

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX120221\
 Data File : VX025458.D
 Acq On : 03 Dec 2021 03:40
 Operator : JC/MD
 Sample : M4918-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 03 06:15:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : Sw846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	107274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185137	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	63695	56.33	ug/l	0.00
Spiked Amount 50.000	Range 78	- 117	Recovery	=	112.66%	
35) Dibromofluoromethane	5.391	113	56773	49.98	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	99.96%	
50) Toluene-d8	8.653	98	216999	50.81	ug/l	0.00
Spiked Amount 50.000	Range 92	- 112	Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.085	95	80275	49.68	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	=	99.36%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.245	50	6333	5.50	ug/l #	42
5) Bromomethane	1.605	94	125	0.23	ug/l	94
6) Chloroethane	1.879	64	192	0.22	ug/l #	43
11) Tert butyl alcohol	2.959	59	368220	1356.02	ug/l	99
13) Acrolein	2.215	56	8868	171.19	ug/l #	1
14) Allyl chloride	2.745	41	31485	17.50	ug/l #	19
15) Acrylonitrile	3.111	53	2713	4.47	ug/l #	34
16) Acetone	2.379	43	5965	9.49	ug/l	97
17) Carbon Disulfide	2.513	76	827	0.30	ug/l #	76
18) Methyl Acetate	2.709	43	2954	1.47	ug/l #	52
19) Methyl tert-butyl Ether	3.117	73	140321	40.50	ug/l #	68
20) Methylene Chloride	2.715	84	1997	1.69	ug/l #	12
22) Diisopropyl ether	3.763	45	27222	7.94	ug/l #	84
23) Vinyl Acetate	3.763	43	15742	5.72	ug/l #	72
25) 2-Butanone	4.568	43	2369	2.61	ug/l	94
26) 2,2-Dichloropropane	4.306	77	1156	0.68	ug/l #	53
29) Tetrahydrofuran	5.025	42	519	0.92	ug/l #	69
30) Chloroform	5.172	83	3993	2.05	ug/l #	19
31) Cyclohexane	5.476	56	82453	47.19	ug/l	94
36) 1,1-Dichloropropene	5.556	75	7186	4.45	ug/l #	50
37) Ethyl Acetate	4.568	43	2369	1.29	ug/l #	68
38) Carbon Tetrachloride	5.556	117	10116	5.69	ug/l #	15
39) Methylcyclohexane	7.385	83	48977	23.64	ug/l	93
40) Benzene	6.056	78	6017952	1229.89	ug/l	95
41) Methacrylonitrile	4.952	41	243	0.24	ug/l #	23
42) 1,2-Dichloroethane	6.056	62	53764	33.77	ug/l #	77
43) Isopropyl Acetate	6.342	43	3426	1.12	ug/l #	44
45) 1,2-Dichloropropane	7.385	63	501	0.42	ug/l #	1
48) Methyl methacrylate	7.659	41	4929	3.43	ug/l #	57
51) 4-Methyl-2-Pentanone	8.573	43	1751	0.91	ug/l	94
52) Toluene	8.720	92	323830	101.37	ug/l	98
53) t-1,3-Dichloropropene	8.720	75	3499	1.84	ug/l #	1
55) 1,1,2-Trichloroethane	9.098	97	3495	2.75	ug/l #	18
56) Ethyl methacrylate	9.110	69	874	0.42	ug/l #	85
59) 2-Hexanone	9.457	43	8707	5.76	ug/l	90

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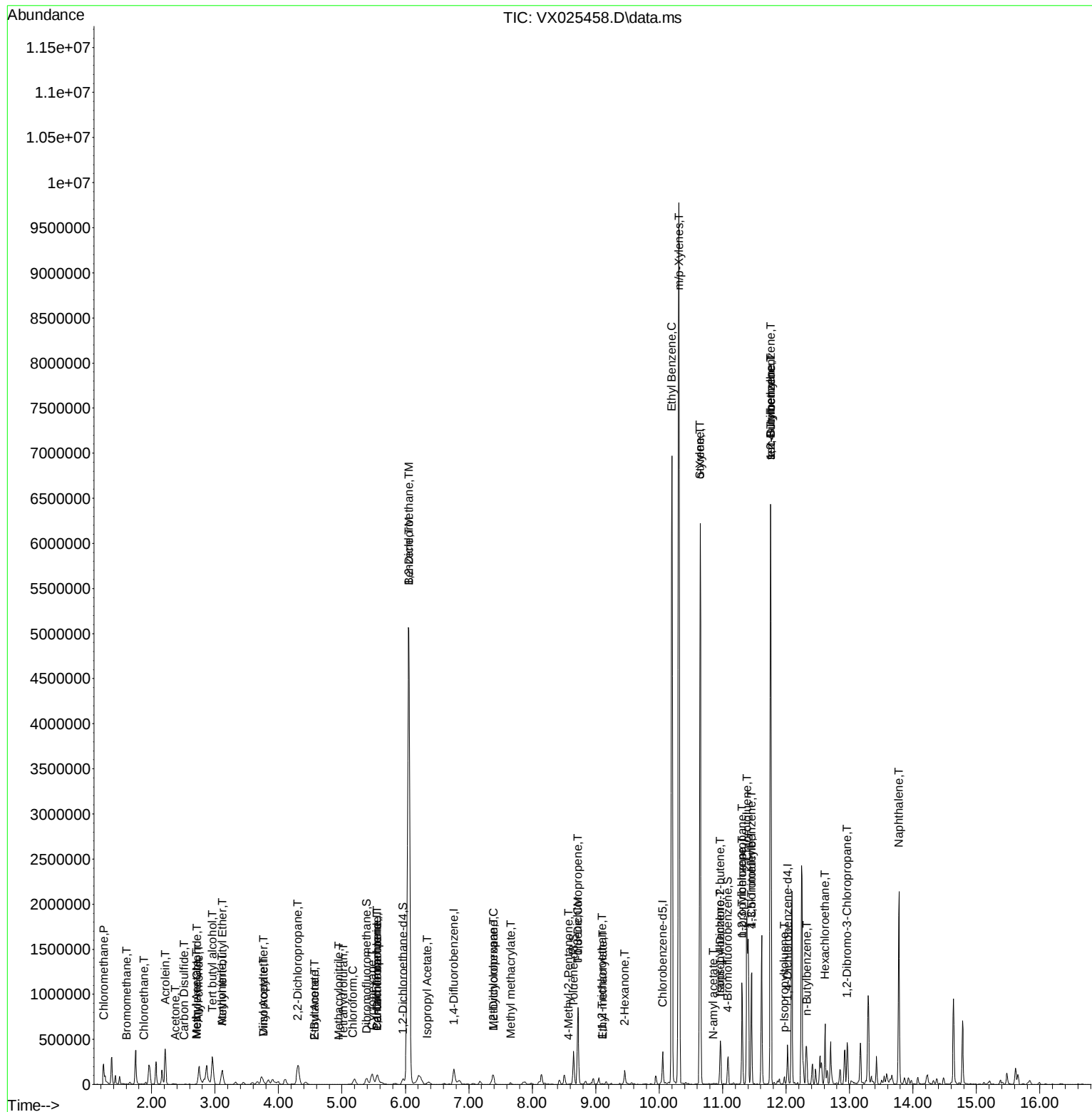
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	10.201	91	3775220	624.74	ug/l	94
68) m/p-Xylenes	10.311	106	2157922	874.27	ug/l	94
69) o-Xylene	10.646	106	1314089	543.96	ug/l	92
70) Styrene	10.646	104	69152	17.33	ug/l #	1
73) Isopropylbenzene	10.963	105	250765	40.77	ug/l	98
74) N-amyl acetate	10.853	43	631	0.24	ug/l #	1
76) 1,2,3-Trichloropropane	11.305	75	3984	2.25	ug/l #	1
78) n-propylbenzene	11.305	91	680351	98.53	ug/l	98
79) 2-Chlorotoluene	11.384	91	191644	45.59	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.457	105	547222	105.83	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.963	75	2758	3.93	ug/l #	64
82) 4-Chlorotoluene	11.457	91	57713	12.03	ug/l #	45
83) tert-Butylbenzene	11.756	119	324218	61.70	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.756	105	2592067	507.22	ug/l	95
85) sec-Butylbenzene	11.756	105	2592049	405.75	ug/l #	56
86) p-Isopropyltoluene	11.975	119	36641	6.68	ug/l	96
89) n-Butylbenzene	12.329	91	64991	14.05	ug/l #	23
90) Hexachloroethane	12.615	117	25288	25.00	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	12.963	75	1405	3.38	ug/l #	1
95) Naphthalene	13.780	128	1304867	225.38	ug/l	99

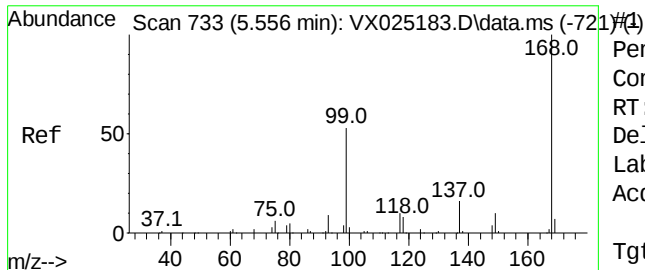
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.556 min Scan#

Delta R.T. -0.000 min

Lab File: VX025458.D

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Instrument :

MSVOA_D

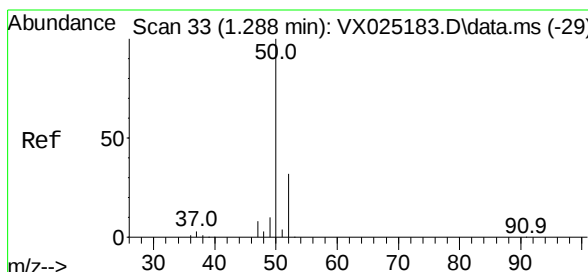
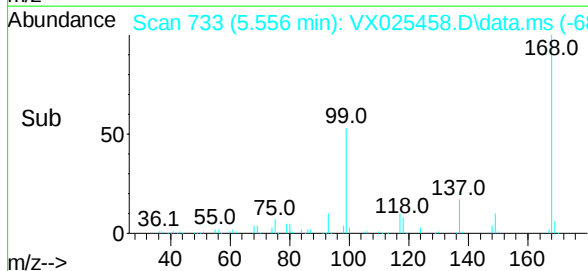
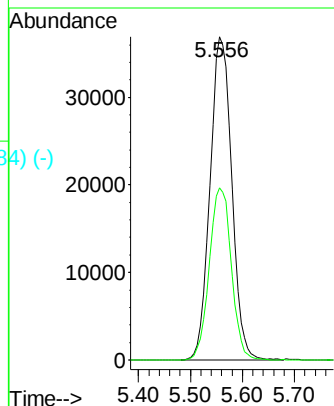
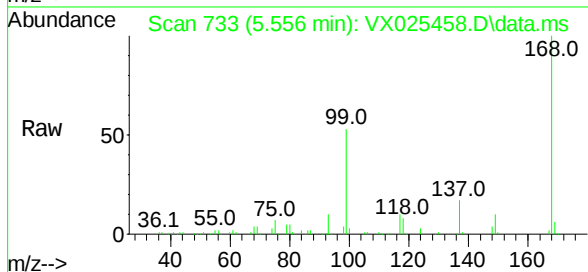
ClientSampleId :

Tgt Ion:168 Resp: 107274

Ion Ratio Lower Upper

168 100

99 53.3 46.4 69.6



Chloromethane

Concen: 5.50 ug/l

RT: 1.245 min Scan# 26

Delta R.T. -0.043 min

Lab File: VX025458.D

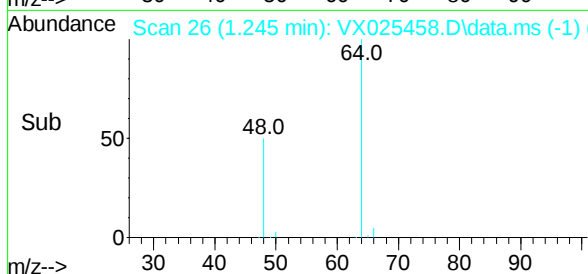
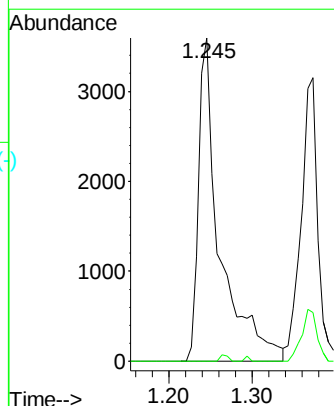
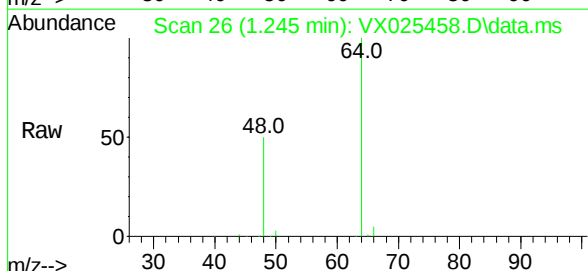
Acq: 03 Dec 2021 03:40

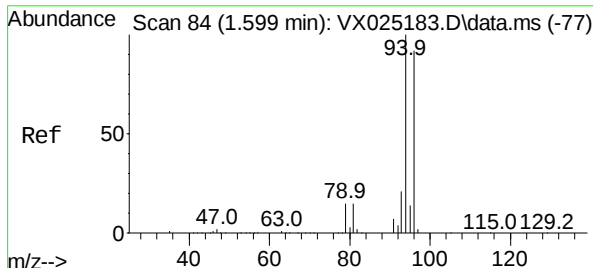
Tgt Ion: 50 Resp: 6333

Ion Ratio Lower Upper

50 100

52 0.0 25.9 38.9#





Bromomethane

Concen: 0.23 ug/l

RT: 1.605 min Scan# 1

Delta R.T. 0.006 min MSVOA_D

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_D

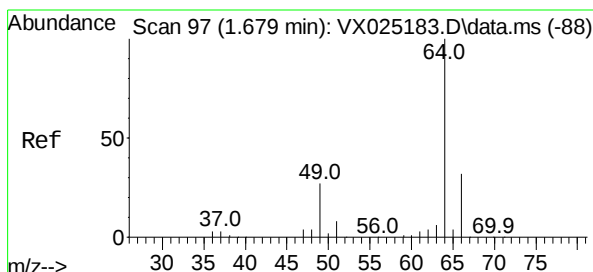
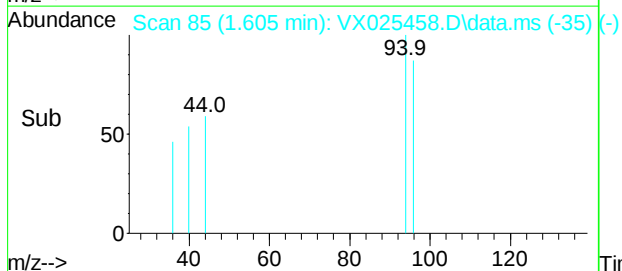
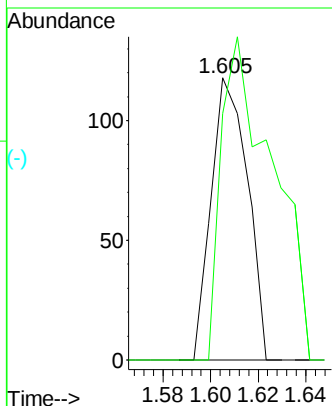
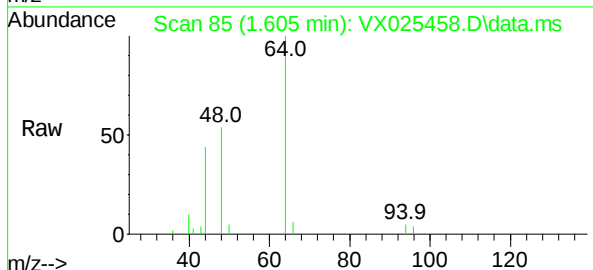
ClientSampleId :

Tgt Ion: 94 Resp: 125

Ion Ratio Lower Upper

94 100

96 87.3 74.8 112.2



Chloroethane

Concen: 0.22 ug/l

RT: 1.879 min Scan# 130

Delta R.T. 0.200 min

Lab File: VX025458.D

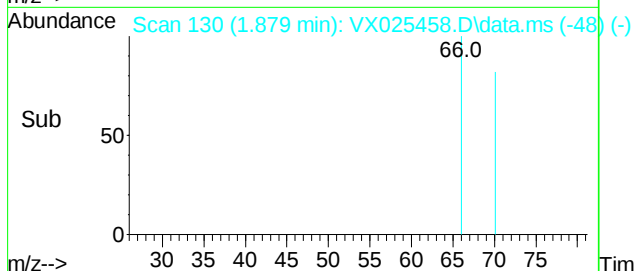
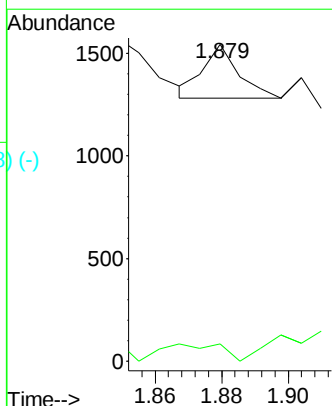
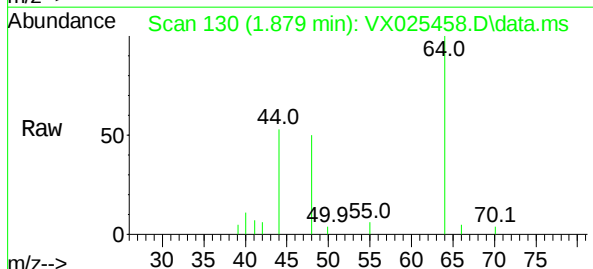
Acq: 03 Dec 2021 03:40

