

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025449.D
 Acq On : 03 Dec 2021 00:09
 Operator : JC/MD
 Sample : M4917-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 03 06:13:23 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	108216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	183673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	62852	55.10	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.20%			
35) Dibromofluoromethane	5.391	113	56202	49.87	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.74%			
50) Toluene-d8	8.653	98	211649	49.95	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.90%			
62) 4-Bromofluorobenzene	11.085	95	72582	45.28	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.56%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	563	0.48	ug/l #	42
5) Bromomethane	1.611	94	213	0.39	ug/l #	64
6) Chloroethane	1.685	64	217	0.25	ug/l #	43
10) Methyl Iodide	2.465	142	573	0.46	ug/l #	72
11) Tert butyl alcohol	2.965	59	34451	117.35	ug/l	97
13) Acrolein	2.215	56	675	12.92	ug/l #	1
14) Allyl chloride	2.745	41	1757	0.97	ug/l #	1
15) Acrylonitrile	3.081	53	138	0.23	ug/l #	29
16) Acetone	2.380	43	3844	6.06	ug/l	95
17) Carbon Disulfide	2.514	76	1026	0.36	ug/l #	76
19) Methyl tert-butyl Ether	3.117	73	46472	13.30	ug/l	100
22) Diisopropyl ether	3.763	45	3171	0.92	ug/l #	83
23) Vinyl Acetate	3.763	43	1816	0.65	ug/l #	72
25) 2-Butanone	4.568	43	957	1.04	ug/l #	84
31) Cyclohexane	5.477	56	1955	1.11	ug/l	98
36) 1,1-Dichloropropene	5.550	75	7553	4.71	ug/l #	49
37) Ethyl Acetate	4.568	43	957	0.52	ug/l #	68
38) Carbon Tetrachloride	5.556	117	10121	5.73	ug/l #	18
39) Methylcyclohexane	7.385	83	695	0.34	ug/l #	88
40) Benzene	6.044	78	410095	84.48	ug/l	99
41) Methacrylonitrile	5.190	41	285	0.28	ug/l #	1
42) 1,2-Dichloroethane	6.044	62	3648	2.31	ug/l #	77
51) 4-Methyl-2-Pentanone	8.580	43	3374	1.77	ug/l	100
52) Toluene	8.720	92	25519	8.05	ug/l	97
59) 2-Hexanone	9.451	43	762	0.51	ug/l	90
67) Ethyl Benzene	10.195	91	149905	26.11	ug/l	97
68) m/p-Xylenes	10.305	106	68638	29.26	ug/l	96
69) o-Xylene	10.646	106	33211	14.47	ug/l	95
70) Styrene	10.640	104	1901	0.50	ug/l #	1
73) Isopropylbenzene	10.963	105	3935	0.74	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	35294	22.96	ug/l #	37
78) n-propylbenzene	11.305	91	7419	1.24	ug/l	98
79) 2-Chlorotoluene	11.378	91	2431	0.66	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.457	105	5122	1.14	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	35294	57.83	ug/l #	9

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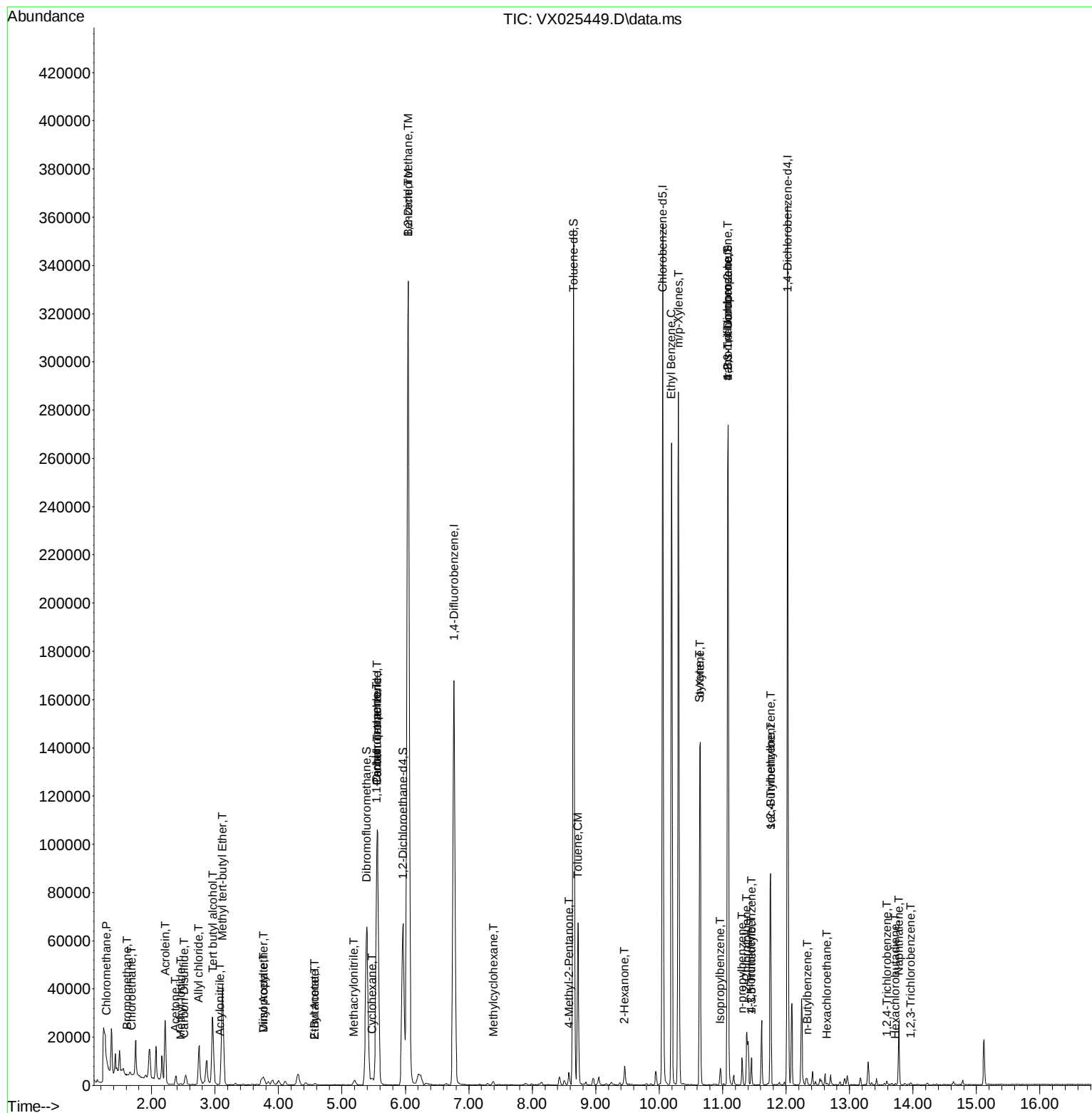
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.451	91	953	0.23	ug/l #	66
84) 1,2,4-Trimethylbenzene	11.756	105	39603	8.91	ug/l	96
85) sec-Butylbenzene	11.756	105	39603	7.13	ug/l #	56
89) n-Butylbenzene	12.335	91	1024	0.25	ug/l #	61
90) Hexachloroethane	12.646	117	458	0.52	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.591	180	331	0.23	ug/l	91
94) Hexachlorobutadiene	13.725	225	189	0.27	ug/l #	60
95) Naphthalene	13.780	128	16869	2.98	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	340	0.24	ug/l	90

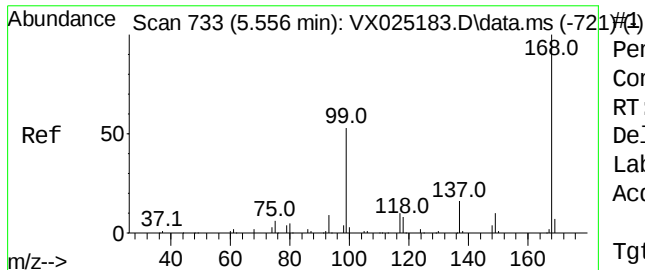
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.556 min Scan#

Delta R.T. -0.000 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Instrument :

MSVOA_D

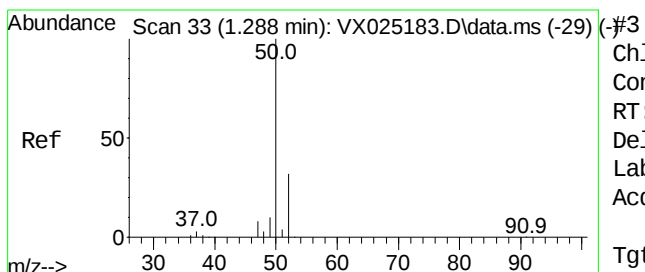
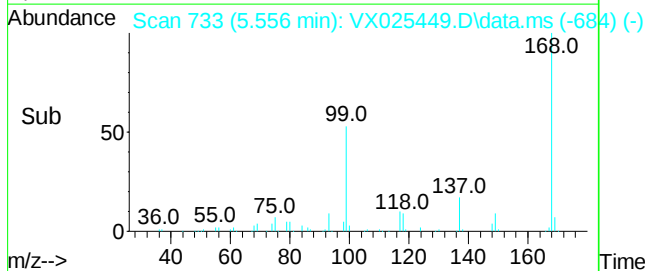
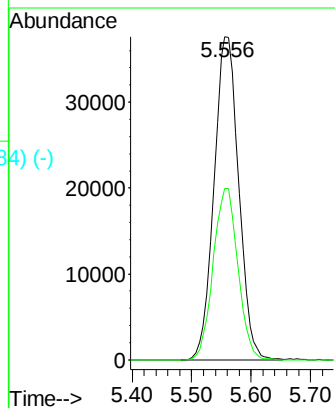
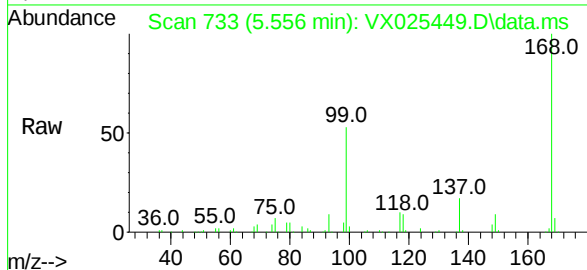
ClientSampleId :

Tgt Ion:168 Resp: 108216

Ion Ratio Lower Upper

168 100

99 53.1 46.4 69.6



Chloromethane

Concen: 0.48 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.006 min

Lab File: VX025449.D

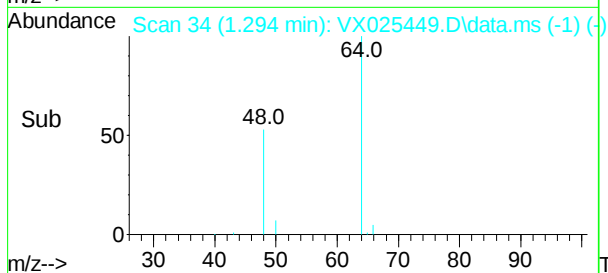
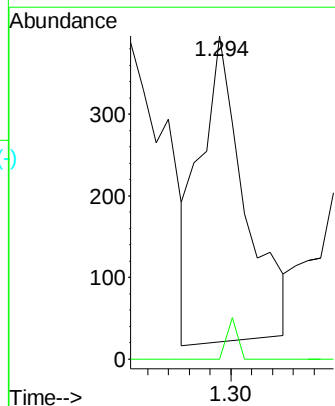
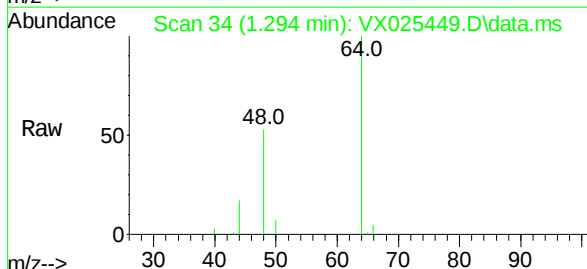
Acq: 03 Dec 2021 00:09

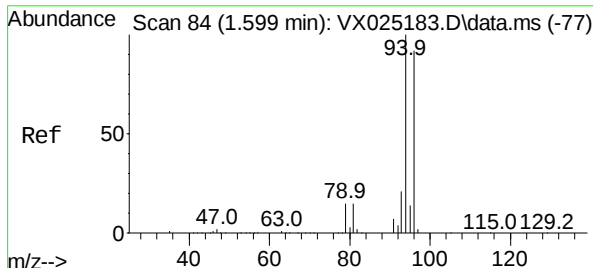
Tgt Ion: 50 Resp: 563

Ion Ratio Lower Upper

50 100

52 0.0 25.9 38.9#





Bromomethane

Concen: 0.39 ug/l

RT: 1.611 min Scan# 84

Delta R.T. 0.012 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Instrument :

MSVOA_D

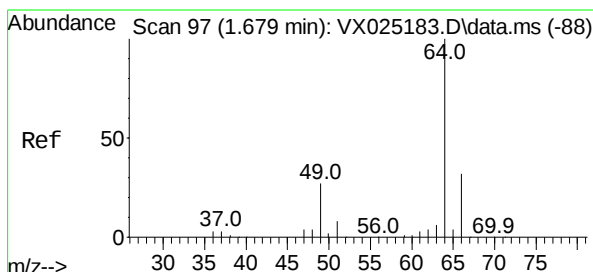
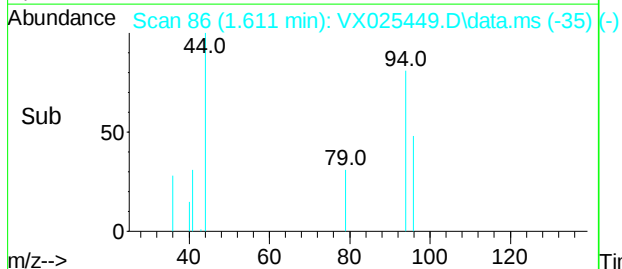
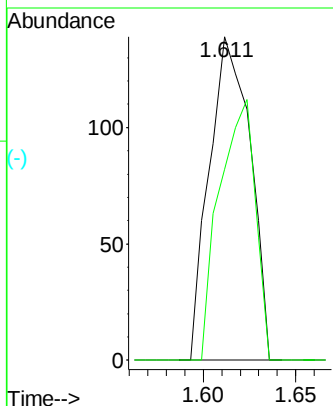
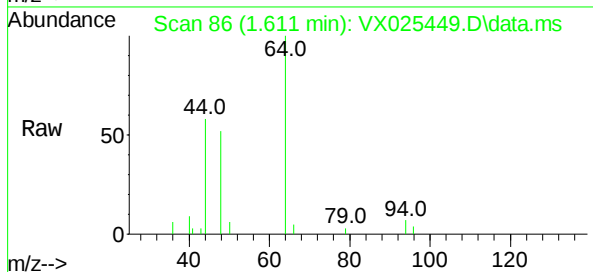
ClientSampleId :

