

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111319\
 Data File : VX013403.D
 Acq On : 13 Nov 2019 13:34
 Operator : JC/SP
 Sample : VX1113WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

Quant Time: Nov 14 04:34:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	722997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1091481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	965029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	479788	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	411309	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
35) Dibromofluoromethane	5.48	113	337426	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
50) Toluene-d8	8.71	98	1300466	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.13	95	457955	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	155583	18.677	ug/l	99
3) Chloromethane	1.31	50	171395	18.973	ug/l	98
4) Vinyl Chloride	1.40	62	200882	19.532	ug/l	100
5) Bromomethane	1.63	94	117781	16.434	ug/l	97
6) Chloroethane	1.72	64	112482	18.379	ug/l	100
7) Trichlorofluoromethane	1.92	101	217472	17.898	ug/l	100
8) Diethyl Ether	2.18	74	98807	18.389	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	136892	20.213	ug/l	99
10) Methyl Iodide	2.50	142	159664	19.042	ug/l	97
11) Tert butyl alcohol	3.02	59	186060	82.416	ug/l	99
12) 1,1-Dichloroethene	2.36	96	132955	20.048	ug/l	97
13) Acrolein	2.28	56	118997	97.256	ug/l	99
14) Allyl chloride	2.72	41	243226	20.185	ug/l	96
15) Acrylonitrile	3.12	53	420383	99.686	ug/l	98
16) Acetone	2.43	43	421823	98.735	ug/l	99
17) Carbon Disulfide	2.56	76	341787	19.255	ug/l	99
18) Methyl Acetate	2.76	43	240427	20.384	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	461082	20.845	ug/l	98
20) Methylene Chloride	2.84	84	155352	19.681	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	143295	19.844	ug/l	98
22) Diisopropyl ether	3.84	45	490340	21.077	ug/l	89
23) Vinyl Acetate	3.80	43	2024091	101.678	ug/l	99
24) 1,1-Dichloroethane	3.69	63	267564	20.560	ug/l	98
25) 2-Butanone	4.65	43	616562	98.374	ug/l	100
26) 2,2-Dichloropropane	4.57	77	217602	21.018	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	168085	20.780	ug/l	100
28) Bromochloromethane	5.01	49	65696	17.779	ug/l	97
29) Tetrahydrofuran	5.11	42	371927	96.297	ug/l	98
30) Chloroform	5.20	83	263116	20.475	ug/l	99
31) Cyclohexane	5.57	56	237644	20.294	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	223858	20.242	ug/l	99
36) 1,1-Dichloropropene	5.79	75	195412	20.869	ug/l	99
37) Ethyl Acetate	4.82	43	220982	19.099	ug/l	99
38) Carbon Tetrachloride	5.77	117	187136	20.438	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	237510	20.357	ug/l	98
40) Benzene	6.13	78	600453	20.587	ug/l	99
41) Methacrylonitrile	5.03	41	127380	19.642	ug/l	98
42) 1,2-Dichloroethane	6.18	62	213669	20.309	ug/l	99
43) Isopropyl Acetate	6.43	43	363515	20.176	ug/l	99
44) Trichloroethene	7.20	130	161884	20.163	ug/l	97
45) 1,2-Dichloropropane	7.51	63	154213	20.751	ug/l	96
46) Dibromomethane	7.65	93	102781	20.256	ug/l	97
47) Bromodichloromethane	7.89	83	199291	20.828	ug/l	95
48) Methyl methacrylate	7.76	41	184971	20.567	ug/l	98
49) 1,4-Dioxane	7.73	88	77160	374.629	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1164015	98.473	ug/l	99
52) Toluene	8.78	92	379212	20.977	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	216818	20.723	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	247014	21.105	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	158501	21.153	ug/l	99
56) Ethyl methacrylate	9.17	69	242888	19.957	ug/l	97
57) 1,3-Dichloropropane	9.37	76	261279	20.541	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	502564	98.093	ug/l	100
59) 2-Hexanone	9.48	43	906631	99.251	ug/l	98
60) Dibromochloromethane	9.57	129	161951	21.133	ug/l	96
61) 1,2-Dibromoethane	9.67	107	162655	20.443	ug/l	99
64) Tetrachloroethene	9.33	164	144353	20.895	ug/l	97
65) Chlorobenzene	10.14	112	405181	20.739	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	146911	20.479	ug/l	98
67) Ethyl Benzene	10.25	91	712840	21.140	ug/l	100
68) m/p-Xylenes	10.35	106	536286	42.054	ug/l	99
69) o-Xylene	10.70	106	265025	21.227	ug/l	99
70) Styrene	10.71	104	441531	21.156	ug/l	99
71) Bromoform	10.85	173	120388	20.143	ug/l #	97
73) Isopropylbenzene	11.01	105	706272	22.202	ug/l	100
74) N-amyl acetate	10.89	43	318812	21.612	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	245304	21.138	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	270024	27.709	ug/l	81
77) Bromobenzene	11.25	156	182469	21.517	ug/l	98
78) n-propylbenzene	11.35	91	784276	22.133	ug/l	100
79) 2-Chlorotoluene	11.42	91	465727	21.814	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	587711	22.181	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	73307	19.363	ug/l	97
82) 4-Chlorotoluene	11.51	91	533929	21.364	ug/l	99
83) tert-Butylbenzene	11.76	119	596794	22.375	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	586014	22.047	ug/l	99
85) sec-Butylbenzene	11.94	105	679480	22.166	ug/l	100
86) p-Isopropyltoluene	12.06	119	624632	22.128	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	319280	21.122	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	317933	20.643	ug/l	99
89) n-Butylbenzene	12.38	91	519179	21.079	ug/l	100
90) Hexachloroethane	12.59	117	108153	21.504	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	322052	21.314	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52045	18.408	ug/l	100

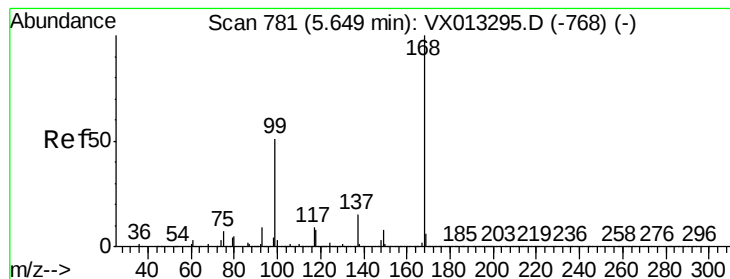
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111319\
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Instrument :
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Quant Time: Nov 14 04:34:48 2019
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	215134	20.411	ug/l	98
94) Hexachlorobutadiene	13.77	225	106859	20.723	ug/l	99
95) Naphthalene	13.83	128	662350	20.029	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	215569	20.394	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: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

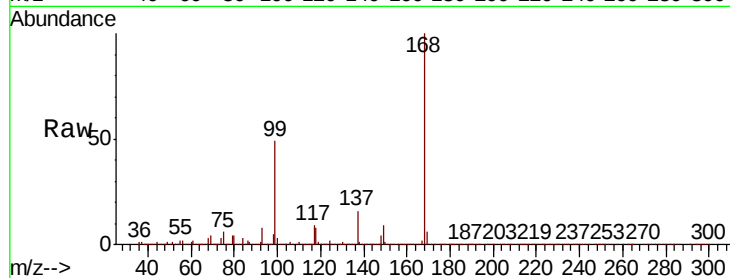
VX1113WBSD01

Tot Ion:168 Resp: 722997

Ion Ratio Lower Upper

168 100

99 49.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

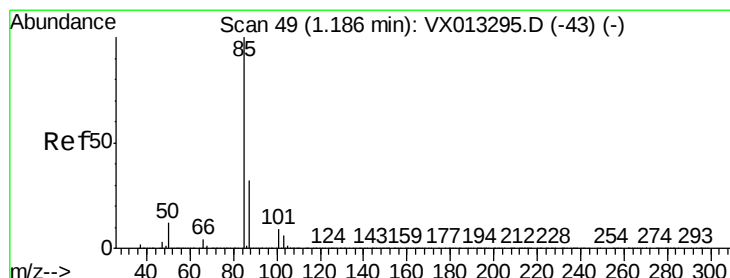
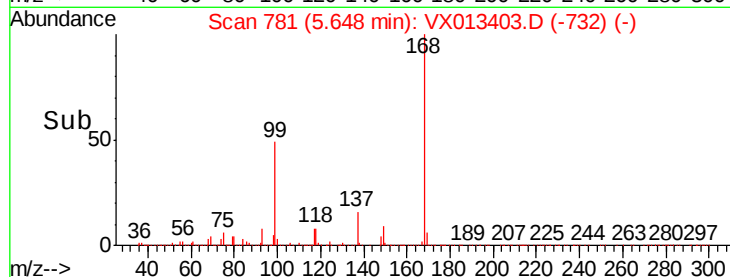
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.677 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013403.D

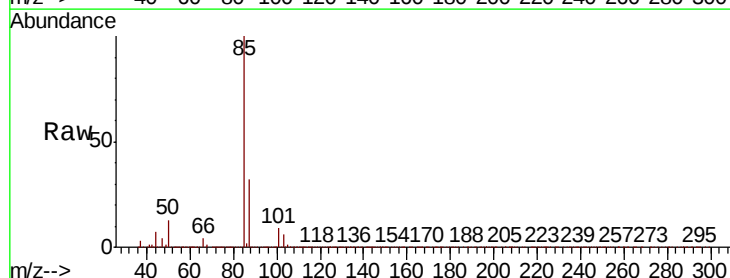
Acq: 13 Nov 2019 13:34

Tgt Ion: 85 Resp: 155583

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

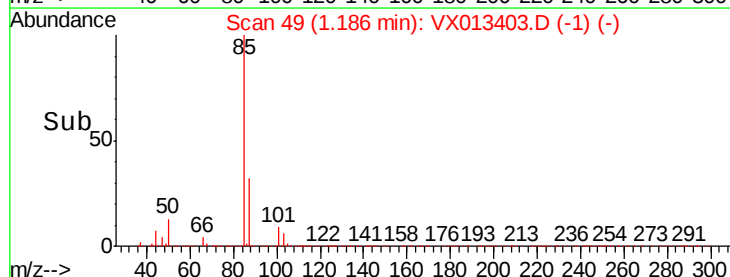
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 18.973 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

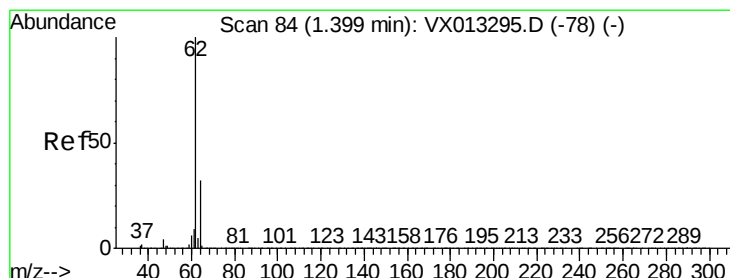
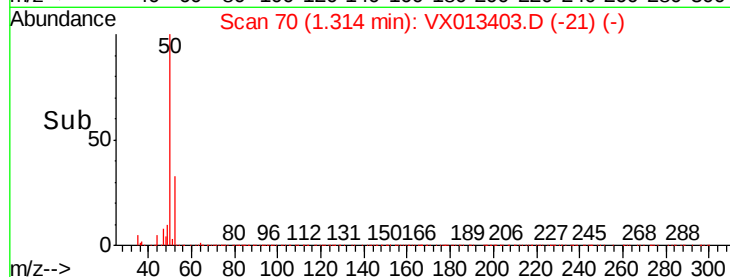
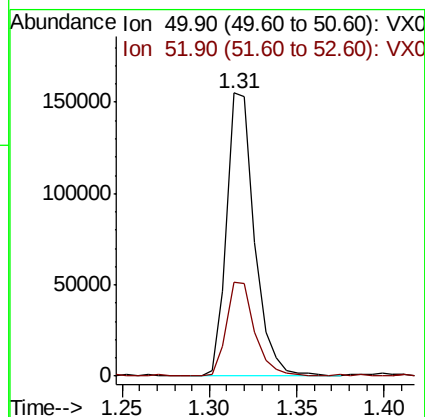
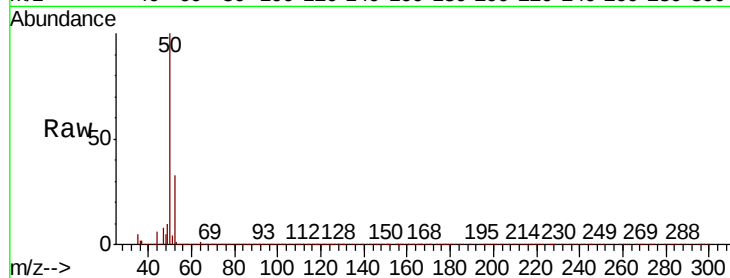
VX1113WBSD01

Tot Ion: 50 Resp: 171395

Ion Ratio Lower Upper

50 100

52 33.1 25.5 38.3



#4

Vinyl Chloride

Concen: 19.532 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013403.D

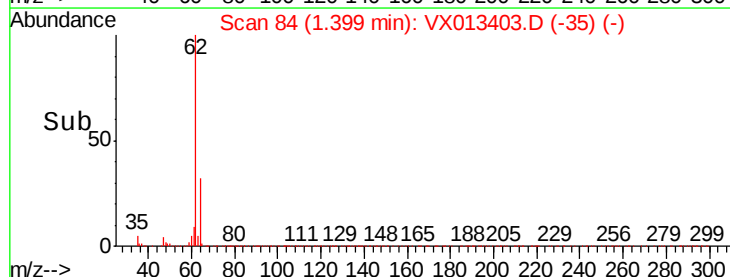
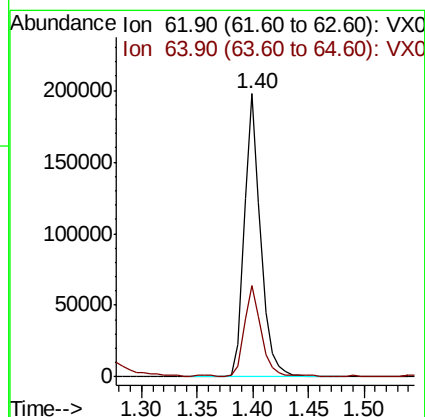
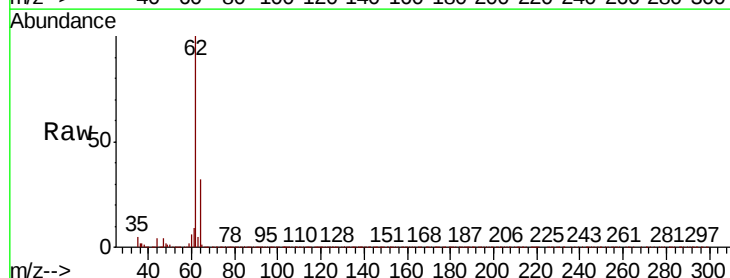
Acq: 13 Nov 2019 13:34

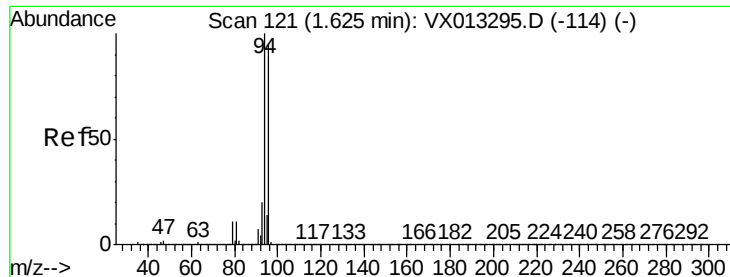
Tgt Ion: 62 Resp: 200882

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 16.434 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

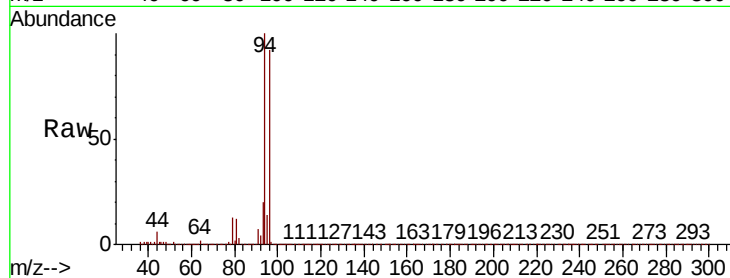
VX1113WBSD01

Tot Ion: 94 Resp: 117781

Ion Ratio Lower Upper

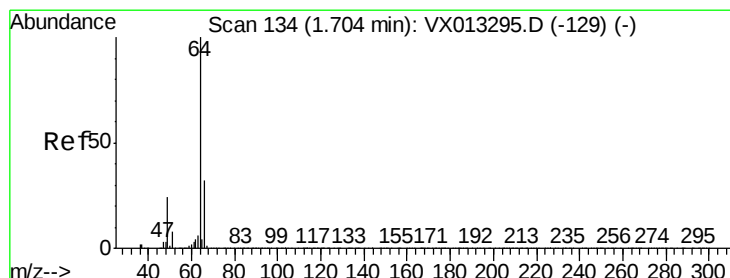
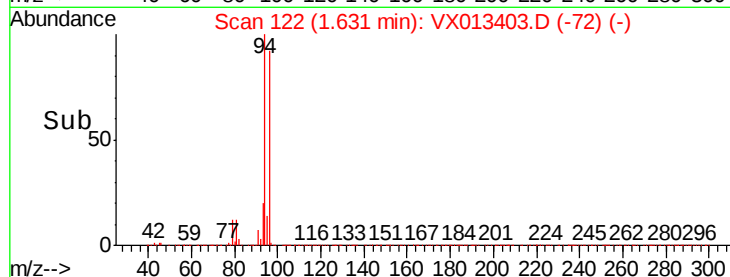
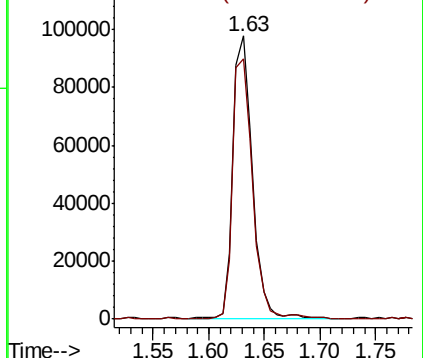
94 100

96 91.9 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.379 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013403.D

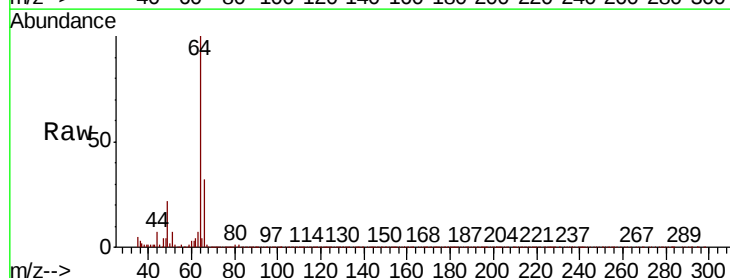
Acq: 13 Nov 2019 13:34

Tgt Ion: 64 Resp: 112482

Ion Ratio Lower Upper

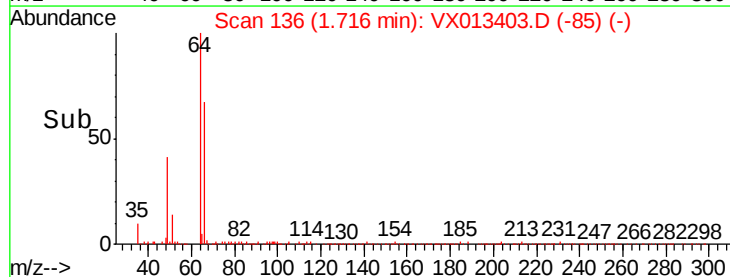
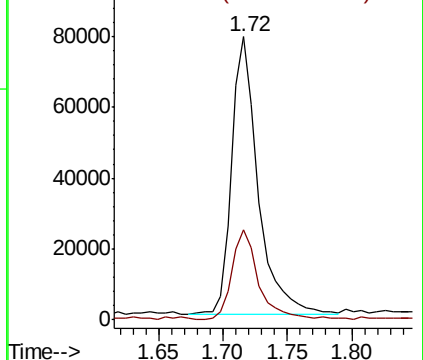
64 100

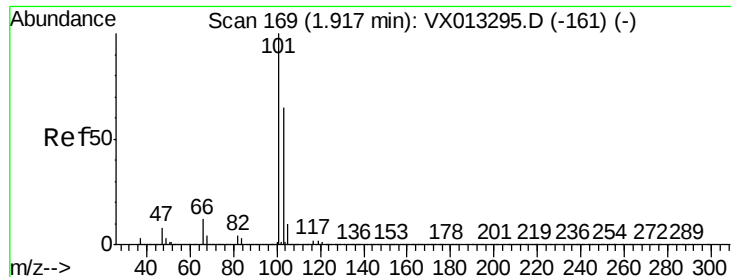
66 31.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



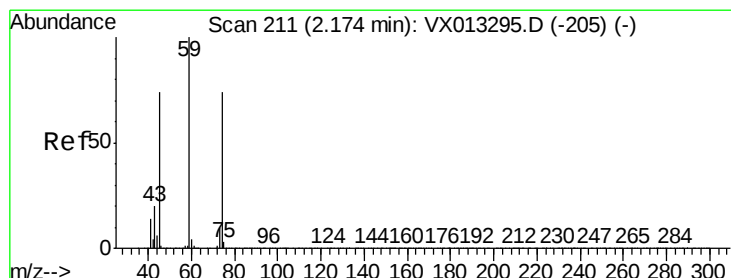
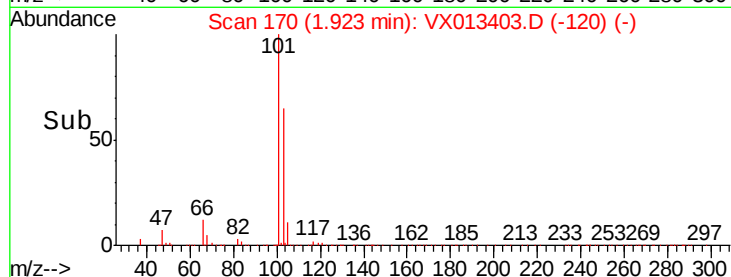
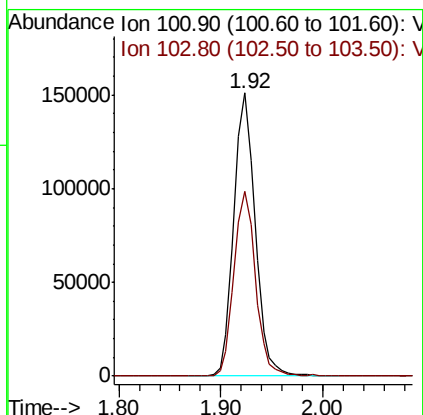
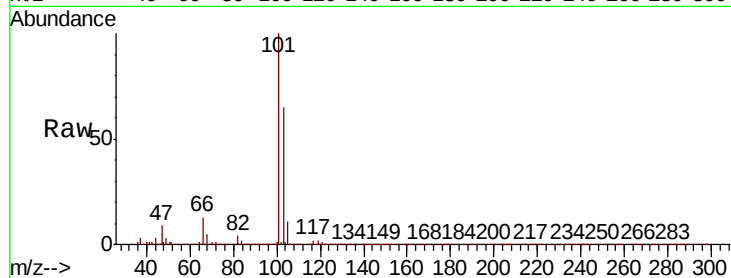


#7

Trichlorofluoromethane
Concen: 17.898 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

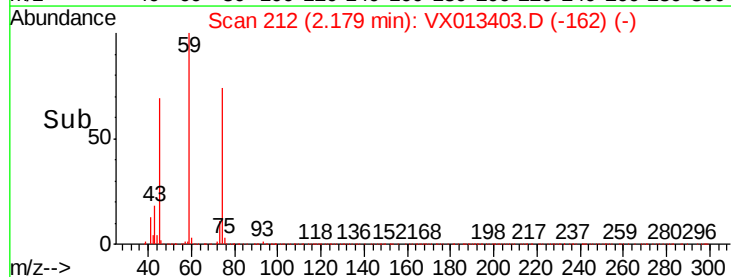
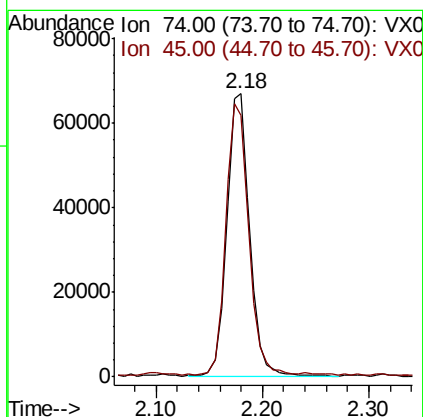
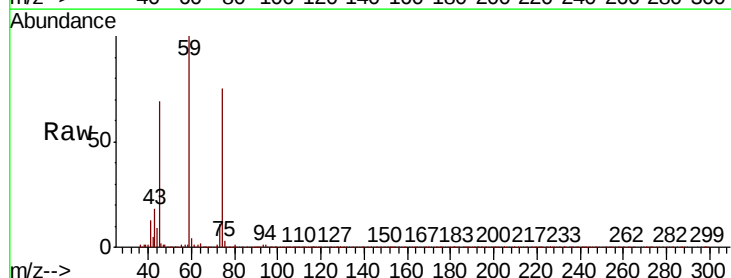
Tot Ion:101 Resp: 217472
Ion Ratio Lower Upper
101 100
103 65.5 52.3 78.5

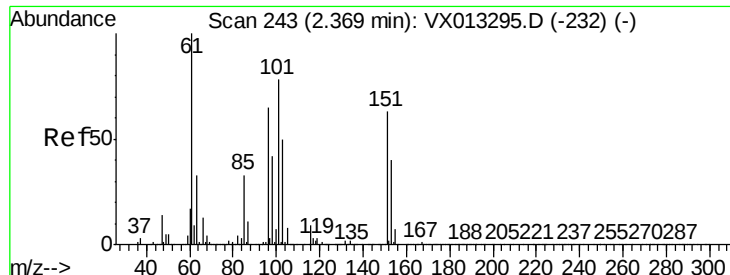


#8

Diethyl Ether
Concen: 18.389 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion: 74 Resp: 98807
Ion Ratio Lower Upper
74 100
45 97.3 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.213 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

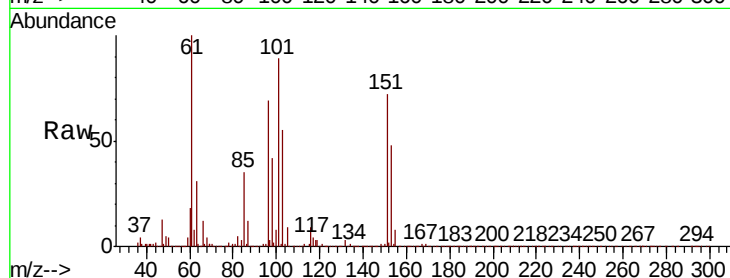
Tot Ion:101 Resp: 136892

Ion Ratio Lower Upper

101 100

85 41.1 34.4 51.6

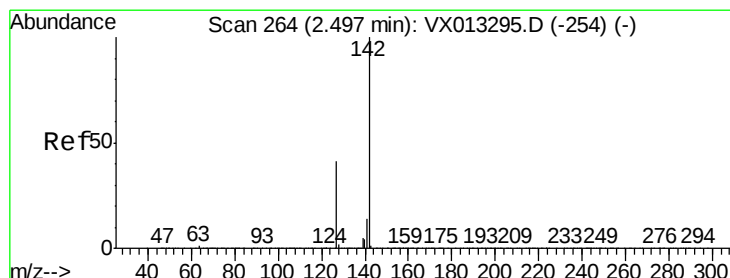
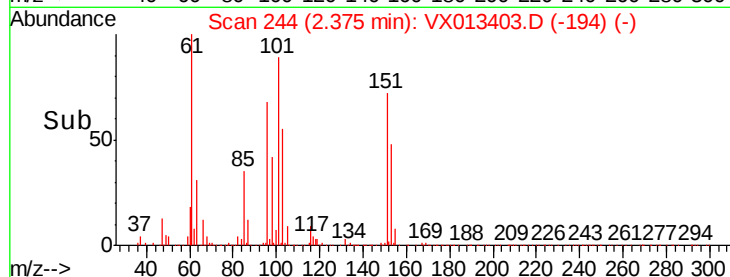
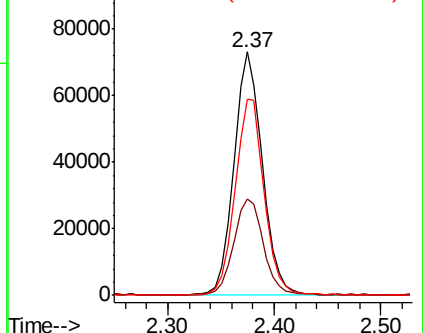
151 83.2 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.042 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

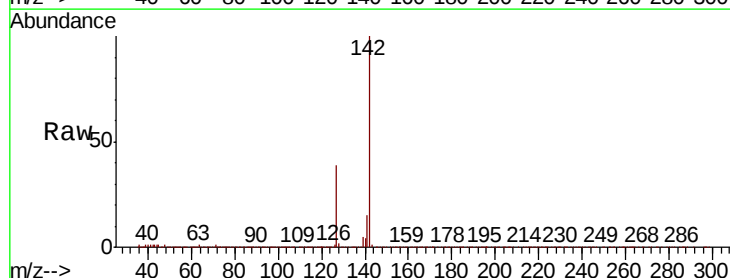
Tgt Ion:142 Resp: 159664

Ion Ratio Lower Upper

142 100

127 38.4 32.6 49.0

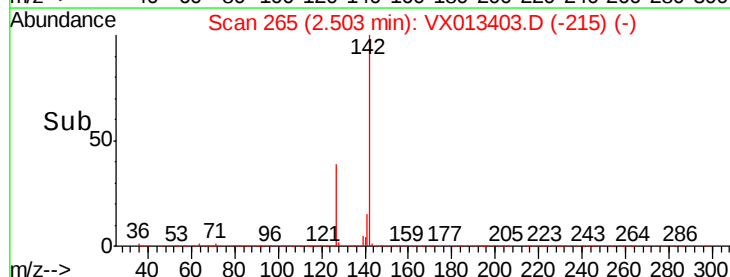
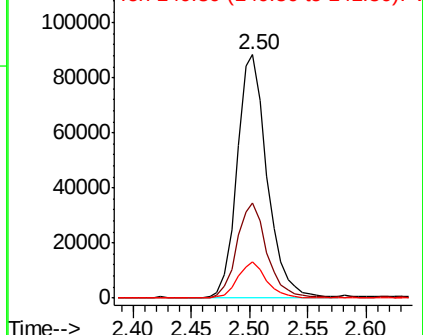
141 14.6 11.6 17.4

