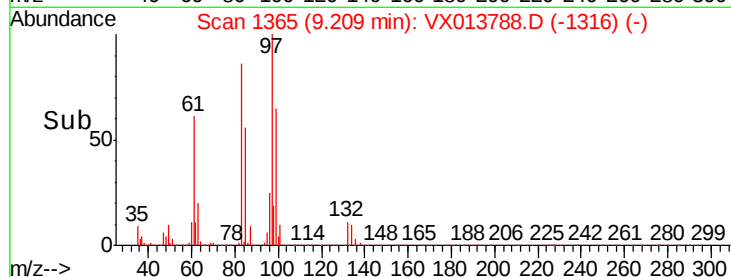
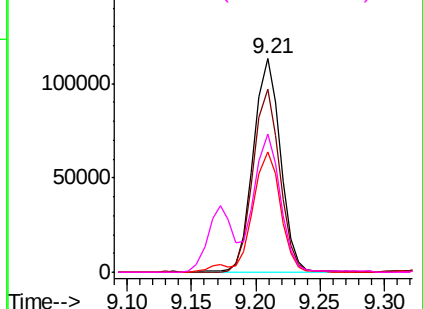
#55
 1,1,2-Trichloroethane
 Concen: 21.840 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Tot Ion:	97	Resp:	164078
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.3	100.9
85	56.1	43.6	65.4
99	64.6	48.2	72.4

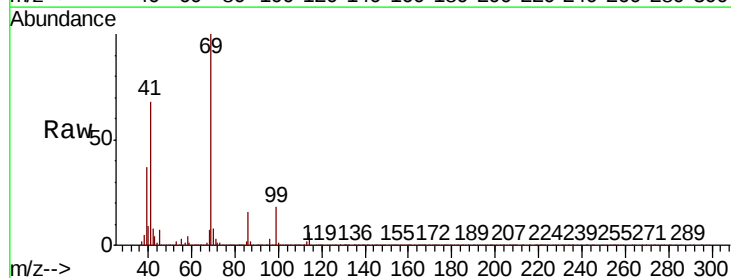


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

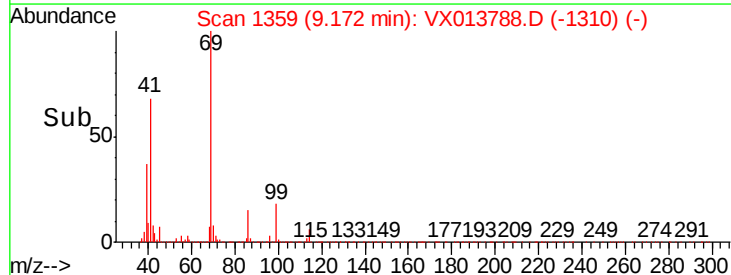
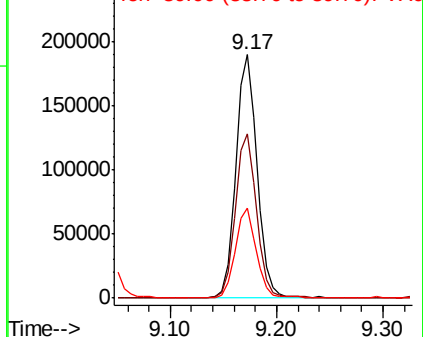


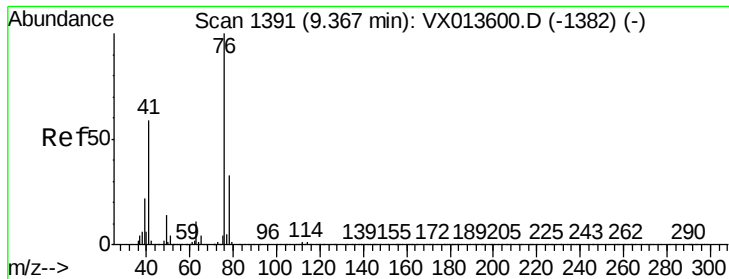
#56
 Ethyl methacrylate
 Concen: 22.008 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Tgt Ion:	69	Resp:	265815
Ion	Ratio	Lower	Upper
69	100		
41	67.0	55.0	82.4
39	36.0	28.7	43.1



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 21.407 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

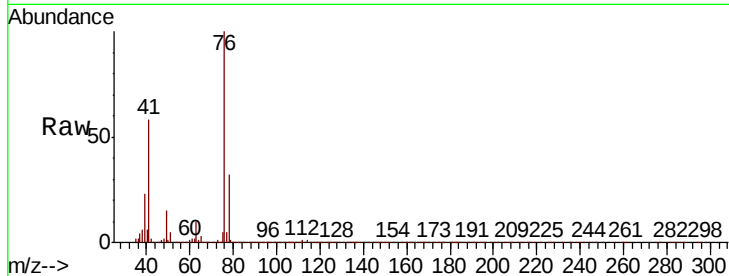
VX1206WBS01

Tot Ion: 76 Resp: 277201

Ion Ratio Lower Upper

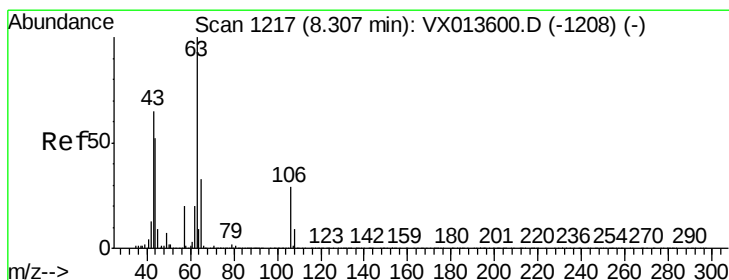
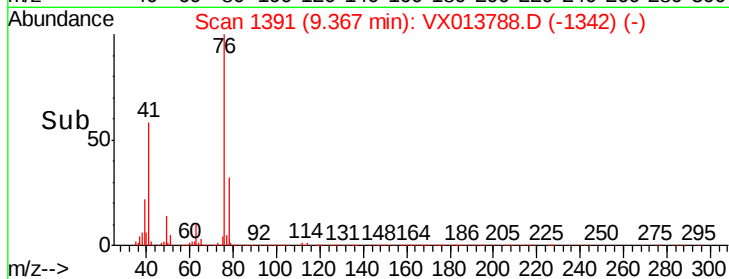
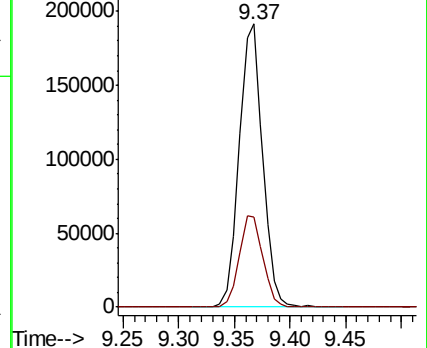
76 100

78 33.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 81.823 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013788.D

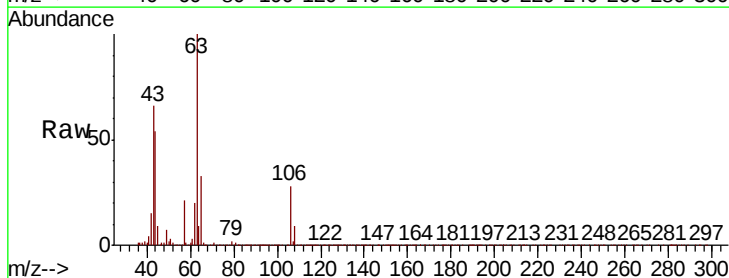
Acq: 06 Dec 2019 10:36

Tgt Ion: 63 Resp: 387483

Ion Ratio Lower Upper

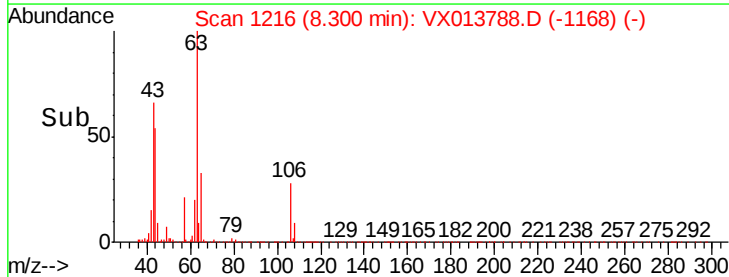
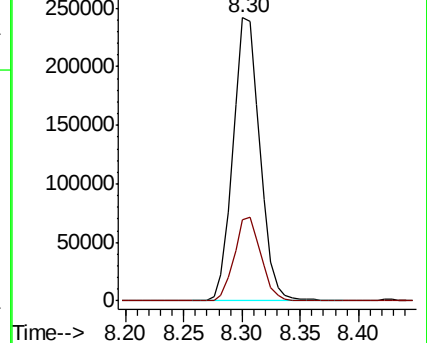
63 100

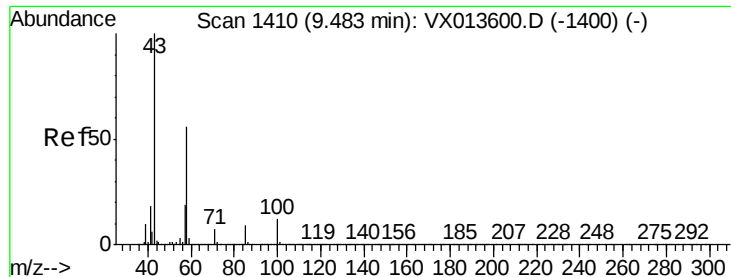
106 29.4 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

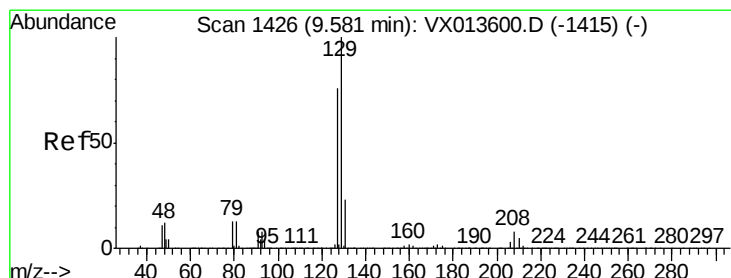
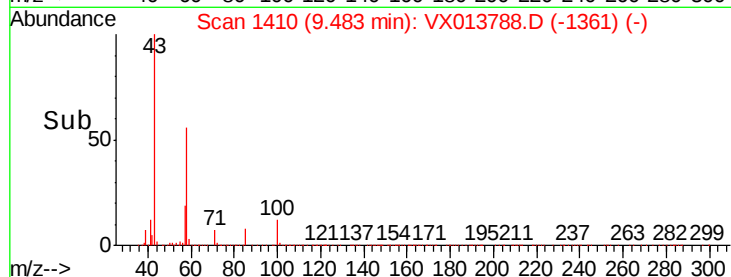
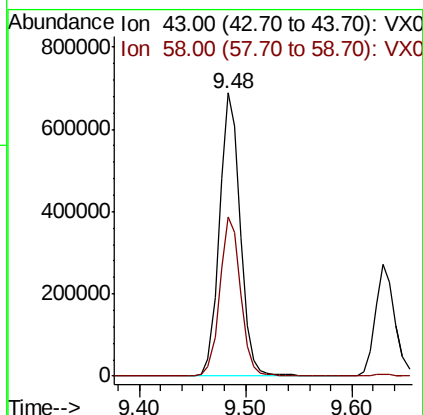
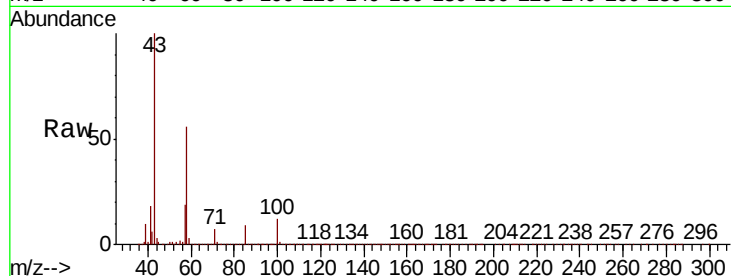




#59
2-Hexanone
Concen: 104.350 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

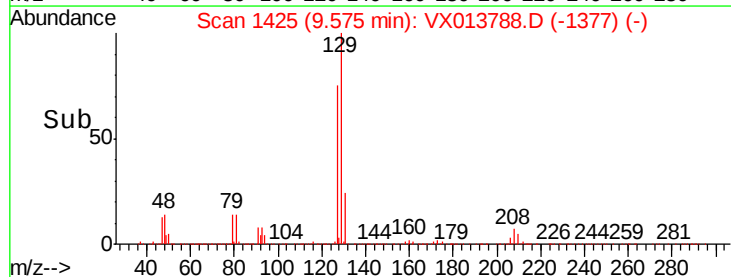
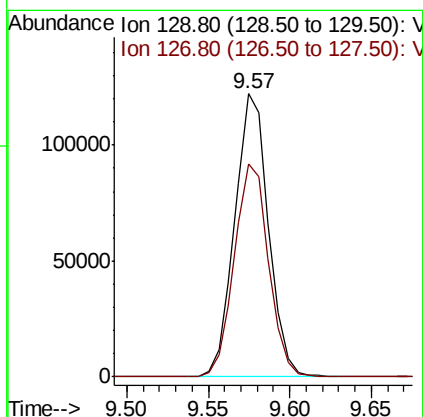
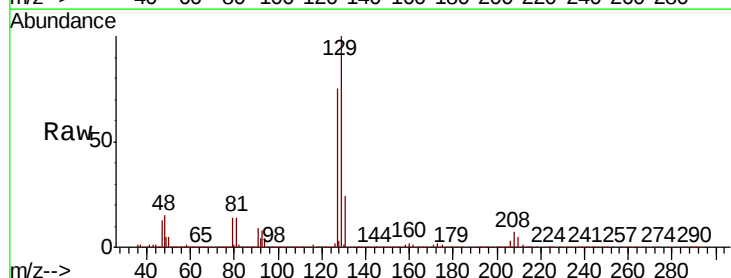
Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

