

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

Manual Integrations
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 12/9/2019 9:07:51 AM

Quant Time: Dec 07 02:59:21 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

33) 1,2-Dichloroethane-d4	6.05	65	415424	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	5.49	113	351685	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	8.71	98	1338445	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.13	95	484111	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	

Target Compounds

						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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 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	208001m	18.813	ug/l	
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

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ClientSampleId :
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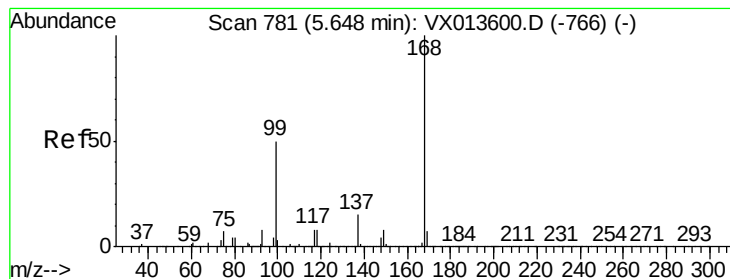
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Quant Title : SW846 8260
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Response via : Initial Calibration

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

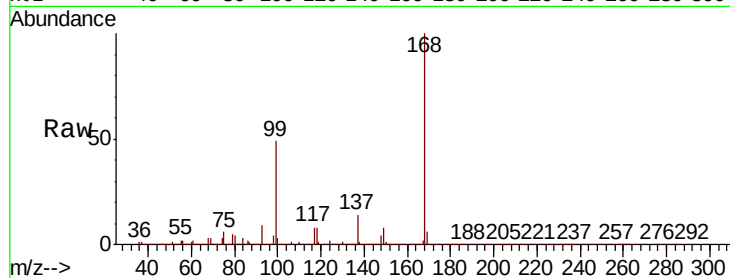
99 48.4 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

300000

250000

200000

150000

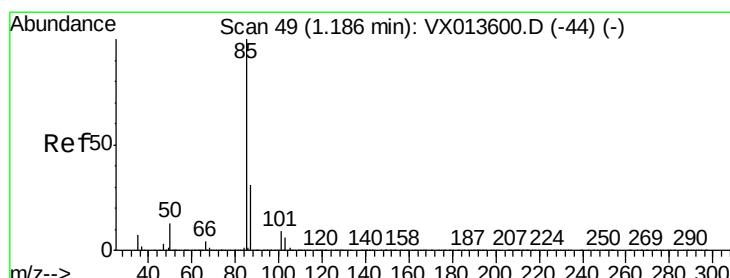
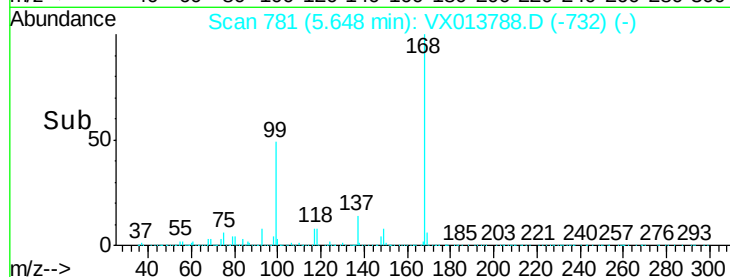
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.862 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013788.D

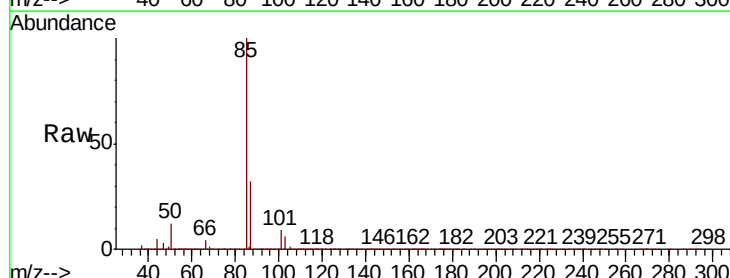
Acq: 06 Dec 2019 10:36

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

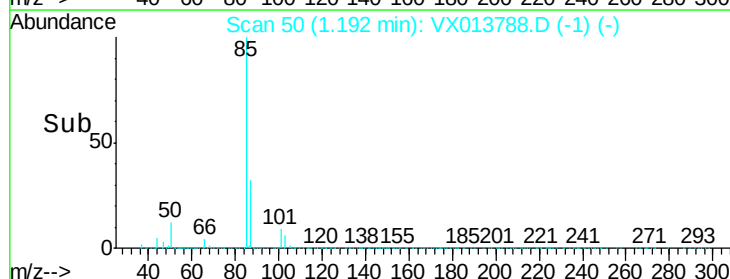
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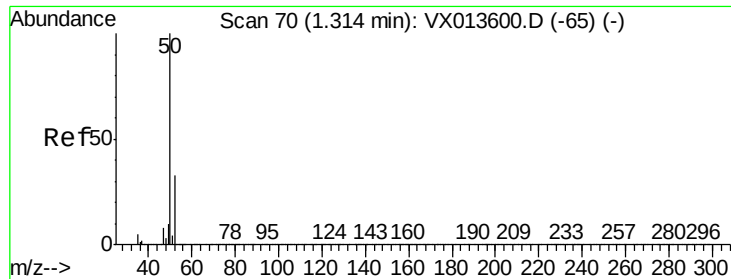
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1.10 1.15 1.20 1.25 1.30

Time-->





#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

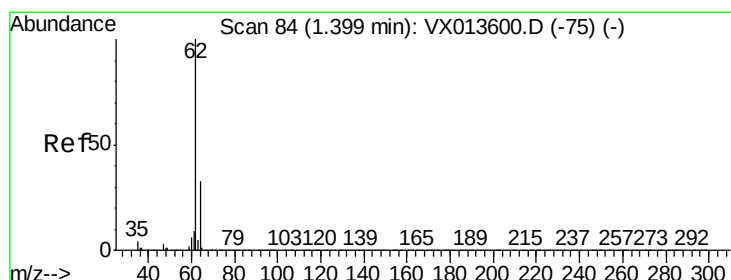
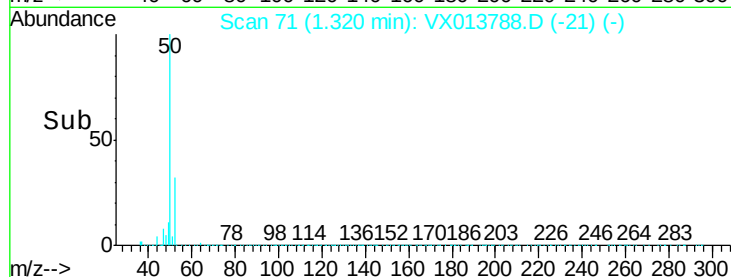
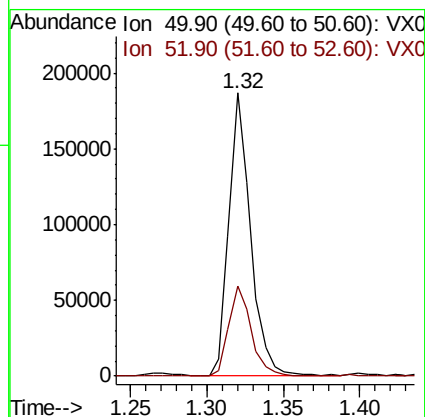
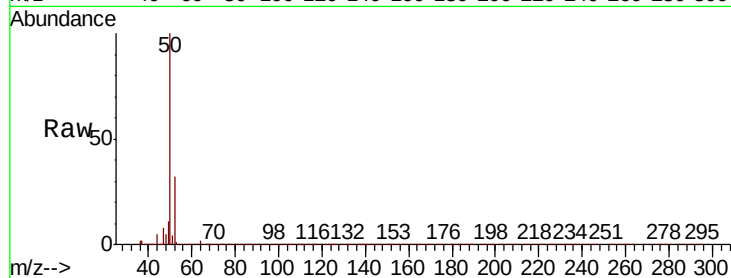
50 100

52 31.6 26.0 39.0

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#4

Vinyl Chloride

Concen: 20.924 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX013788.D

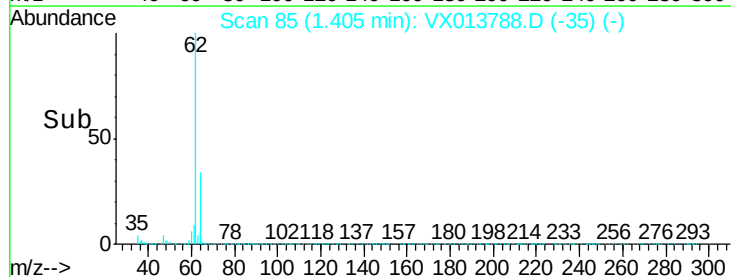
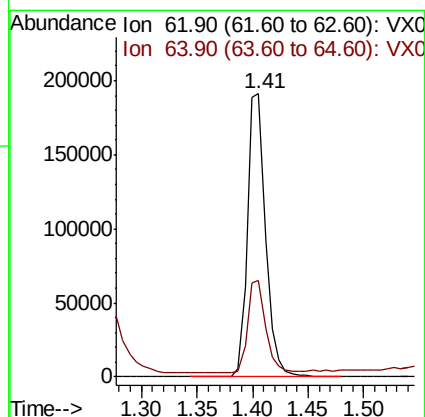
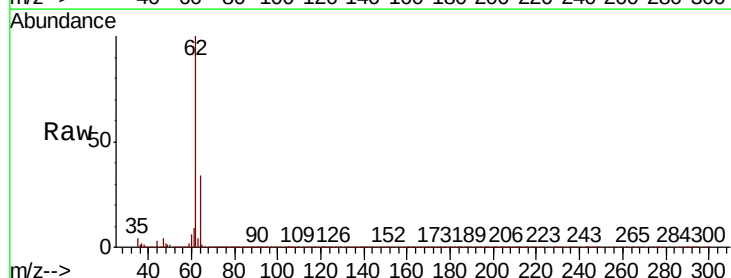
Acq: 06 Dec 2019 10:36

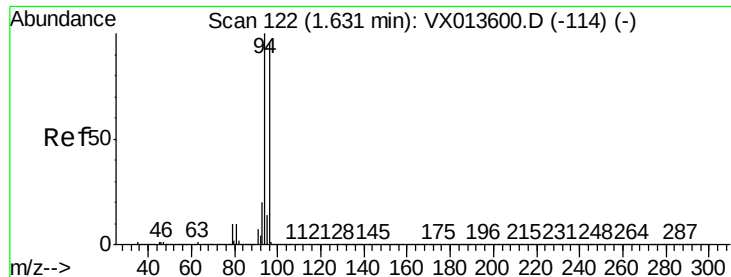
Tgt Ion: 62 Resp: 215734

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

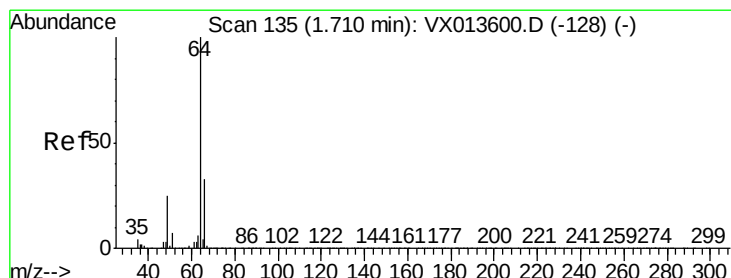
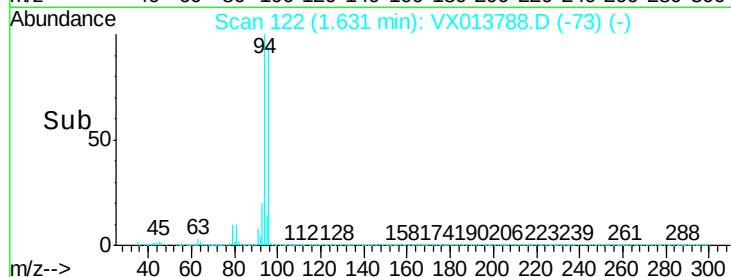
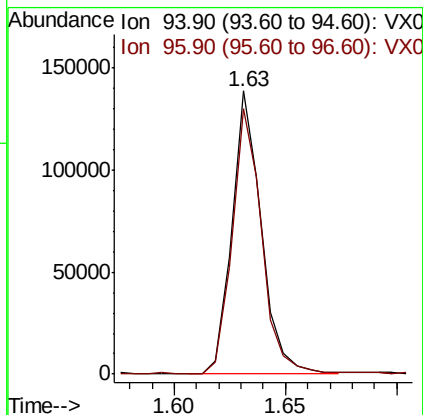
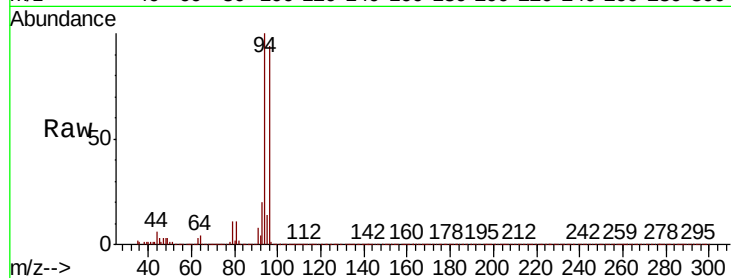
96 93.5 77.0 115.4

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#6

Chloroethane

Concen: 20.852 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013788.D

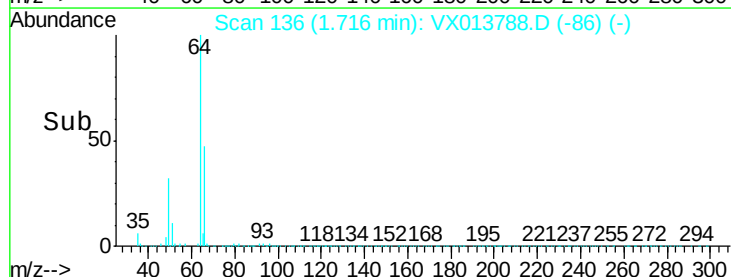
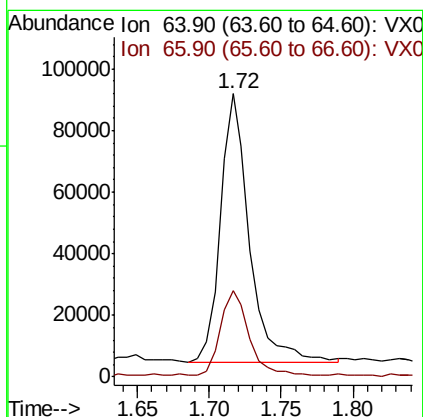
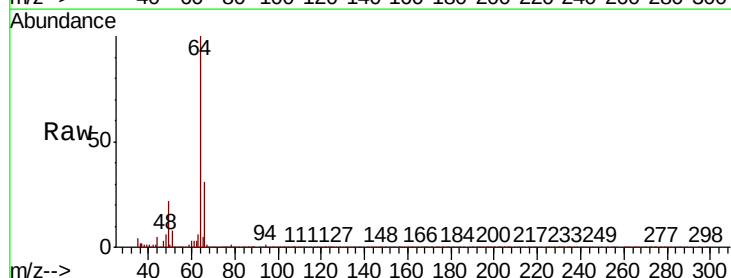
Acq: 06 Dec 2019 10:36

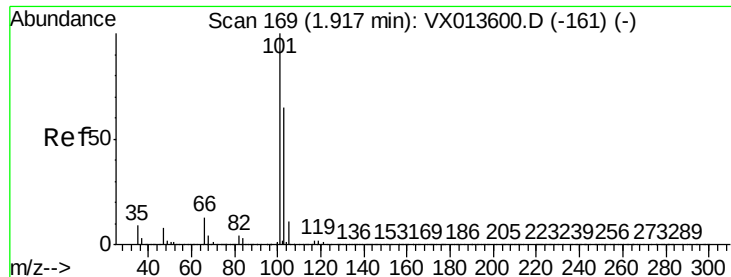
Tgt Ion: 64 Resp: 122338

Ion Ratio Lower Upper

64 100

66 31.6 26.7 40.1





#7

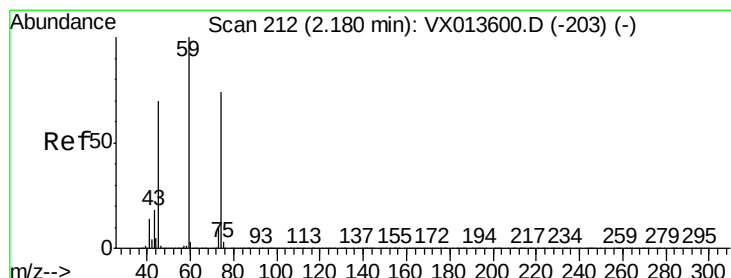
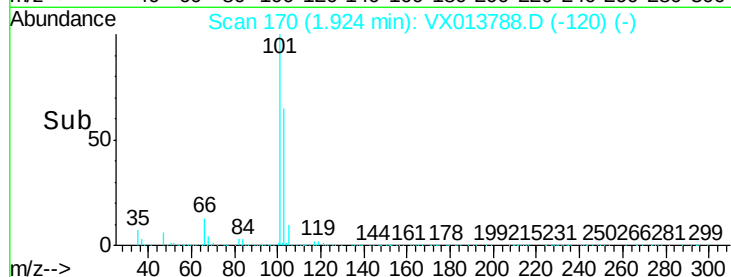
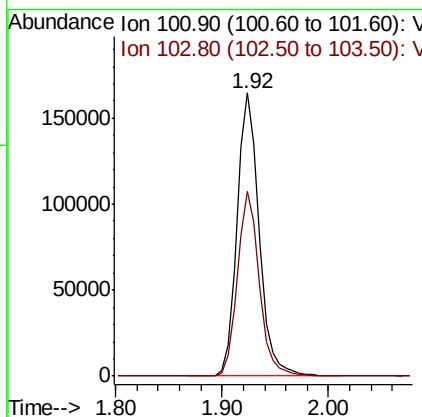
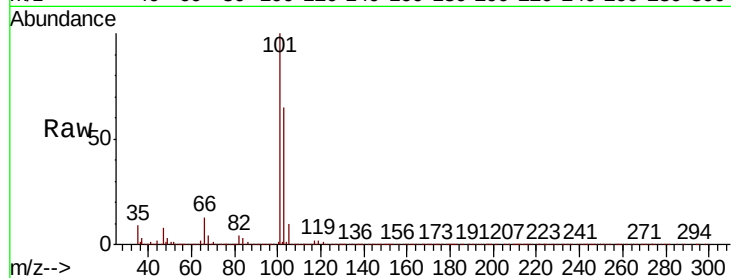
Trichlorofluoromethane
Concen: 20.852 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.8	77.6

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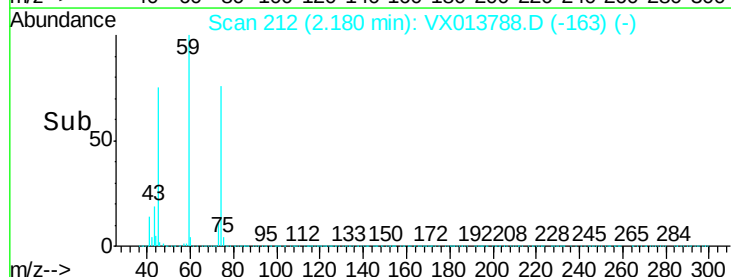
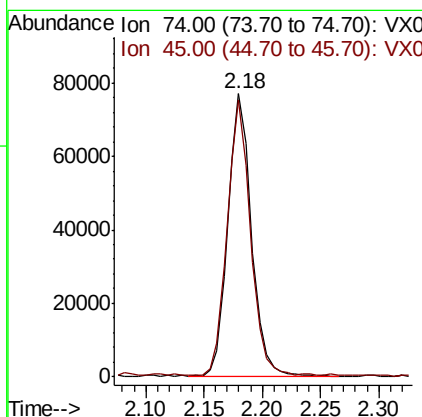
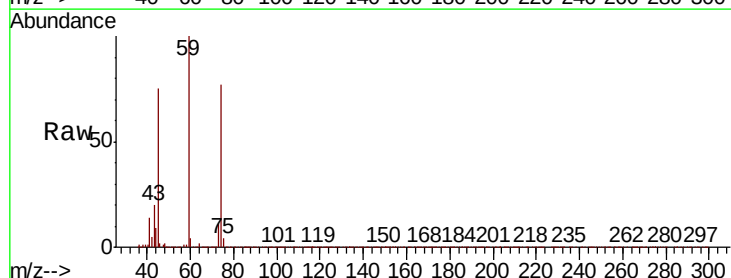
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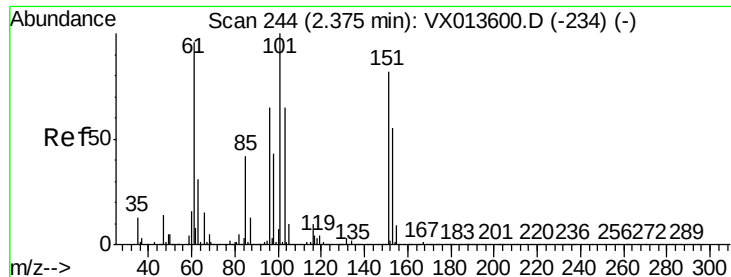


#8

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	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

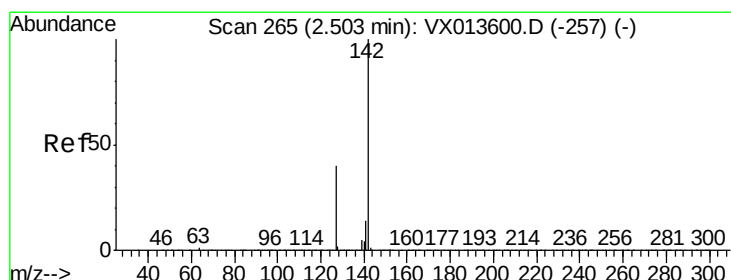
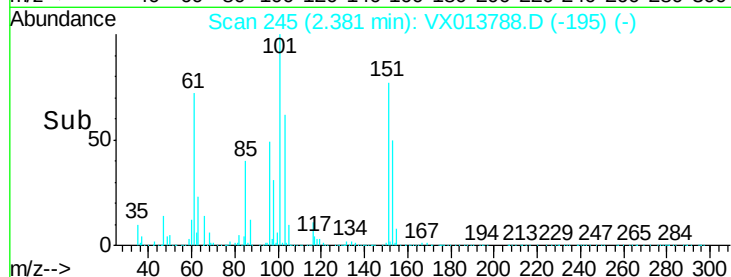
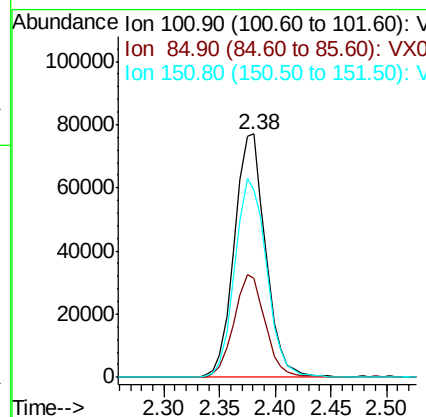
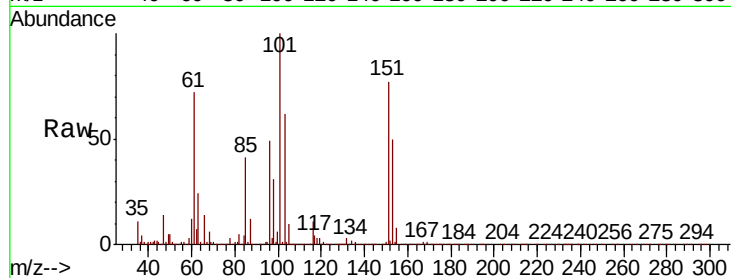
ClientSampled :

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

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#10

Methyl Iodide

Concen: 18.845 ug/l

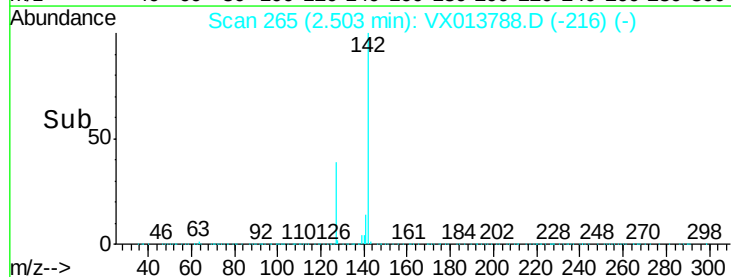
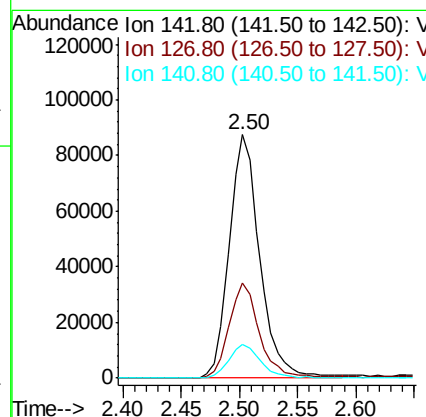
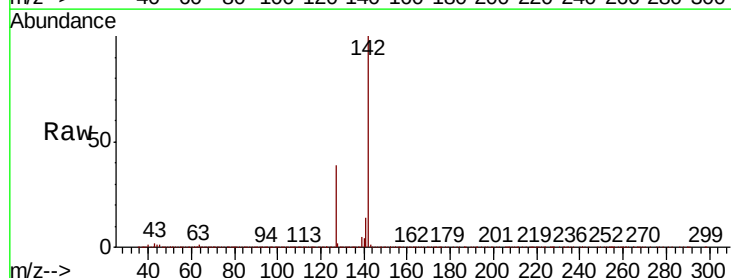
RT: 2.50 min Scan# 265

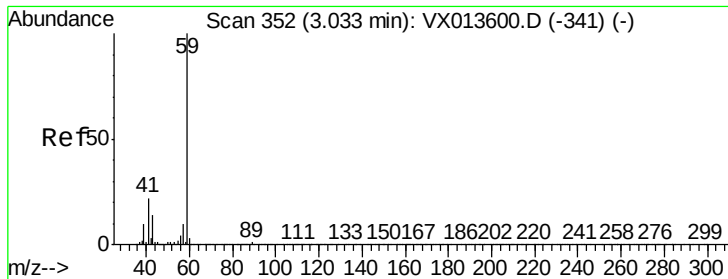
Delta R.T. 0.00 min

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





#11

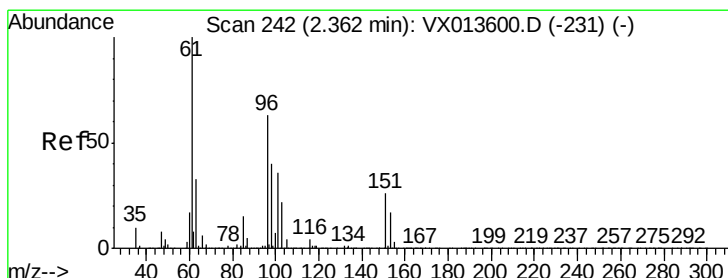
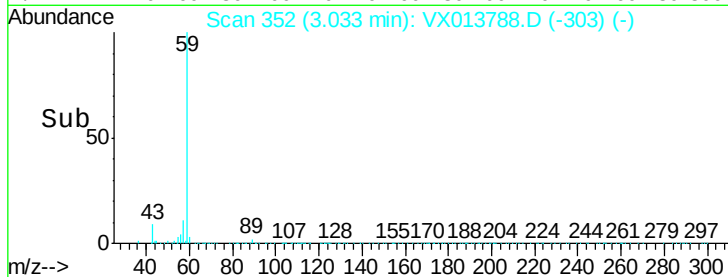
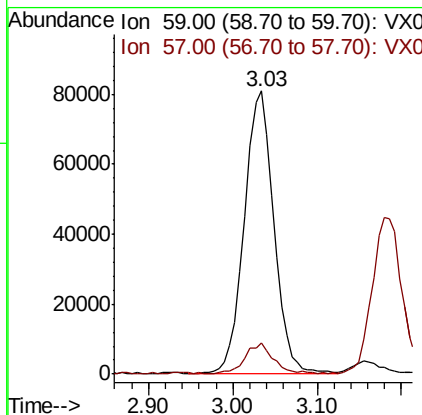
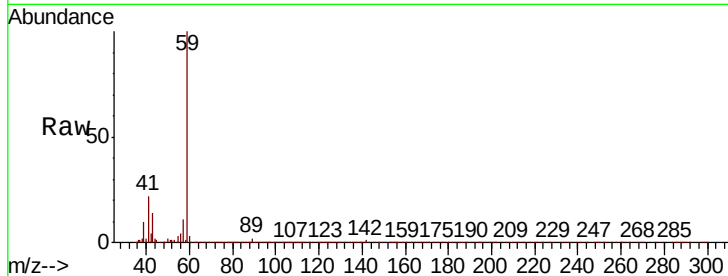
Tert butyl alcohol
Concen: 90.721 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.8	11.6

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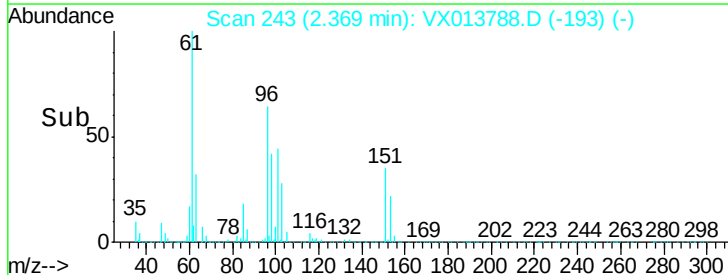
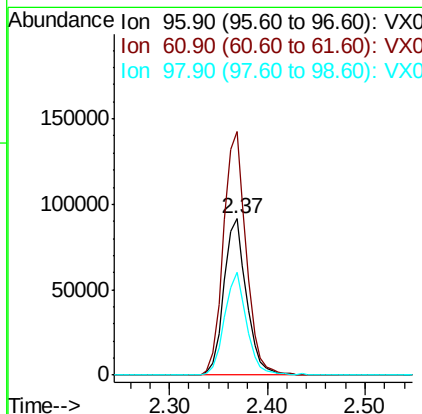
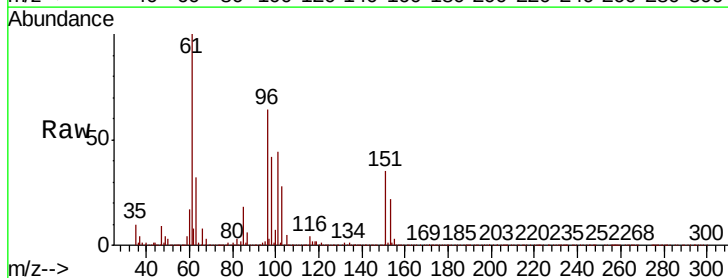
apatel
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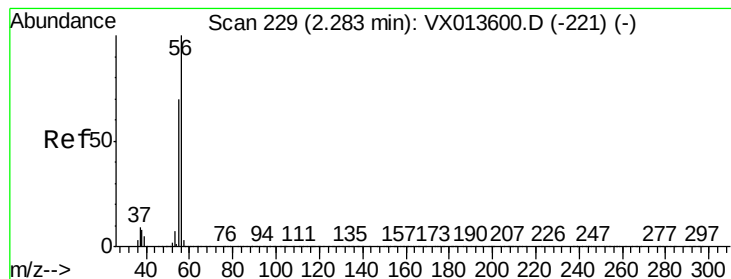