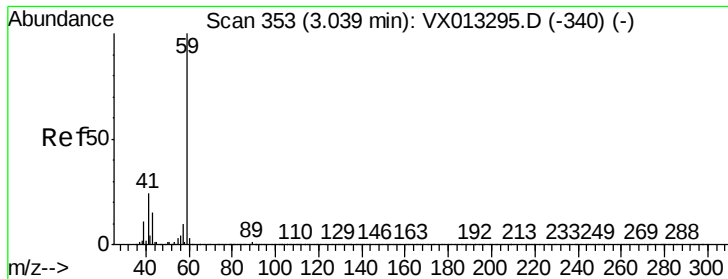


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

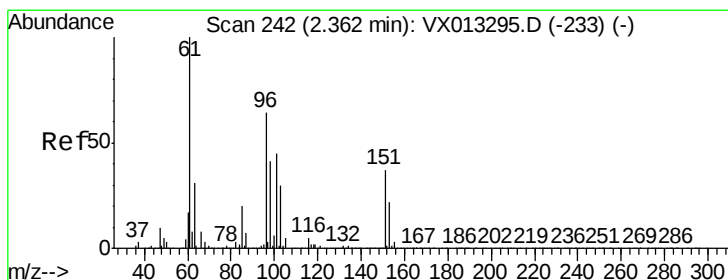
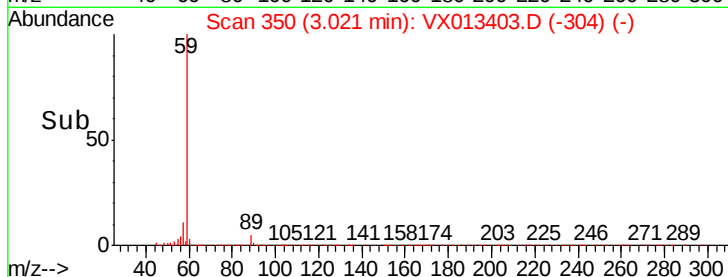
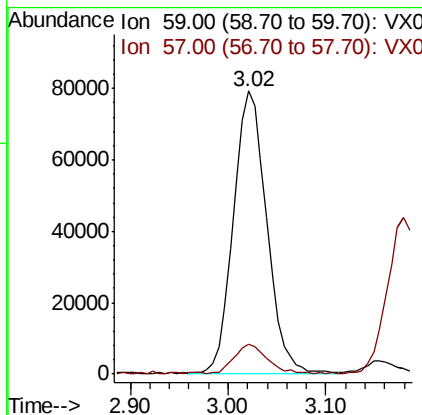
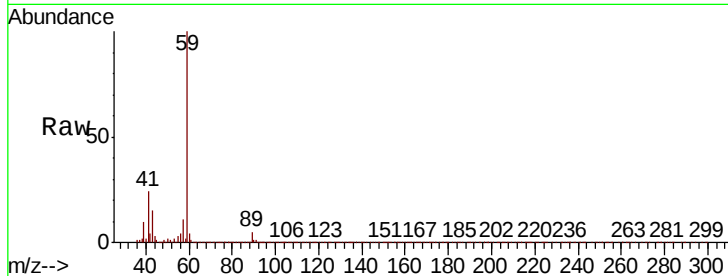




#11
Tert butyl alcohol
Concen: 82.416 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

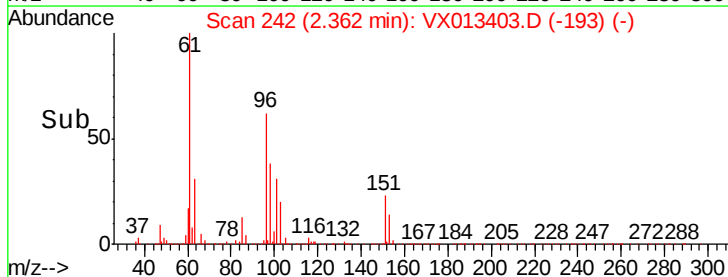
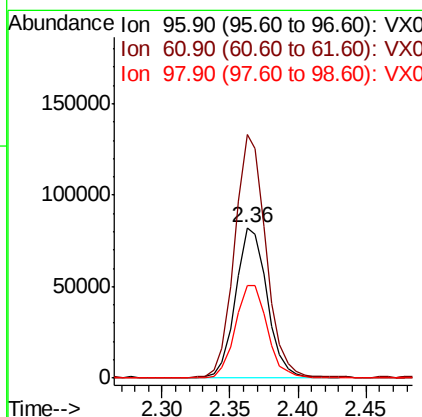
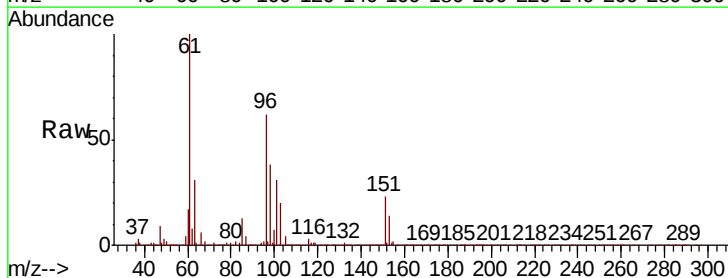
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

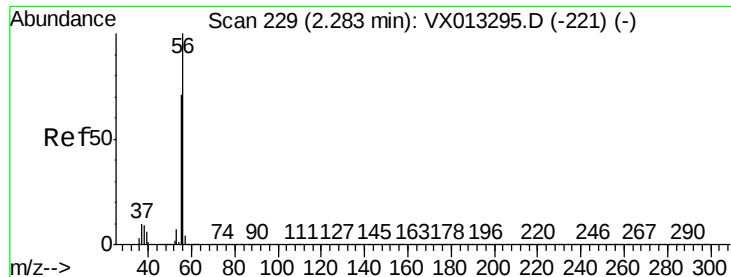
Tot Ion: 59 Resp: 186060
Ion Ratio Lower Upper
59 100
57 9.8 8.0 12.0



#12
1,1-Dichloroethene
Concen: 20.048 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion: 96 Resp: 132955
Ion Ratio Lower Upper
96 100
61 161.2 125.0 187.6
98 61.6 50.7 76.1





#13

Acrolein

Concen: 97.256 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

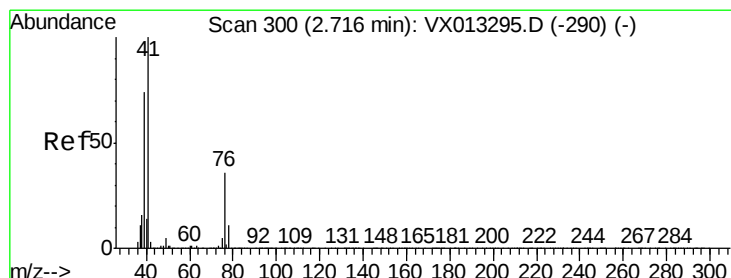
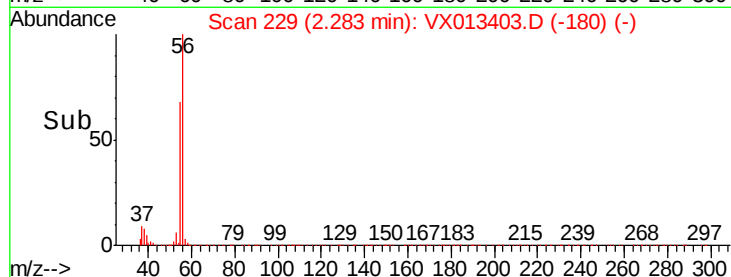
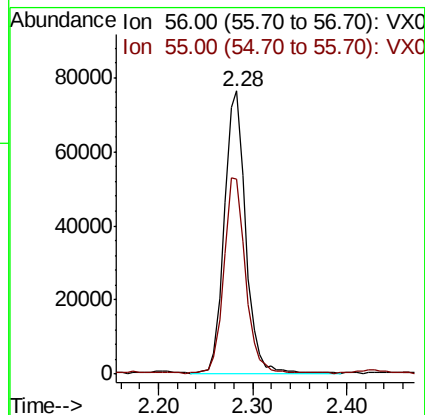
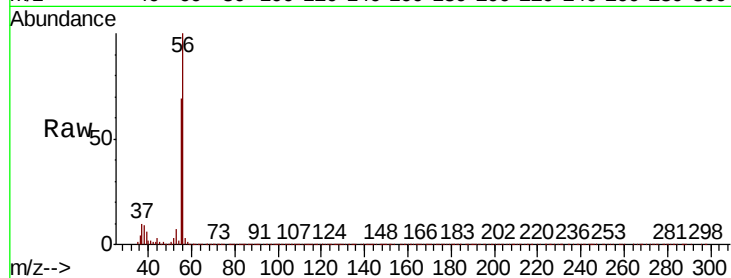
VX1113WBSD01

Tot Ion: 56 Resp: 118997

Ion Ratio Lower Upper

56 100

55 72.9 57.4 86.0



#14

Allyl chloride

Concen: 20.185 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

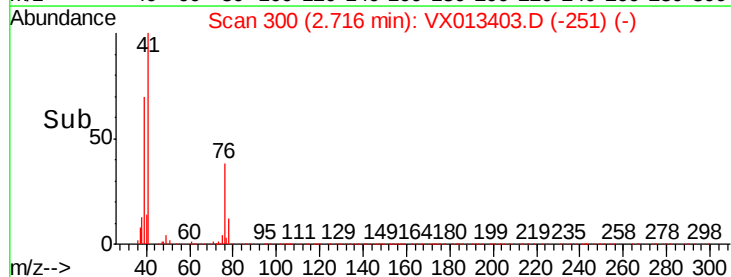
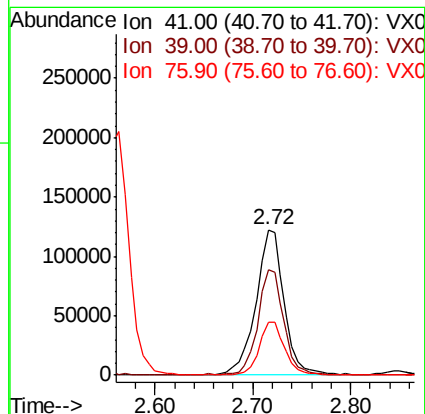
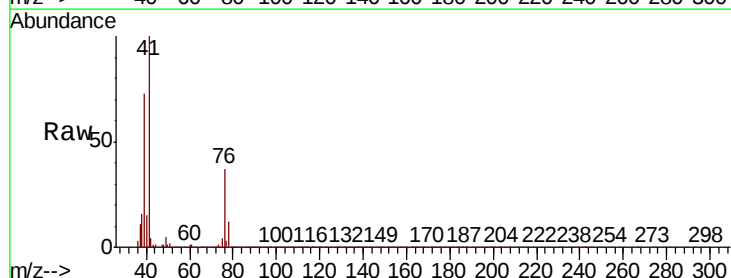
Tgt Ion: 41 Resp: 243226

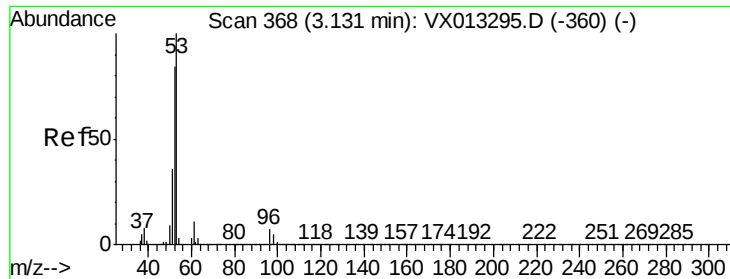
Ion Ratio Lower Upper

41 100

39 65.6 55.8 83.8

76 32.6 26.4 39.6

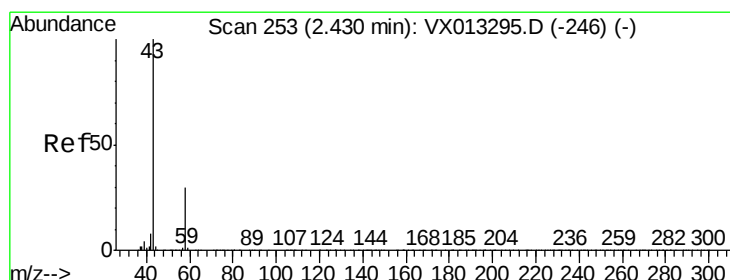
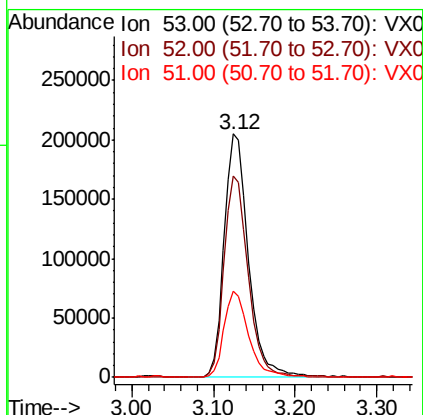
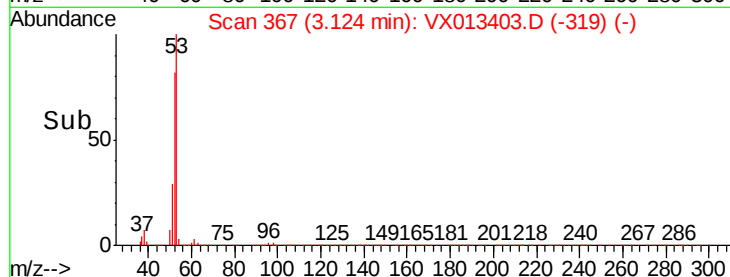
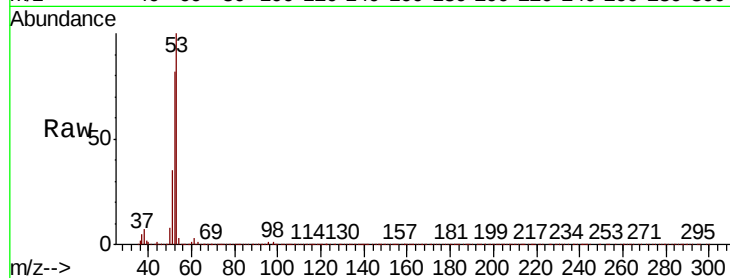




#15
 Acrylonitrile
 Concen: 99.686 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

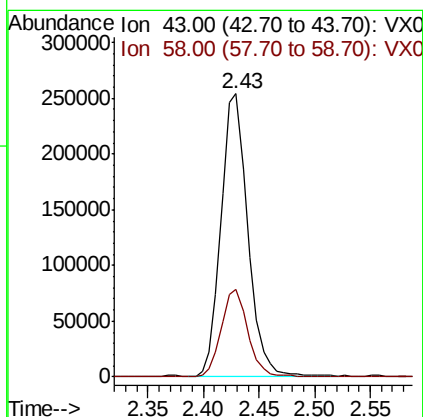
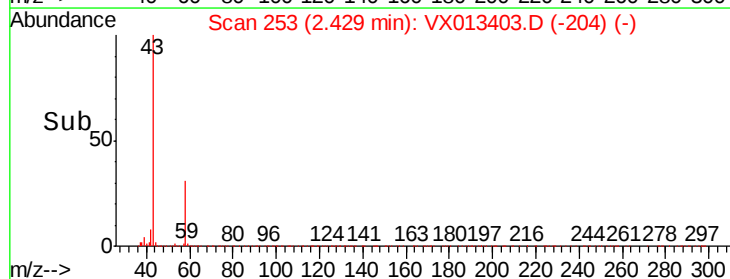
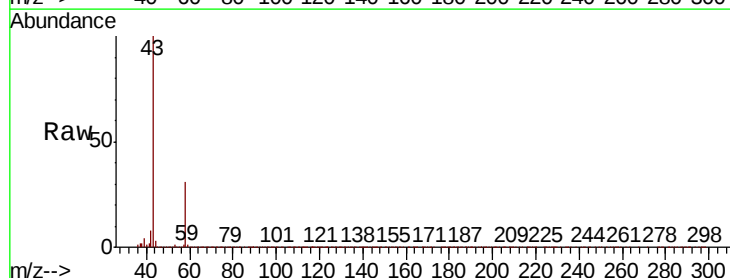
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

Tot Ion	53	Resp	420383
Ion Ratio	Lower	Upper	
53	100		
52	82.5	67.4	101.0
51	35.4	29.4	44.2



#16
 Acetone
 Concen: 98.735 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Tgt Ion	43	Resp	421823
Ion Ratio	Lower	Upper	
43	100		
58	31.0	24.3	36.5





#17

Carbon Disulfide

Concen: 19.255 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

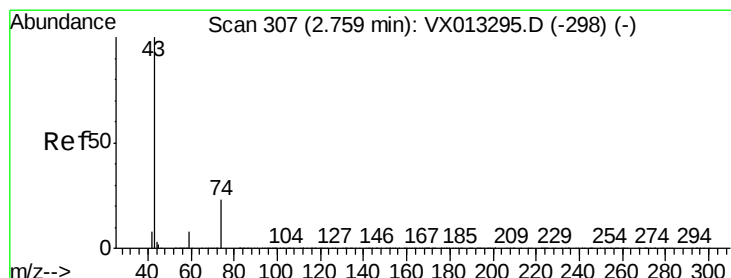
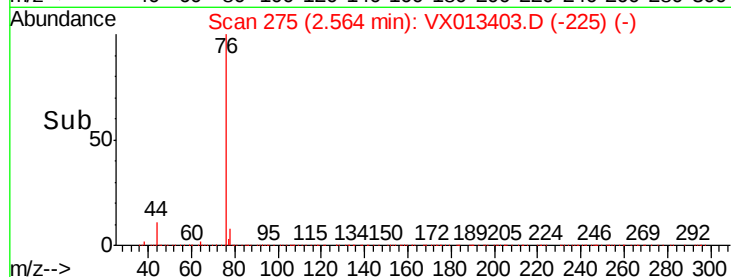
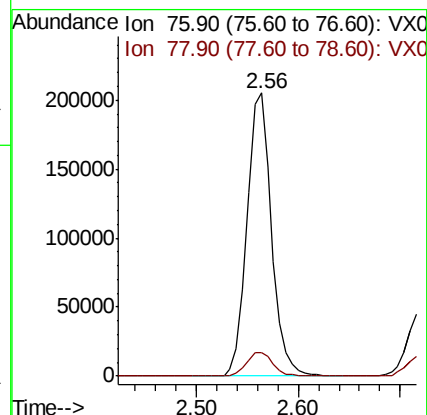
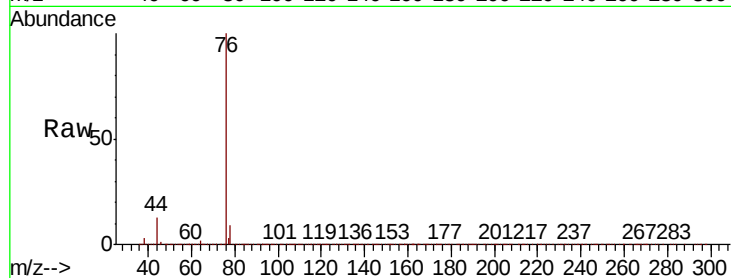
VX1113WBSD01

Tot Ion: 76 Resp: 341787

Ion Ratio Lower Upper

76 100

78 8.3 7.0 10.6



#18

Methyl Acetate

Concen: 20.384 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013403.D

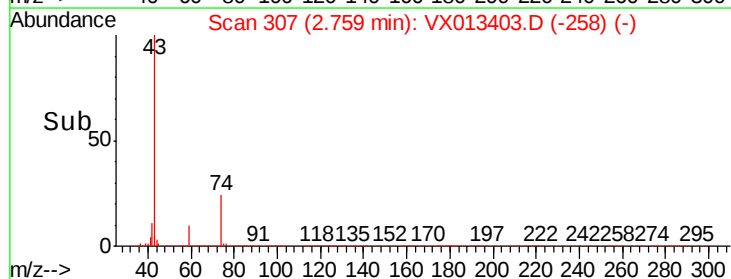
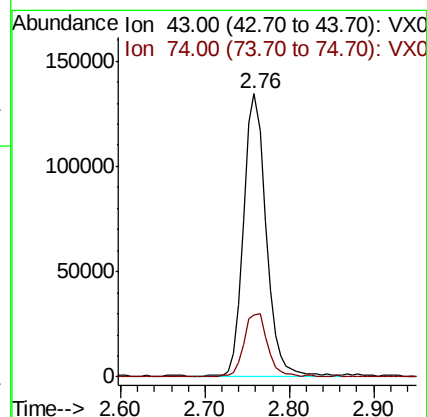
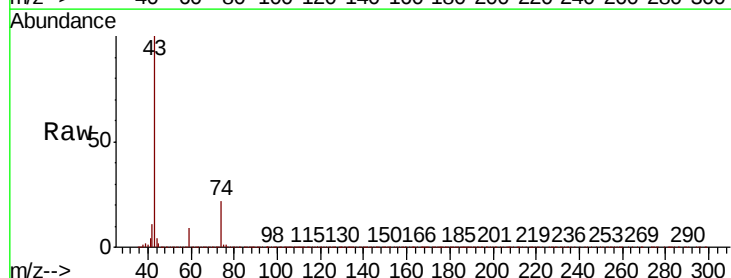
Acq: 13 Nov 2019 13:34

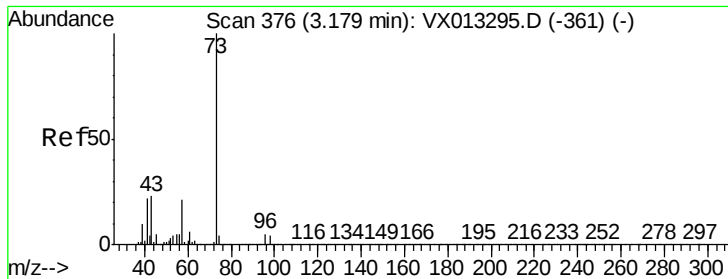
Tgt Ion: 43 Resp: 240427

Ion Ratio Lower Upper

43 100

74 23.5 19.0 28.6

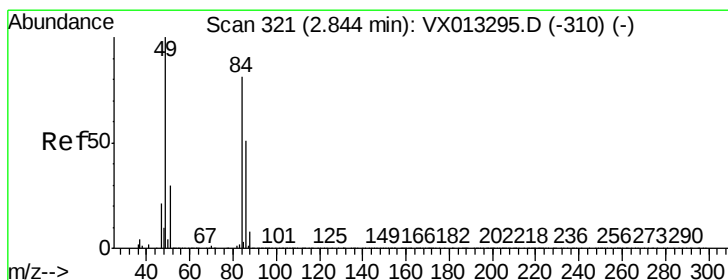
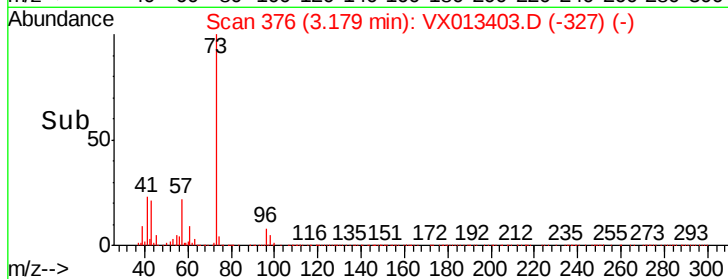
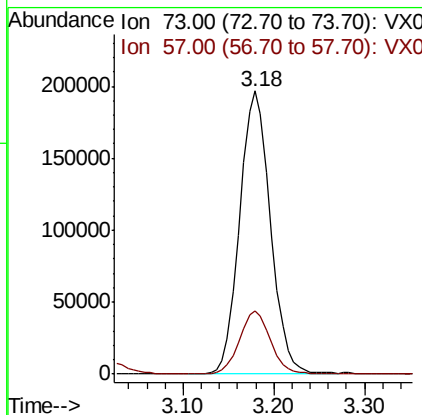
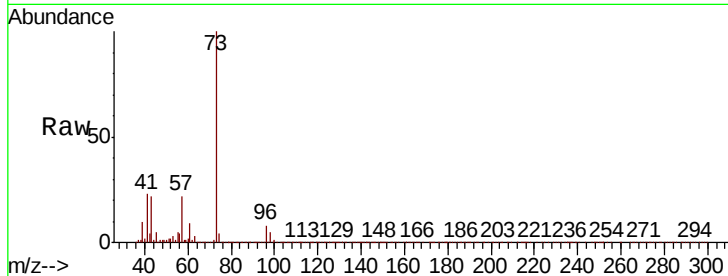




#19
Methvl tert-butvl Ether
Concen: 20.845 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

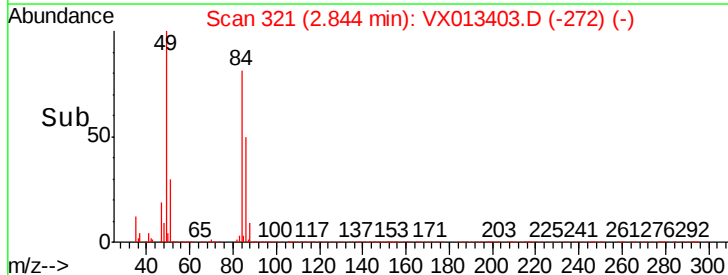
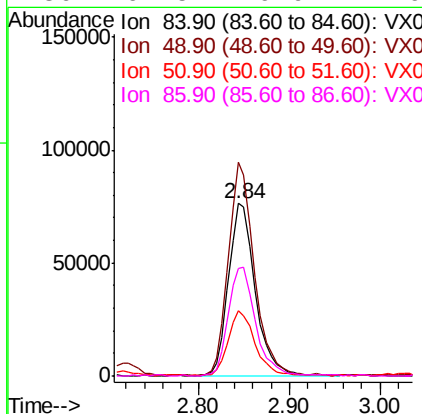
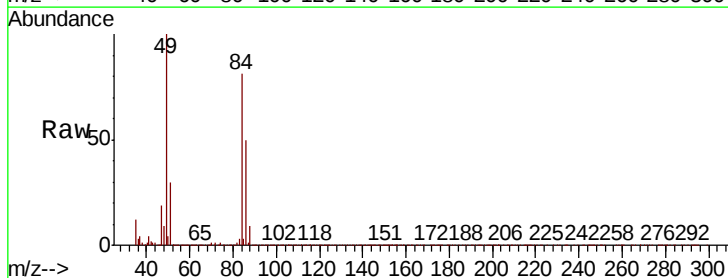
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

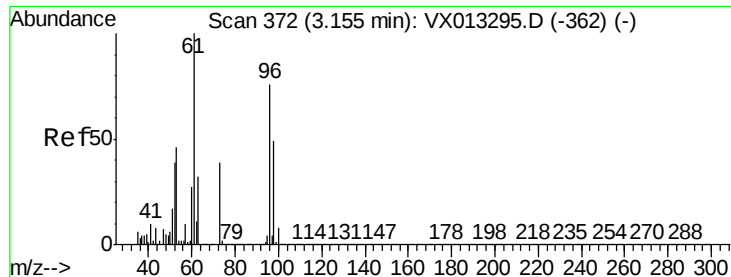
Tot Ion: 73 Resp: 461082
Ion Ratio Lower Upper
73 100
57 22.1 17.1 25.7



#20
Methylene Chloride
Concen: 19.681 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion: 84 Resp: 155352
Ion Ratio Lower Upper
84 100
49 123.5 98.2 147.4
51 37.4 29.9 44.9
86 62.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.844 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

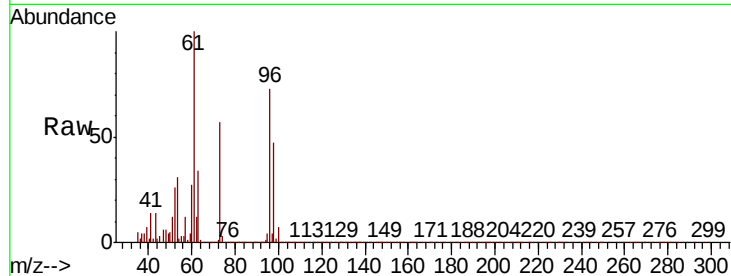
Tot Ion: 96 Resp: 143295

Ion Ratio Lower Upper

96 100

61 136.0 105.8 158.6

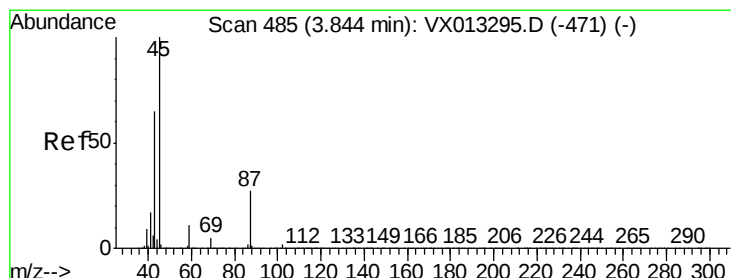
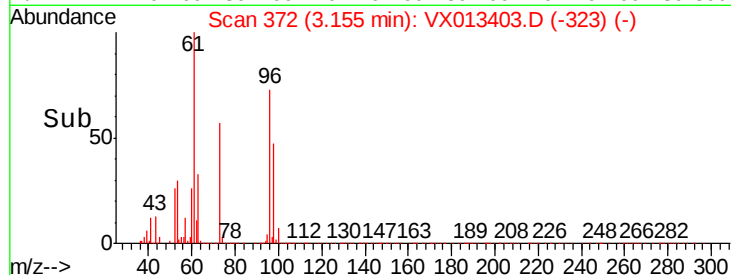
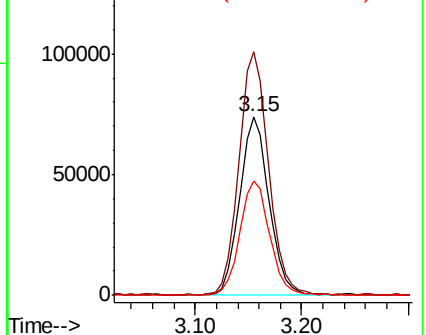
98 64.0 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.077 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Tgt Ion: 45 Resp: 490340

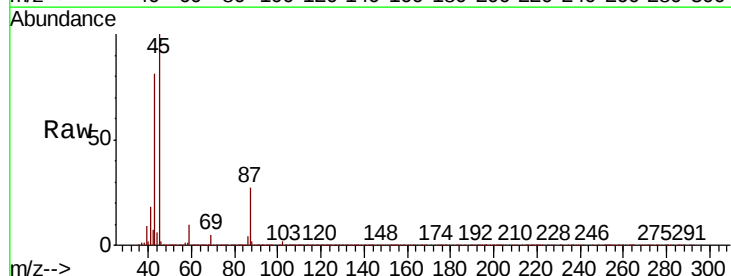
Ion Ratio Lower Upper

45 100

43 80.8 54.2 81.2

87 26.4 21.8 32.8

59 10.4 8.5 12.7

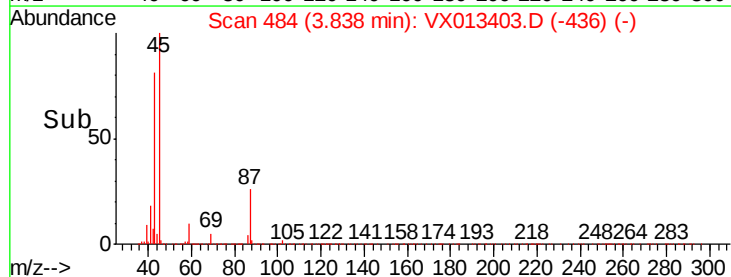
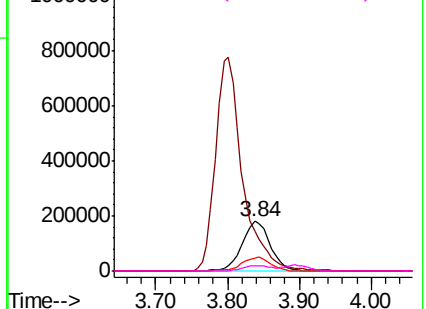


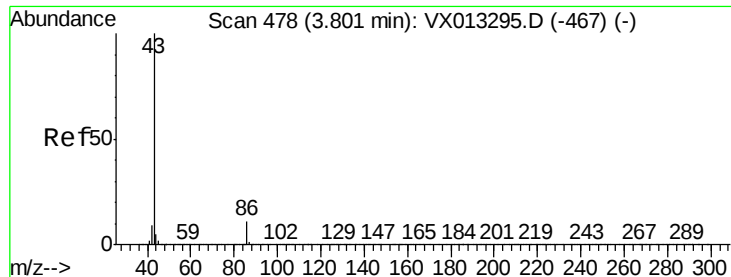
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 101.678 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