Tgt Ion: 94 Resp: 213

Ion Ratio Lower Upper

94 100

96 59.0 74.8 112.2#



Chloroethane

Concen: 0.25 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.006 min

Lab File: VX025449.D

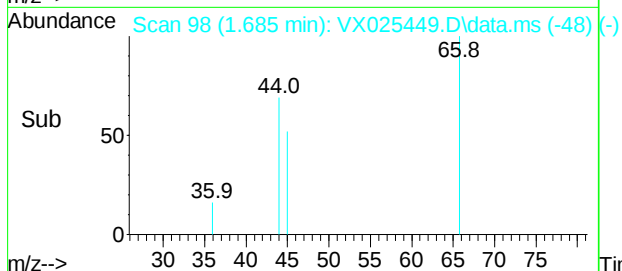
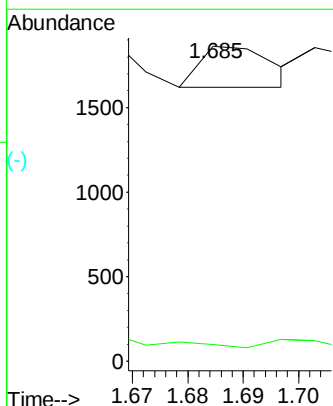
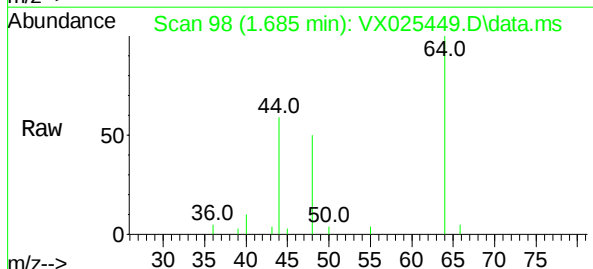
Acq: 03 Dec 2021 00:09

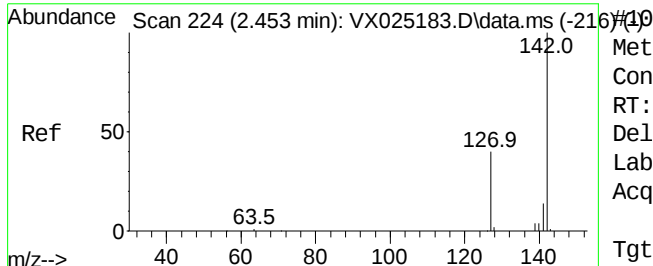
Tgt Ion: 64 Resp: 217

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#





Methyl Iodide

Concen: 0.46 ug/l

RT: 2.465 min Scan# 1

Delta R.T. 0.012 min MSVOA_D

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Instrument :

MSVOA_D

ClientSampleId :

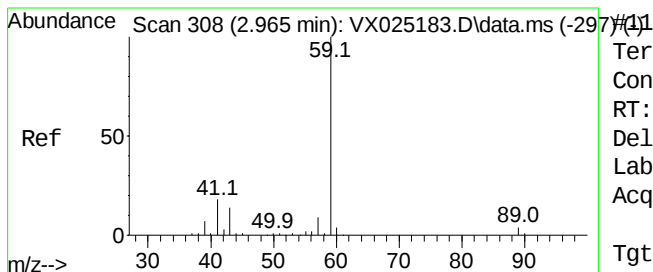
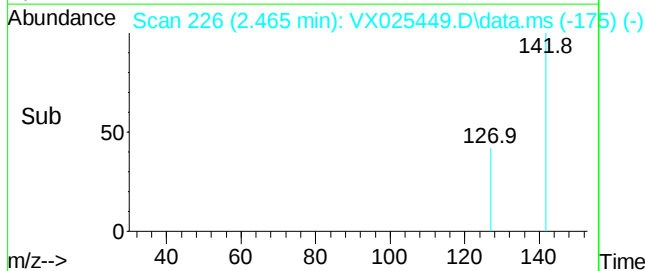
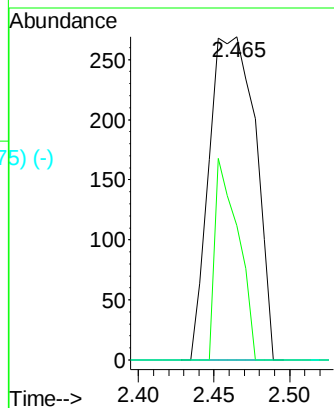
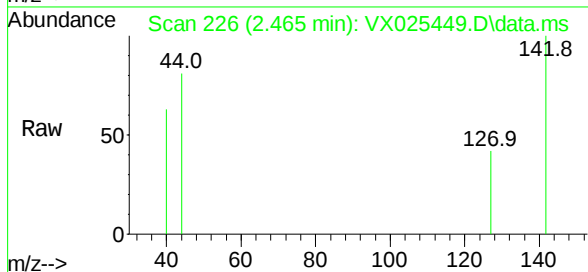
Tgt Ion:142 Resp: 573

Ion Ratio Lower Upper

142 100

127 31.4 38.9 58.3#

141 0.0 11.7 17.5#



Tert butyl alcohol

Concen: 117.35 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.000 min

Lab File: VX025449.D

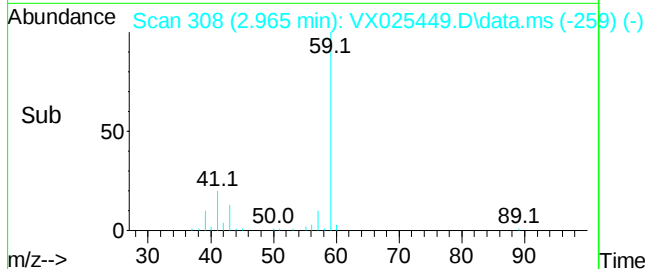
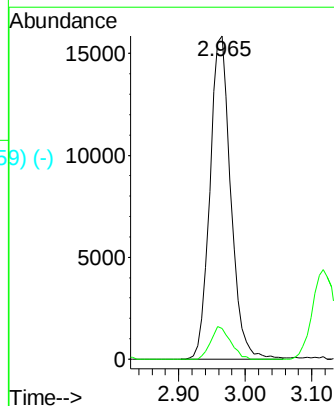
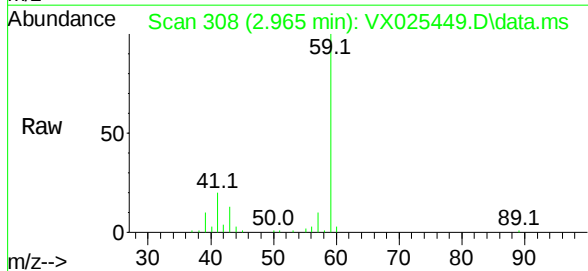
Acq: 03 Dec 2021 00:09

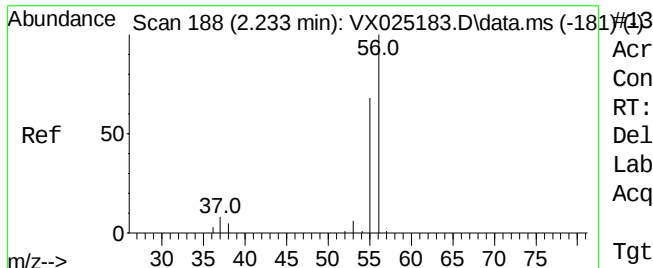
Tgt Ion: 59 Resp: 34451

Ion Ratio Lower Upper

59 100

57 9.6 8.5 12.7





Acrolein

Concen: 12.92 ug/l

RT: 2.215 min Scan#

Delta R.T. -0.018 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Instrument :

MSVOA_D

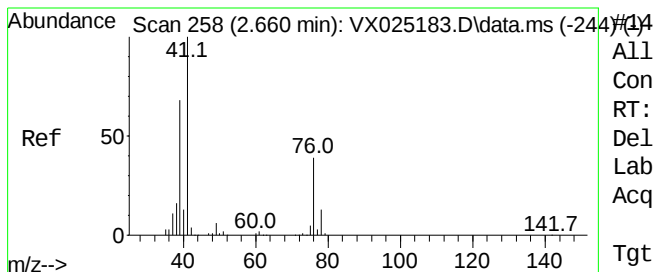
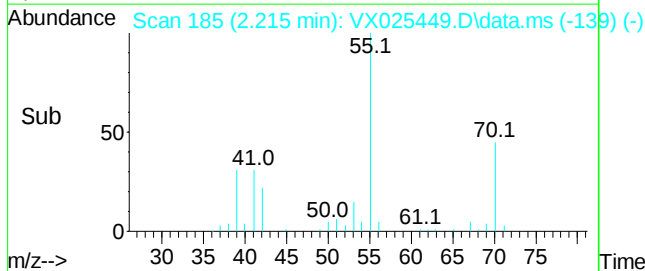
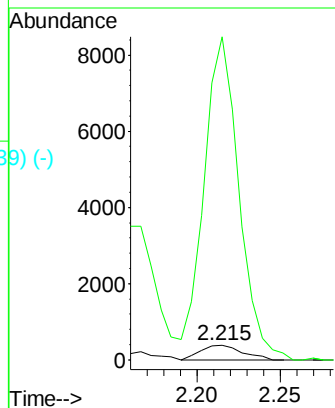
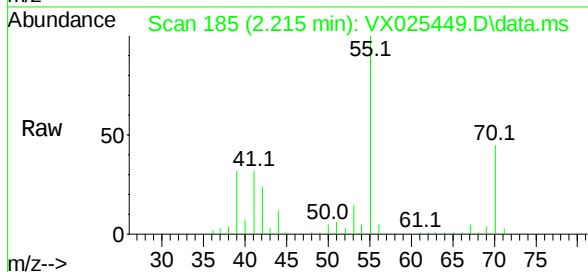
ClientSampleId :

Tgt Ion: 56 Resp: 675

Ion Ratio Lower Upper

56 100

55 1826.2 58.6 87.8#



Allyl chloride

Concen: 0.97 ug/l

RT: 2.745 min Scan# 272

Delta R.T. 0.085 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

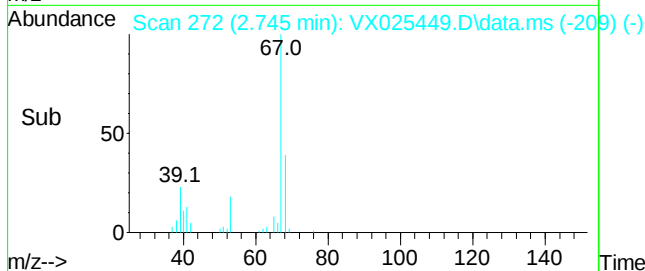
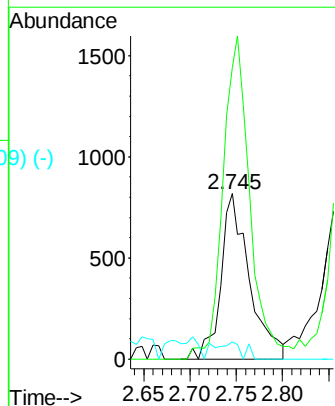
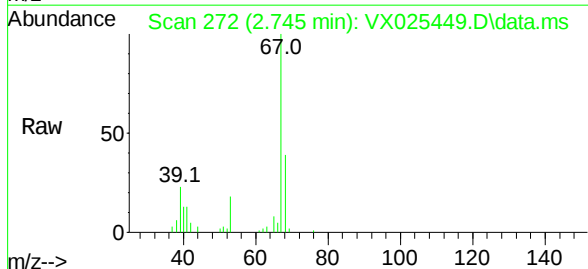
Tgt Ion: 41 Resp: 1757

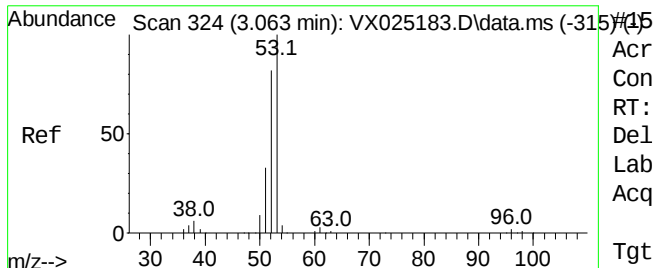
Ion Ratio Lower Upper

41 100

39 184.7 54.6 82.0#

76 10.4 25.3 37.9#





Acrylonitrile

Concen: 0.23 ug/l

RT: 3.081 min Scan#

Delta R.T. 0.018 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Instrument :

MSVOA_D

ClientSampleId :

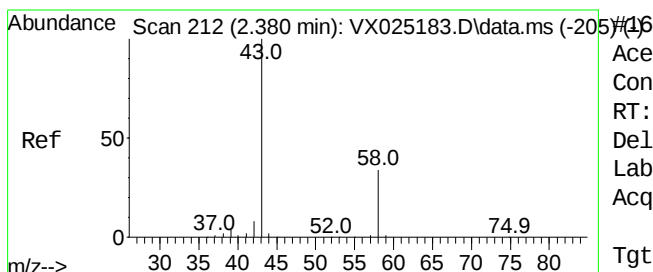
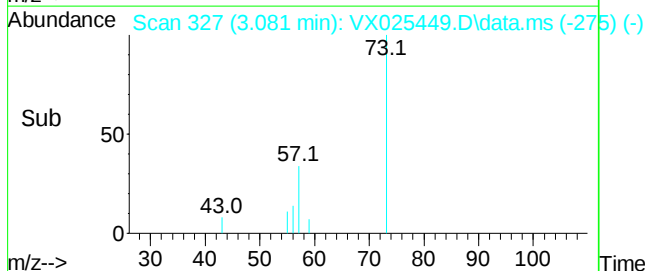
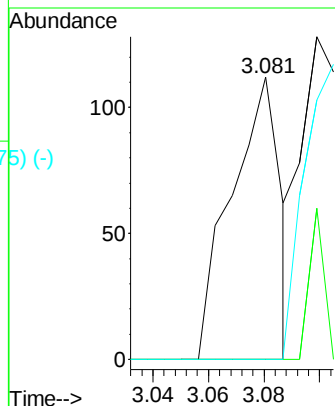
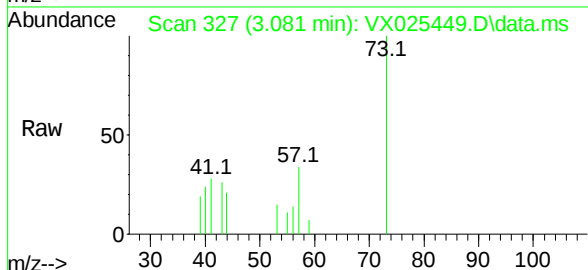
Tgt Ion: 53 Resp: 138