#12

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	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

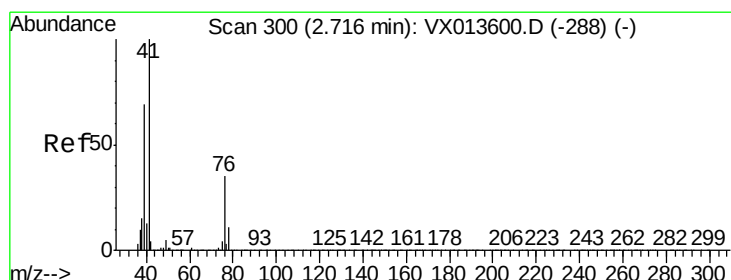
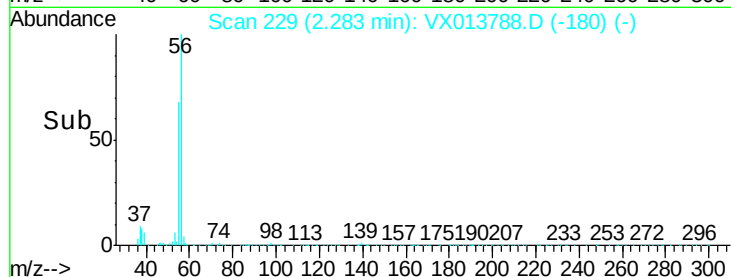
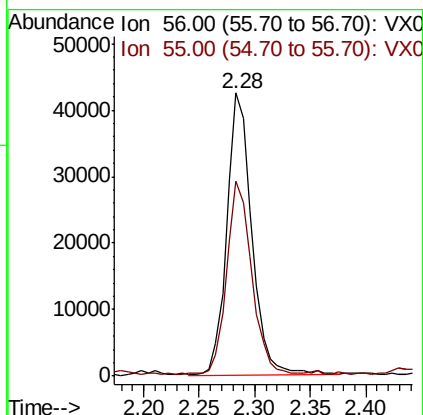
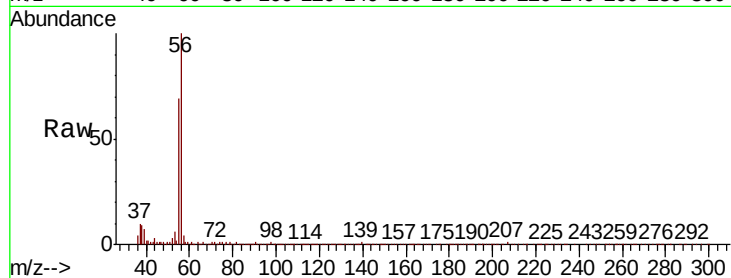
55 68.0 56.2 84.4

Manual Integrations

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#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

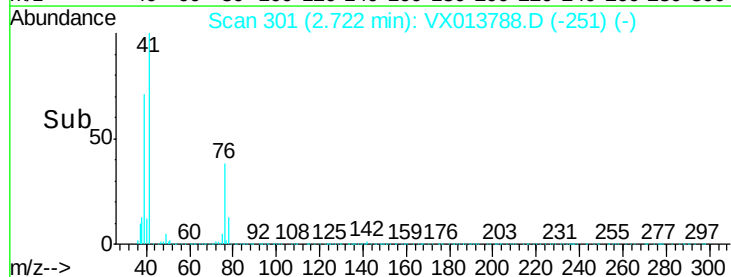
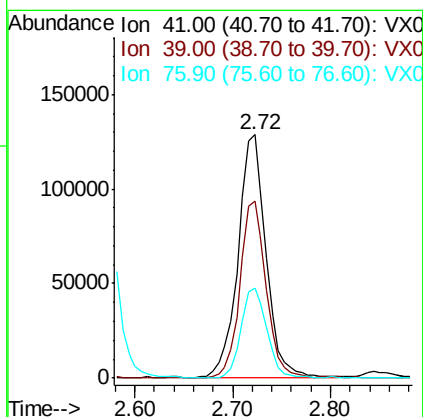
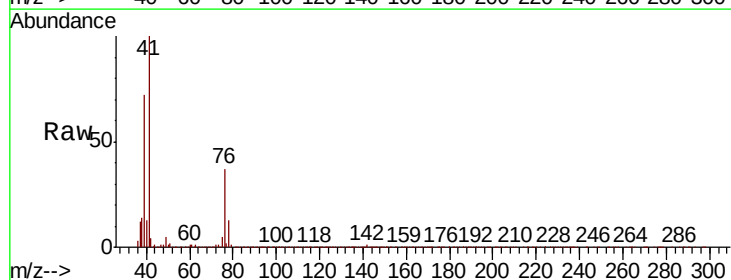
Tgt Ion: 41 Resp: 254391

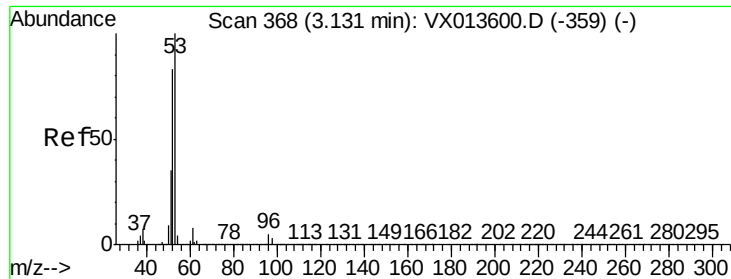
Ion Ratio Lower Upper

41 100

39 67.4 51.7 77.5

76 33.7 25.9 38.9





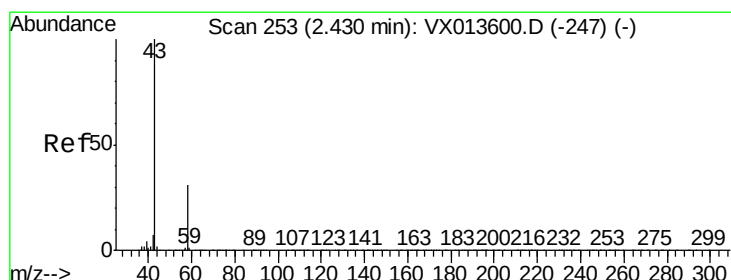
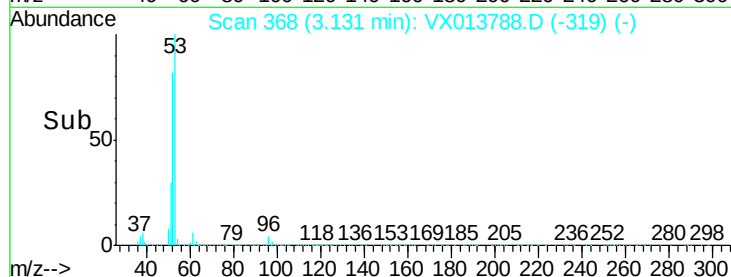
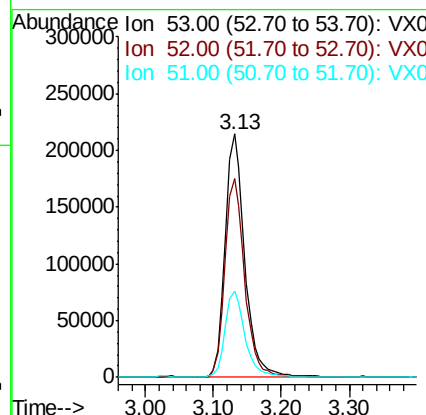
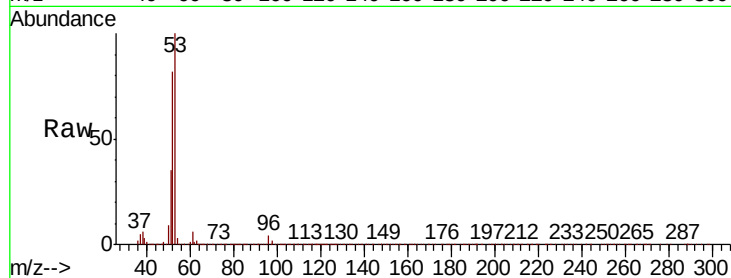
#15
 Acrylonitrile
 Concen: 98.626 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

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

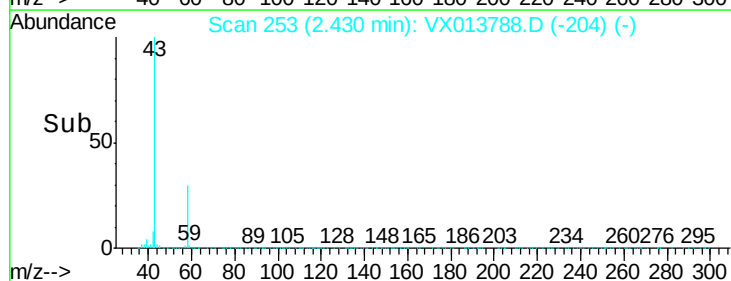
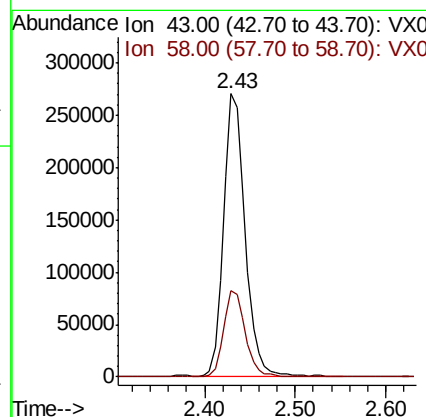
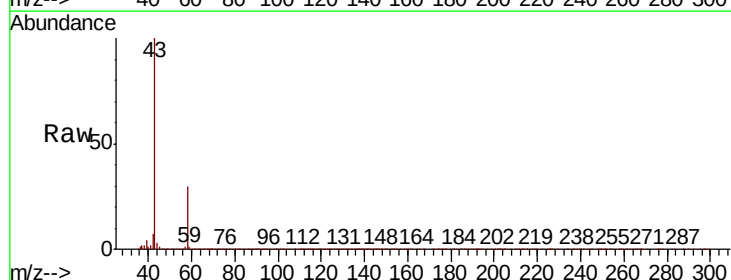
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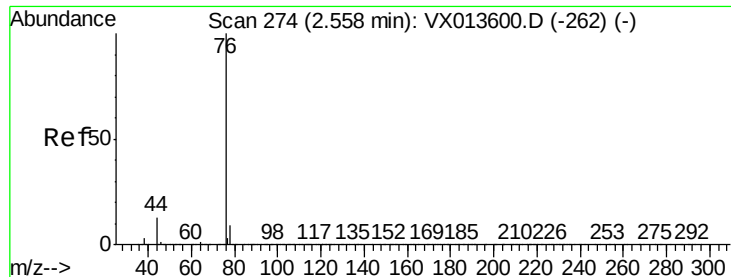
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#16
 Acetone
 Concen: 107.220 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

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

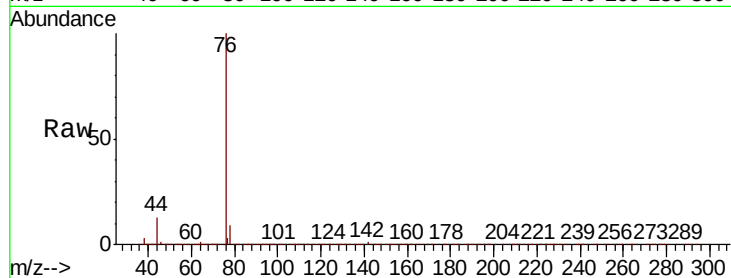
78 9.4 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

0

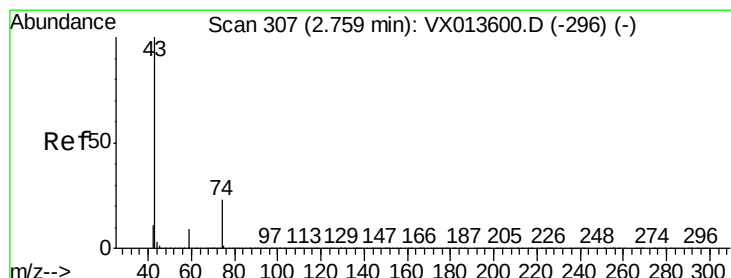
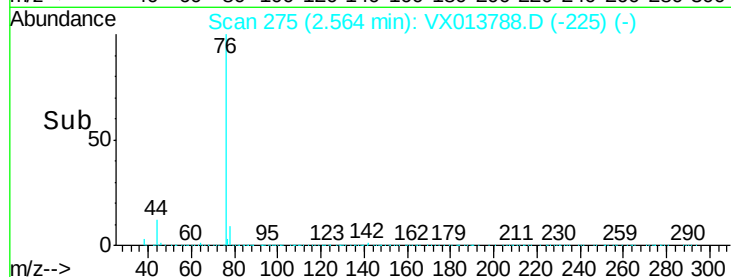
2.56

2.50

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 21.343 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013788.D

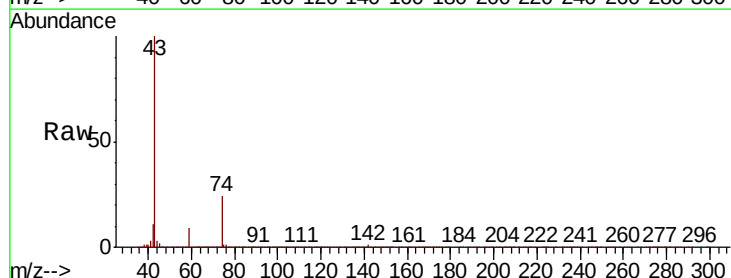
Acq: 06 Dec 2019 10:36

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

150000

100000

50000

0

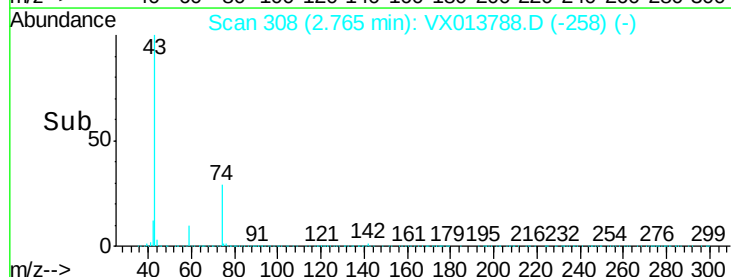
2.76

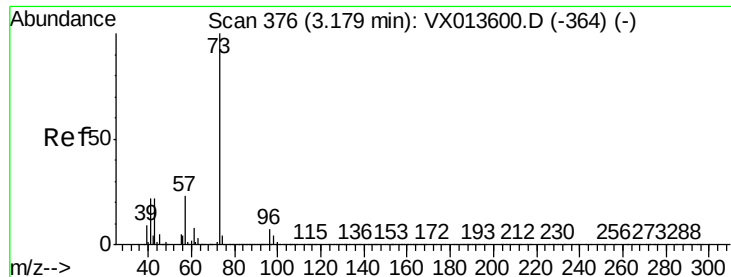
2.70

2.80

2.90

Time-->





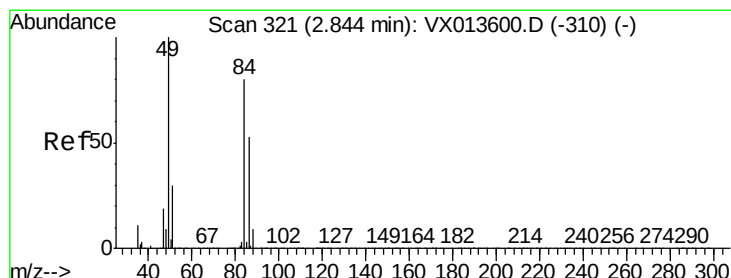
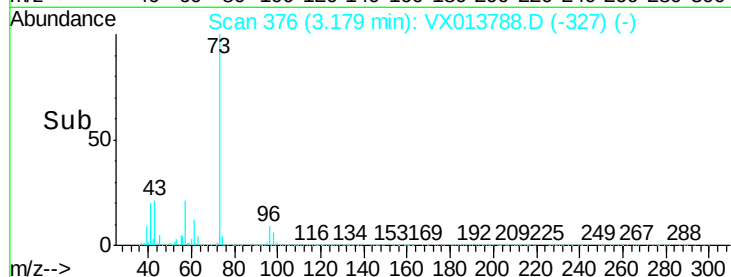
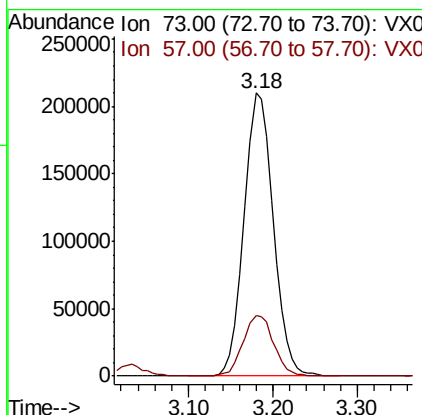
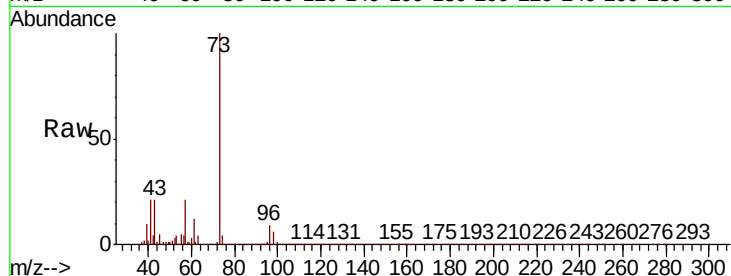
#19
Methyl tert-butyl Ether
Concen: 21.259 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	18.3	27.5

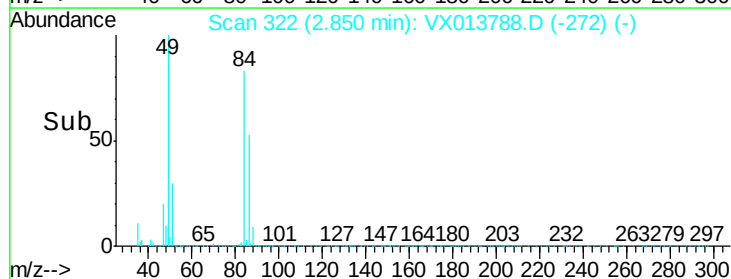
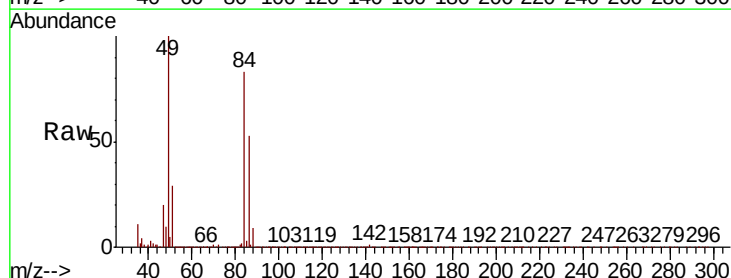
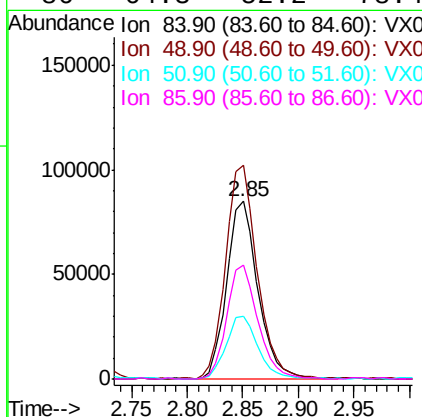
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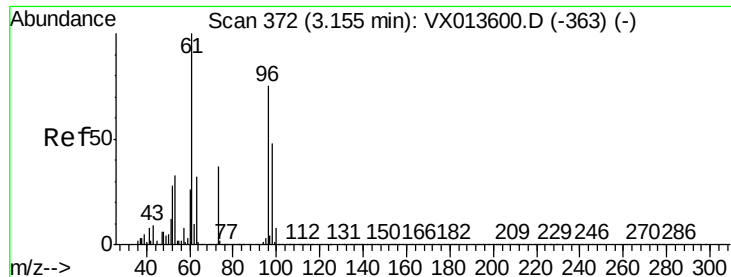
apatel
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#20
Methylene Chloride
Concen: 20.354 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion	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

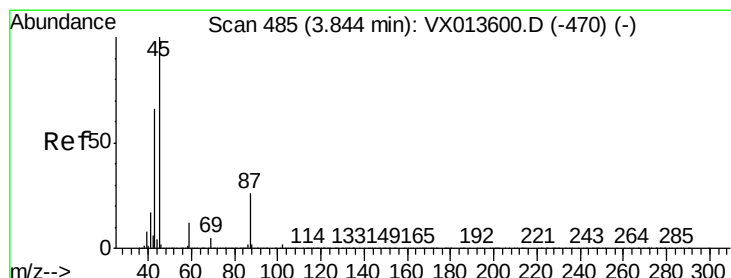
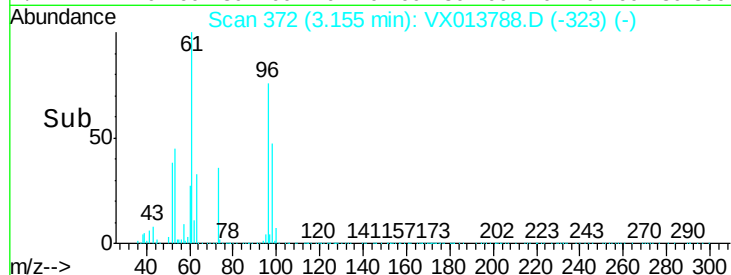
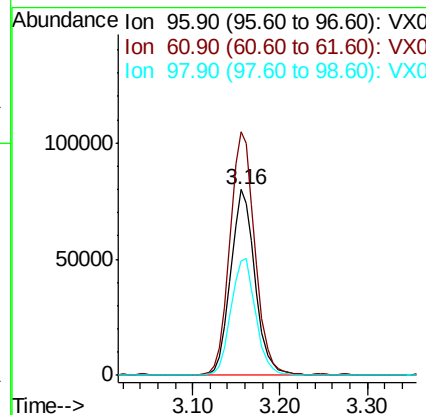
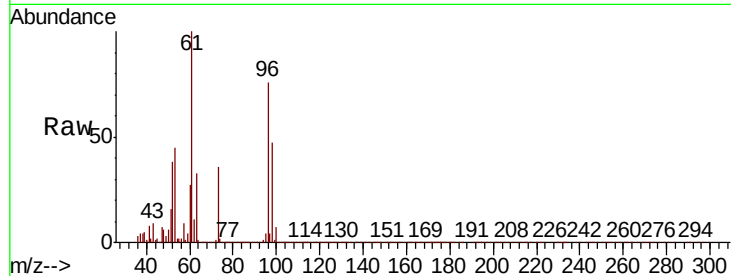
ClientSampleId :

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

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#22

Diisopropyl ether

Concen: 21.539 ug/l

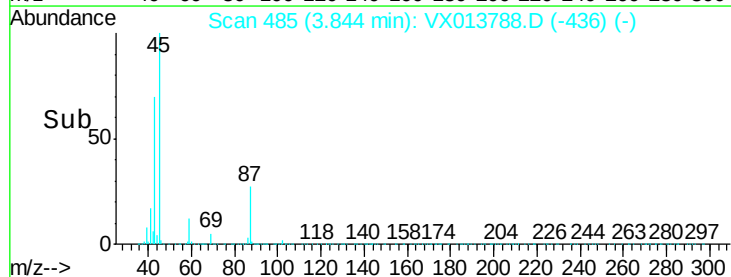
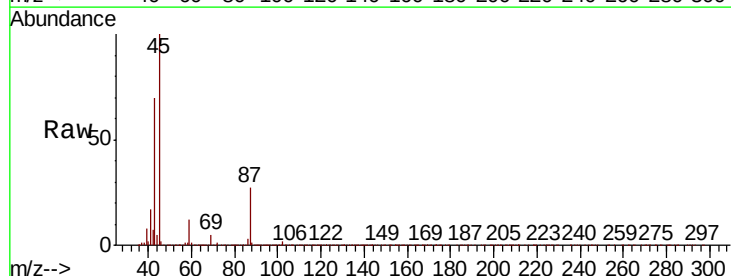
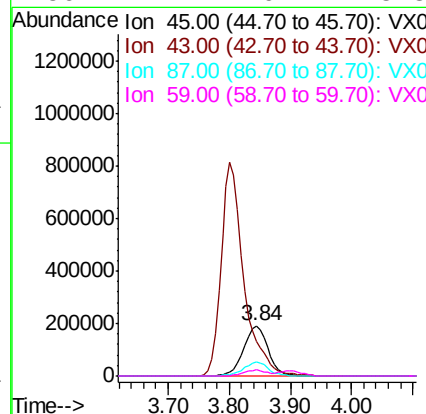
RT: 3.84 min Scan# 485

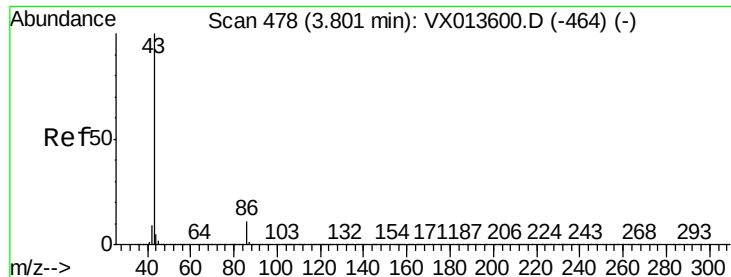
Delta R.T. 0.00 min

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





#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

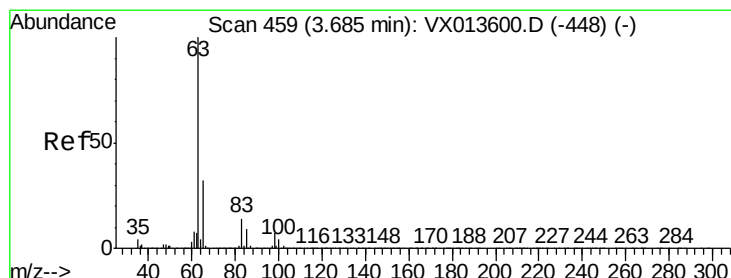
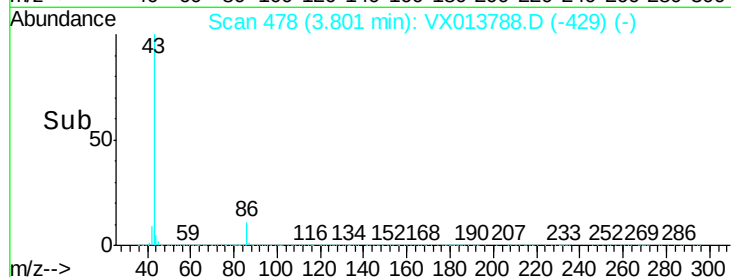
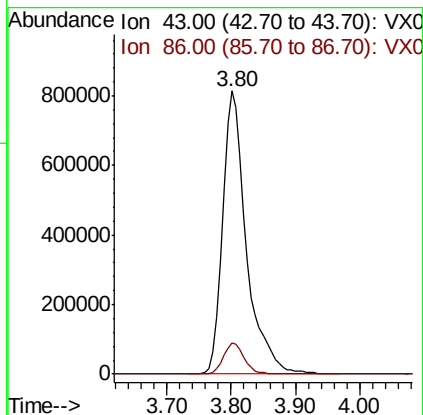
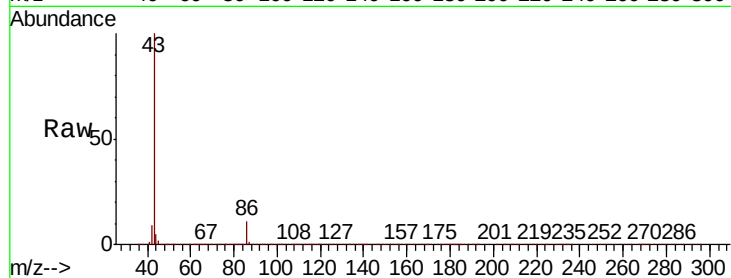
86 11.1 8.7 13.1

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#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

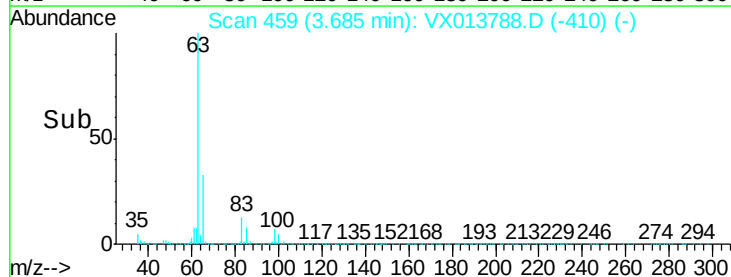
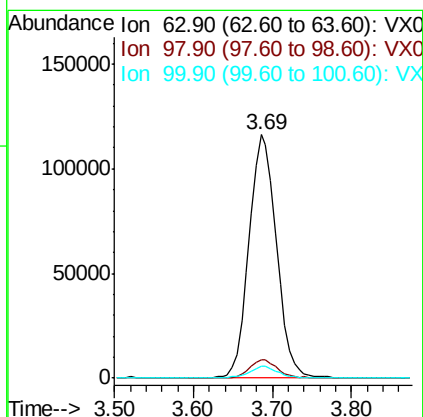
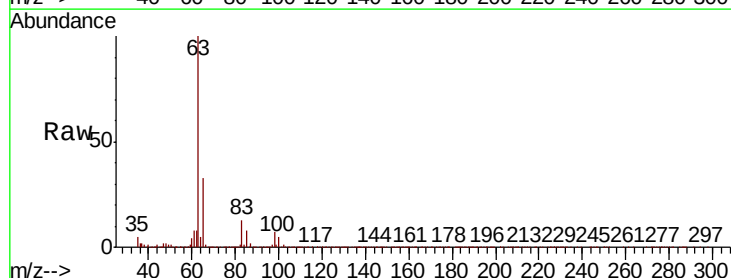
Tgt Ion: 63 Resp: 281460

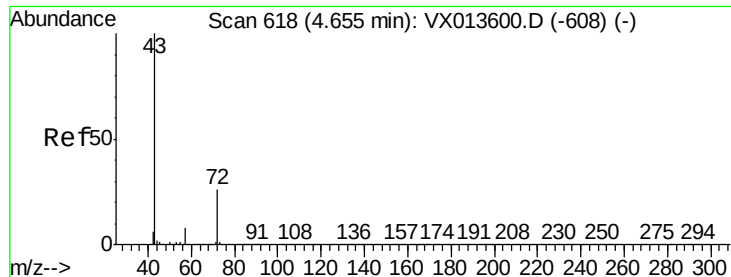
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.7 2.1 6.3