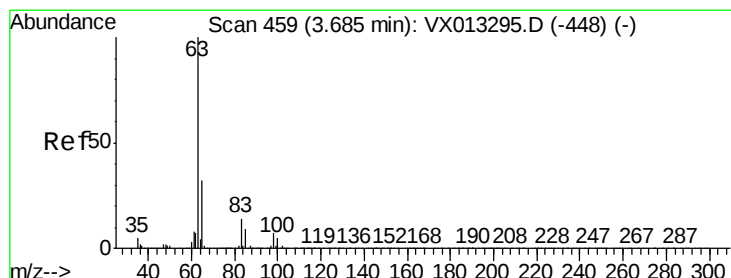
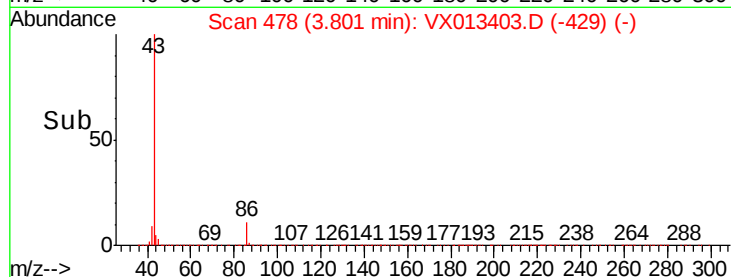
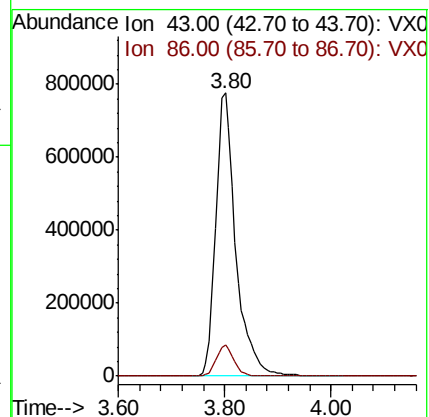
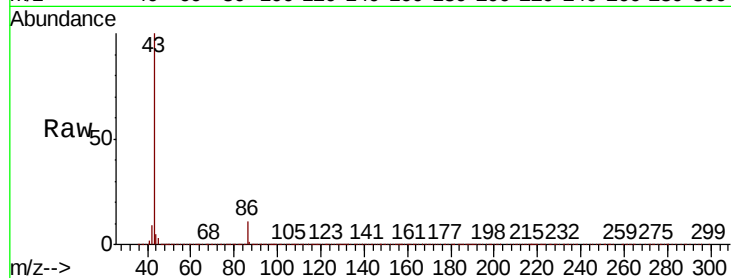
VX1113WBSD01

Tot Ion: 43 Resp: 2024091

Ion Ratio Lower Upper

43 100

86 11.0 8.6 13.0



#24

1,1-Dichloroethane

Concen: 20.560 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

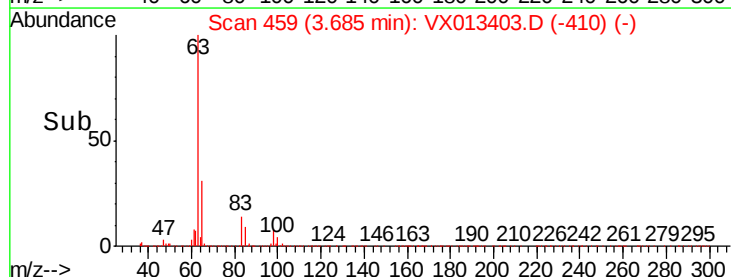
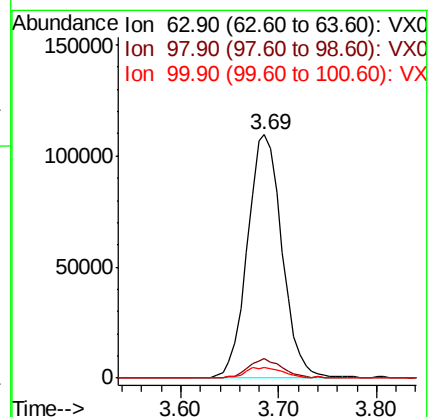
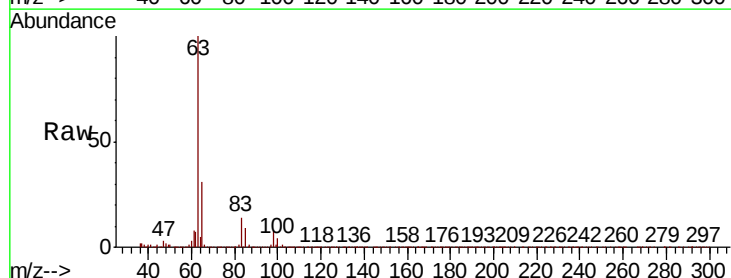
Tgt Ion: 63 Resp: 267564

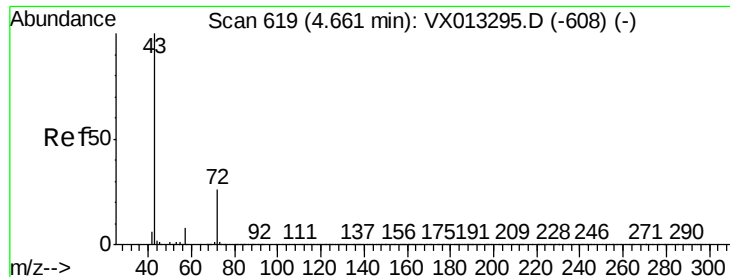
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

100 4.2 2.4 7.2





#25

2-Butanone

Concen: 98.374 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

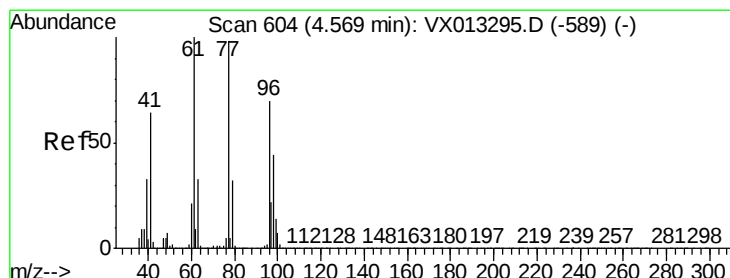
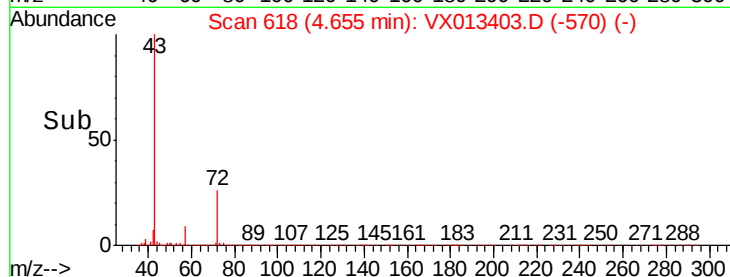
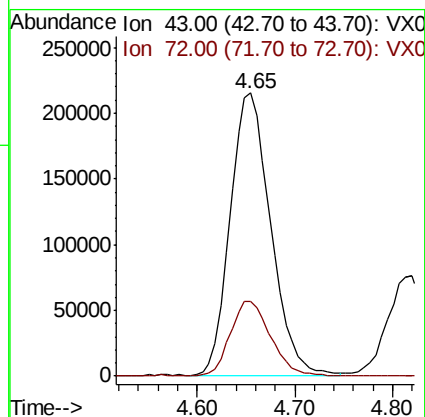
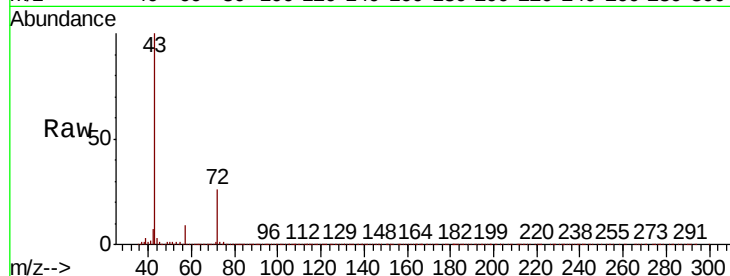
VX1113WBSD01

Tot Ion: 43 Resp: 616562

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.6



#26

2,2-Dichloropropane

Concen: 21.018 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013403.D

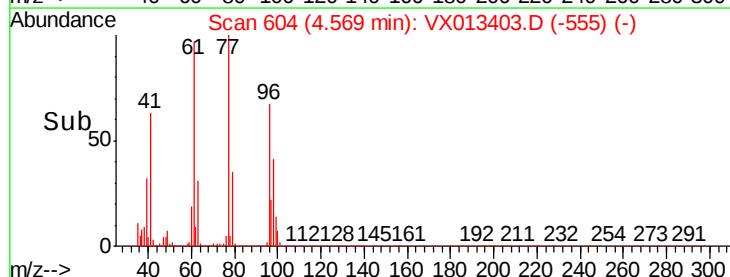
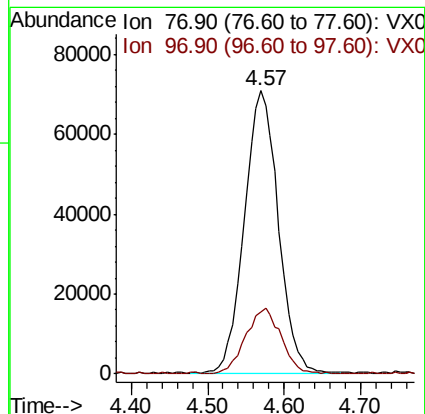
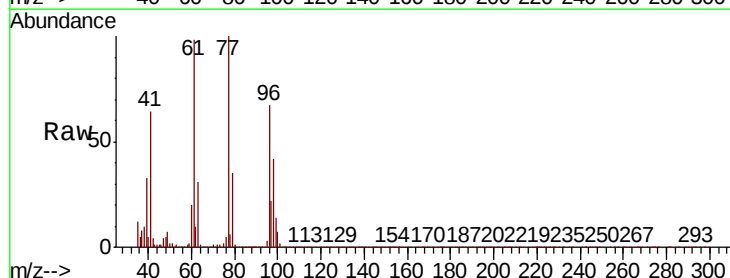
Acq: 13 Nov 2019 13:34

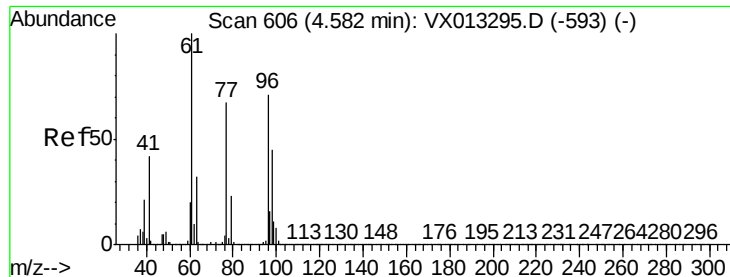
Tgt Ion: 77 Resp: 217602

Ion Ratio Lower Upper

77 100

97 24.5 11.3 33.8



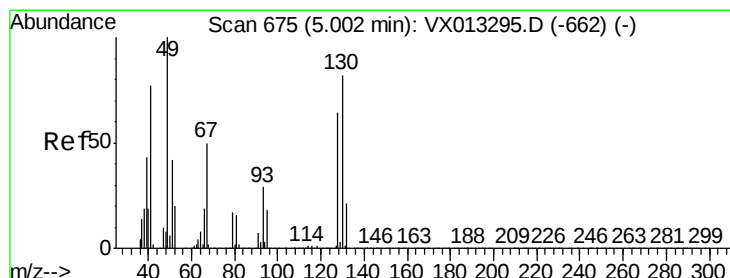
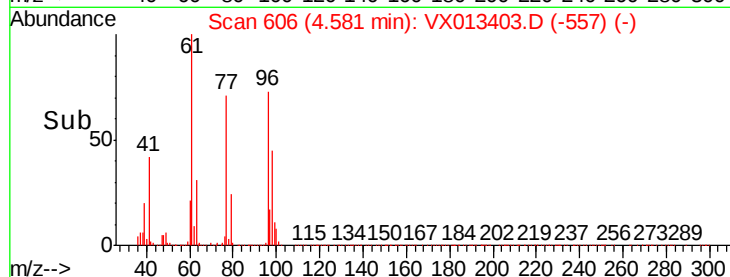
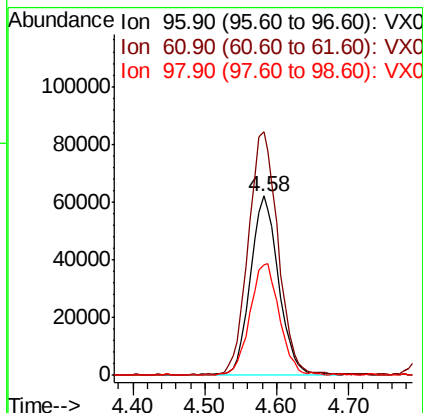
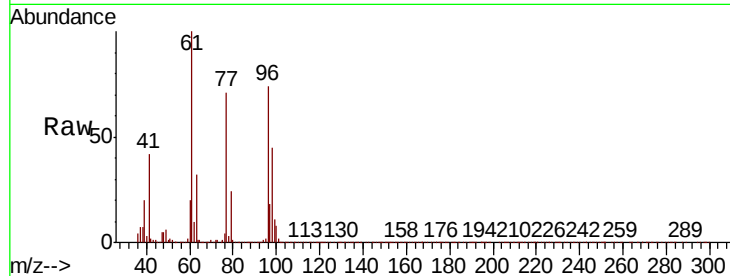


#27

cis-1,2-Dichloroethene
Concen: 20.780 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

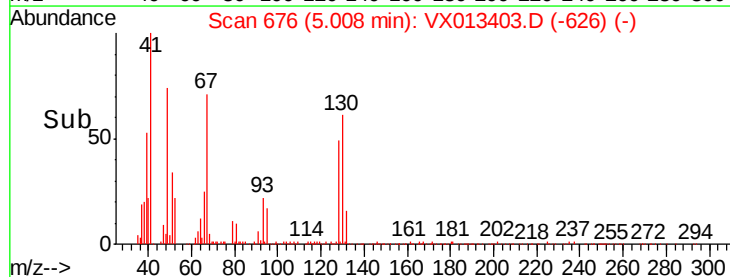
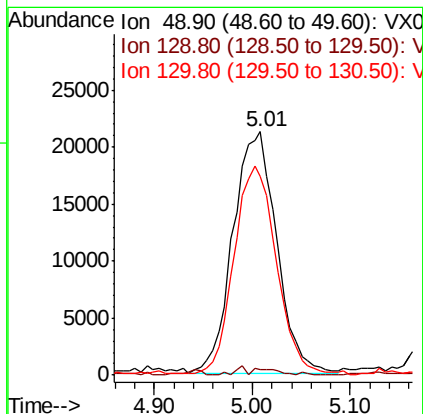
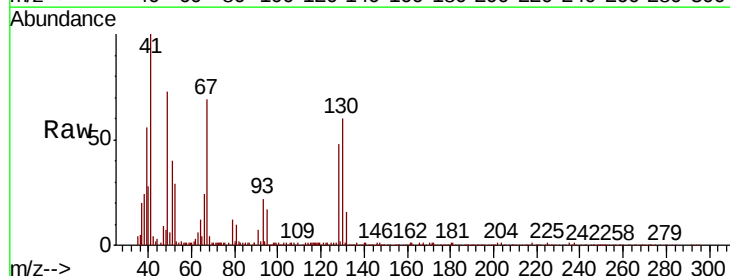
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	288.0
98	64.9	0.0	129.6

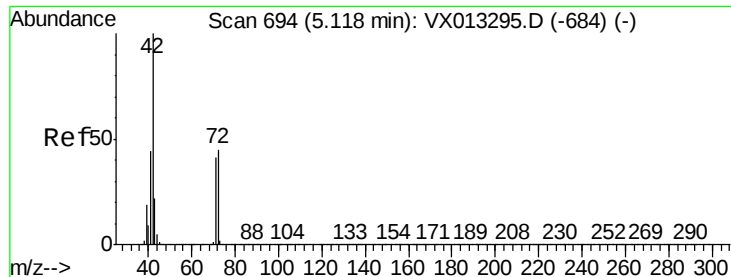


#28

Bromochloromethane
Concen: 17.779 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	5.2
130	82.7	63.8	95.6





#29

Tetrahydrofuran

Concen: 96.297 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

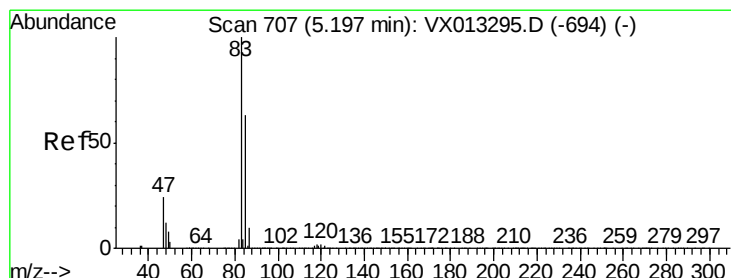
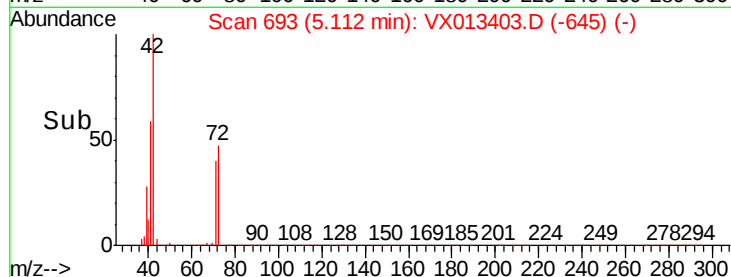
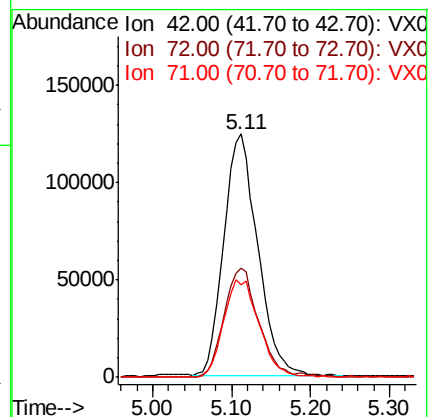
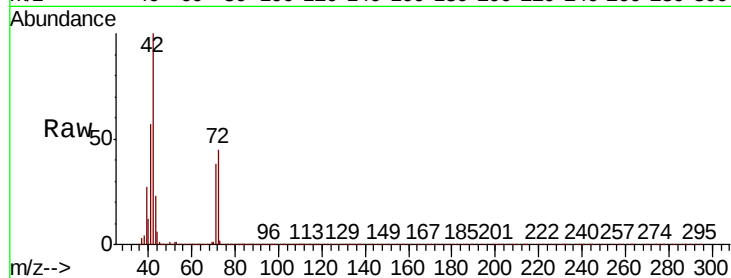
Tot Ion: 42 Resp: 371927

Ion Ratio Lower Upper

42 100

72 46.4 35.8 53.8

71 42.8 33.4 50.0



#30

Chloroform

Concen: 20.475 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013403.D

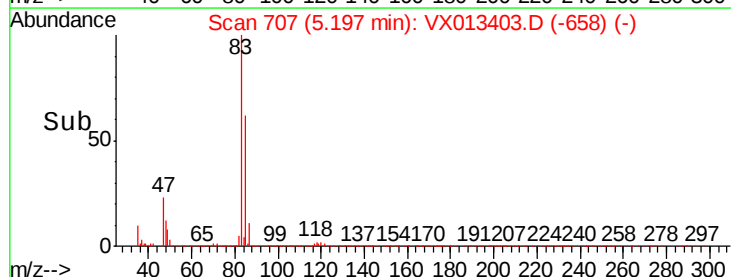
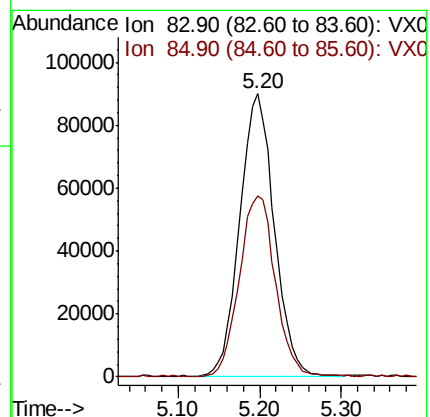
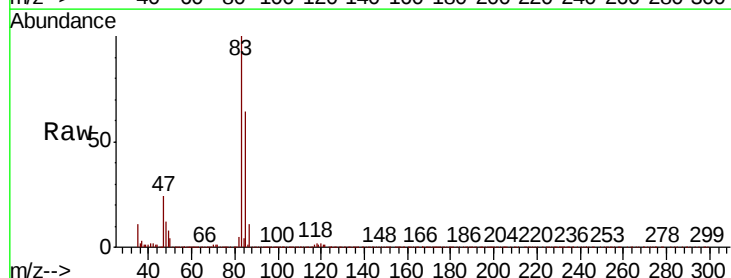
Acq: 13 Nov 2019 13:34

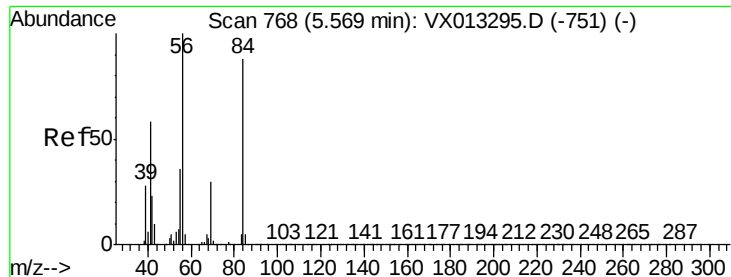
Tgt Ion: 83 Resp: 263116

Ion Ratio Lower Upper

83 100

85 63.5 50.2 75.4

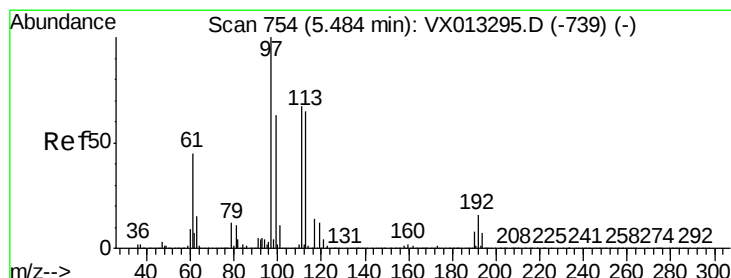
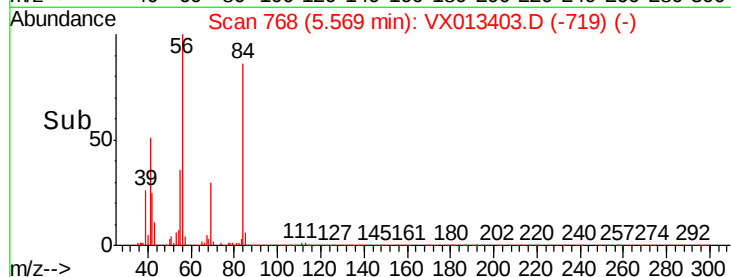
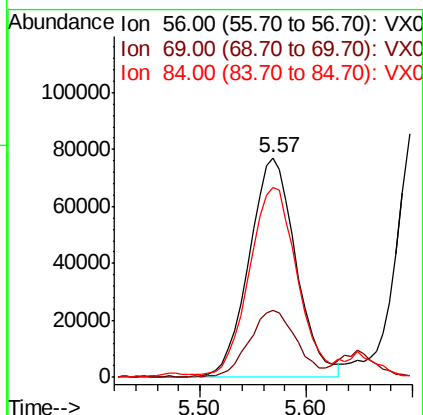
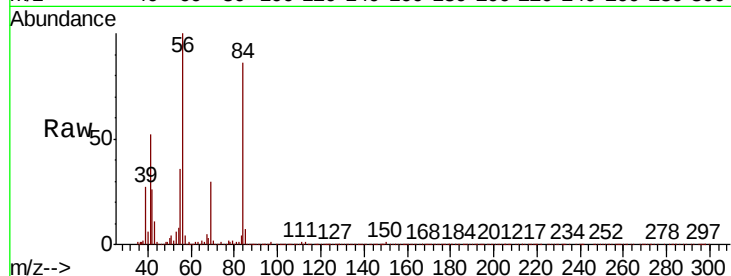




#31
Cyclohexane
Concen: 20.294 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

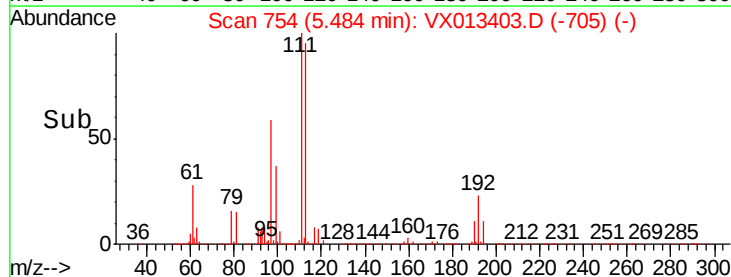
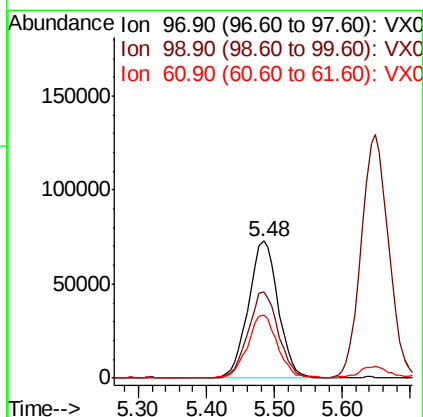
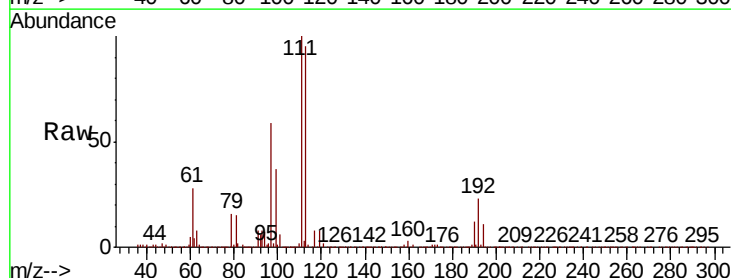
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion: 56 Resp: 237644
Ion Ratio Lower Upper
56 100
69 30.6 23.7 35.5
84 85.2 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 20.242 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion: 97 Resp: 223858
Ion Ratio Lower Upper
97 100
99 63.0 51.1 76.7
61 44.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 48.020 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

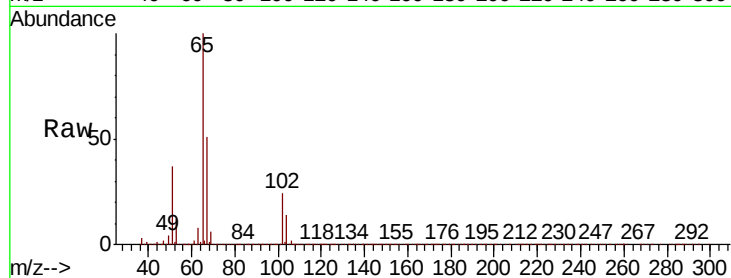
VX1113WBSD01

Tot Ion: 65 Resp: 411309

Ion Ratio Lower Upper

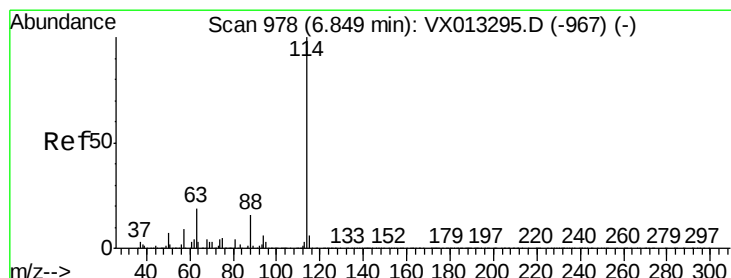
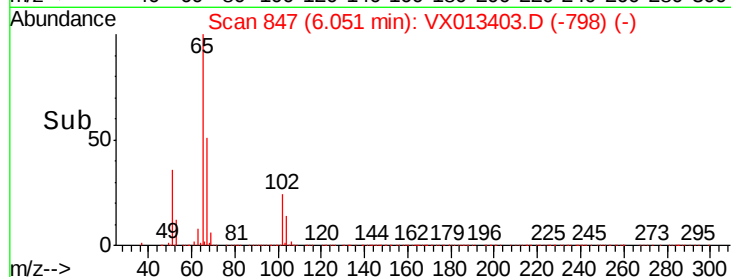
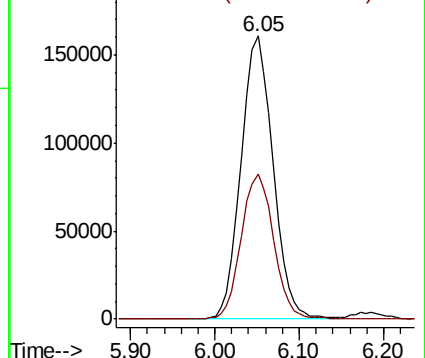
65 100

67 51.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

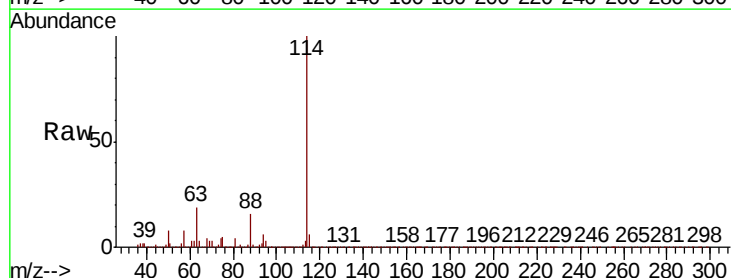
Tgt Ion: 114 Resp: 1091481

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

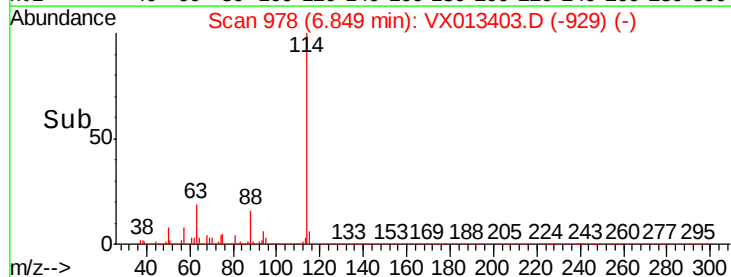
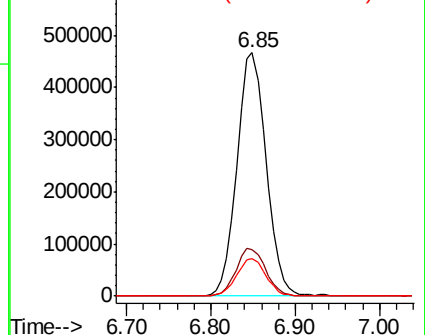
88 15.6 0.0 32.2