Tgt Ion: 64 Resp: 192

Ion Ratio Lower Upper

64 100

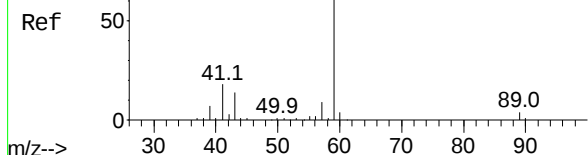
66 0.0 25.6 38.4#



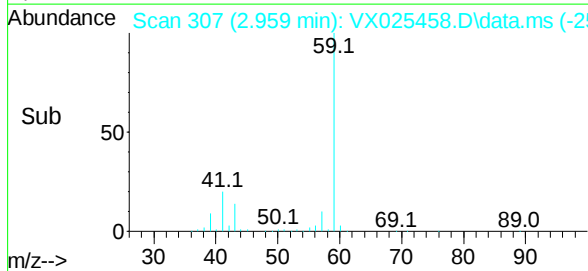
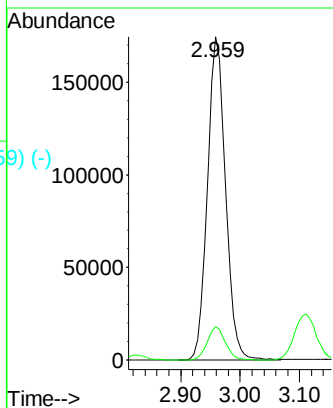
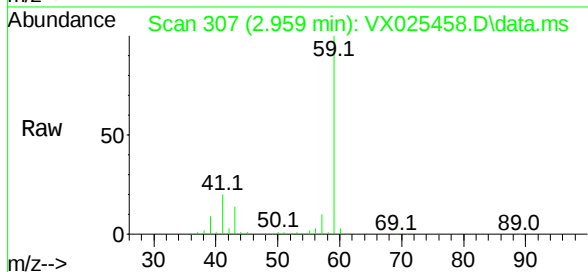
Abundance Scan 308 (2.965 min): VX025183.D\data.ms (-297) #41

Tert butyl alcohol
Concen: 1356.02 ug/l
RT: 2.959 min Scan# 185
Delta R.T. -0.006 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

Instrument :
MSVOA_D
ClientSampleId :



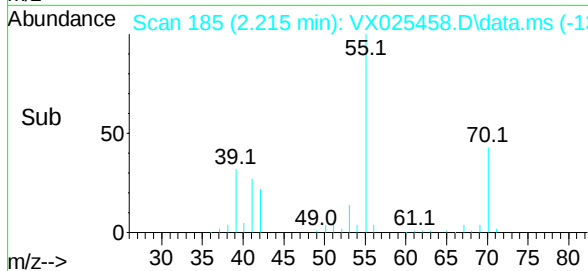
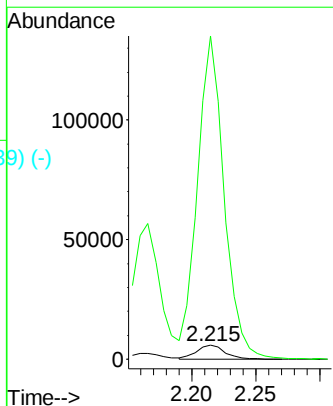
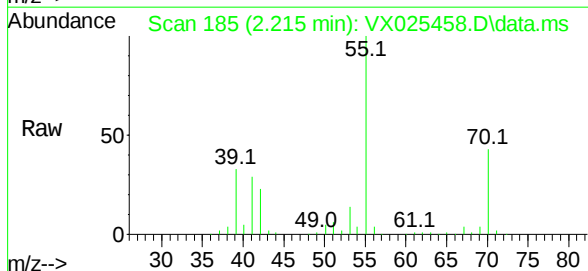
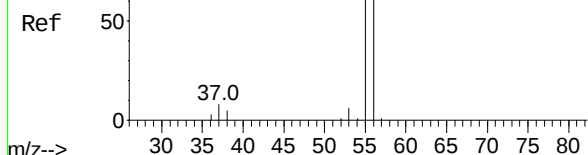
Tgt Ion: 59 Resp: 368220
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7



Abundance Scan 188 (2.233 min): VX025183.D\data.ms (-181) #43

Acrolein
Concen: 171.19 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

Tgt Ion: 56 Resp: 8868
Ion Ratio Lower Upper
56 100
55 2205.2 58.6 87.8#



Abundance Scan 258 (2.660 min): VX025183.D\data.ms (-244)#14

Allyl chloride

Concen: 17.50 ug/l

RT: 2.745 min Scan# 1

Delta R.T. 0.085 min MSVOA_D

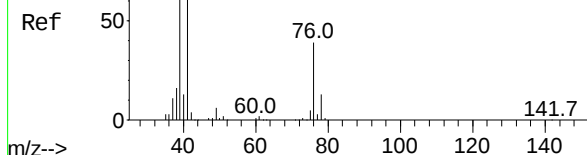
Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_D

ClientSampleId :



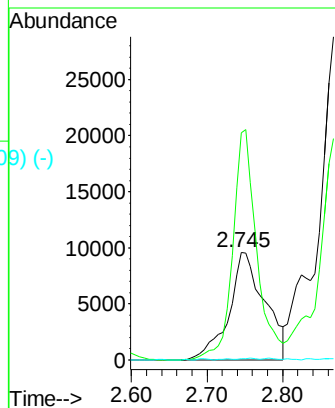
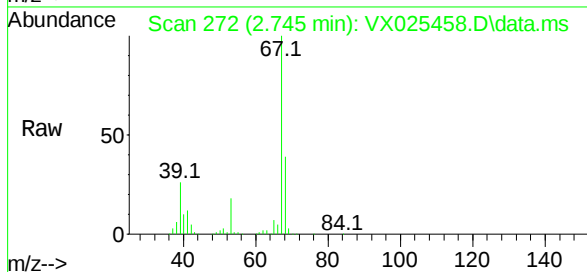
Tgt Ion: 41 Resp: 31485

Ion Ratio Lower Upper

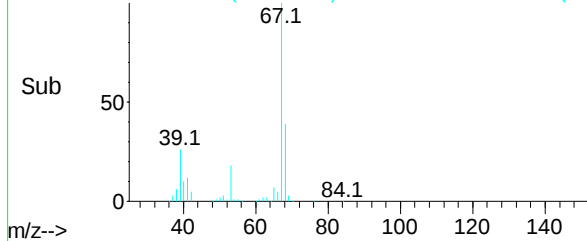
41 100

39 143.4 54.6 82.0#

76 0.6 25.3 37.9#



Abundance Scan 272 (2.745 min): VX025458.D\data.ms (-209) (-)



Abundance Scan 324 (3.063 min): VX025183.D\data.ms (-315)#15

Acrylonitrile

Concen: 4.47 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.048 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

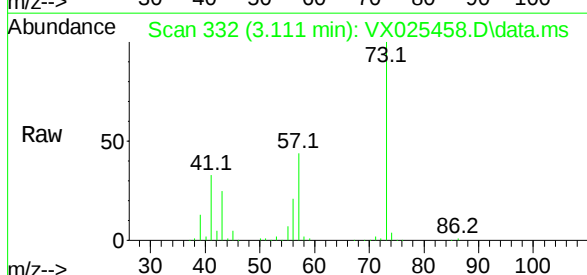
Tgt Ion: 53 Resp: 2713

Ion Ratio Lower Upper

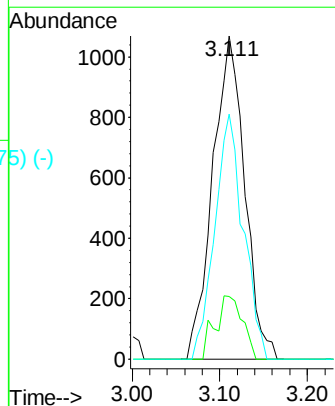
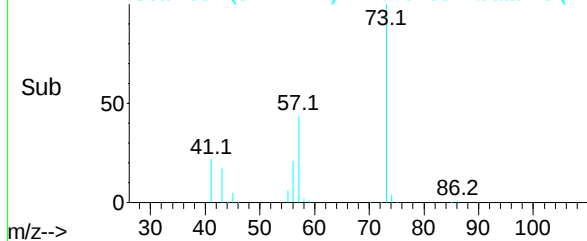
53 100

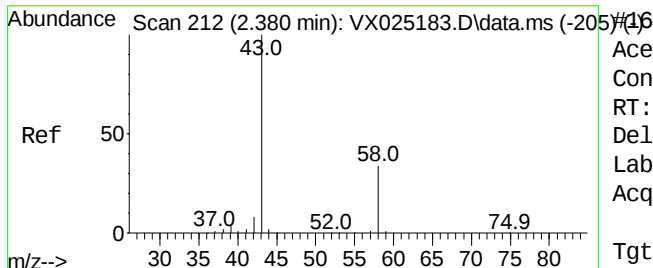
52 16.7 66.2 99.4#

51 67.6 29.8 44.8#



Abundance Scan 332 (3.111 min): VX025458.D\data.ms (-275) (-)

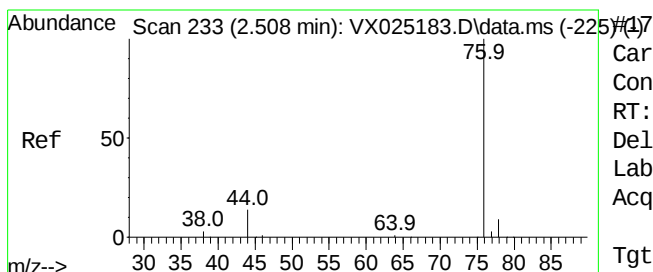
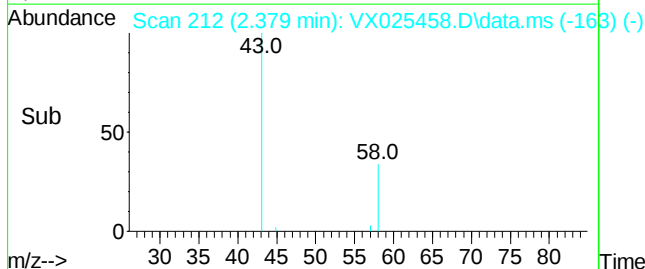
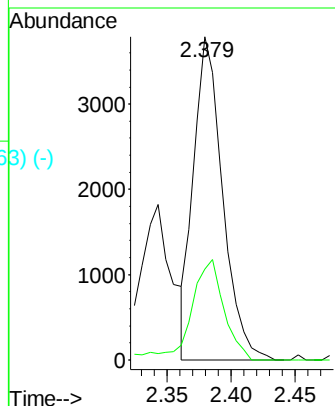
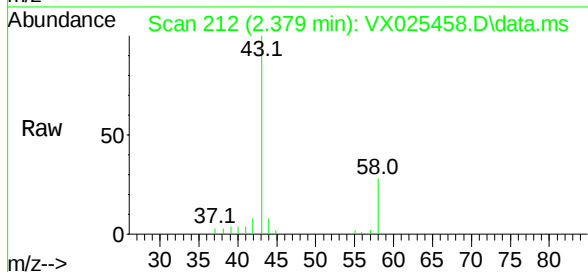




Acetone
 Concen: 9.49 ug/l
 RT: 2.379 min Scan# 16
 Delta R.T. -0.001 min
 Lab File: VX025458.D
 Acq: 03 Dec 2021 03:40

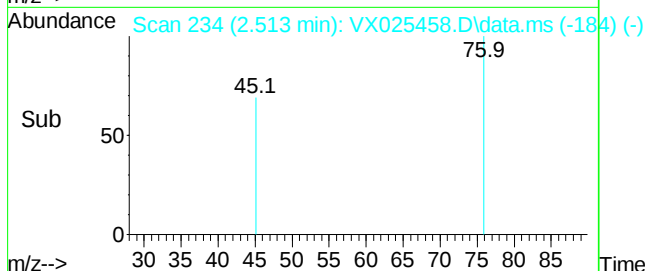
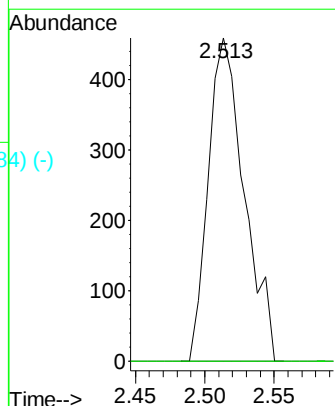
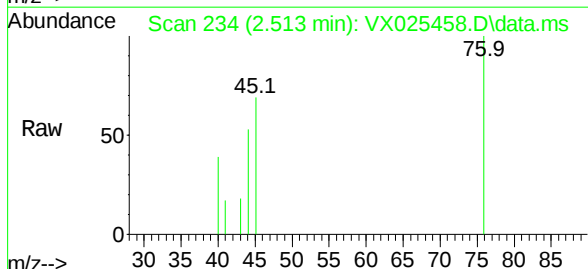
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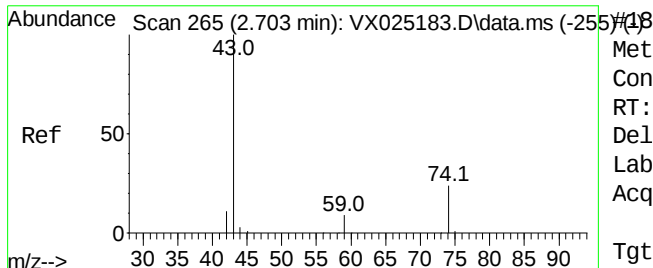
Tgt Ion: 43 Resp: 5965
 Ion Ratio Lower Upper
 43 100
 58 28.1 24.0 36.0



Carbon Disulfide
 Concen: 0.30 ug/l
 RT: 2.513 min Scan# 234
 Delta R.T. 0.005 min
 Lab File: VX025458.D
 Acq: 03 Dec 2021 03:40

Tgt Ion: 76 Resp: 827
 Ion Ratio Lower Upper
 76 100
 78 0.0 6.9 10.3#

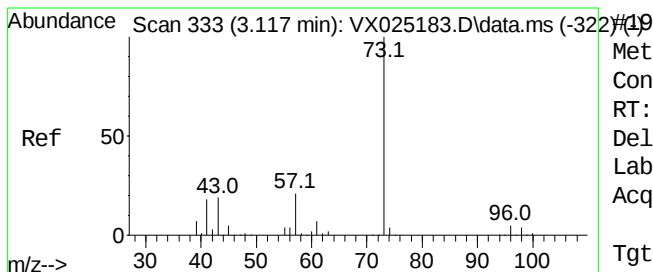
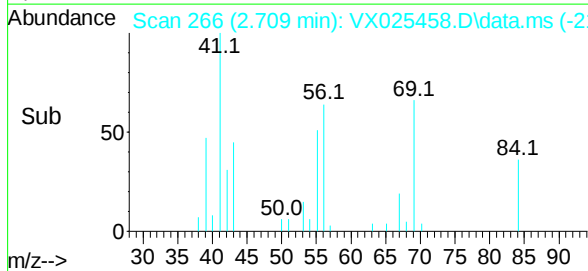
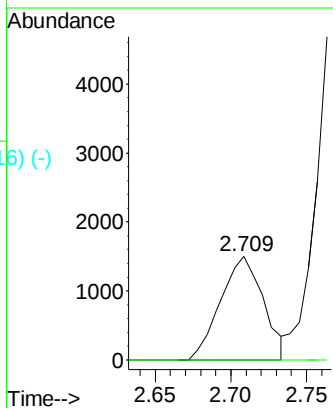
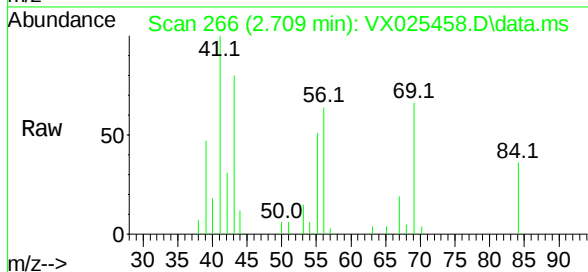




Methyl Acetate
 Concen: 1.47 ug/l
 RT: 2.709 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX025458.D
 Acq: 03 Dec 2021 03:40

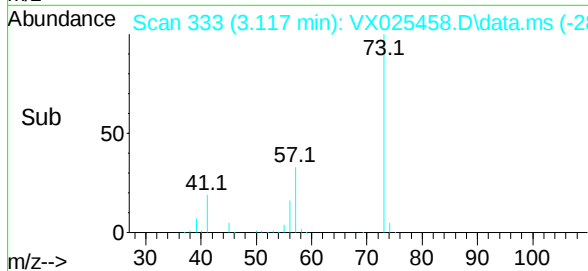
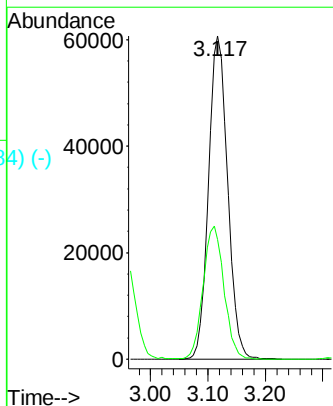
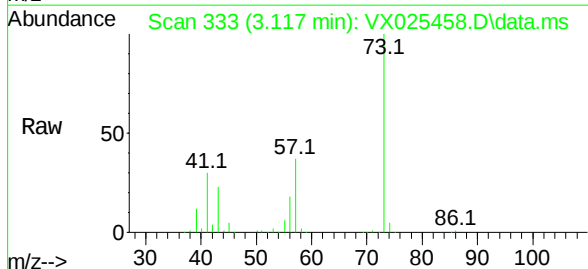
Instrument :
 MSVOA_D
 ClientSampleId :

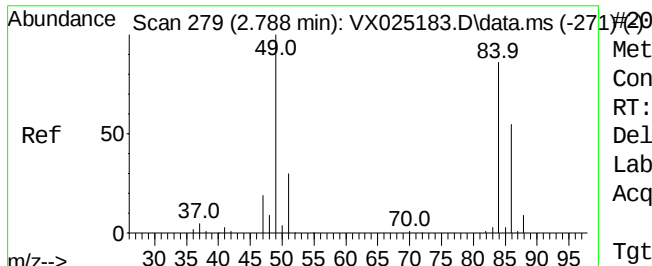
Tgt Ion: 43 Resp: 2954
 Ion Ratio Lower Upper
 43 100
 74 0.0 19.0 28.6#