#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

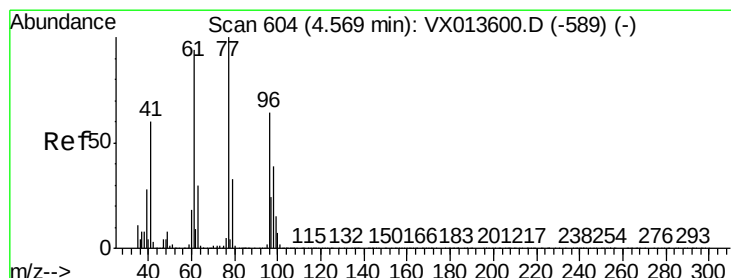
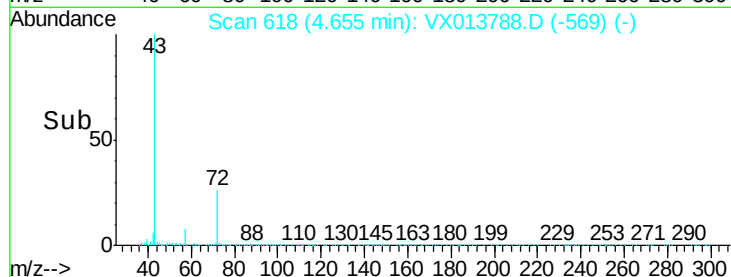
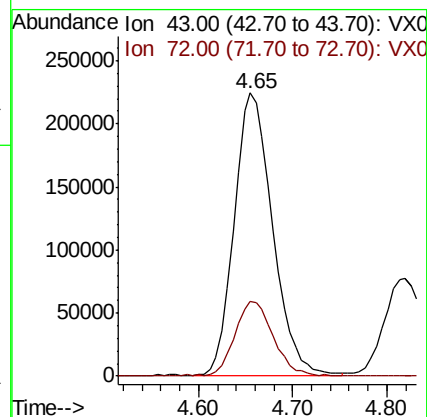
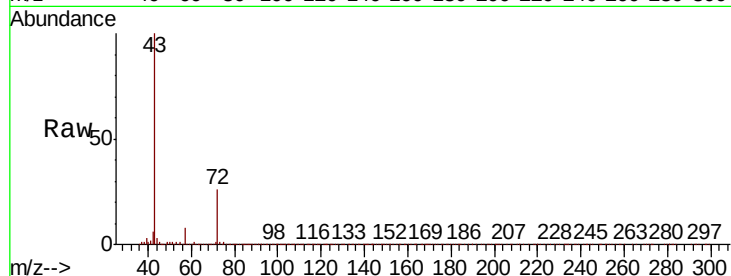
72 26.3 20.6 31.0

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#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

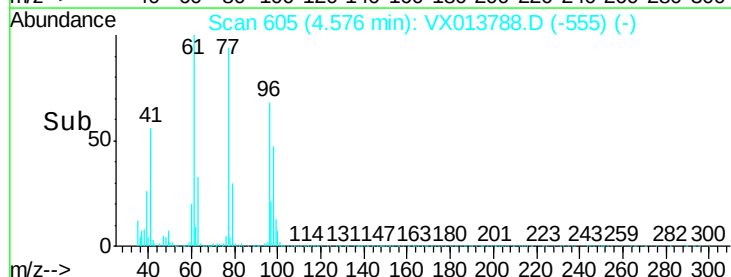
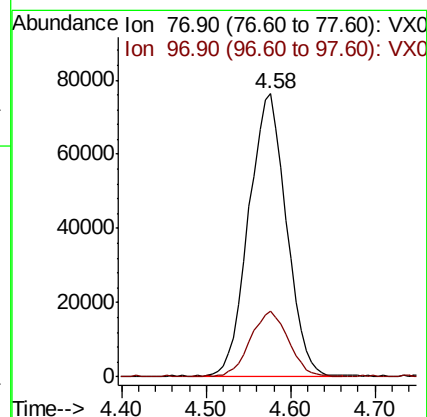
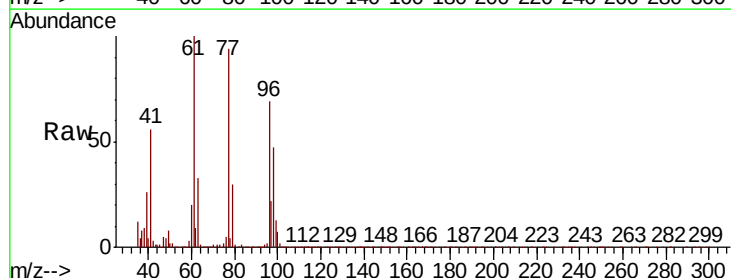
Acq: 06 Dec 2019 10:36

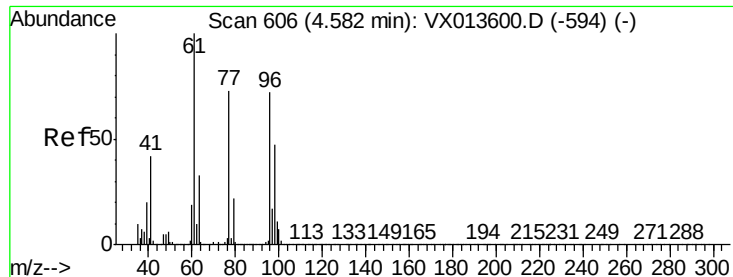
Tgt Ion: 77 Resp: 231111

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.1





#27

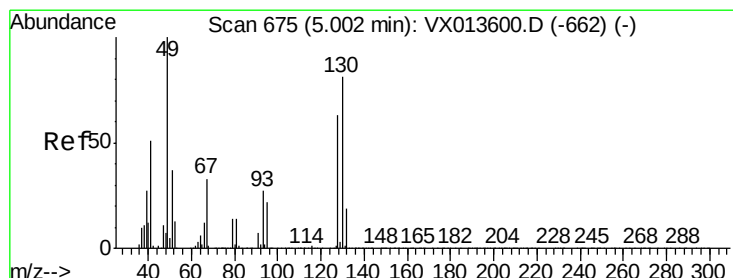
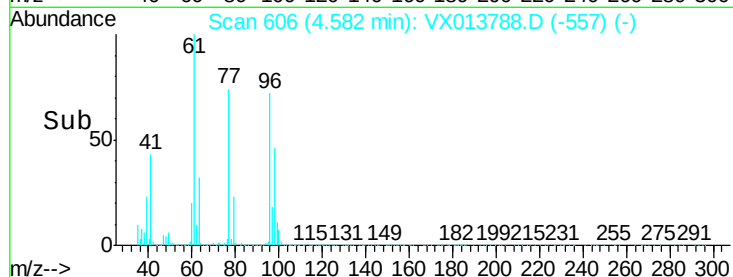
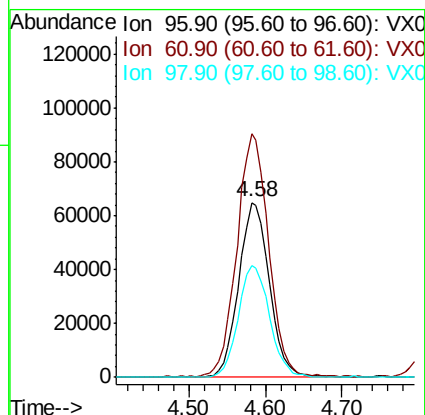
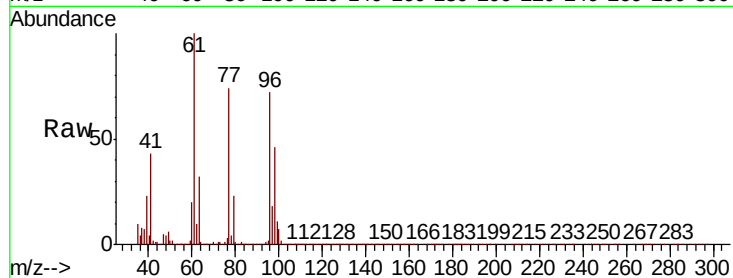
cis-1,2-Dichloroethene
Concen: 20.497 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

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

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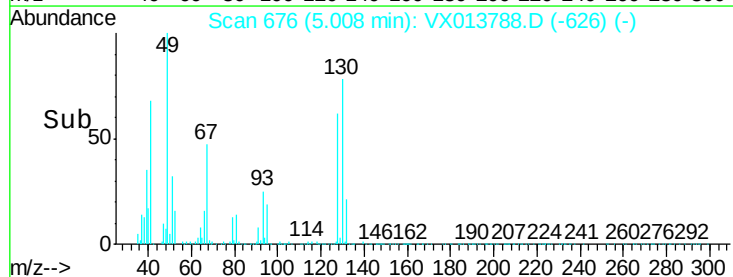
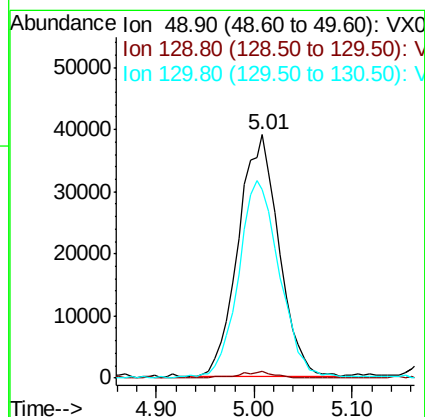
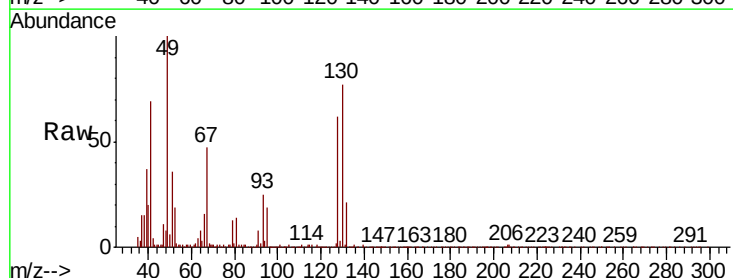
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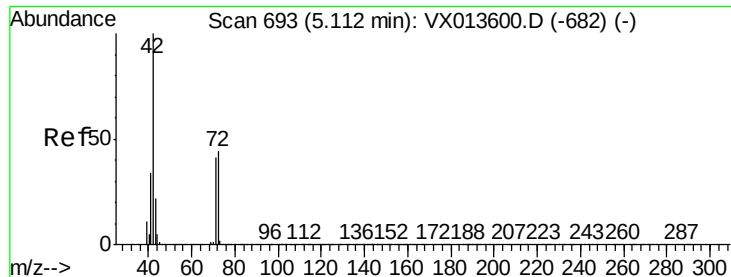


#28

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





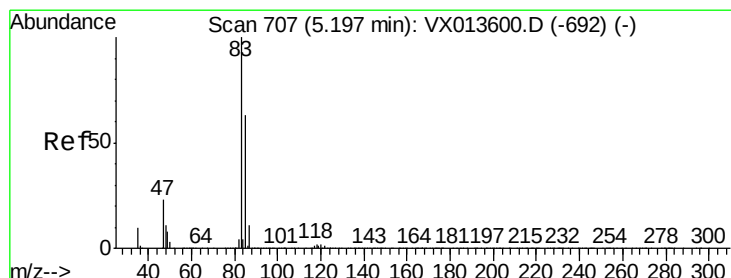
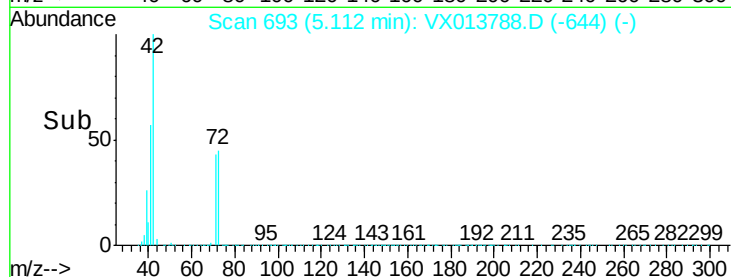
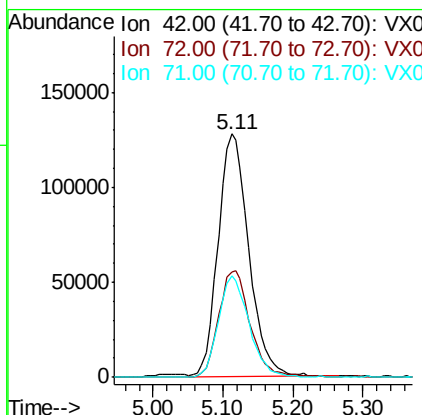
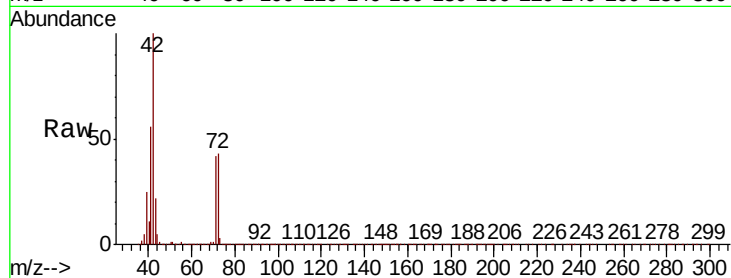
#29
Tetrahydrofuran
Concen: 100.745 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	36.3	54.5
71	41.5	33.2	49.8

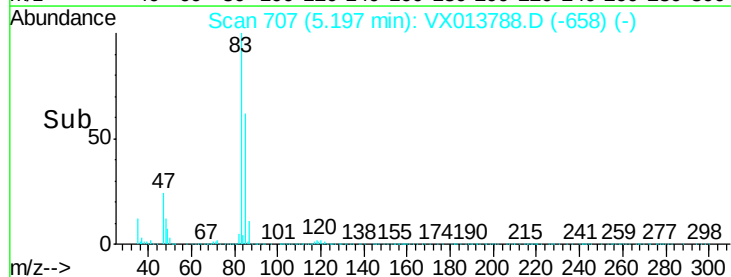
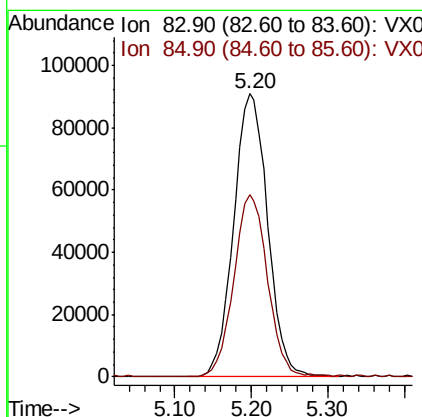
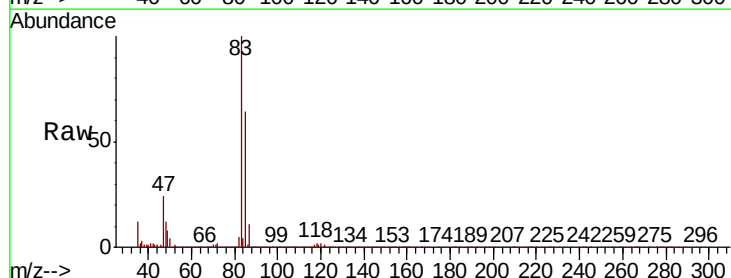
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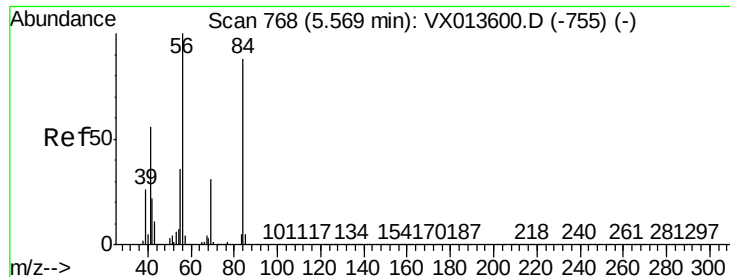
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#30
Chloroform
Concen: 20.654 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.2	75.4





#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

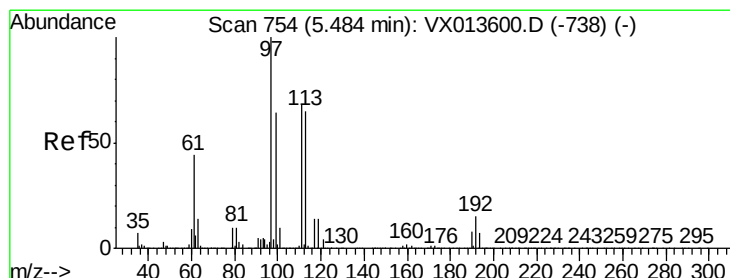
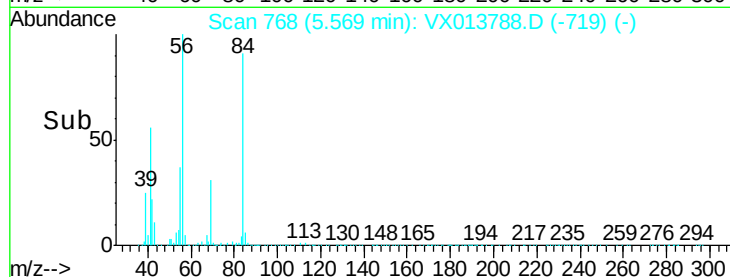
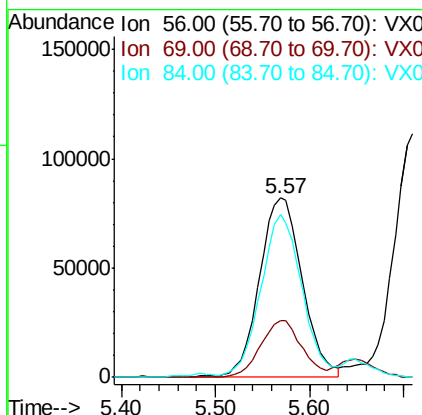
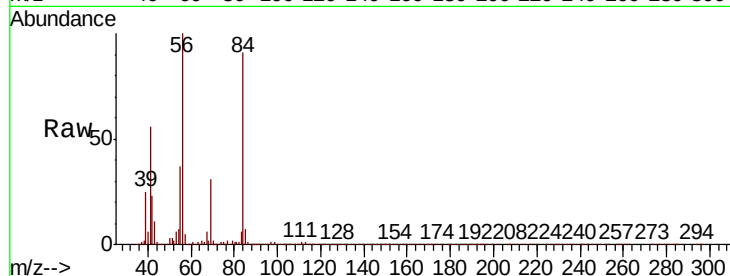
ClientSampleId :

VX1206WBS01

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

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#32

1,1,1-Trichloroethane

Concen: 20.848 ug/l

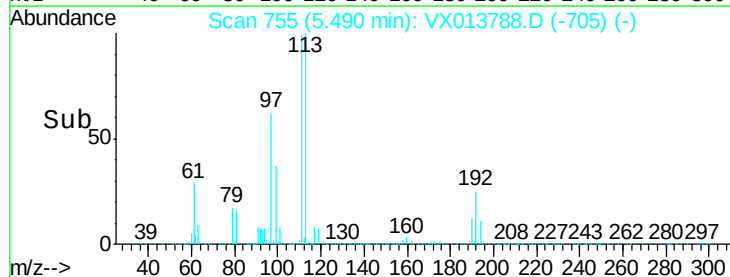
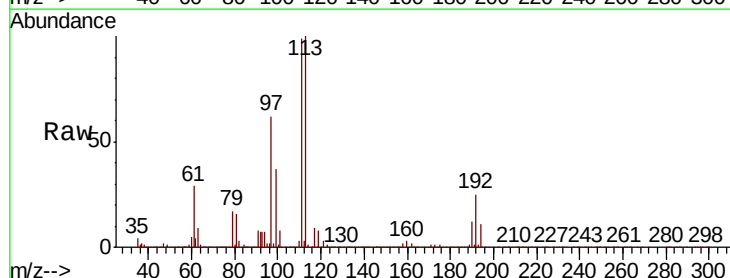
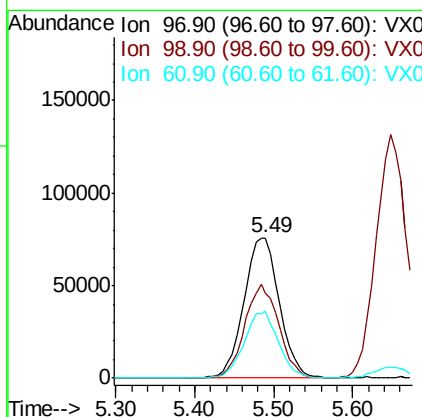
RT: 5.49 min Scan# 755

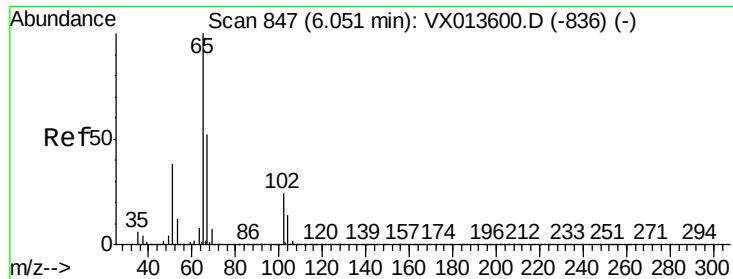
Delta R.T. 0.01 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Tgt Ion	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

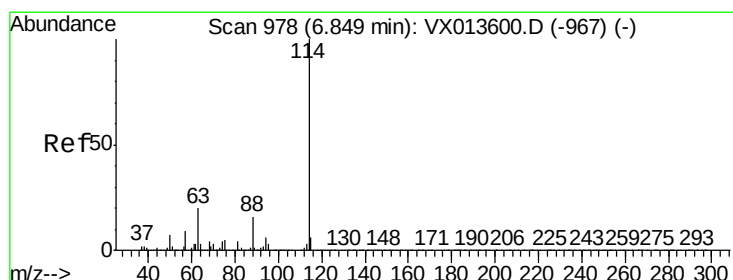
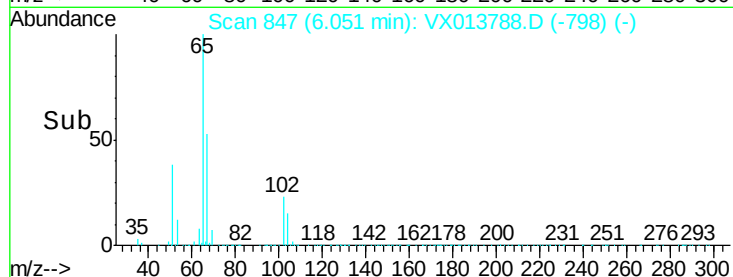
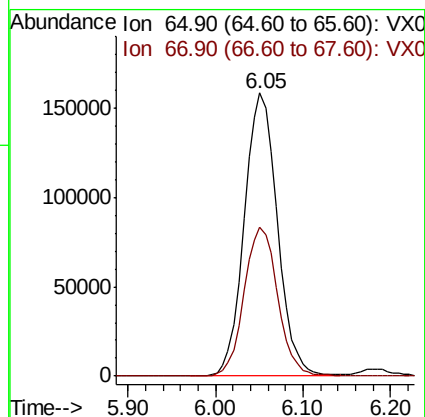
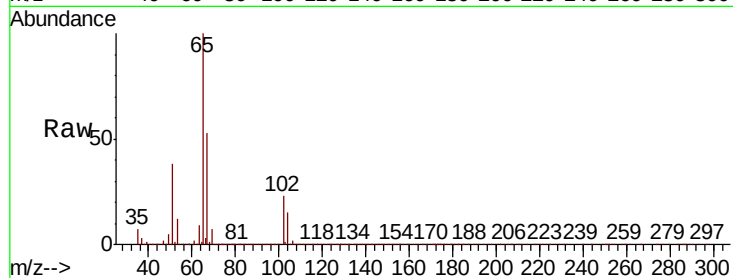
67 53.2 0.0 104.4

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#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

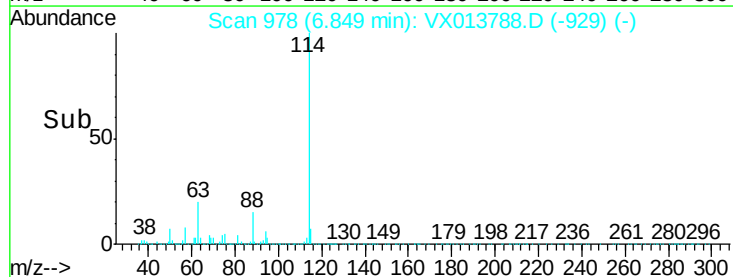
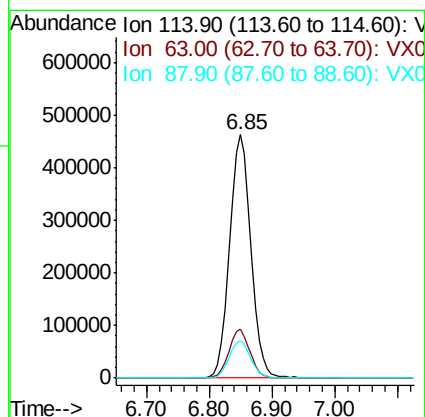
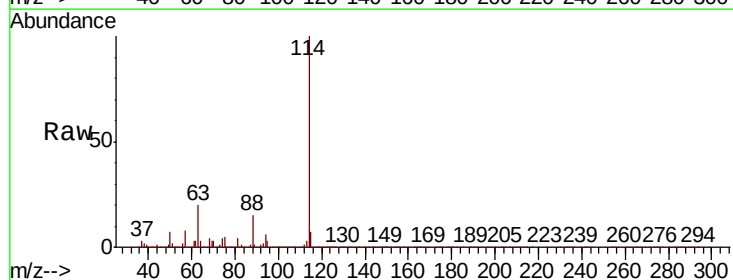
Tgt Ion: 114 Resp: 1085418

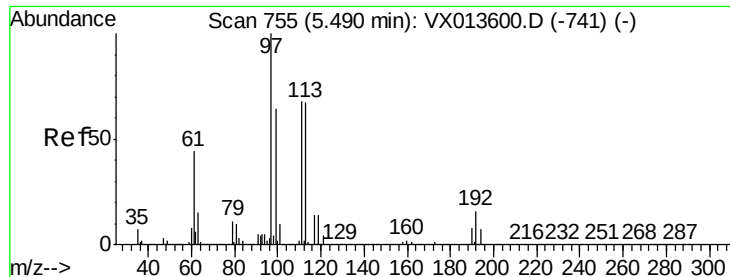
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.2 0.0 31.4





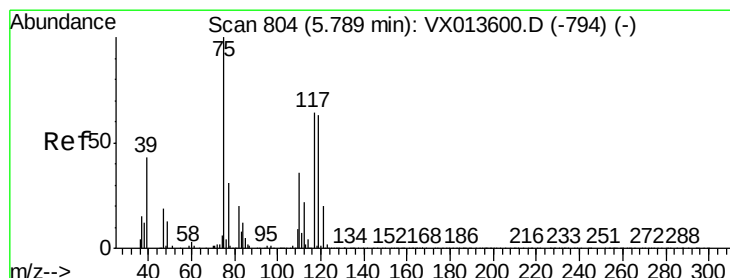
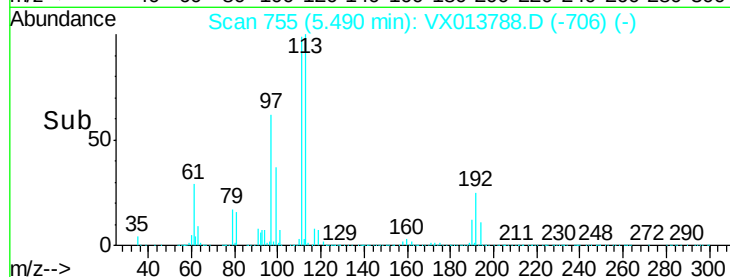
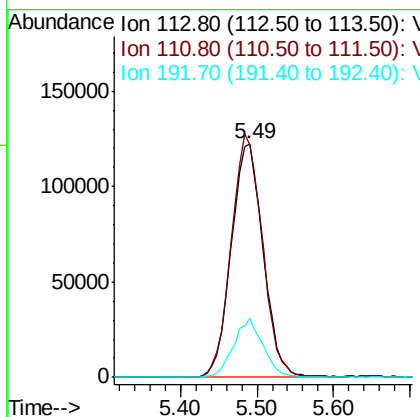
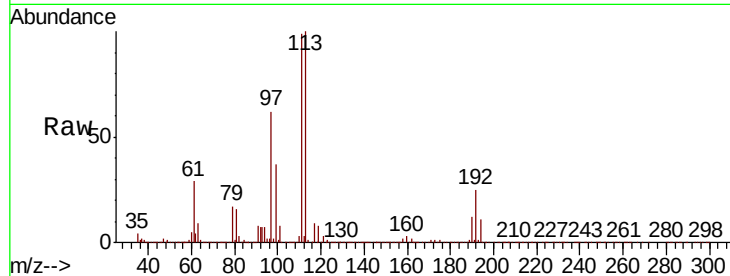
#35
 Dibromofluoromethane
 Concen: 52.411 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	351685		
111	102.1	83.6	125.4	
192	23.5	19.2	28.8	

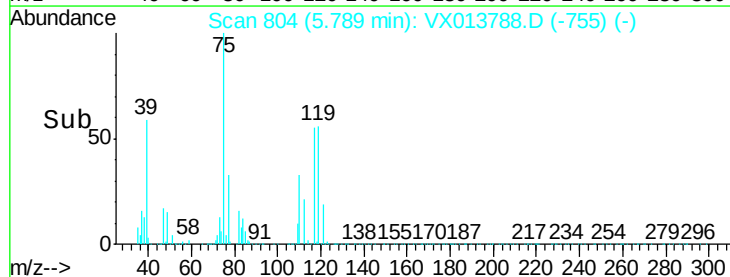
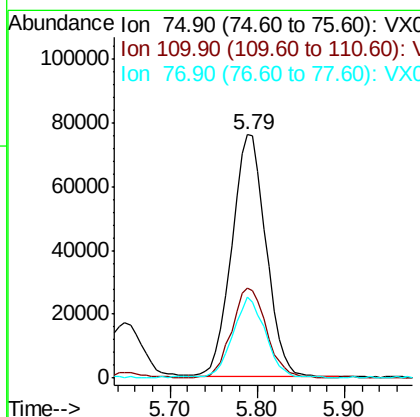
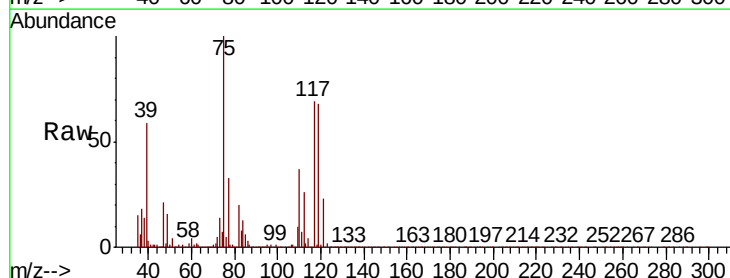
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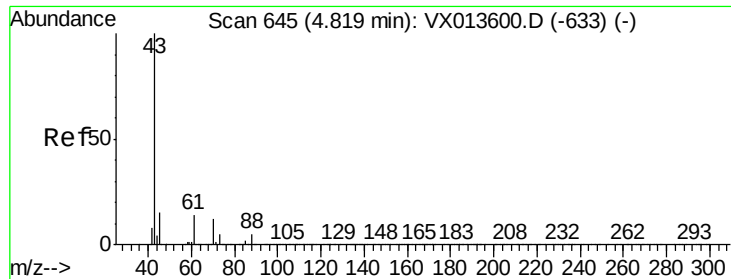
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#36
 1,1-Dichloropropene
 Concen: 20.966 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	206574		
110	37.9	18.1	54.1	
77	31.2	24.5	36.7	