Ion Ratio Lower Upper

53 100

52 15.9 66.2 99.4#

51 0.0 29.8 44.8#



Acetone

Concen: 6.06 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX025449.D

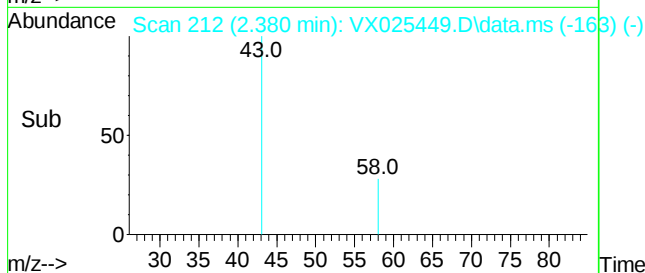
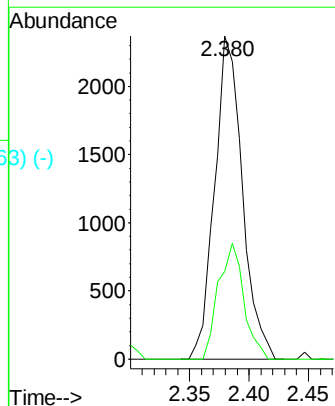
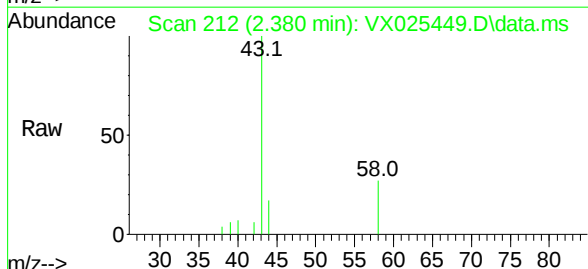
Acq: 03 Dec 2021 00:09

Tgt Ion: 43 Resp: 3844

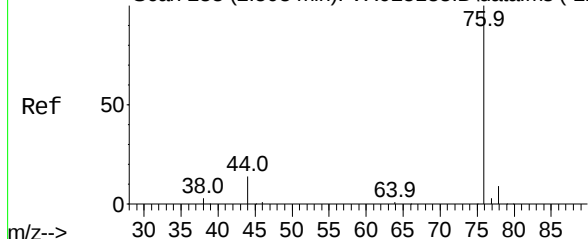
Ion Ratio Lower Upper

43 100

58 27.0 24.0 36.0



Abundance Scan 233 (2.508 min): VX025183.D\data.ms (-225) #17



Carbon Disulfide

Concen: 0.36 ug/l

RT: 2.514 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

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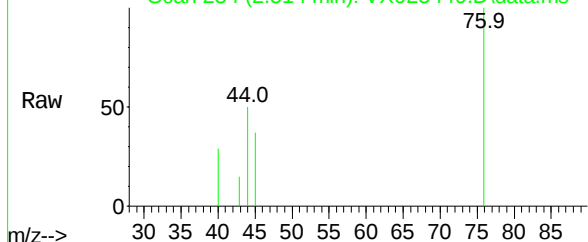
Tgt Ion: 76 Resp: 1026

Ion Ratio Lower Upper

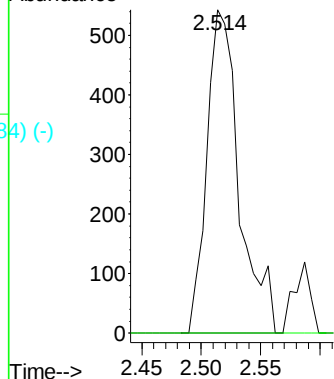
76 100

78 0.0 6.9 10.3#

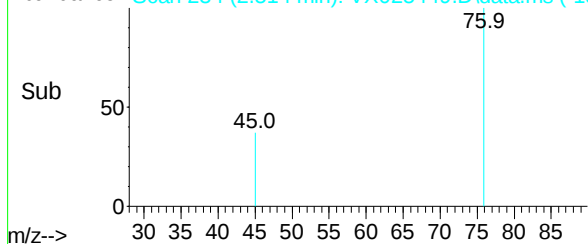
Abundance Scan 234 (2.514 min): VX025449.D\data.ms



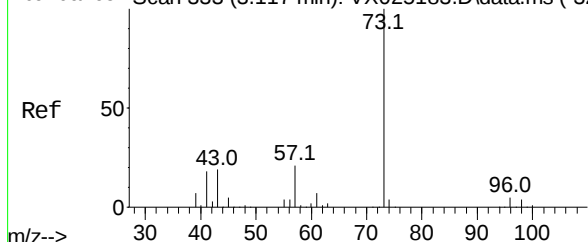
Abundance



Abundance Scan 234 (2.514 min): VX025449.D\data.ms (-184) (-)



Abundance Scan 333 (3.117 min): VX025183.D\data.ms (-322) #19



Methyl tert-butyl Ether

Concen: 13.30 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

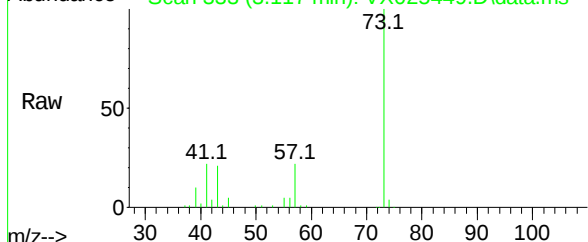
Tgt Ion: 73 Resp: 46472

Ion Ratio Lower Upper

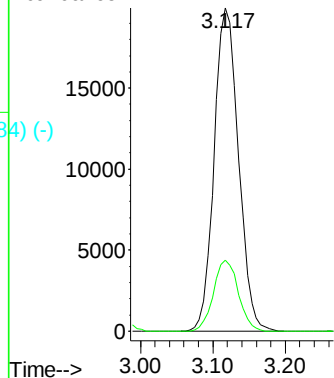
73 100

57 22.0 17.5 26.3

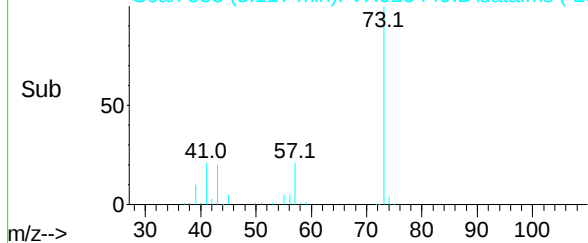
Abundance Scan 333 (3.117 min): VX025449.D\data.ms



Abundance



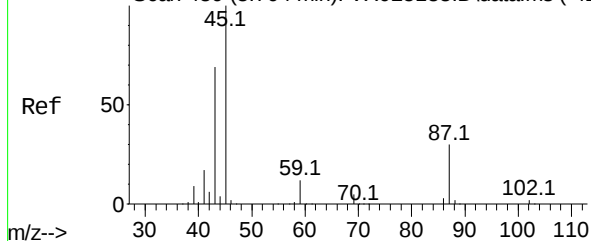
Abundance Scan 333 (3.117 min): VX025449.D\data.ms (-284) (-)



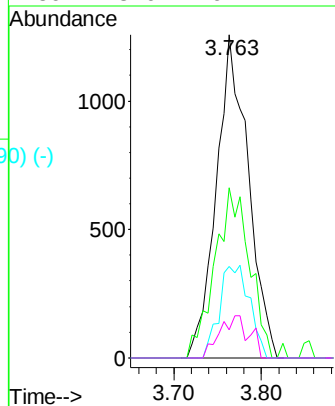
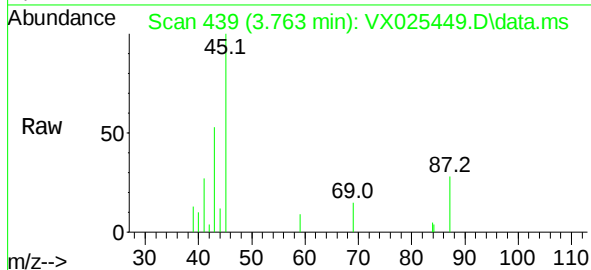
Abundance Scan 439 (3.764 min): VX025183.D\data.ms (-424) #22

Diisopropyl ether
Concen: 0.92 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

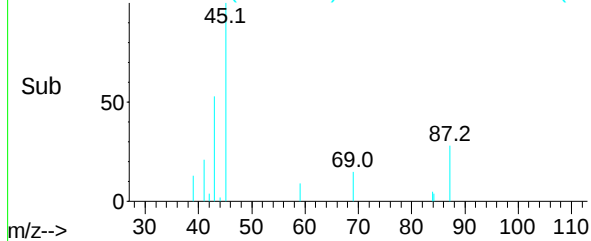
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	45	Resp:	3171
Ion	Ratio	Lower	Upper
45	100		
43	52.7	58.3	87.5#
87	28.2	23.7	35.5
59	8.6	9.4	14.0#



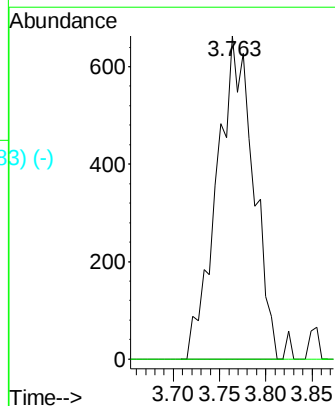
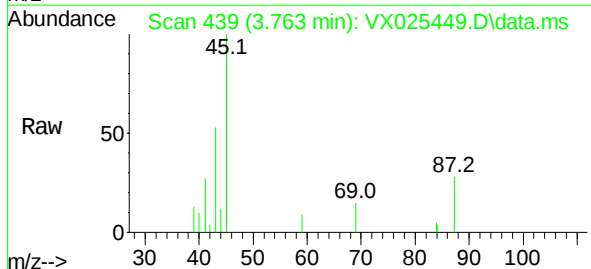
Abundance Scan 439 (3.763 min): VX025449.D\data.ms (-390) (-)



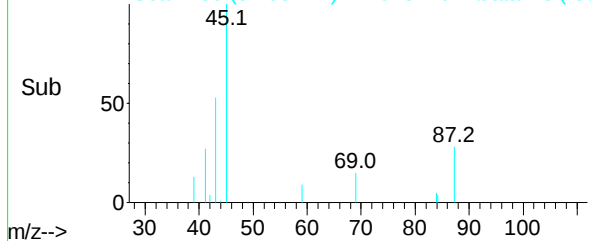
Abundance Scan 432 (3.721 min): VX025183.D\data.ms (-420) #23

Vinyl Acetate
Concen: 0.65 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.042 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Tgt Ion:	43	Resp:	1816
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4#



Abundance Scan 439 (3.763 min): VX025449.D\data.ms (-383) (-)



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

2-Butanone

Concen: 1.04 ug/l

RT: 4.568 min Scan# 725

Delta R.T. 0.012 min

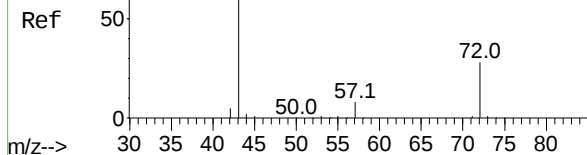
Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Instrument :

MSVOA_D

ClientSampleId :

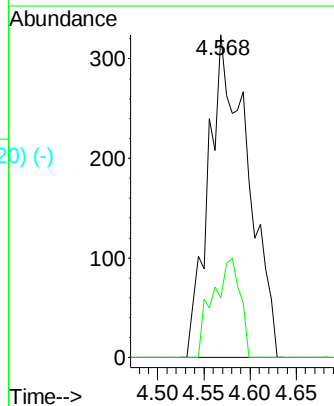
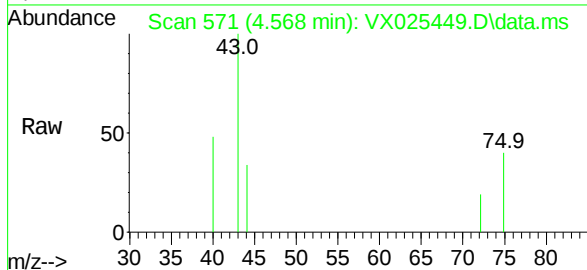


Tgt Ion: 43 Resp: 957

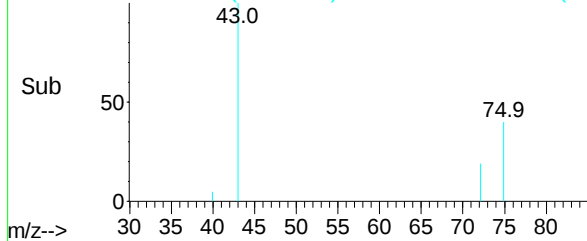
Ion Ratio Lower Upper

43 100

72 18.5 21.2 31.8#



Abundance Scan 571 (4.568 min): VX025449.D\data.ms (-520) (-)



Abundance Scan 719 (5.471 min): VX025183.D\data.ms (-706) #31

Cyclohexane

Concen: 1.11 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.006 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

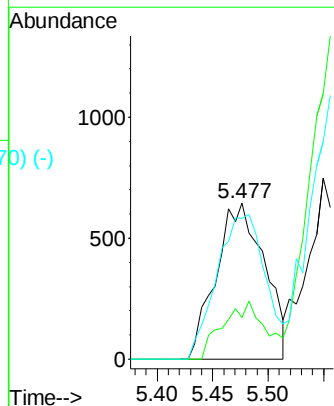
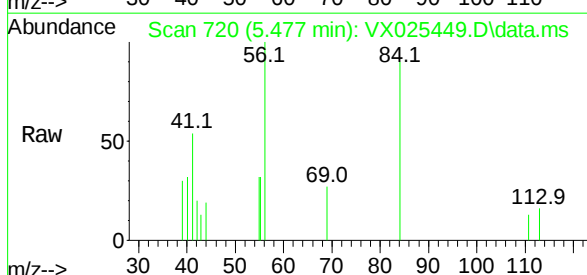
Tgt Ion: 56 Resp: 1955