Methyl tert-butyl Ether
 Concen: 40.50 ug/l
 RT: 3.117 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VX025458.D
 Acq: 03 Dec 2021 03:40

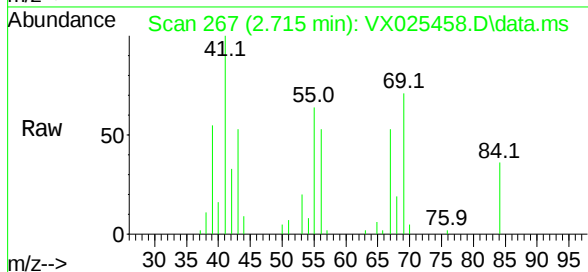
Tgt Ion: 73 Resp: 140321
 Ion Ratio Lower Upper
 73 100
 57 37.0 17.5 26.3#



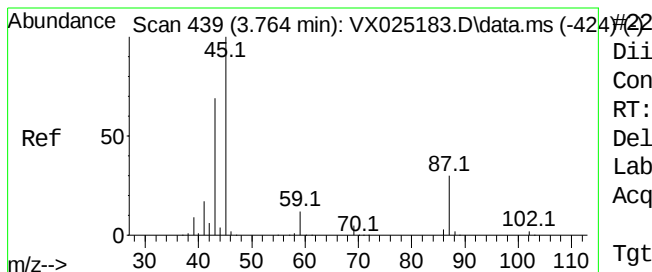
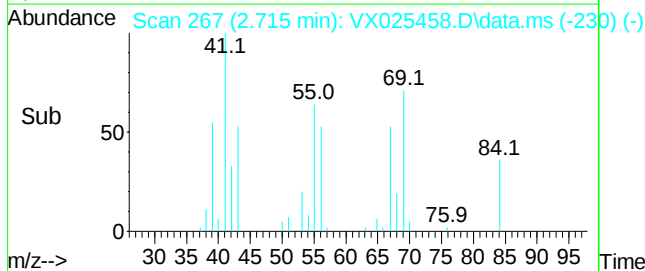
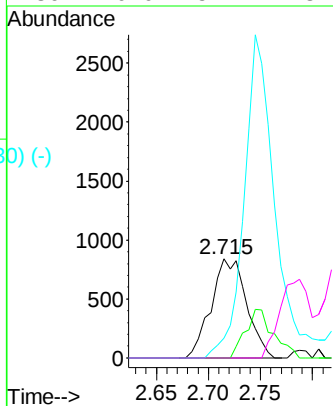


Methylene Chloride
 Concen: 1.69 ug/l
 RT: 2.715 min Scan# 1
 Delta R.T. -0.073 min
 Lab File: VX025458.D
 Acq: 03 Dec 2021 03:40

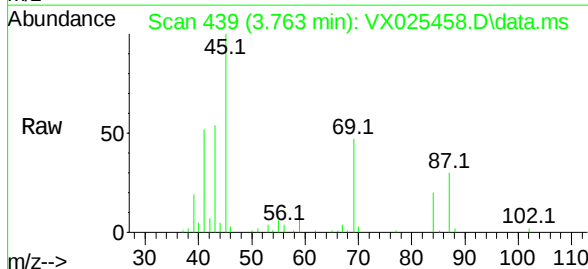
Instrument :
 MSVOA_D
 ClientSampleId :



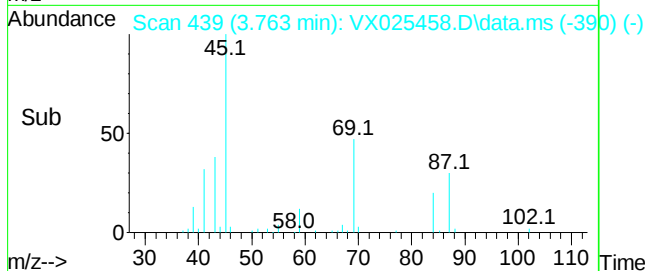
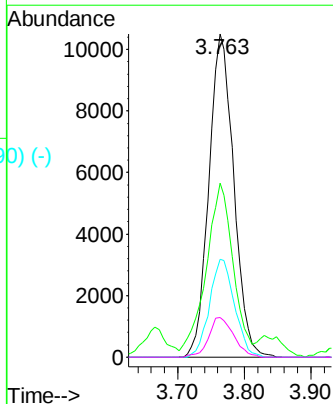
Tgt Ion:	84	Resp:	1997
Ion	Ratio	Lower	Upper
84	100		
49	0.0	98.2	147.2#
51	20.2	30.2	45.4#
86	0.0	52.2	78.2#



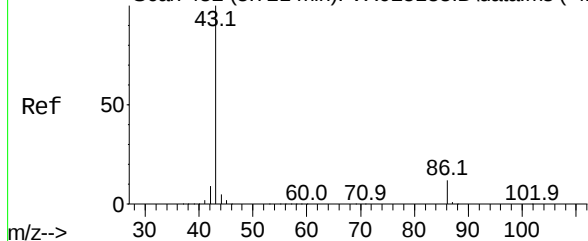
Diisopropyl ether
 Concen: 7.94 ug/l
 RT: 3.763 min Scan# 439
 Delta R.T. -0.001 min
 Lab File: VX025458.D
 Acq: 03 Dec 2021 03:40



Tgt Ion:	45	Resp:	27222
Ion	Ratio	Lower	Upper
45	100		
43	52.0	58.3	87.5#
87	30.2	23.7	35.5
59	12.3	9.4	14.0



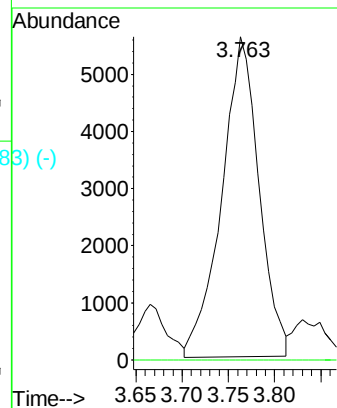
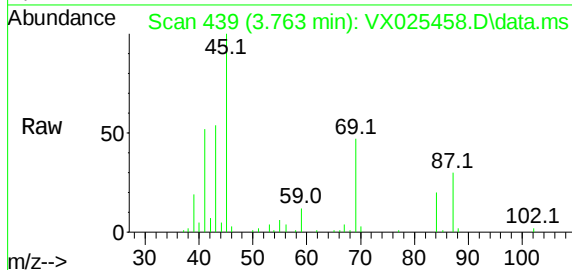
Abundance Scan 432 (3.721 min): VX025183.D\data.ms (-420)#23



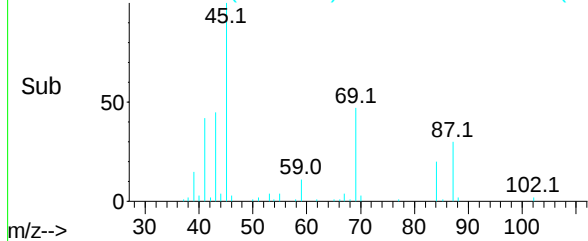
Vinyl Acetate
Concen: 5.72 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.042 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

Instrument :
MSVOA_D
ClientSampleId :

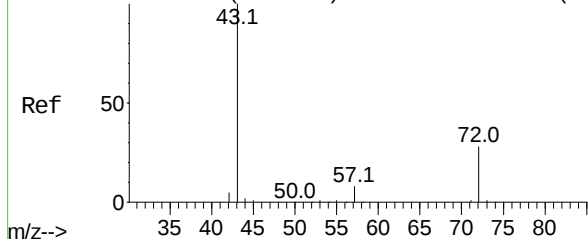
Tgt Ion: 43 Resp: 15742
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#



Abundance Scan 439 (3.763 min): VX025458.D\data.ms (-383) (-)

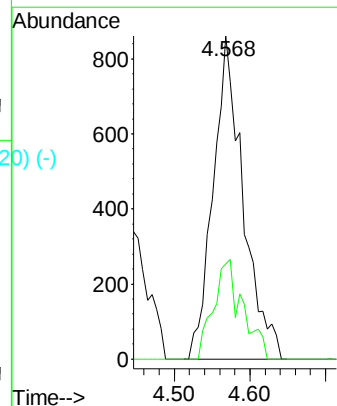
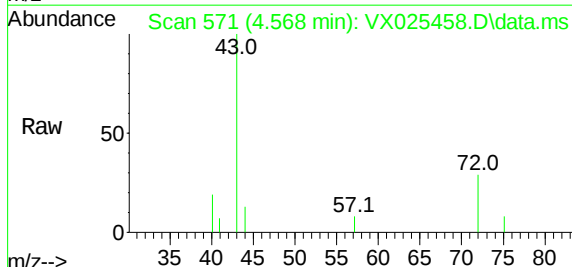


Abundance Scan 569 (4.556 min): VX025183.D\data.ms (-557)#25

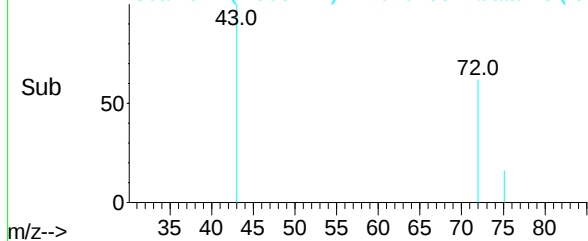


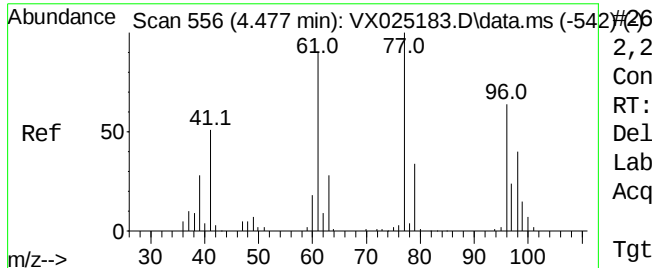
2-Butanone
Concen: 2.61 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

Tgt Ion: 43 Resp: 2369
Ion Ratio Lower Upper
43 100
72 29.4 21.2 31.8



Abundance Scan 571 (4.568 min): VX025458.D\data.ms (-520) (-)

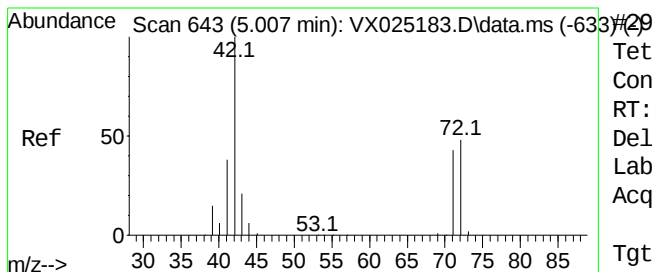
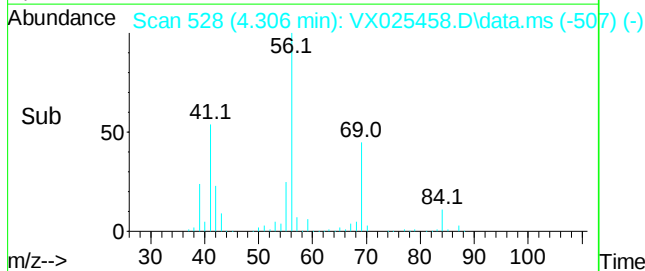
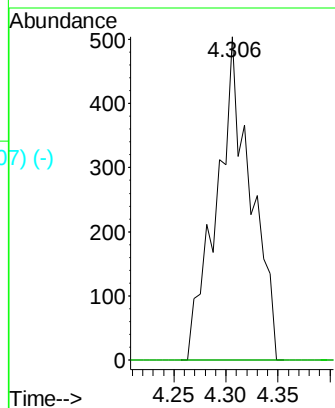
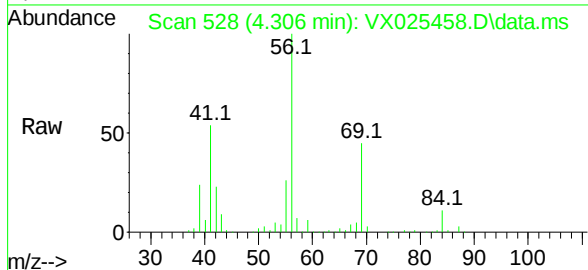




2,2-Dichloropropane
Concen: 0.68 ug/l
RT: 4.306 min Scan# 4
Delta R.T. -0.171 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

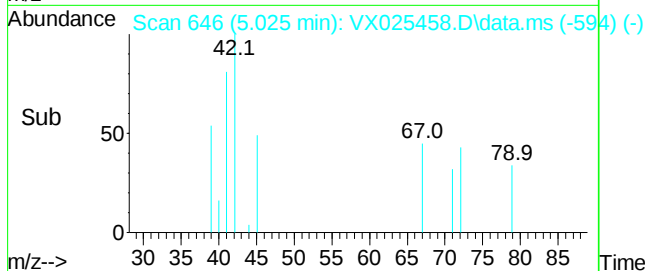
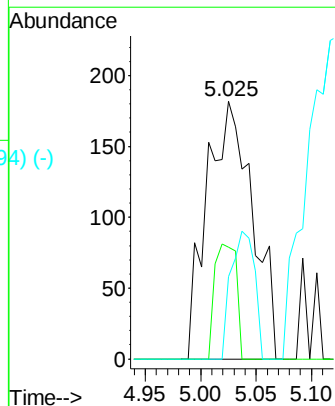
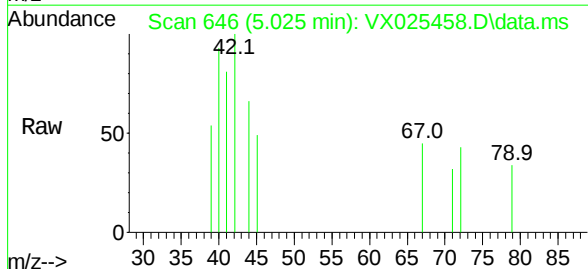
Instrument :
MSVOA_D
ClientSampleId :

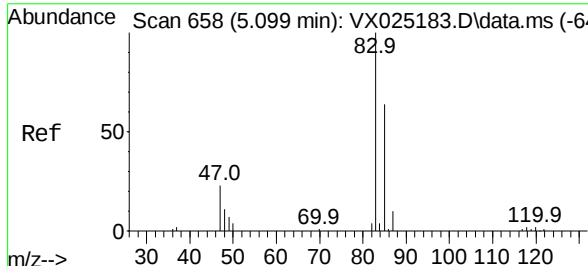
Tgt Ion: 77 Resp: 1156
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.5#



Tetrahydrofuran
Concen: 0.92 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

Tgt Ion: 42 Resp: 519
Ion Ratio Lower Upper
42 100
72 21.4 36.1 54.1#
71 25.8 33.7 50.5#





Chloroform

Concen: 2.05 ug/l

RT: 5.172 min Scan#

Delta R.T. 0.073 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_D

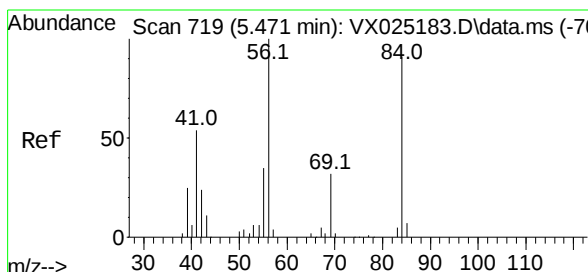
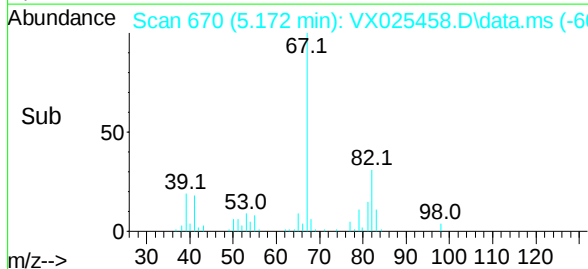
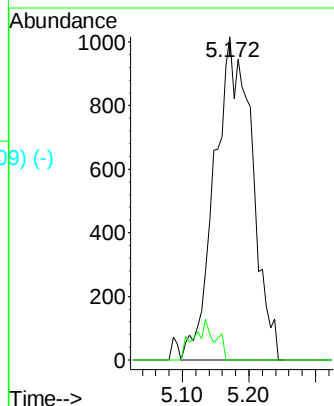
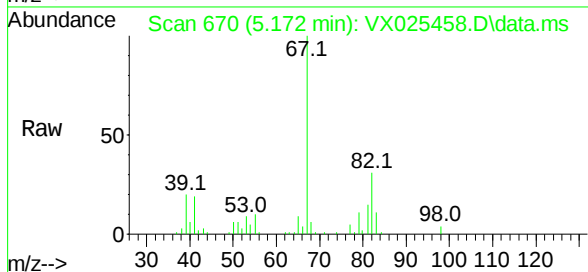
ClientSampleId :

Tgt Ion: 83 Resp: 3993

Ion Ratio Lower Upper

83 100

85 0.0 50.2 75.2#



Cyclohexane

Concen: 47.19 ug/l

RT: 5.476 min Scan# 720

Delta R.T. 0.005 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

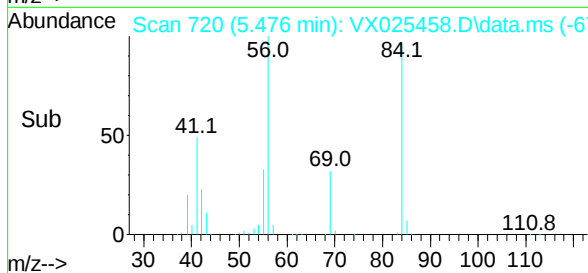
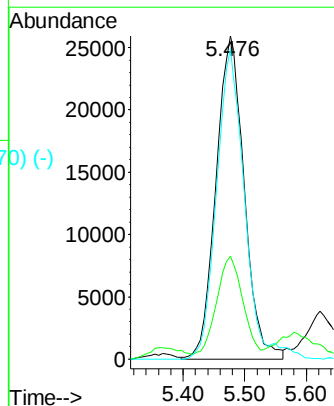
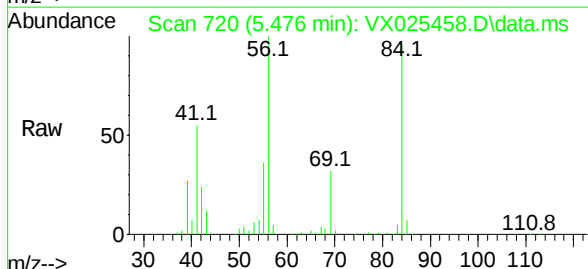
Tgt Ion: 56 Resp: 82453