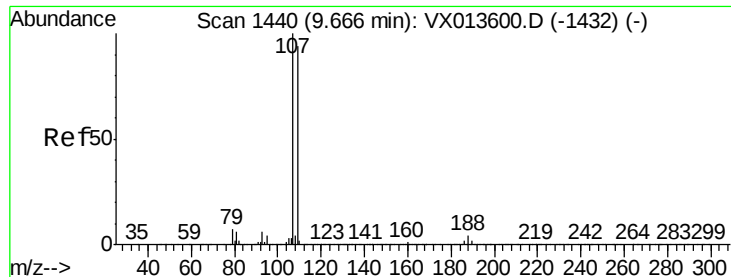
Tot Ion: 43 Resp: 931584
Ion Ratio Lower Upper
43 100
58 56.4 28.1 84.4



#60
Dibromochloromethane
Concen: 22.494 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion: 129 Resp: 175373
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 21.457 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampled :

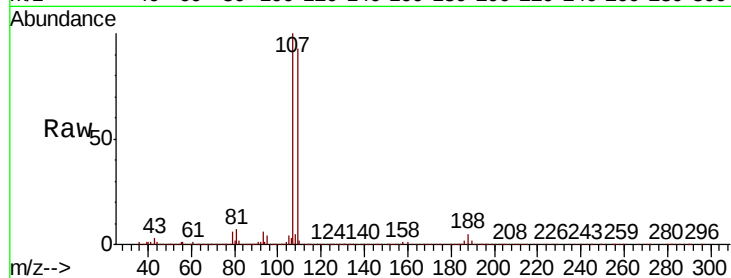
VX1206WBS01

Tot Ion: 107 Resp: 172169

Ion Ratio Lower Upper

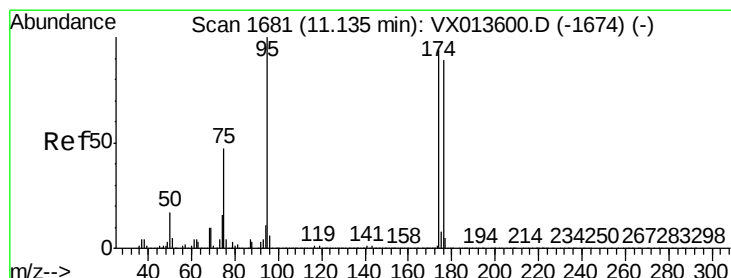
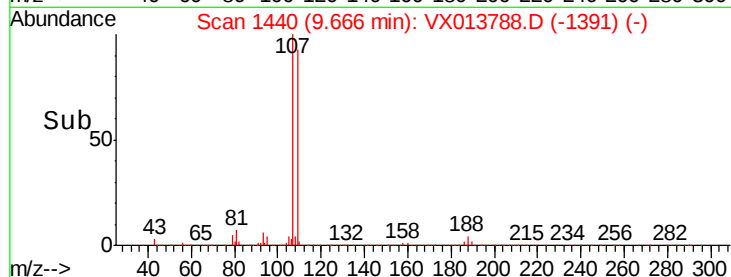
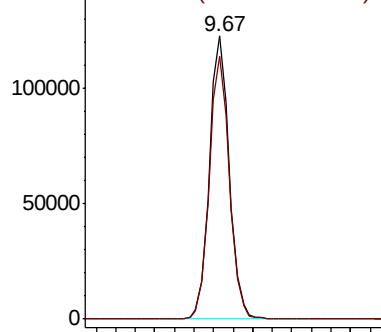
107 100

109 94.2 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.351 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

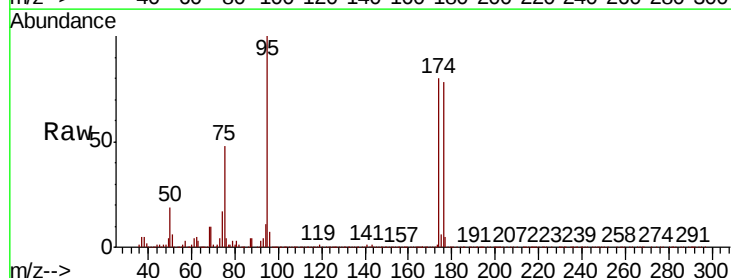
Tgt Ion: 95 Resp: 484111

Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.0

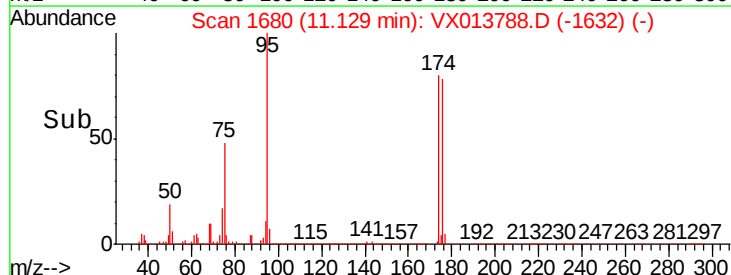
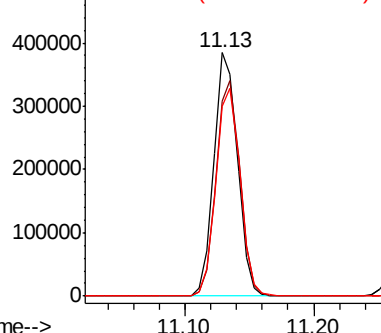
176 87.6 0.0 173.6

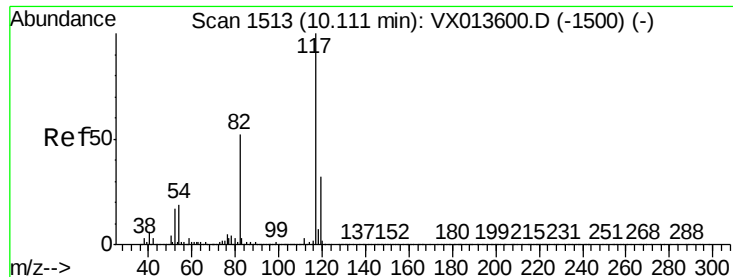


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

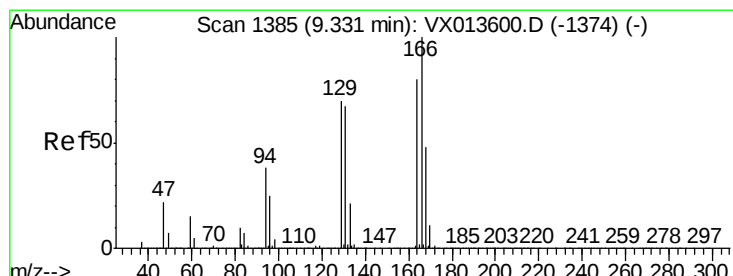
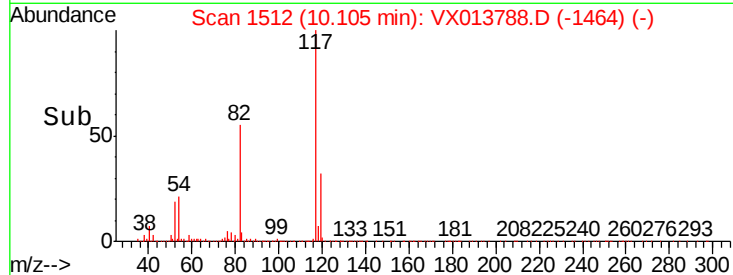
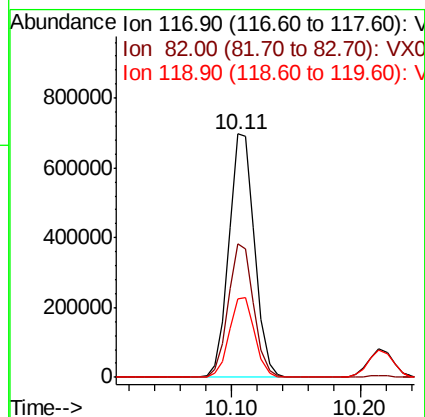
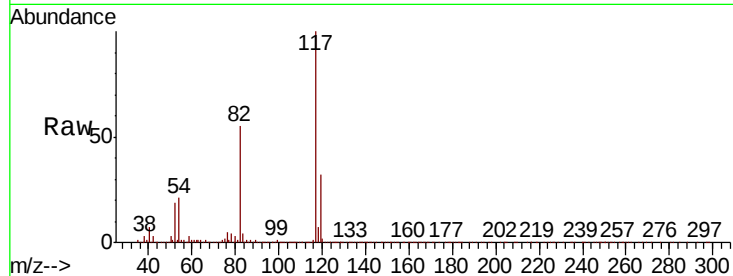




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

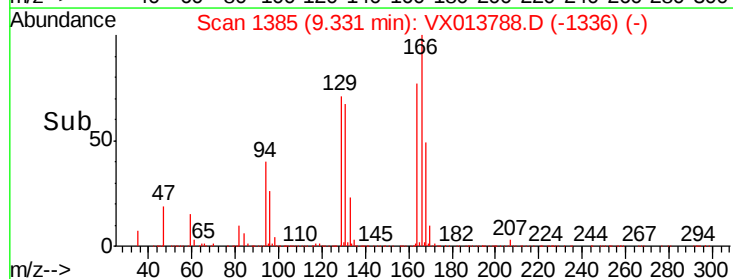
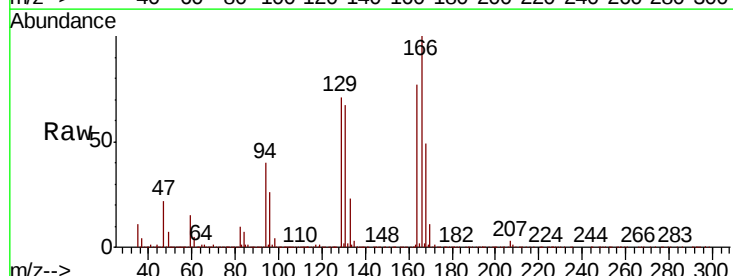
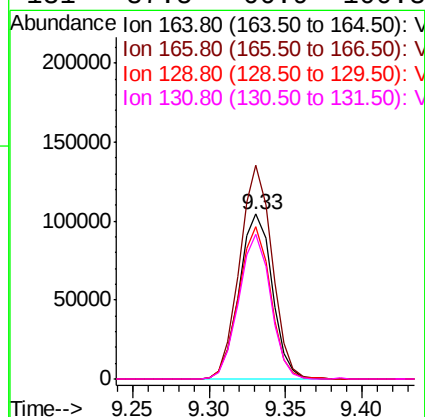
Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

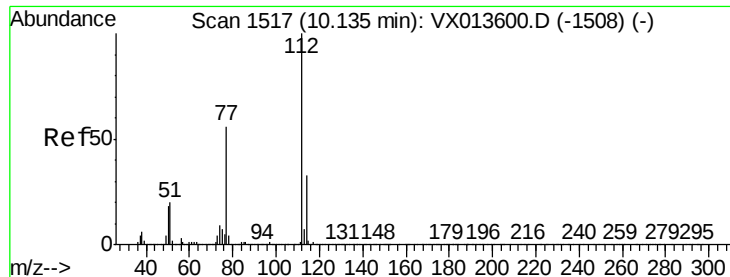
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	41.8	62.8
119	32.2	25.8	38.8



#64
Tetrachloroethene
Concen: 21.489 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	99.7	149.5
129	92.4	70.1	105.1
131	87.5	66.9	100.3





#65

Chlorobenzene

Concen: 21.722 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

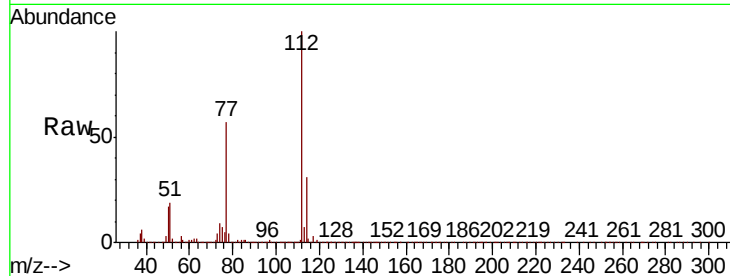
VX1206WBS01

Tot Ion:112 Resp: 440129

Ion Ratio Lower Upper

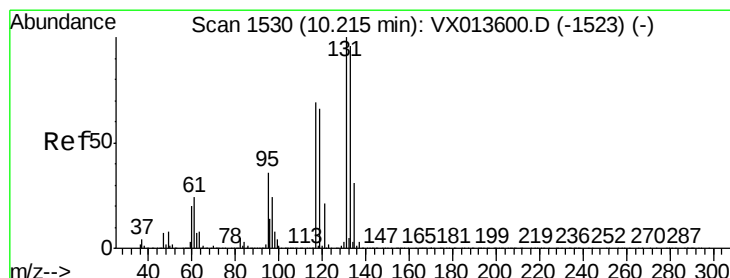
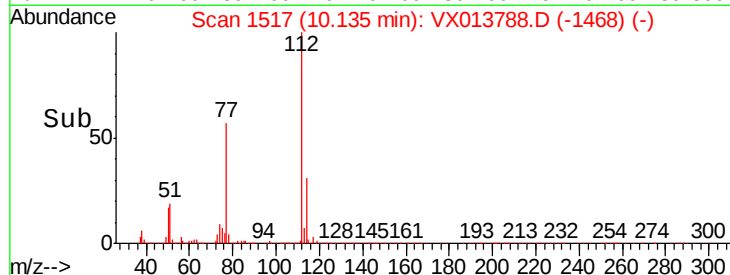
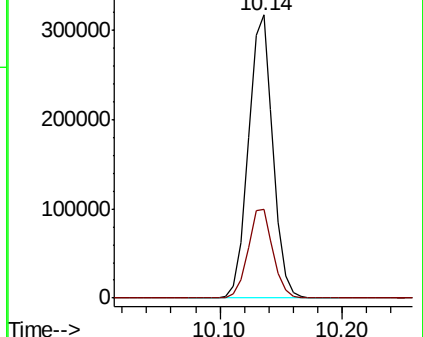
112 100