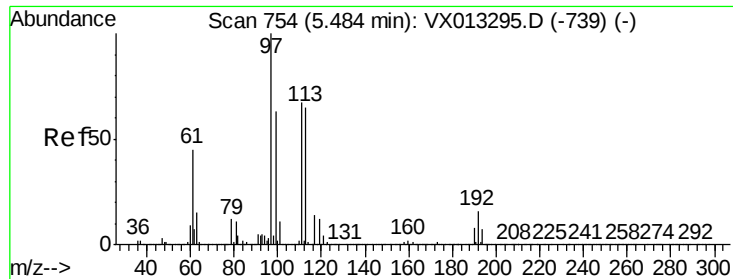


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

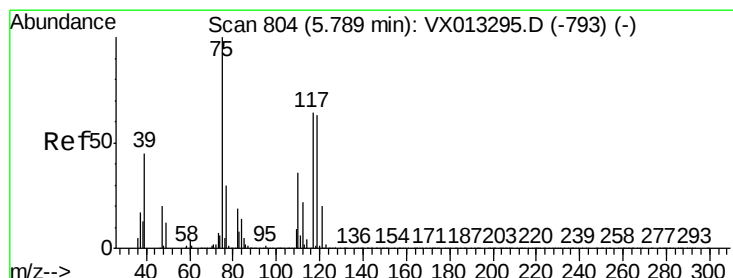
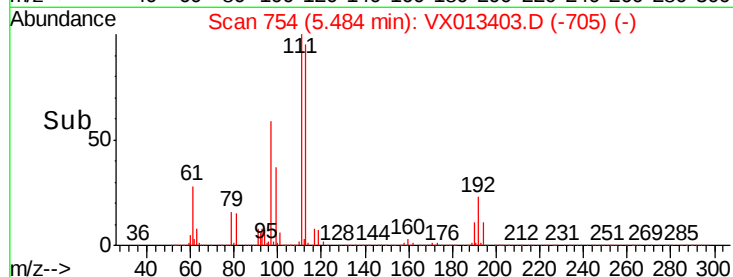
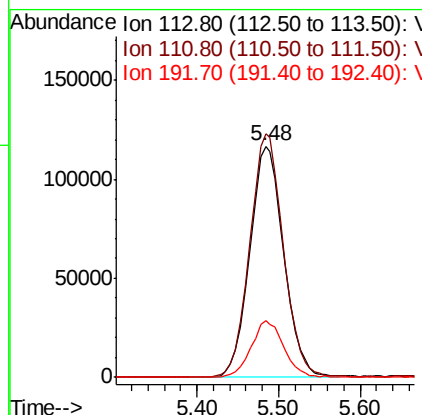
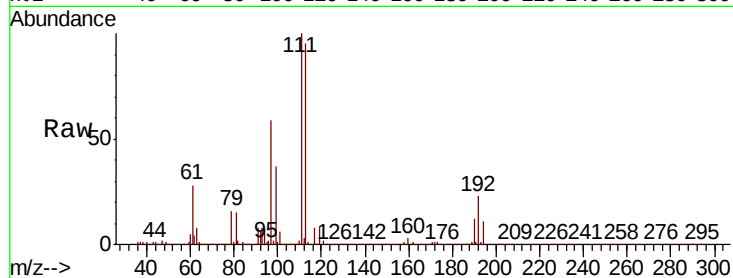




#35
Dibromofluoromethane
Concen: 49.289 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

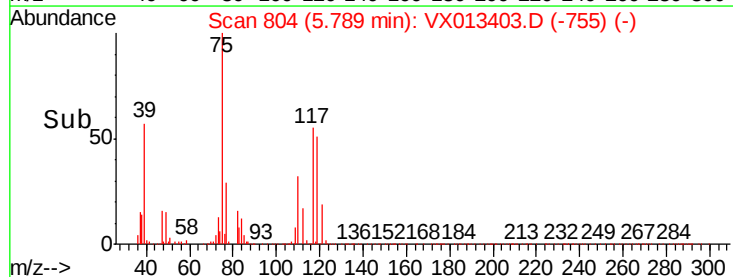
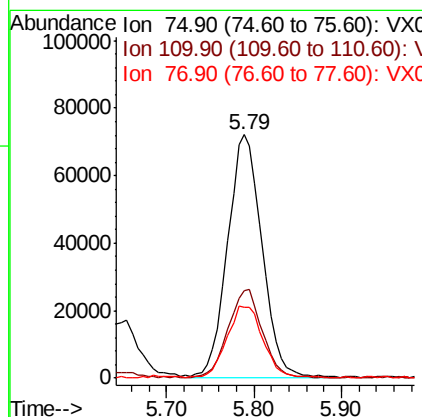
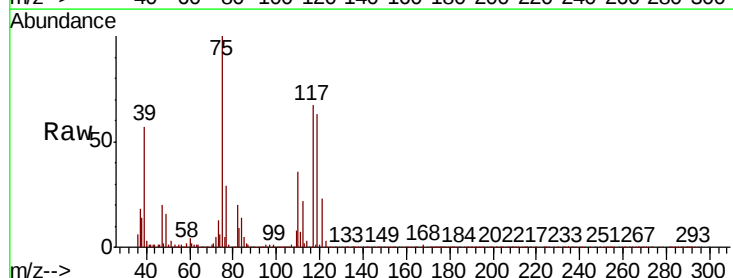
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

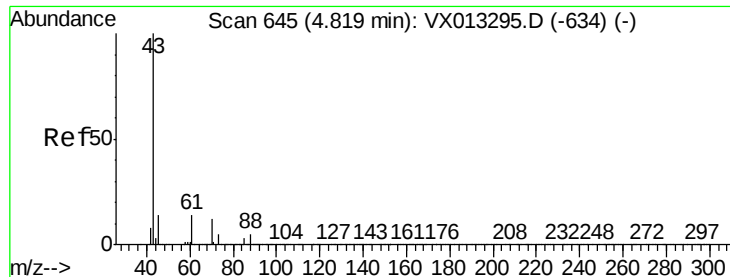
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.9	122.9
192	24.0	19.1	28.7



#36
1,1-Dichloropropene
Concen: 20.869 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.1	54.1
77	30.3	25.0	37.4

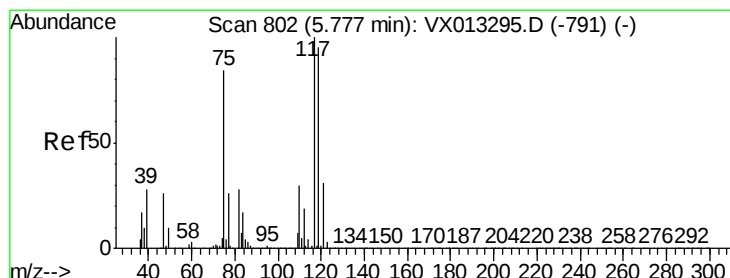
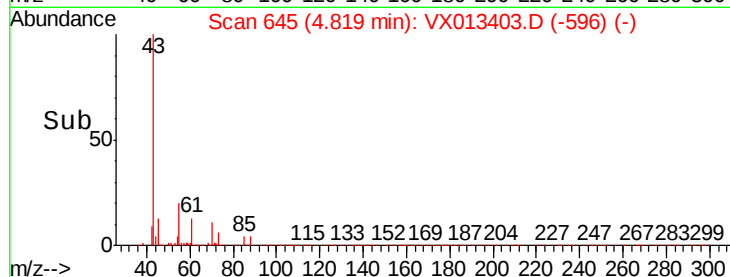
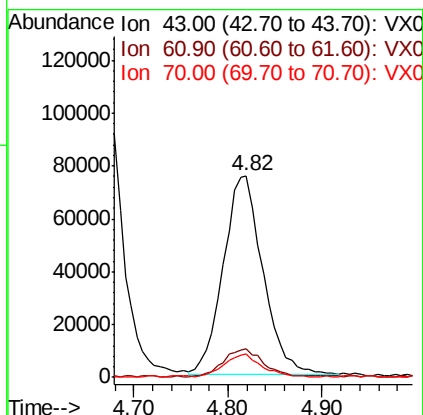
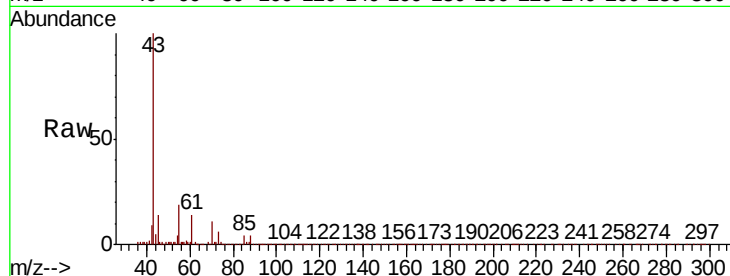




#37
Ethyl Acetate
Concen: 19.099 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

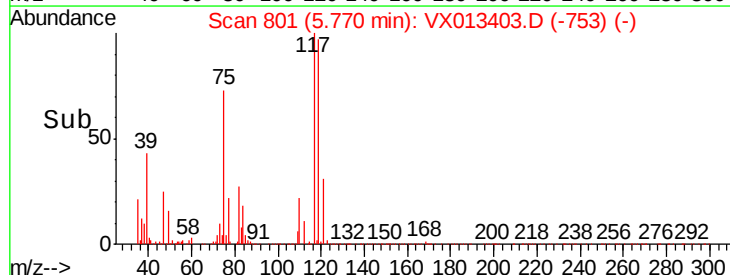
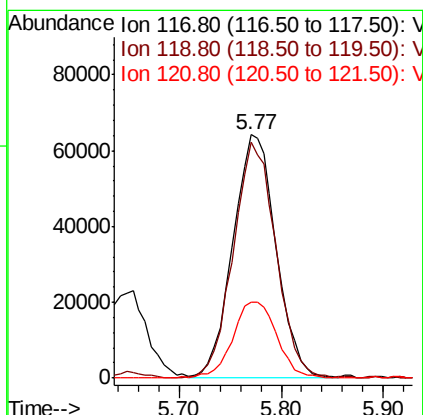
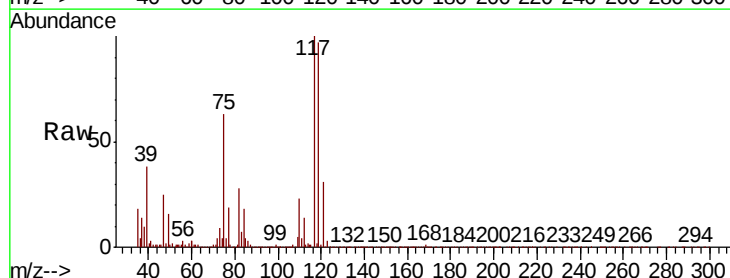
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

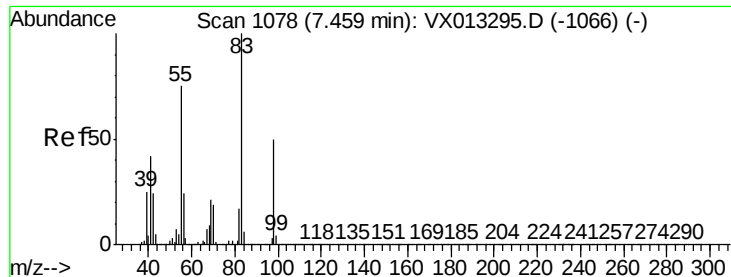
Tot Ion: 43 Resp: 220982
Ion Ratio Lower Upper
43 100
61 14.1 10.7 16.1
70 10.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.438 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion: 117 Resp: 187136
Ion Ratio Lower Upper
117 100
119 96.7 76.1 114.1
121 30.9 24.6 37.0

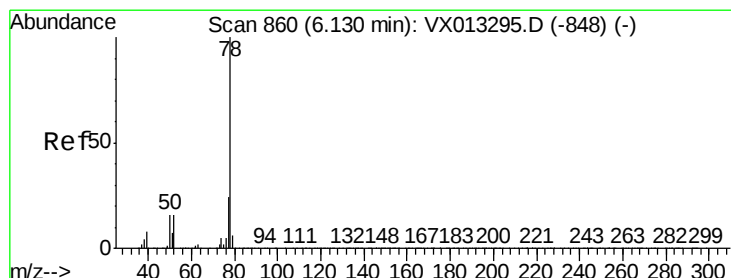
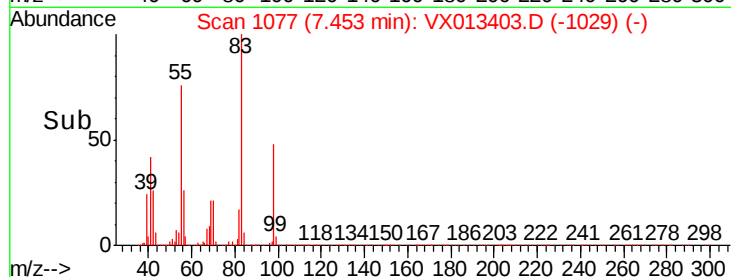
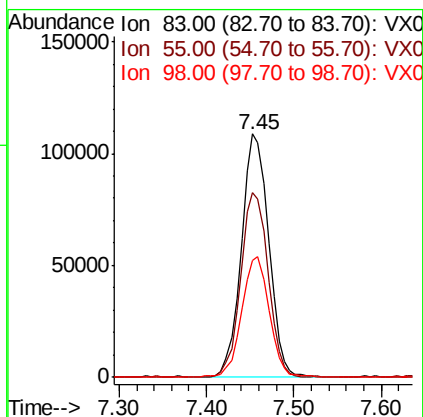
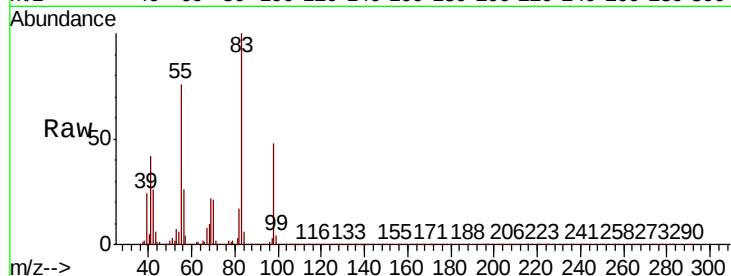




#39
Methylvlcvclohexane
Concen: 20.357 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

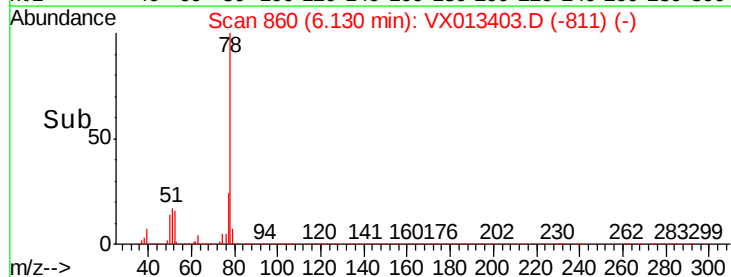
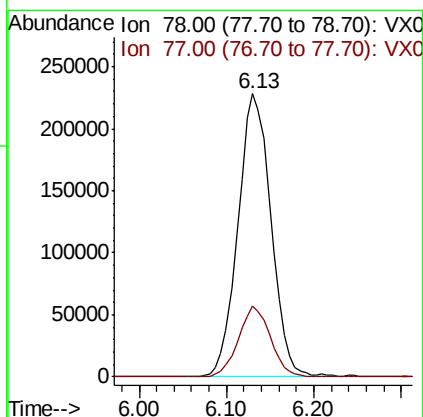
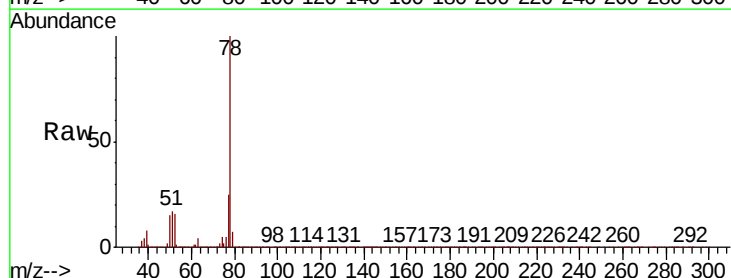
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion: 83 Resp: 237510
Ion Ratio Lower Upper
83 100
55 75.6 60.3 90.5
98 47.9 40.3 60.5



#40
Benzene
Concen: 20.587 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion: 78 Resp: 600453
Ion Ratio Lower Upper
78 100
77 24.9 19.5 29.3

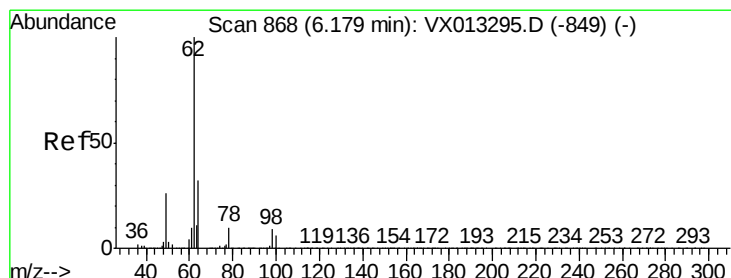
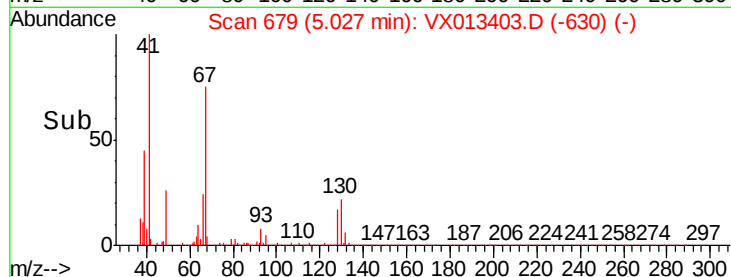
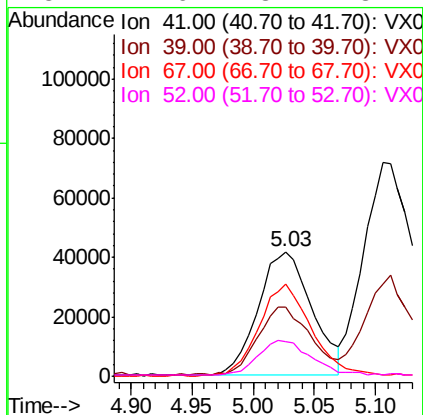
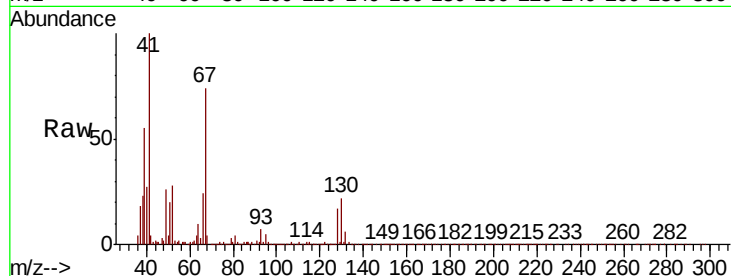




#41
Methacrylonitrile
Concen: 19.642 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

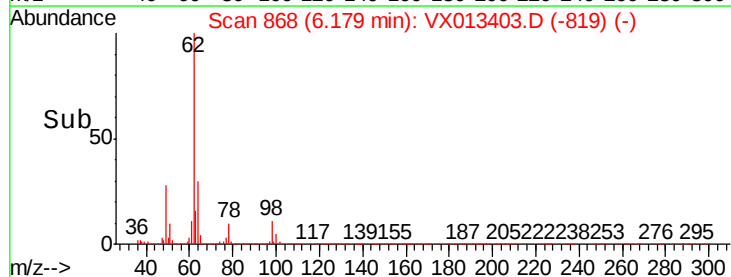
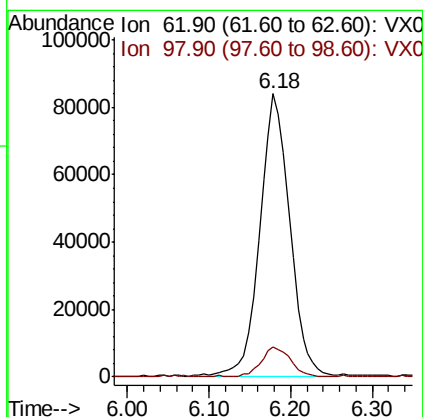
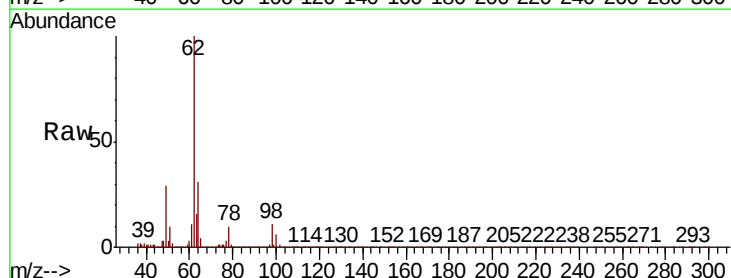
Instrument :
MSVOA_X
ClientSampleID :
VX1113WBSD01

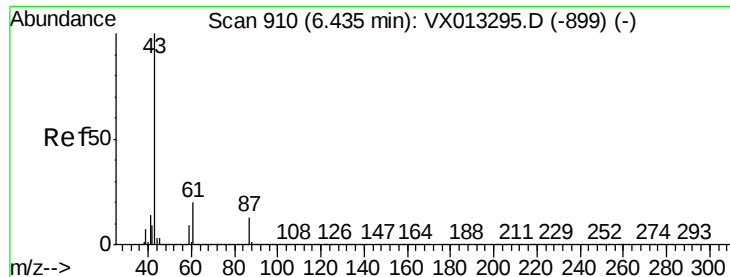
Tot Ion:	41	Resp:	127380
Ion	Ratio	Lower	Upper
41	100		
39	54.7	45.0	67.6
67	71.2	55.4	83.2
52	27.6	23.1	34.7



#42
1,2-Dichloroethane
Concen: 20.309 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion:	62	Resp:	213669
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4



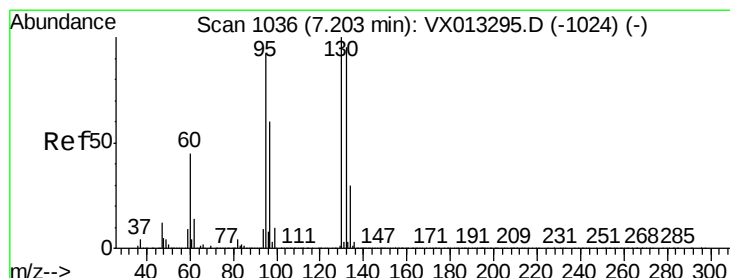
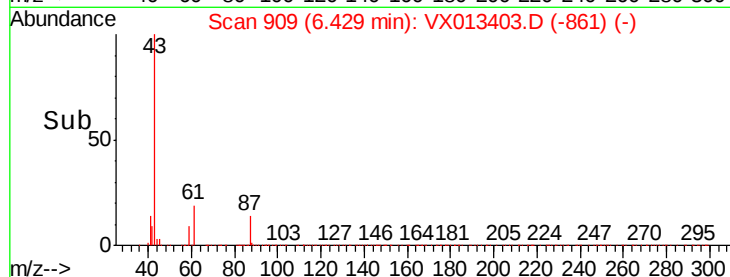
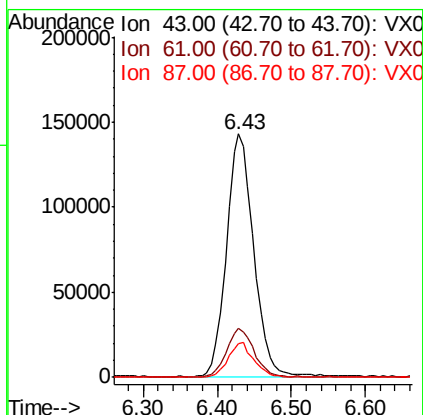
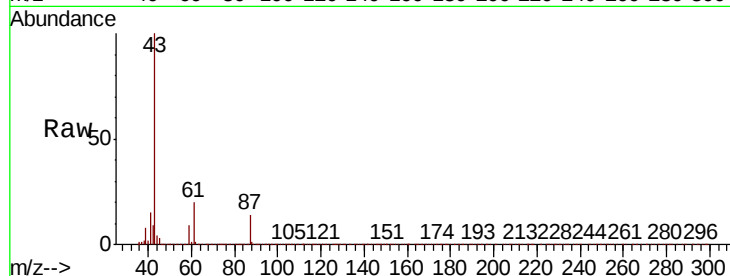


#43

Isopropyl Acetate
 Concen: 20.176 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

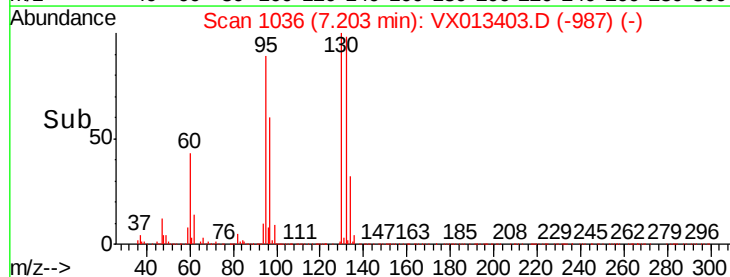
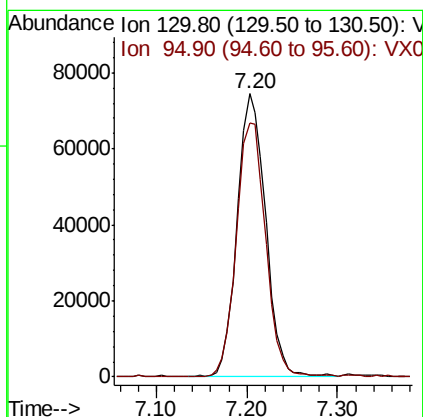
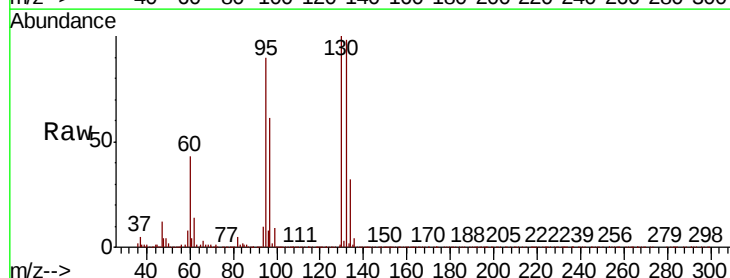
Tot Ion	43	Resp	363515
Ion Ratio	Lower	Upper	
43	100		
61	20.6	15.8	23.8
87	13.3	10.4	15.6

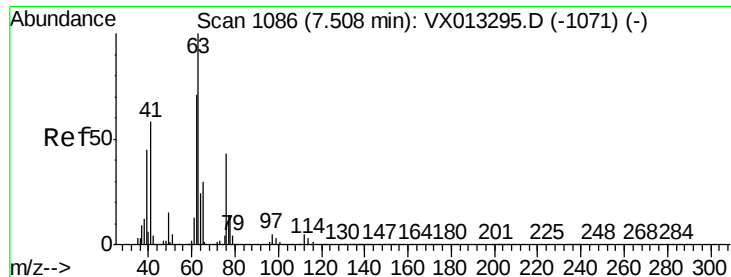


#44

Trichloroethene
 Concen: 20.163 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Tgt Ion	130	Resp	161884
Ion Ratio	Lower	Upper	
130	100		
95	89.7	0.0	184.8

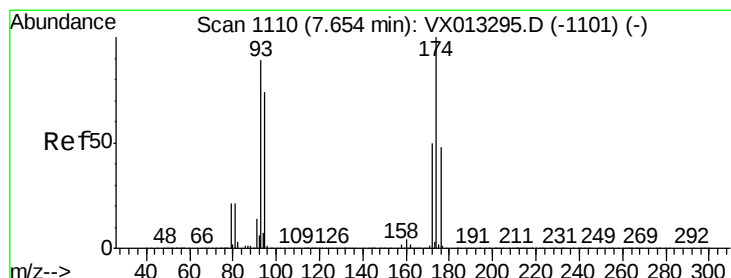
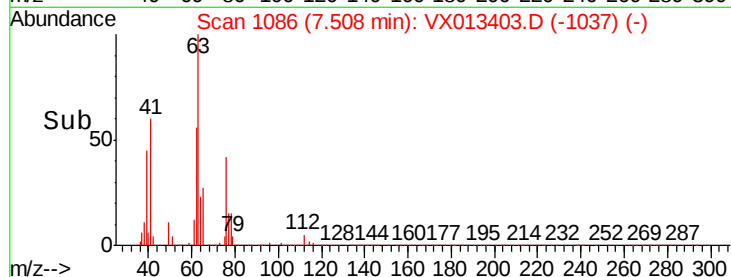
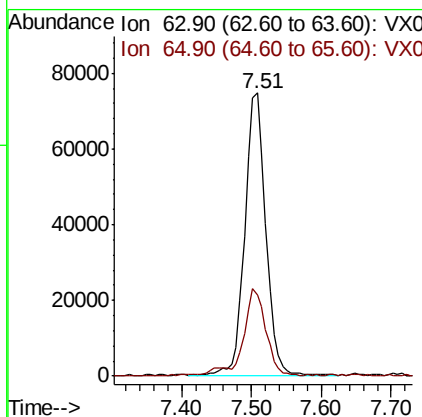
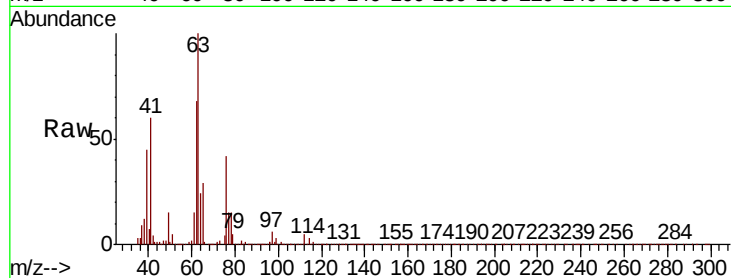




#45
 1,2-Dichloropropane
 Concen: 20.751 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

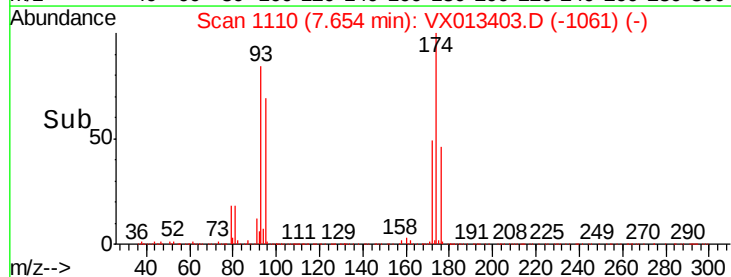
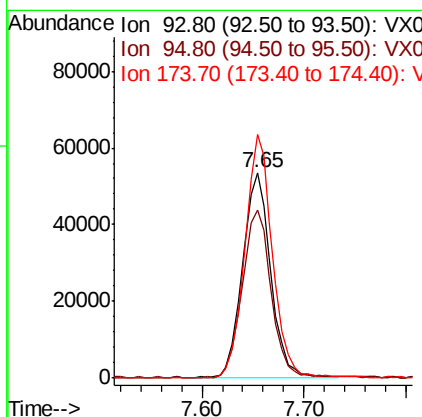
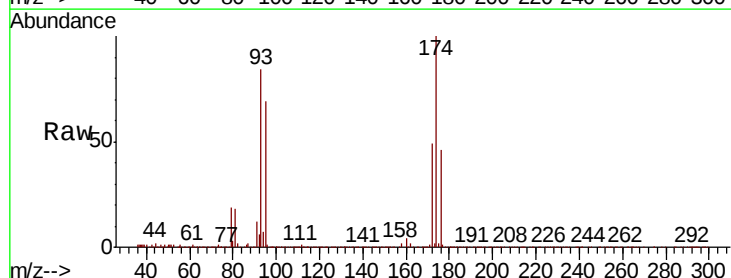
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