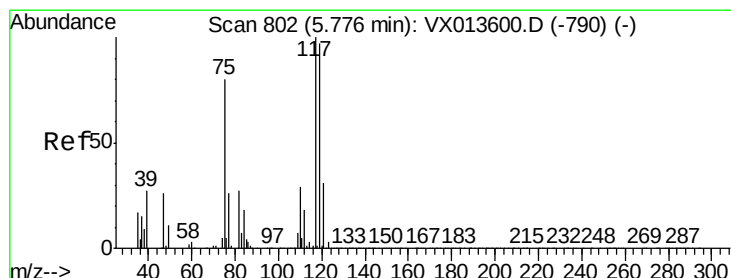
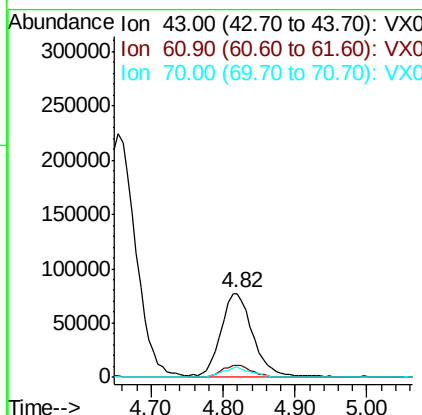
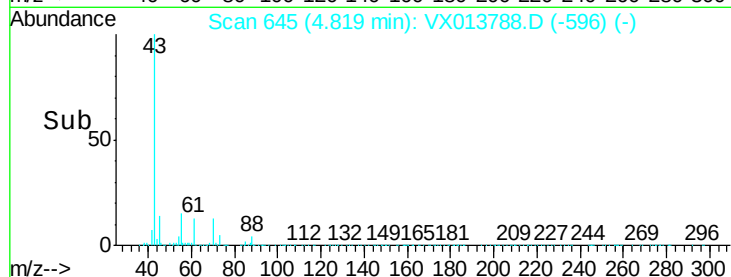
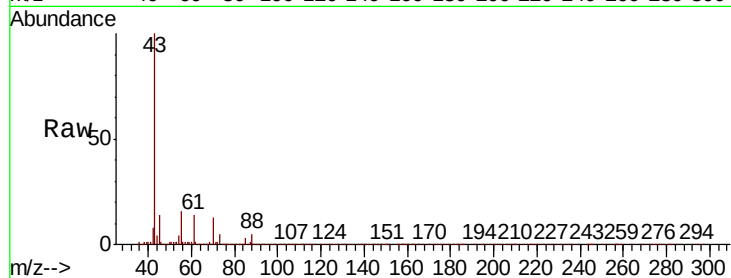
#37
Ethyl Acetate
Concen: 21.342 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

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

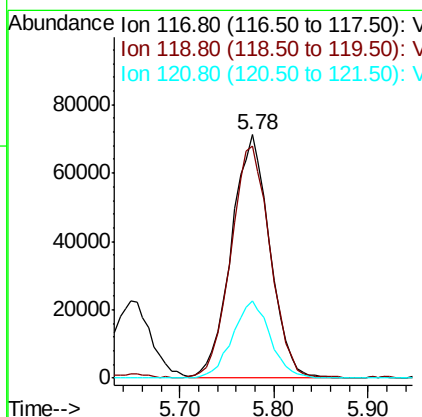
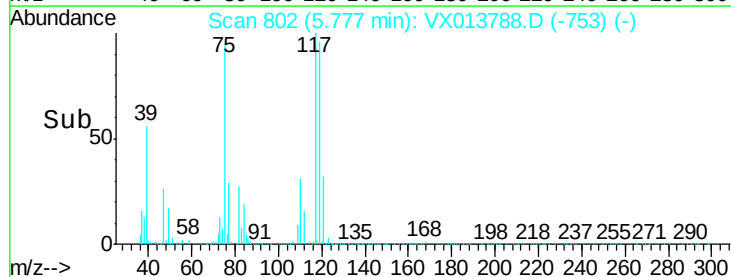
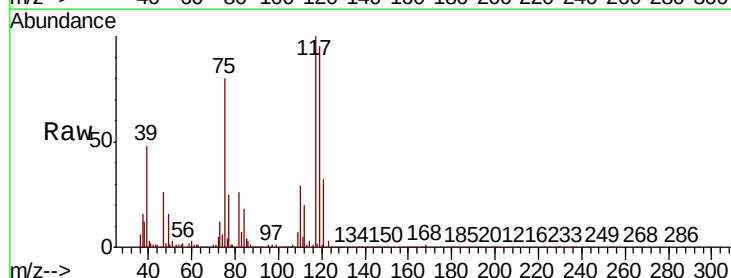
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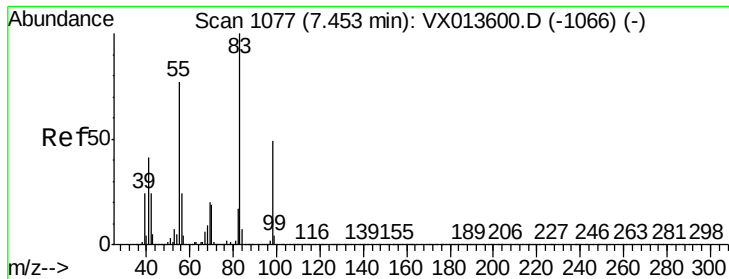
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#38
Carbon Tetrachloride
Concen: 22.151 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

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





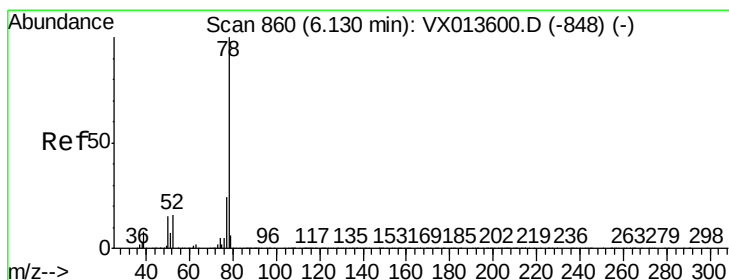
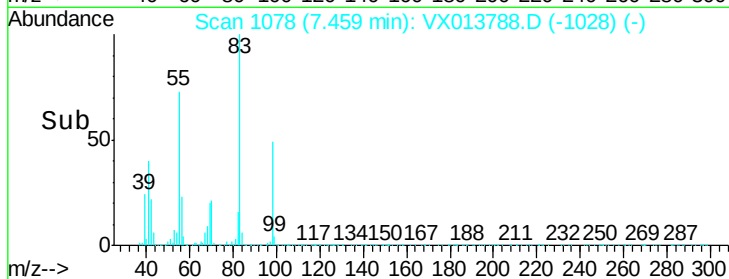
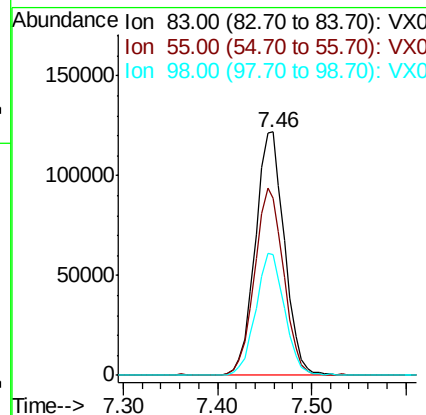
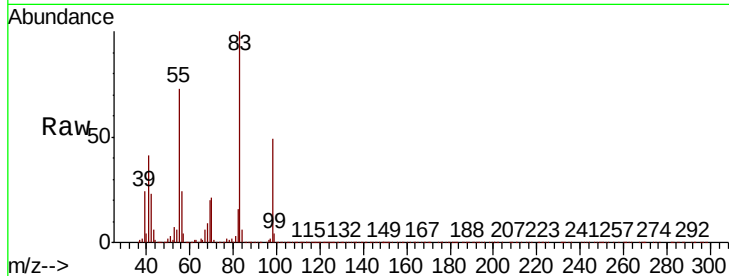
#39
Methvlcvclohexane
Concen: 21.824 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

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

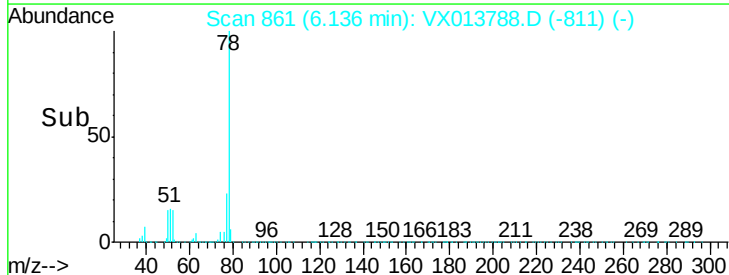
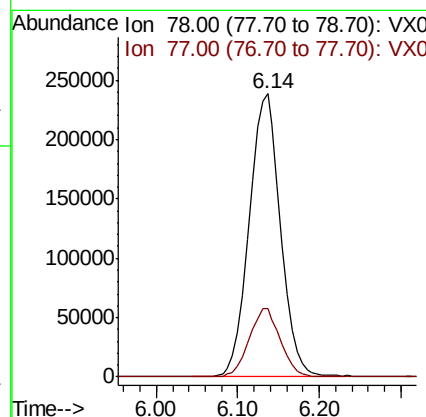
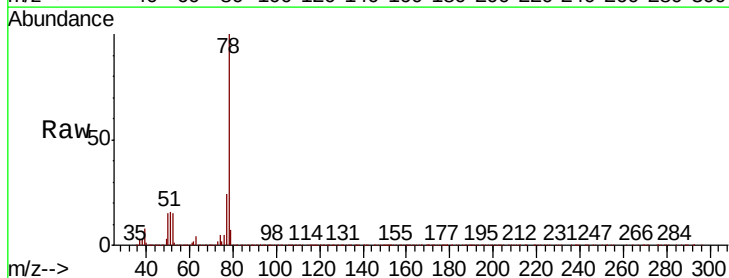
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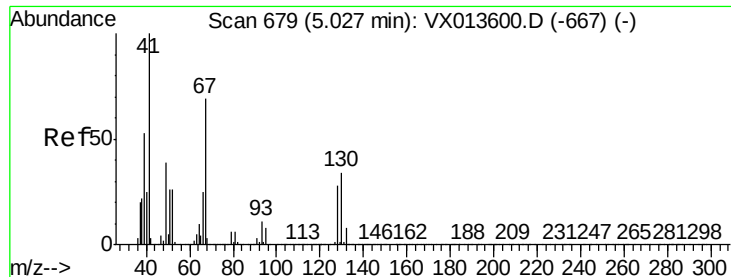
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#40
Benzene
Concen: 21.201 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

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

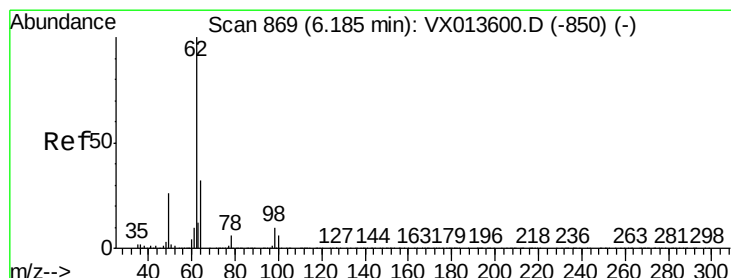
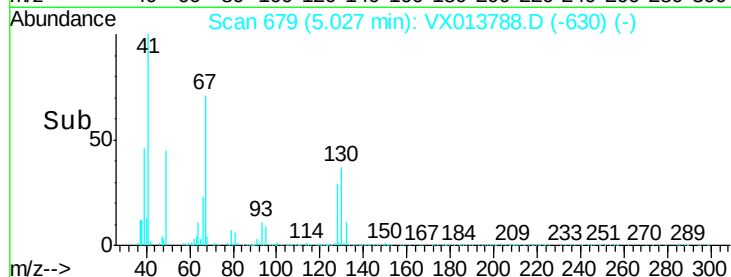
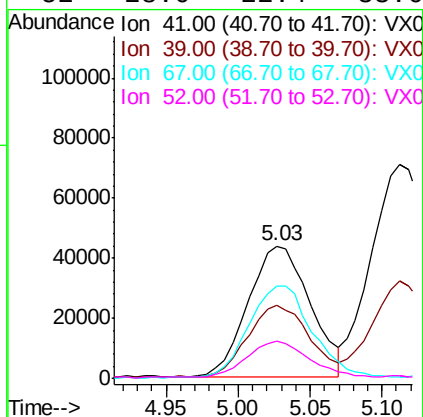
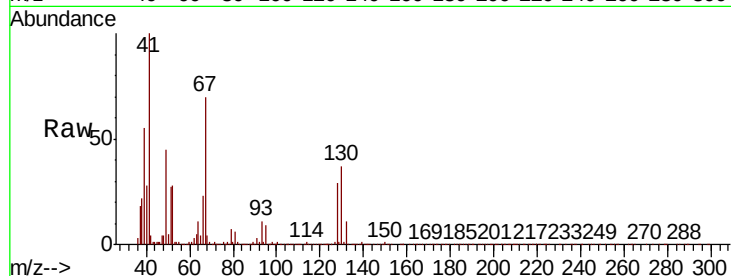
ClientSampleId :

VX1206WBS01

Tot Ion	Ion	Ratio	Resp	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		

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#42

1,2-Dichloroethane

Concen: 21.978 ug/l

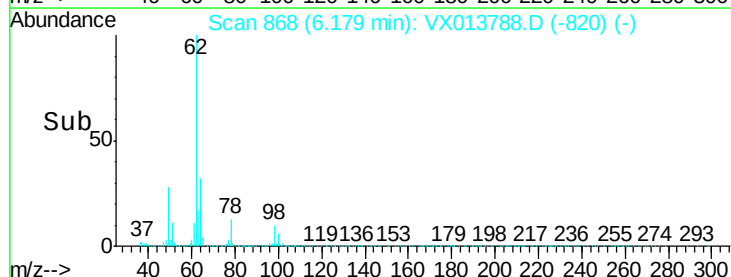
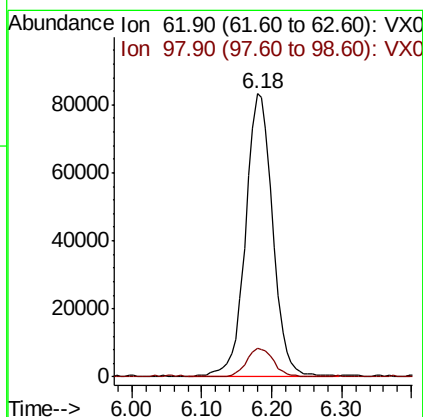
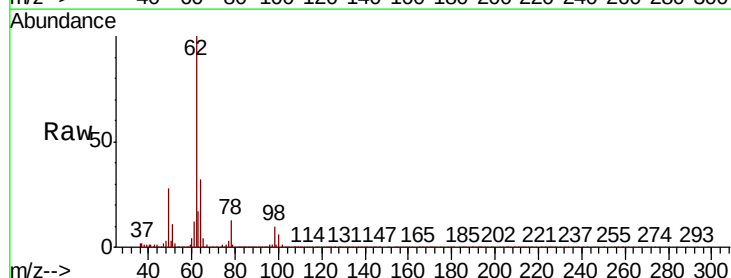
RT: 6.18 min Scan# 868

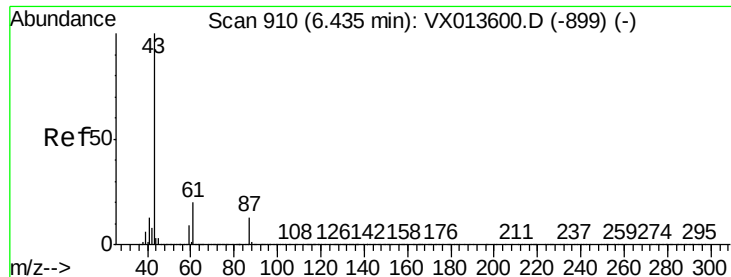
Delta R.T. -0.01 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

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





#43

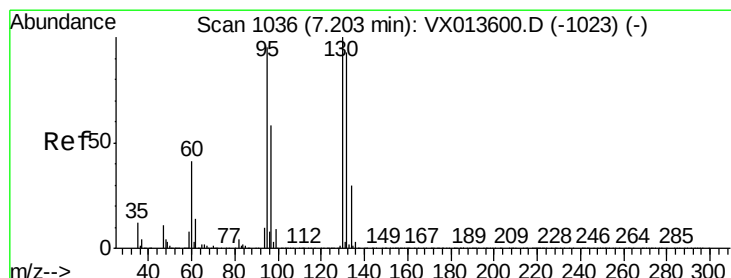
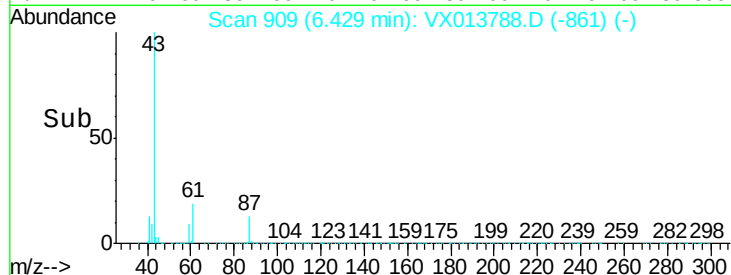
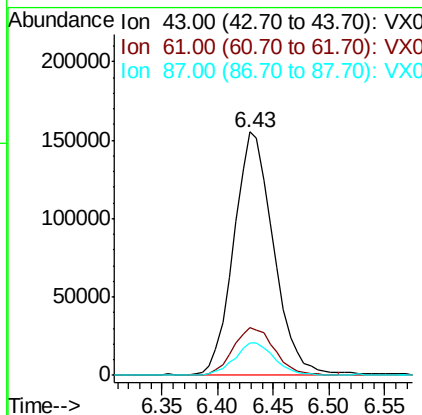
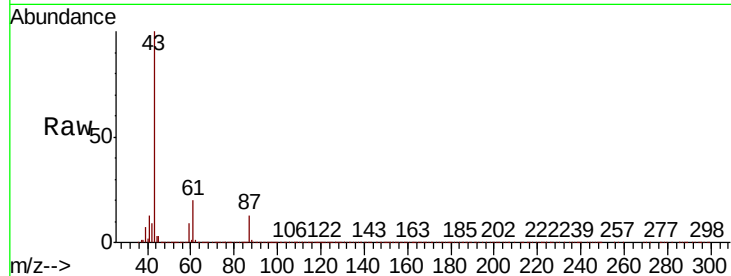
Isopropyl Acetate
 Concen: 20.931 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Tot Ion	43	Resp	380888
Ion Ratio	Lower	Upper	
43	100		
61	20.5	16.3	24.5
87	13.1	10.8	16.2

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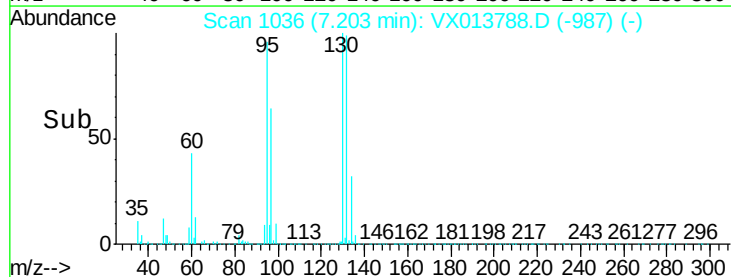
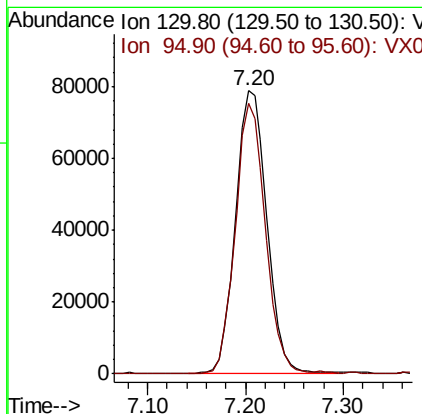
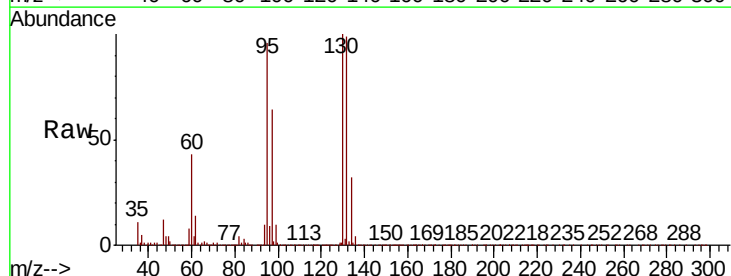
apatel
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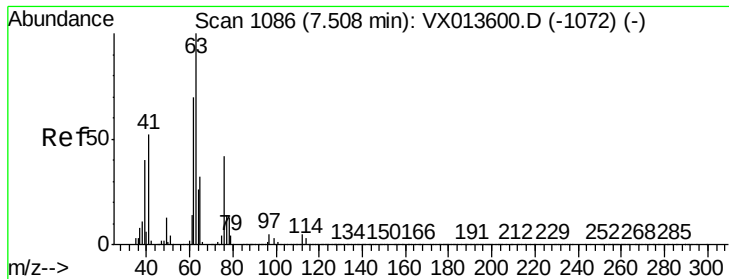


#44

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	130	Resp	174447
Ion Ratio	Lower	Upper	
130	100		
95	95.7	0.0	190.8





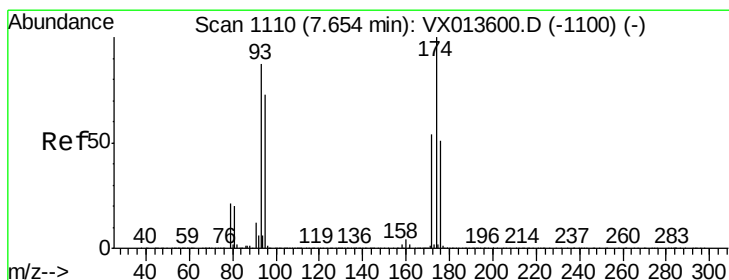
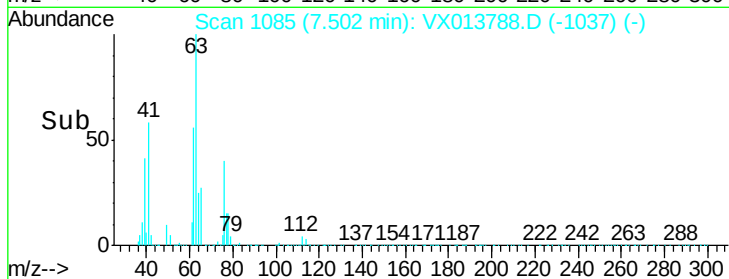
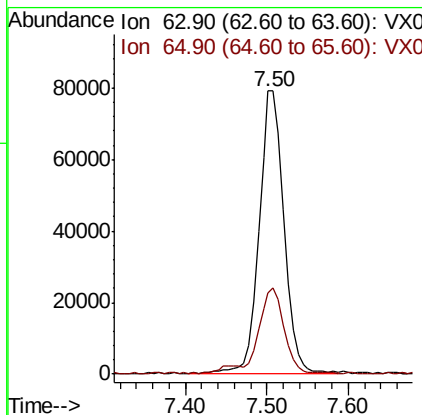
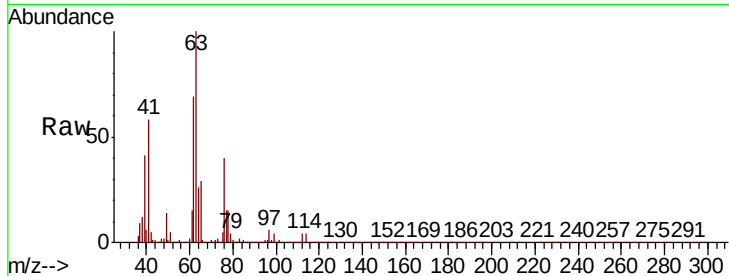
#45
 1,2-Dichloropropane
 Concen: 22.454 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

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

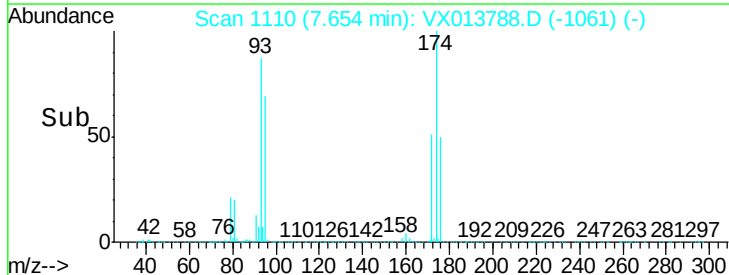
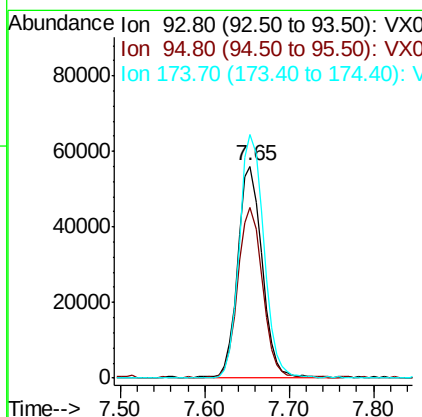
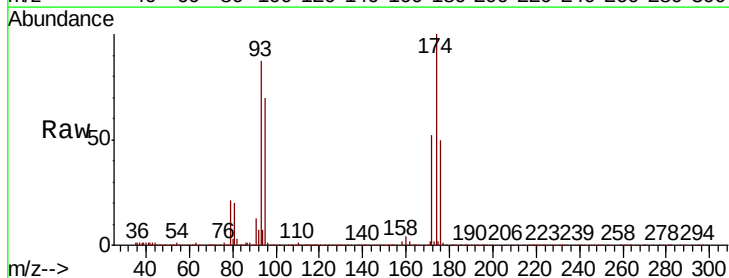
Manual Integrations
 APPROVED

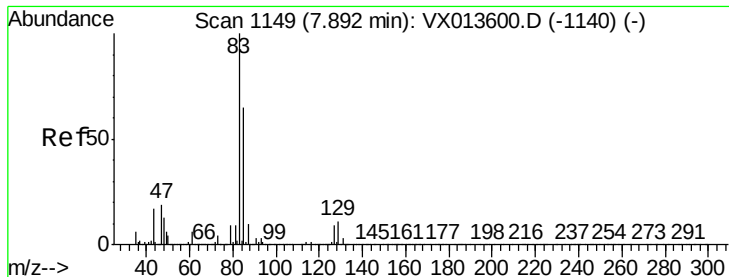
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#46
 Dibromomethane
 Concen: 21.189 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	108048		
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

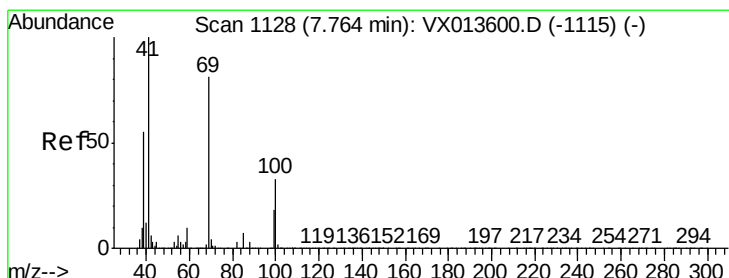
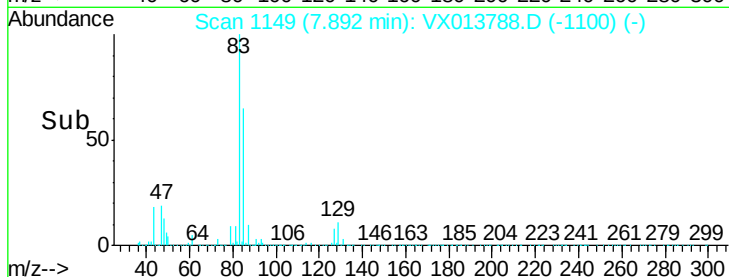
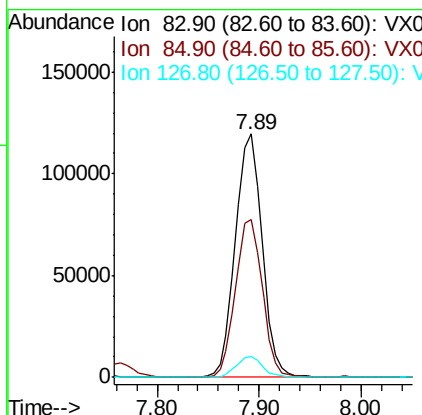
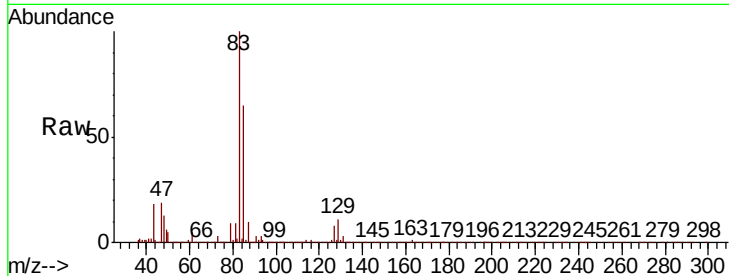
ClientSampleId :

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

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.510 ug/l

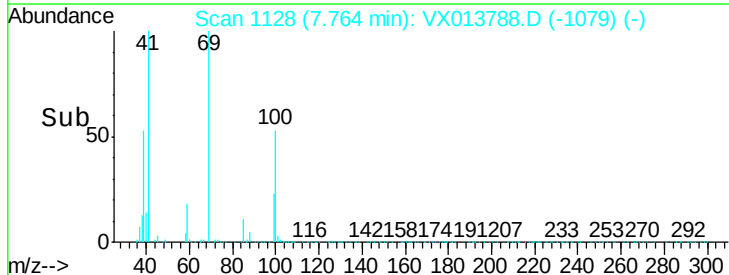
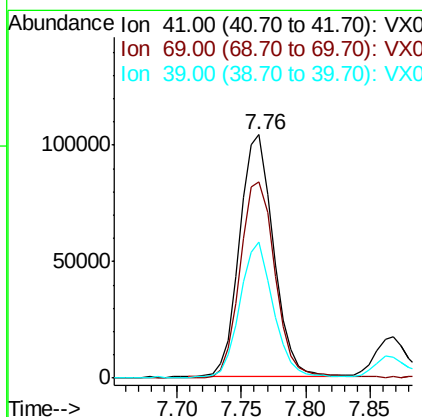
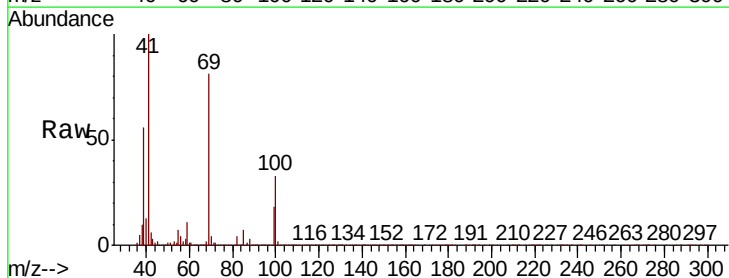
RT: 7.76 min Scan# 1128