114 31.2 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.560 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

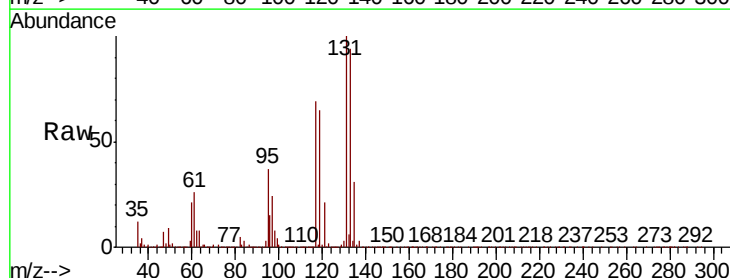
Tgt Ion:131 Resp: 164141

Ion Ratio Lower Upper

131 100

133 94.3 47.7 143.1

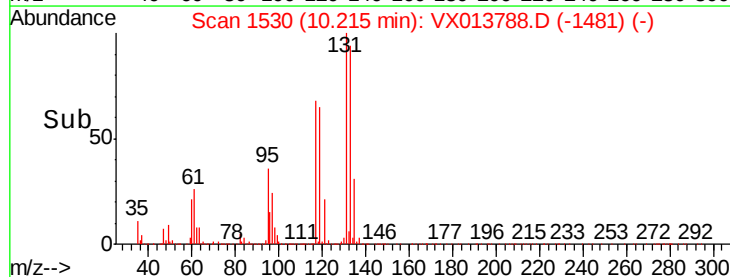
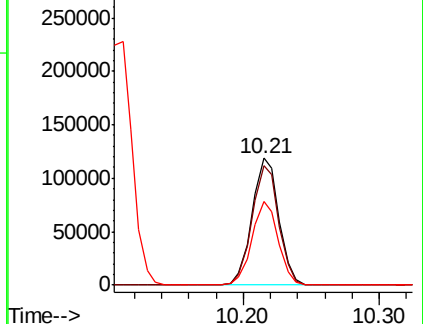
119 64.6 32.9 98.6

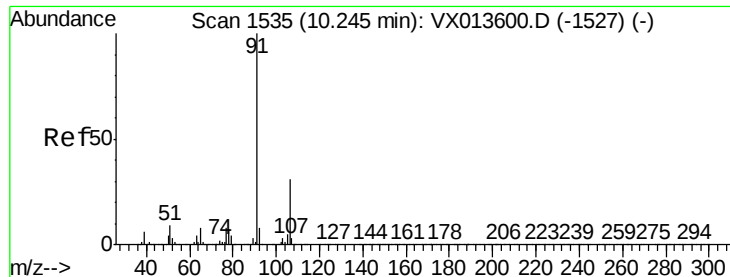


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 22.406 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

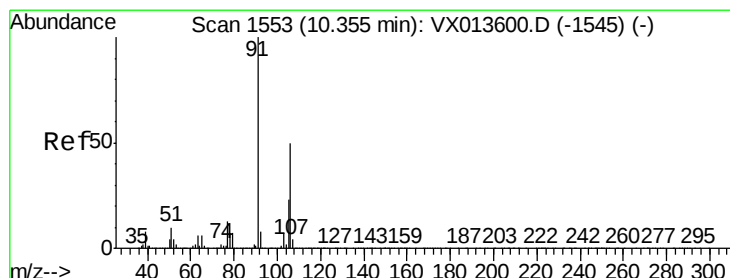
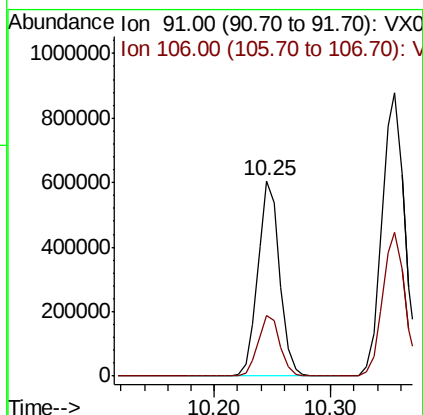
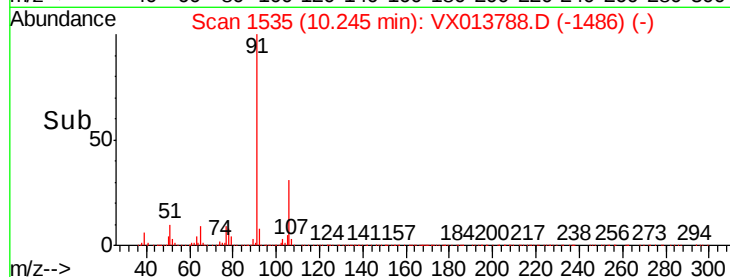
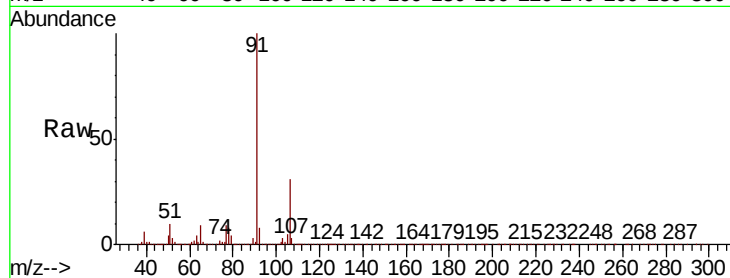
VX1206WBS01

Tot Ion: 91 Resp: 780124

Ion Ratio Lower Upper

91 100

106 30.9 24.5 36.7



#68

m/p-Xylenes

Concen: 44.755 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013788.D

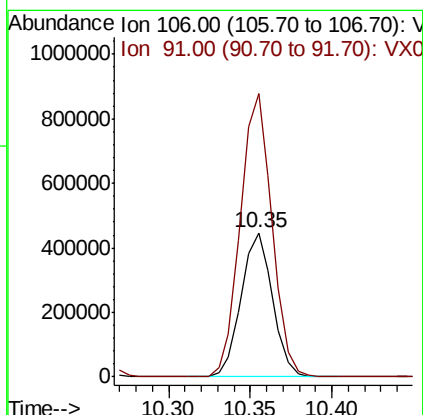
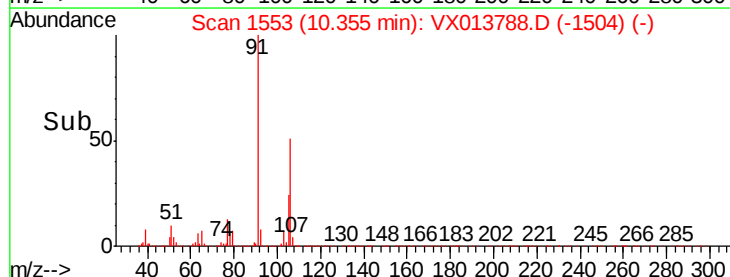
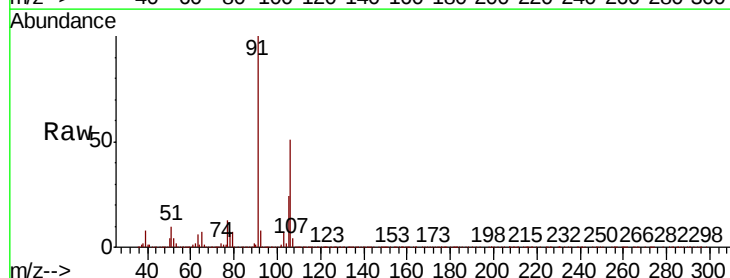
Acq: 06 Dec 2019 10:36

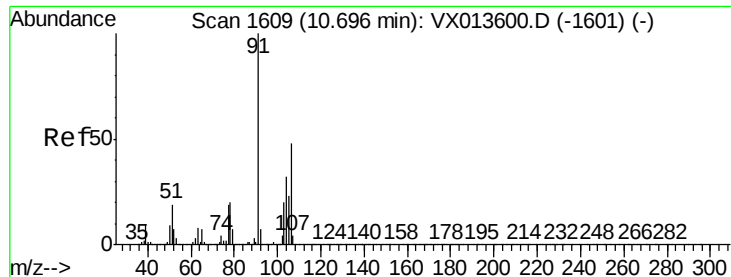
Tgt Ion: 106 Resp: 596596

Ion Ratio Lower Upper

106 100

91 199.0 159.0 238.4

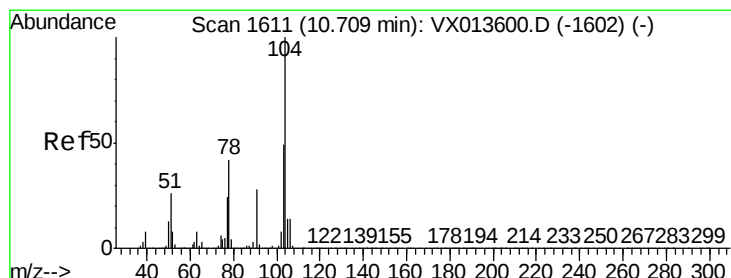
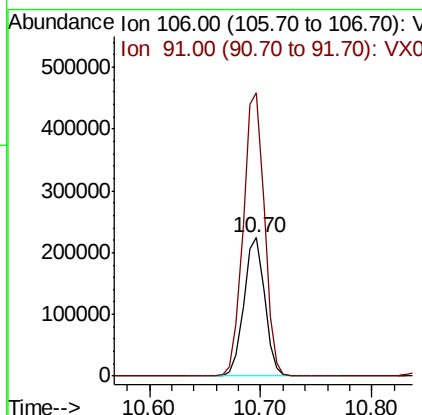
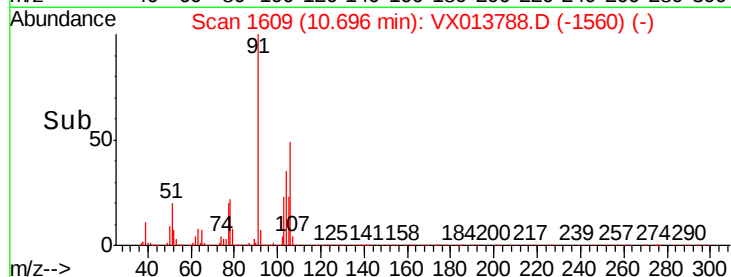
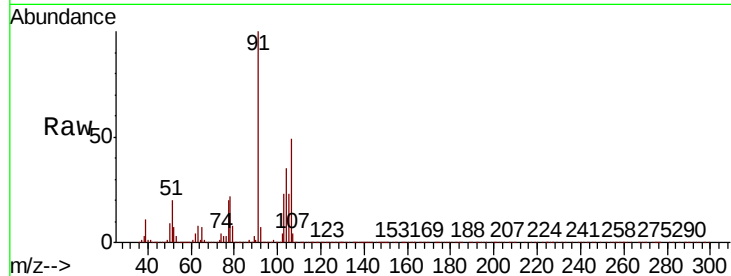




#69
o-Xylene
Concen: 22.286 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

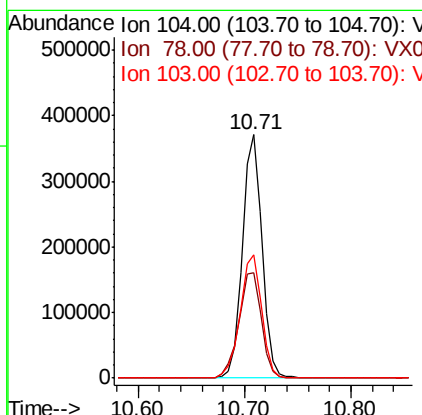
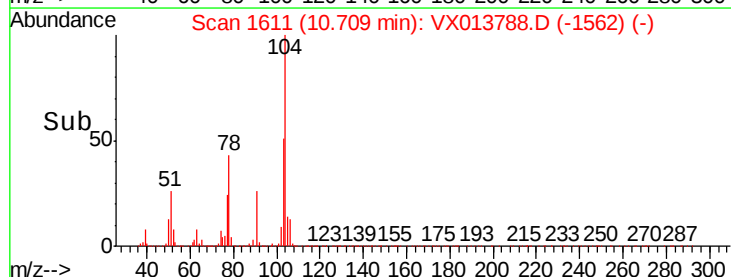
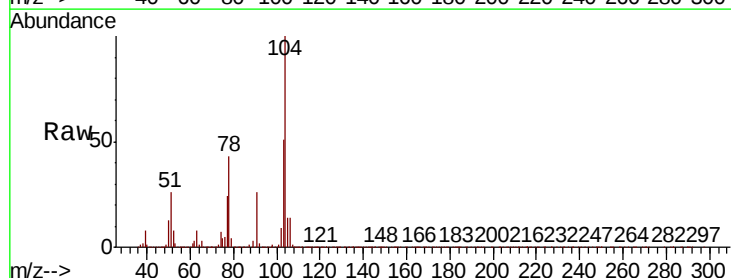
Instrument :
MSVOA_X
ClientSampled :
VX1206WBS01