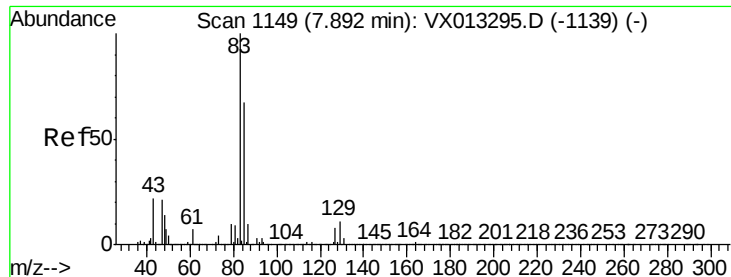
Tot Ion: 63 Resp: 154213
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.3 36.5



#46
 Dibromomethane
 Concen: 20.256 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Tgt Ion: 93 Resp: 102781
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.8 98.6
 174 116.0 90.4 135.6





#47

Bromodichloromethane

Concen: 20.828 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

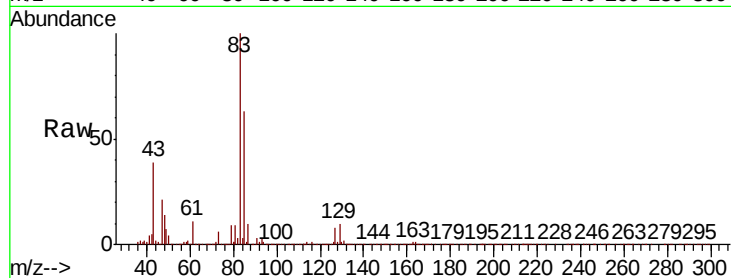
Tot Ion: 83 Resp: 199291

Ion Ratio Lower Upper

83 100

85 62.4 53.7 80.5

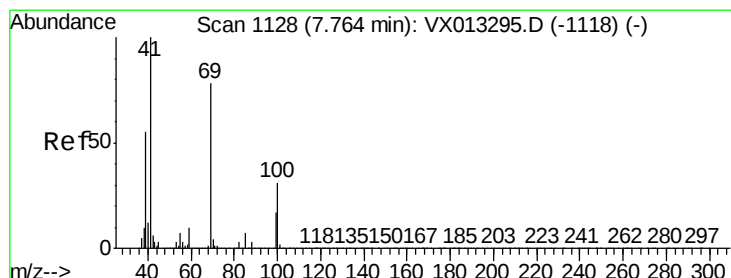
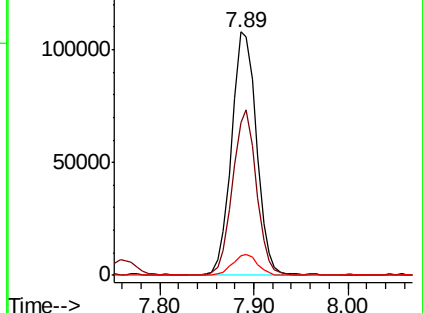
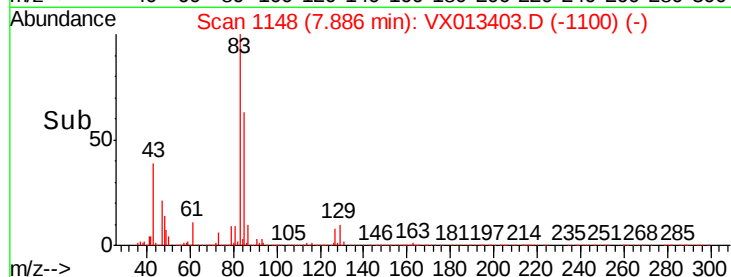
127 7.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.567 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

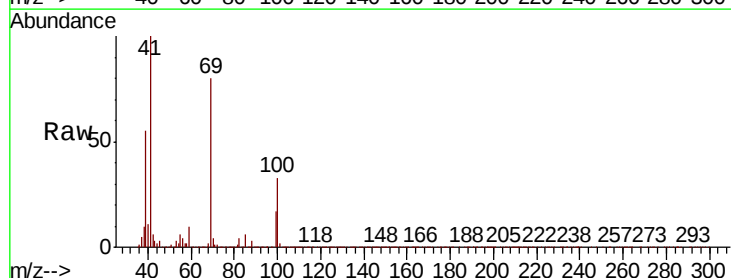
Tgt Ion: 41 Resp: 184971

Ion Ratio Lower Upper

41 100

69 79.8 63.0 94.6

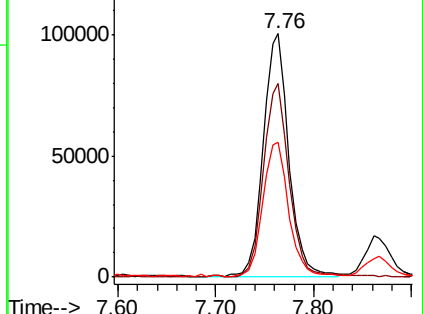
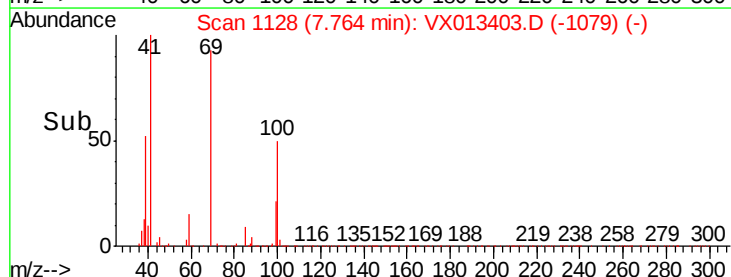
39 55.0 45.9 68.9

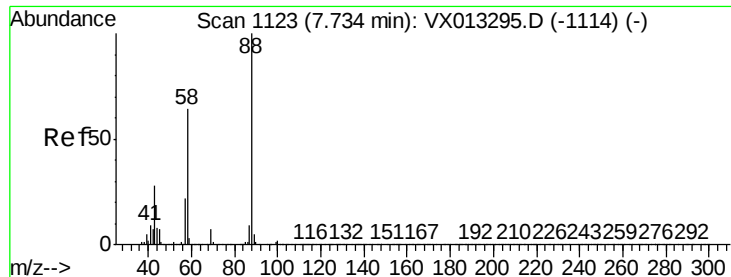


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 374.629 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

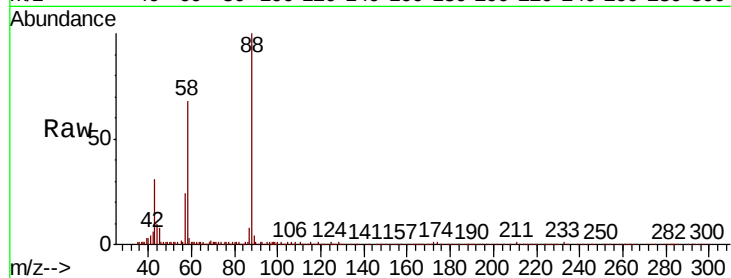
Tot Ion: 88 Resp: 77160

Ion Ratio Lower Upper

88 100

43 35.4 26.6 39.8

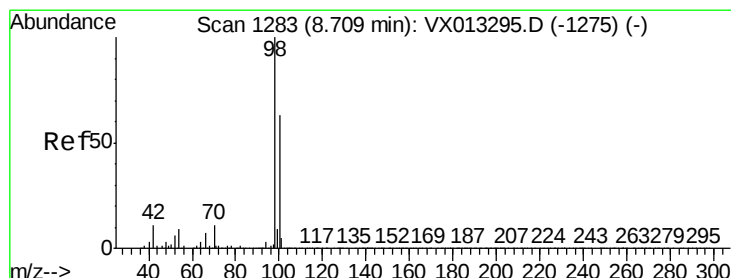
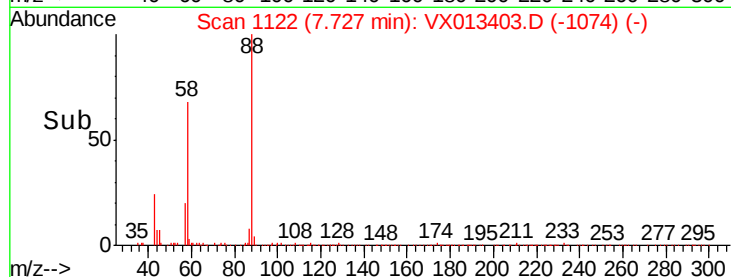
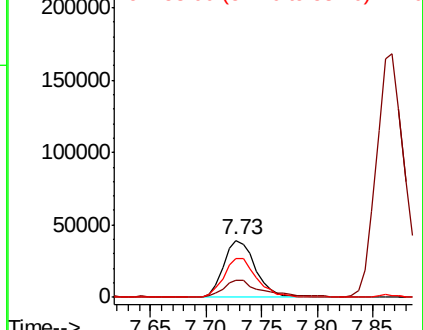
58 69.5 55.0 82.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.389 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013403.D

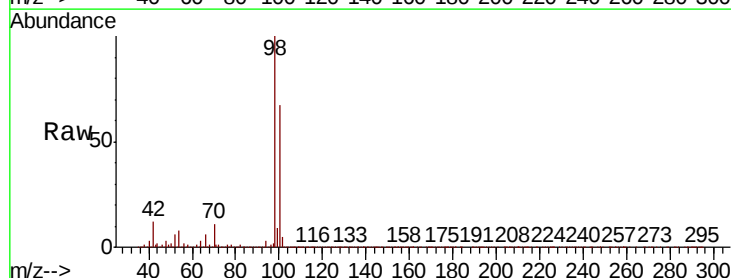
Acq: 13 Nov 2019 13:34

Tgt Ion: 98 Resp: 1300466

Ion Ratio Lower Upper

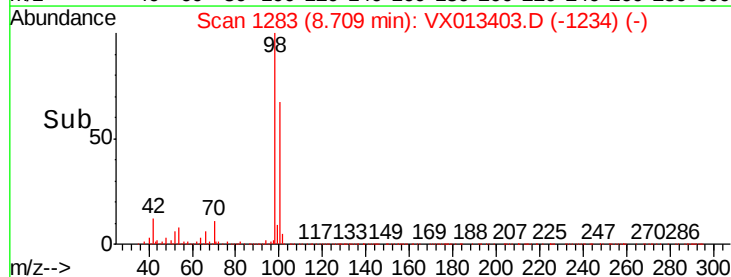
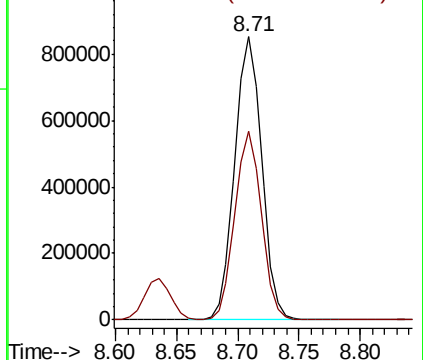
98 100

100 65.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 98.473 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

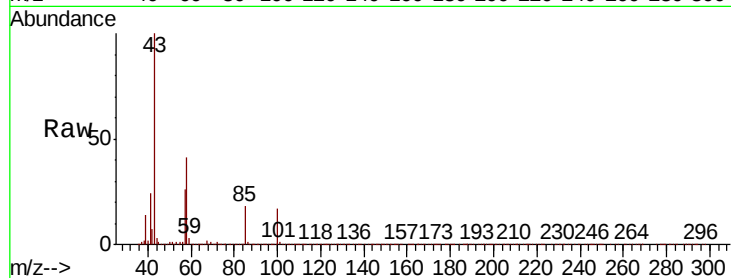
VX1113WBSD01

Tot Ion: 43 Resp: 1164015

Ion Ratio Lower Upper

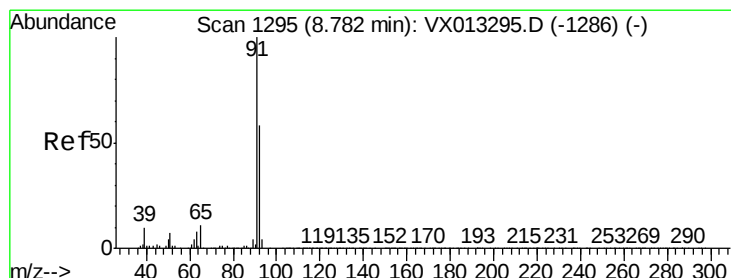
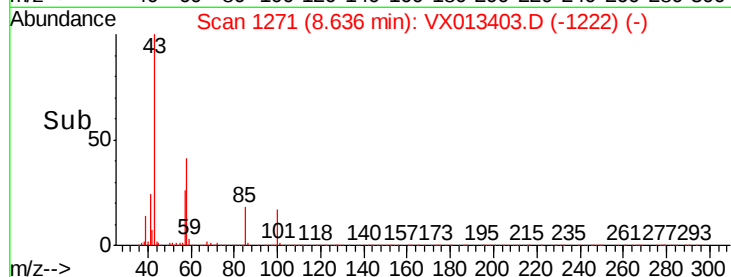
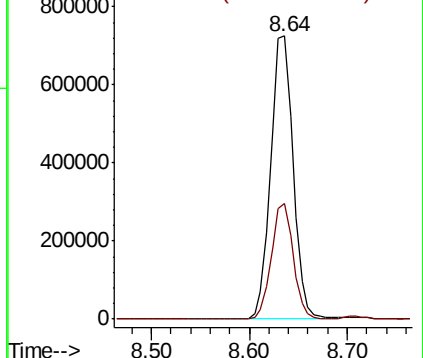
43 100

58 39.7 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.977 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013403.D

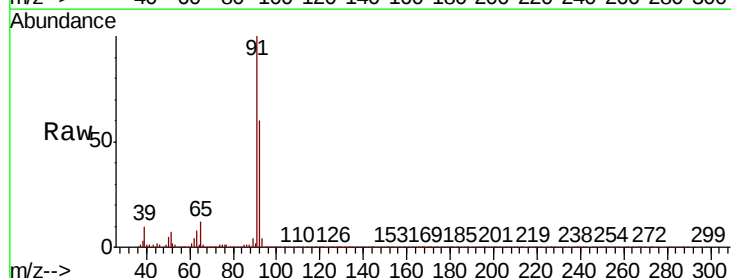
Acq: 13 Nov 2019 13:34

Tgt Ion: 92 Resp: 379212

Ion Ratio Lower Upper

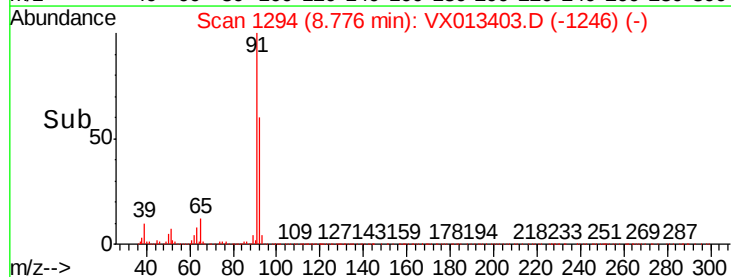
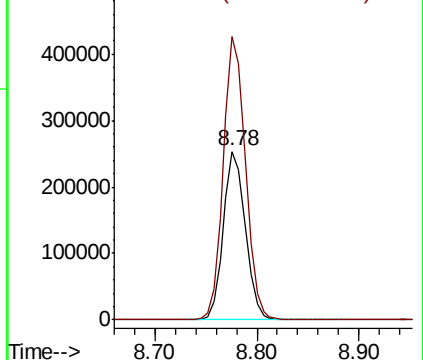
92 100

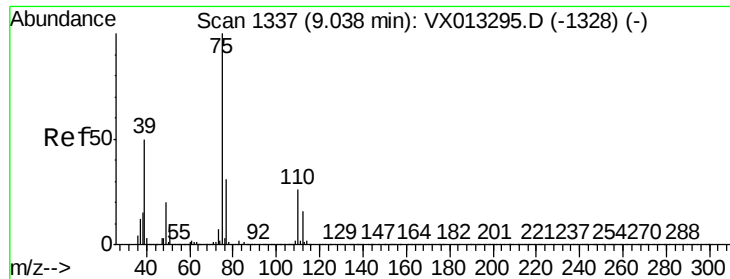
91 169.6 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

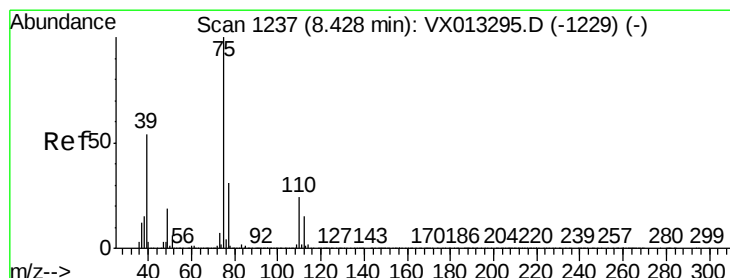
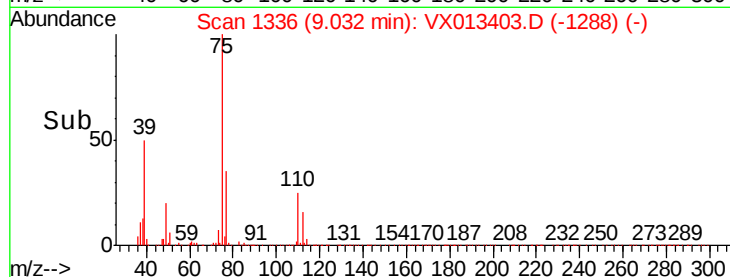
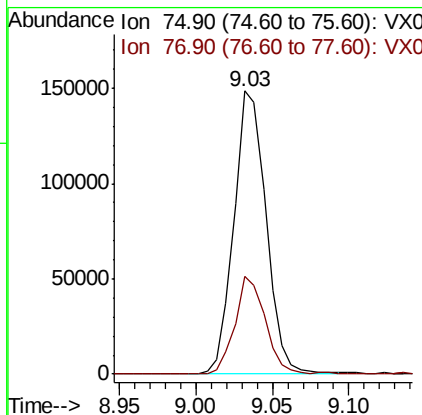
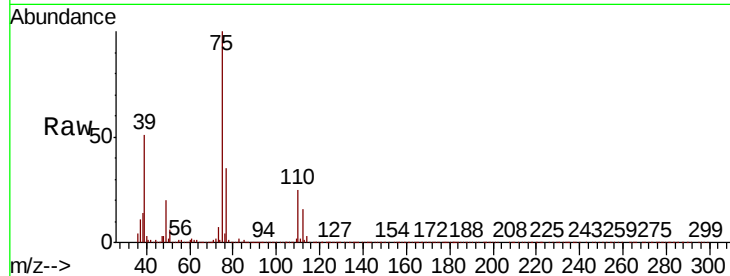




#53
t-1,3-Dichloropropene
Concen: 20.723 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

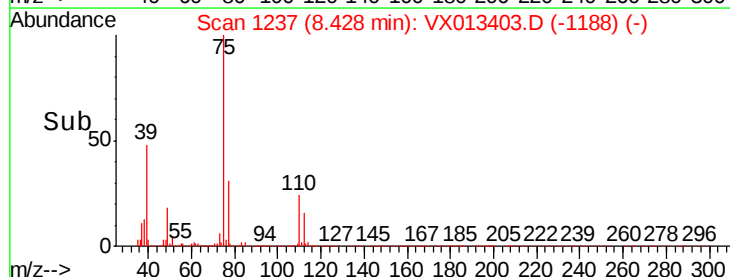
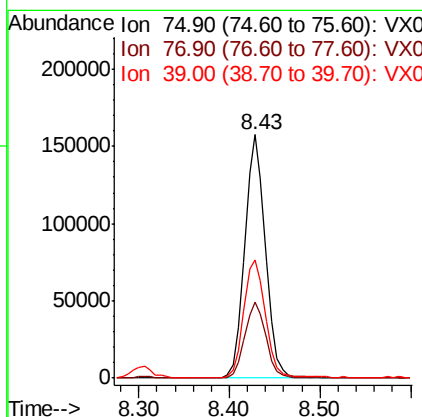
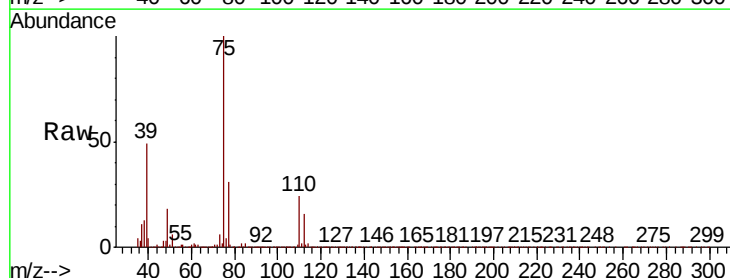
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

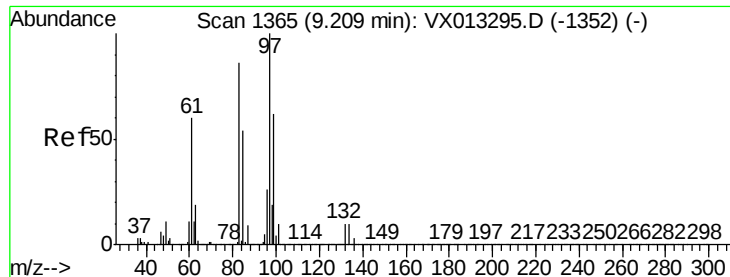
Tot Ion: 75 Resp: 216818
Ion Ratio Lower Upper
75 100
77 34.6 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 21.105 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion: 75 Resp: 247014
Ion Ratio Lower Upper
75 100
77 31.2 24.7 37.1
39 48.4 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 21.153 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tot Ion: 97 Resp: 158501

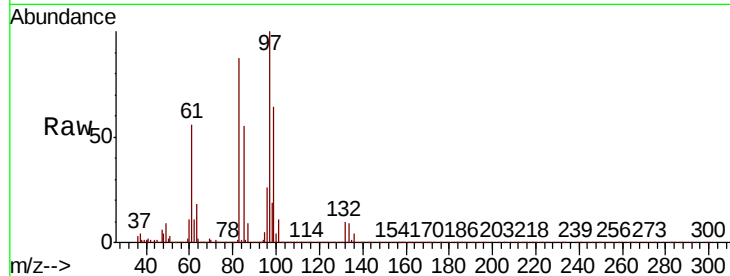
Ion Ratio Lower Upper

97 100

83 86.2 68.6 103.0

85 55.1 43.1 64.7

99 63.5 49.4 74.0

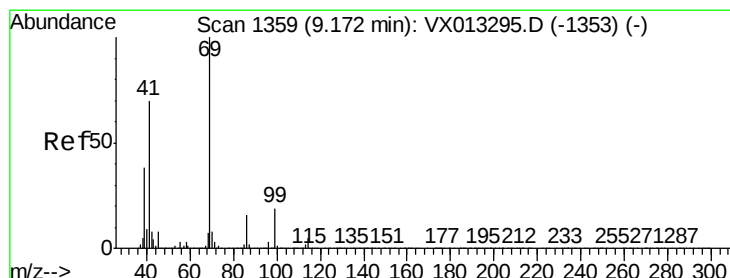
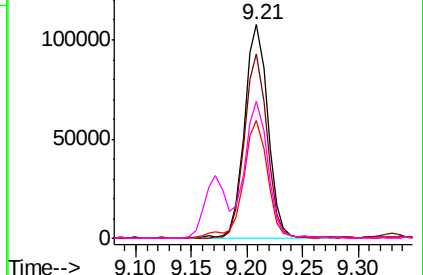
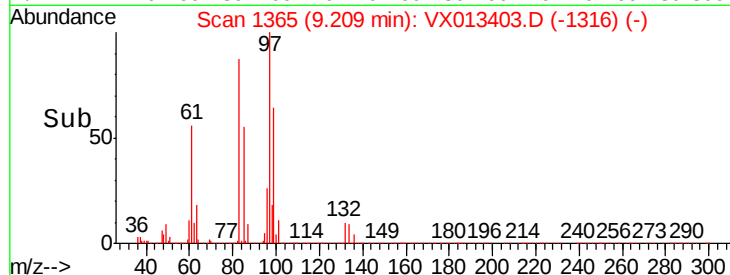


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.957 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

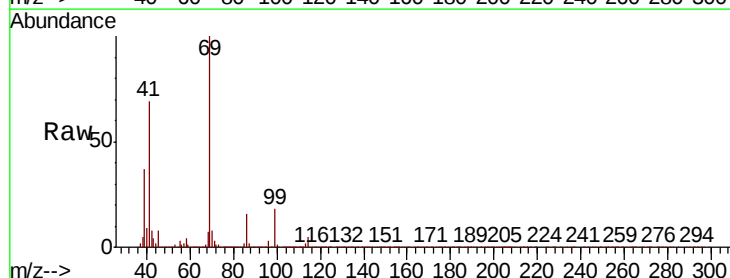
Tgt Ion: 69 Resp: 242888

Ion Ratio Lower Upper

69 100

41 68.2 56.2 84.2

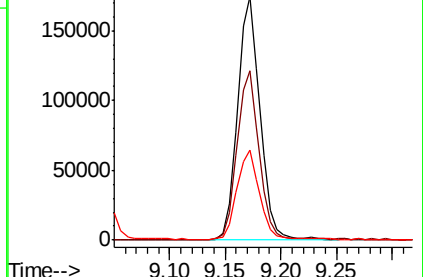
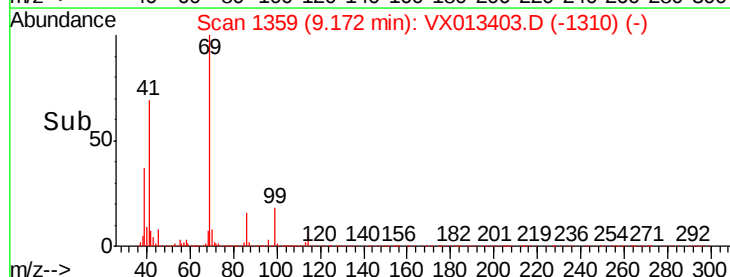
39 36.7 31.1 46.7

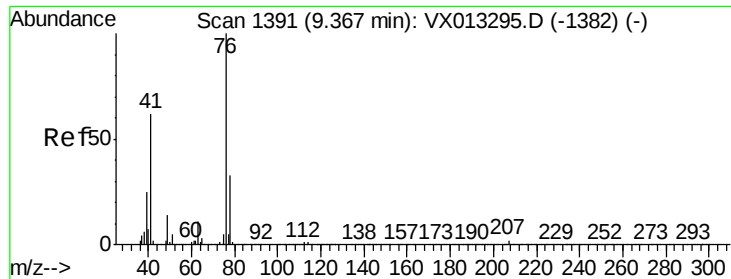


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.541 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

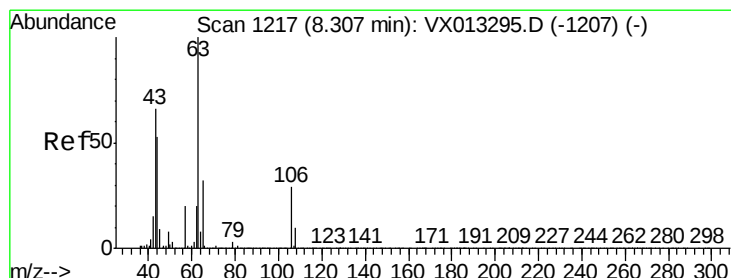
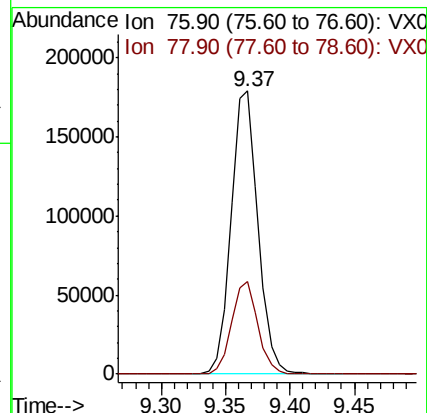
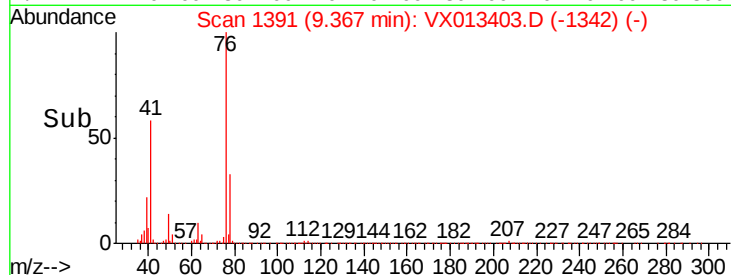
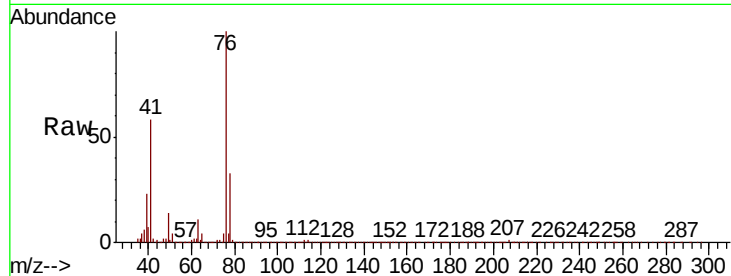
VX1113WBSD01

Tot Ion: 76 Resp: 261279

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 98.093 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013403.D

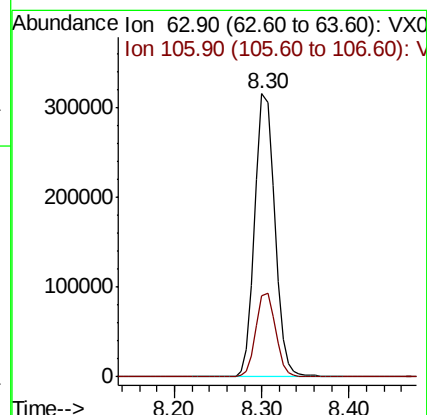
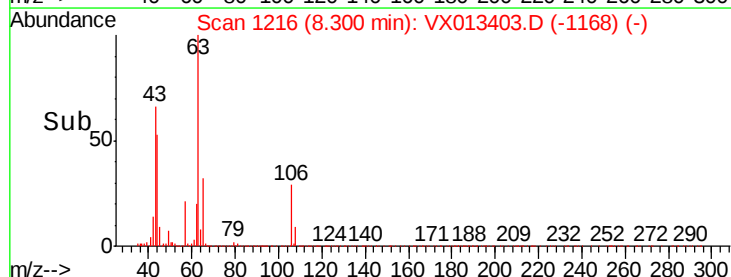
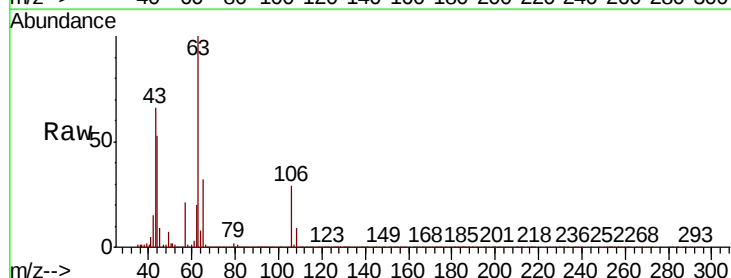
Acq: 13 Nov 2019 13:34