Ion Ratio Lower Upper

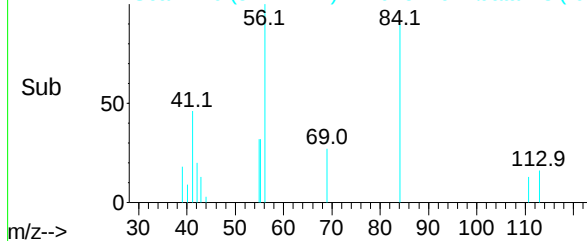
56 100

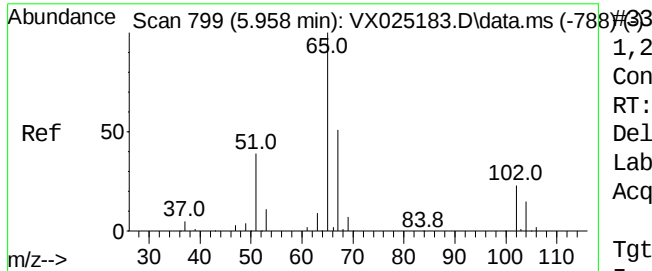
69 26.8 24.2 36.2

84 90.2 71.5 107.3



Abundance Scan 720 (5.477 min): VX025449.D\data.ms (-670) (-)

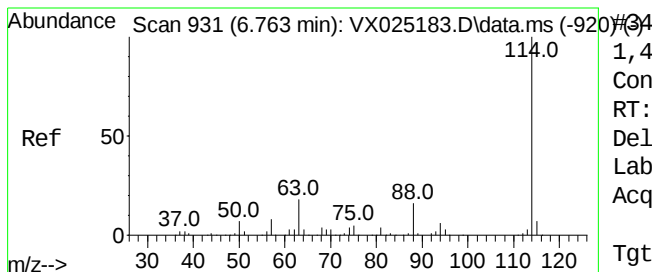
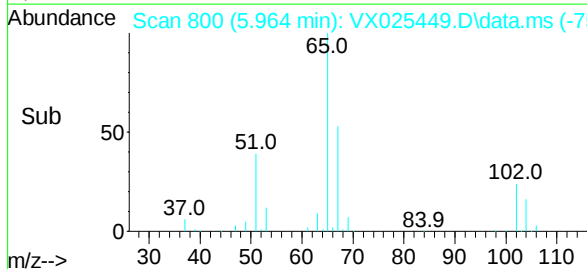
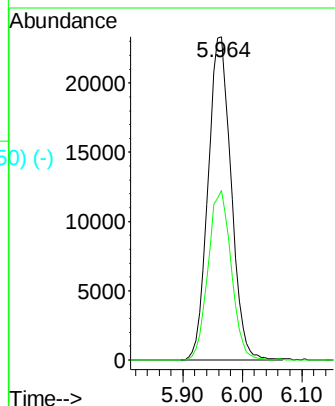
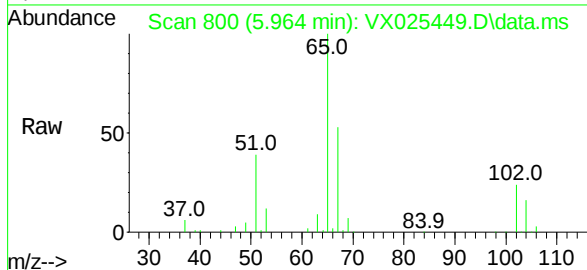




1,2-Dichloroethane-d4
 Concen: 55.10 ug/l
 RT: 5.964 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VX025449.D
 Acq: 03 Dec 2021 00:09

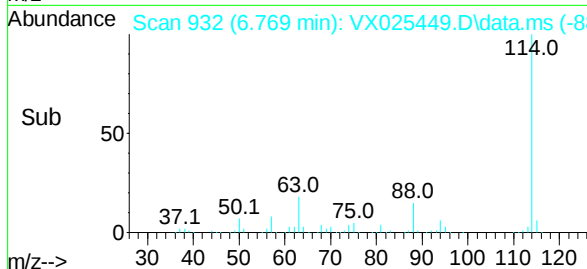
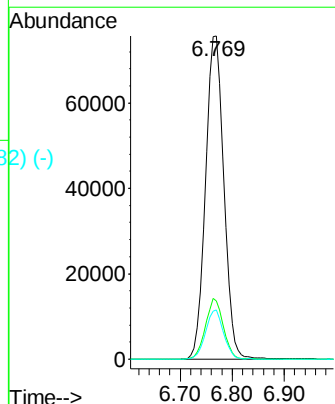
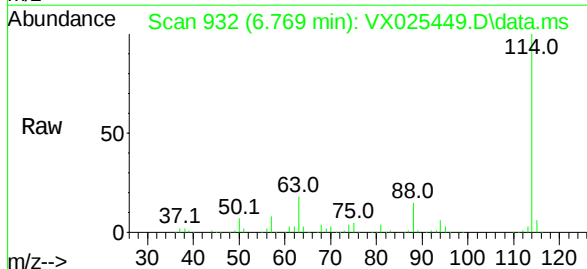
Instrument :
 MSVOA_D
 ClientSampleId :

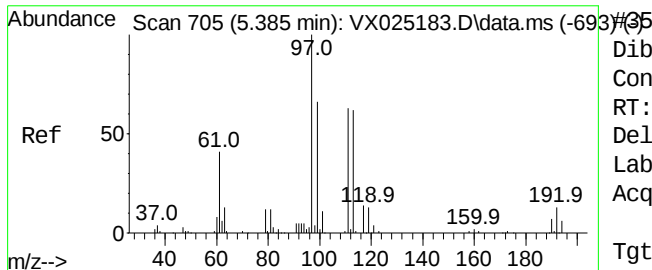
Tgt Ion: 65 Resp: 62852
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.0



1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX025449.D
 Acq: 03 Dec 2021 00:09

Tgt Ion: 114 Resp: 183673
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 41.0
 88 15.2 0.0 34.8

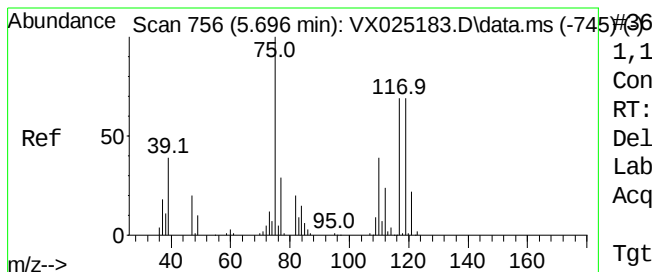
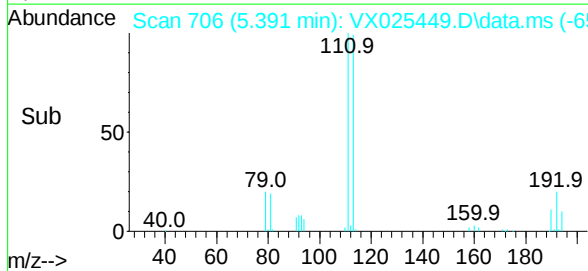
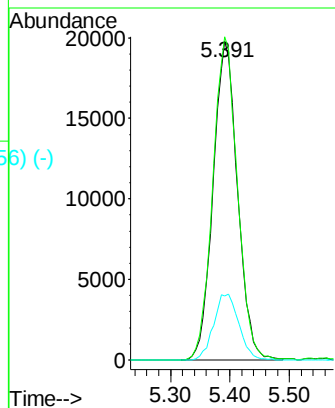
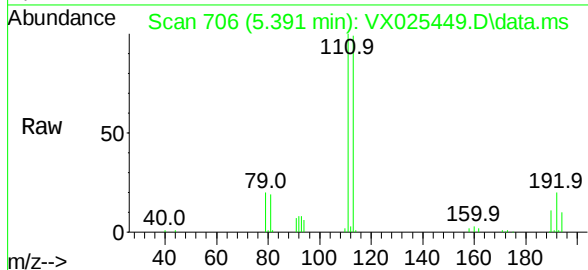




Dibromofluoromethane
Concen: 49.87 ug/l
RT: 5.391 min Scan#
Delta R.T. 0.006 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

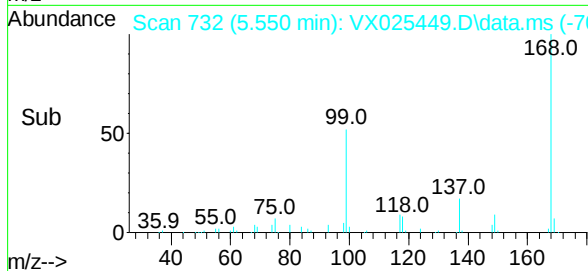
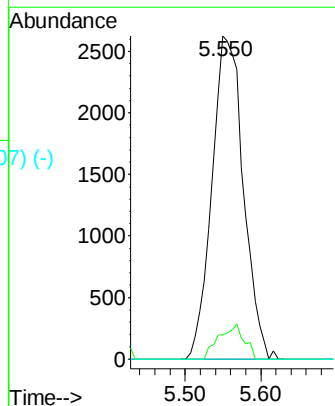
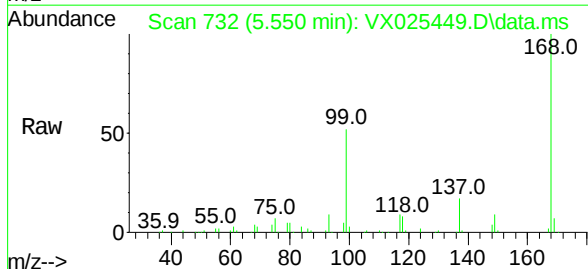
Instrument :
MSVOA_D
ClientSampleId :

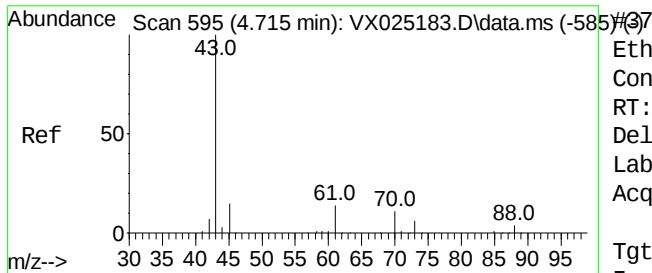
Tgt Ion:113 Resp: 56202
Ion Ratio Lower Upper
113 100
111 102.5 82.1 123.1
192 21.3 15.6 23.4



1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Tgt Ion: 75 Resp: 7553
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.3#
77 0.0 24.4 36.6#





Ethyl Acetate

Concen: 0.52 ug/l

RT: 4.568 min Scan# 37

Delta R.T. -0.147 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Instrument :

MSVOA_D

ClientSampleId :

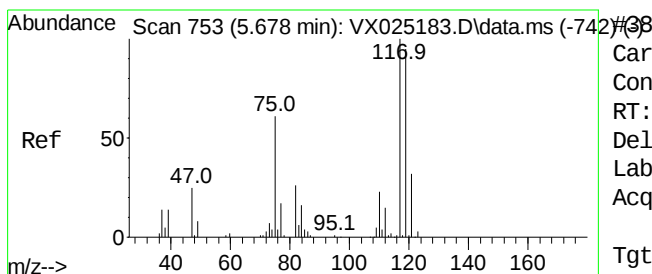
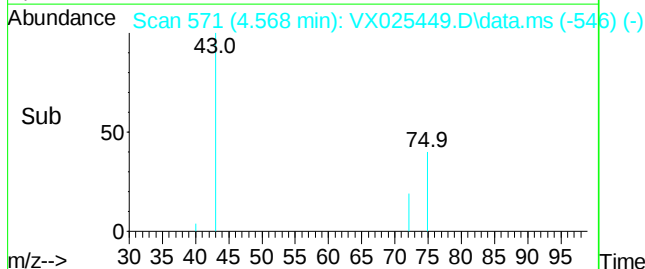
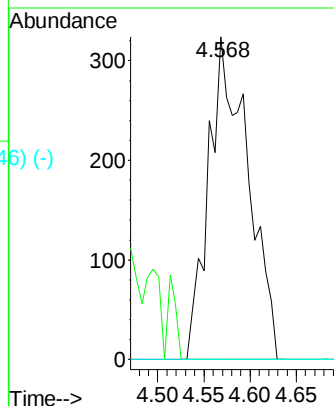
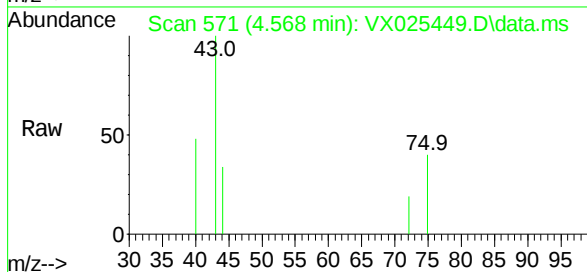
Tgt Ion: 43 Resp: 957

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

70 0.0 8.6 12.8#



Carbon Tetrachloride

Concen: 5.73 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

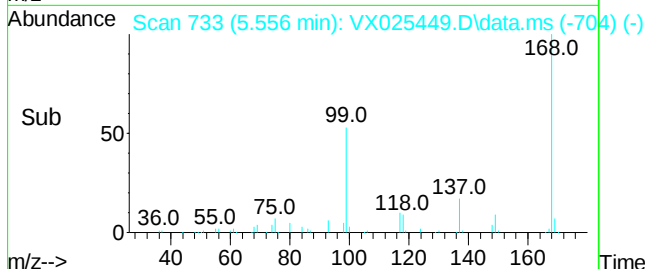
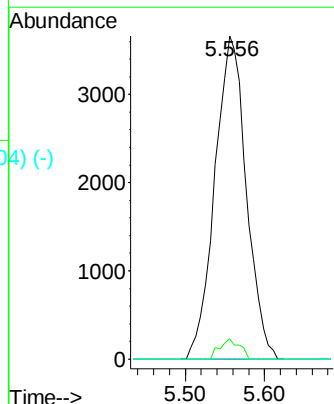
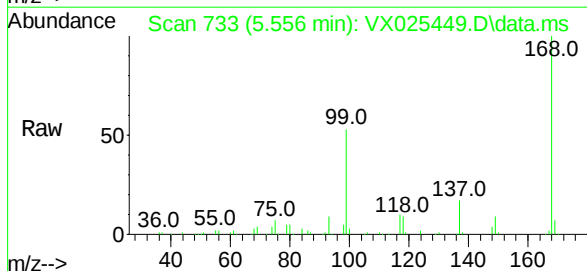
Tgt Ion: 117 Resp: 10121

Ion Ratio Lower Upper

117 100

119 6.3 75.6 113.4#

121 0.0 23.7 35.5#



Abundance Scan 1033 (7.385 min): VX025183.D\data.ms (-10229)