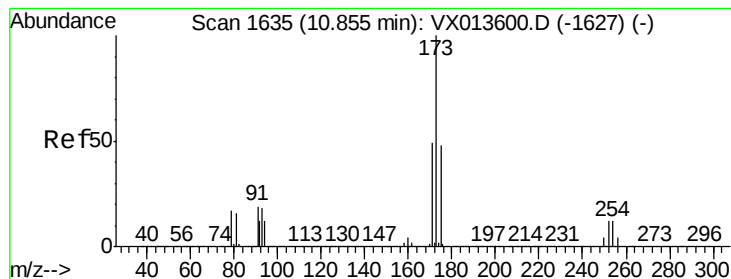
Tot Ion:106 Resp: 289735
Ion Ratio Lower Upper
106 100
91 208.7 104.1 312.2



#70
Styrene
Concen: 21.996 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion:104 Resp: 481051
Ion Ratio Lower Upper
104 100
78 50.1 38.5 57.7
103 55.7 43.7 65.5





#71

Bromoform

Concen: 21.677 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

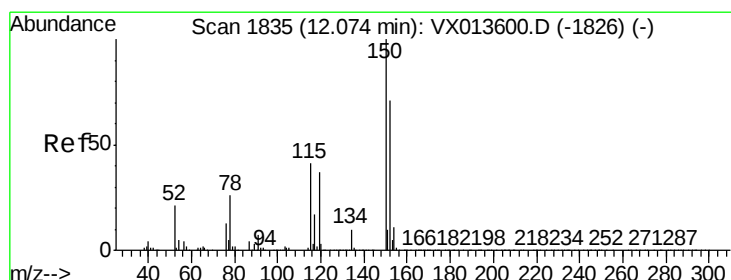
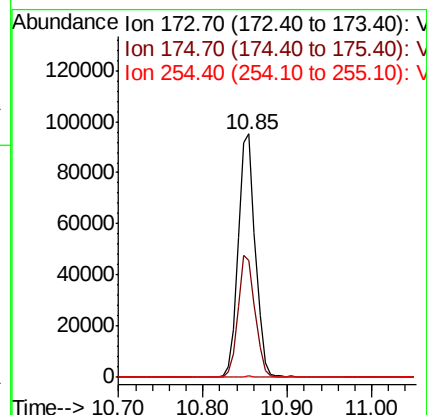
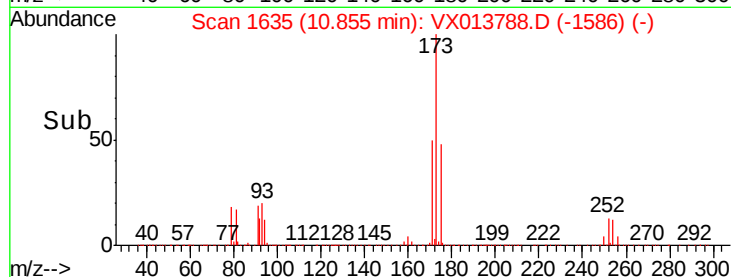
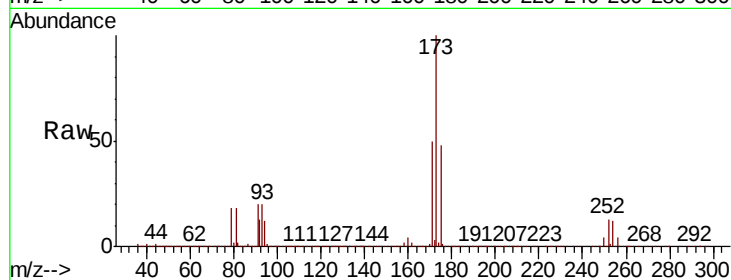
Tot Ion:173 Resp: 130501

Ion Ratio Lower Upper

173 100

175 49.8 24.3 72.8

254 0.2 0.2 0.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

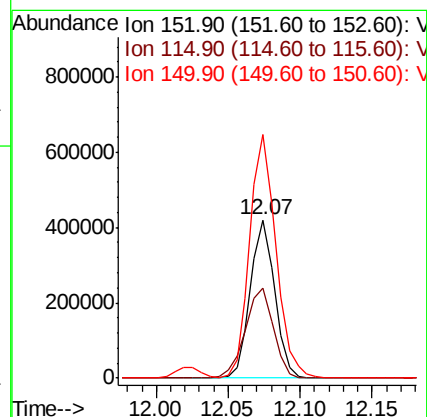
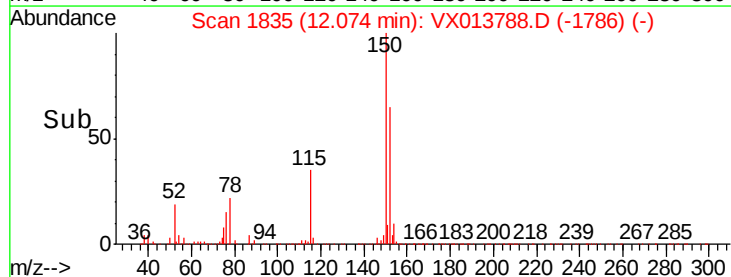
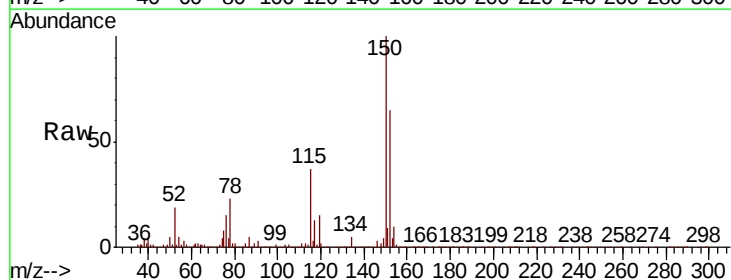
Tgt Ion:152 Resp: 491560

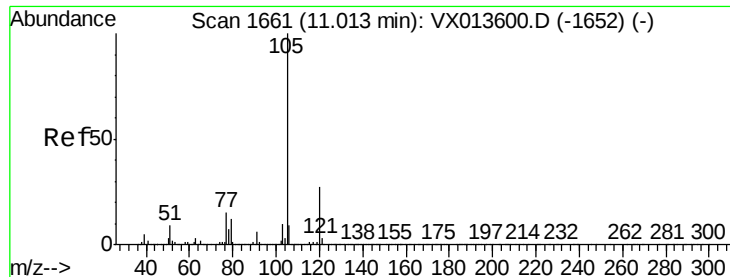
Ion Ratio Lower Upper

152 100

115 66.1 38.4 115.1

150 165.6 0.0 346.8





#73

Isopropylbenzene

Concen: 22.354 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

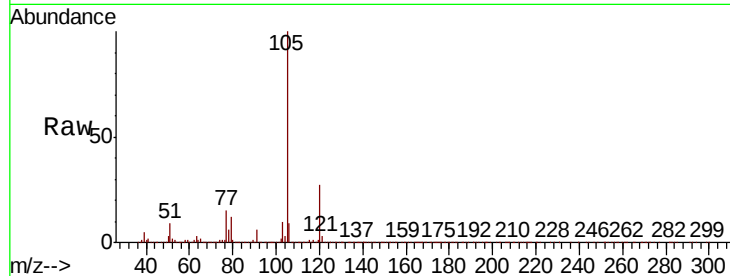
VX1206WBS01

Tot Ion:105 Resp: 770773

Ion Ratio Lower Upper

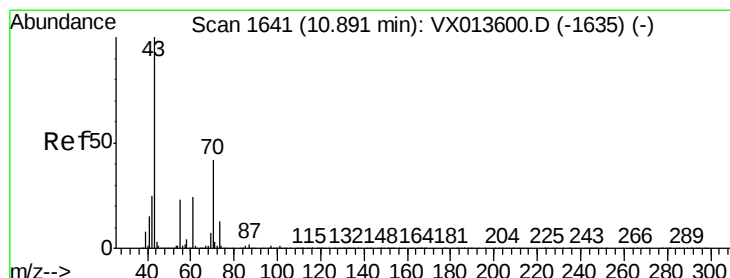
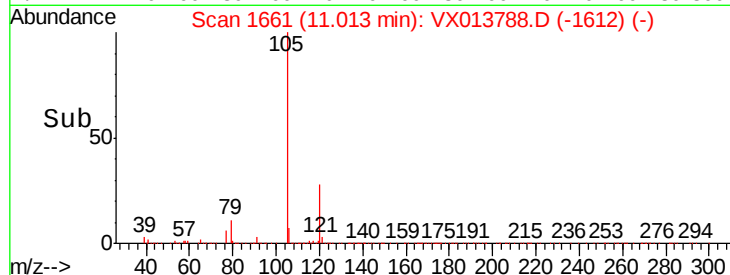
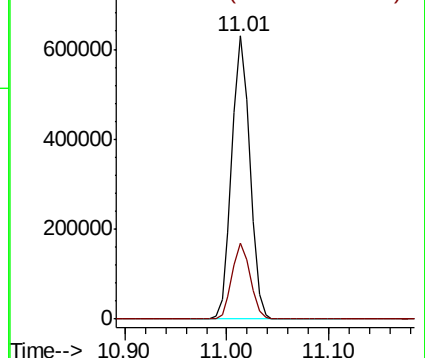
105 100

120 27.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.526 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Tgt Ion: 43 Resp: 340012

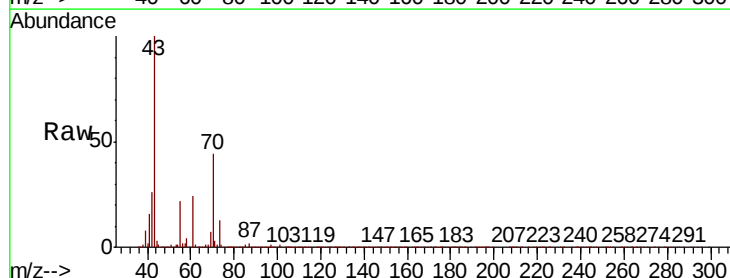
Ion Ratio Lower Upper

43 100

70 44.5 34.3 51.5

55 23.3 18.5 27.7

61 24.6 19.8 29.8

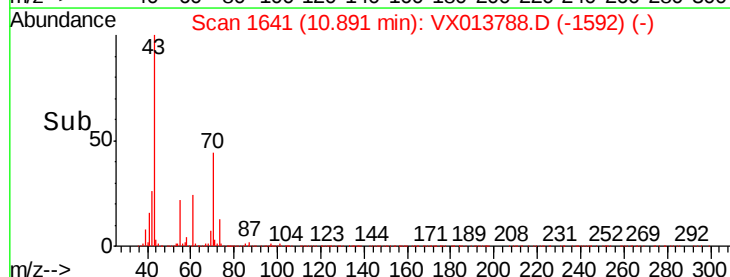
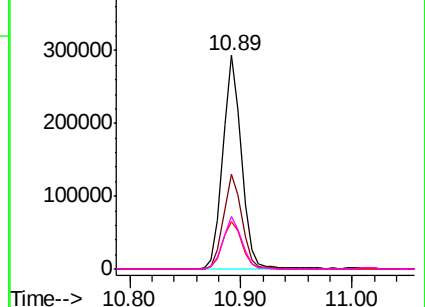


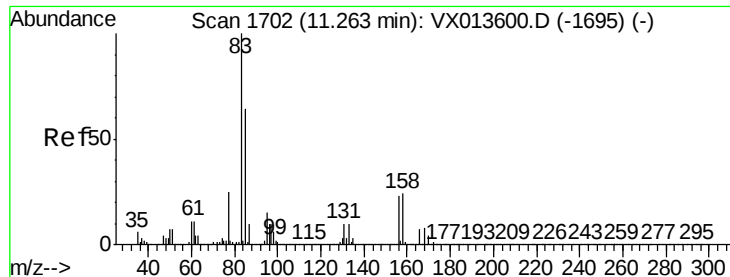
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.915 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampled :

VX1206WBS01

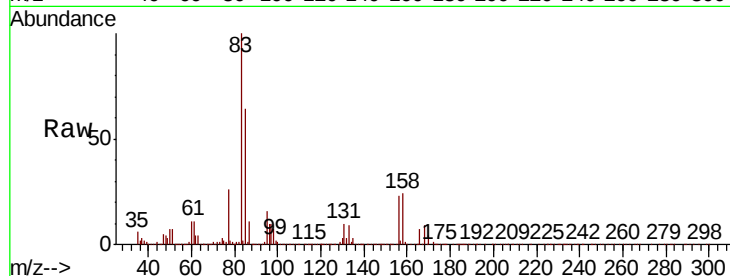
Tot Ion: 83 Resp: 262057

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

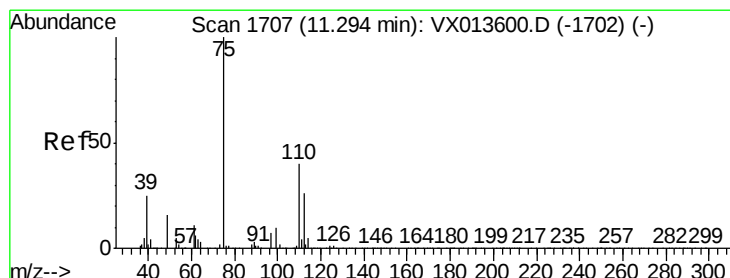
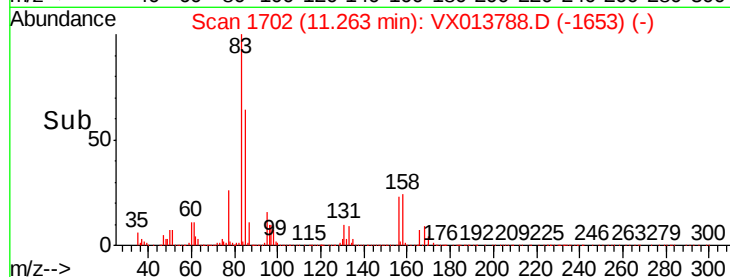
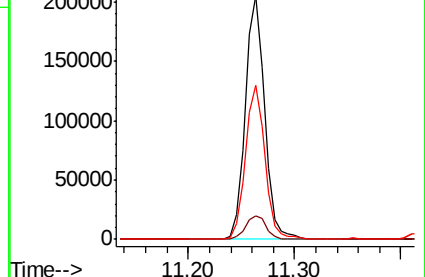
85 63.7 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX013600.D (-1695) (-)