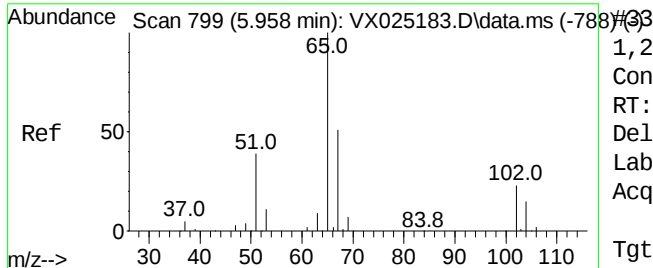
Ion Ratio Lower Upper

56 100

69 29.4 24.2 36.2

84 96.6 71.5 107.3

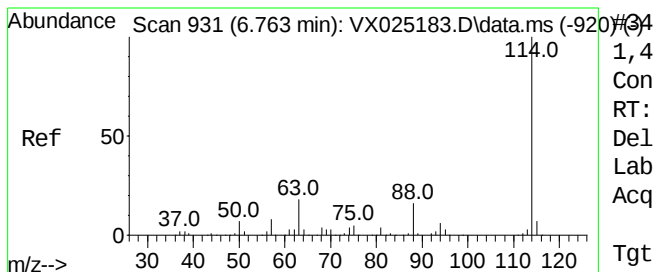
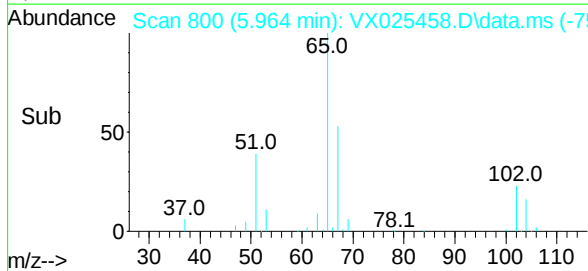
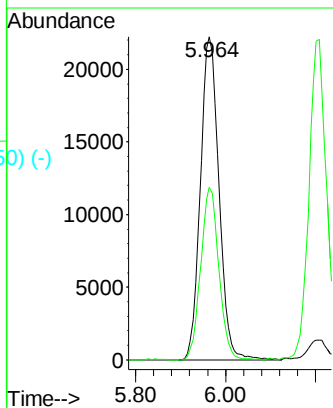
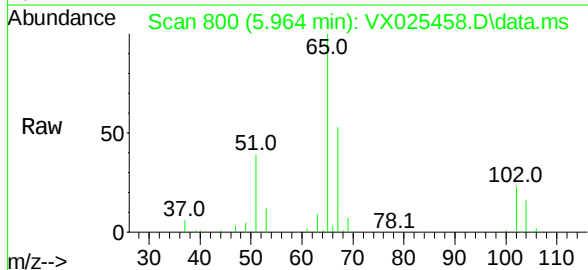




1,2-Dichloroethane-d4
 Concen: 56.33 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX025458.D
 Acq: 03 Dec 2021 03:40

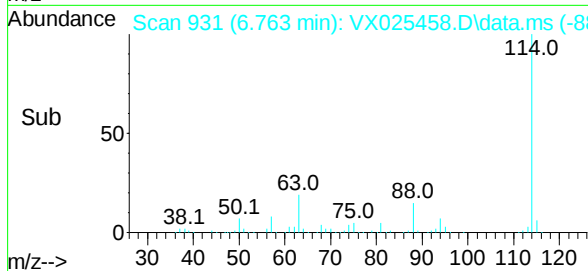
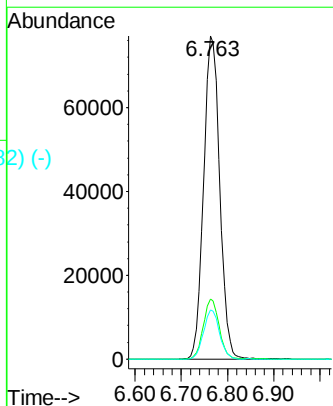
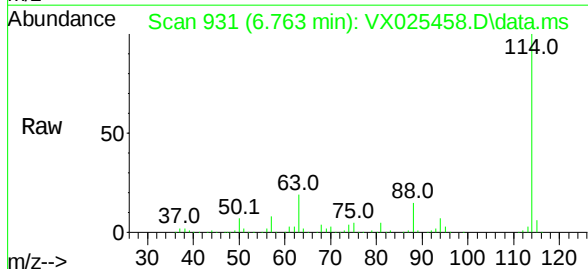
Instrument :
 MSVOA_D
 ClientSampleId :

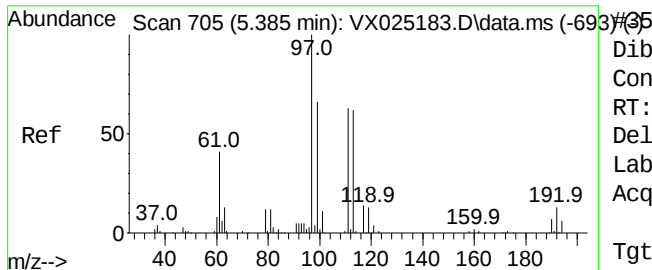
Tgt Ion: 65 Resp: 63695
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.0



1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX025458.D
 Acq: 03 Dec 2021 03:40

Tgt Ion: 114 Resp: 185137
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 41.0
 88 15.3 0.0 34.8

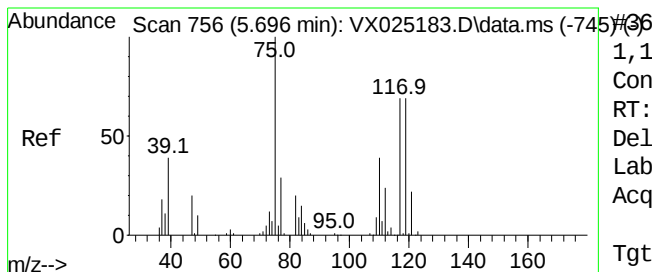
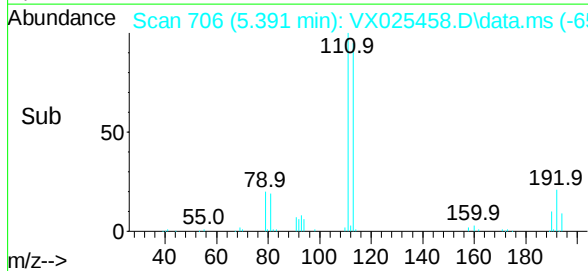
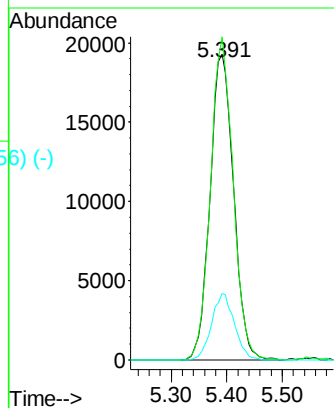
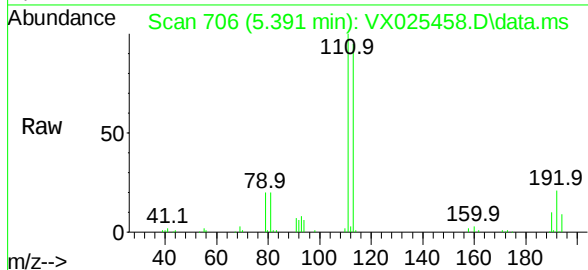




Dibromofluoromethane
Concen: 49.98 ug/l
RT: 5.391 min Scan#
Delta R.T. 0.006 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

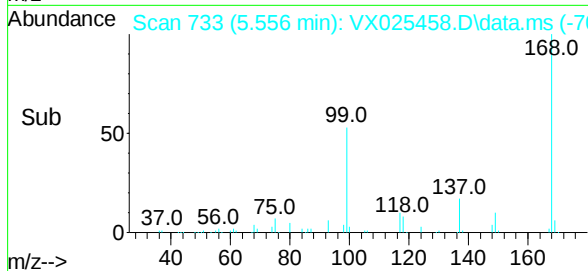
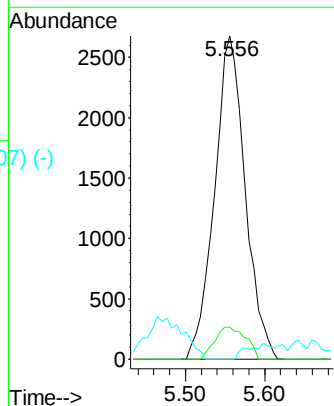
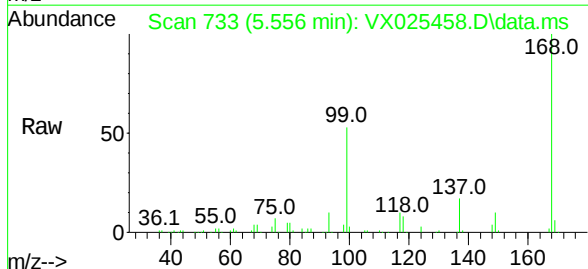
Instrument :
MSVOA_D
ClientSampleId :

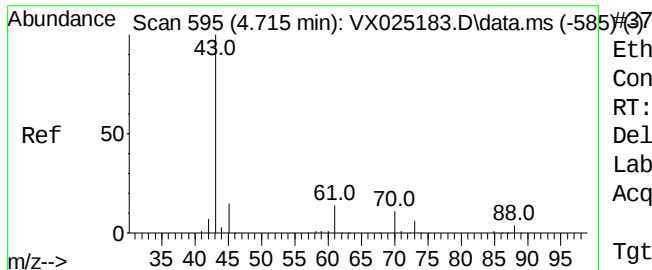
Tgt Ion:113 Resp: 56773
Ion Ratio Lower Upper
113 100
111 101.6 82.1 123.1
192 21.0 15.6 23.4



1,1-Dichloropropene
Concen: 4.45 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

Tgt Ion: 75 Resp: 7186
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.3#
77 0.0 24.4 36.6#





Ethyl Acetate

Concen: 1.29 ug/l

RT: 4.568 min Scan# 1

Delta R.T. -0.147 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_D

ClientSampleId :

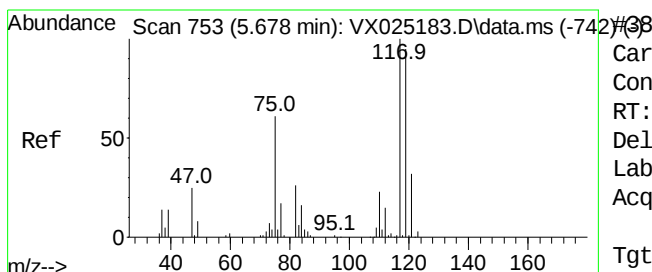
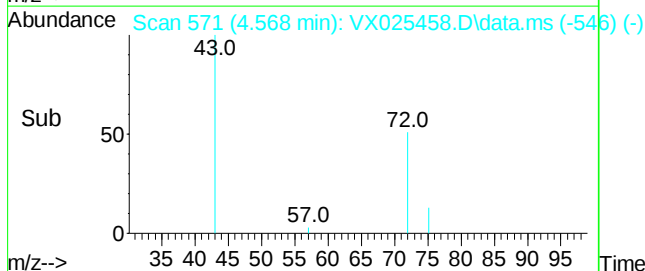
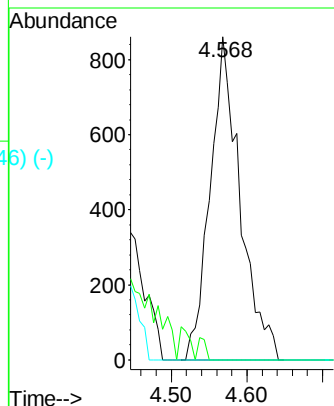
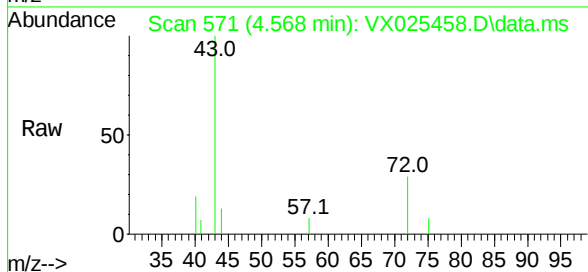
Tgt Ion: 43 Resp: 2369

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

70 0.0 8.6 12.8#



Carbon Tetrachloride

Concen: 5.69 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

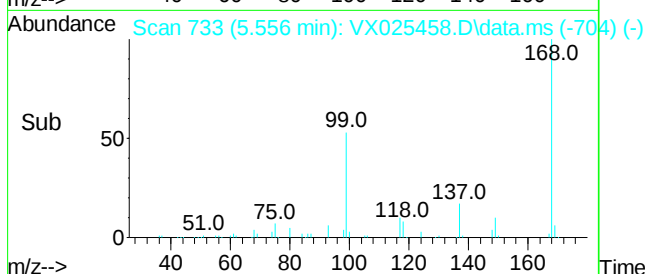
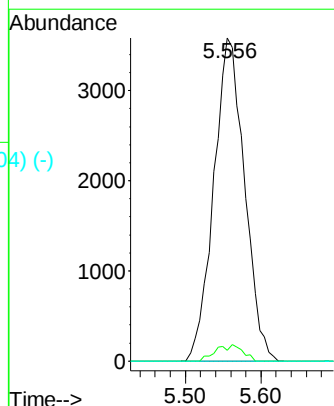
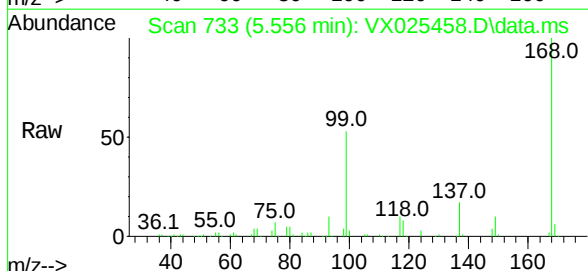
Tgt Ion: 117 Resp: 10116

Ion Ratio Lower Upper

117 100

119 3.2 75.6 113.4#

121 0.0 23.7 35.5#



Abundance Scan 1033 (7.385 min): VX025183.D\data.ms (-1029)

Methylcyclohexane

Concen: 23.64 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

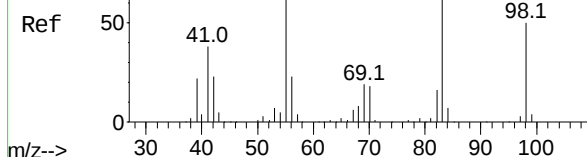
Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_D

ClientSampleId :



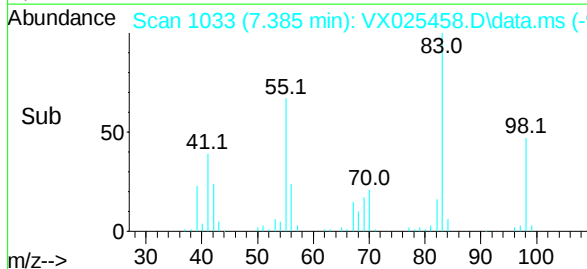
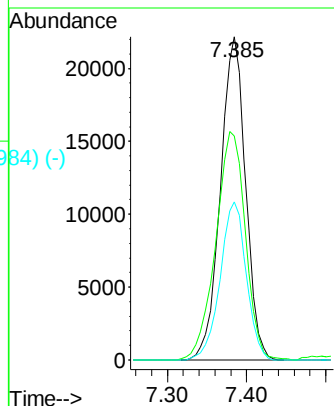
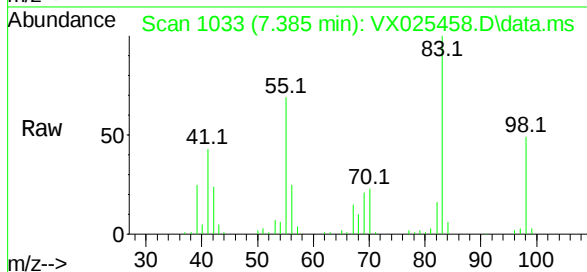
Tgt Ion: 83 Resp: 48977

Ion Ratio Lower Upper

83 100

55 69.0 60.8 91.2

98 48.9 37.0 55.4



Abundance Scan 813 (6.044 min): VX025183.D\data.ms (-800)

Benzene

Concen: 1229.89 ug/l

RT: 6.056 min Scan# 815

Delta R.T. 0.012 min

Lab File: VX025458.D

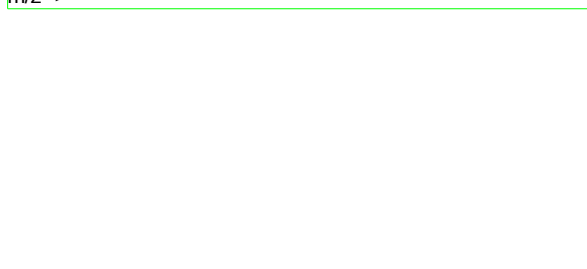
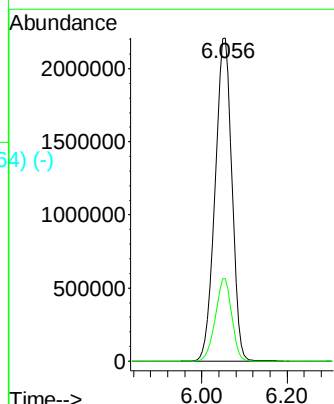
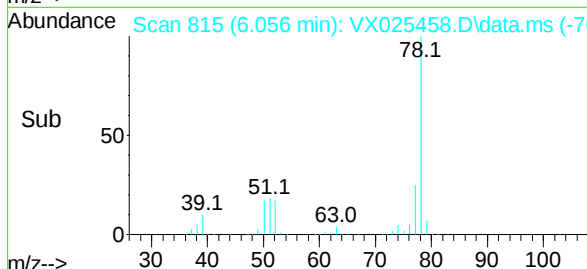
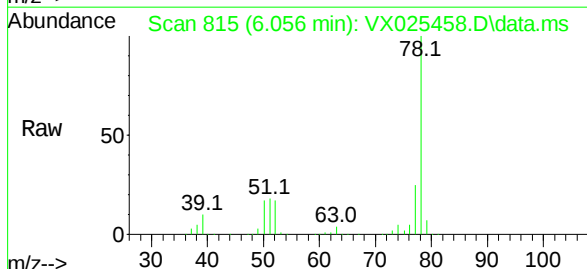
Acq: 03 Dec 2021 03:40