Methylcyclohexane

Concen: 0.34 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

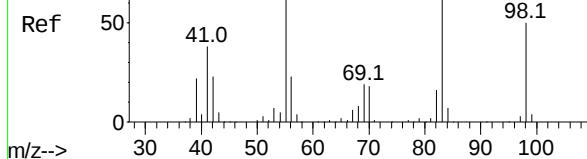
Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Instrument :

MSVOA_D

ClientSampleId :



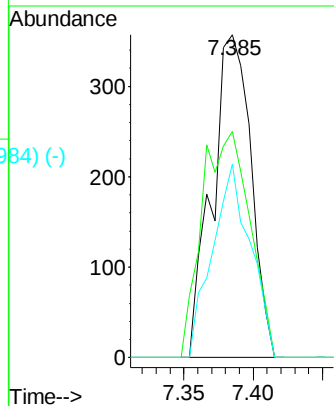
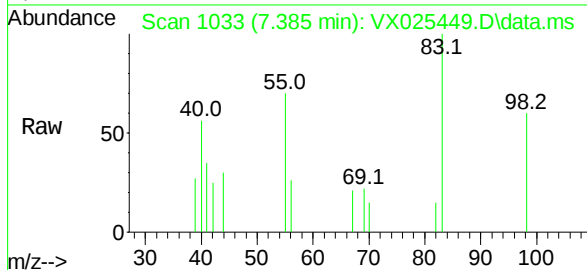
Tgt Ion: 83 Resp: 695

Ion Ratio Lower Upper

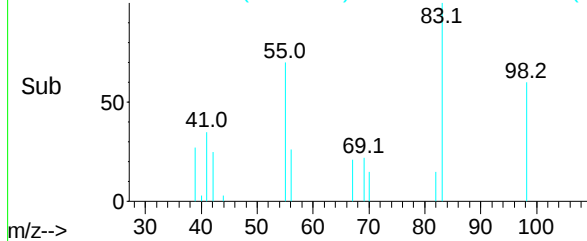
83 100

55 70.0 60.8 91.2

98 59.9 37.0 55.4#



Abundance Scan 1033 (7.385 min): VX025449.D\data.ms (-984) (-)



Abundance Scan 813 (6.044 min): VX025183.D\data.ms (-800740)

Benzene

Concen: 84.48 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX025449.D

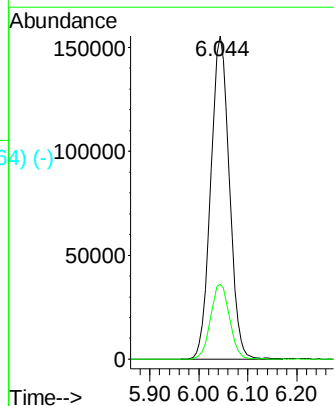
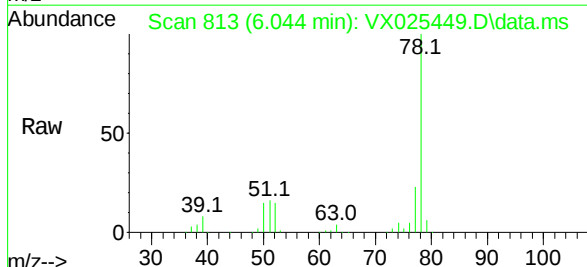
Acq: 03 Dec 2021 00:09

Tgt Ion: 78 Resp: 410095

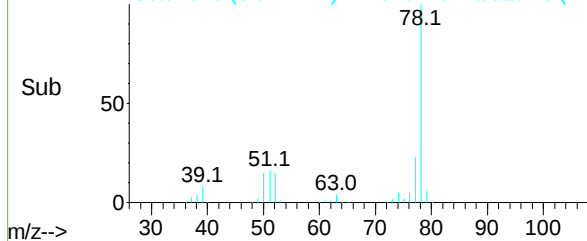
Ion Ratio Lower Upper

78 100

77 23.2 18.3 27.5



Abundance Scan 813 (6.044 min): VX025449.D\data.ms (-764) (-)



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

Methacrylonitrile

Concen: 0.28 ug/l

RT: 5.190 min Scan#

Delta R.T. 0.262 min

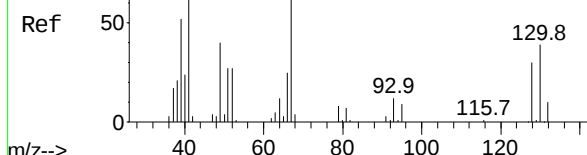
Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 41 Resp: 285

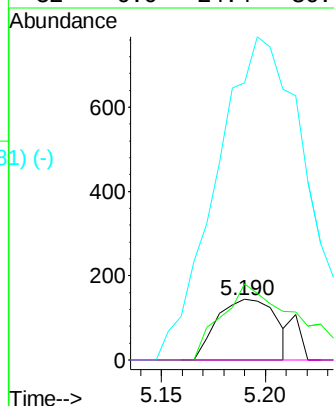
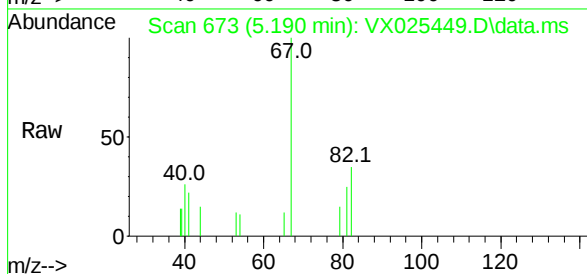
Ion Ratio Lower Upper

41 100

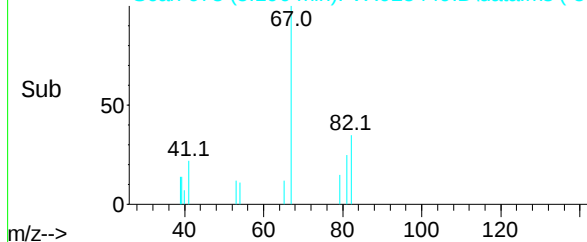
39 114.4 44.6 67.0#

67 597.2 56.7 85.1#

52 0.0 24.4 36.6#



Abundance Scan 673 (5.190 min): VX025449.D\data.ms (-581) (-)



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

1,2-Dichloroethane

Concen: 2.31 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.042 min

Lab File: VX025449.D

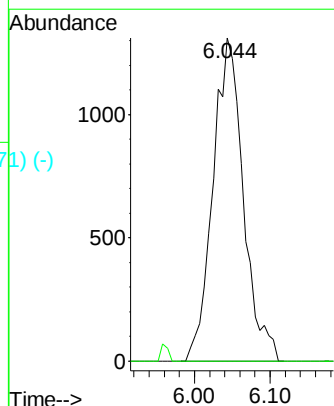
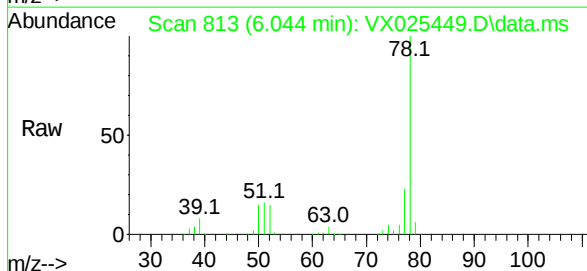
Acq: 03 Dec 2021 00:09

Tgt Ion: 62 Resp: 3648

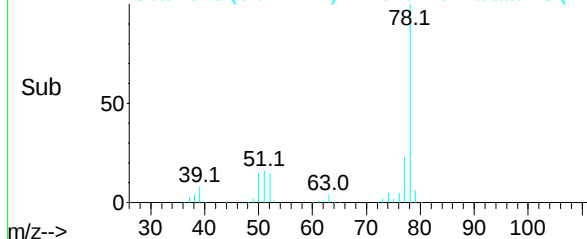
Ion Ratio Lower Upper

62 100

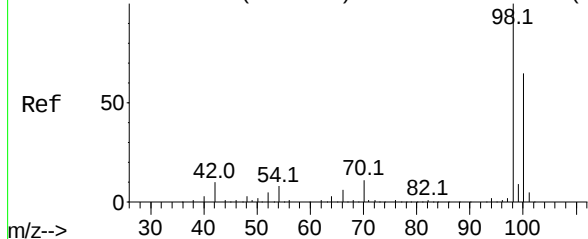
98 0.0 0.0 16.0



Abundance Scan 813 (6.044 min): VX025449.D\data.ms (-771) (-)



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



Toluene-d8

Concen: 49.95 ug/l

RT: 8.653 min Scan#

Delta R.T. -0.000 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Instrument :

MSVOA_D

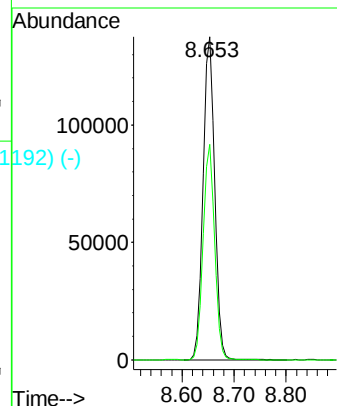
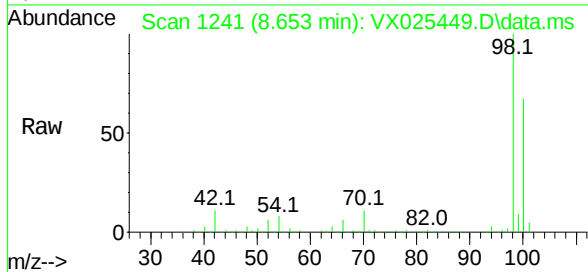
ClientSampleId :

Tgt Ion: 98 Resp: 211649

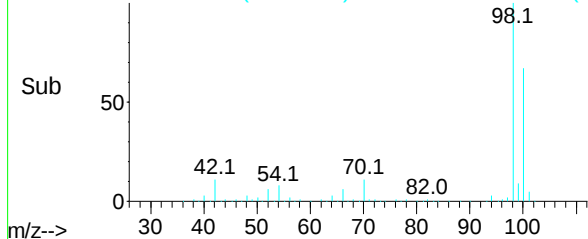
Ion Ratio Lower Upper

98 100

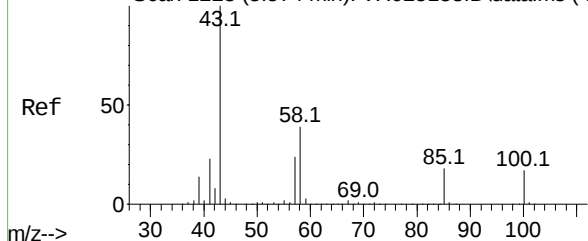
100 66.3 51.4 77.0



Abundance Scan 1241 (8.653 min): VX025449.D\data.ms (-1192-)



Abundance Scan 1228 (8.574 min): VX025183.D\data.ms (-12351-)



4-Methyl-2-Pentanone

Concen: 1.77 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX025449.D

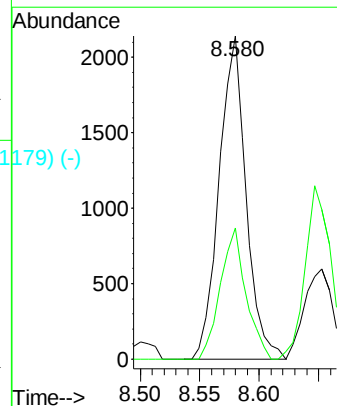
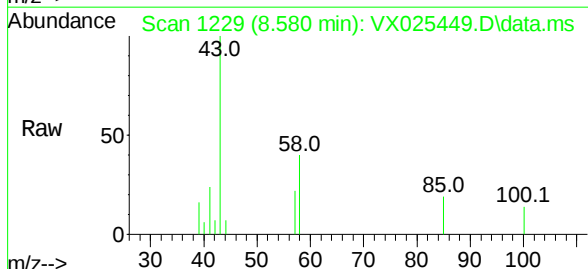
Acq: 03 Dec 2021 00:09

Tgt Ion: 43 Resp: 3374

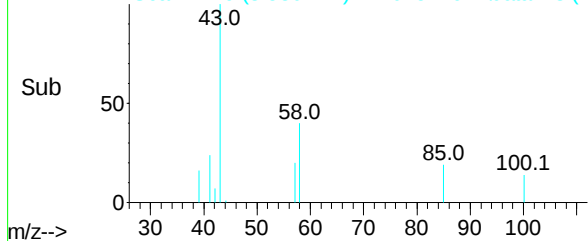
Ion Ratio Lower Upper

43 100

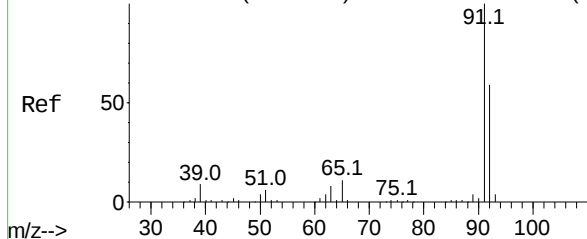
58 38.6 30.9 46.3



Abundance Scan 1229 (8.580 min): VX025449.D\data.ms (-1179-)



Abundance Scan 1252 (8.720 min): VX025183.D\data.ms (-12452-)



Toluene

Concen: 8.05 ug/l

RT: 8.720 min Scan#

Delta R.T. -0.000 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Instrument :

MSVOA_D

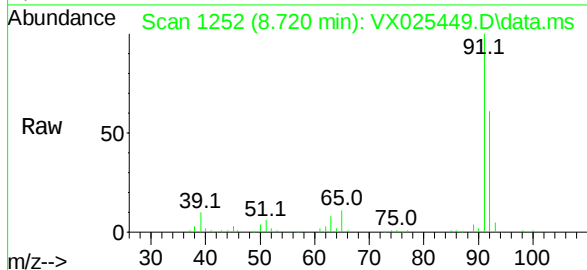
ClientSampleId :

Tgt Ion: 92 Resp: 25519

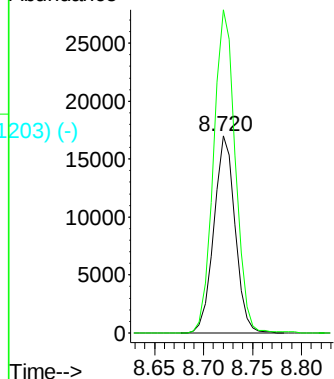
Ion Ratio Lower Upper

92 100

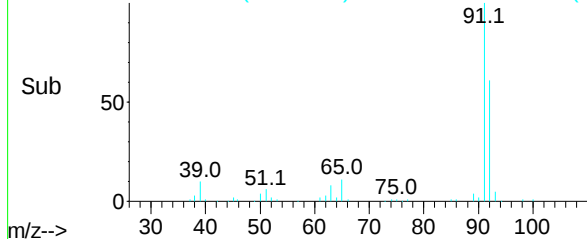
91 168.5 138.6 208.0



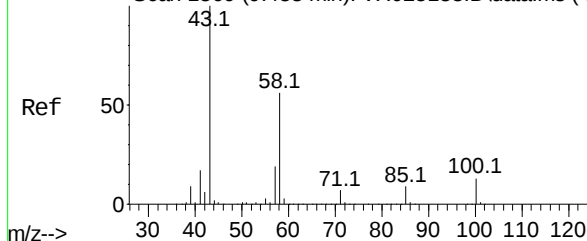
Abundance



Abundance Scan 1252 (8.720 min): VX025449.D\data.ms (-1203-)