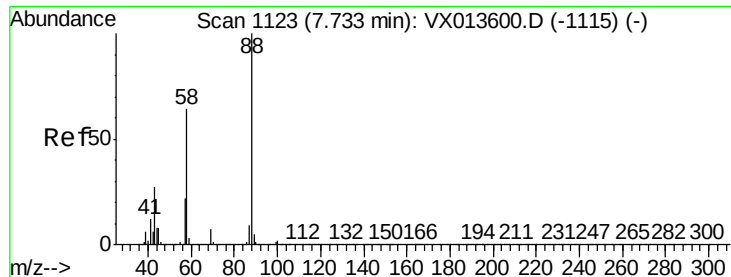
Delta R.T. 0.00 min

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





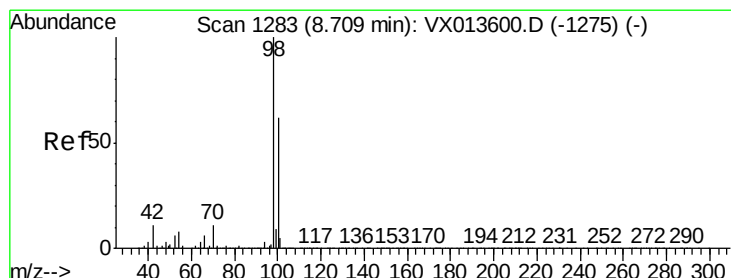
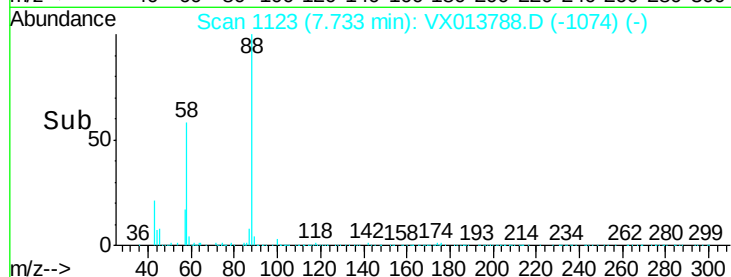
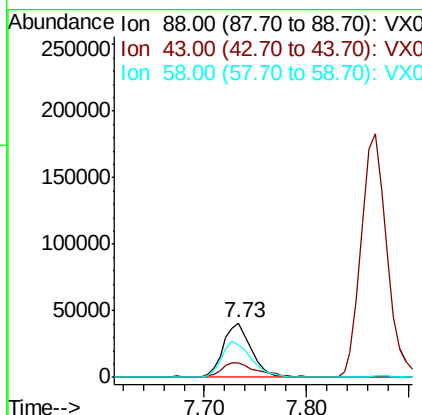
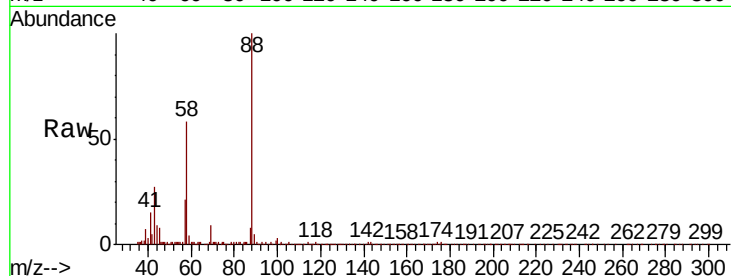
#49
1,4-Dioxane
Concen: 391.554 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

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

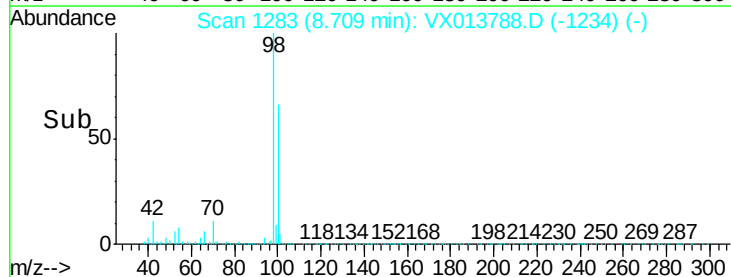
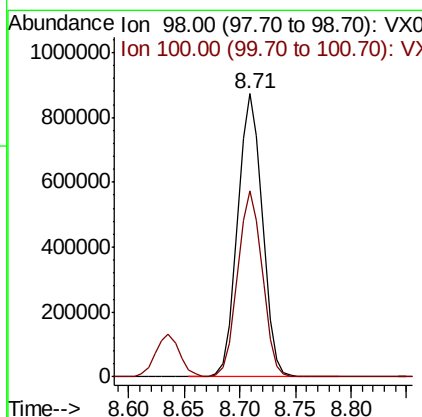
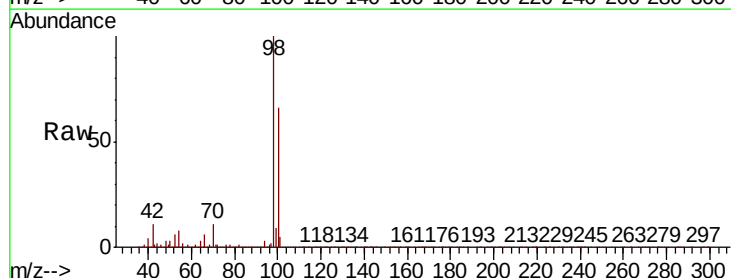
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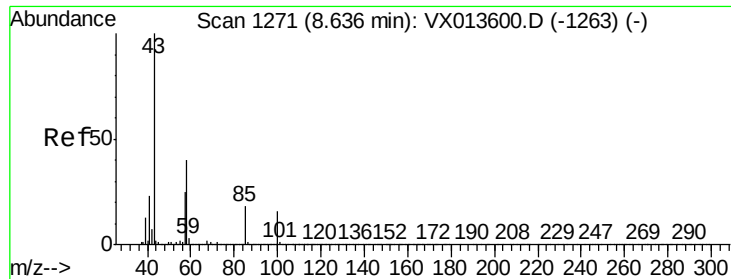
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#50
Toluene-d8
Concen: 51.196 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.1	79.7





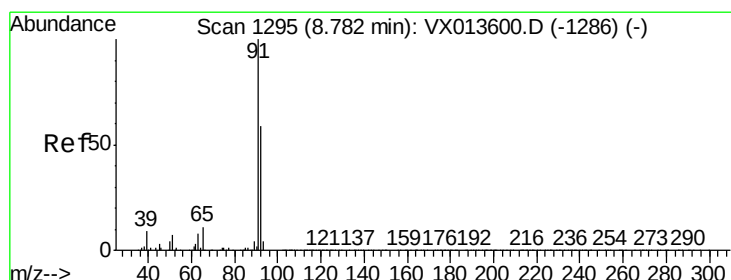
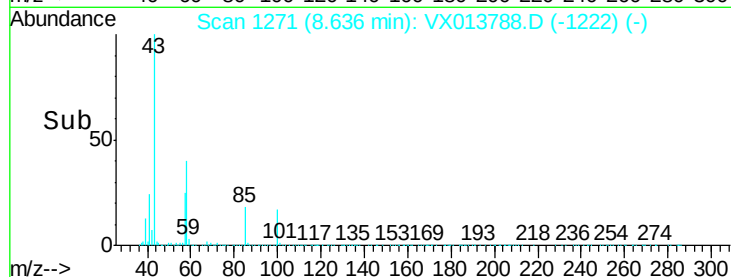
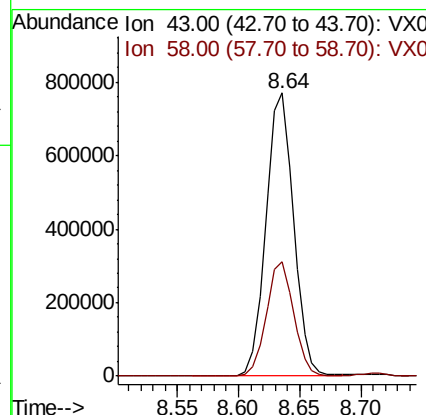
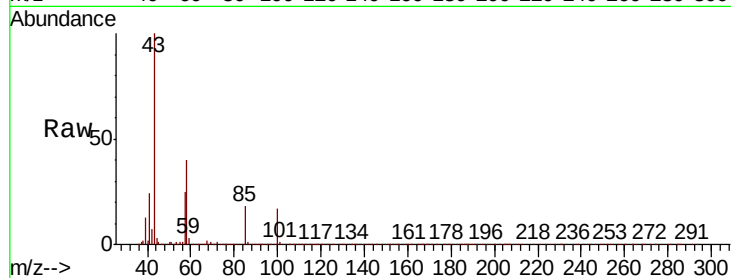
#51
4-Methyl-2-Pentanone
Concen: 106.042 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion: 43 Resp: 1213816
Ion Ratio Lower Upper
43 100
58 39.9 32.1 48.1

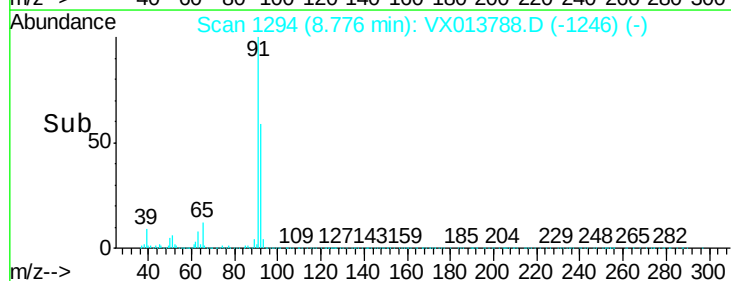
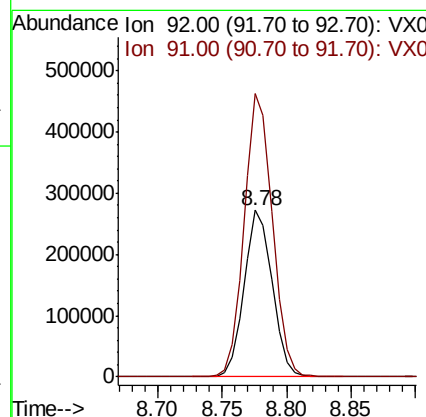
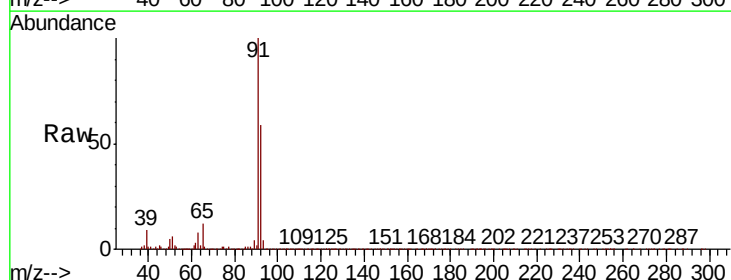
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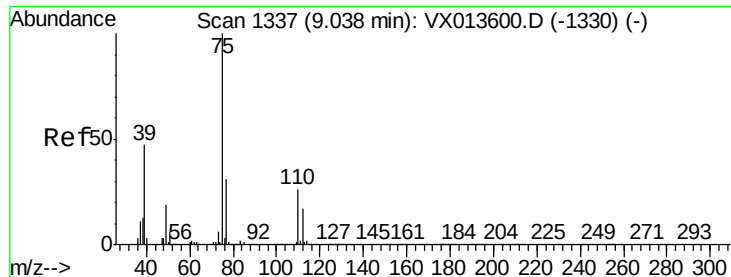
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#52
Toluene
Concen: 21.951 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

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

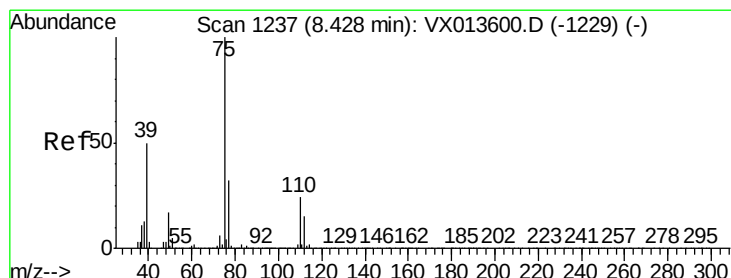
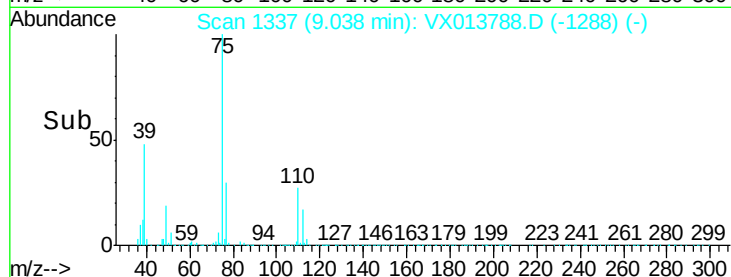
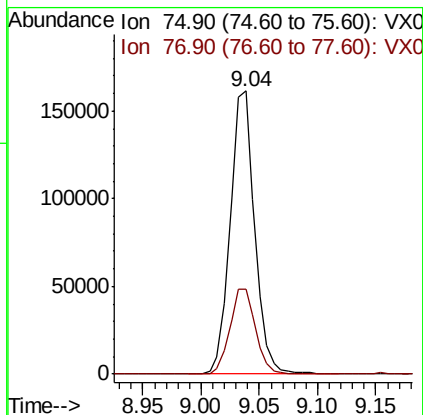
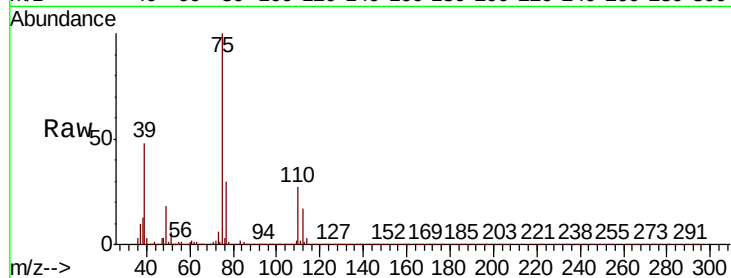
77 30.0 24.4 36.6

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#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

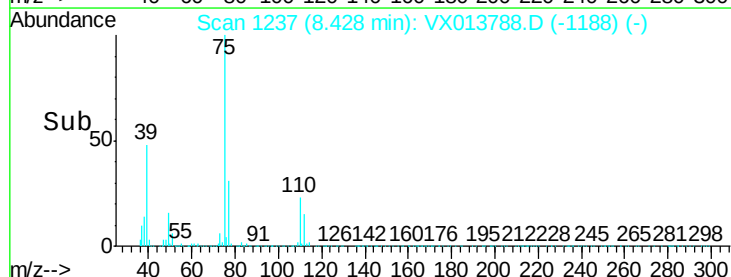
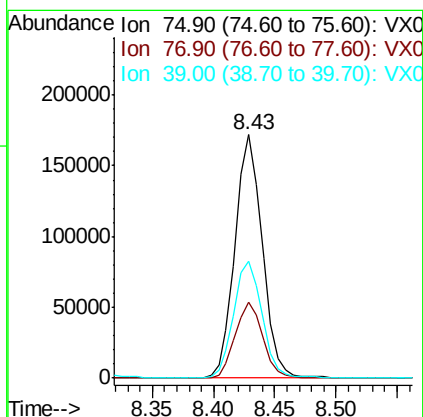
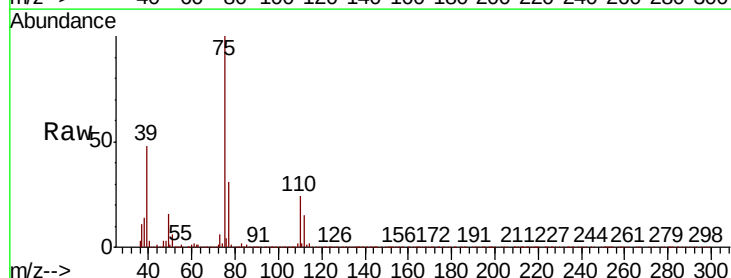
Tgt Ion: 75 Resp: 264909

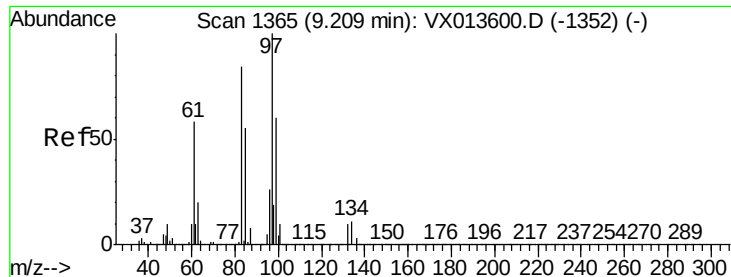
Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

39 48.1 39.9 59.9





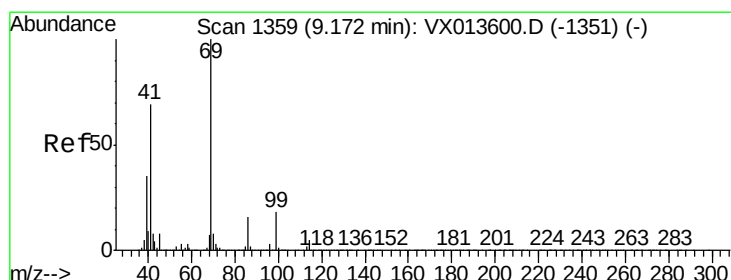
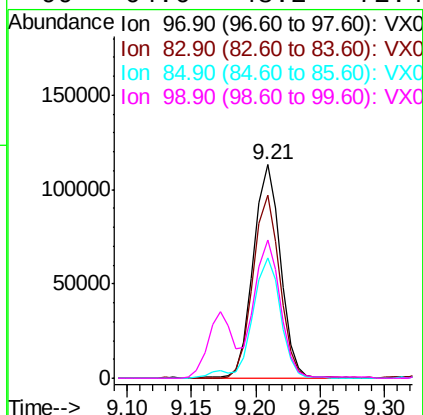
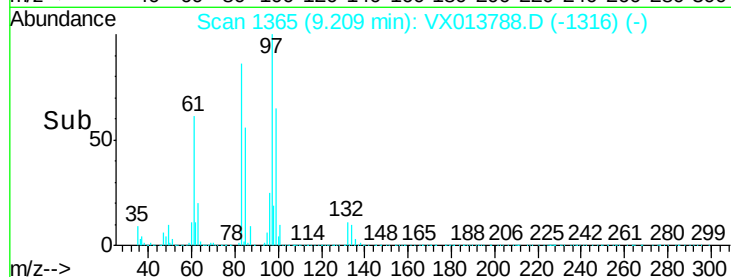
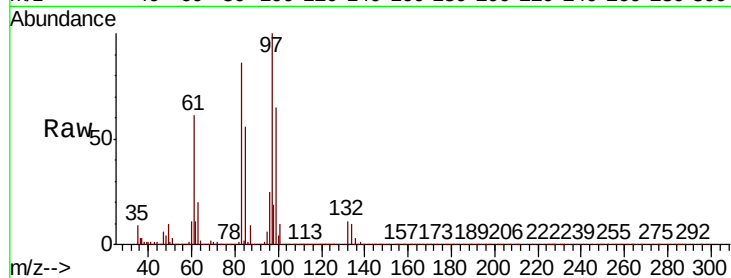
#55
 1,1,2-Trichloroethane
 Concen: 21.840 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

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

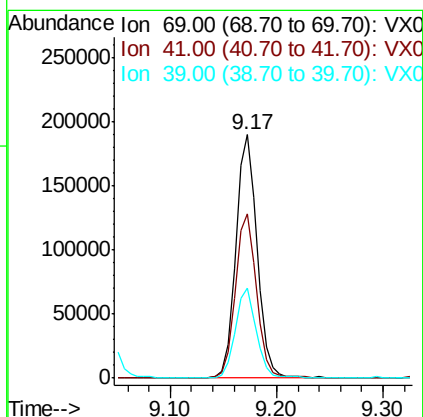
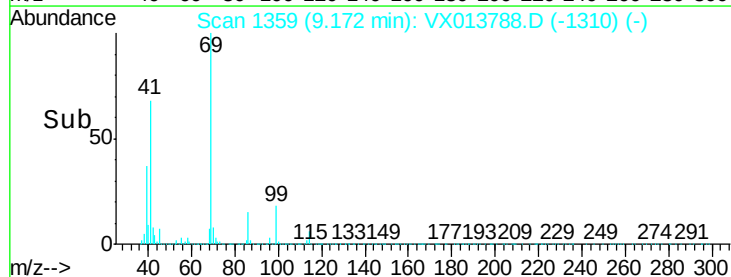
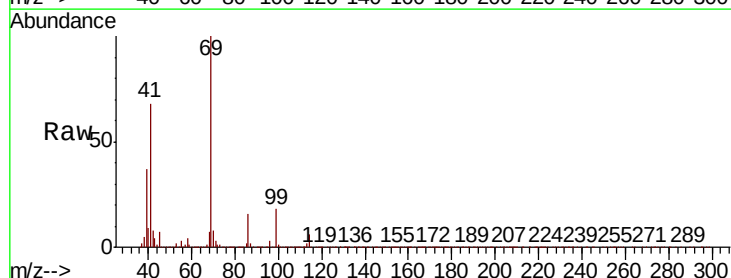
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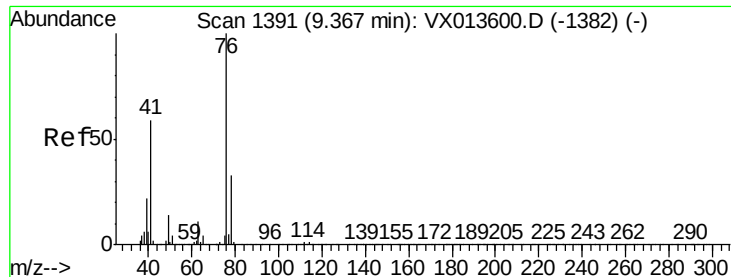
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#56
 Ethyl methacrylate
 Concen: 22.008 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

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





#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

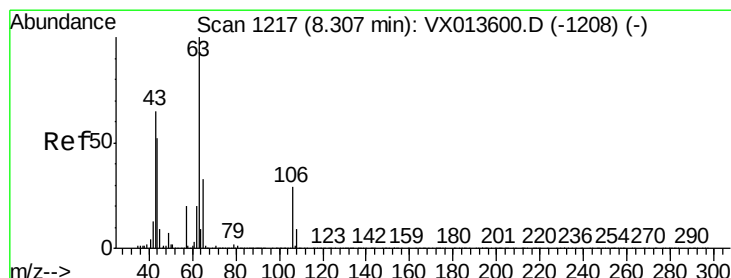
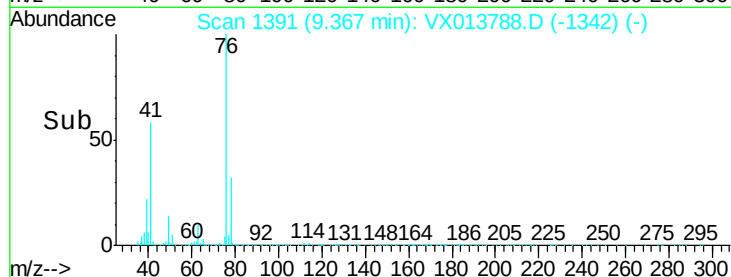
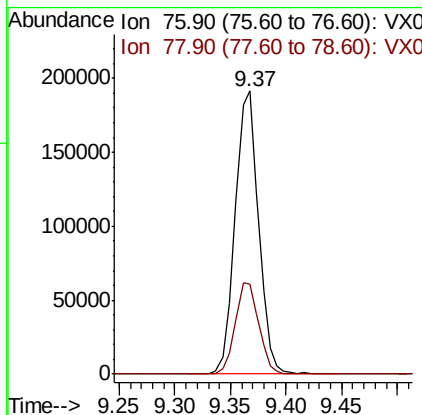
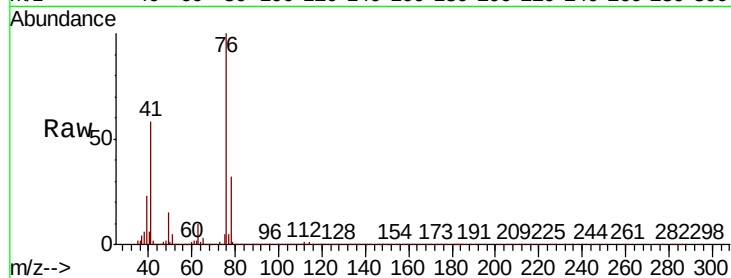
78 33.2 26.0 39.0

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#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

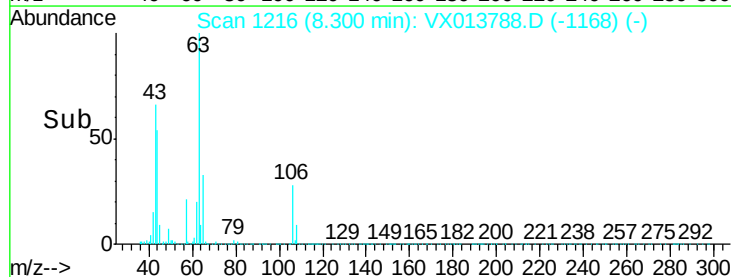
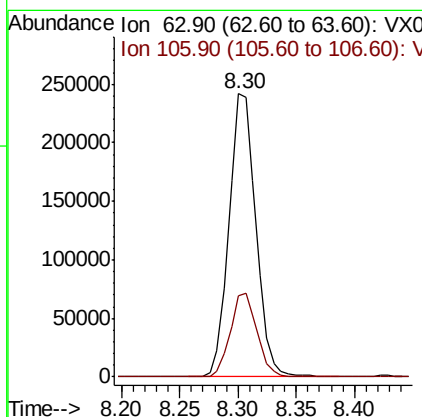
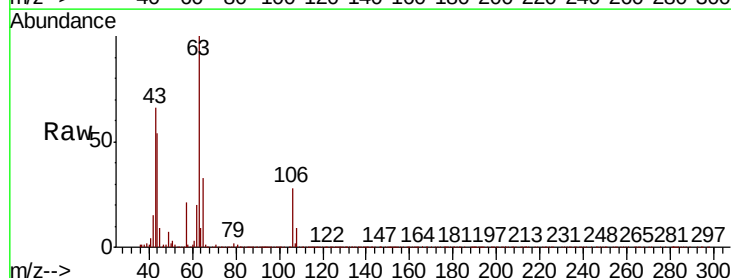
Acq: 06 Dec 2019 10:36

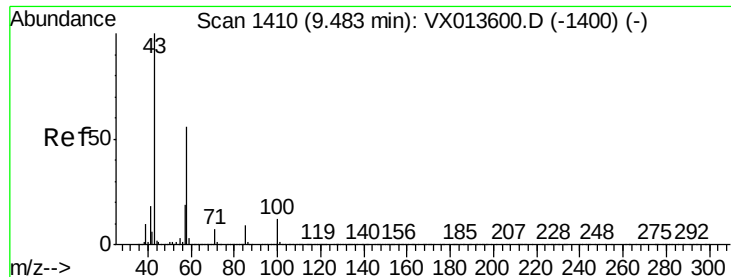
Tgt Ion: 63 Resp: 387483

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.0





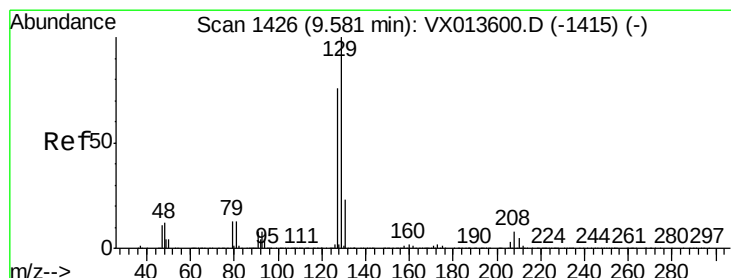
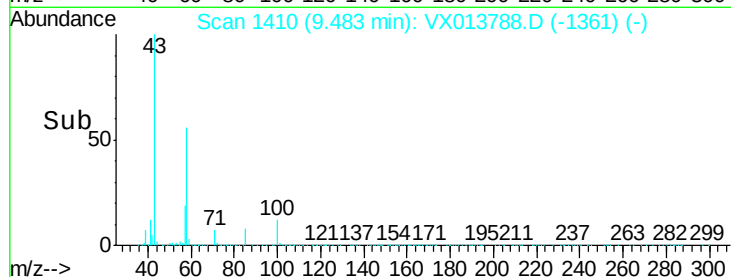
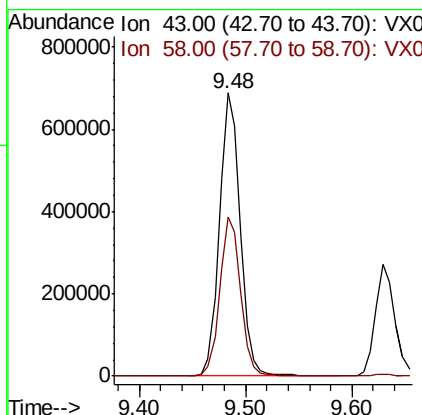
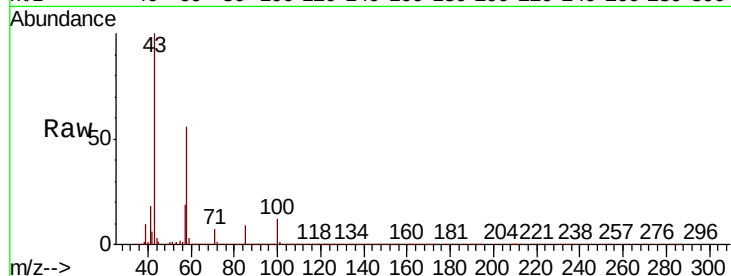
#59
2-Hexanone
Concen: 104.350 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.4	28.1	84.4