Tgt Ion: 78 Resp: 6017952

Ion Ratio Lower Upper

78 100

77 25.5 18.3 27.5



Abundance Scan 630 (4.928 min): VX025183.D\data.ms (-616) #41

Methacrylonitrile

Concen: 0.24 ug/l

RT: 4.952 min Scan# 1

Delta R.T. 0.024 min

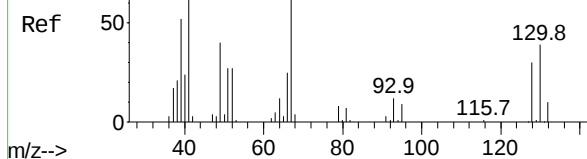
Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_D

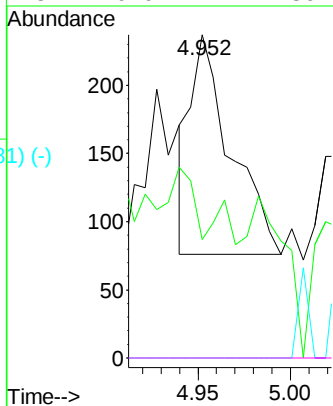
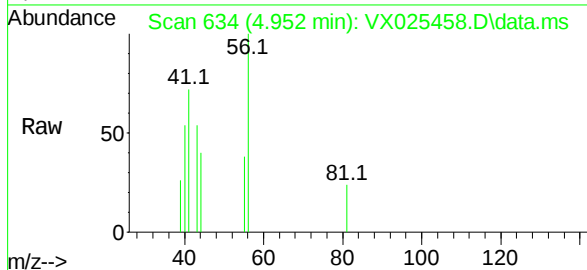
ClientSampleId :



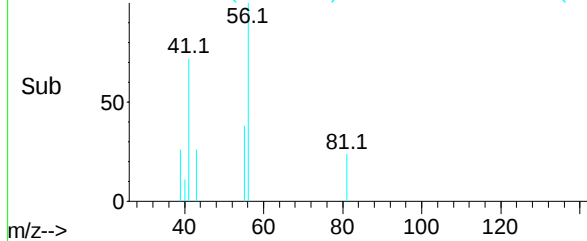
Tgt Ion: 41 Resp: 243

Ion Ratio Lower Upper

41	100		
39	0.0	44.6	67.0#
67	0.0	56.7	85.1#
52	0.0	24.4	36.6#



Abundance Scan 634 (4.952 min): VX025458.D\data.ms (-581) (-)



Abundance Scan 820 (6.086 min): VX025183.D\data.ms (-804) #42

1,2-Dichloroethane

Concen: 33.77 ug/l

RT: 6.056 min Scan# 815

Delta R.T. -0.030 min

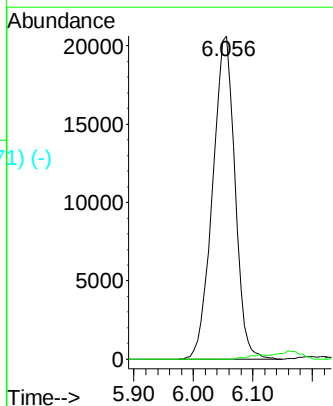
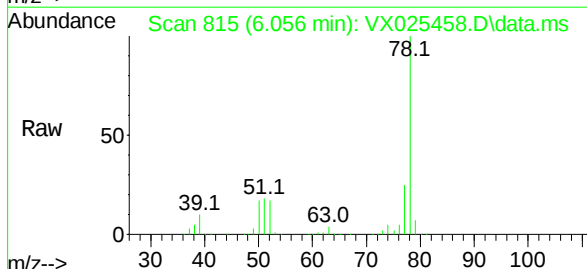
Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

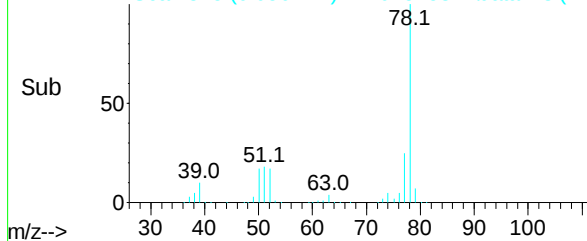
Tgt Ion: 62 Resp: 53764

Ion Ratio Lower Upper

62	100		
98	0.0	0.0	16.0



Abundance Scan 815 (6.056 min): VX025458.D\data.ms (-771) (-)



Abundance Scan 862 (6.342 min): VX025183.D\data.ms (-848) (-)

Isopropyl Acetate

Concen: 1.12 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

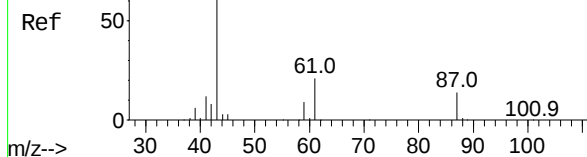
Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_D

ClientSampleId :



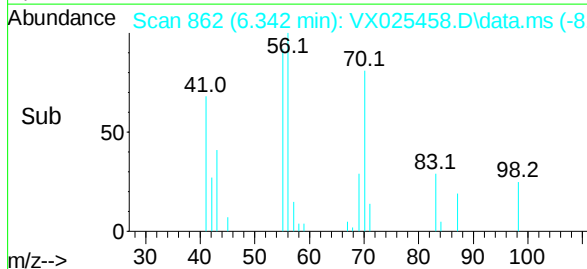
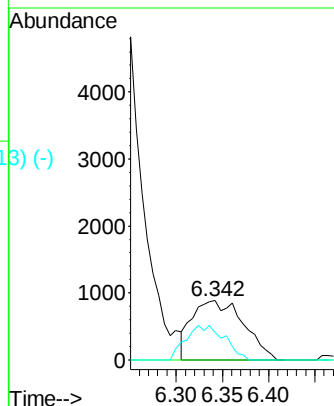
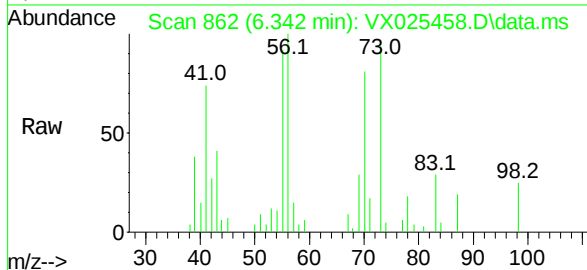
Tgt Ion: 43 Resp: 3426

Ion Ratio Lower Upper

43 100

61 0.0 15.3 22.9#

87 43.8 10.9 16.3#



Abundance Scan 1041 (7.434 min): VX025183.D\data.ms (-1024) (-)

1,2-Dichloropropane

Concen: 0.42 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.049 min

Lab File: VX025458.D

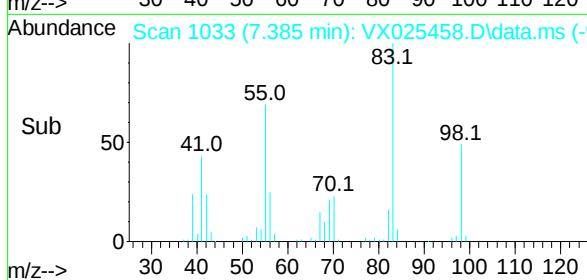
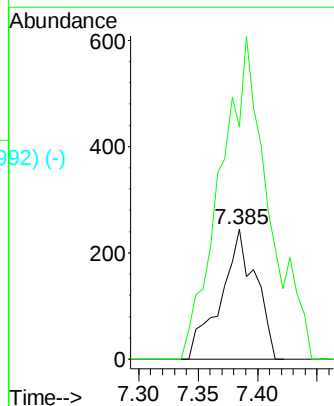
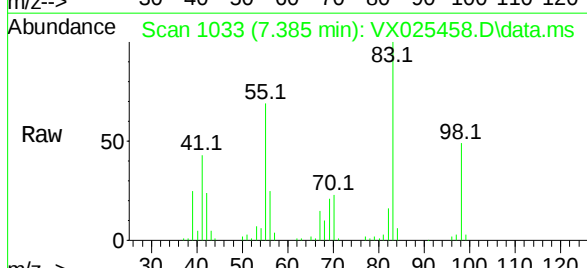
Acq: 03 Dec 2021 03:40

Tgt Ion: 63 Resp: 501

Ion Ratio Lower Upper

63 100

65 178.4 25.1 37.7#



Abundance Scan 1084 (7.696 min): VX025183.D\data.ms (-10694-)

Methyl methacrylate

Concen: 3.43 ug/l

RT: 7.659 min Scan# 1084

Delta R.T. -0.037 min

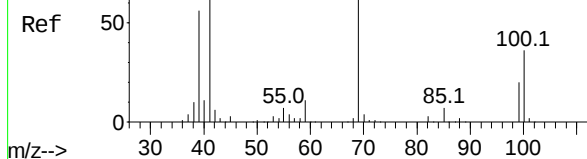
Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_D

ClientSampleId :



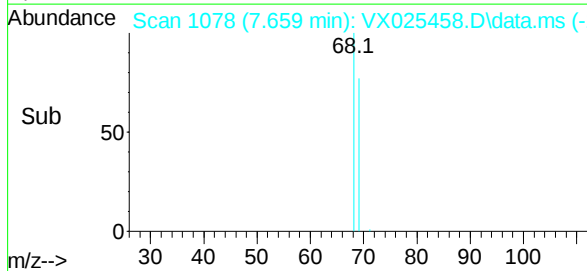
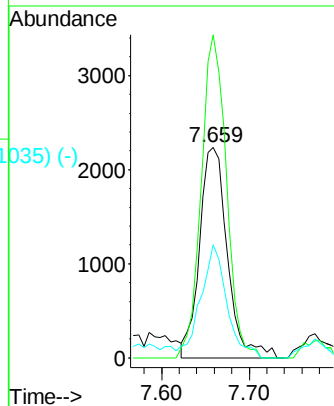
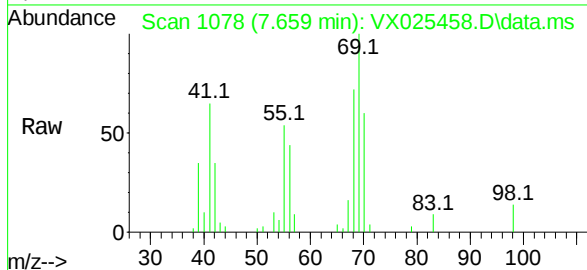
Tgt Ion: 41 Resp: 4929

Ion Ratio Lower Upper

41 100

69 139.1 64.5 96.7#

39 50.8 46.9 70.3



Abundance Scan 1241 (8.653 min): VX025183.D\data.ms (-12350-)

Toluene-d8

Concen: 50.81 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025458.D

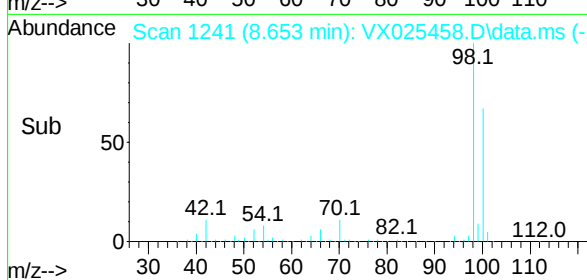
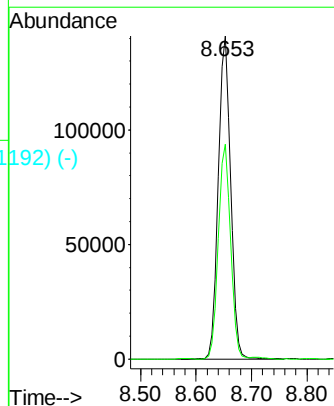
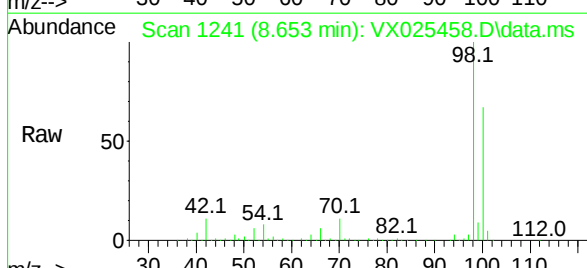
Acq: 03 Dec 2021 03:40

Tgt Ion: 98 Resp: 216999

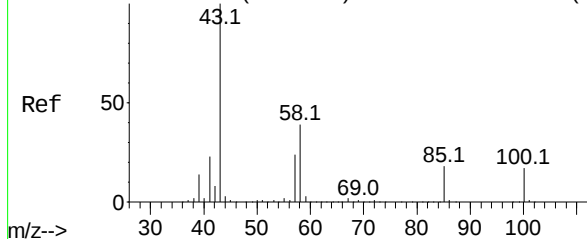
Ion Ratio Lower Upper

98 100

100 65.9 51.4 77.0



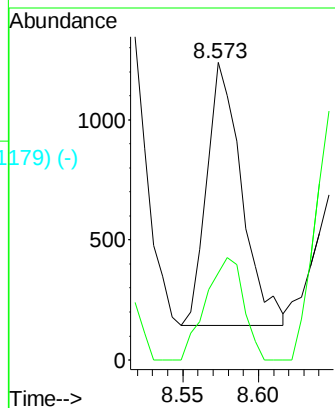
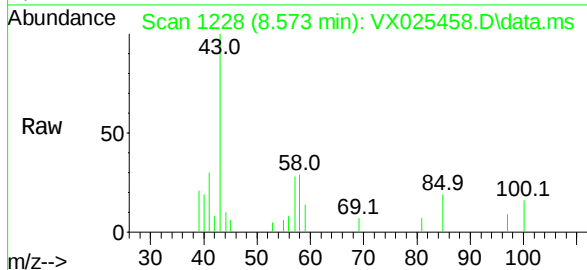
Abundance Scan 1228 (8.574 min): VX025183.D\data.ms (-1228) (-)



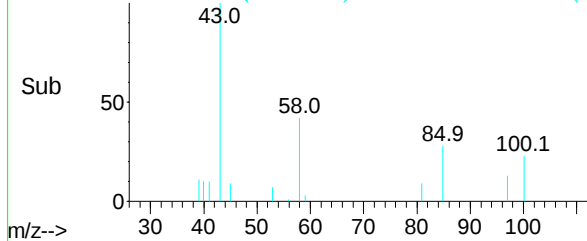
4-Methyl-2-Pentanone
Concen: 0.91 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

Instrument :
MSVOA_D
ClientSampleId :

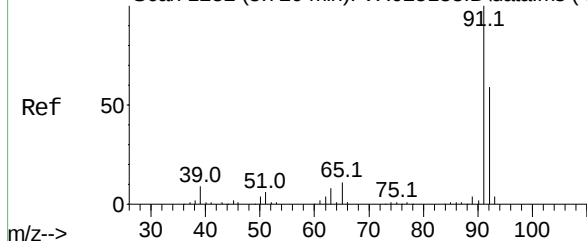
Tgt Ion: 43 Resp: 1751
Ion Ratio Lower Upper
43 100
58 42.2 30.9 46.3



Abundance Scan 1228 (8.573 min): VX025458.D\data.ms (-1179) (-)

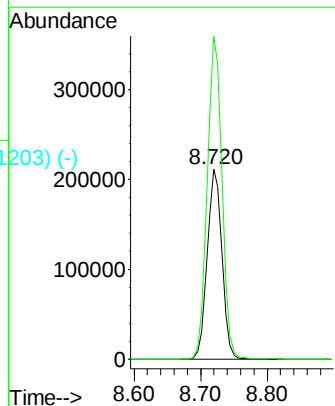
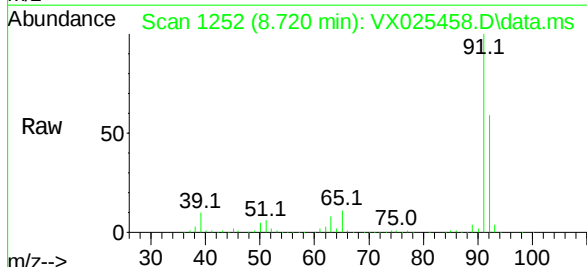


Abundance Scan 1252 (8.720 min): VX025183.D\data.ms (-1245) (-)

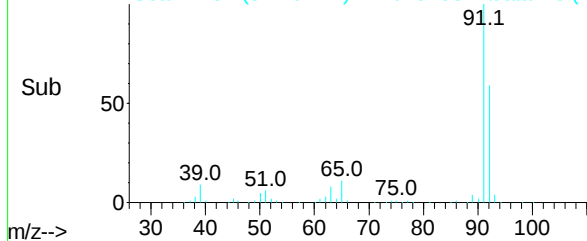


Toluene
Concen: 101.37 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

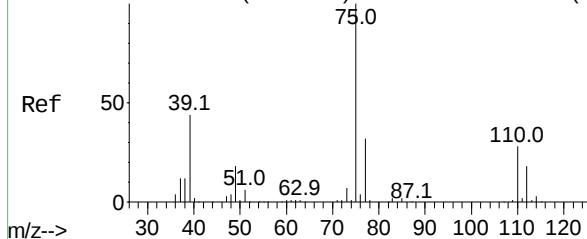
Tgt Ion: 92 Resp: 323830
Ion Ratio Lower Upper
92 100
91 170.6 138.6 208.0