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



2-Hexanone

Concen: 0.51 ug/l

RT: 9.451 min Scan# 1372

Delta R.T. 0.018 min

Lab File: VX025449.D

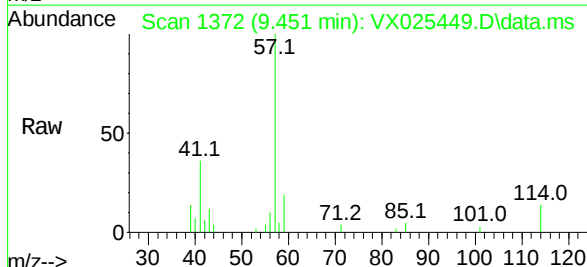
Acq: 03 Dec 2021 00:09

Tgt Ion: 43 Resp: 762

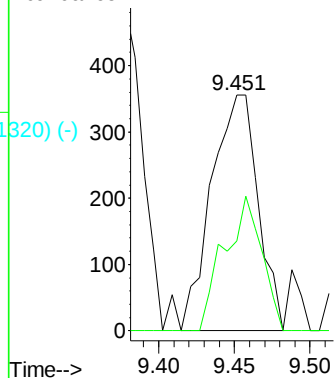
Ion Ratio Lower Upper

43 100

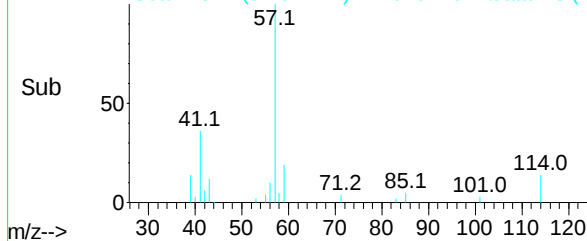
58 46.2 26.6 79.7



Abundance



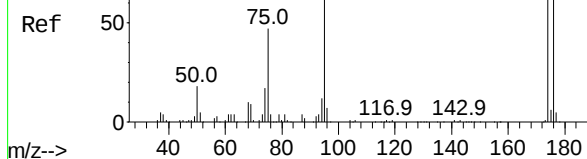
Abundance Scan 1372 (9.451 min): VX025449.D\data.ms (-1320-)



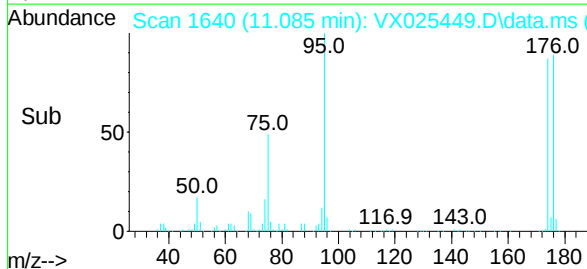
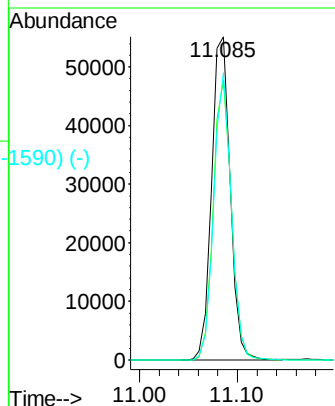
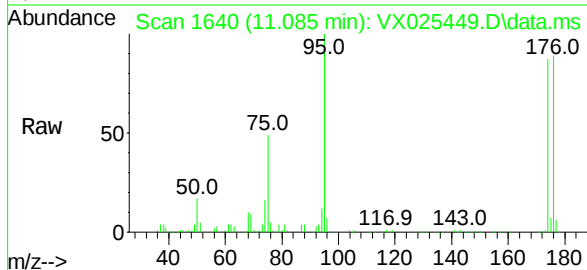
Abundance Scan 1639 (11.079 min): VX025183.D\data.ms (-1639) (-)

4-Bromofluorobenzene
Concen: 45.28 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Instrument :
MSVOA_D
ClientSampleId :

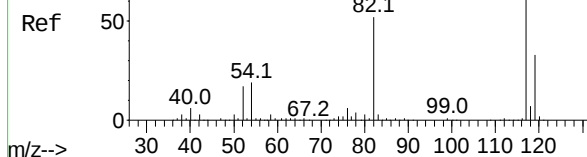


Tgt Ion:	95	Resp:	72582
Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	158.0
176	83.5	0.0	153.6

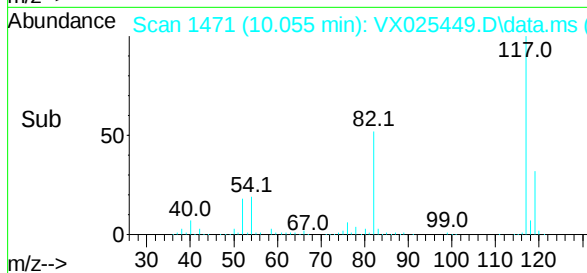
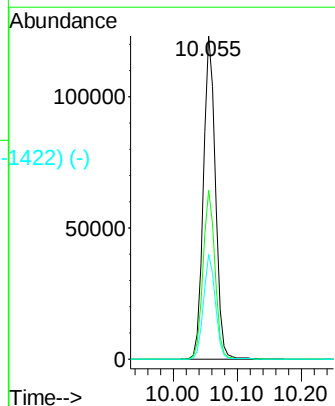
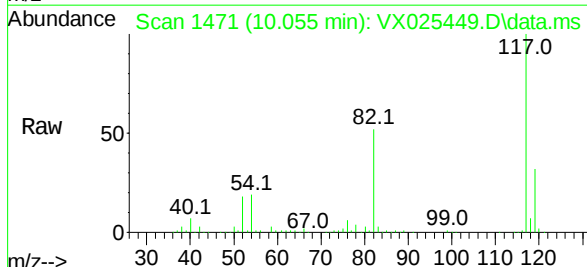


Abundance Scan 1471 (10.055 min): VX025183.D\data.ms (-1469) (-)

Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09



Tgt Ion:	117	Resp:	163056
Ion	Ratio	Lower	Upper
117	100		
82	52.3	44.6	67.0
119	32.4	24.8	37.2



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

Ethyl Benzene

Concen: 26.11 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 91 Resp: 149905

Ion Ratio Lower Upper

91 100

106 32.8 24.7 37.1

Abundance Scan 1494 (10.195 min): VX025449.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

39.1 51.0 65.1 78.1 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

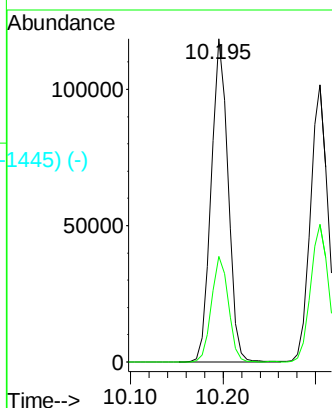
39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1

39.1 51.0 65.1 77.0 91.1 106.1



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

m/p-Xylenes

Concen: 29.26 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Tgt Ion:106 Resp: 68638

Ion Ratio Lower Upper

106 100

91 197.3 163.4 245.0

Abundance Scan 1512 (10.305 min): VX025449.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

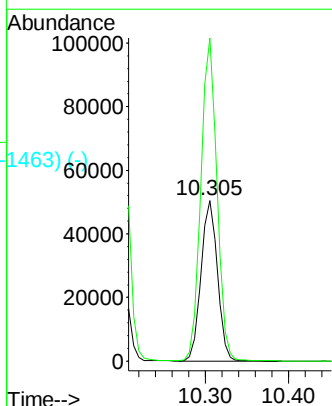
39.1 51.1 63.0 77.0 91.1 106.1

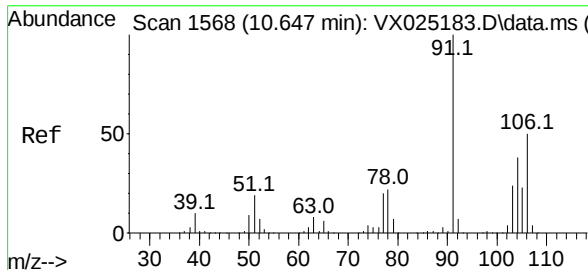
39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

39.1 51.1 63.0 77.0 91.1 106.1

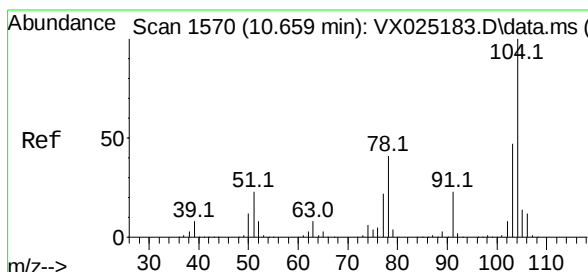
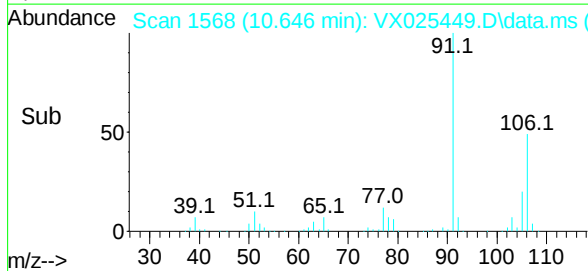
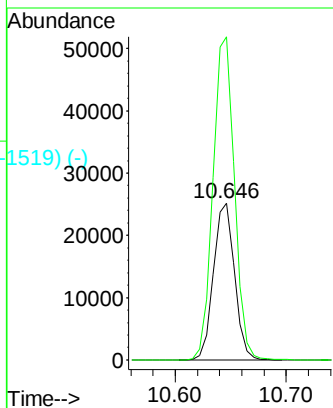
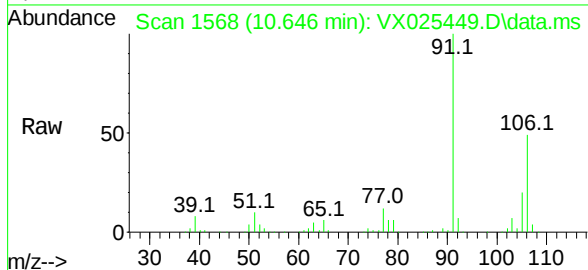




Scan 1568 (10.647 min): VX025183.D\data.ms (-1569) (-)
 o-Xylene
 Concen: 14.47 ug/l
 RT: 10.646 min Scan# 1569
 Delta R.T. -0.001 min
 Lab File: VX025449.D
 Acq: 03 Dec 2021 00:09

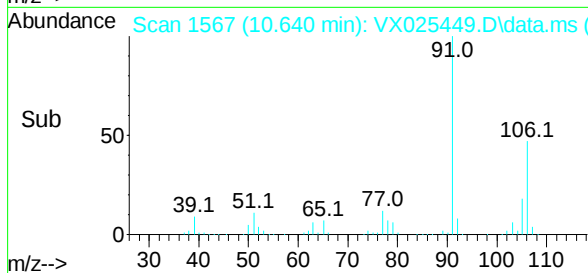
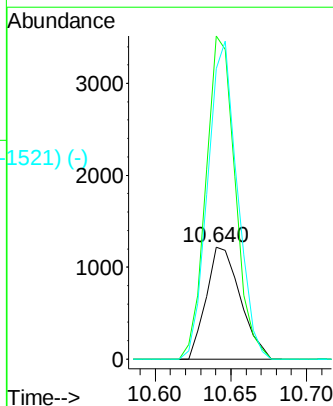
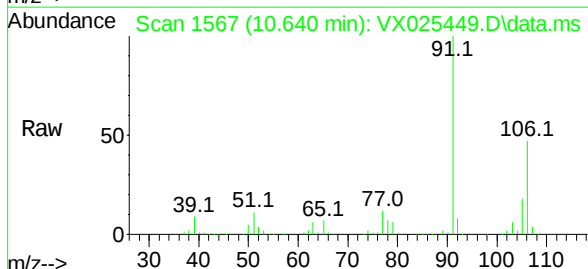
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:106 Resp: 33211
 Ion Ratio Lower Upper
 106 100
 91 210.5 109.5 328.4



Scan 1570 (10.659 min): VX025183.D\data.ms (-1570) (-)
 Styrene
 Concen: 0.50 ug/l
 RT: 10.640 min Scan# 1567
 Delta R.T. -0.019 min
 Lab File: VX025449.D
 Acq: 03 Dec 2021 00:09

Tgt Ion:104 Resp: 1901
 Ion Ratio Lower Upper
 104 100
 78 247.4 41.3 61.9#
 103 245.8 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

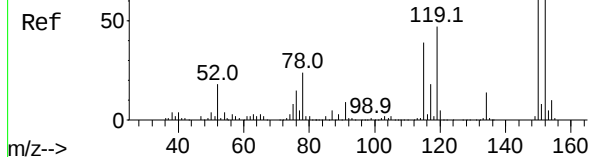
Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Instrument :

MSVOA_D

ClientSampleId :



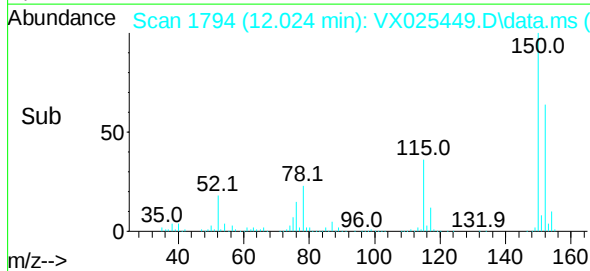
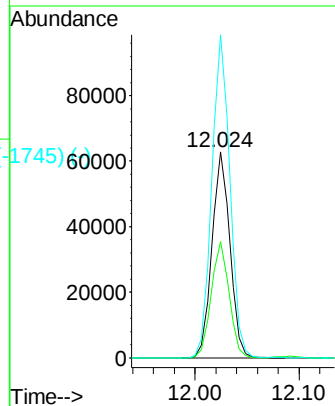
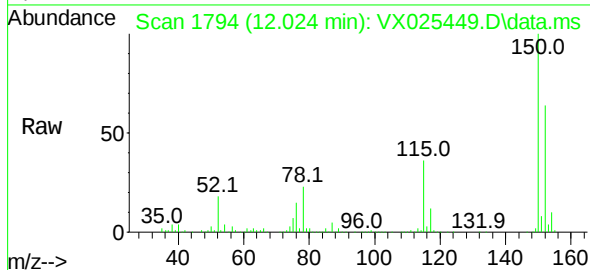
Tgt Ion:152 Resp: 75075