Ion 130.80 (130.50 to 131.50): VX013600.D (-1695) (-)

Ion 84.90 (84.60 to 85.60): VX013600.D (-1695) (-)



#76

1,2,3-Trichloropropane

Concen: 26.470 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013788.D

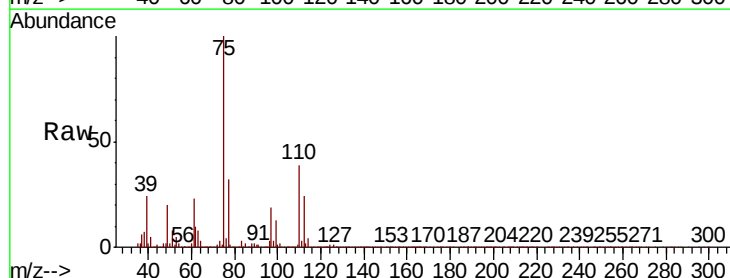
Acq: 06 Dec 2019 10:36

Tgt Ion: 75 Resp: 292649

Ion Ratio Lower Upper

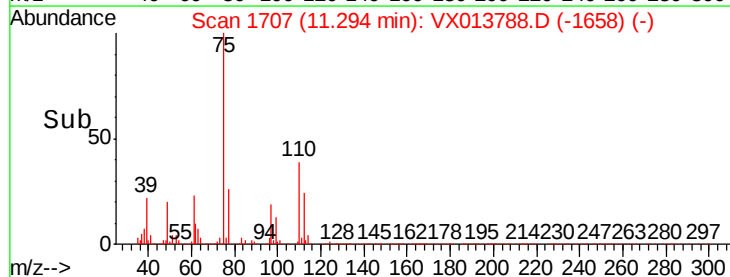
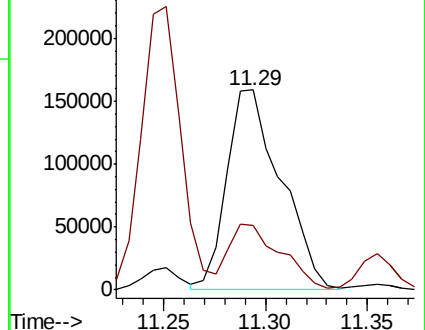
75 100

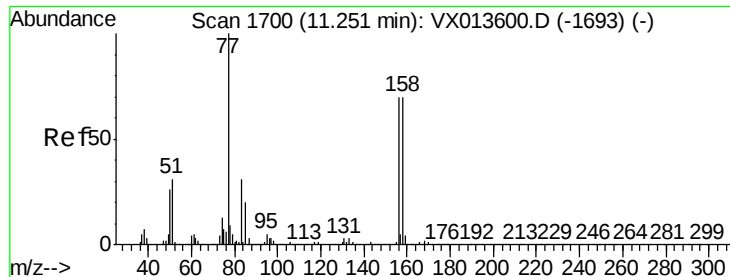
77 30.9 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX013600.D (-1702) (-)

Ion 77.00 (76.70 to 77.70): VX013600.D (-1702) (-)





#77

Bromobenzene

Concen: 21.427 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

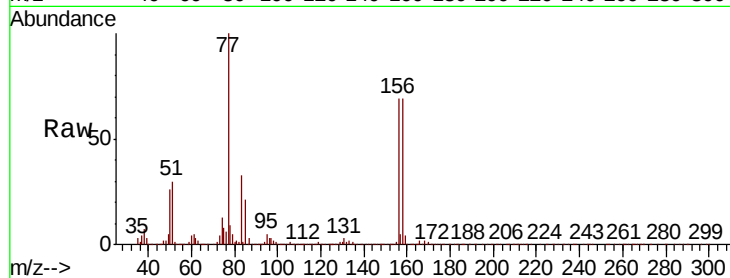
Tot Ion:156 Resp: 199593

Ion Ratio Lower Upper

156 100

77 152.6 74.4 223.1

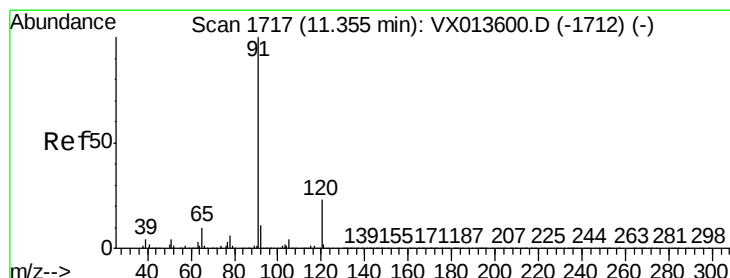
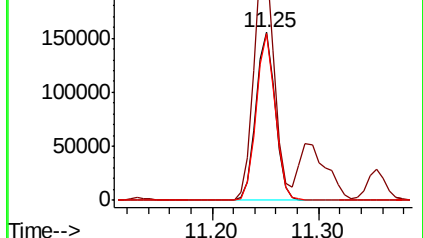
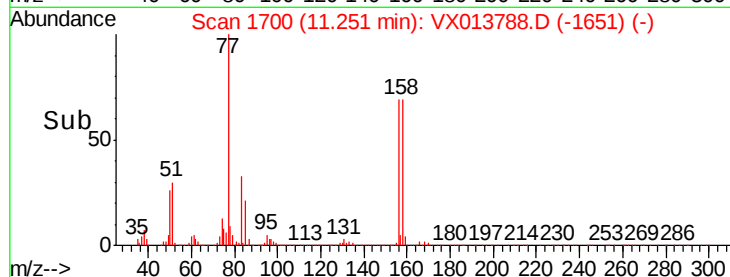
158 98.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.527 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013788.D

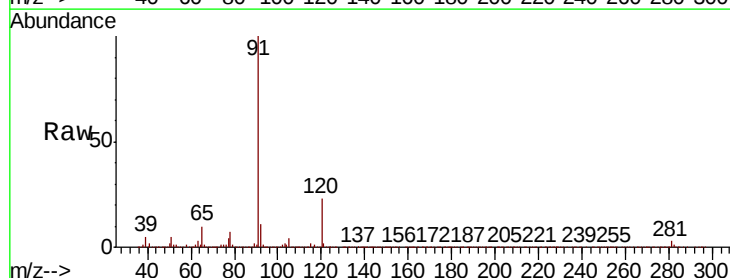
Acq: 06 Dec 2019 10:36

Tgt Ion: 91 Resp: 867085

Ion Ratio Lower Upper

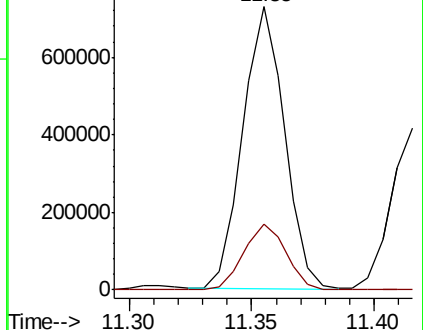
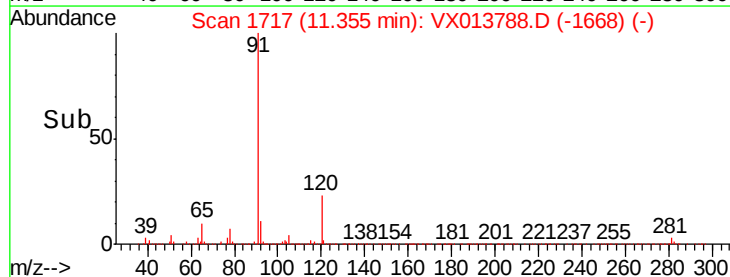
91 100

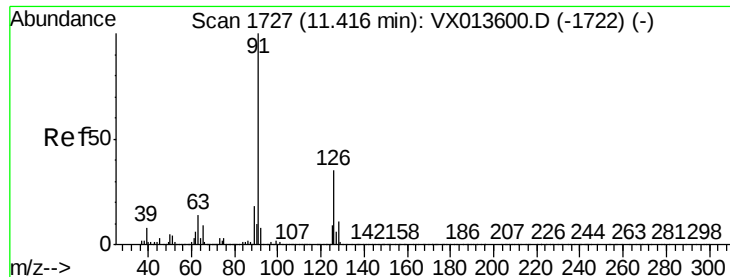
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.336 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

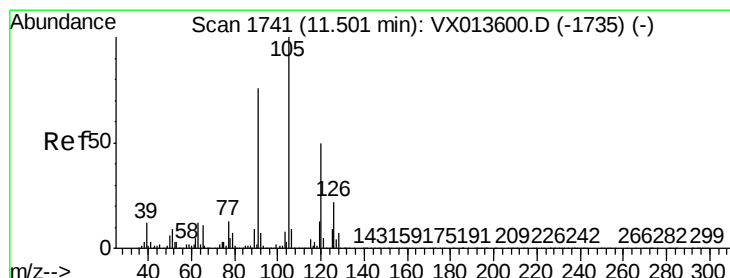
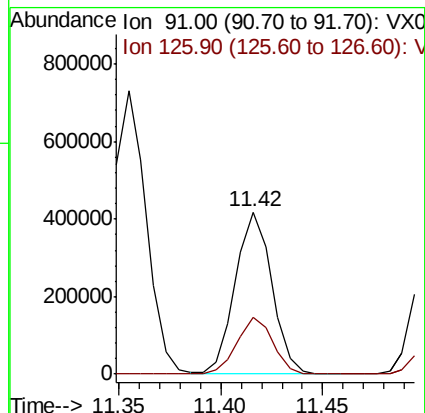
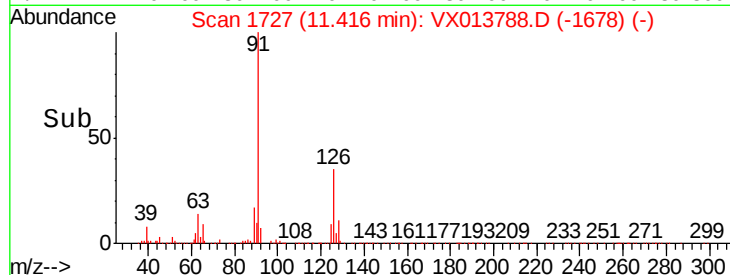
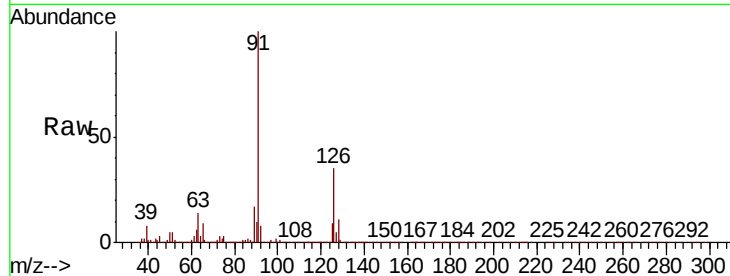
VX1206WBS01

Tot Ion: 91 Resp: 515743

Ion Ratio Lower Upper

91 100

126 34.4 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 23.000 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013788.D

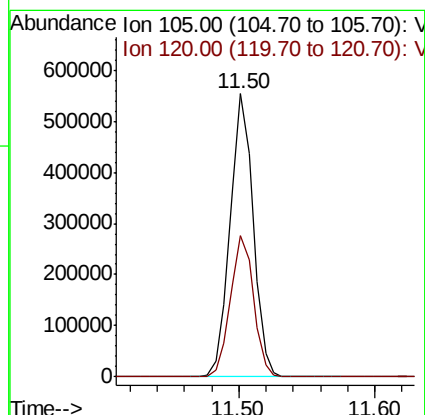
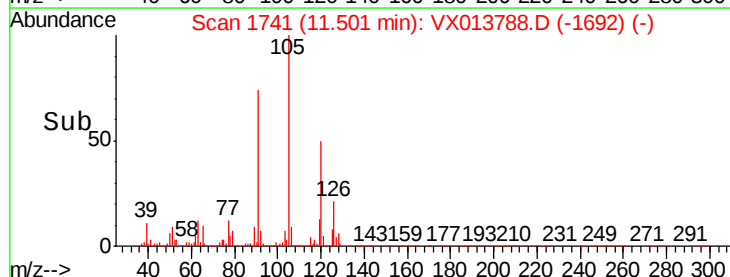
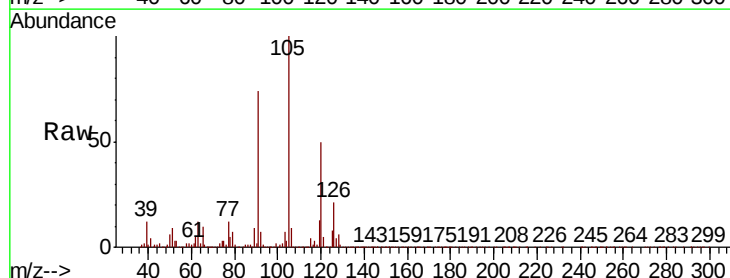
Acq: 06 Dec 2019 10:36