Abundance Scan 1252 (8.720 min): VX025458.D\data.ms (-1203) (-)



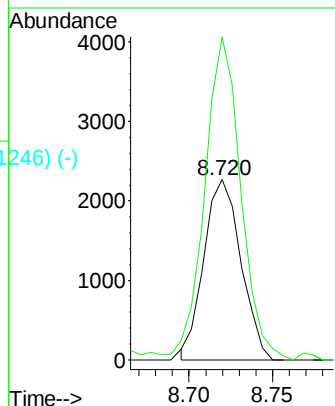
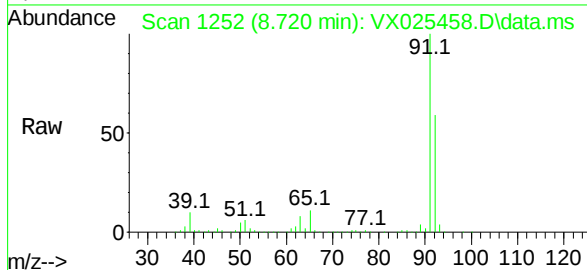
Abundance Scan 1295 (8.982 min): VX025183.D\data.ms (-1295)



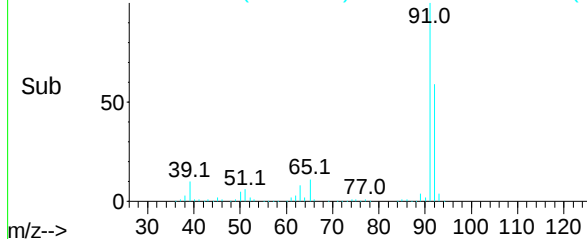
t-1,3-Dichloropropene
Concen: 1.84 ug/l
RT: 8.720 min Scan# 1295
Delta R.T. -0.262 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

Instrument :
MSVOA_D
ClientSampleId :

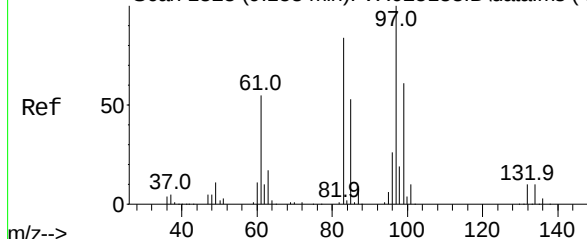
Tgt Ion: 75 Resp: 3499
Ion Ratio Lower Upper
75 100
77 176.7 25.6 38.4#



Abundance Scan 1252 (8.720 min): VX025458.D\data.ms (-1246) (-)

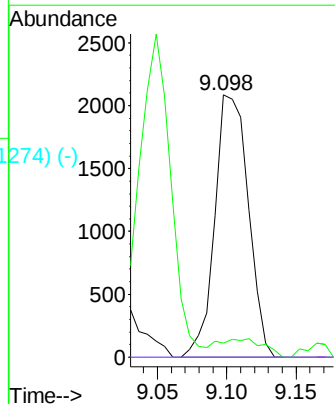
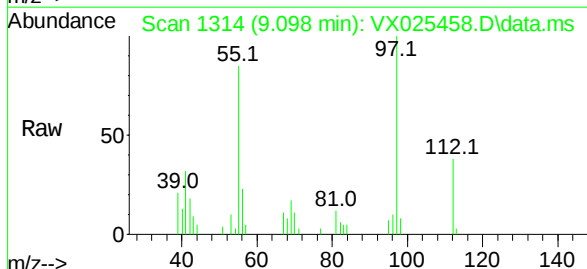


Abundance Scan 1323 (9.153 min): VX025183.D\data.ms (-1315)

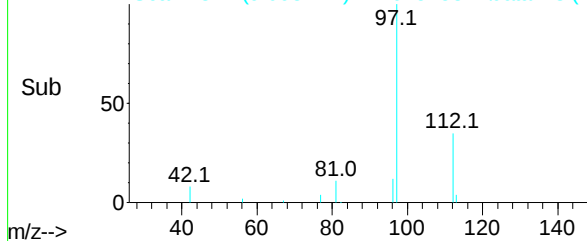


1,1,2-Trichloroethane
Concen: 2.75 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.055 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

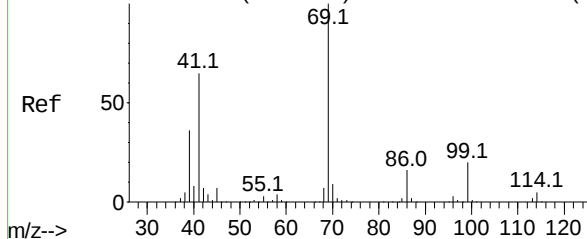
Tgt Ion: 97 Resp: 3495
Ion Ratio Lower Upper
97 100
83 5.3 69.2 103.8#
85 0.0 43.3 64.9#
99 0.0 49.1 73.7#



Abundance Scan 1314 (9.098 min): VX025458.D\data.ms (-1274) (-)



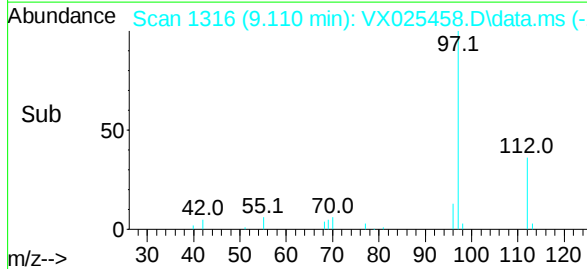
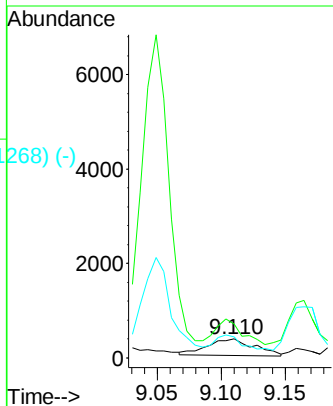
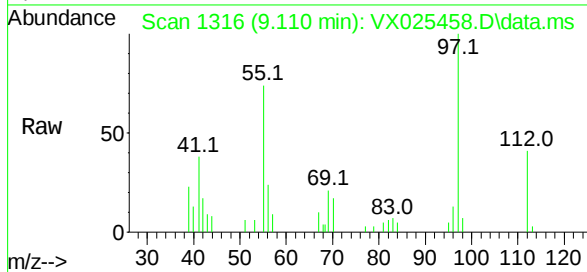
Abundance Scan 1317 (9.116 min): VX025183.D\data.ms (-13159)



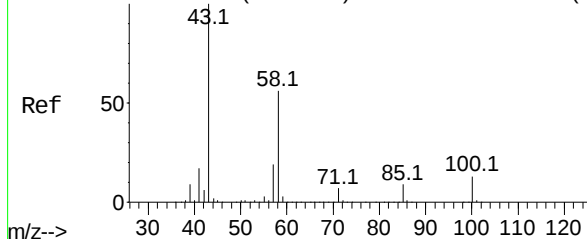
Ethyl methacrylate
Concen: 0.42 ug/l
RT: 9.110 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 69 Resp: 874
Ion Ratio Lower Upper
69 100
41 83.3 55.3 82.9#
39 43.9 30.2 45.4

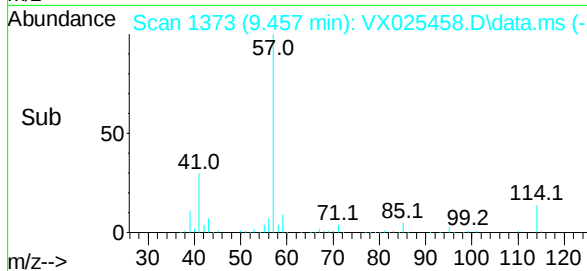
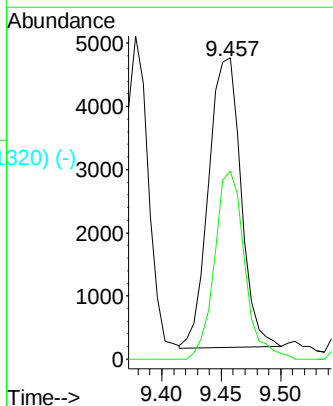
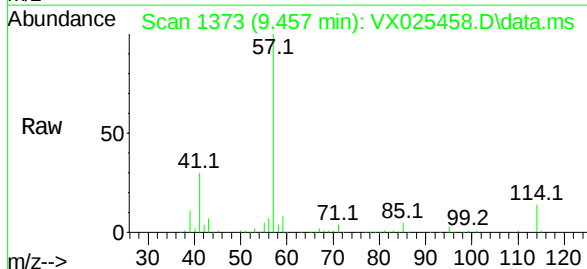


Abundance Scan 1369 (9.433 min): VX025183.D\data.ms (-13659)



2-Hexanone
Concen: 5.76 ug/l
RT: 9.457 min Scan# 1373
Delta R.T. 0.024 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

Tgt Ion: 43 Resp: 8707
Ion Ratio Lower Upper
43 100
58 60.3 26.6 79.7



Abundance Scan 1639 (11.079 min): VX025183.D\data.ms (-1639) (-)

4-Bromofluorobenzene

Concen: 49.68 ug/l

RT: 11.085 min Scan# 1639

Delta R.T. 0.006 min

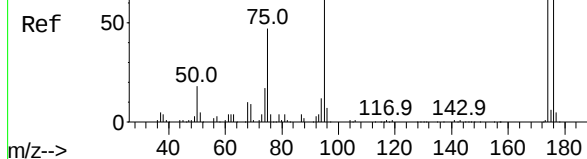
Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_D

ClientSampleId :



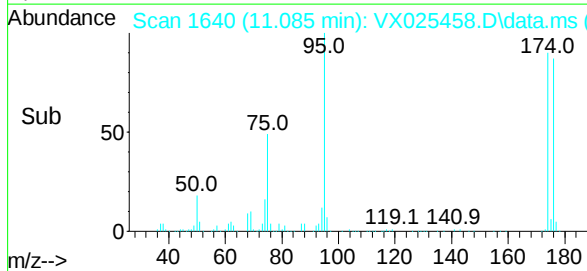
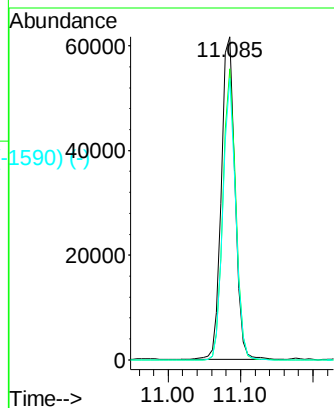
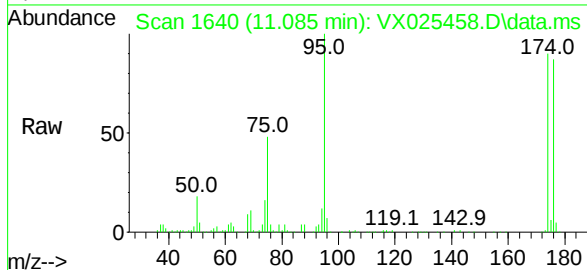
Tgt Ion: 95 Resp: 80275

Ion Ratio Lower Upper

95 100

174 84.6 0.0 158.0

176 81.2 0.0 153.6



Abundance Scan 1471 (10.055 min): VX025183.D\data.ms (-1469) (-)

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

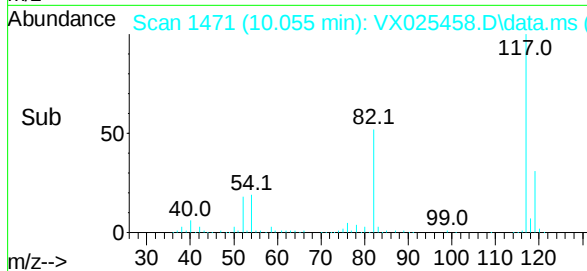
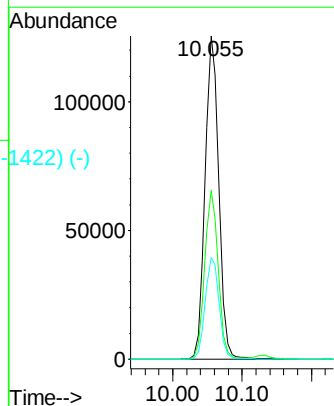
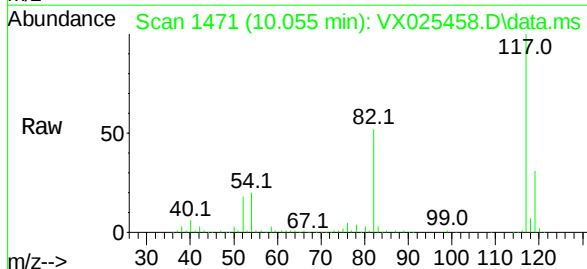
Tgt Ion: 117 Resp: 171597

Ion Ratio Lower Upper

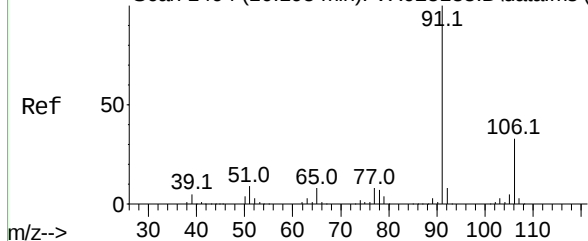
117 100

82 52.2 44.6 67.0

119 31.4 24.8 37.2



Abundance Scan 1494 (10.195 min): VX025183.D\data.ms (-1467)



Ethyl Benzene

Concen: 624.74 ug/l

RT: 10.201 min Scan#

Delta R.T. 0.006 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_D

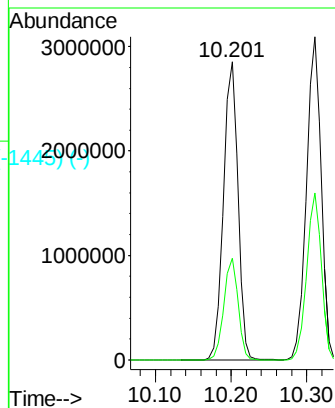
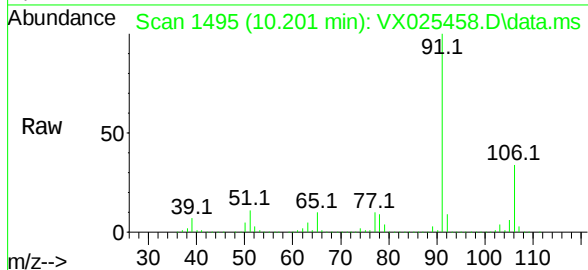
ClientSampleId :

Tgt Ion: 91 Resp: 3775220

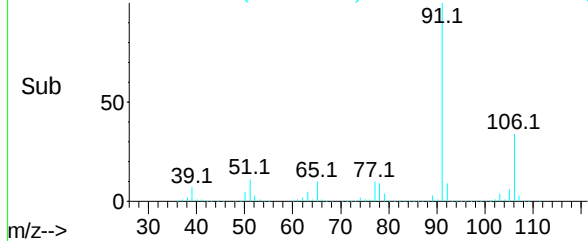
Ion Ratio Lower Upper

91 100

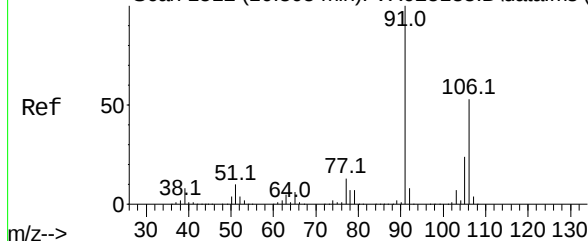
106 34.1 24.7 37.1



Abundance Scan 1495 (10.201 min): VX025458.D\data.ms (-1445)



Abundance Scan 1512 (10.305 min): VX025183.D\data.ms (-1568)



m/p-Xylenes

Concen: 874.27 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.006 min

Lab File: VX025458.D

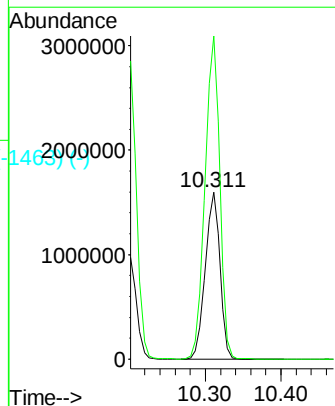
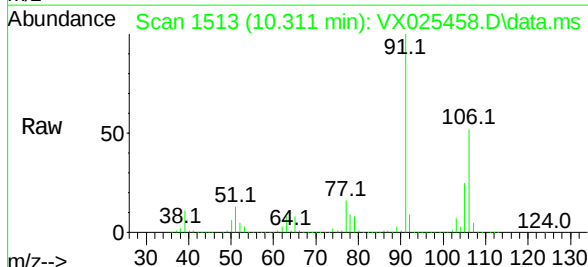
Acq: 03 Dec 2021 03:40

Tgt Ion:106 Resp: 2157922

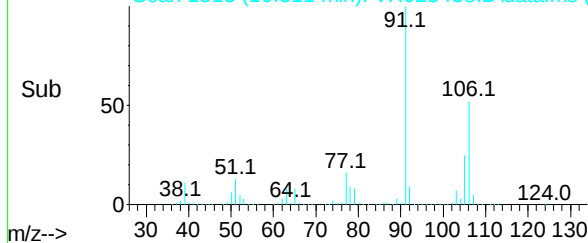
Ion Ratio Lower Upper

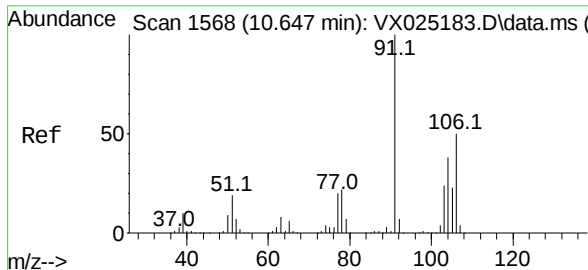
106 100

91 194.4 163.4 245.0



Abundance Scan 1513 (10.311 min): VX025458.D\data.ms (-1465)