Ion Ratio Lower Upper

152 100

115 56.1 43.3 129.8

150 157.9 0.0 351.2



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

Isopropylbenzene

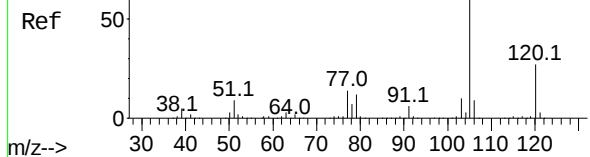
Concen: 0.74 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.001 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

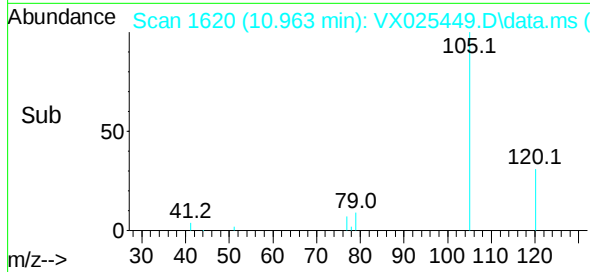
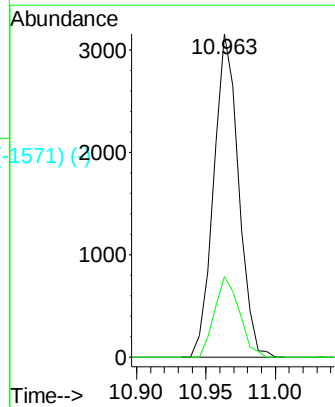
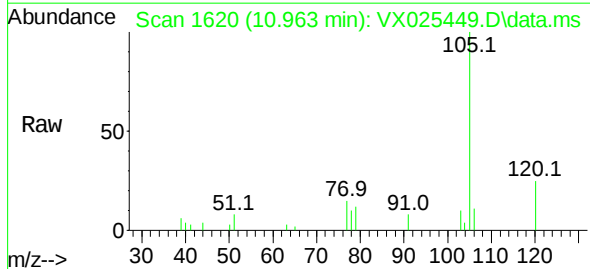


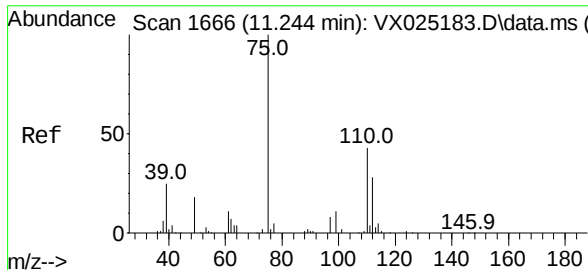
Tgt Ion:105 Resp: 3935

Ion Ratio Lower Upper

105 100

120 24.8 13.3 39.8

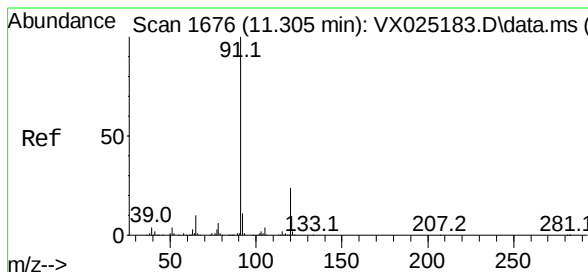
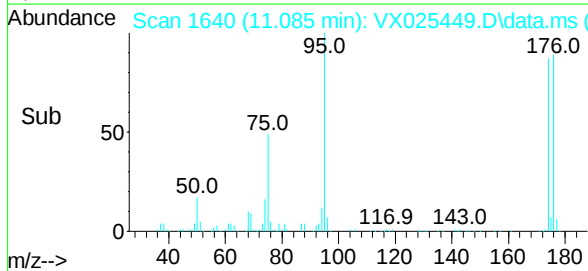
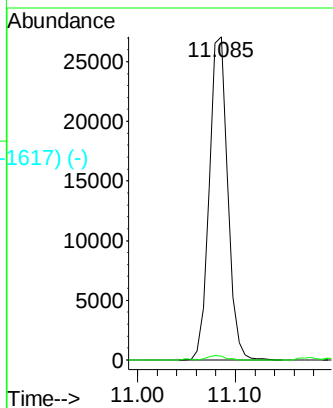
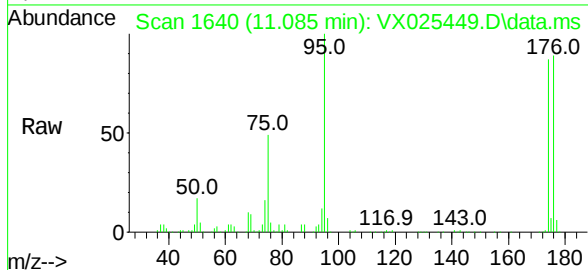




1,2,3-Trichloropropane
 Concen: 22.96 ug/l
 RT: 11.085 min Scan# 1676
 Delta R.T. -0.159 min
 Lab File: VX025449.D
 Acq: 03 Dec 2021 00:09

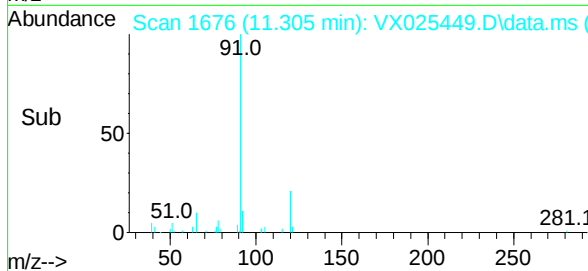
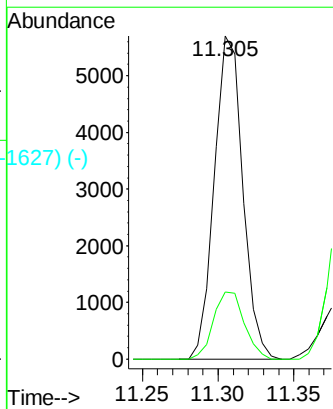
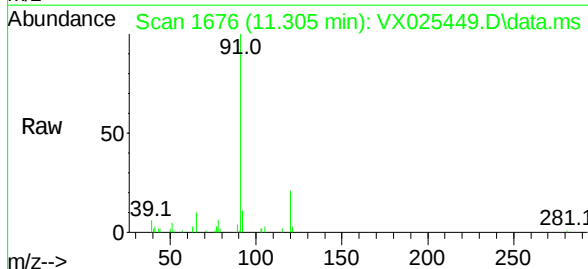
Instrument :
 MSVOA_D
 ClientSampleId :

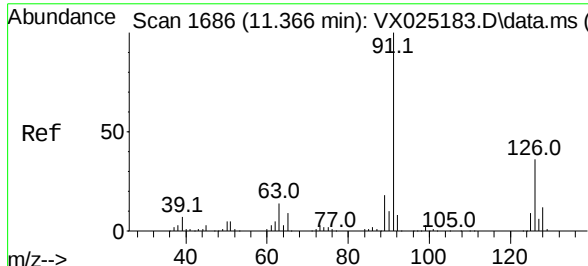
Tgt Ion: 75 Resp: 35294
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.0 59.9#



n-propylbenzene
 Concen: 1.24 ug/l
 RT: 11.305 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: VX025449.D
 Acq: 03 Dec 2021 00:09

Tgt Ion: 91 Resp: 7419
 Ion Ratio Lower Upper
 91 100
 120 22.5 11.7 35.0

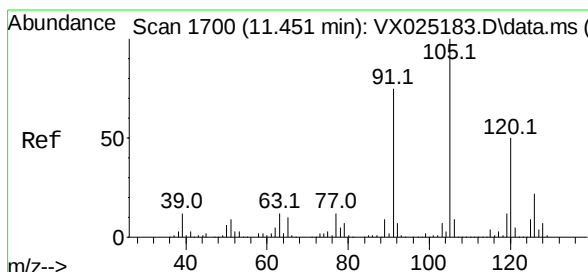
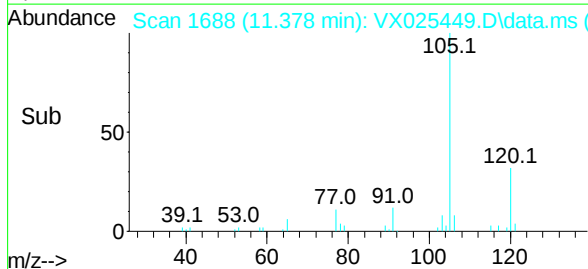
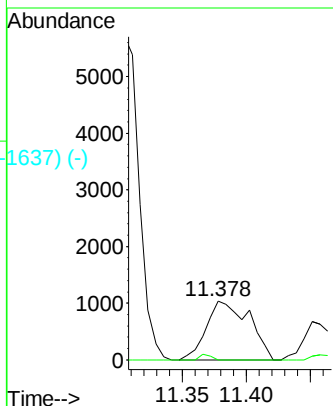
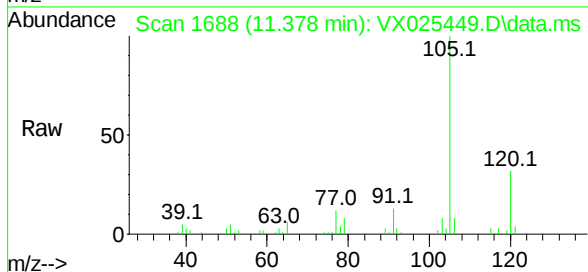




Scan 1686 (11.366 min): VX025183.D\data.ms (-1637) (-)
 2-Chlorotoluene
 Concen: 0.66 ug/l
 RT: 11.378 min Scan# 1686
 Delta R.T. 0.012 min
 Lab File: VX025449.D
 Acq: 03 Dec 2021 00:09

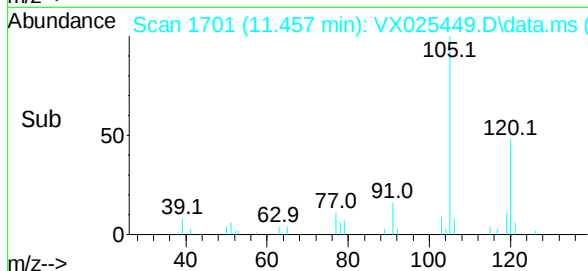
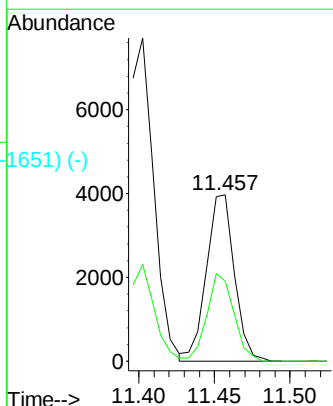
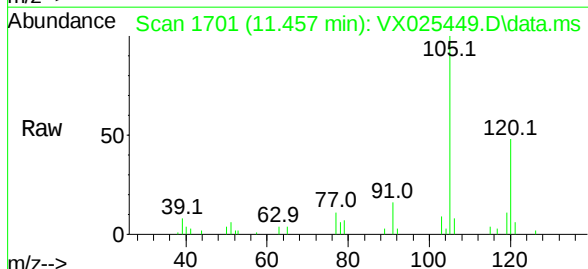
Instrument : MSVOA_D
 ClientSampleId :

Tgt Ion: 91 Resp: 2431
 Ion Ratio Lower Upper
 91 100
 126 2.6 17.0 50.9#



Scan 1700 (11.451 min): VX025183.D\data.ms (-1634) (-)
 1,3,5-Trimethylbenzene
 Concen: 1.14 ug/l
 RT: 11.457 min Scan# 1701
 Delta R.T. 0.006 min
 Lab File: VX025449.D
 Acq: 03 Dec 2021 00:09

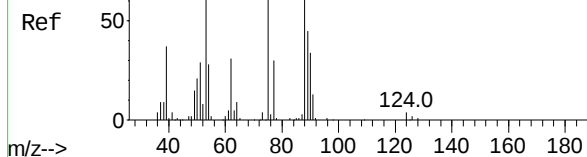
Tgt Ion: 105 Resp: 5122
 Ion Ratio Lower Upper
 105 100
 120 50.6 23.8 71.5



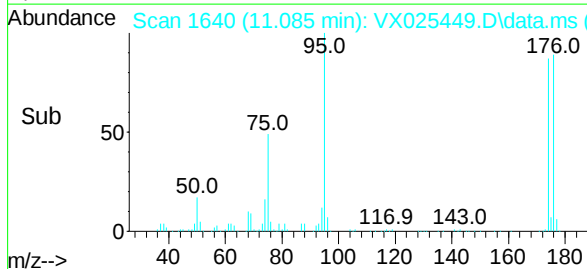
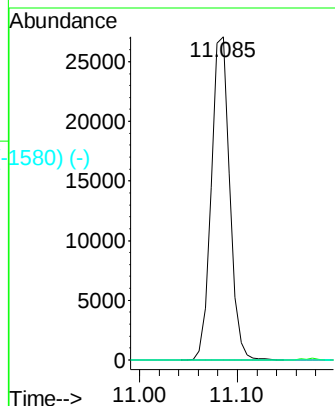
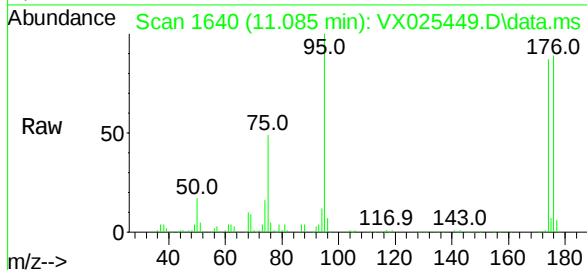
Abundance Scan 1629 (11.018 min): VX025183.D\data.ms (-1629) (-)

trans-1,4-Dichloro-2-butene
Concen: 57.83 ug/l
RT: 11.085 min Scan# 1629
Delta R.T. 0.067 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Instrument :
MSVOA_D
ClientSampleId :