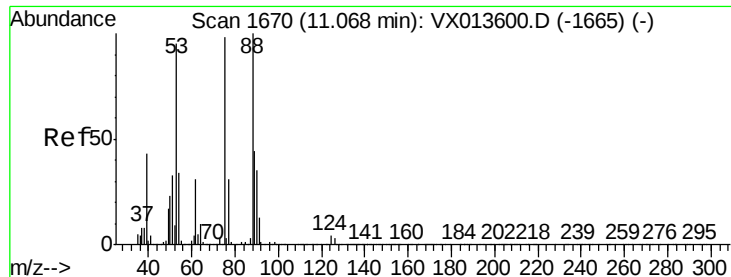
Tgt Ion: 105 Resp: 649992

Ion Ratio Lower Upper

105 100

120 50.2 25.3 75.9

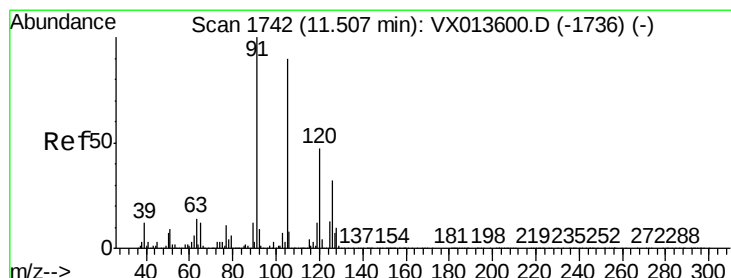
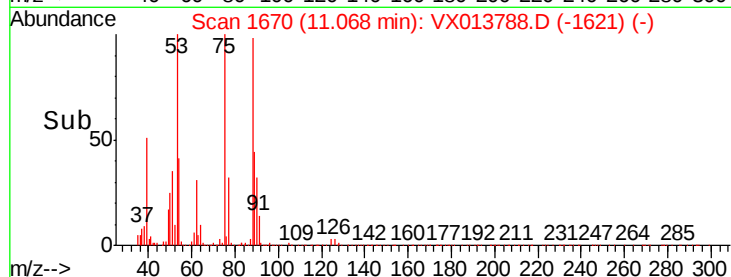
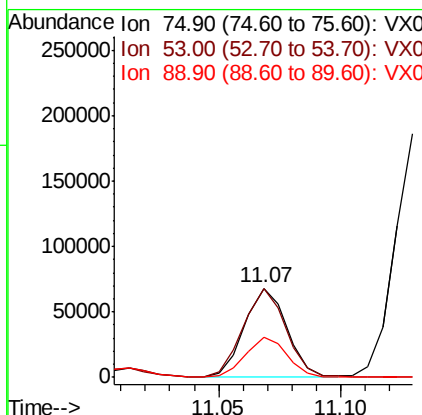
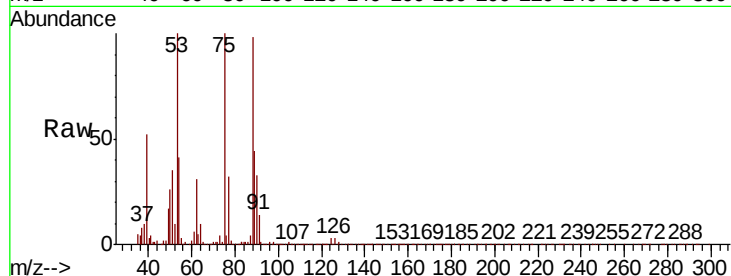




#81
trans-1,4-Dichloro-2-butene
Concen: 20.391 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

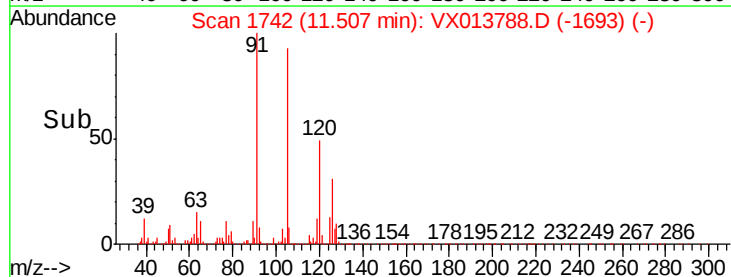
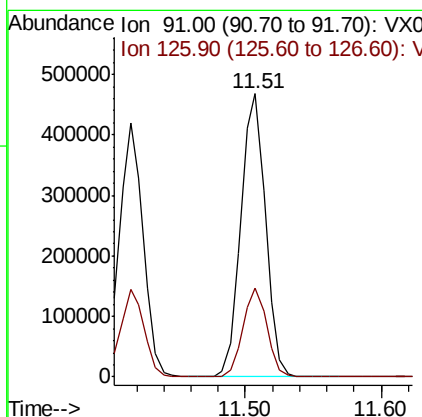
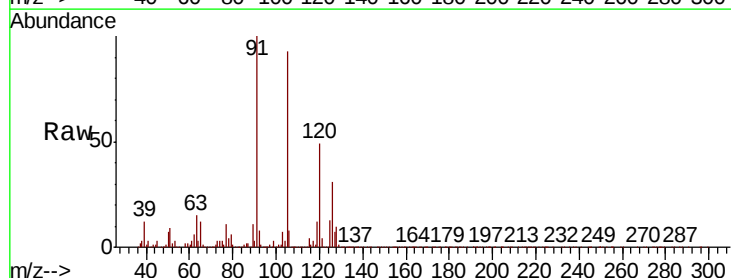
Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

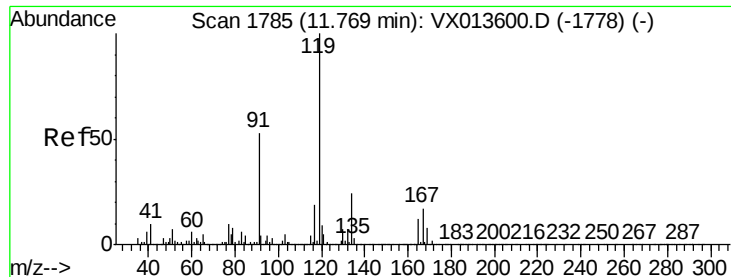
Tot Ion: 75 Resp: 82404
Ion Ratio Lower Upper
75 100
53 100.0 78.2 117.2
89 45.0 35.4 53.2



#82
4-Chlorotoluene
Concen: 22.089 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion: 91 Resp: 590741
Ion Ratio Lower Upper
91 100
126 30.5 15.7 47.0





#83

tert-Butylbenzene

Concen: 22.845 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

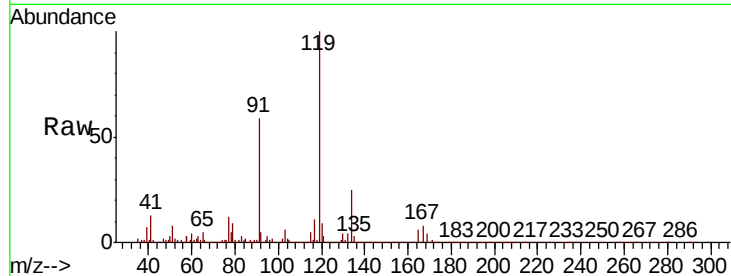
Tot Ion:119 Resp: 656120

Ion Ratio Lower Upper

119 100

91 53.9 27.2 81.6

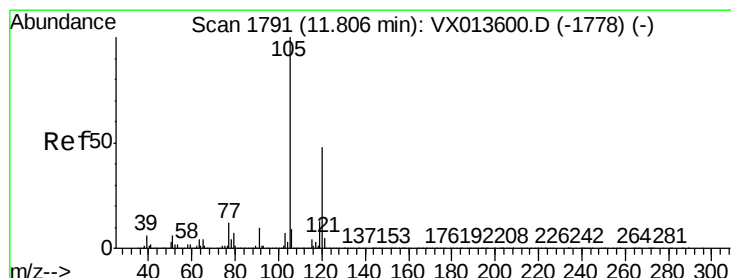
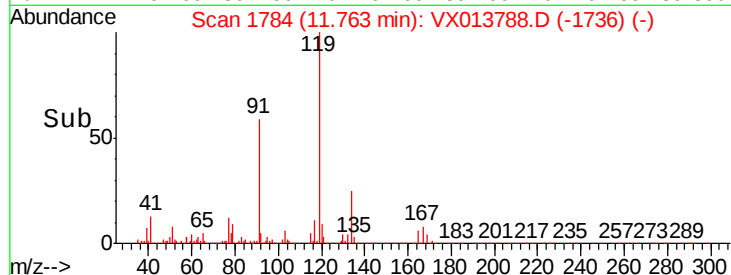
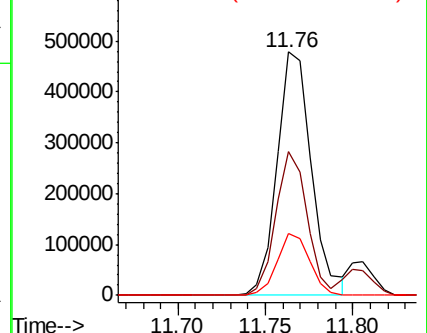
134 24.1 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.489 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX013788.D

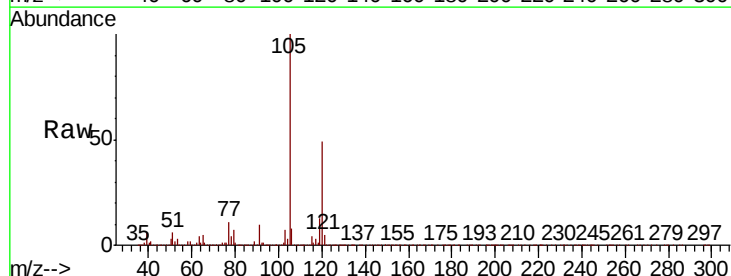
Acq: 06 Dec 2019 10:36

Tgt Ion:105 Resp: 645025

Ion Ratio Lower Upper

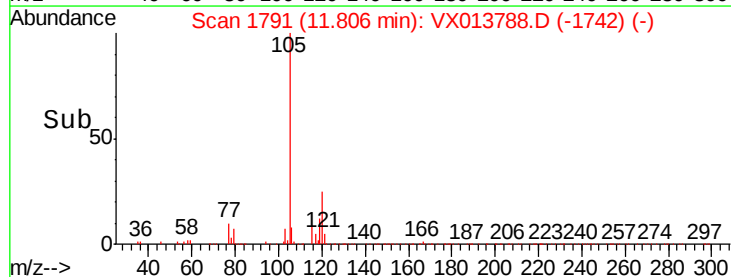
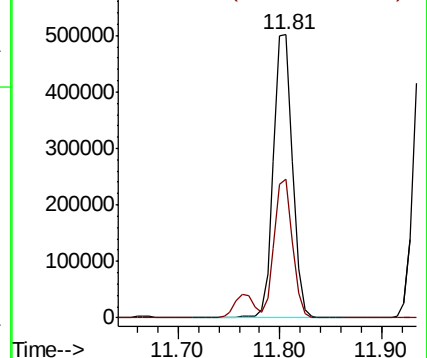
105 100

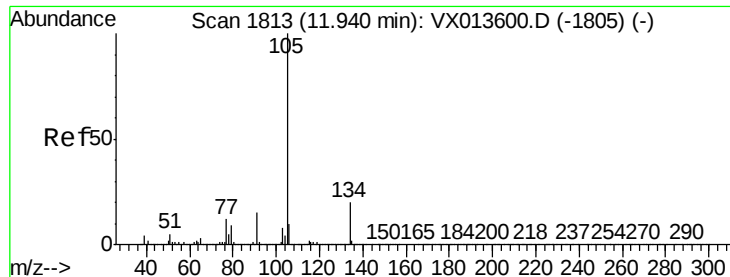
120 46.7 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 23.131 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

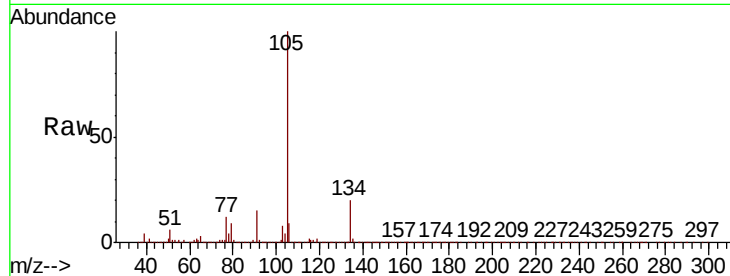
VX1206WBS01

Tot Ion:105 Resp: 758818

Ion Ratio Lower Upper

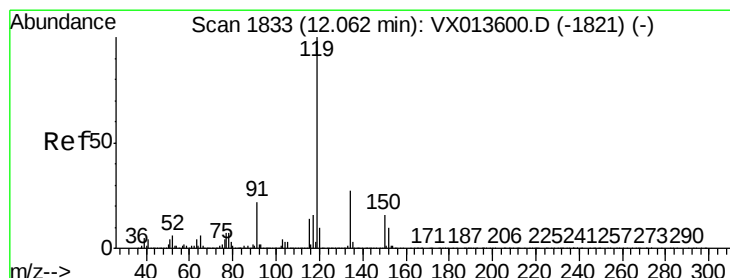
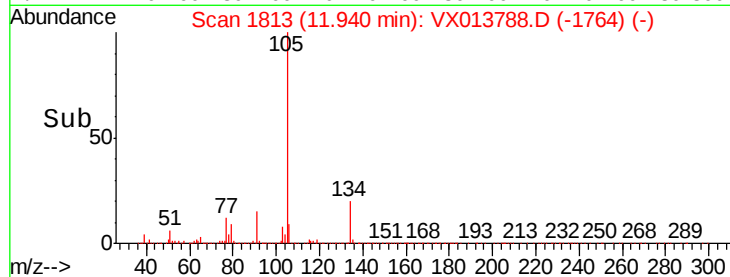
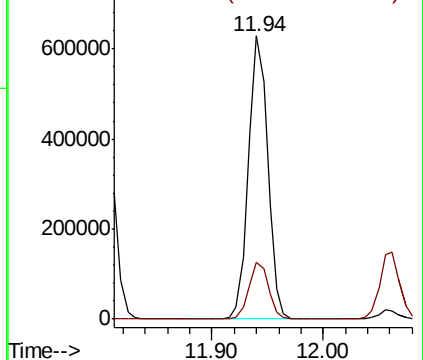
105 100