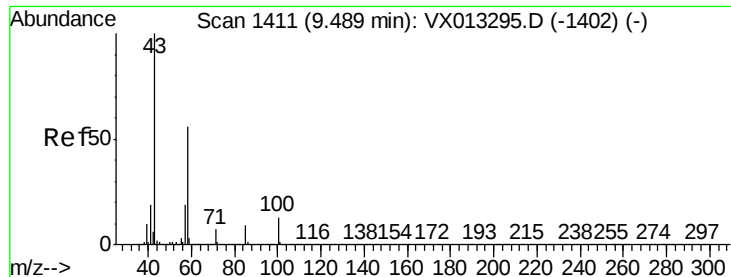
Tgt Ion: 63 Resp: 502564

Ion Ratio Lower Upper

63 100

106 29.5 23.4 35.2

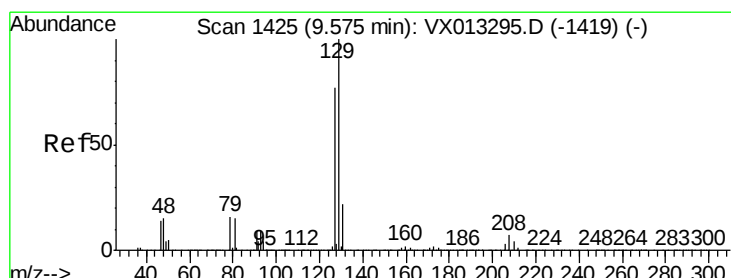
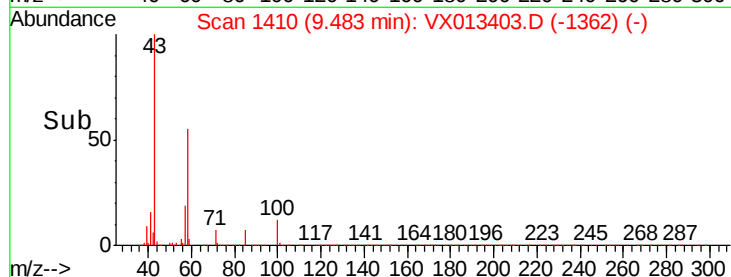
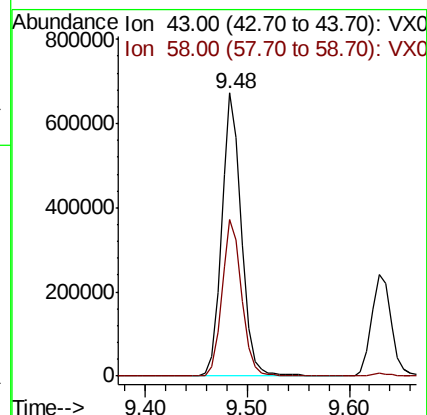
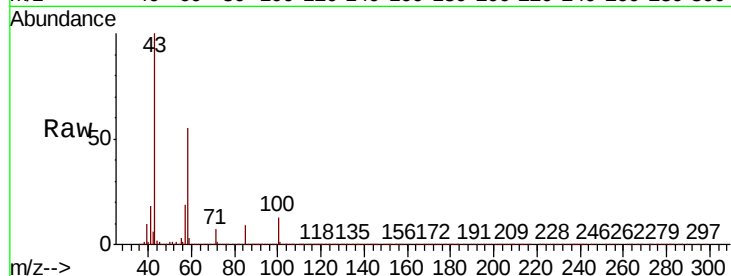




#59
2-Hexanone
Concen: 99.251 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

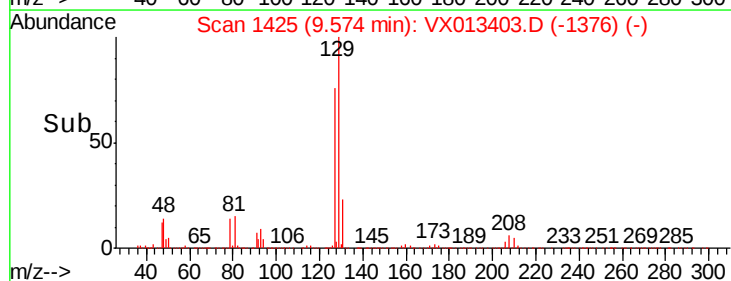
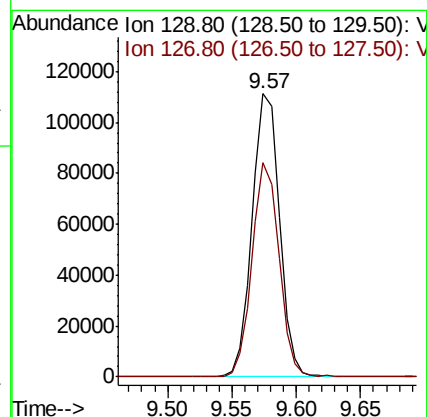
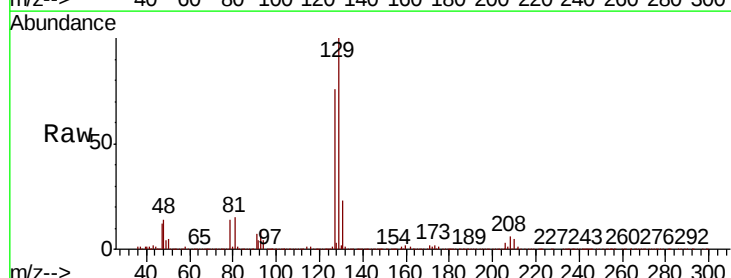
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

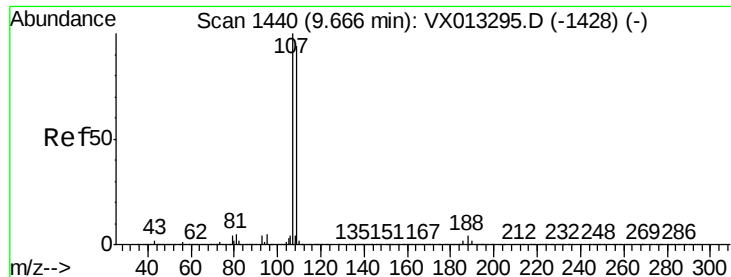
Tot Ion: 43 Resp: 906631
Ion Ratio Lower Upper
43 100
58 55.6 27.3 81.8



#60
Dibromochloromethane
Concen: 21.133 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion: 129 Resp: 161951
Ion Ratio Lower Upper
129 100
127 74.5 39.1 117.2

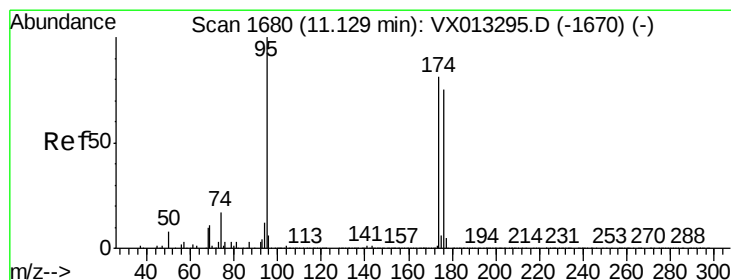
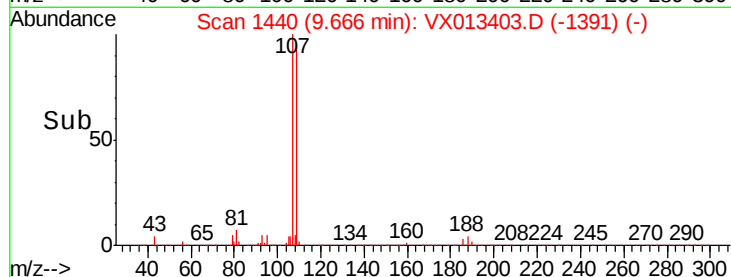
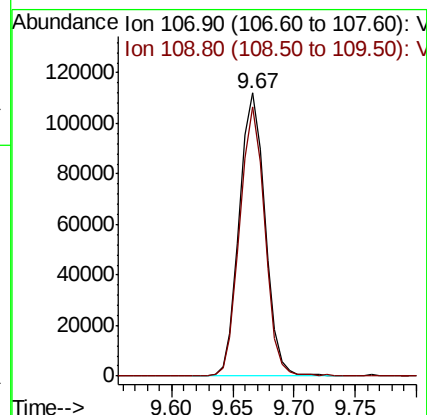
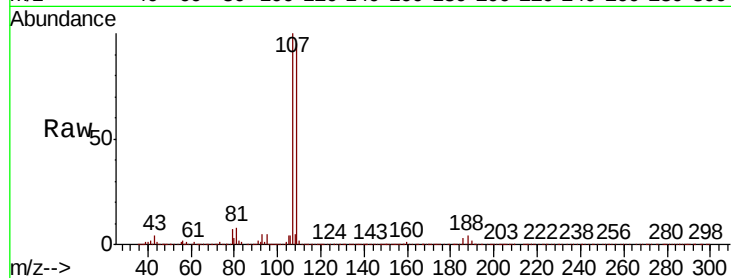




#61
 1,2-Dibromoethane
 Concen: 20.443 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

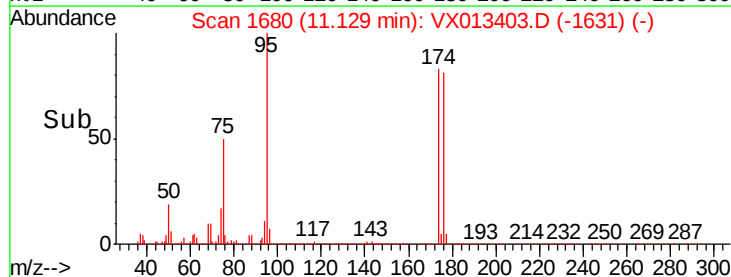
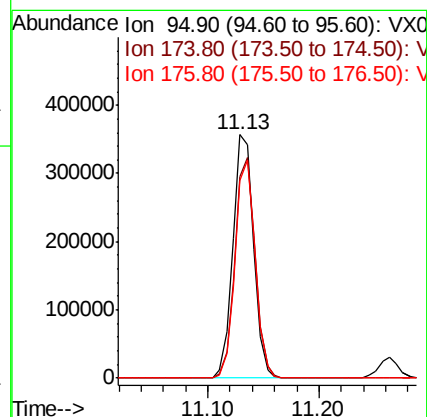
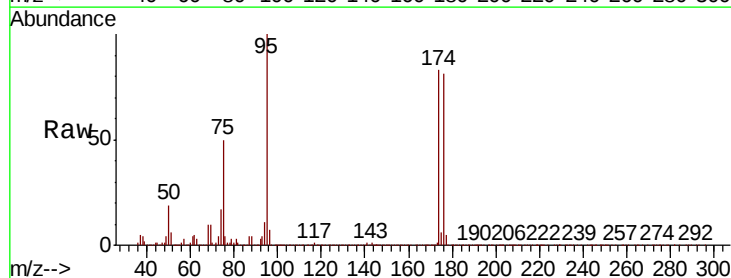
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

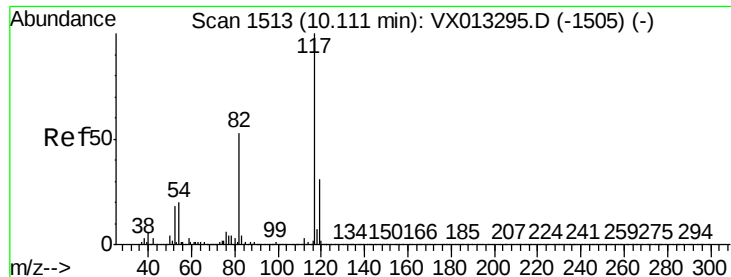
Tot Ion: 107 Resp: 162655
 Ion Ratio Lower Upper
 107 100
 109 92.5 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.166 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Tgt Ion: 95 Resp: 457955
 Ion Ratio Lower Upper
 95 100
 174 89.0 0.0 179.8
 176 87.2 0.0 173.0

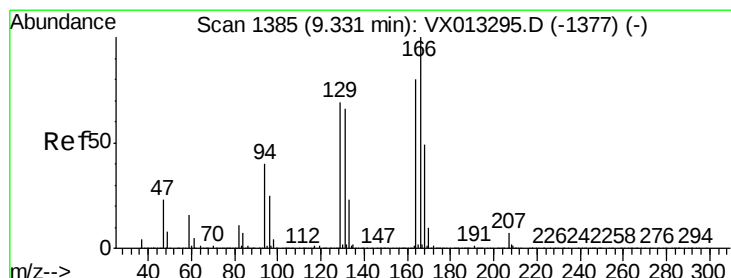
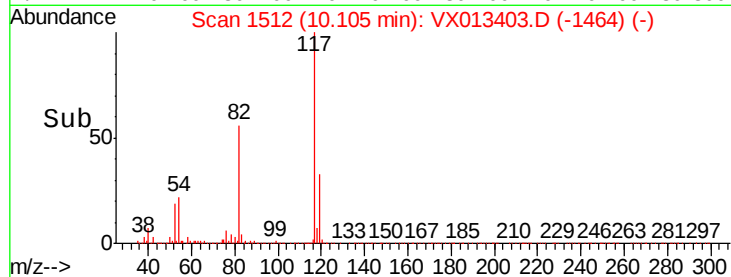
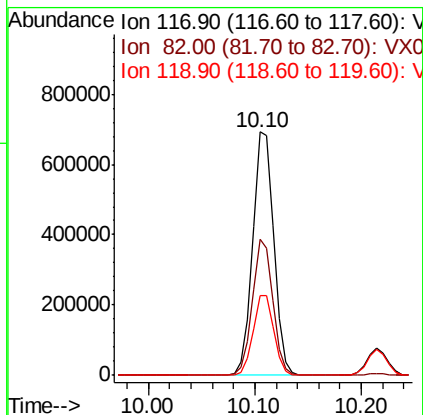
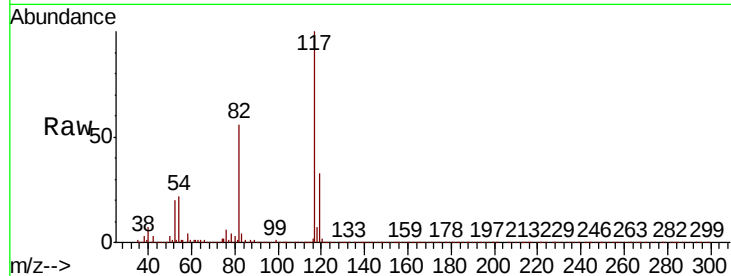




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

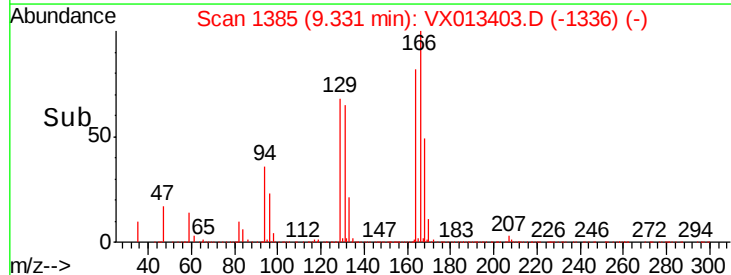
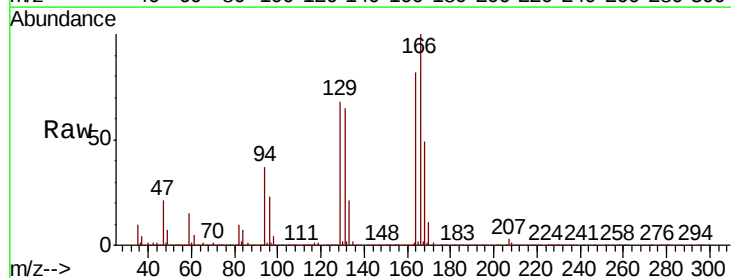
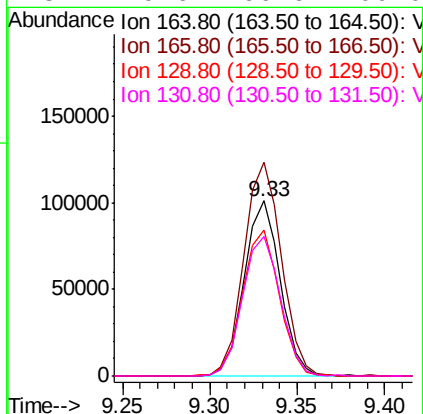
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

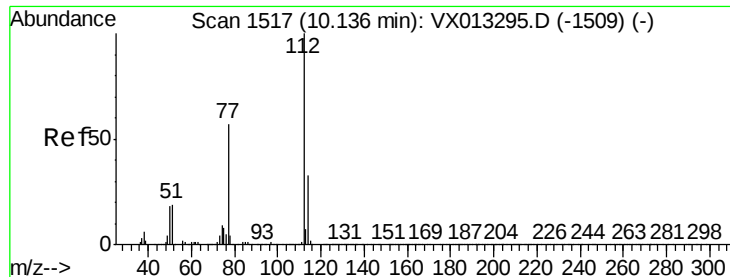
Tot Ion:117 Resp: 965029
Ion Ratio Lower Upper
117 100
82 56.0 42.6 64.0
119 32.8 24.8 37.2



#64
Tetrachloroethene
Concen: 20.895 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion:164 Resp: 144353
Ion Ratio Lower Upper
164 100
166 122.2 100.4 150.6
129 83.6 69.4 104.2
131 79.6 66.6 100.0





#65

Chlorobenzene

Concen: 20.739 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

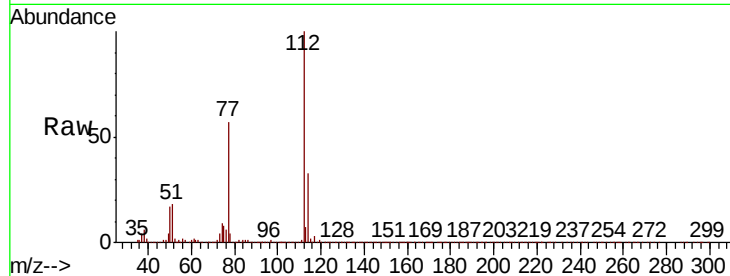
VX1113WBSD01

Tot Ion:112 Resp: 405181

Ion Ratio Lower Upper

112 100

114 32.6 26.4 39.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

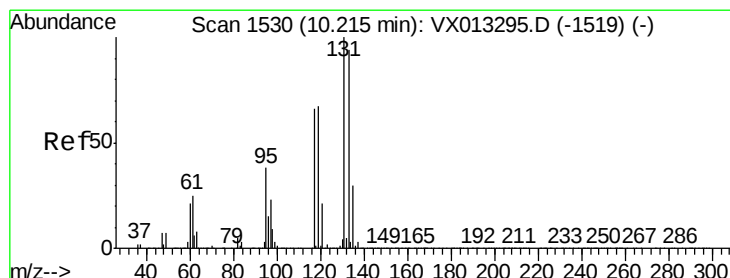
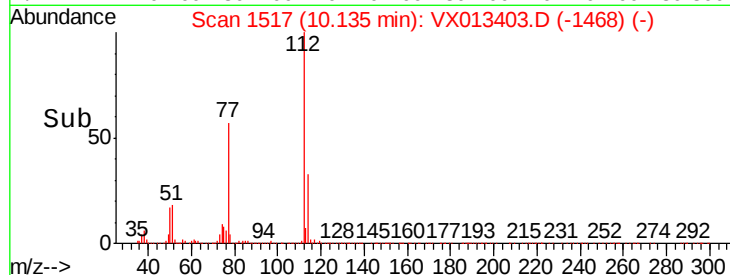
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.479 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

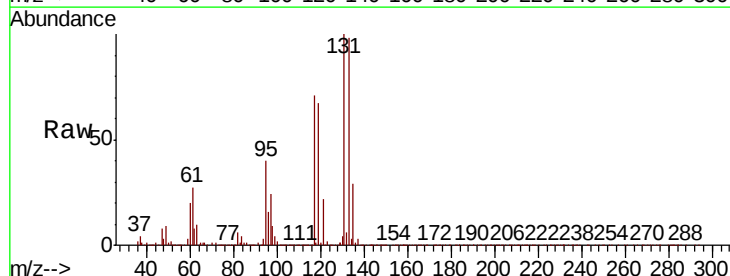
Tgt Ion:131 Resp: 146911

Ion Ratio Lower Upper

131 100

133 98.0 48.0 144.0

119 66.7 33.0 99.0



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

10.21

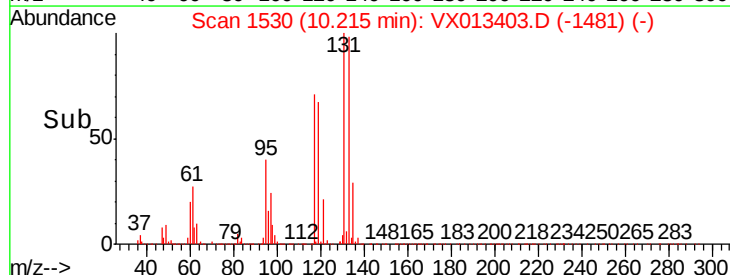
150000

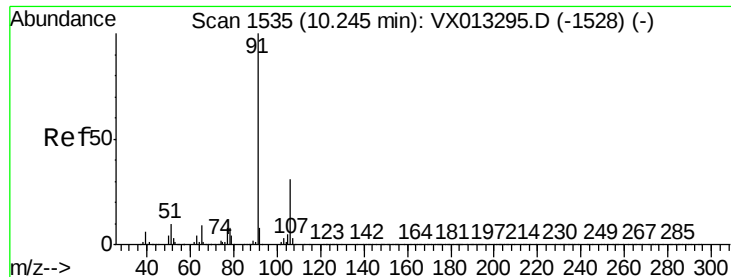
100000

50000

0

Time-->

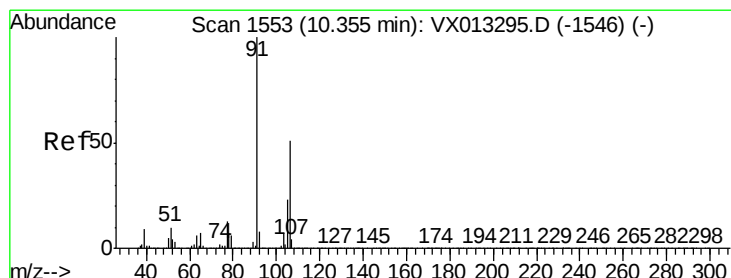
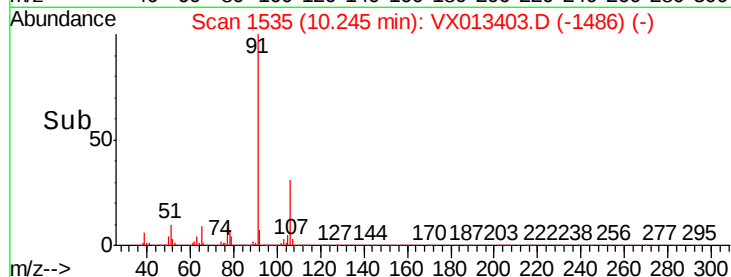
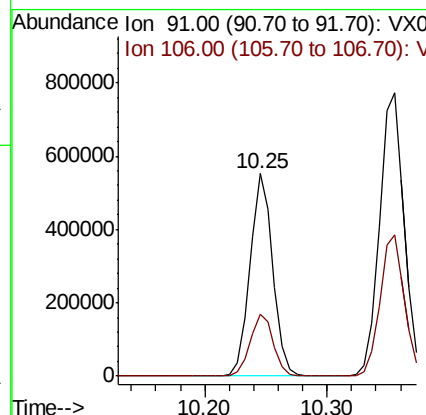
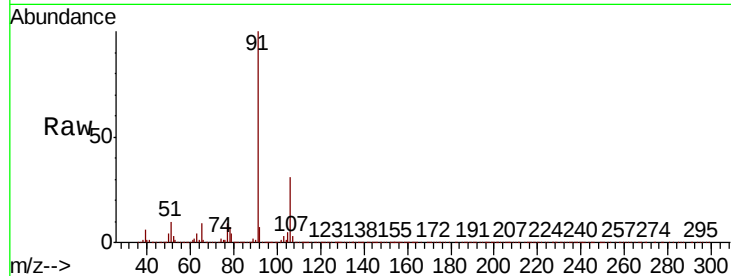




#67
Ethyl Benzene
Concen: 21.140 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

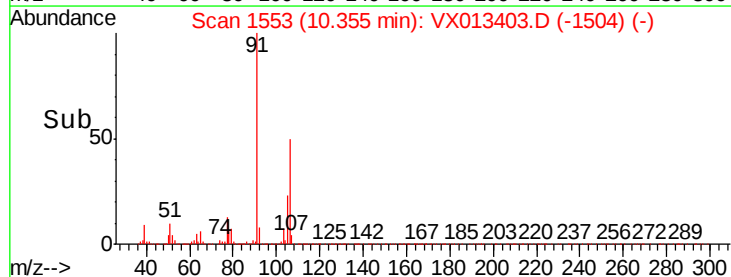
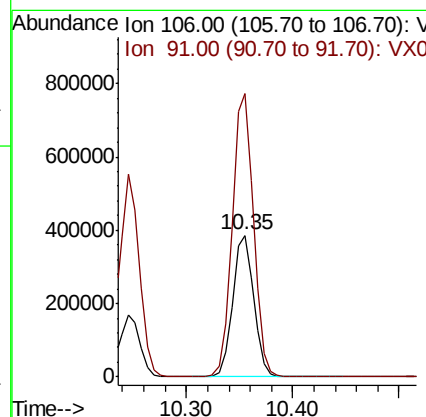
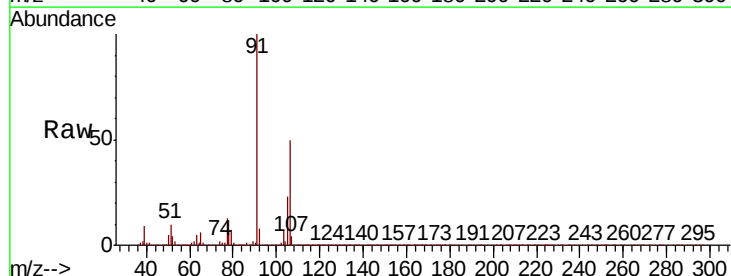
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

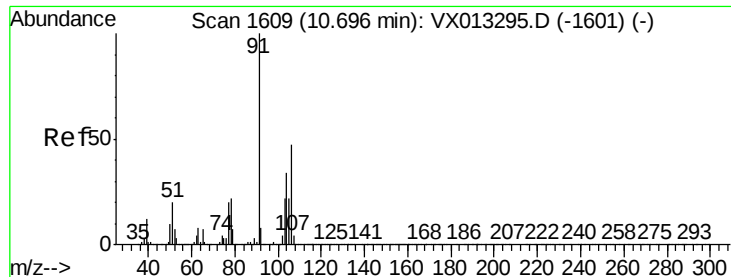
Tot Ion: 91 Resp: 712840
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8



#68
m/p-Xylenes
Concen: 42.054 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion: 106 Resp: 536286
Ion Ratio Lower Upper
106 100
91 200.9 159.3 238.9

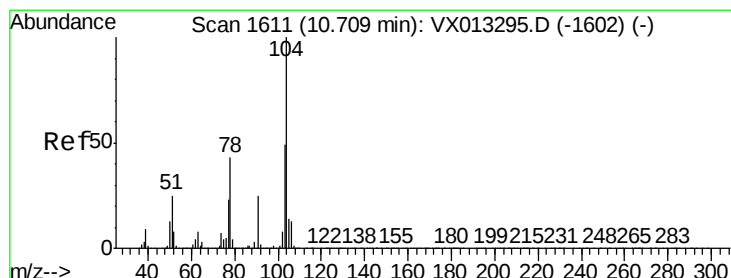
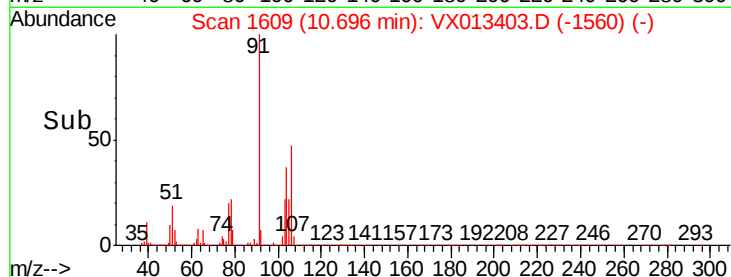
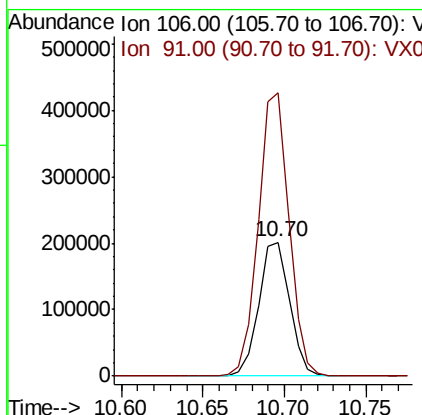
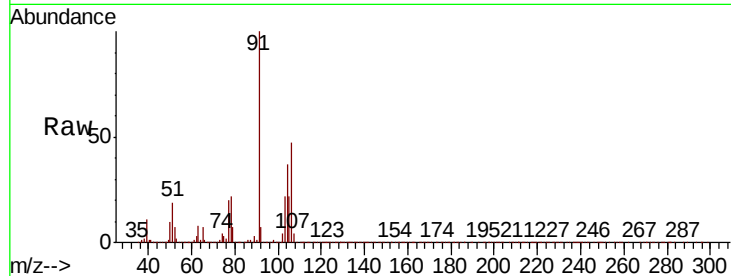




#69
o-Xylene
Concen: 21.227 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

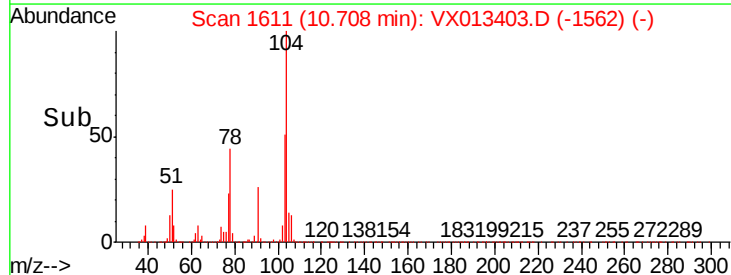
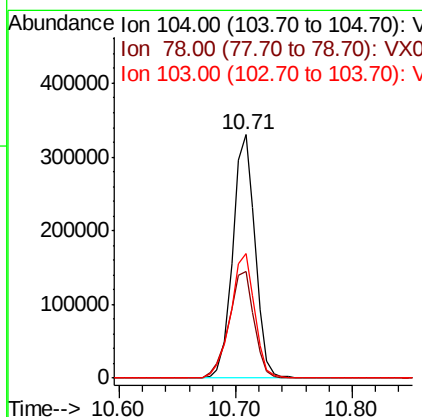
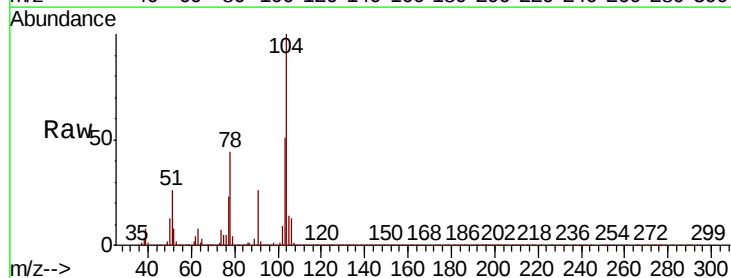
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

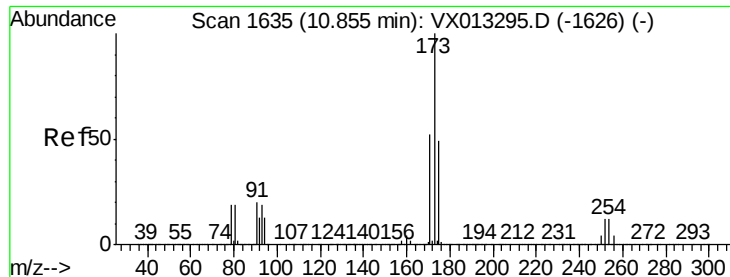
Tot Ion:106 Resp: 265025
Ion Ratio Lower Upper
106 100
91 210.4 105.7 317.0