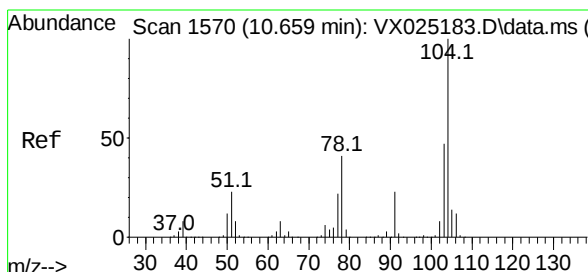
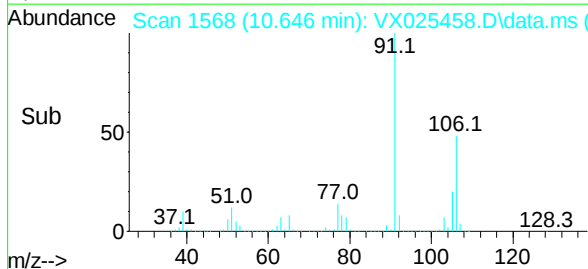
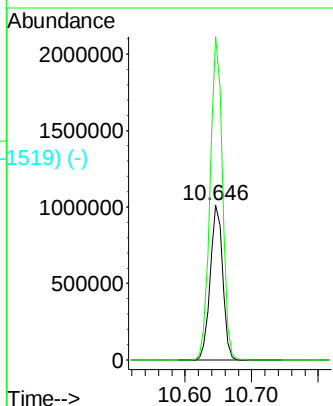
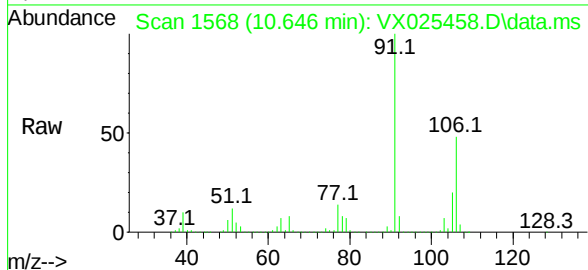




o-Xylene
Concen: 543.96 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

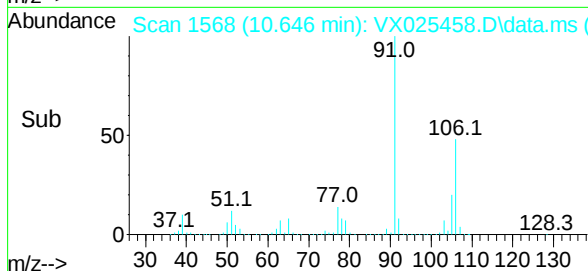
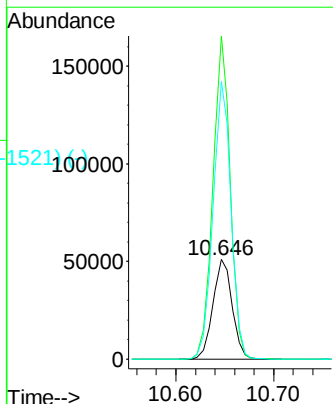
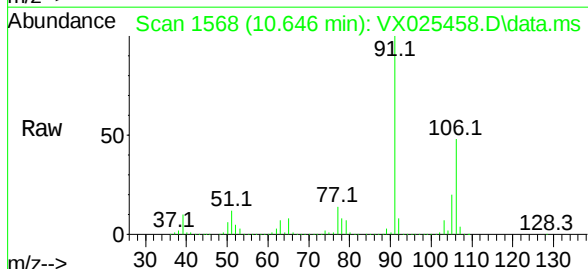
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 1314089
Ion Ratio Lower Upper
106 100
91 206.7 109.5 328.4



Styrene
Concen: 17.33 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.013 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

Tgt Ion:104 Resp: 69152
Ion Ratio Lower Upper
104 100
78 292.5 41.3 61.9#
103 261.8 43.5 65.3#



Abundance Scan 1794 (12.024 min): VX025183.D\data.ms (-1759) (-)

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

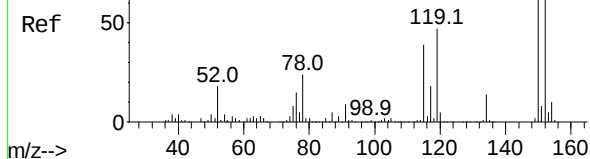
Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_D

ClientSampleId :



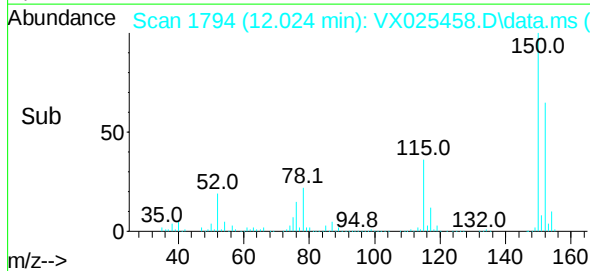
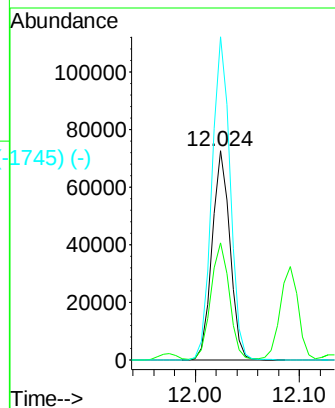
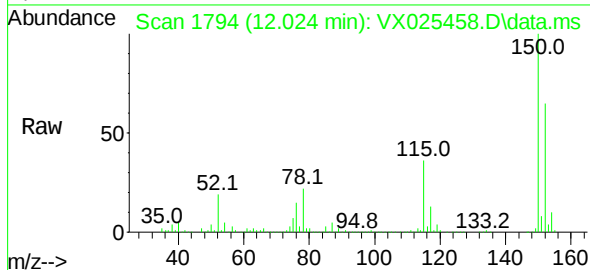
Tgt Ion:152 Resp: 86310

Ion Ratio Lower Upper

152 100

115 57.7 43.3 129.8

150 157.7 0.0 351.2



Abundance Scan 1620 (10.964 min): VX025183.D\data.ms (-1673) (-)

Isopropylbenzene

Concen: 40.77 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.001 min

Lab File: VX025458.D

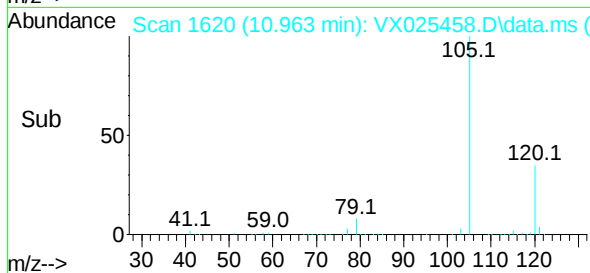
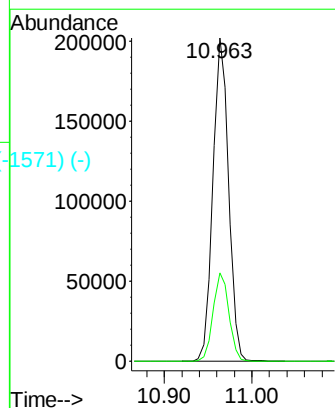
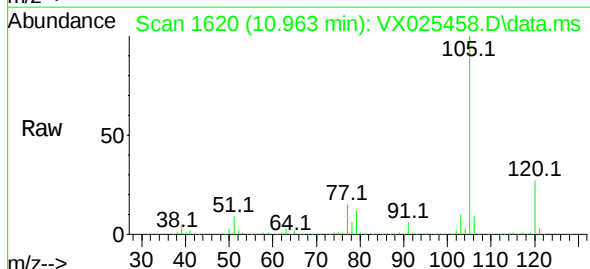
Acq: 03 Dec 2021 03:40

Tgt Ion:105 Resp: 250765

Ion Ratio Lower Upper

105 100

120 27.5 13.3 39.8



Abundance Scan 1600 (10.842 min): VX025183.D\data.ms (-1554) (-)

N-amyI acetate

Concen: 0.24 ug/l

RT: 10.853 min Scan#

Delta R.T. 0.011 min

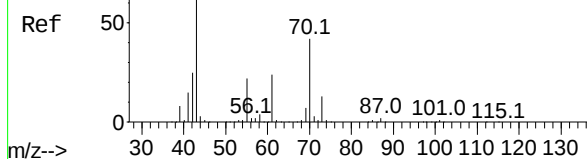
Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 631

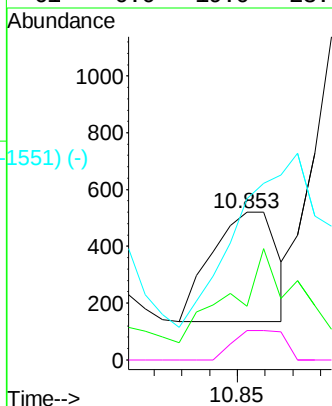
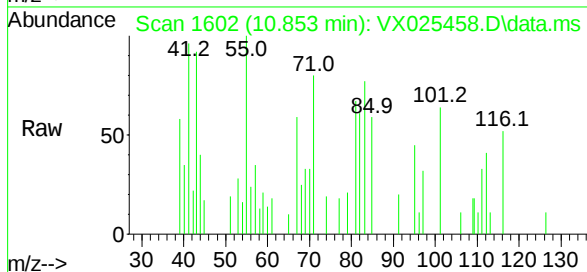
Ion Ratio Lower Upper

43 100

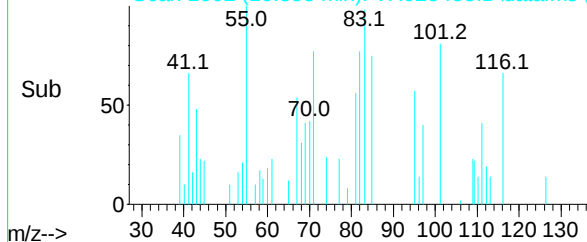
70 97.1 33.7 50.5#

55 198.4 19.7 29.5#

61 0.0 19.0 28.4#



Abundance Scan 1602 (10.853 min): VX025458.D\data.ms (-1551) (-)



Abundance Scan 1666 (11.244 min): VX025183.D\data.ms (-1676) (-)

1,2,3-Trichloropropane

Concen: 2.25 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.061 min

Lab File: VX025458.D

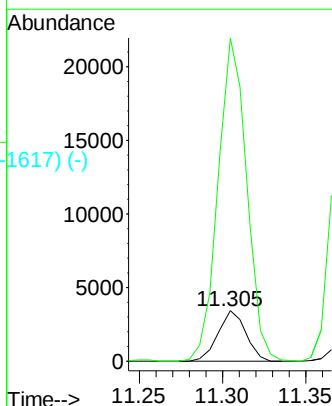
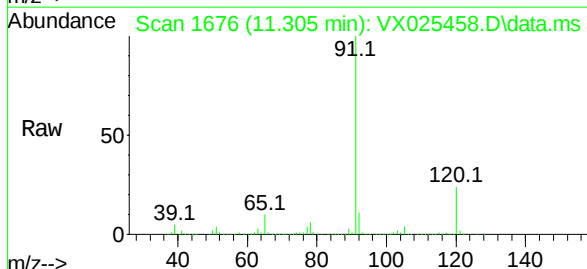
Acq: 03 Dec 2021 03:40

Tgt Ion: 75 Resp: 3984

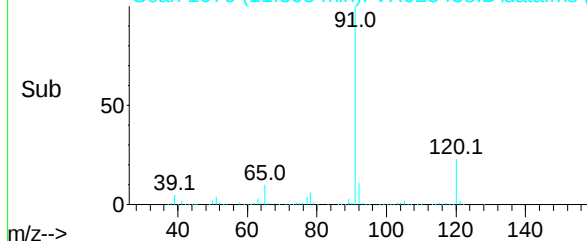
Ion Ratio Lower Upper

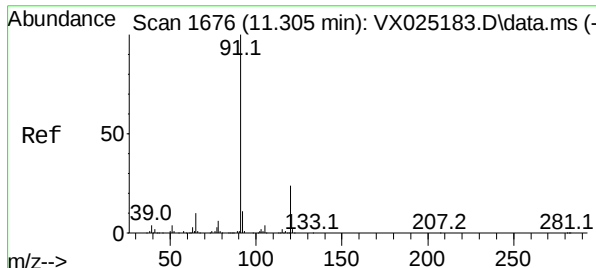
75 100

77 666.1 20.0 59.9#



Abundance Scan 1676 (11.305 min): VX025458.D\data.ms (-1617) (-)

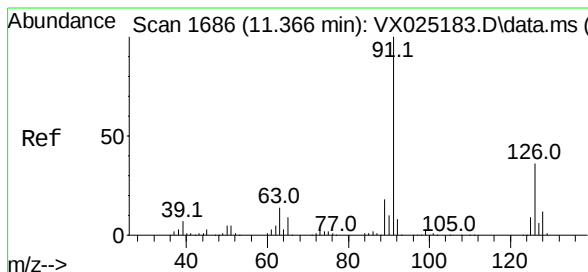
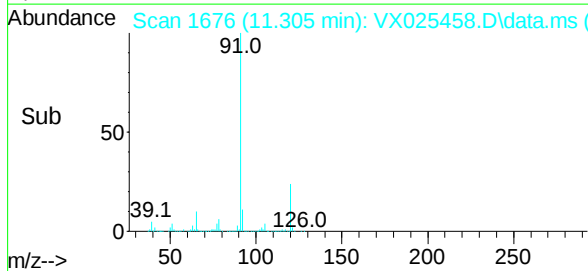
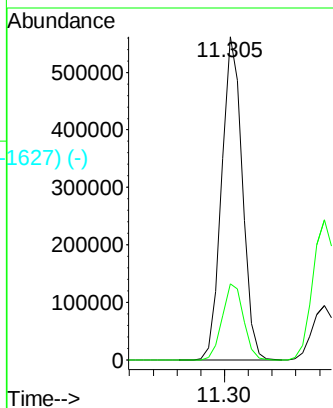
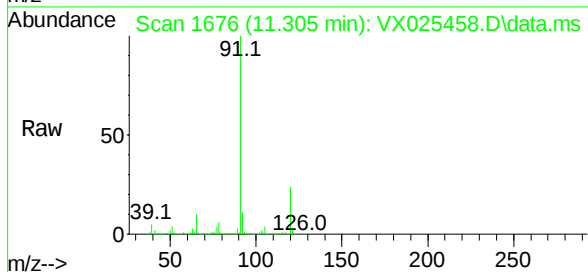




Scan 1676 (11.305 min): VX025183.D\data.ms (-1676) (-)
 n-propylbenzene
 Concen: 98.53 ug/l
 RT: 11.305 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: VX025458.D
 Acq: 03 Dec 2021 03:40

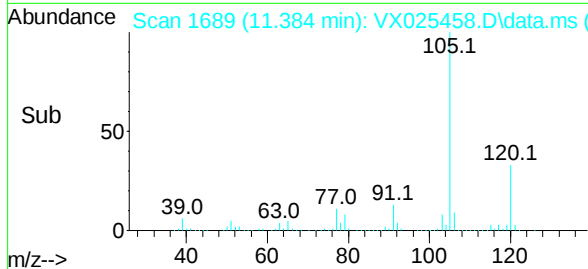
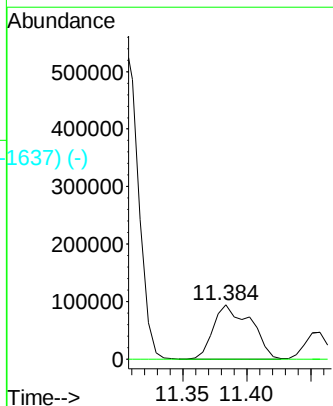
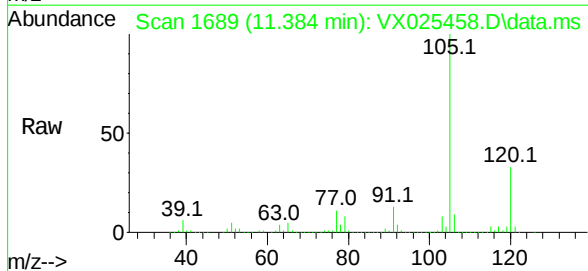
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 91 Resp: 680351
 Ion Ratio Lower Upper
 91 100
 120 24.2 11.7 35.0



Scan 1686 (11.366 min): VX025183.D\data.ms (-1686) (-)
 2-Chlorotoluene
 Concen: 45.59 ug/l
 RT: 11.384 min Scan# 1689
 Delta R.T. 0.018 min
 Lab File: VX025458.D
 Acq: 03 Dec 2021 03:40

Tgt Ion: 91 Resp: 191644
 Ion Ratio Lower Upper
 91 100
 126 0.1 17.0 50.9#



Abundance Scan 1700 (11.451 min): VX025183.D\data.ms (-1650) (-)

1,3,5-Trimethylbenzene

Concen: 105.83 ug/l

RT: 11.457 min Scan# 1650

Delta R.T. 0.006 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_D

ClientSampleId :

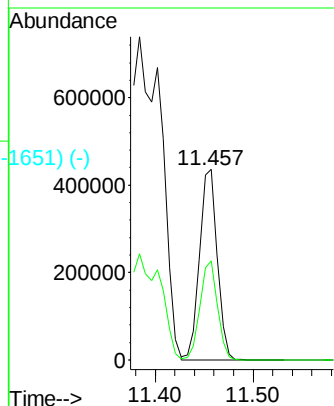
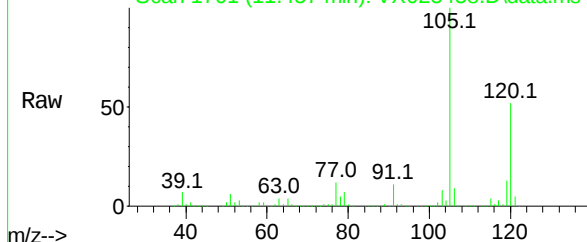
Tgt Ion:105 Resp: 547222