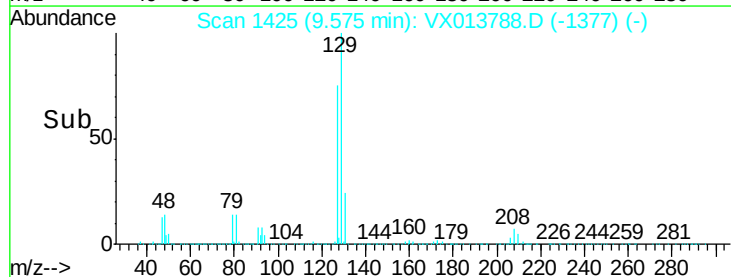
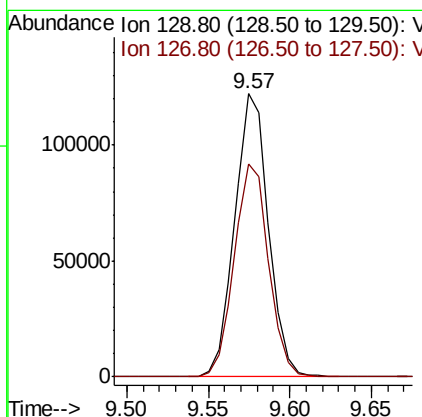
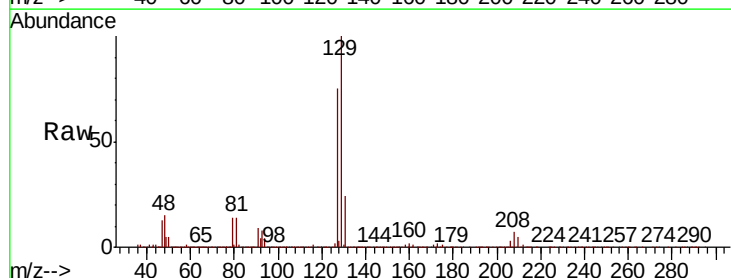
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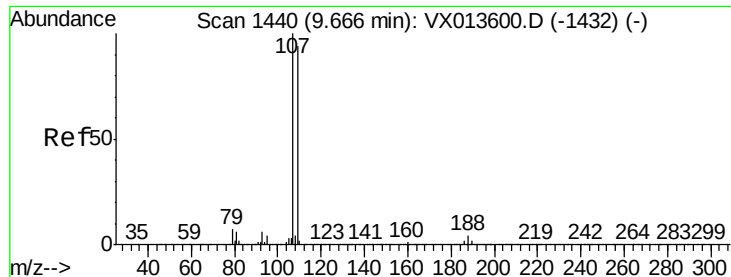
apatel
12/9/2019 9:07:51 AM



#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	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

ClientSampleId :

VX1206WBS01

Tot Ion: 107 Resp: 172169

Ion Ratio Lower Upper

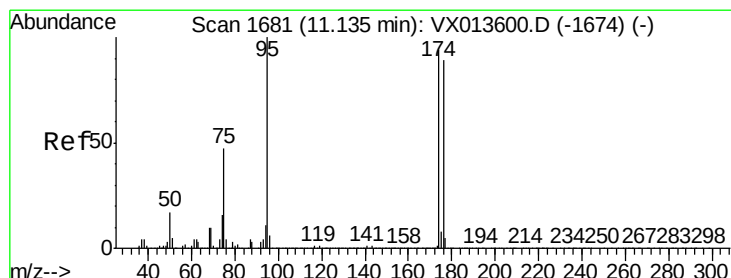
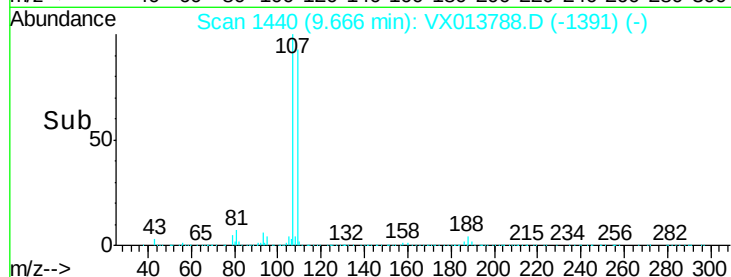
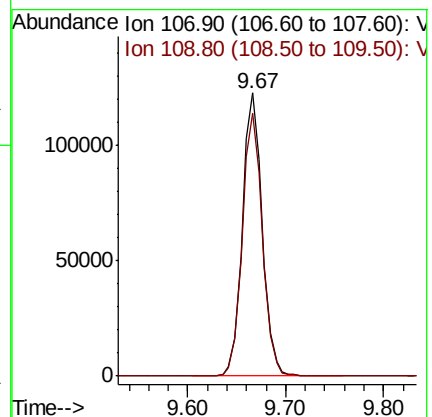
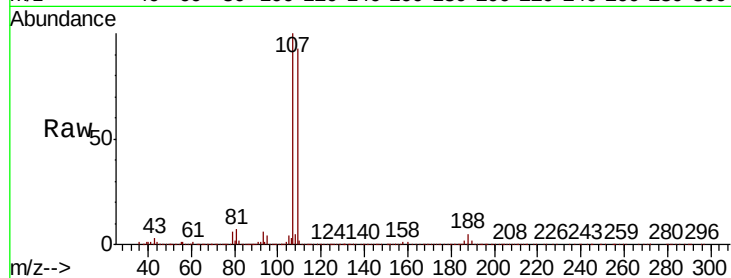
107 100

109 94.2 76.1 114.1

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#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

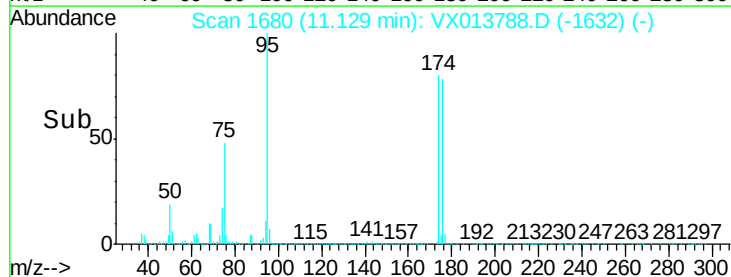
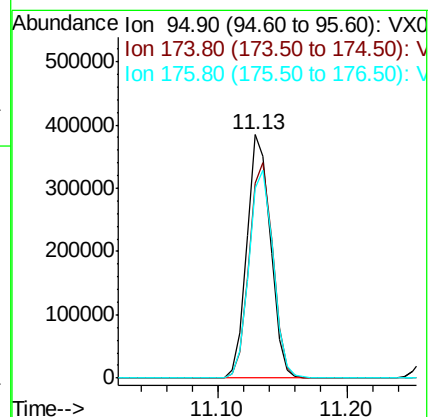
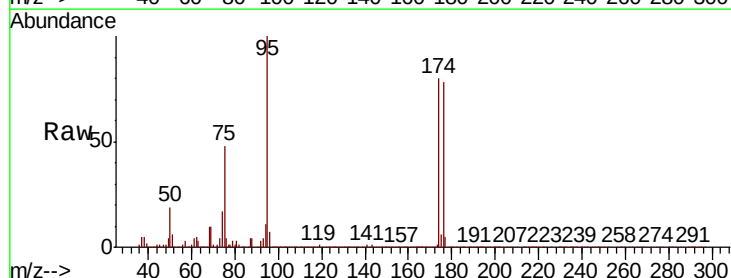
Tgt Ion: 95 Resp: 484111

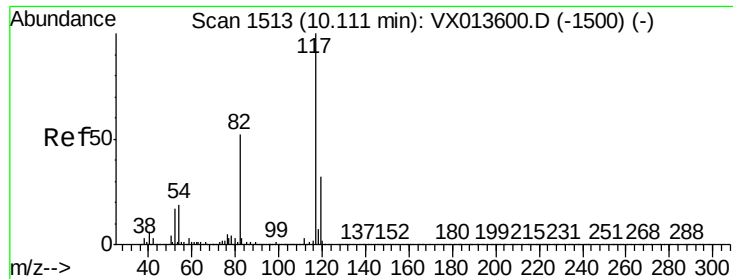
Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.0

176 87.6 0.0 173.6





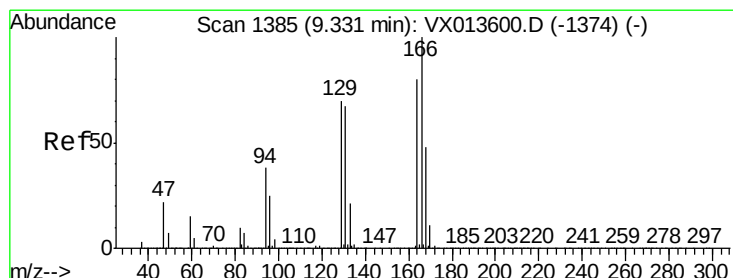
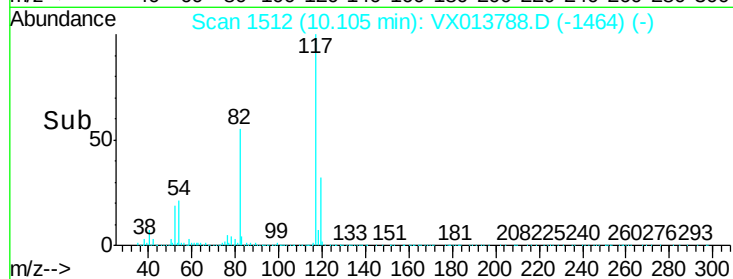
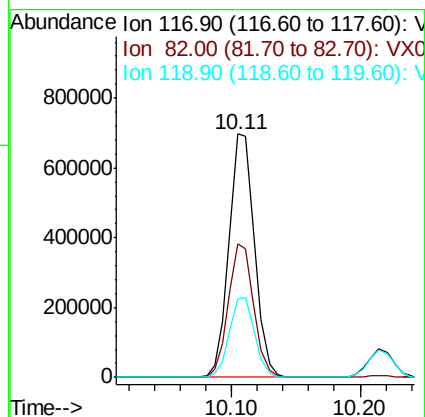
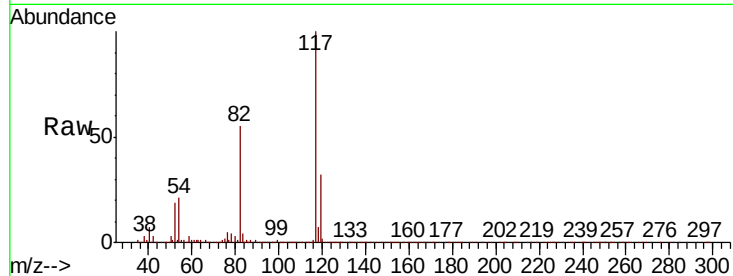
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	975909		
82	54.8		41.8	62.8
119	32.2		25.8	38.8

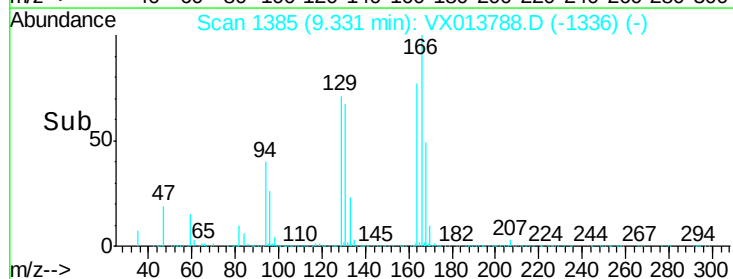
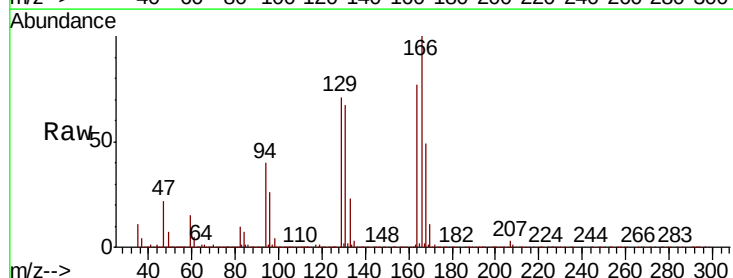
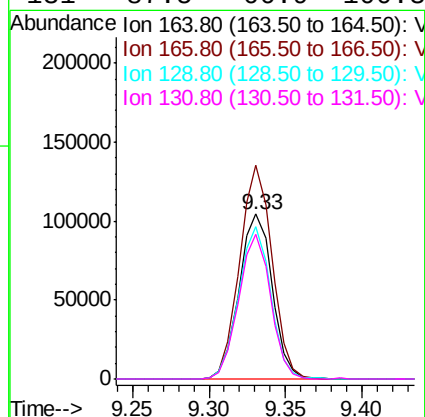
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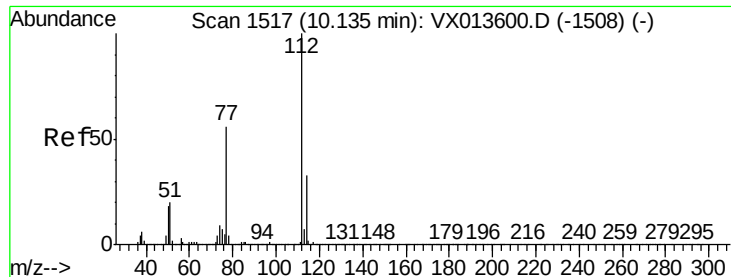
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#64
Tetrachloroethene
Concen: 21.489 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	156389		
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

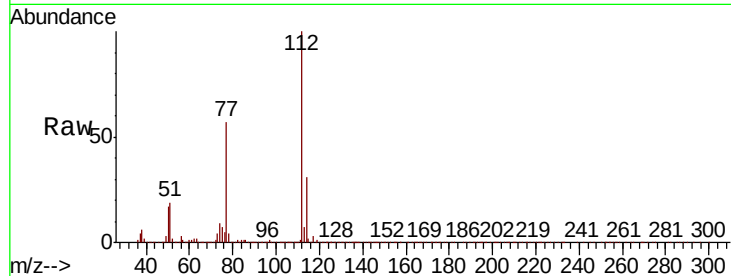
114 31.2 26.1 39.1

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

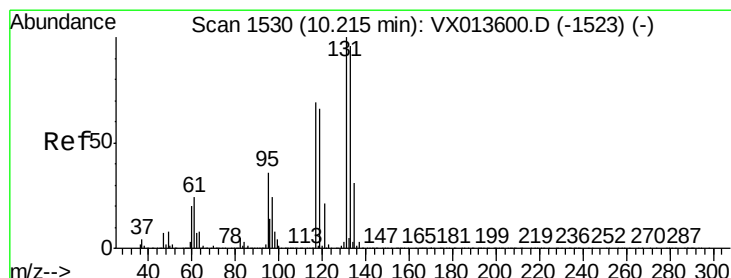
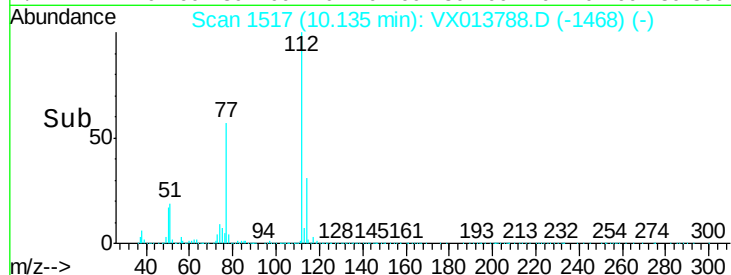
300000

200000

100000

0

Time-->



#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

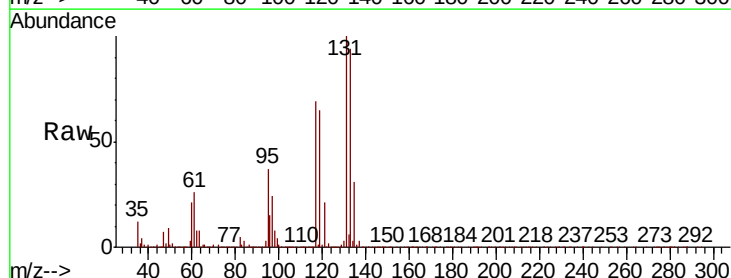
Tgt Ion:131 Resp: 164141

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

300000

250000

200000

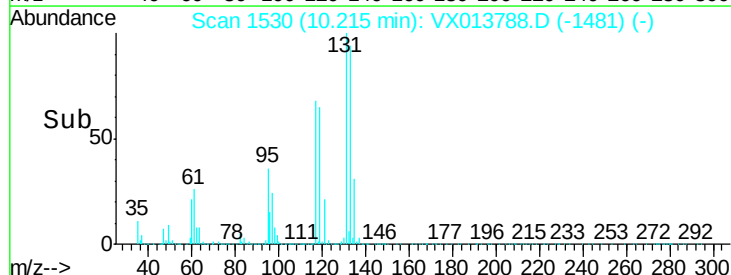
150000

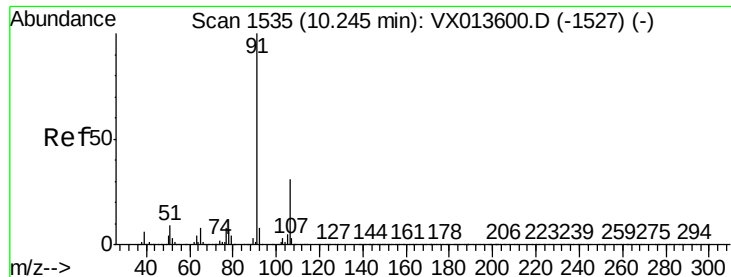
100000

50000

0

Time-->





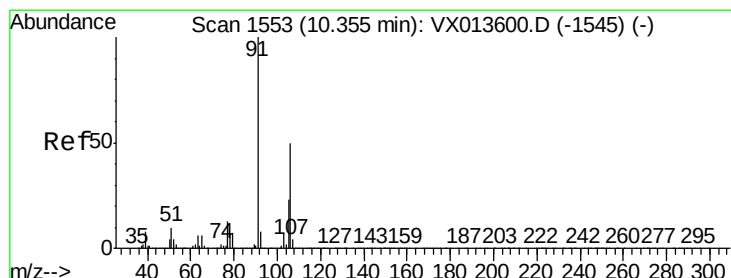
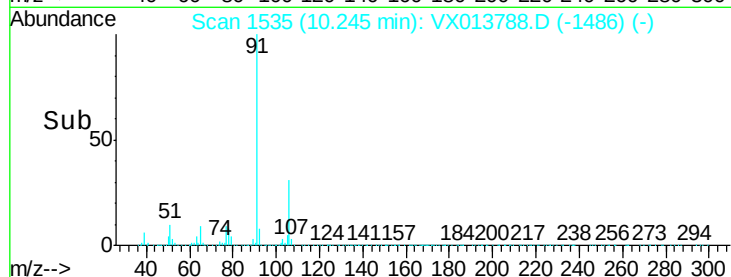
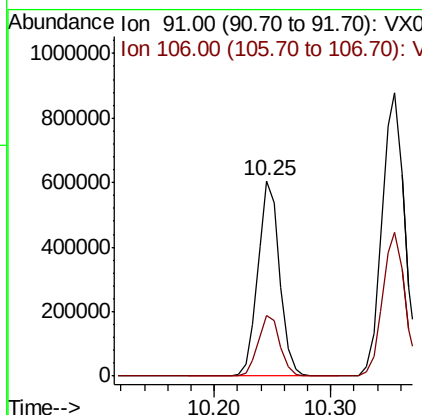
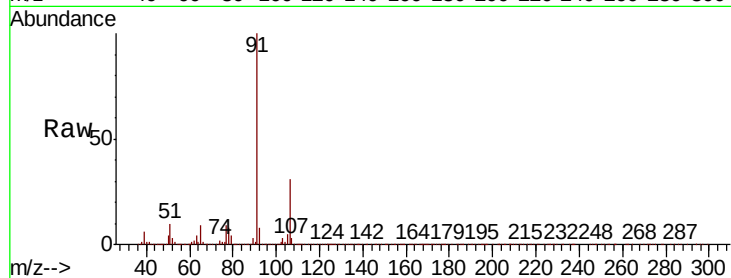
#67
Ethyl Benzene
Concen: 22.406 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.5	36.7

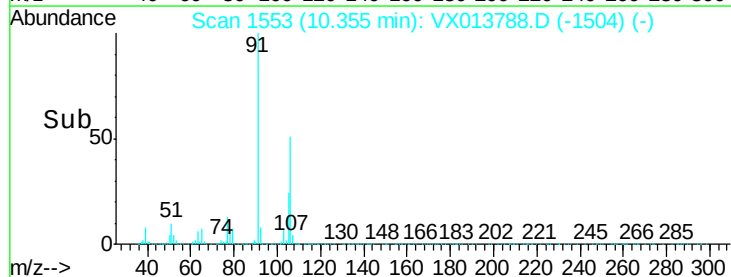
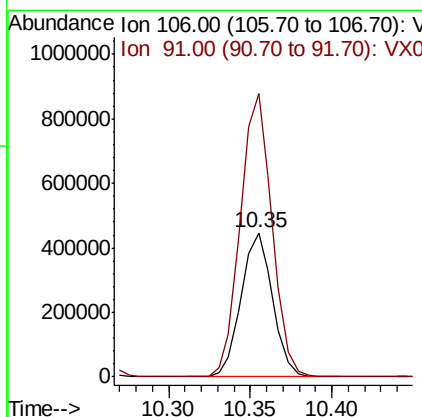
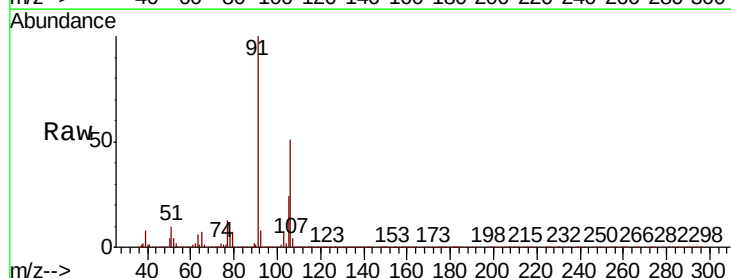
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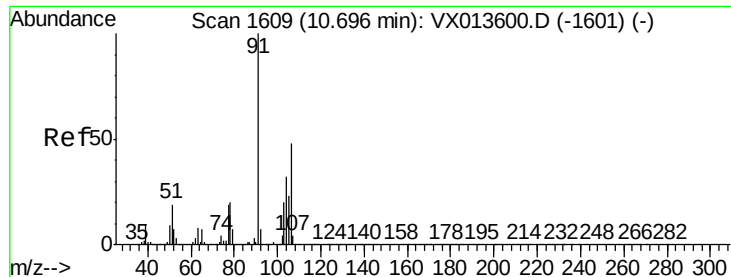
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#68
m/p-Xylenes
Concen: 44.755 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.0	159.0	238.4





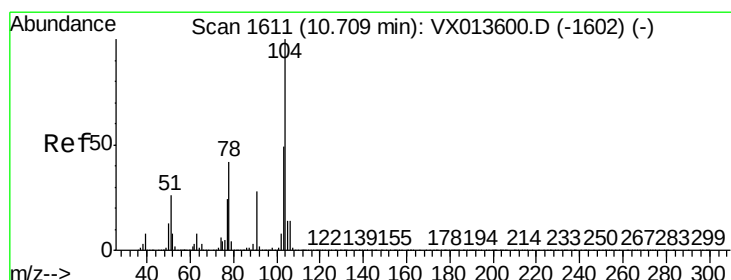
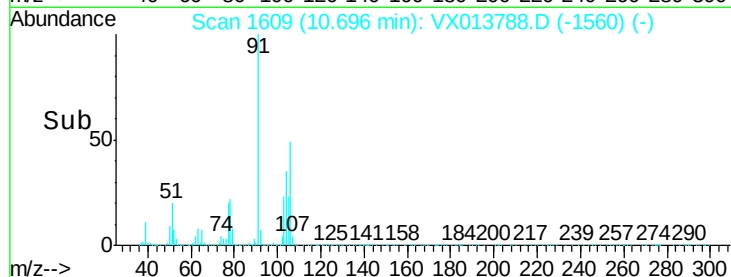
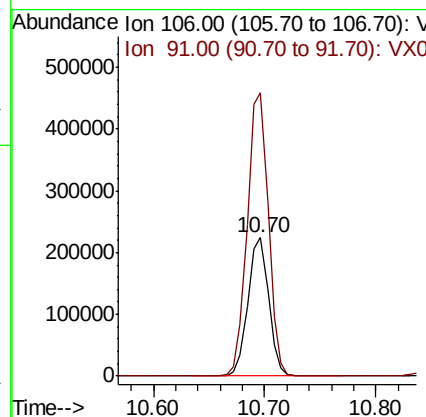
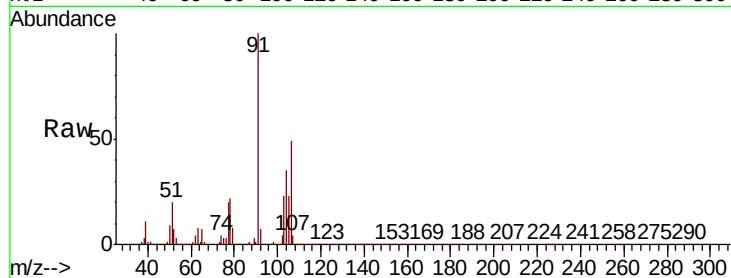
#69
o-Xylene
Concen: 22.286 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.7	104.1	312.2

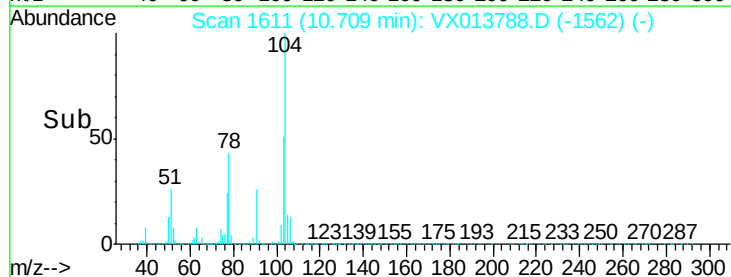
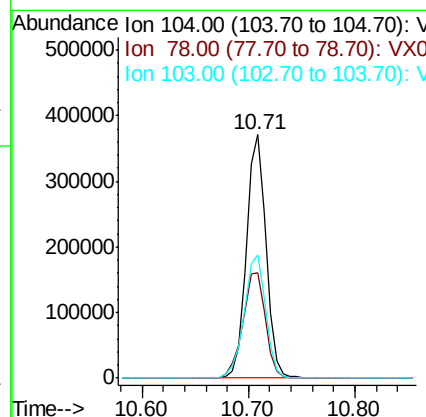
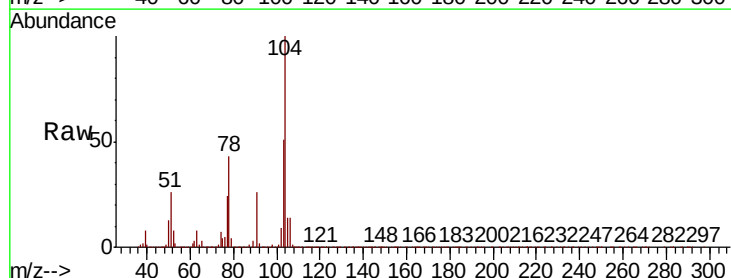
Manual Integrations
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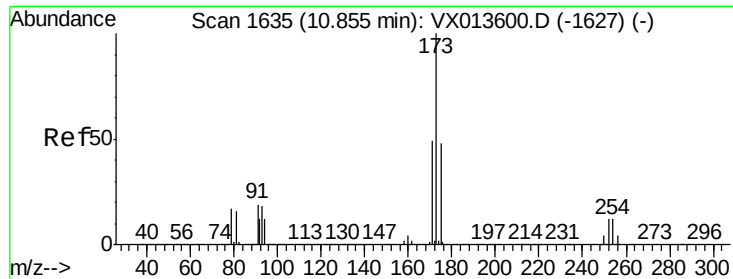
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#70
Styrene
Concen: 21.996 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion	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

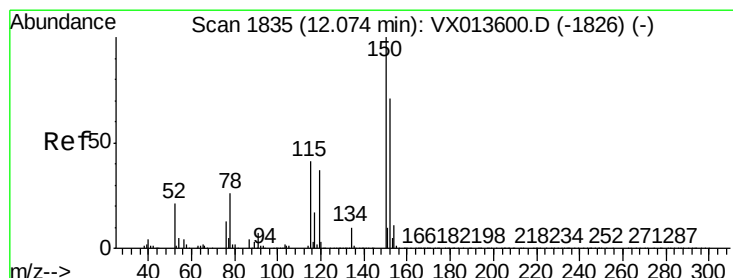
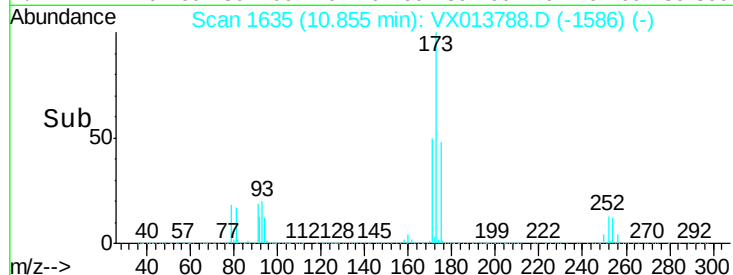
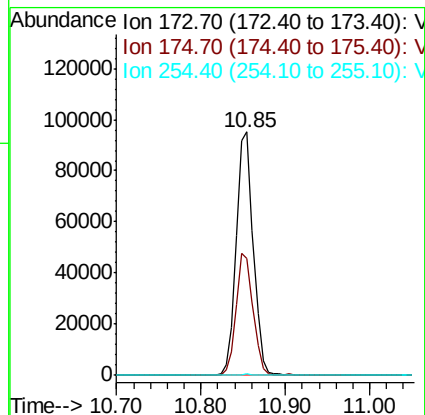
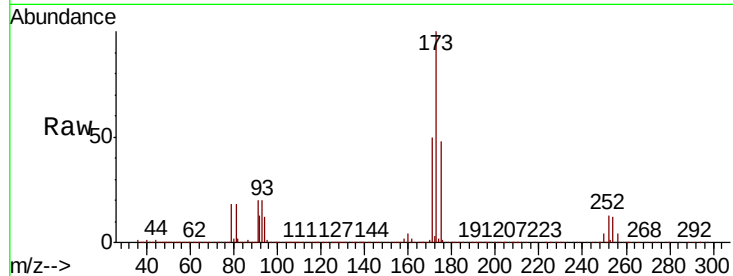
ClientSampleId :

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#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

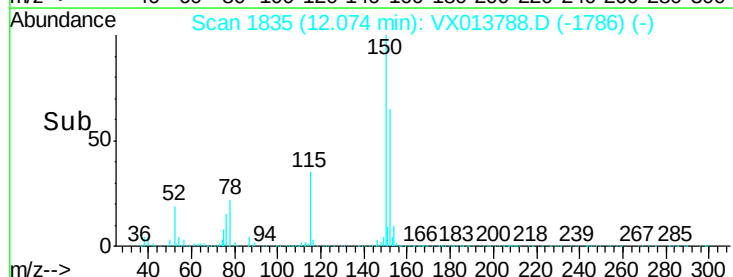
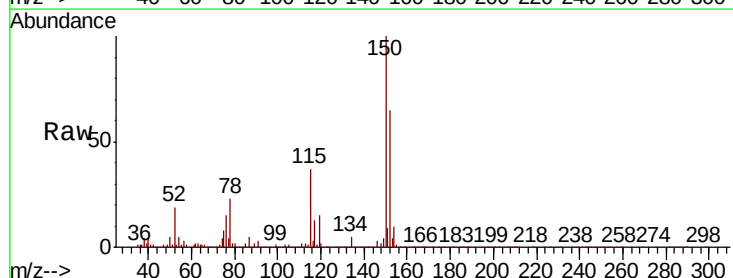
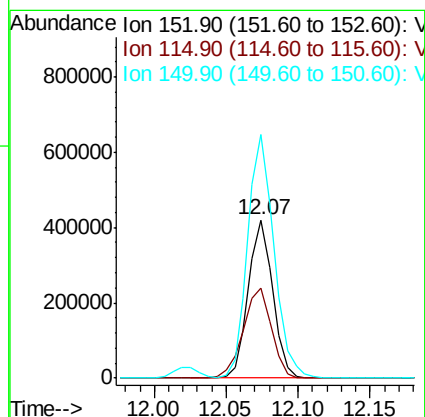
RT: 12.07 min Scan# 1835