134 20.2 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.878 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

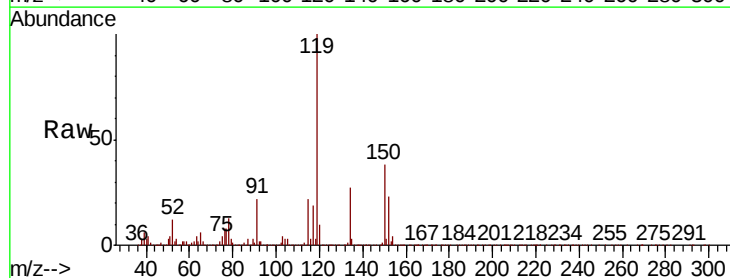
Tgt Ion:119 Resp: 698199

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

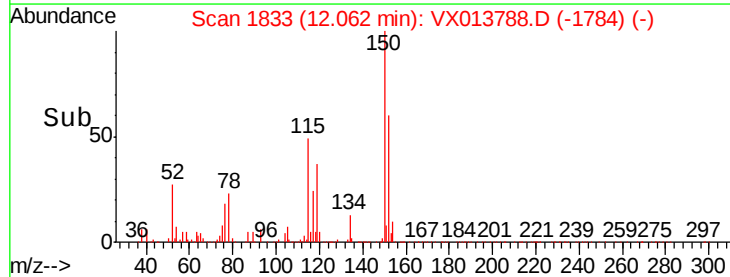
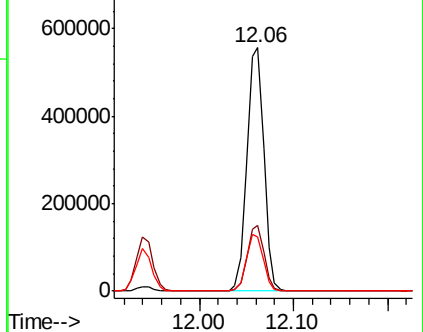
91 23.0 11.3 33.8

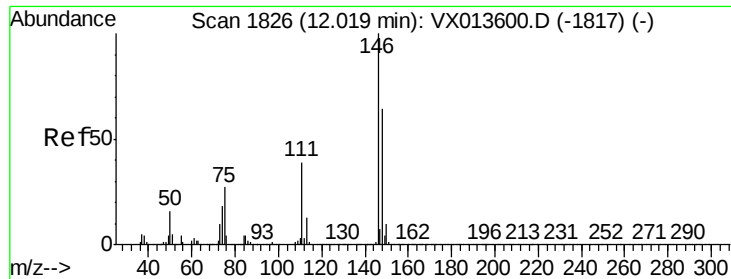


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

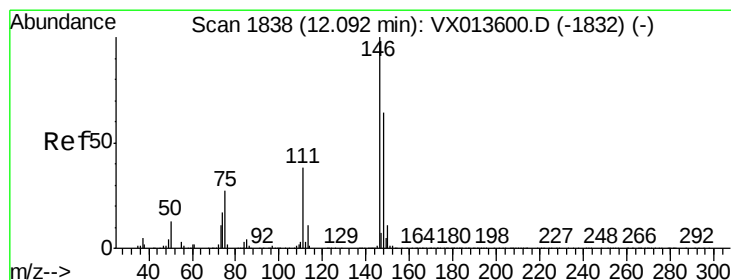
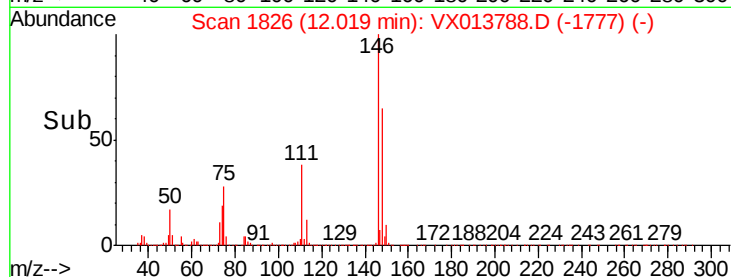
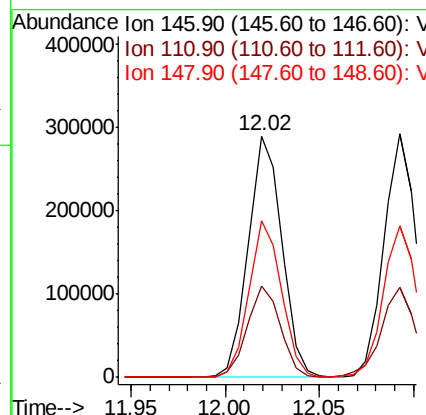
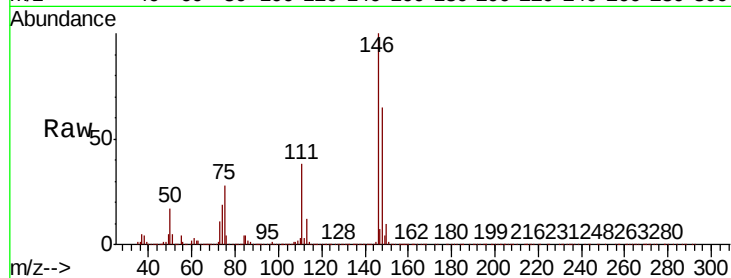




#87
 1,3-Dichlorobenzene
 Concen: 22.118 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

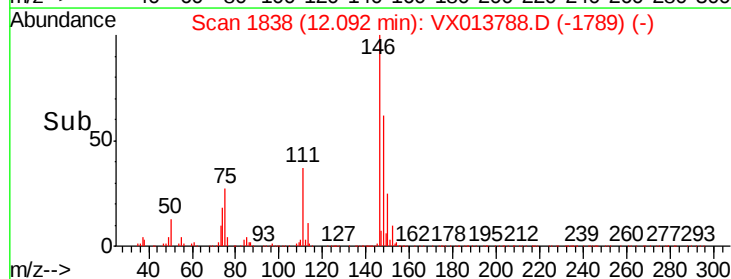
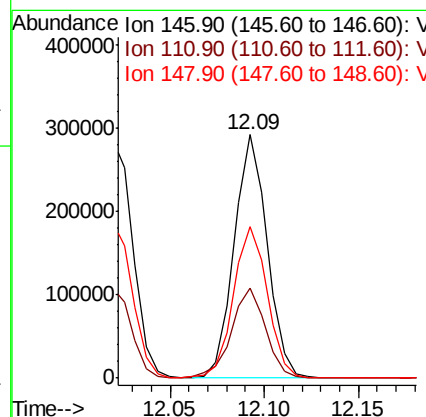
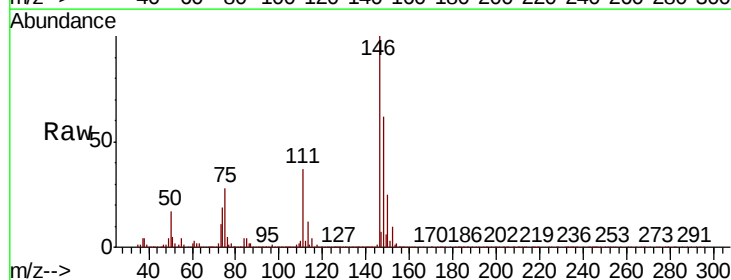
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

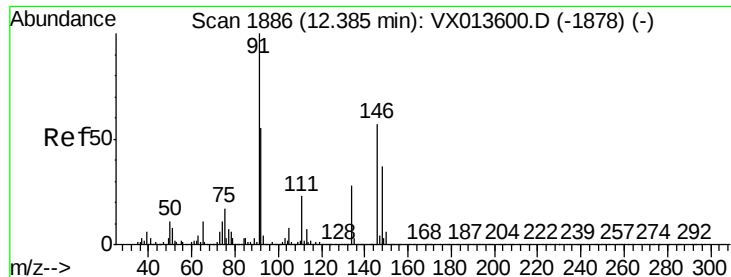
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.0	57.0
148	63.1	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 21.411 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	64.1	31.9	95.5

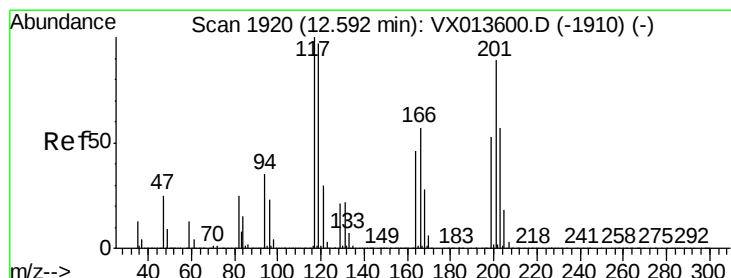
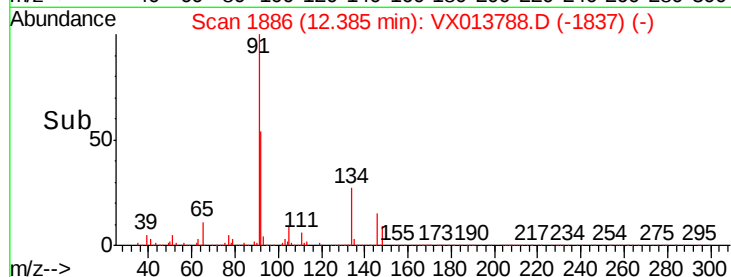
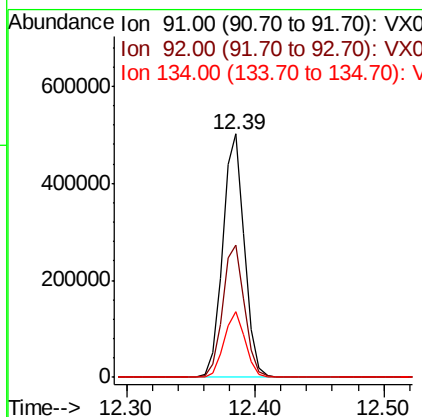
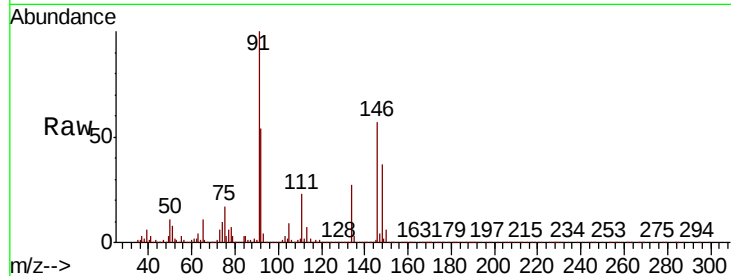




#89
n-Butylbenzene
Concen: 22.778 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

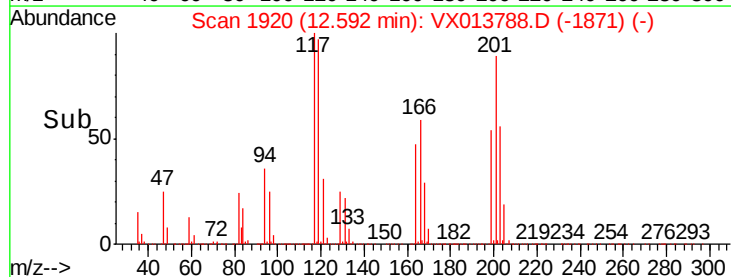
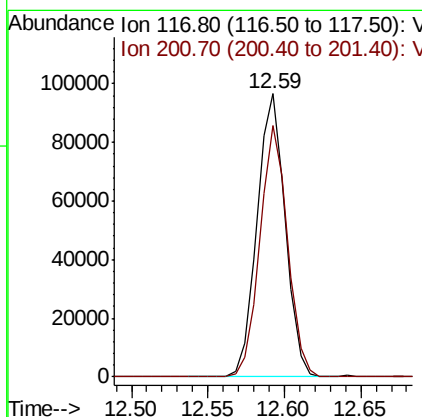
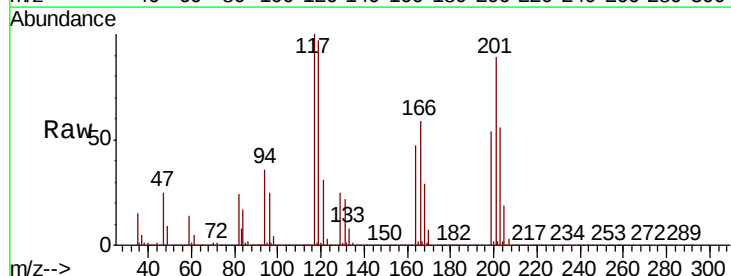
Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

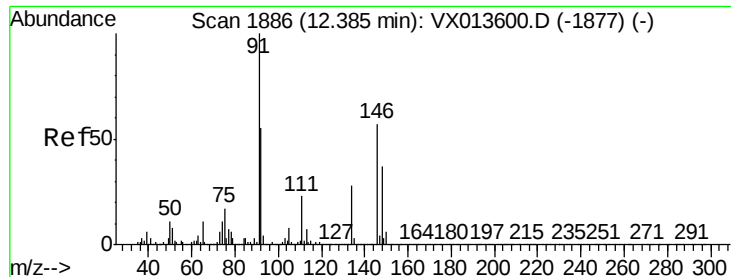
Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.4	82.2
134	26.6	13.5	40.4



#90
Hexachloroethane
Concen: 22.478 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.4	44.1	132.4