#70
Styrene
Concen: 21.156 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion:104 Resp: 441531
Ion Ratio Lower Upper
104 100
78 49.3 40.0 60.0
103 54.8 44.1 66.1





#71

Bromoform

Concen: 20.143 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

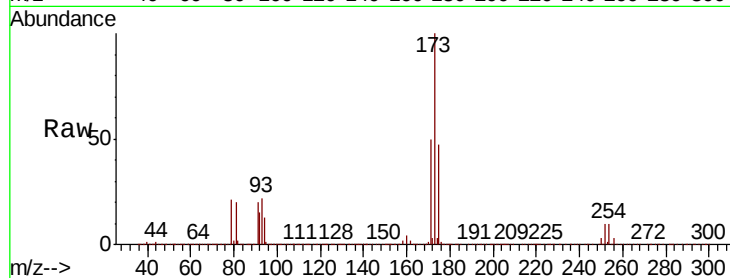
Tot Ion:173 Resp: 120388

Ion Ratio Lower Upper

173 100

175 47.8 24.8 74.4

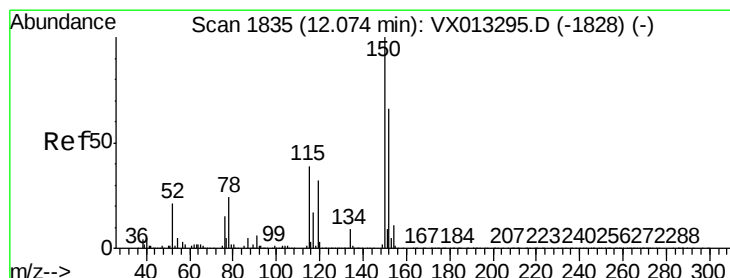
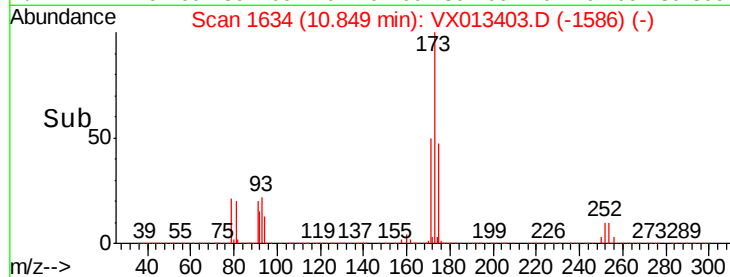
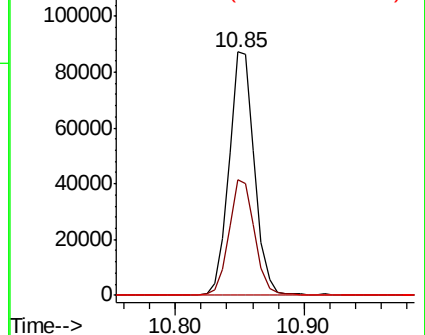
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

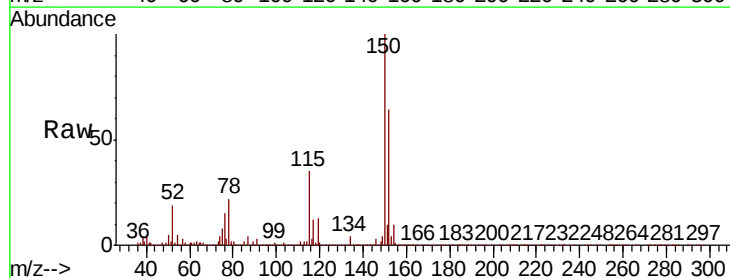
Tgt Ion:152 Resp: 479788

Ion Ratio Lower Upper

152 100

115 64.7 39.5 118.3

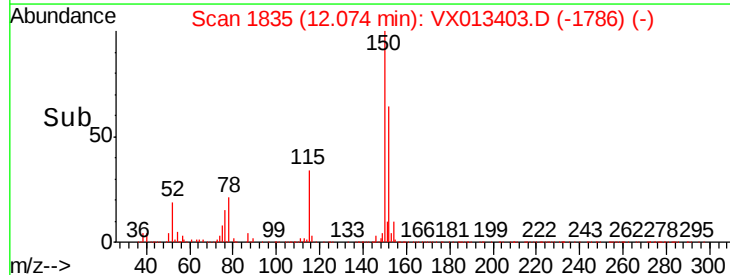
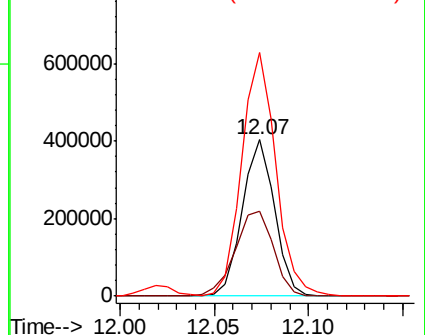
150 164.2 0.0 344.4

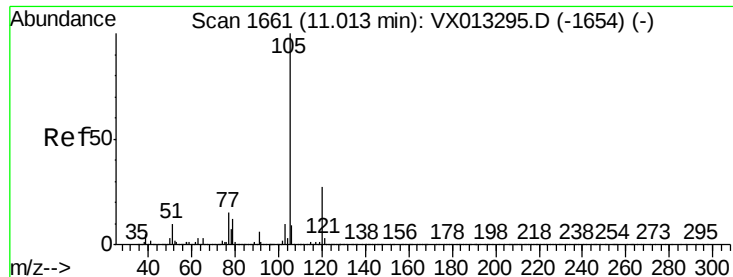


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.202 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

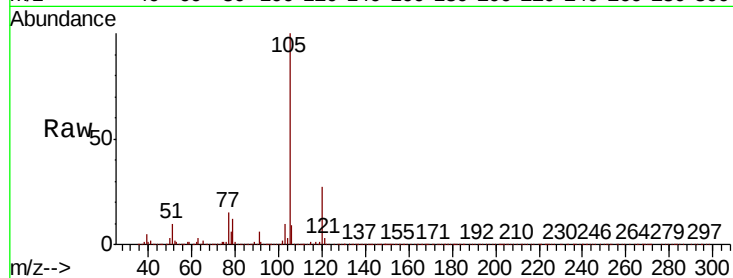
VX1113WBSD01

Tot Ion:105 Resp: 706272

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

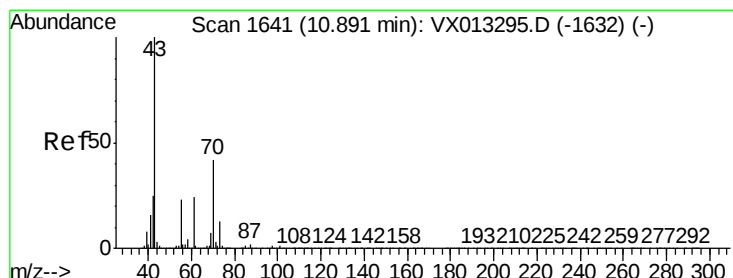
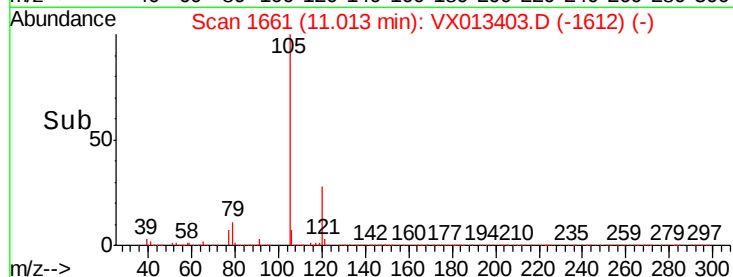
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 21.612 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Tgt Ion: 43 Resp: 318812

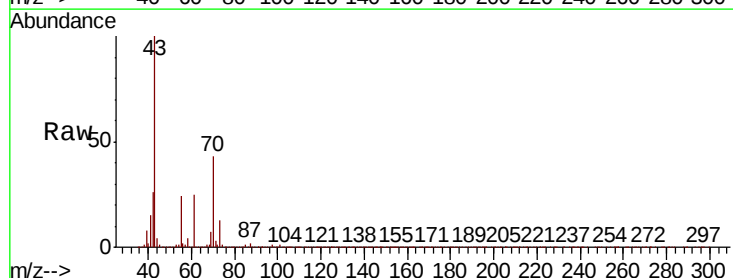
Ion Ratio Lower Upper

43 100

70 44.2 34.1 51.1

55 24.9 18.9 28.3

61 25.2 19.2 28.8



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

400000

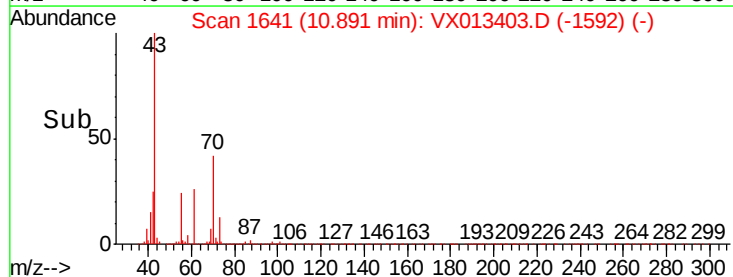
300000

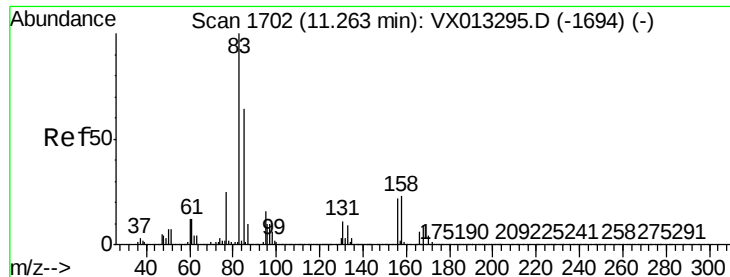
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.138 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

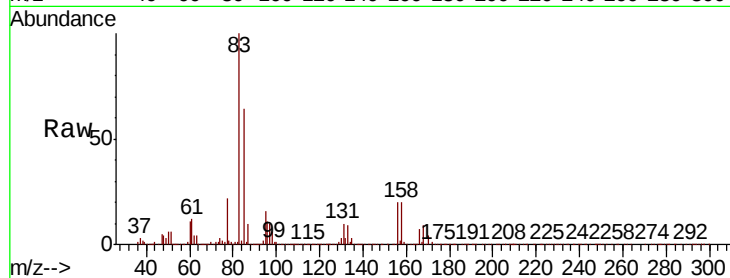
Tot Ion: 83 Resp: 245304

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

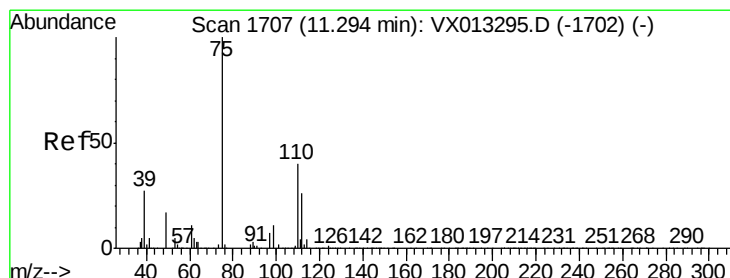
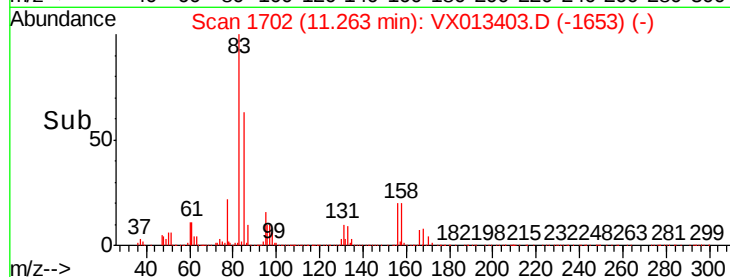
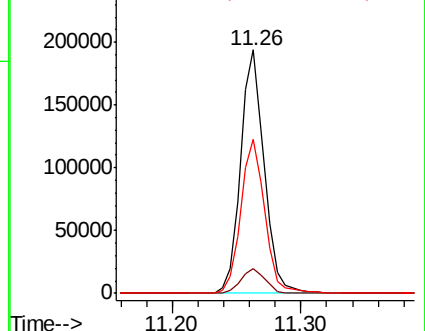
85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.709 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013403.D

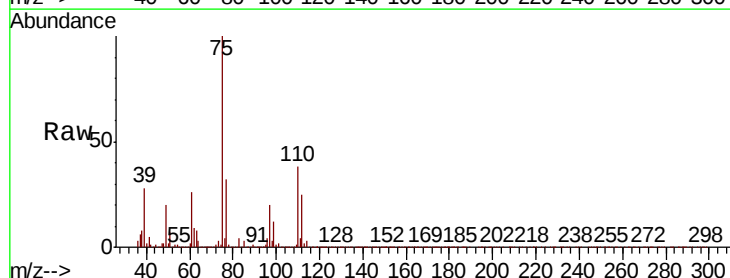
Acq: 13 Nov 2019 13:34

Tgt Ion: 75 Resp: 270024

Ion Ratio Lower Upper

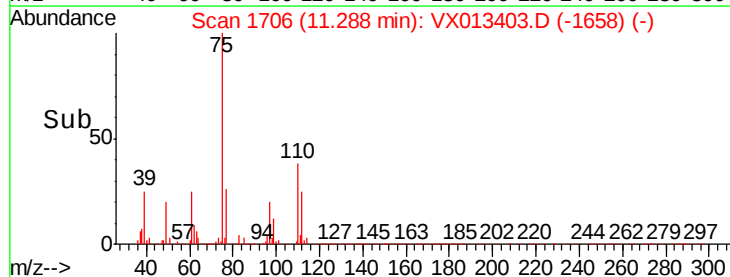
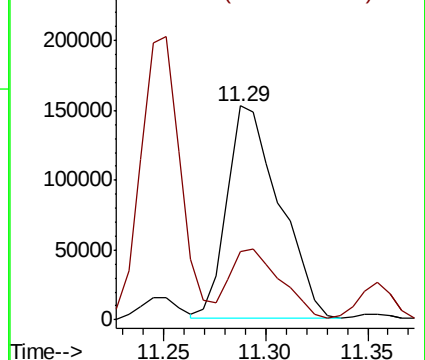
75 100

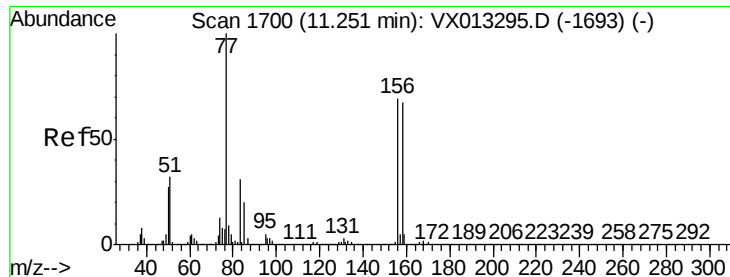
77 32.0 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.517 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

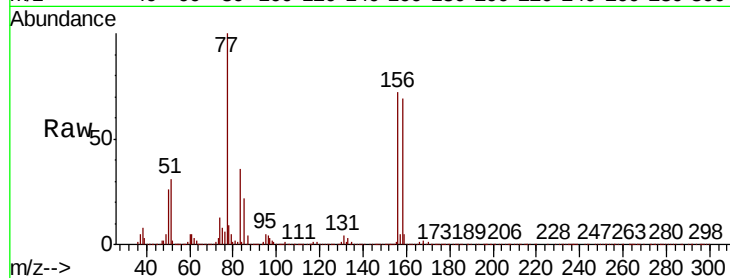
Tot Ion:156 Resp: 182469

Ion Ratio Lower Upper

156 100

77 150.0 75.8 227.4

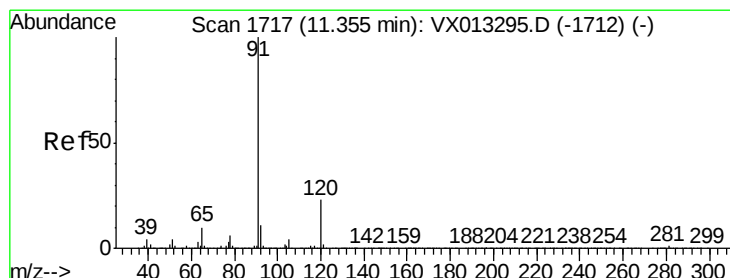
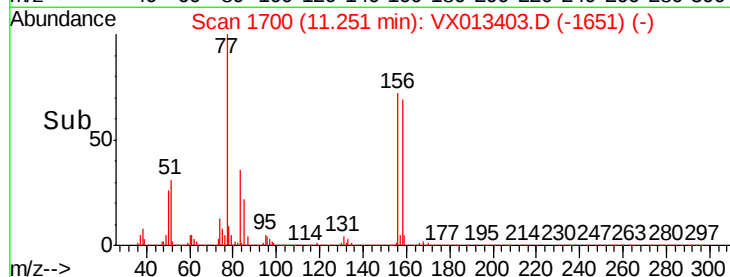
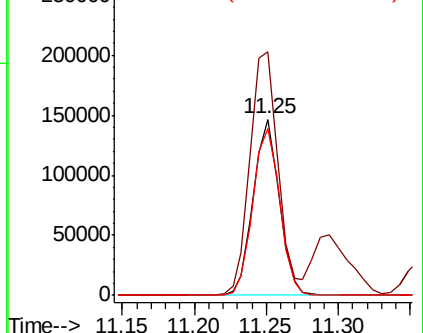
158 98.1 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.133 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013403.D

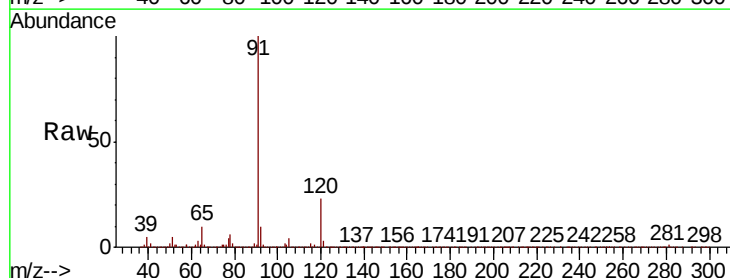
Acq: 13 Nov 2019 13:34

Tgt Ion: 91 Resp: 784276

Ion Ratio Lower Upper

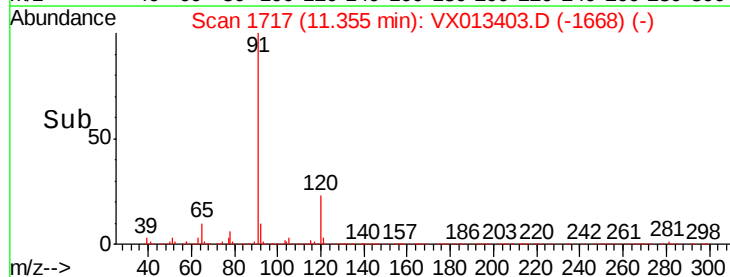
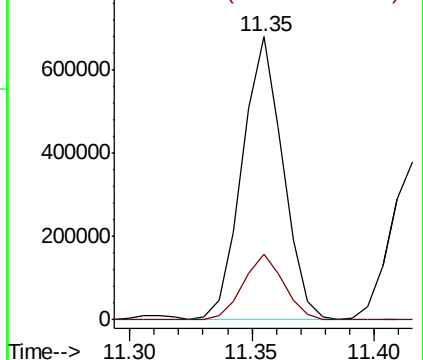
91 100

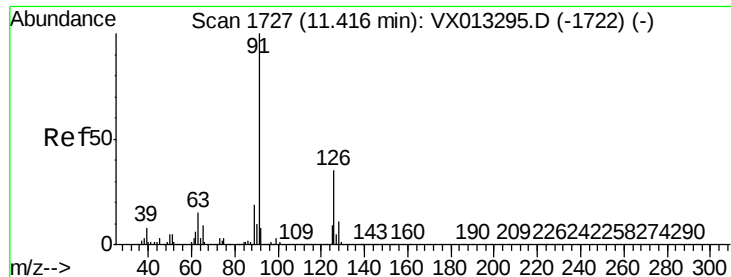
120 23.3 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.814 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

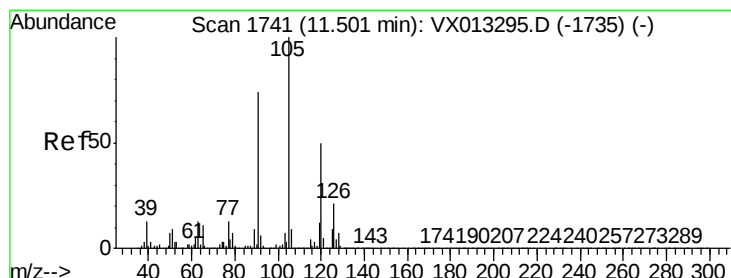
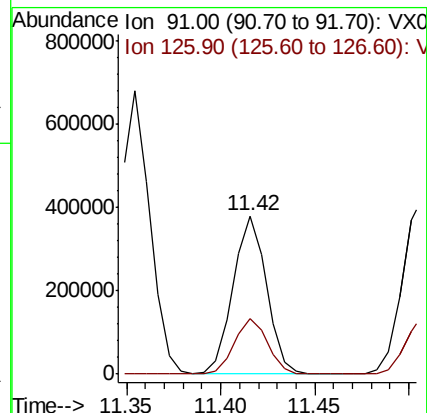
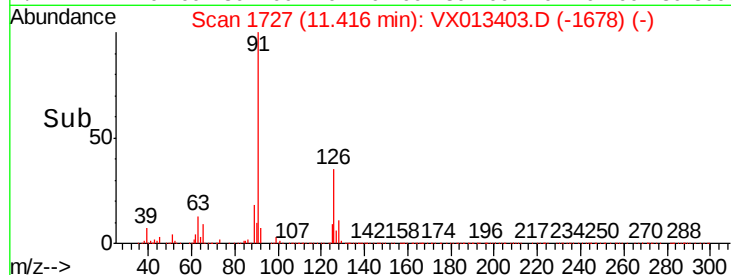
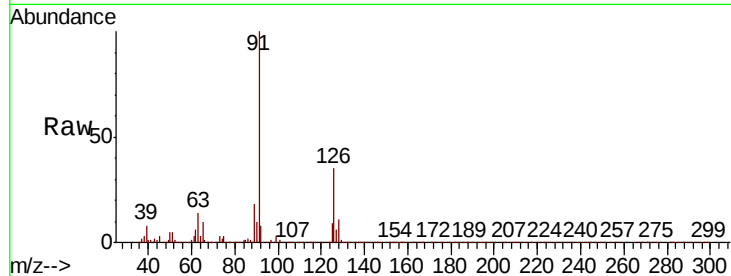
VX1113WBSD01

Tot Ion: 91 Resp: 465727

Ion Ratio Lower Upper

91 100

126 35.0 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 22.181 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013403.D

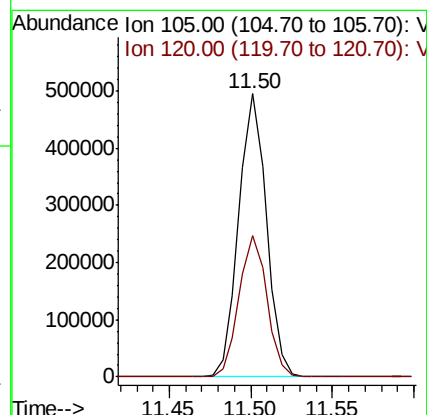
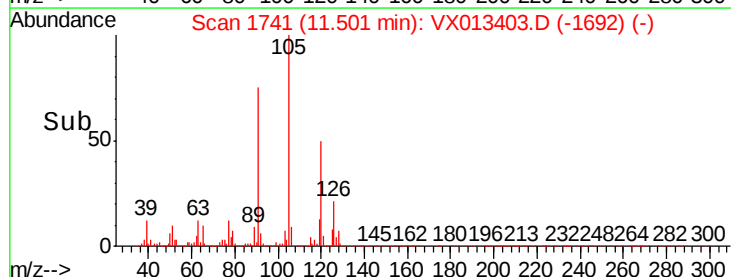
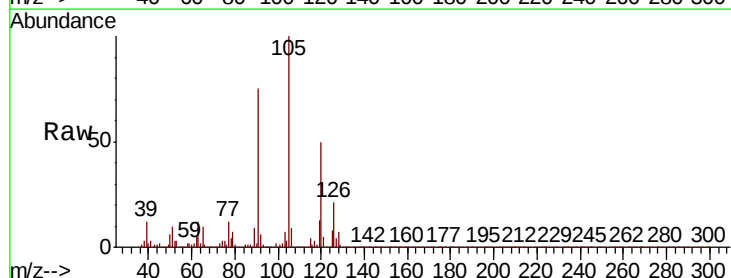
Acq: 13 Nov 2019 13:34

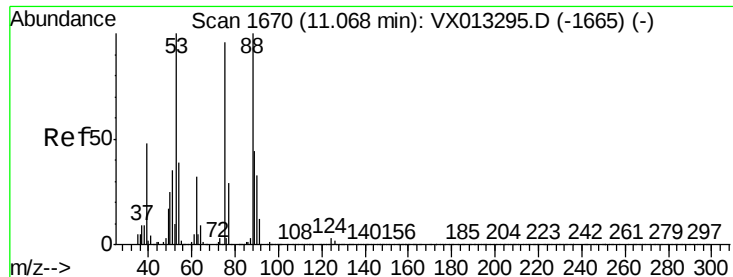
Tgt Ion: 105 Resp: 587711

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.8

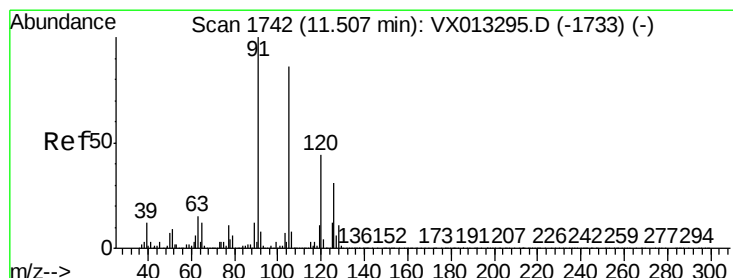
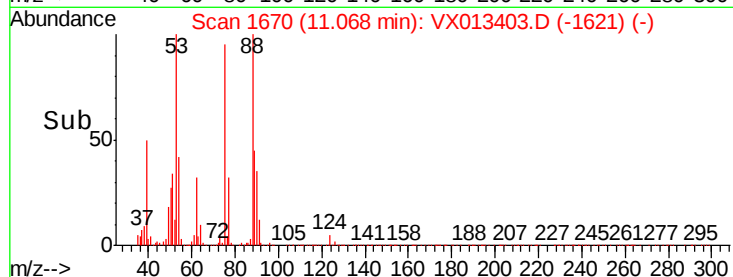
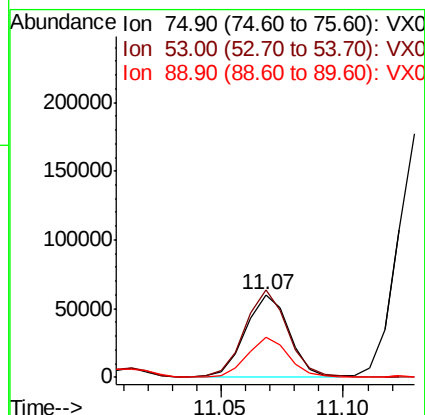
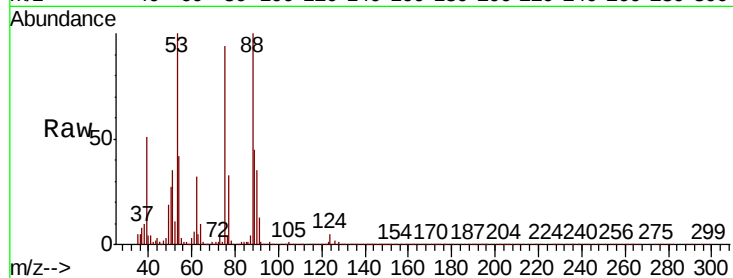




#81
trans-1,4-Dichloro-2-butene
Concen: 19.363 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

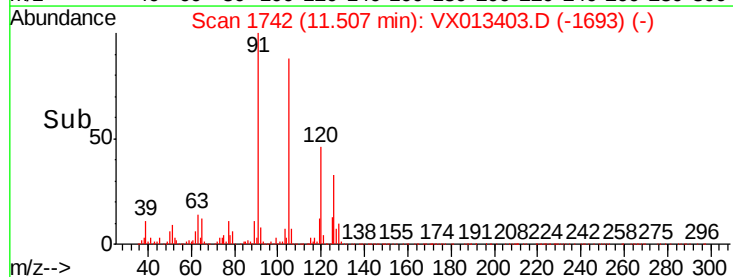
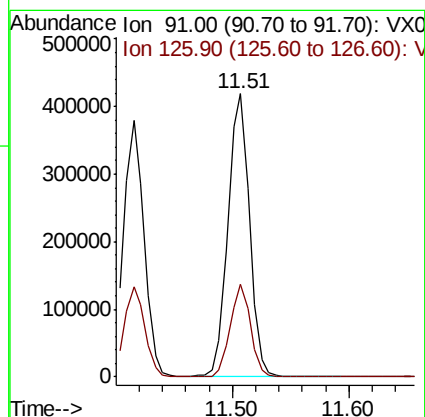
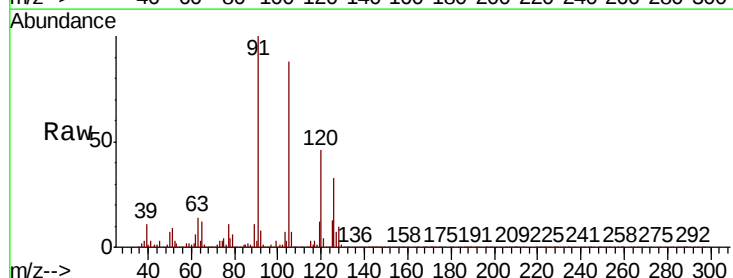
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion: 75 Resp: 73307
Ion Ratio Lower Upper
75 100
53 105.3 81.0 121.6
89 46.3 36.0 54.0



#82
4-Chlorotoluene
Concen: 21.364 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion: 91 Resp: 533929
Ion Ratio Lower Upper
91 100
126 31.0 15.3 45.8





#83

tert-Butylbenzene

Concen: 22.375 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

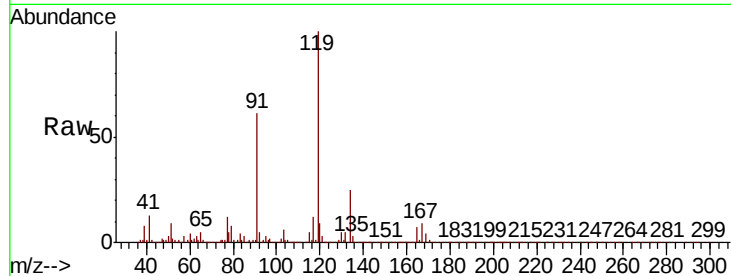
Tot Ion:119 Resp: 596794

Ion Ratio Lower Upper

119 100

91 54.4 26.9 80.7

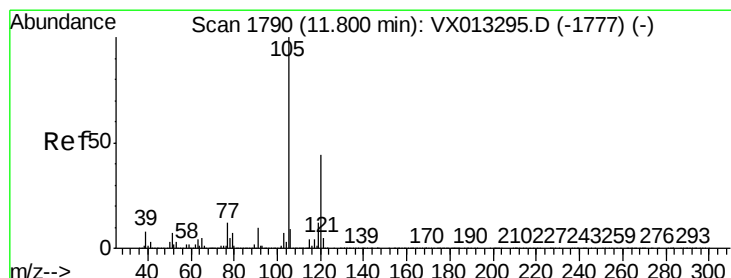
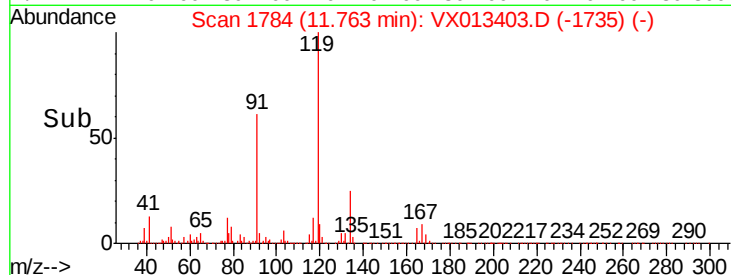
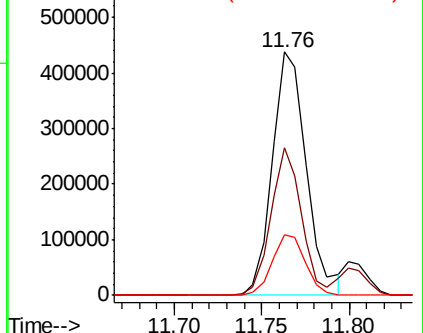
134 24.1 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.047 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX013403.D