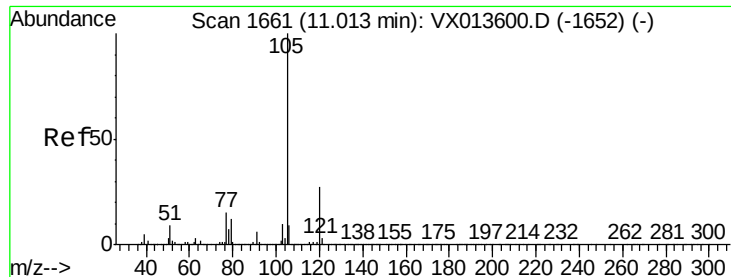
Delta R.T. 0.00 min

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

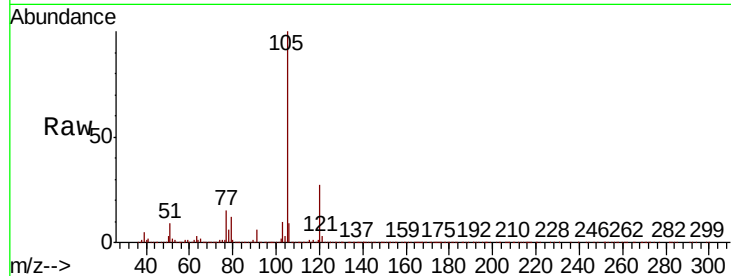
105 100

120 27.1 13.5 40.5

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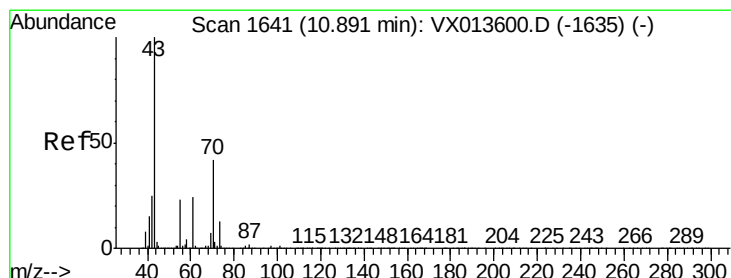
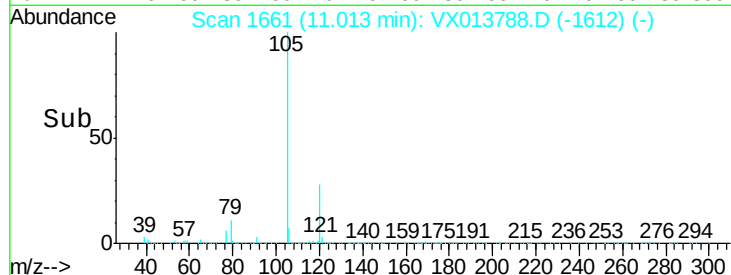
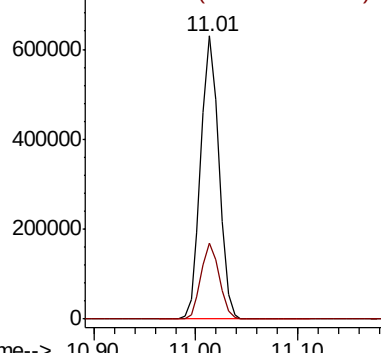
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Abundance Ion 105.00 (104.70 to 105.70): V

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

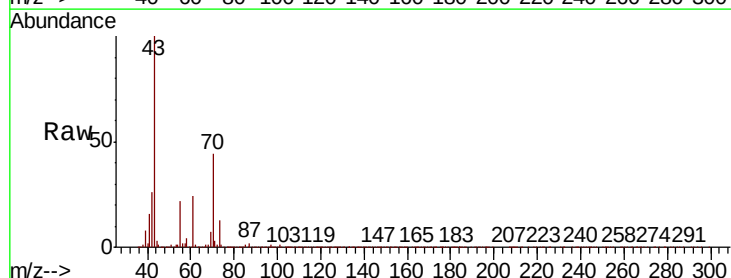
Ion Ratio Lower Upper

43 100

70 44.5 34.3 51.5

55 23.3 18.5 27.7

61 24.6 19.8 29.8

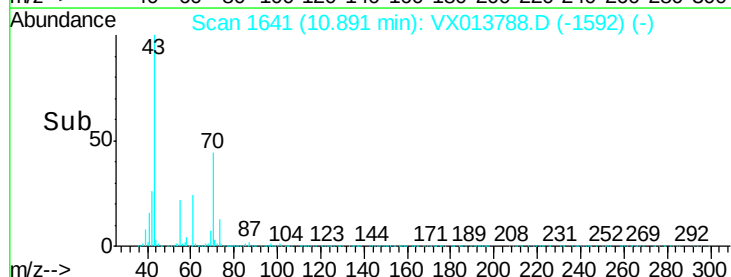
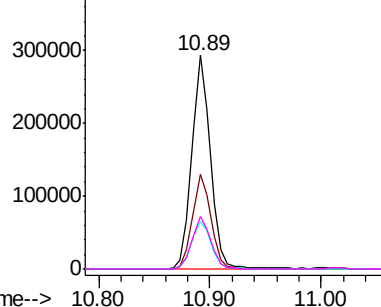


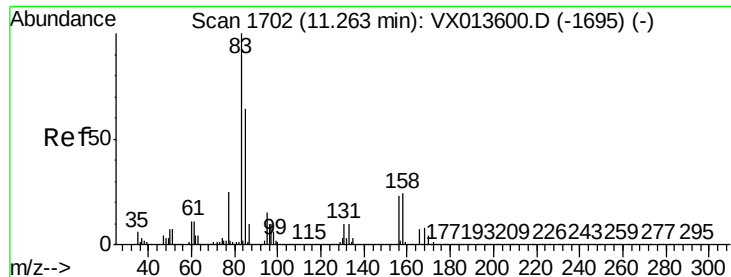
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

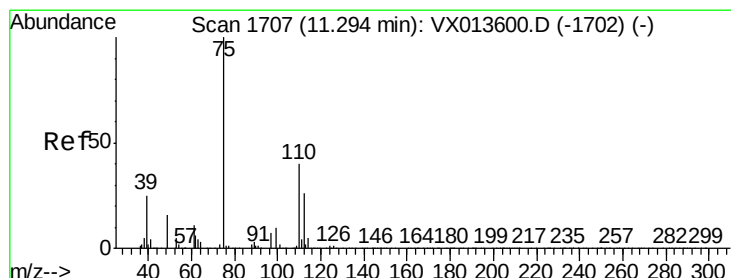
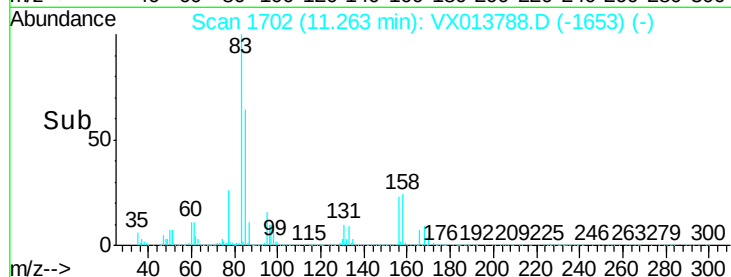
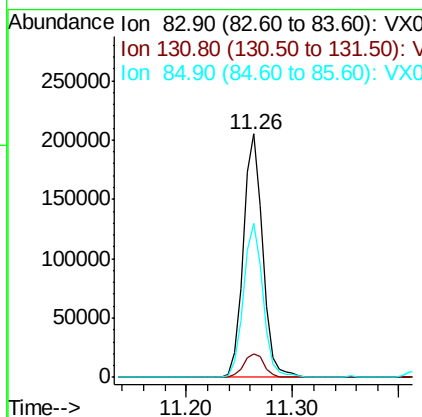
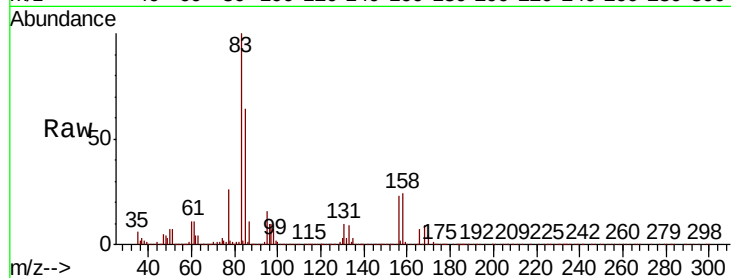
ClientSampled :

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

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#76

1,2,3-Trichloropropane

Concen: 18.813 ug/l m

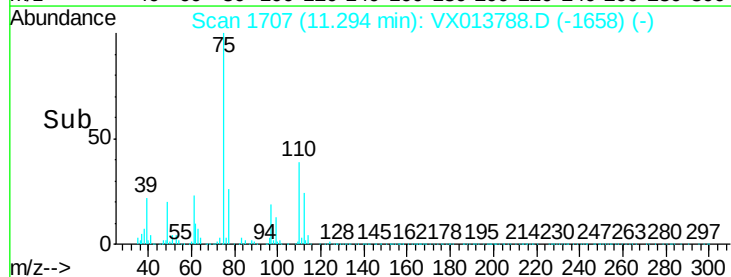
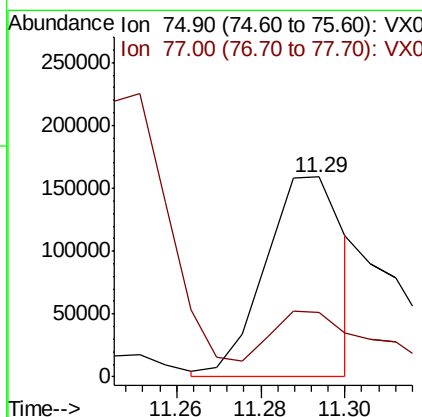
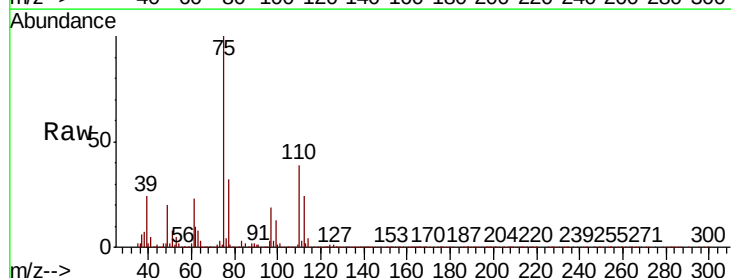
RT: 11.29 min Scan# 1707

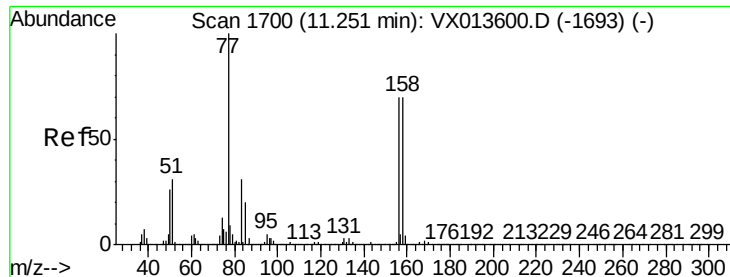
Delta R.T. 0.00 min

Lab File: VX013788.D

Acq: 06 Dec 2019 10:36

Tgt Ion:	75	Resp:	208001
Ion Ratio	Lower	Upper	
75	100		
77	43.5	19.1	57.5





#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

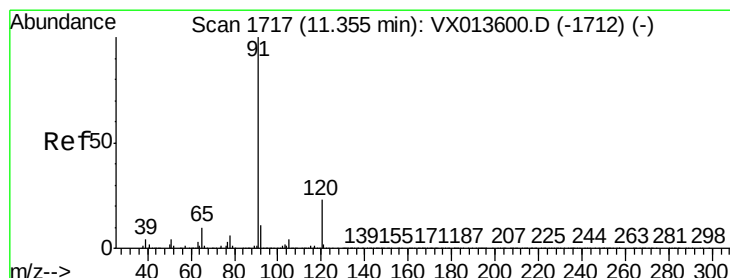
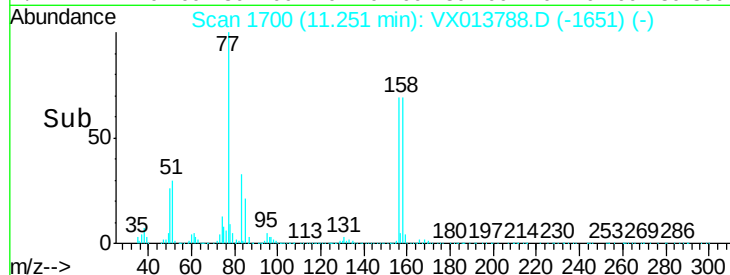
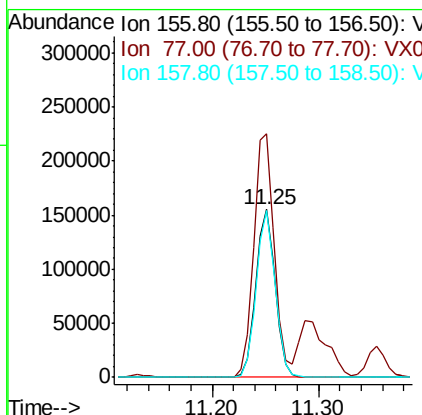
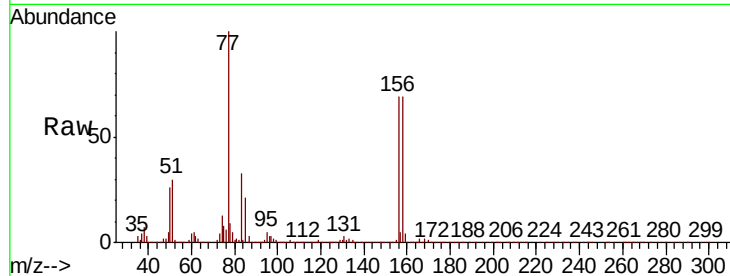
ClientSampleId :

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

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#78

n-propylbenzene

Concen: 22.527 ug/l

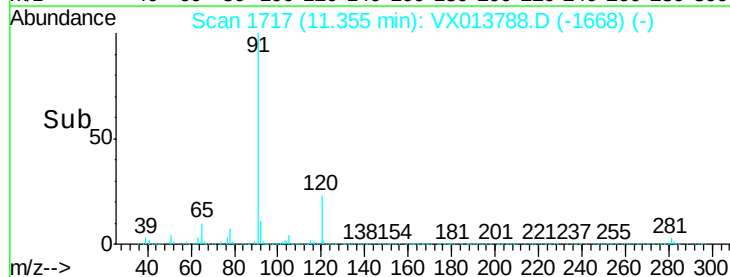
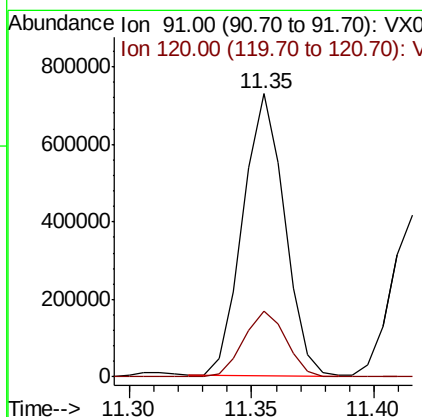
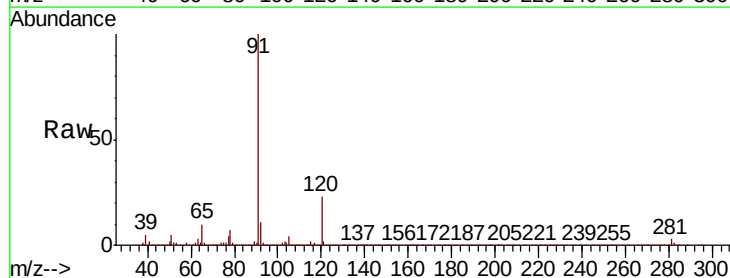
RT: 11.35 min Scan# 1717

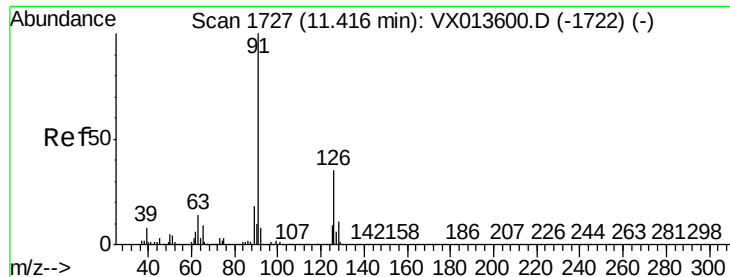
Delta R.T. 0.00 min

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





#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

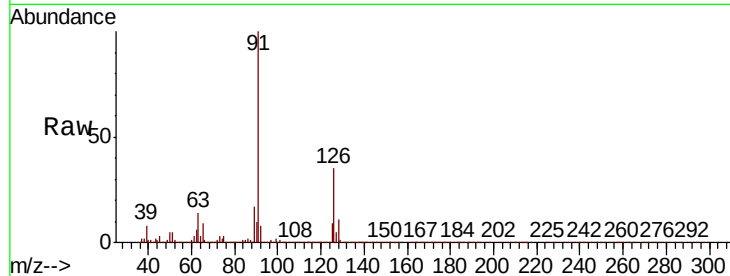
126 34.4 17.5 52.5

Manual Integrations

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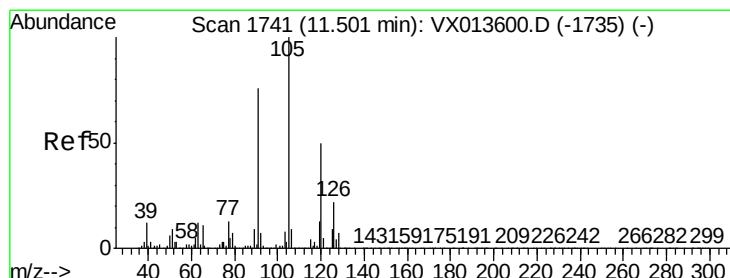
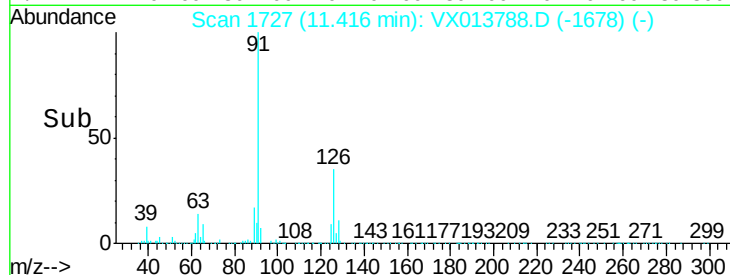
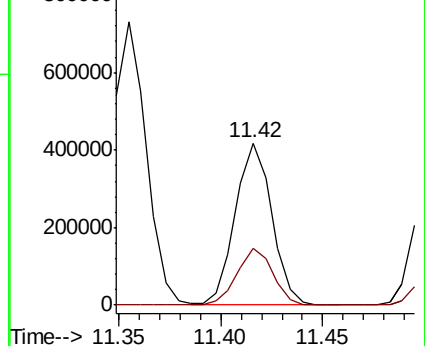
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013600.D (-1722) (-)



#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

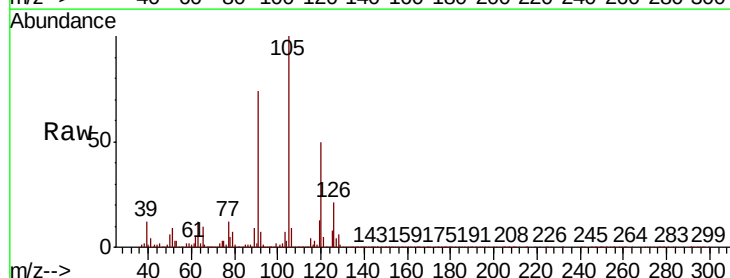
Acq: 06 Dec 2019 10:36

Tgt Ion: 105 Resp: 649992

Ion Ratio Lower Upper

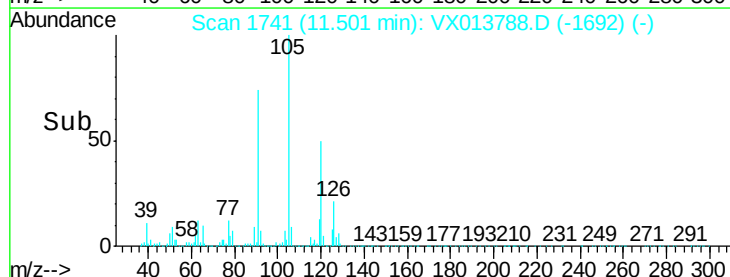
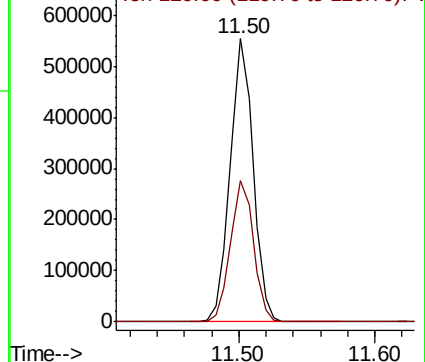
105 100

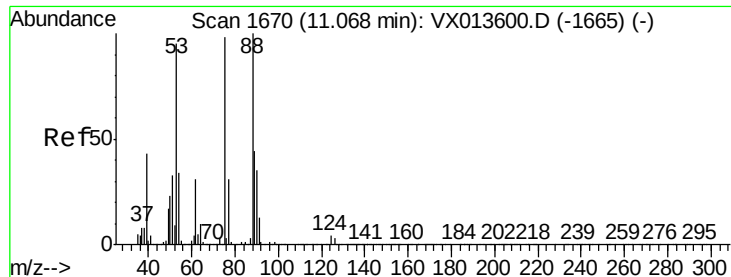
120 50.2 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013600.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX013600.D (-1735) (-)





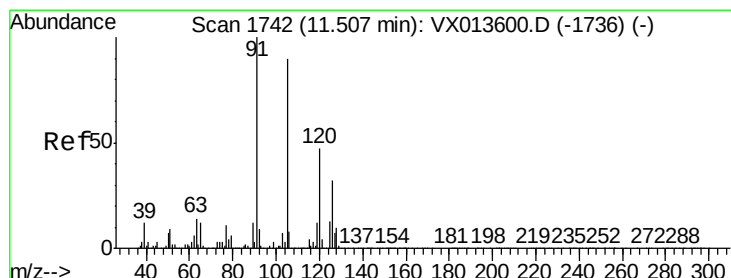
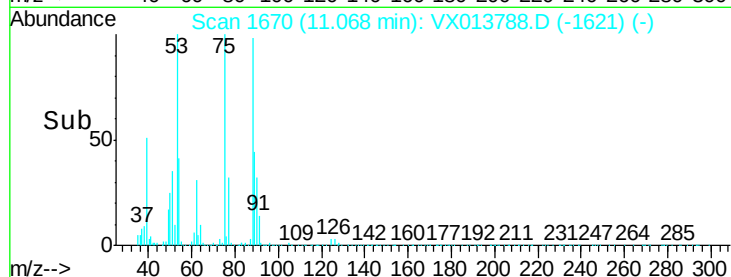
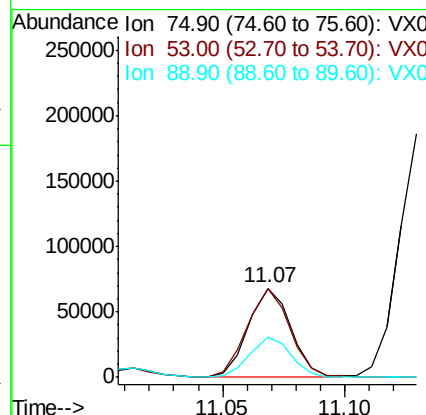
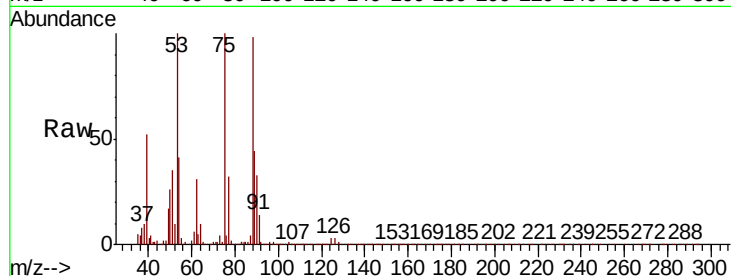
#81
trans-1,4-Dichloro-2-butene
Concen: 20.391 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

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

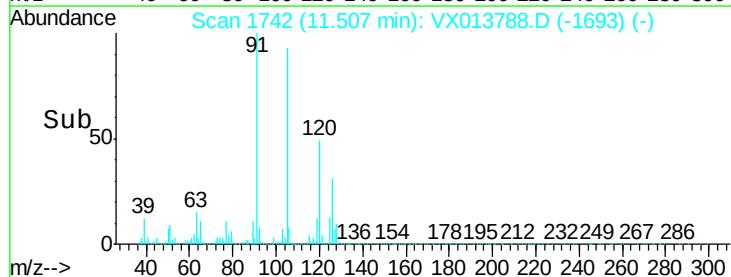
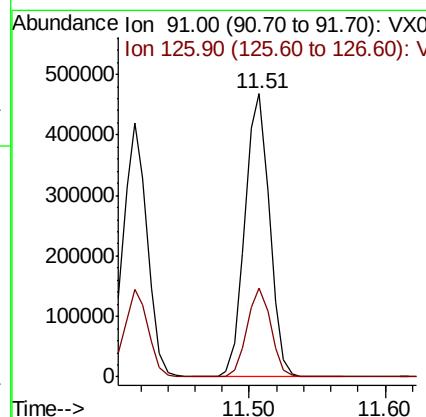
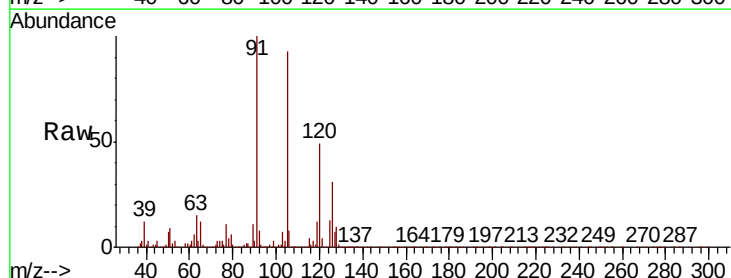
Manual Integrations
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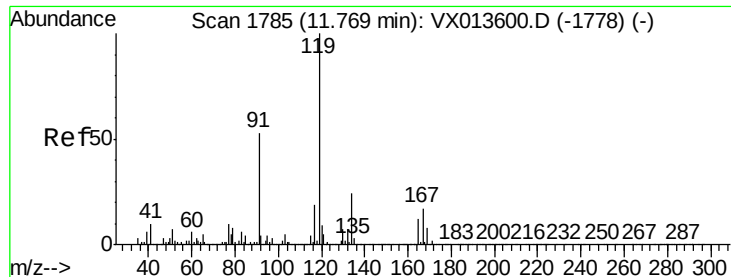
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#82
4-Chlorotoluene
Concen: 22.089 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.7	47.0





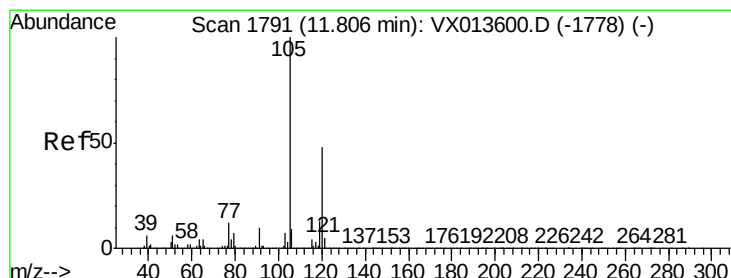
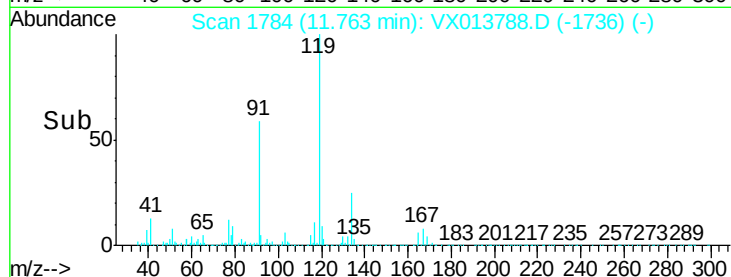
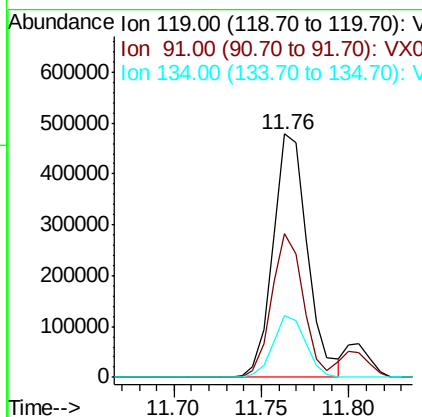
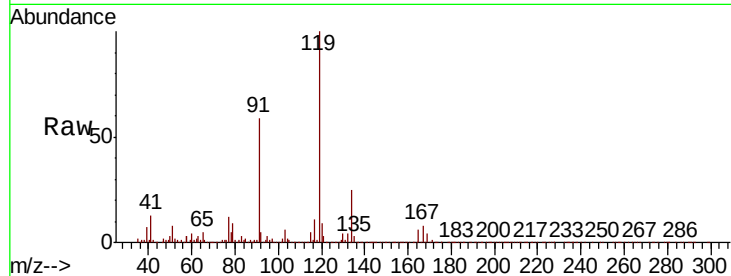
#83
 tert-Butylbenzene
 Concen: 22.845 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	656120		
91	53.9	27.2	81.6	
134	24.1	11.7	35.1	