Ion Ratio Lower Upper

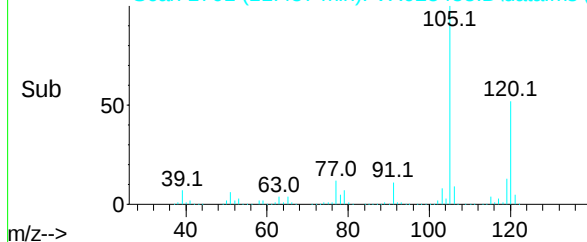
105 100

120 51.1 23.8 71.5

Abundance Scan 1701 (11.457 min): VX025458.D\data.ms



Abundance Scan 1701 (11.457 min): VX025458.D\data.ms (-1651) (-)



Abundance Scan 1629 (11.018 min): VX025183.D\data.ms (-1620) (-)

trans-1,4-Dichloro-2-butene

Concen: 3.93 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.055 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Tgt Ion: 75 Resp: 2758

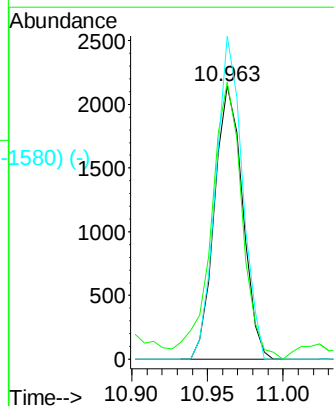
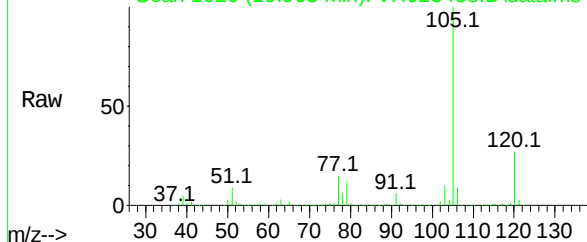
Ion Ratio Lower Upper

75 100

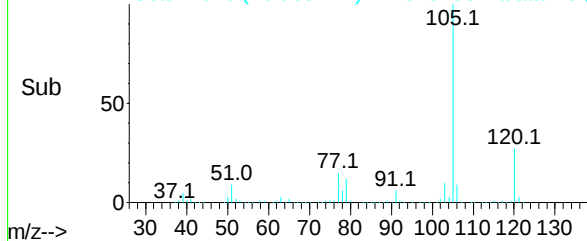
53 111.1 81.9 122.9

89 112.2 38.2 57.2#

Abundance Scan 1620 (10.963 min): VX025458.D\data.ms



Abundance Scan 1620 (10.963 min): VX025458.D\data.ms (-1580) (-)



Abundance Scan 1701 (11.457 min): VX025183.D\data.ms (-1652) (-)

4-Chlorotoluene

Concen: 12.03 ug/l

RT: 11.457 min Scan# 1652

Delta R.T. 0.000 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_D

ClientSampleId :

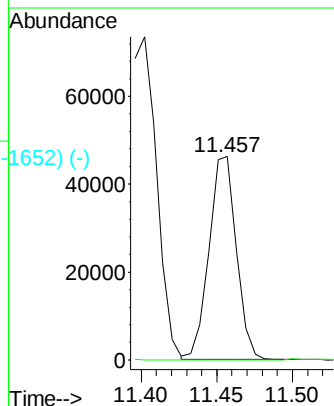
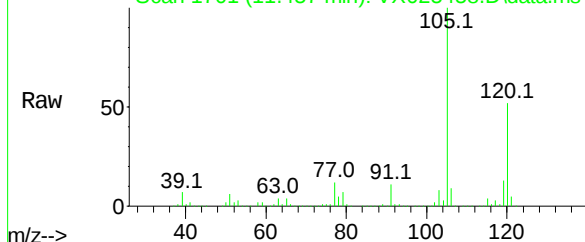
Tgt Ion: 91 Resp: 57713

Ion Ratio Lower Upper

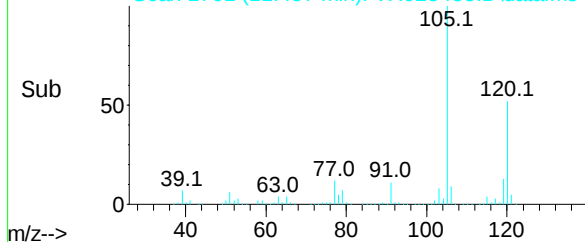
91 100

126 0.0 14.9 44.5#

Abundance Scan 1701 (11.457 min): VX025458.D\data.ms



Abundance Scan 1701 (11.457 min): VX025458.D\data.ms (-1652) (-)



Abundance Scan 1744 (11.720 min): VX025183.D\data.ms (-1736) (-)

tert-Butylbenzene

Concen: 61.70 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.036 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Tgt Ion: 119 Resp: 324218

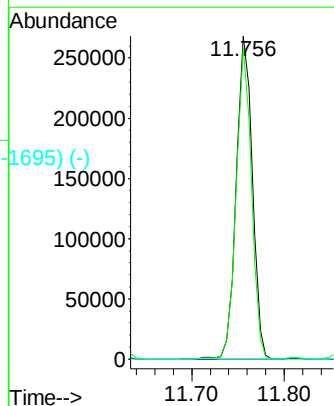
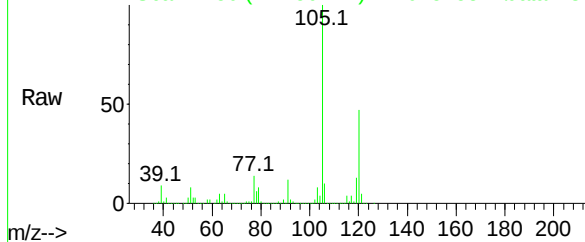
Ion Ratio Lower Upper

119 100

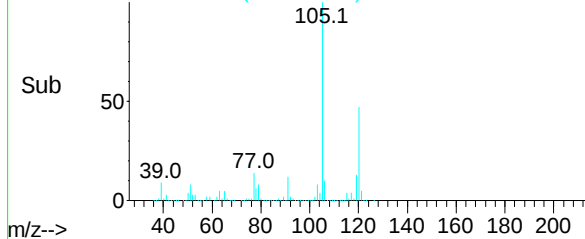
91 91.4 30.3 90.9#

134 0.0 11.4 34.1#

Abundance Scan 1750 (11.756 min): VX025458.D\data.ms



Abundance Scan 1750 (11.756 min): VX025458.D\data.ms (-1695) (-)



Abundance Scan 1750 (11.756 min): VX025183.D\data.ms (-1784) (-)

1,2,4-Trimethylbenzene

Concen: 507.22 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:105 Resp: 2592067

Ion Ratio Lower Upper

105 100

120 47.2 22.1 66.3

Abundance Scan 1750 (11.756 min): VX025458.D\data.ms

Ref

51.1 77.0 105.1 164.7

m/z-->

Abundance

Raw

39.1 57.9 77.1 105.1 123.1

m/z-->

Abundance Scan 1750 (11.756 min): VX025458.D\data.ms (-1701) (-)

Sub

39.1 57.9 77.0 105.1 123.1

m/z-->

Abundance

11.756

2000000

1500000

1000000

500000

0

Time-->

Abundance Scan 1772 (11.890 min): VX025183.D\data.ms (-1785) (-)

sec-Butylbenzene

Concen: 405.75 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.134 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Tgt Ion:105 Resp: 2592049

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#

Abundance Scan 1750 (11.756 min): VX025458.D\data.ms

Ref

35.8 51.0 77.1 105.1 134.0

m/z-->

Abundance

Raw

39.1 59.1 77.1 105.1 120.1

m/z-->

Abundance Scan 1750 (11.756 min): VX025458.D\data.ms (-1723) (-)

Sub

39.0 59.0 77.0 105.1 120.1

m/z-->

Abundance

11.756

2000000

1500000

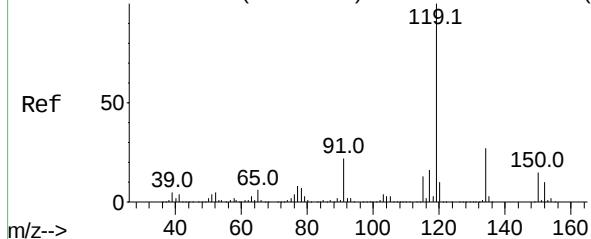
1000000

500000

0

Time-->

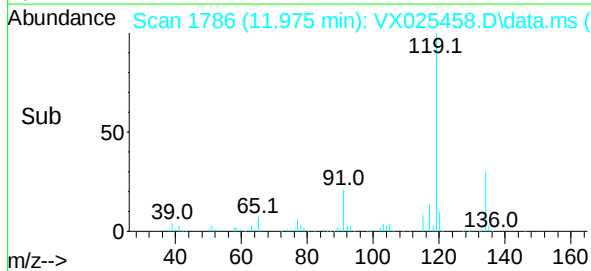
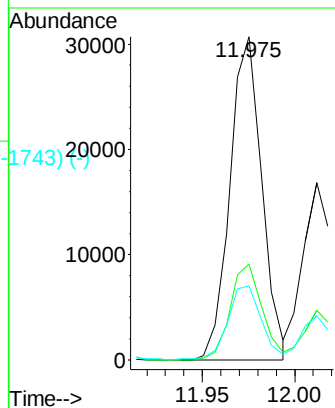
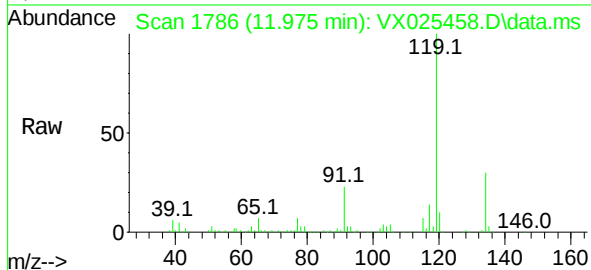
Abundance Scan 1792 (12.012 min): VX025183.D\data.ms (-1786) (-)



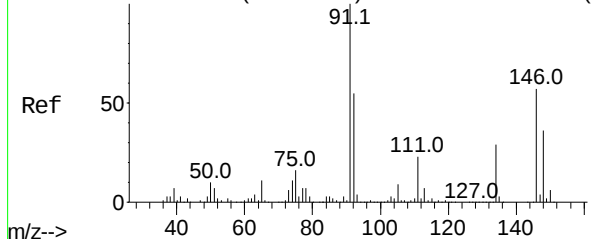
p-Isopropyltoluene
Concen: 6.68 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.037 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 36641
Ion Ratio Lower Upper
119 100
134 29.6 13.2 39.5
91 24.3 12.4 37.0

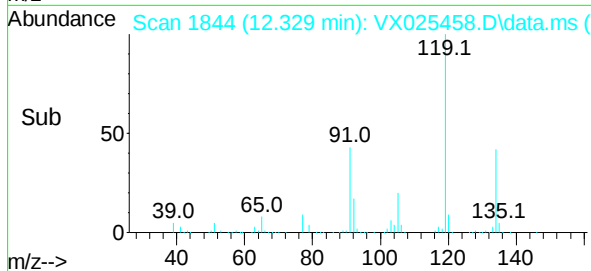
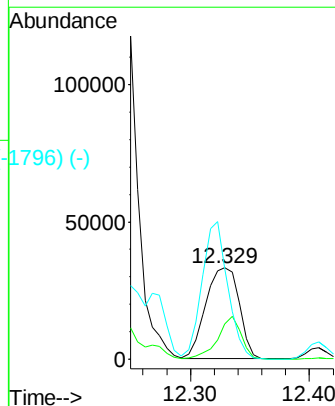
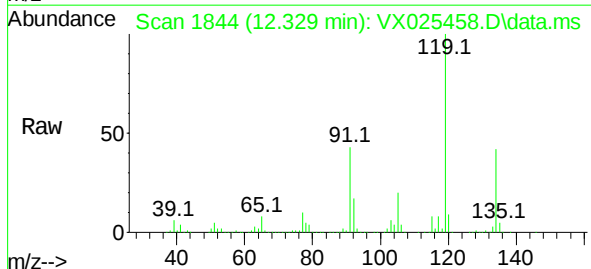


Abundance Scan 1845 (12.335 min): VX025183.D\data.ms (-1839) (-)



n-Butylbenzene
Concen: 14.05 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

Tgt Ion: 91 Resp: 64991
Ion Ratio Lower Upper
91 100
92 33.2 26.3 78.8
134 116.1 13.0 38.9#



Abundance Scan 1879 (12.543 min): VX025183.D\data.ms (-1879) (-)

Hexachloroethane

Concen: 25.00 ug/l

RT: 12.615 min Scan# 1879

Delta R.T. 0.072 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_D

ClientSampleId :

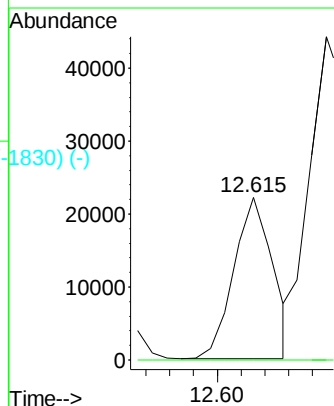
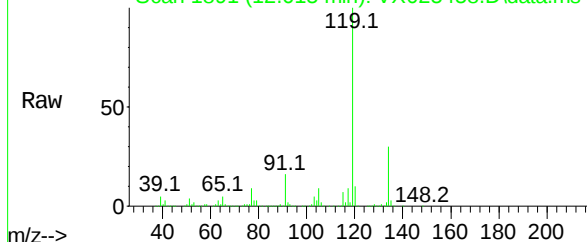
Tgt Ion:117 Resp: 25288

Ion Ratio Lower Upper

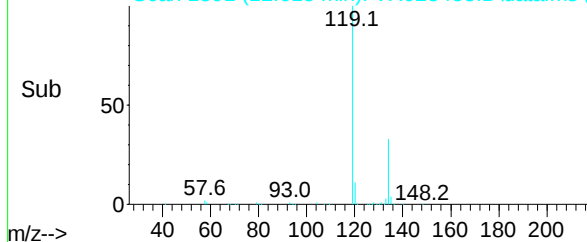
117 100

201 0.0 38.9 116.6#

Abundance Scan 1891 (12.615 min): VX025458.D\data.ms



Abundance Scan 1891 (12.615 min): VX025458.D\data.ms (-1830) (-)



Abundance Scan 1945 (12.945 min): VX025183.D\data.ms (-1938) (-)

1,2-Dibromo-3-Chloropropane

Concen: 3.38 ug/l

RT: 12.963 min Scan# 1948

Delta R.T. 0.018 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Tgt Ion: 75 Resp: 1405

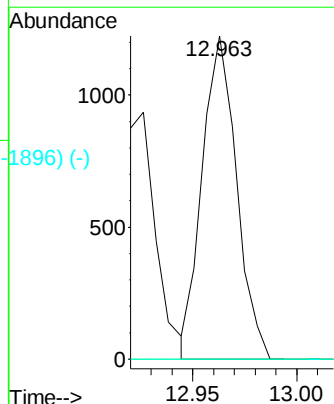
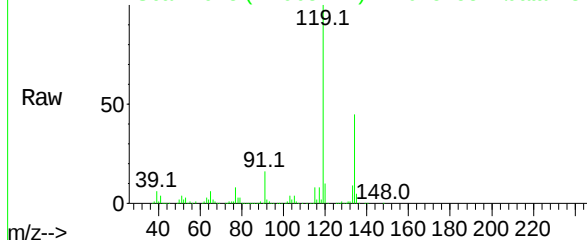
Ion Ratio Lower Upper

75 100

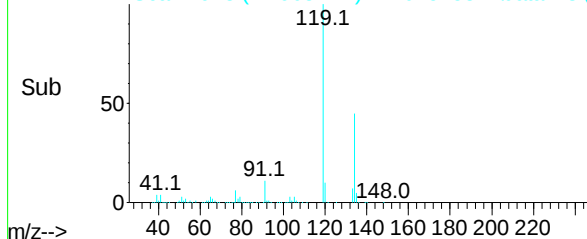
155 0.0 43.1 129.3#

157 0.0 53.6 160.9#

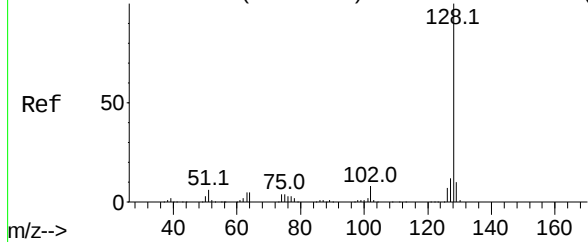
Abundance Scan 1948 (12.963 min): VX025458.D\data.ms



Abundance Scan 1948 (12.963 min): VX025458.D\data.ms (-1896) (-)



Abundance Scan 2082 (13.780 min): VX025183.D\data.ms (-2095) (-)



Naphthalene

Concen: 225.38 ug/l

RT: 13.780 min Scan# 1

Delta R.T. -0.000 min

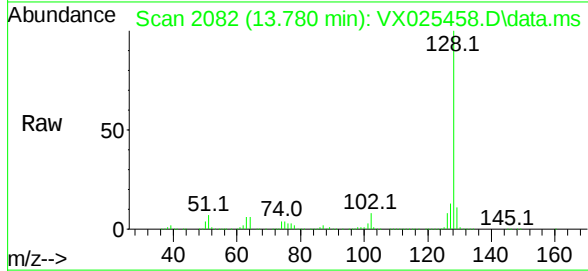
Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_D

ClientSampleId :



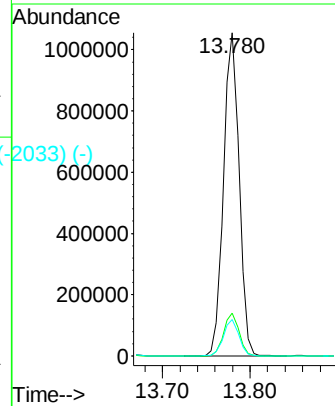
Tgt Ion:128 Resp: 1304867

Ion	Ratio	Lower	Upper
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128	100		
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127	13.1	10.3	15.5
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129	11.2	8.8	13.2
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Abundance Scan 2082 (13.780 min): VX025458.D\data.ms (-2033) (-)