#91

1,2-Dichlorobenzene

Concen: 22.031 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

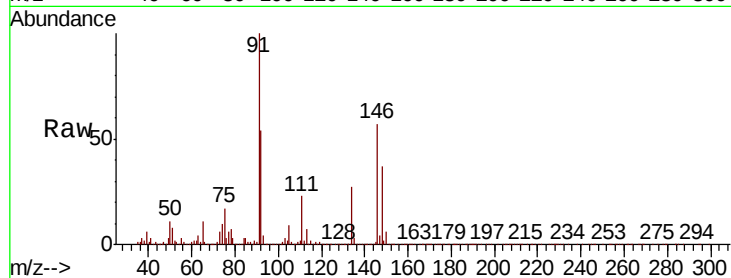
Tot Ion:146 Resp: 353464

Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.7

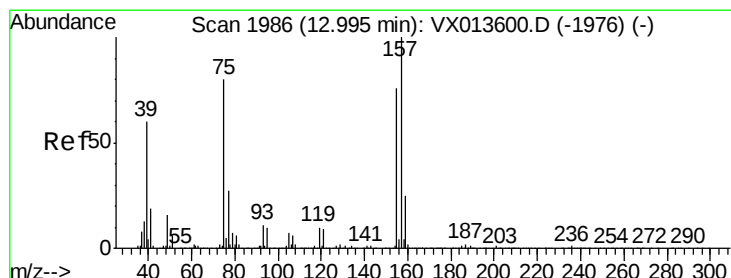
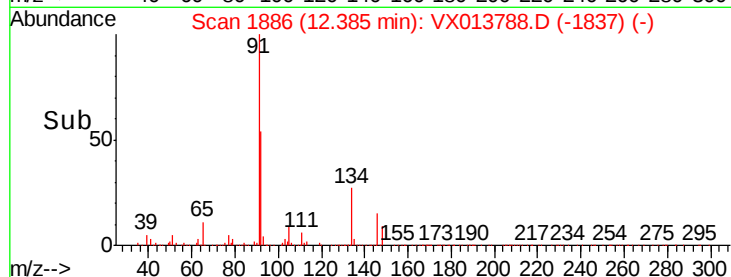
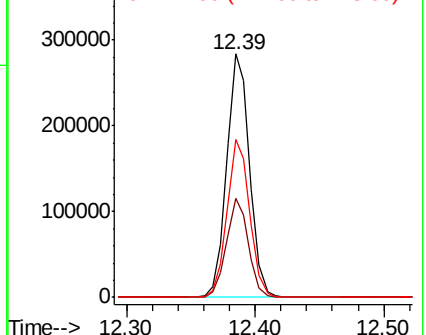
148 64.6 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.623 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

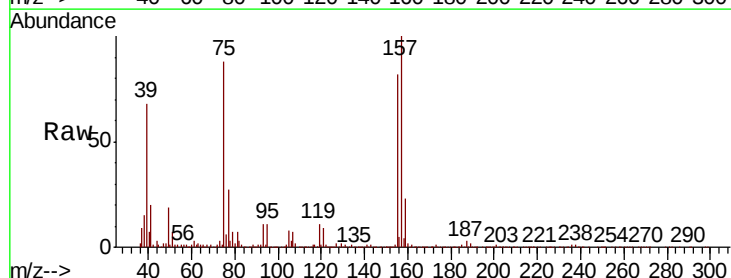
Tgt Ion: 75 Resp: 53702

Ion Ratio Lower Upper

75 100

155 97.0 47.6 142.8

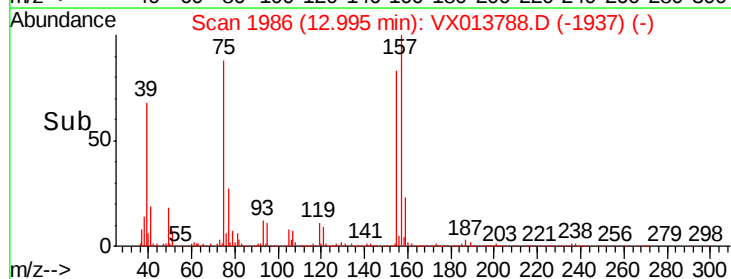
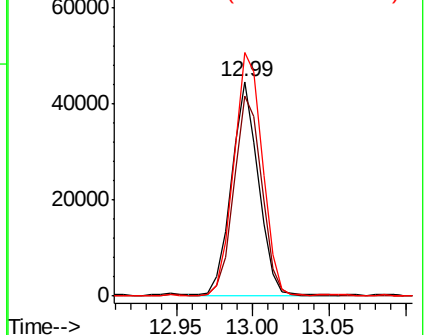
157 120.9 62.1 186.2

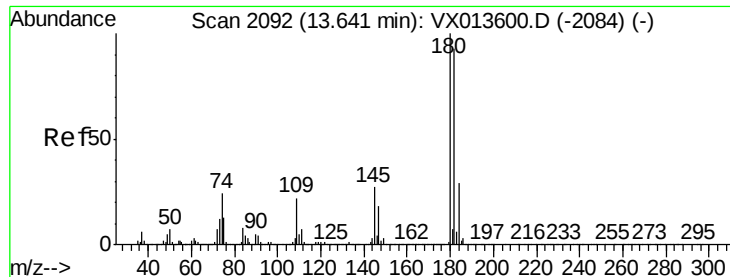


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

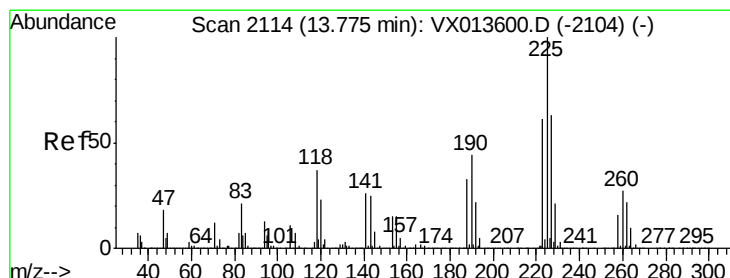
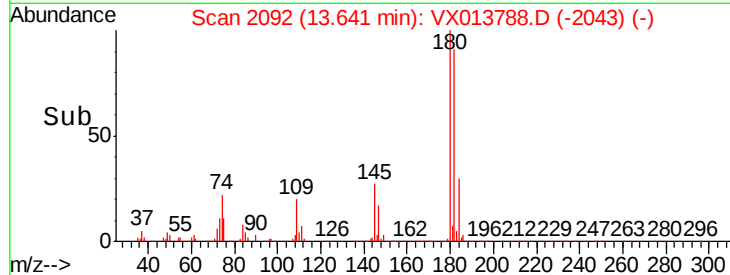
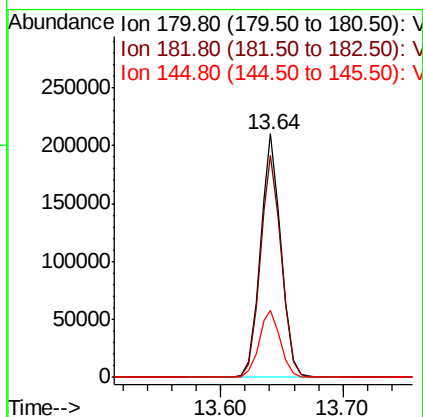
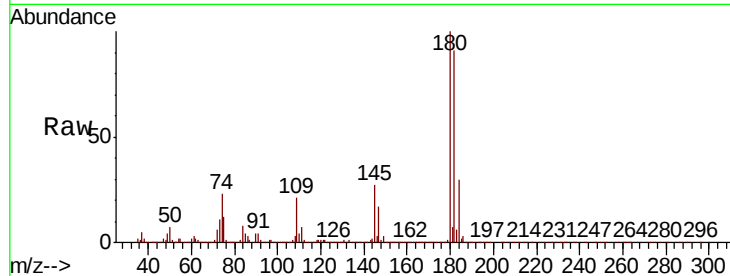




#93
 1,2,4-Trichlorobenzene
 Concen: 21.949 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

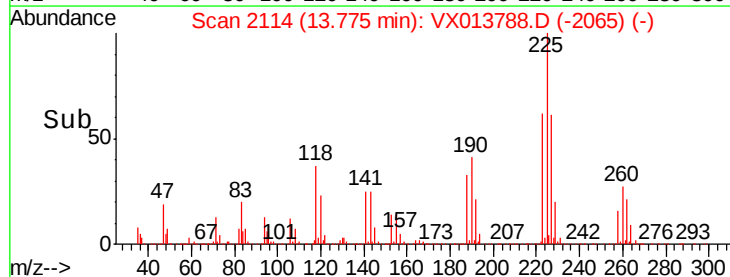
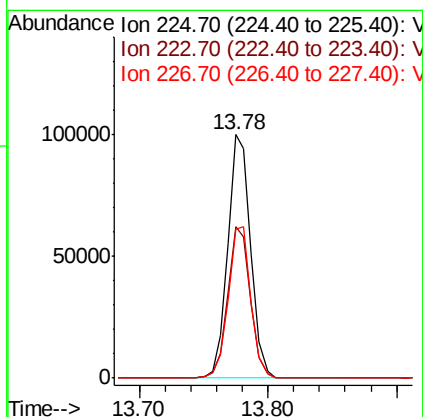
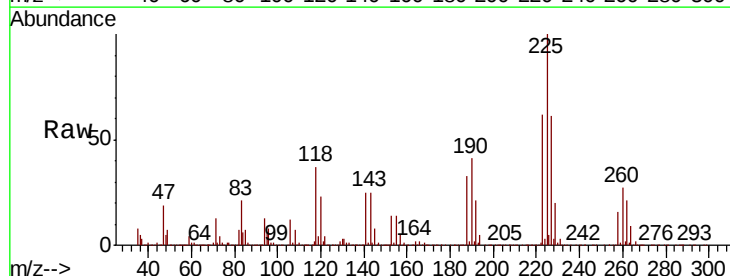
Instrument :
 MSVOA_X
 ClientSampled :
 VX1206WBS01

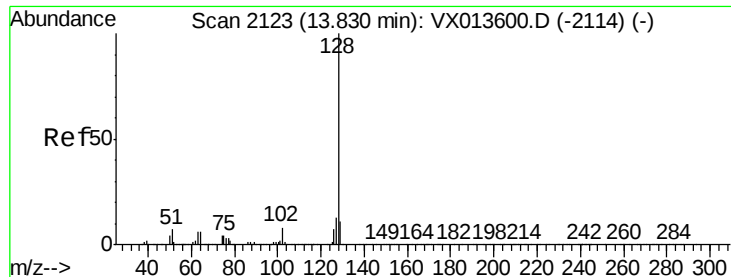
Tot Ion:180 Resp: 245422
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.2 141.6
 145 28.9 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 23.214 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Tgt Ion:225 Resp: 124690
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.9 95.5
 227 61.7 32.1 96.3





#95

Naphthalene

Concen: 21.614 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

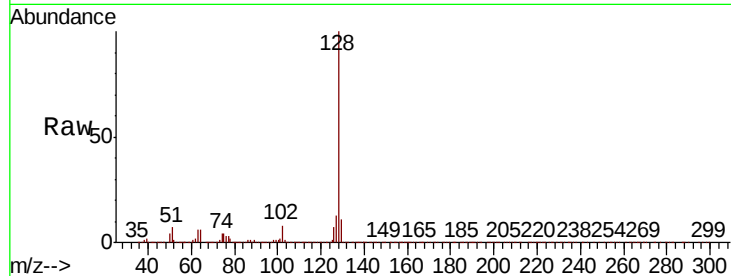
Tot Ion:128 Resp: 719700

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

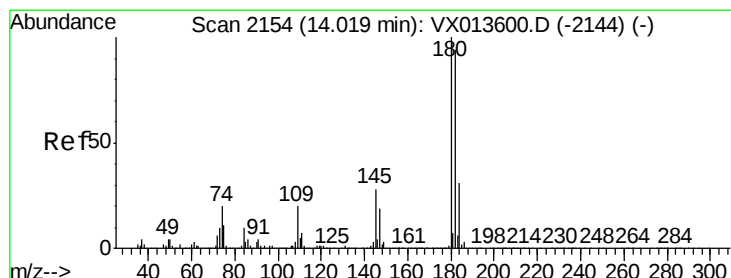
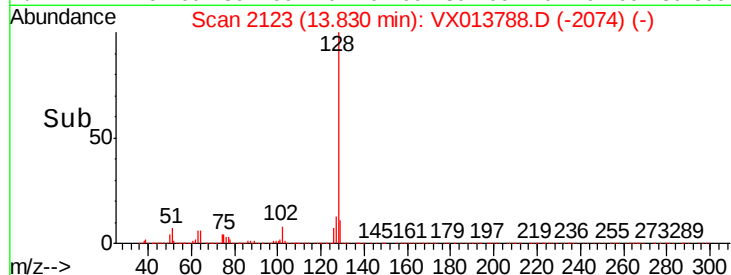
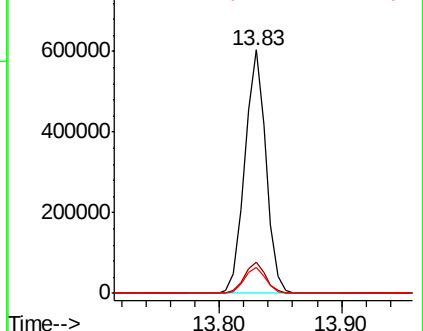
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.954 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

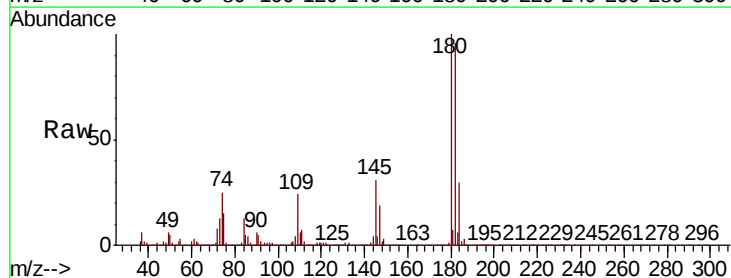
Tgt Ion:180 Resp: 243044

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.8

145 30.2 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