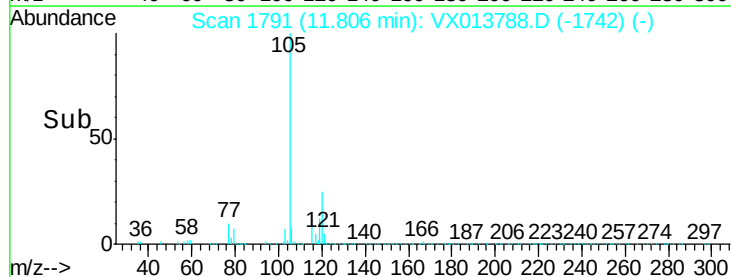
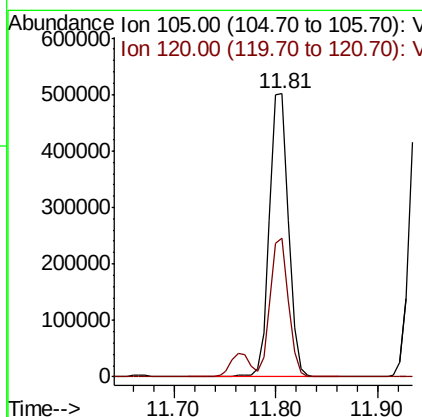
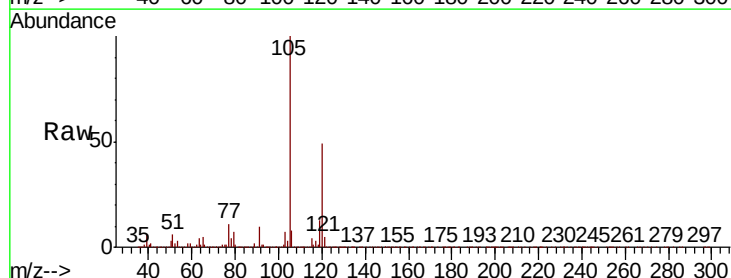
Manual Integrations
 APPROVED

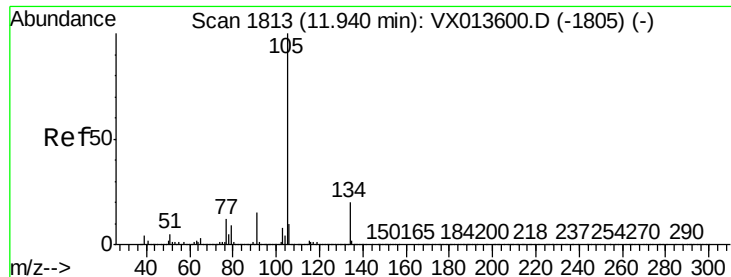
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.489 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	645025		
120	46.7	23.1	69.3	





#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

ClientSampled :

VX1206WBS01

Tot Ion:105 Resp: 758818

Ion Ratio Lower Upper

105 100

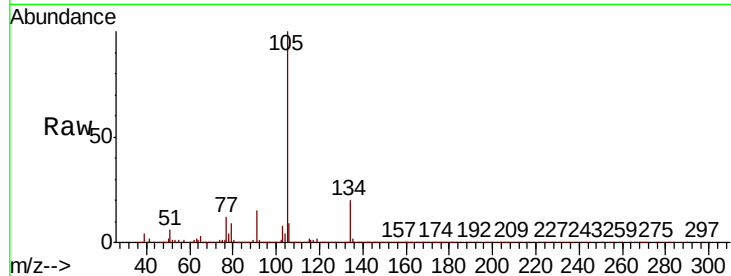
134 20.2 10.4 31.2

Manual Integrations

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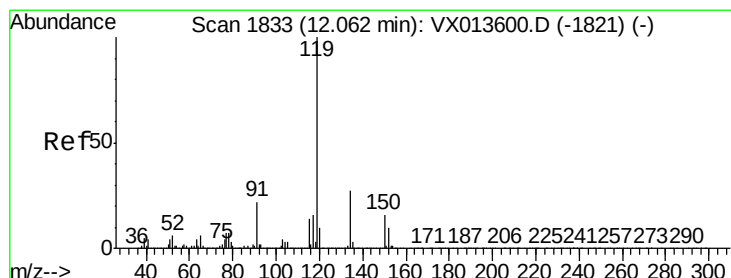
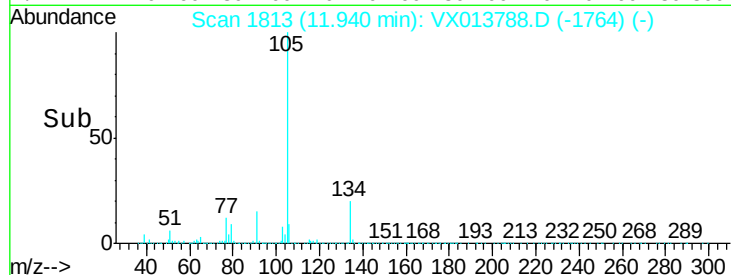
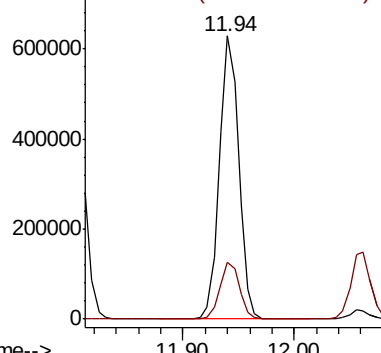
apatel

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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

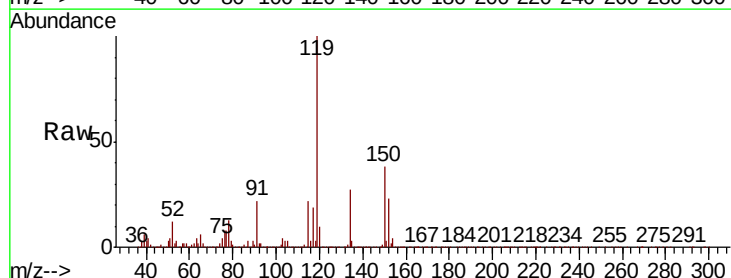
Tgt Ion:119 Resp: 698199

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

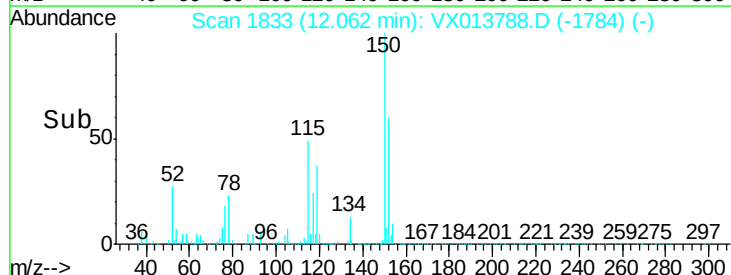
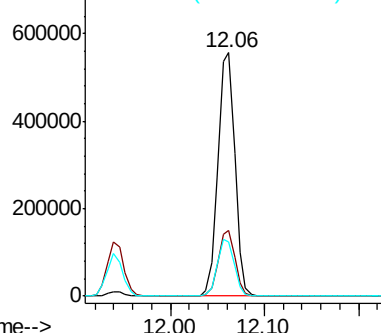
91 23.0 11.3 33.8

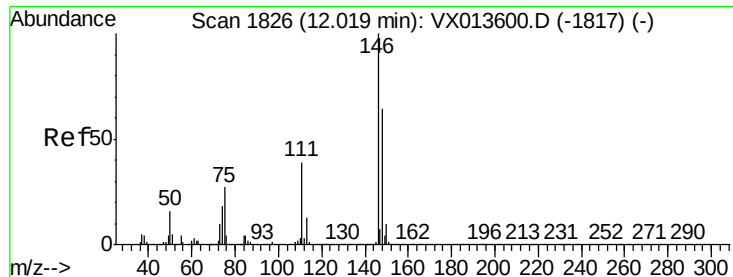


Abundance Ion 119.00 (118.70 to 119.70): V

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

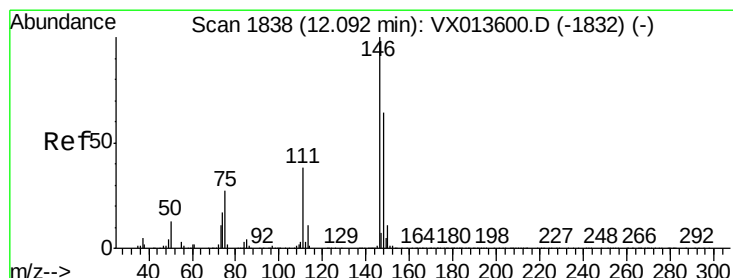
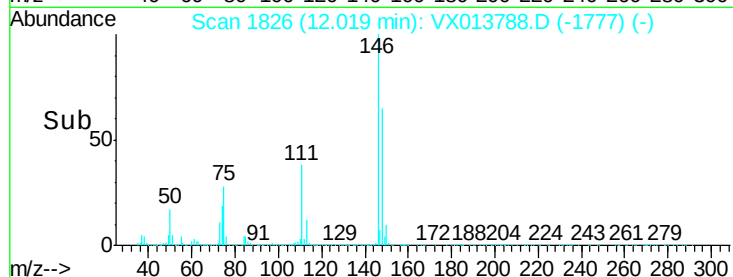
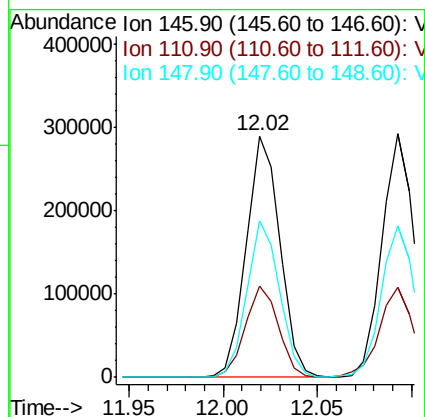
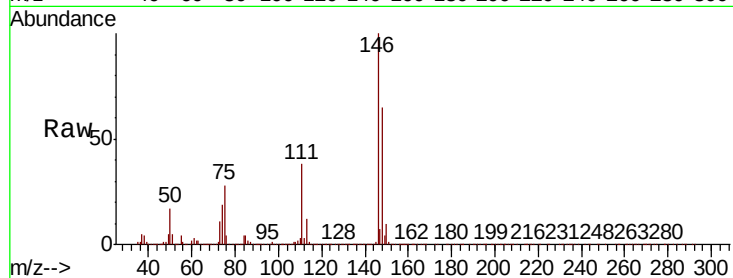
Acq: 06 Dec 2019 10:36

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

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.411 ug/l

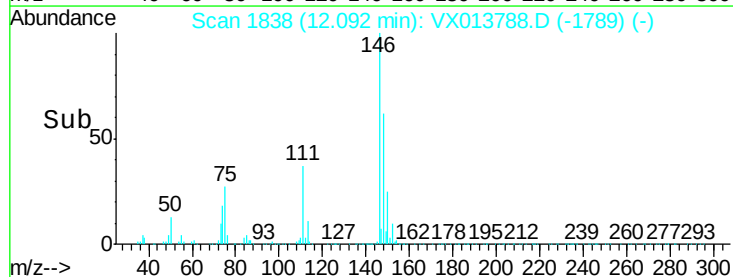
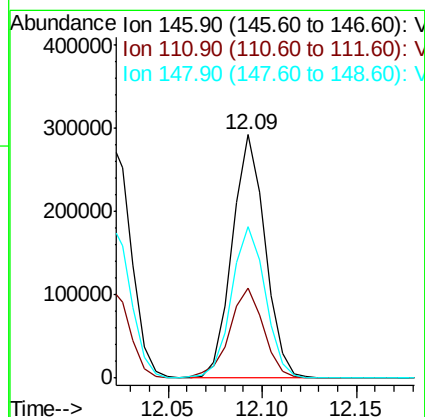
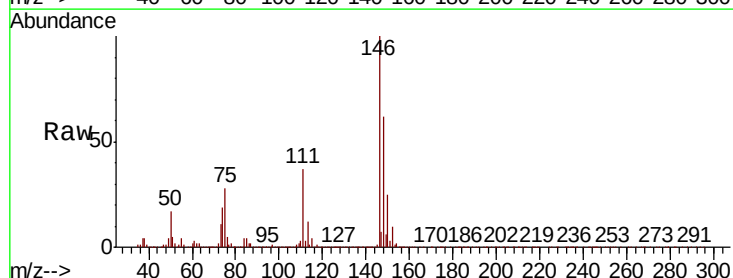
RT: 12.09 min Scan# 1838

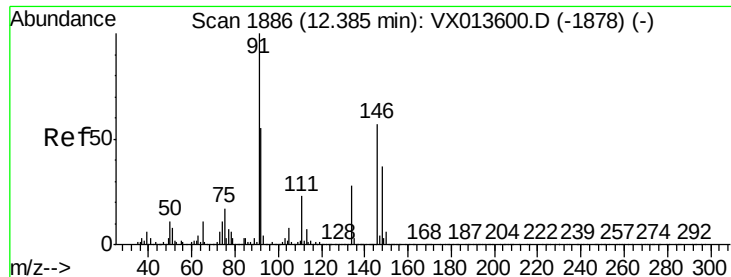
Delta R.T. 0.00 min

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





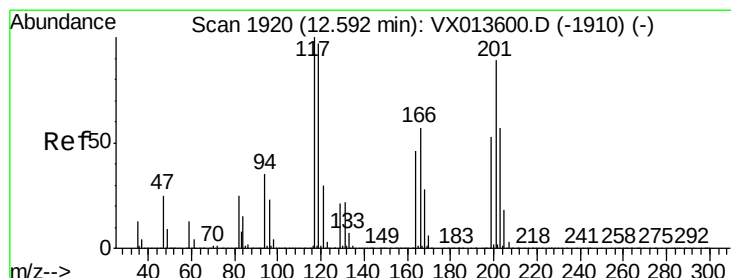
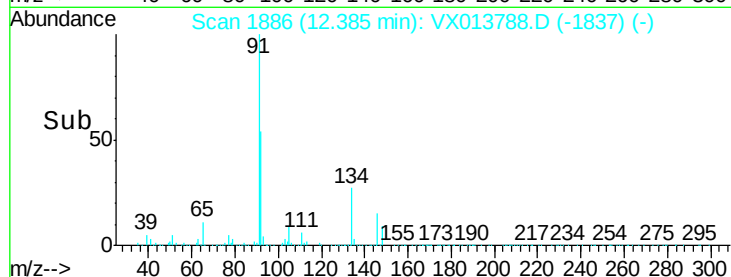
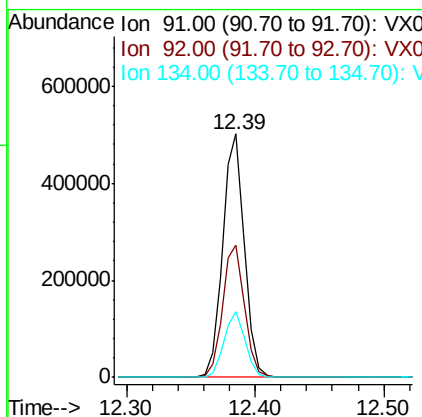
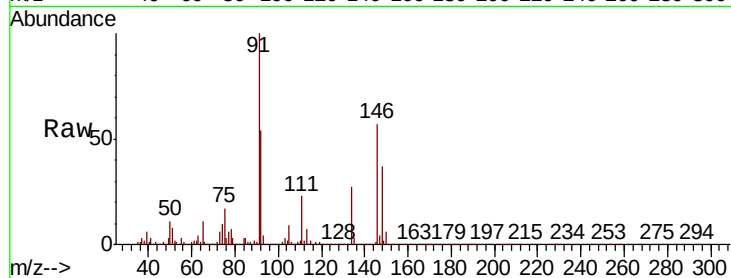
#89
n-Butylbenzene
Concen: 22.778 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	592900		
92	55.0	27.4	82.2	
134	26.6	13.5	40.4	

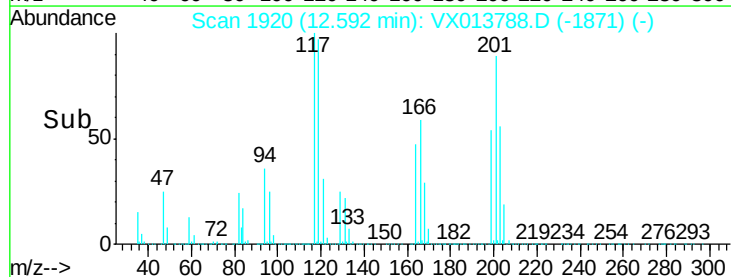
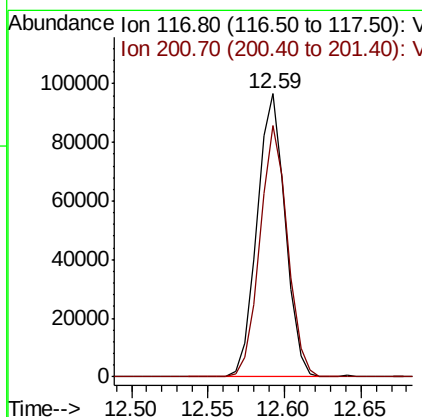
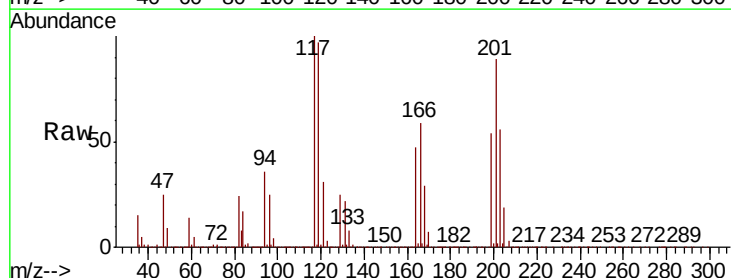
Manual Integrations
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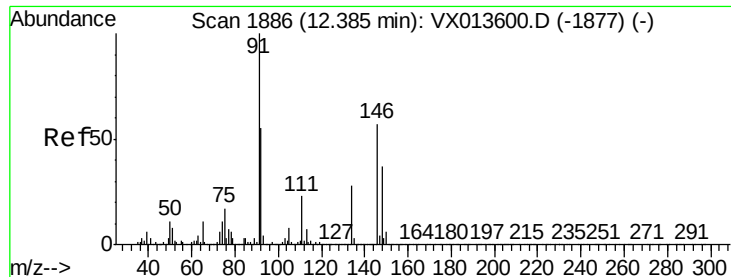
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#90
Hexachloroethane
Concen: 22.478 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	123995		
201	87.4	44.1	132.4	





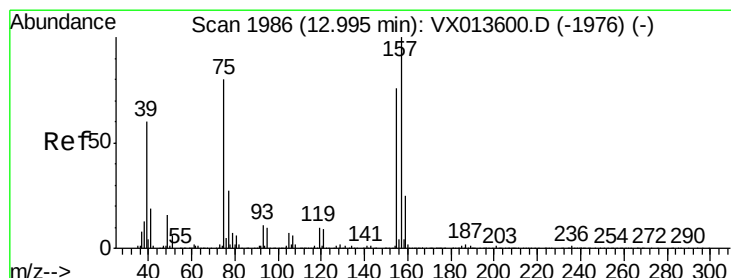
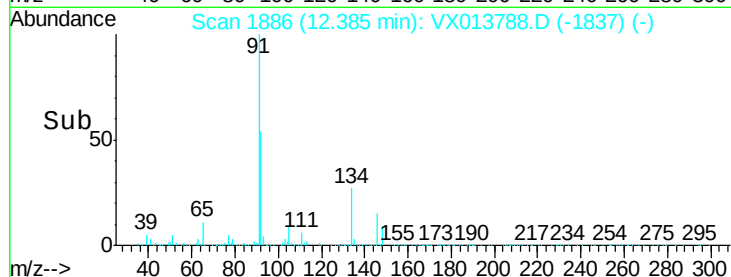
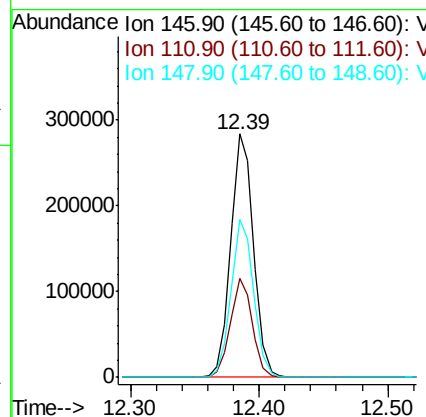
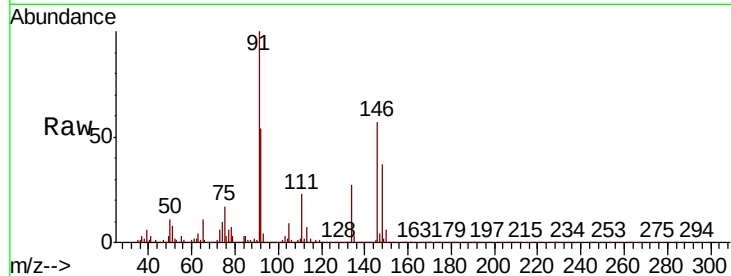
#91
 1,2-Dichlorobenzene
 Concen: 22.031 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	353464		
111	39.3	19.6	58.7	
148	64.6	31.9	95.7	

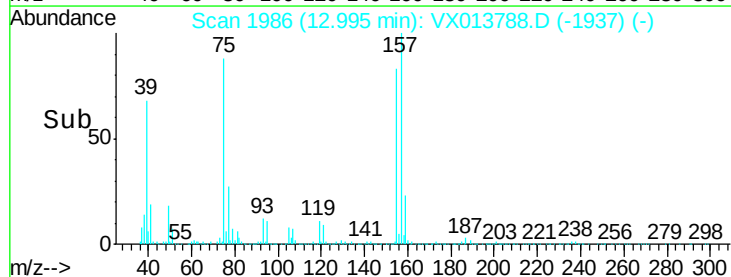
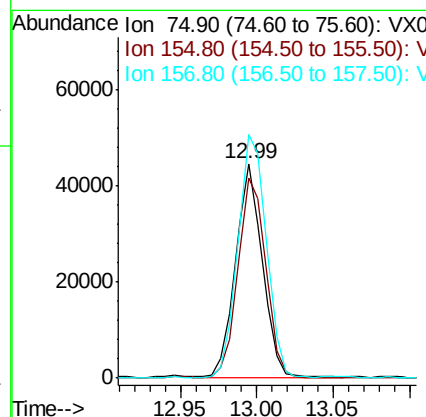
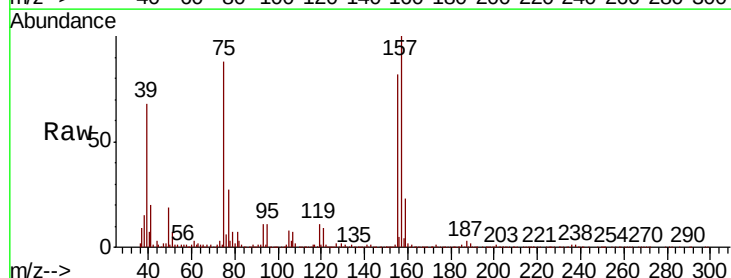
Manual Integrations
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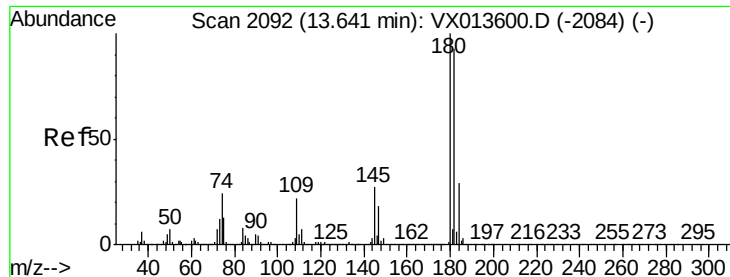
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.623 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	53702		
155	97.0	47.6	142.8	
157	120.9	62.1	186.2	





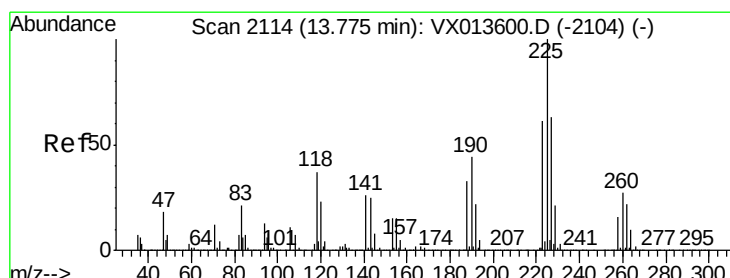
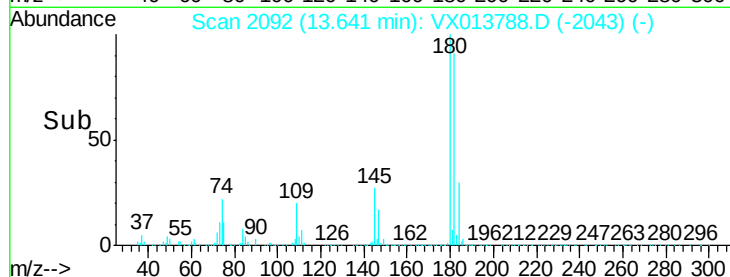
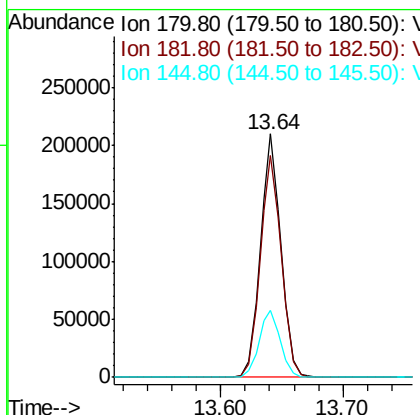
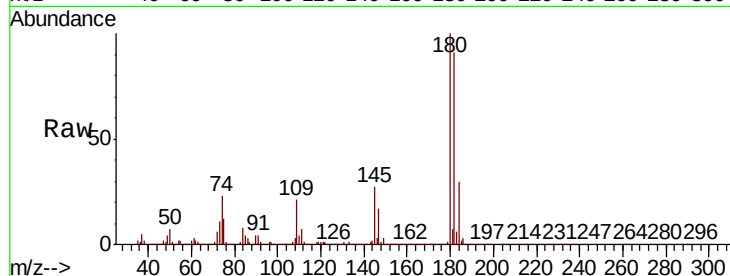
#93
 1,2,4-Trichlorobenzene
 Concen: 21.949 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013788.D
 Acq: 06 Dec 2019 10:36

Instrument :
 MSVOA_X
 ClientSampled :
 VX1206WBS01

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

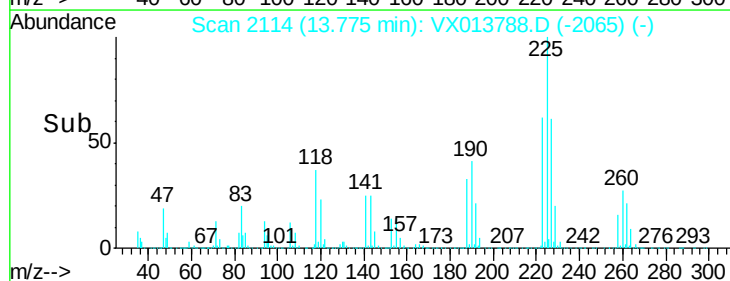
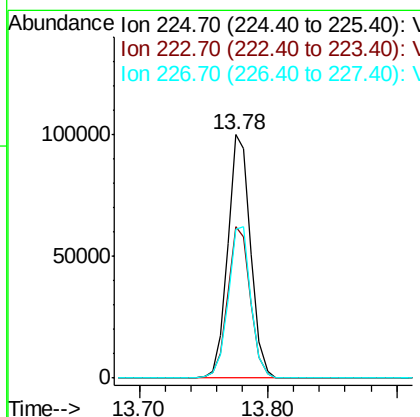
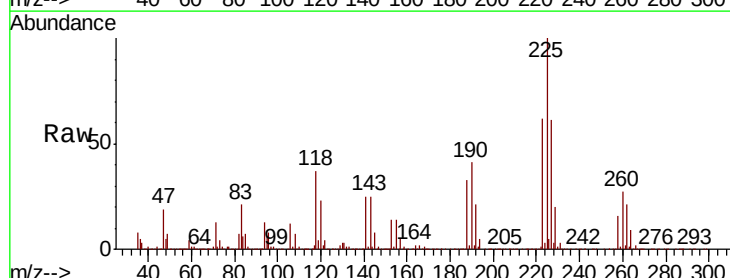
Manual Integrations
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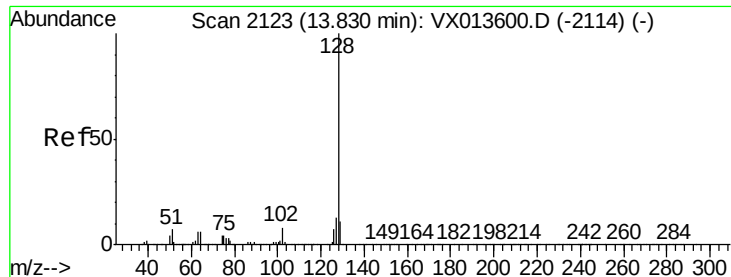
apatel
 12/9/2019 9:07:51 AM



#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	Ratio	Resp	Lower	Upper
225	100	124690		
223	61.9	31.9	95.5	
227	61.7	32.1	96.3	





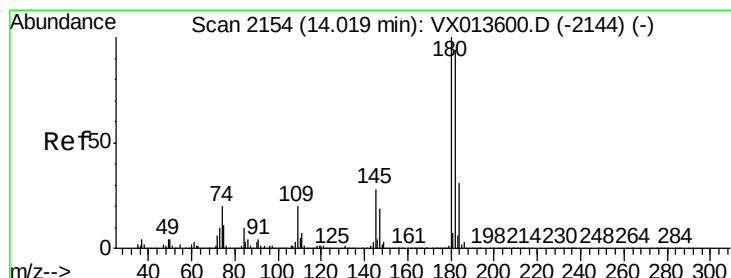
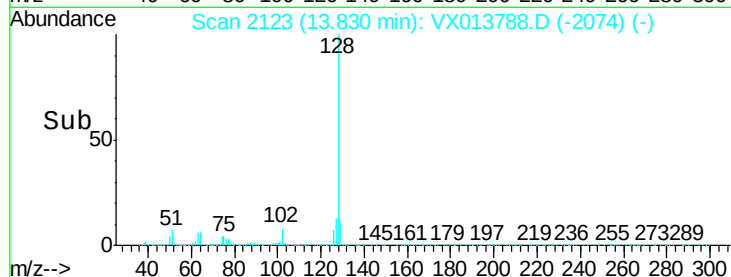
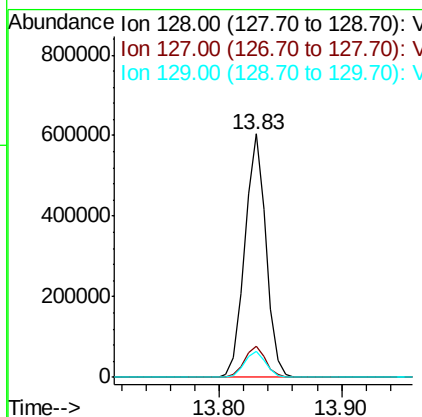
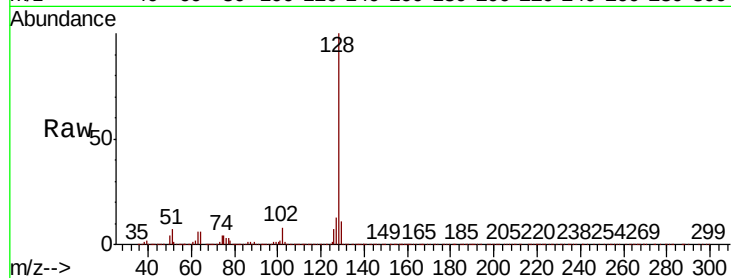
#95
Naphthalene
Concen: 21.614 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013788.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:51 AM



#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	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.8
145	30.2	15.0	45.0