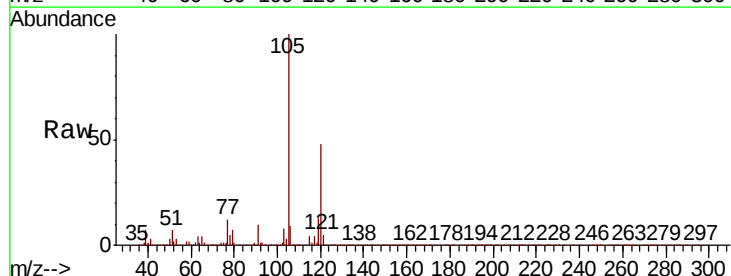
Acq: 13 Nov 2019 13:34

Tgt Ion:105 Resp: 586014

Ion Ratio Lower Upper

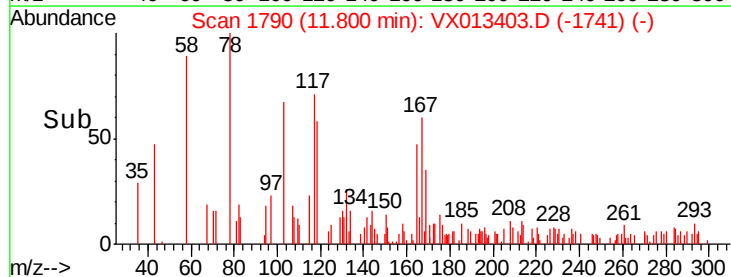
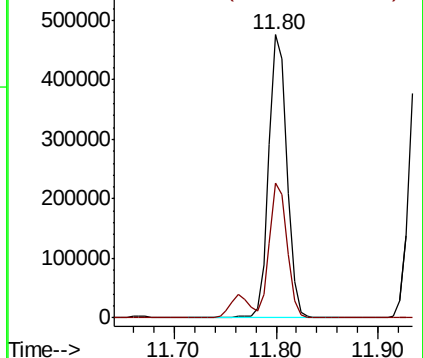
105 100

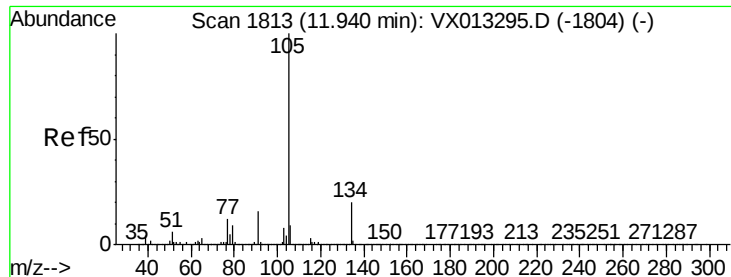
120 46.3 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.166 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

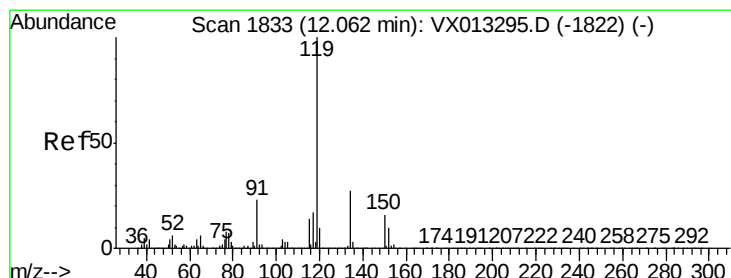
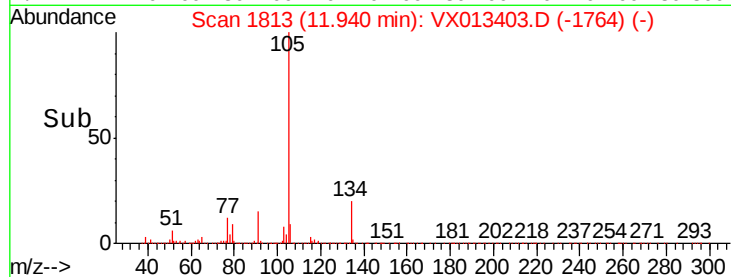
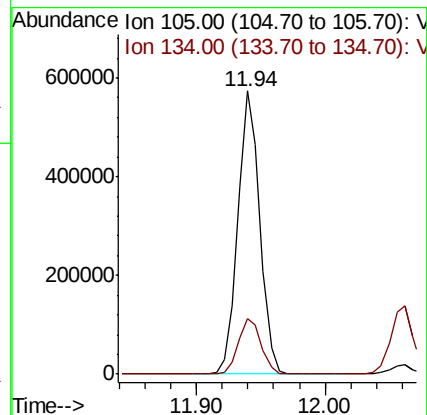
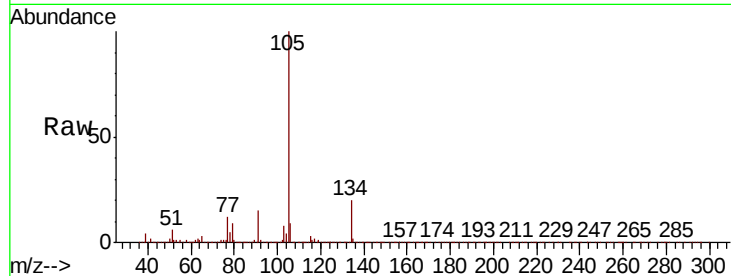
VX1113WBSD01

Tot Ion:105 Resp: 679480

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.9



#86

p-Isopropyltoluene

Concen: 22.128 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

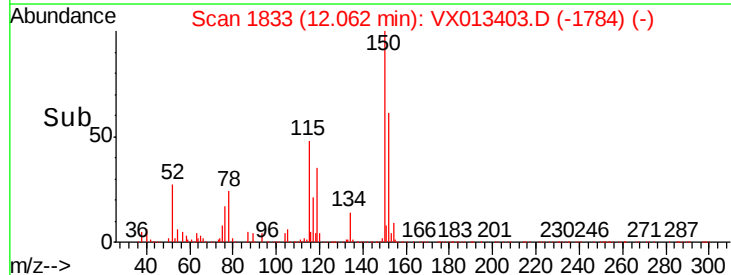
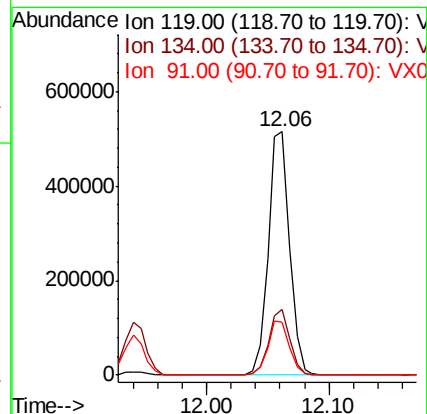
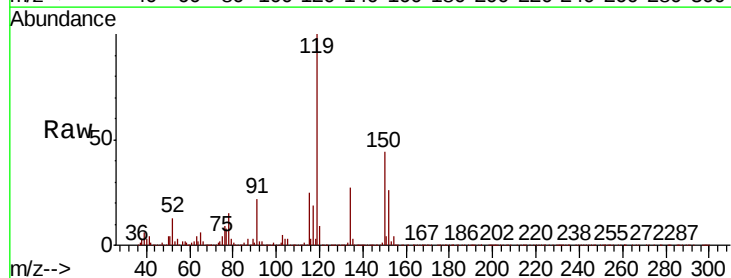
Tgt Ion:119 Resp: 624632

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 22.4 11.5 34.4

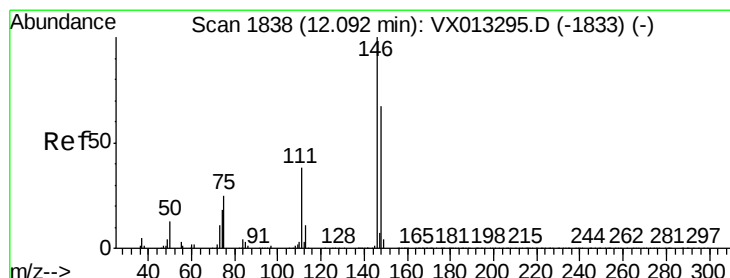
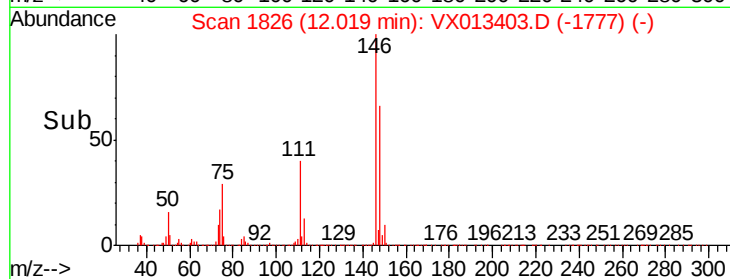
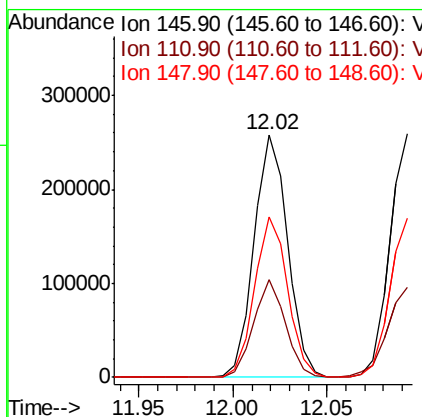
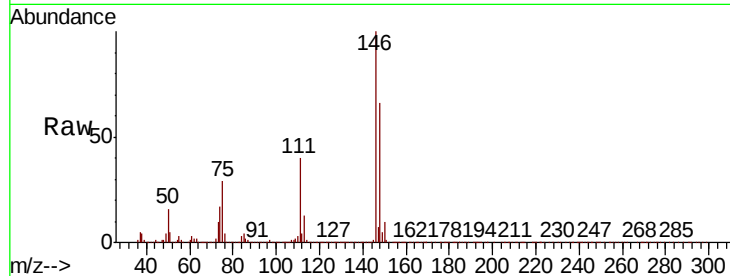




#87
 1,3-Dichlorobenzene
 Concen: 21.122 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

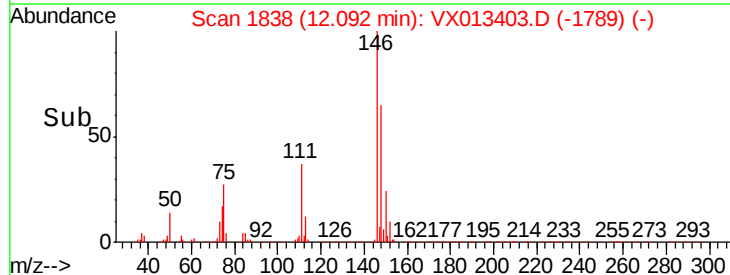
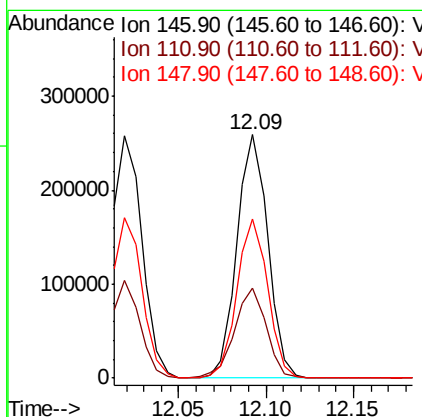
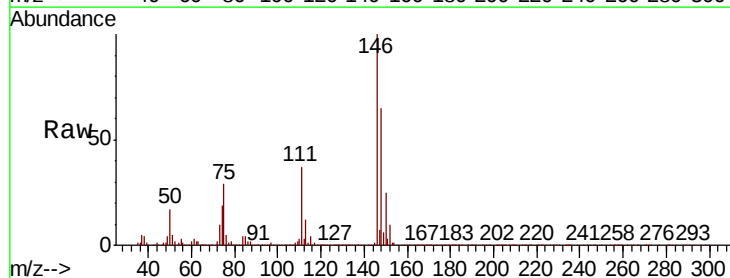
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

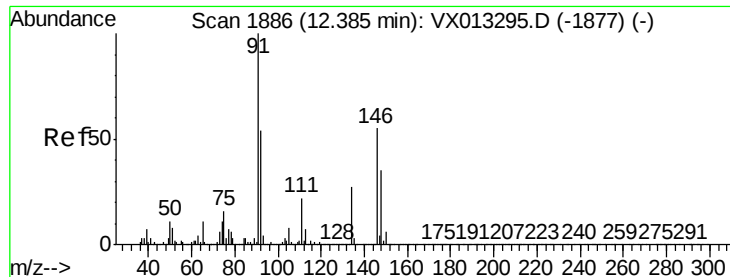
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.5
148	65.2	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.643 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013403.D
 Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.4
148	65.2	32.4	97.0

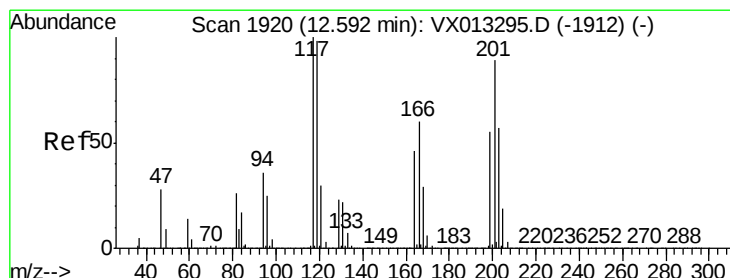
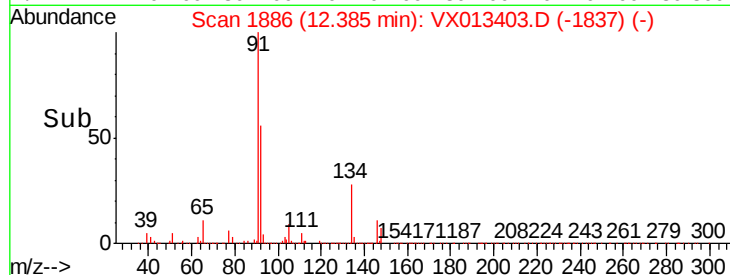
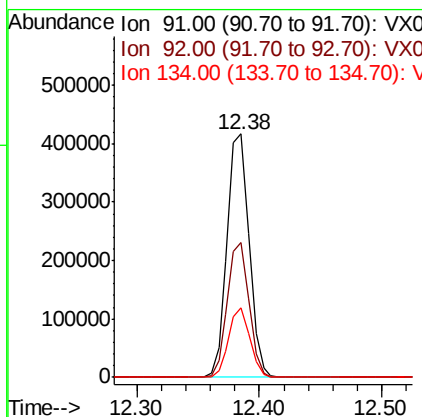
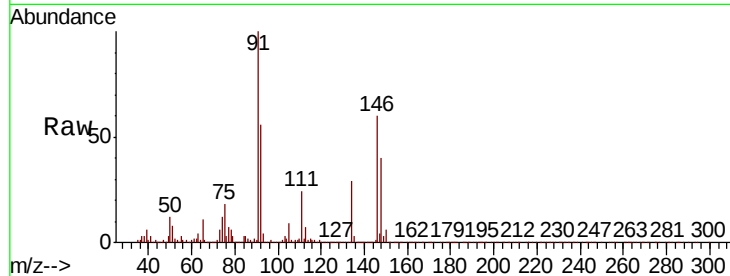




#89
n-Butylbenzene
Concen: 21.079 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

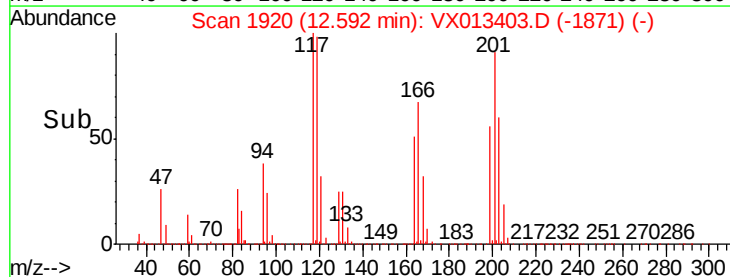
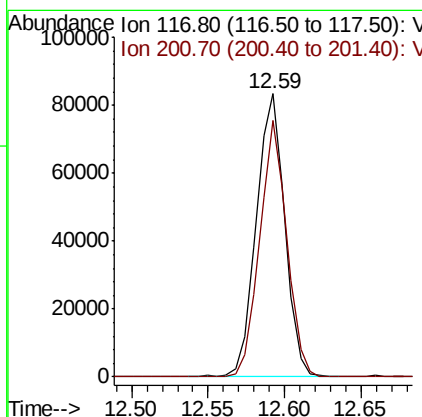
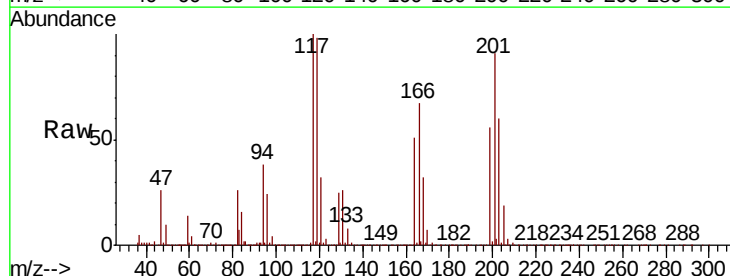
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

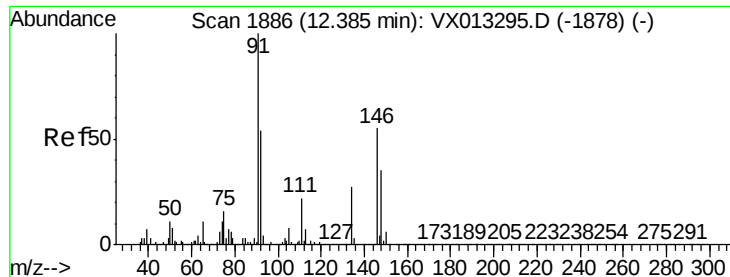
Tot Ion: 91 Resp: 519179
Ion Ratio Lower Upper
91 100
92 54.5 27.3 81.8
134 27.4 13.5 40.5



#90
Hexachloroethane
Concen: 21.504 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion: 117 Resp: 108153
Ion Ratio Lower Upper
117 100
201 86.7 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 21.314 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

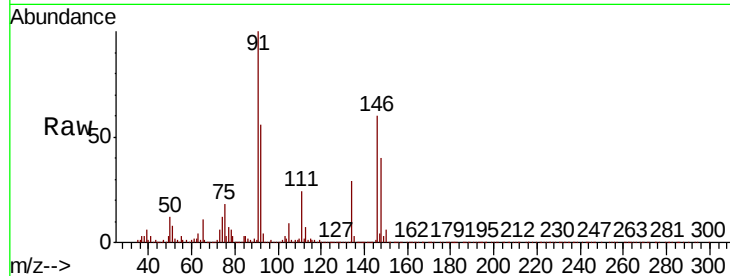
Tot Ion:146 Resp: 322052

Ion Ratio Lower Upper

146 100

111 39.6 20.1 60.2

148 63.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.38

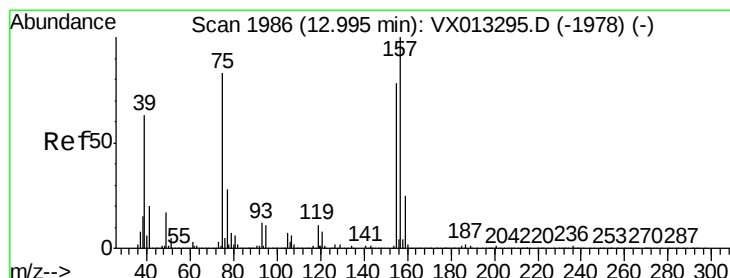
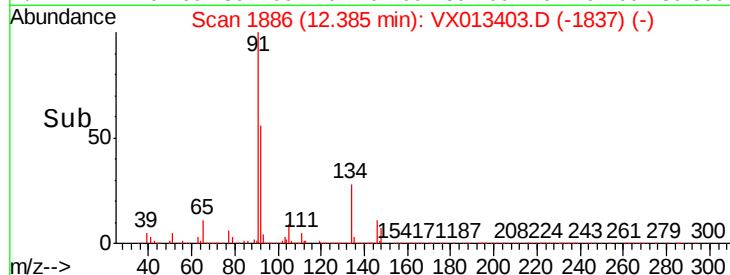
300000

200000

100000

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.408 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

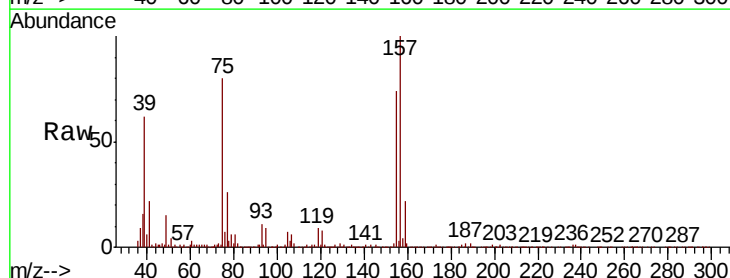
Tgt Ion: 75 Resp: 52045

Ion Ratio Lower Upper

75 100

155 95.3 47.1 141.4

157 122.6 61.3 183.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

12.99

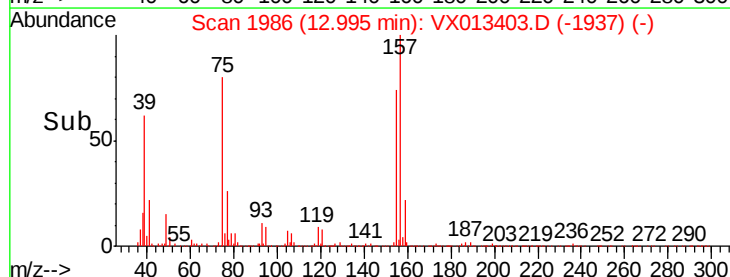
60000

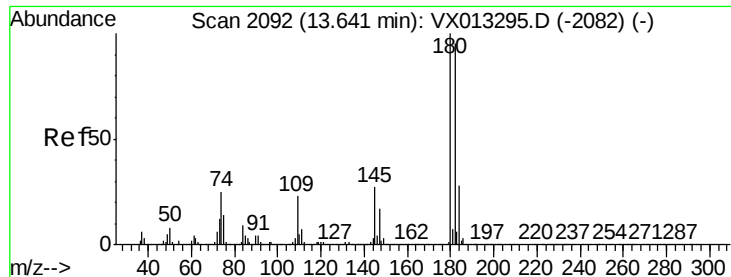
40000

20000

0

Time-->





#93

1,2,4-Trichlorobenzene

Concen: 20.411 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

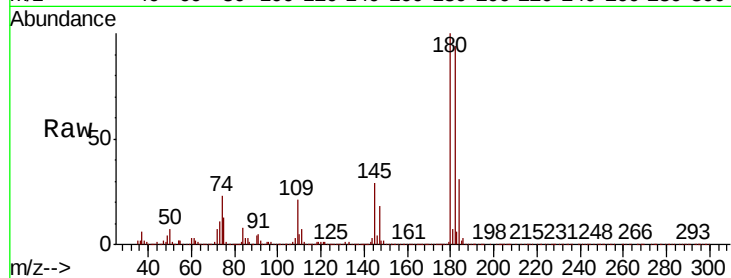
Tot Ion:180 Resp: 215134

Ion Ratio Lower Upper

180 100

182 94.8 48.4 145.0

145 28.5 14.1 42.4

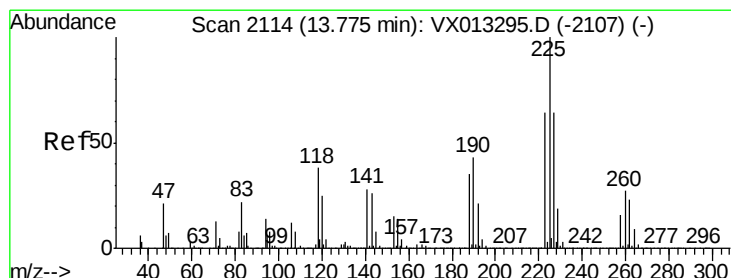
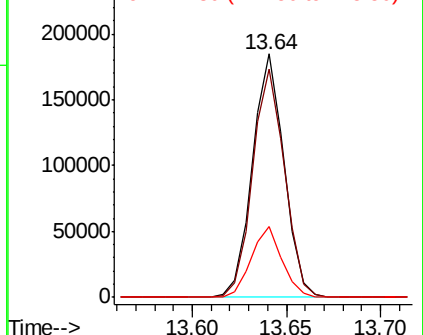
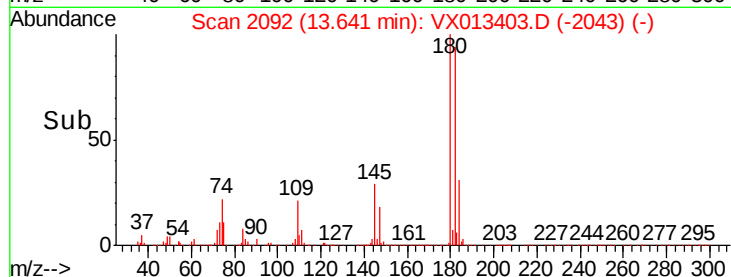


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.723 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX013403.D

Acq: 13 Nov 2019 13:34

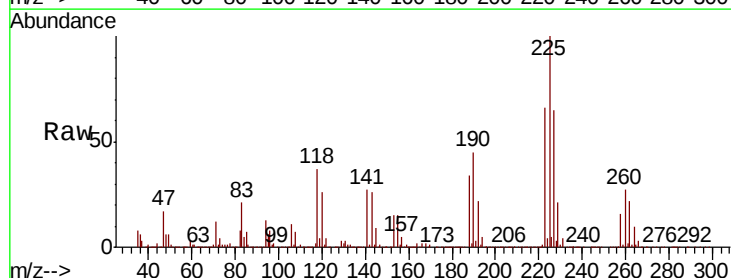
Tgt Ion:225 Resp: 106859

Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.7

227 63.0 31.9 95.9

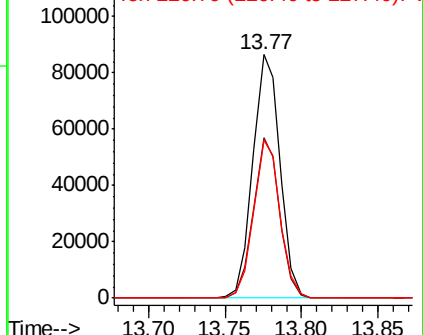
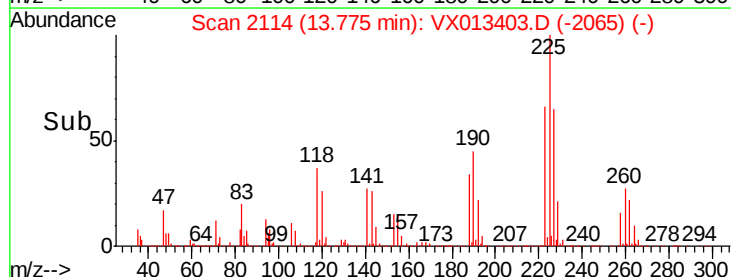


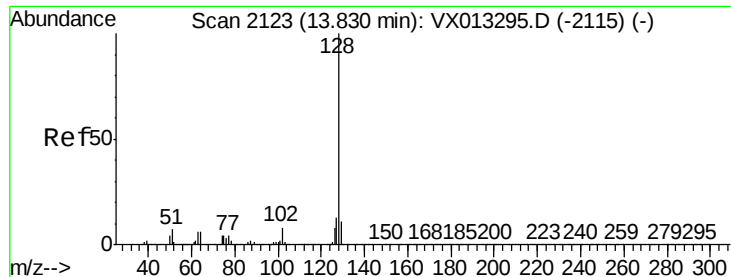
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

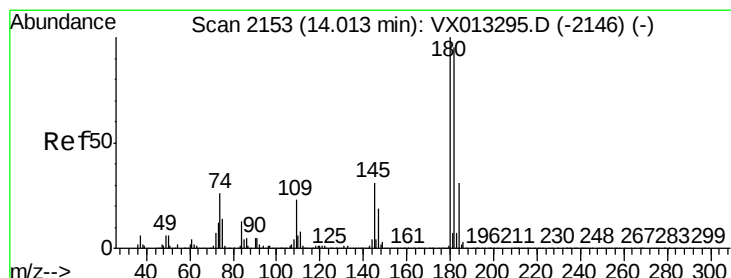
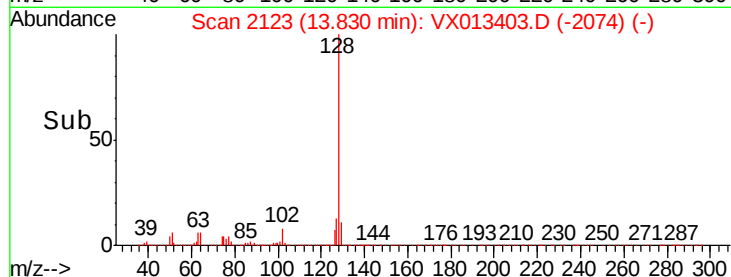
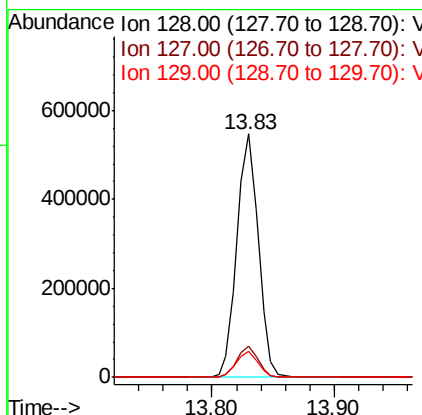
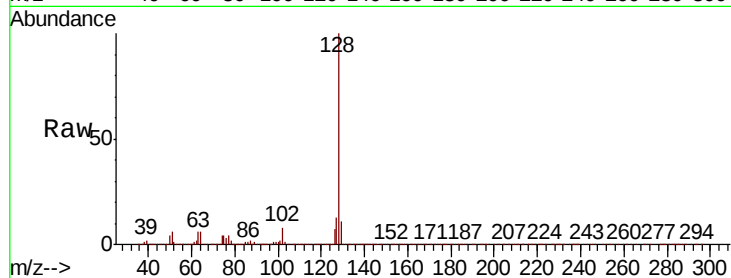




#95
Naphthalene
Concen: 20.029 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.7	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 20.394 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013403.D
Acq: 13 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.0	144.2
145	30.7	15.4	46.4