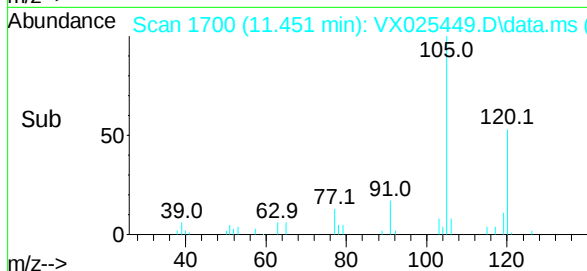
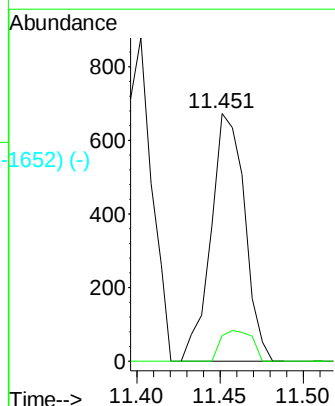
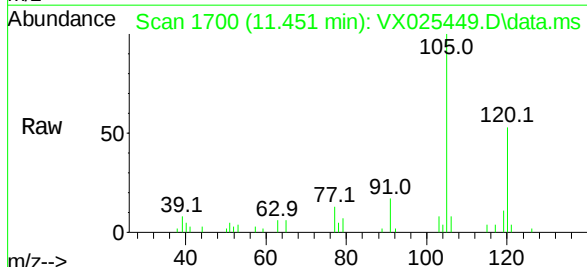
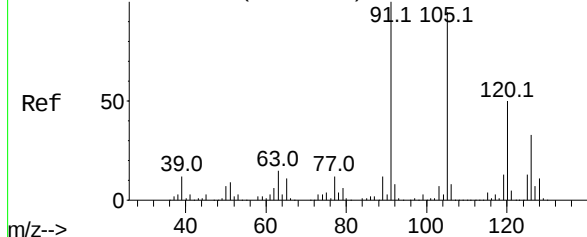
Tgt Ion:	75	Resp:	35294
Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.9	122.9#
89	0.0	38.2	57.2#



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

4-Chlorotoluene
Concen: 0.23 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Tgt Ion:	91	Resp:	953
Ion	Ratio	Lower	Upper
91	100		
126	11.4	14.9	44.5#



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

1,2,4-Trimethylbenzene

Concen: 8.91 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

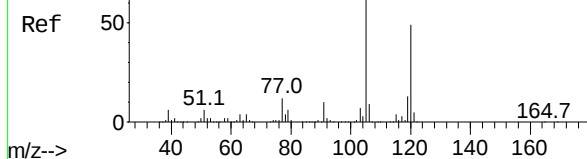
Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Instrument :

MSVOA_D

ClientSampleId :

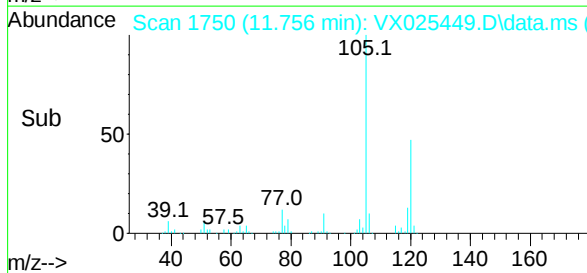
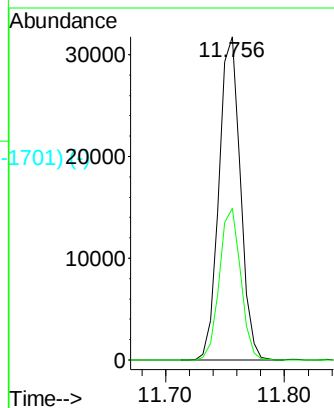
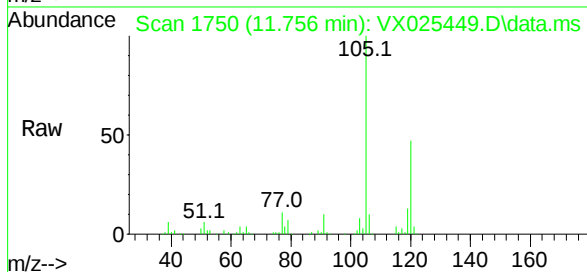


Tgt Ion:105 Resp: 39603

Ion Ratio Lower Upper

105 100

120 46.6 22.1 66.3



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

sec-Butylbenzene

Concen: 7.13 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.134 min

Lab File: VX025449.D

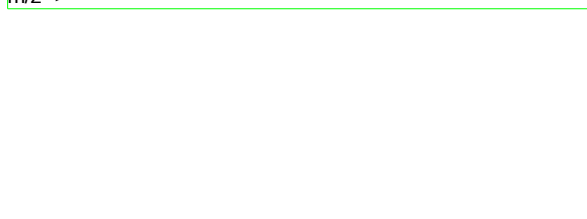
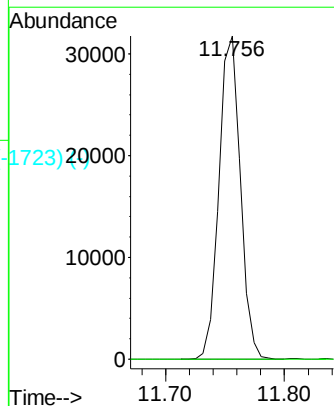
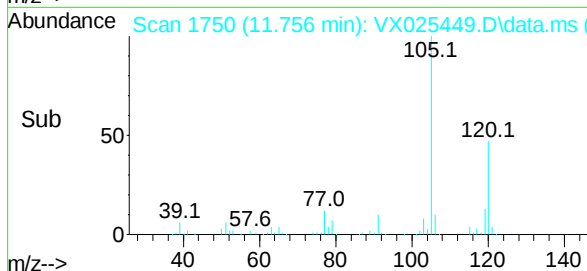
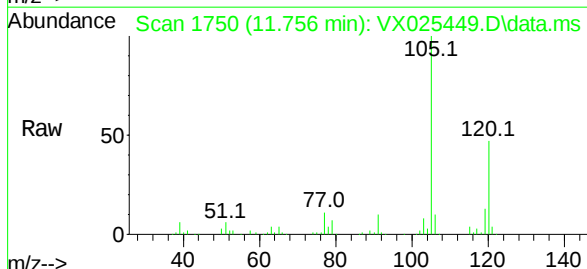
Acq: 03 Dec 2021 00:09

Tgt Ion:105 Resp: 39603

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#



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

n-Butylbenzene

Concen: 0.25 ug/l

RT: 12.335 min Scan# 1839

Delta R.T. 0.000 min

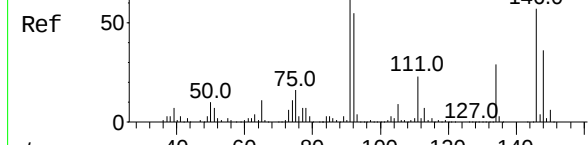
Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Instrument :

MSVOA_D

ClientSampleId :



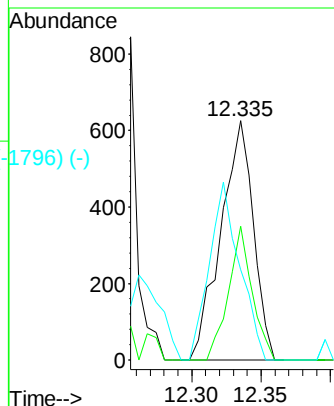
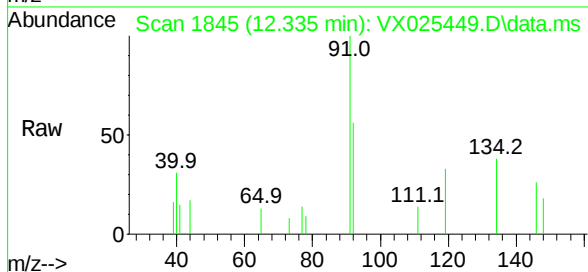
Tgt Ion: 91 Resp: 1024

Ion Ratio Lower Upper

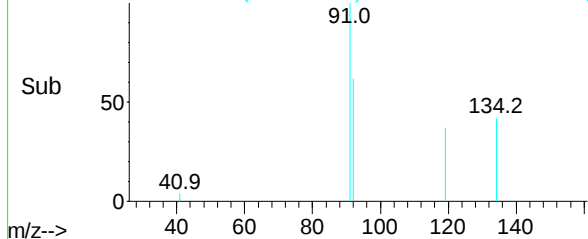
91 100

92 40.6 26.3 78.8

134 68.7 13.0 38.9#



Abundance Scan 1845 (12.335 min): VX025449.D\data.ms (-1796) (-)



Abundance Scan 1879 (12.543 min): VX025183.D\data.ms (-1820) (-)

Hexachloroethane

Concen: 0.52 ug/l

RT: 12.646 min Scan# 1896

Delta R.T. 0.103 min

Lab File: VX025449.D

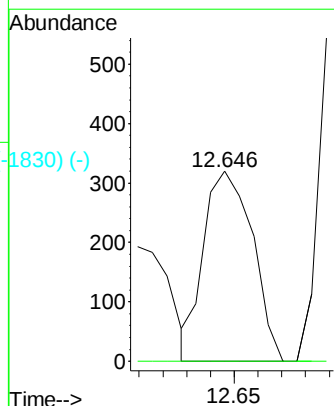
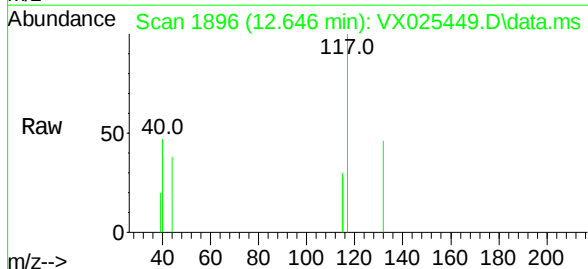
Acq: 03 Dec 2021 00:09

Tgt Ion: 117 Resp: 458

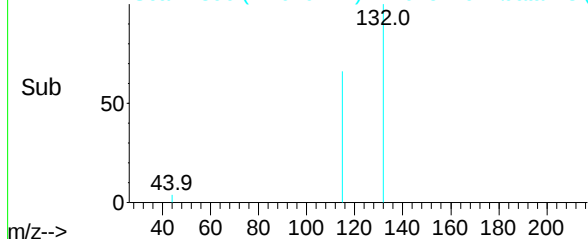
Ion Ratio Lower Upper

117 100

201 0.0 38.9 116.6#



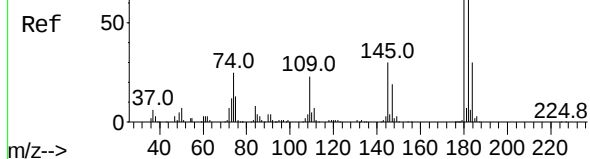
Abundance Scan 1896 (12.646 min): VX025449.D\data.ms (-1830) (-)



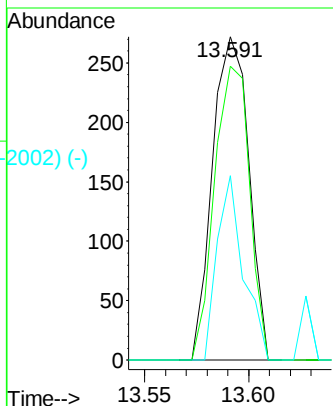
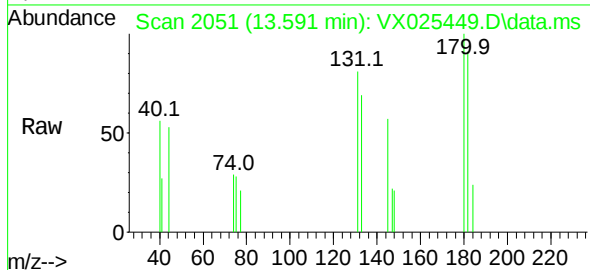
Abundance Scan 2051 (13.591 min): VX025183.D\data.ms (-2002) (-)

1,2,4-Trichlorobenzene
Concen: 0.23 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

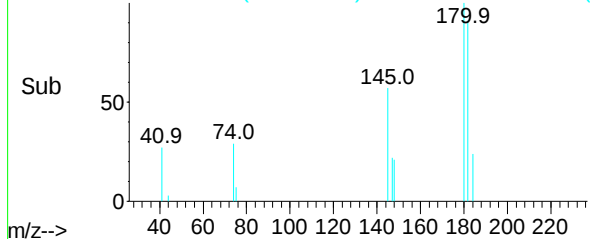
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	180	Resp:	331
Ion	Ratio	Lower	Upper
180	100		
182	87.6	47.3	141.8
145	41.4	16.1	48.3



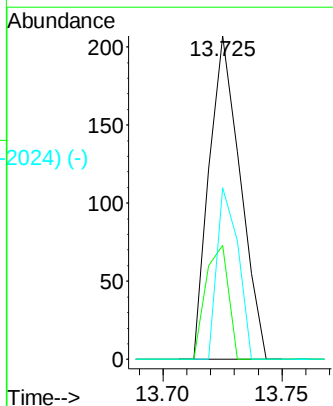
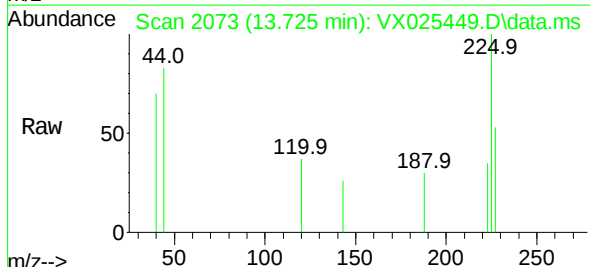
Abundance Scan 2051 (13.591 min): VX025449.D\data.ms (-2002) (-)



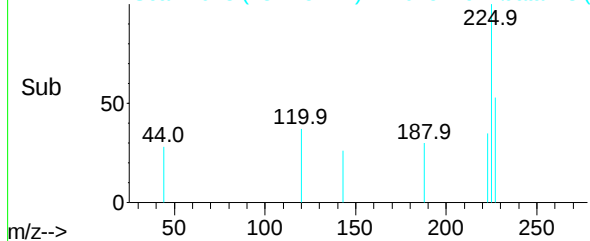
Abundance Scan 2073 (13.725 min): VX025183.D\data.ms (-2002) (-)

Hexachlorobutadiene
Concen: 0.27 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Tgt Ion:	225	Resp:	189
Ion	Ratio	Lower	Upper
225	100		
223	25.9	30.9	92.7#
227	36.0	31.1	93.5



Abundance Scan 2073 (13.725 min): VX025449.D\data.ms (-2024) (-)



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

Naphthalene

Concen: 2.98 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

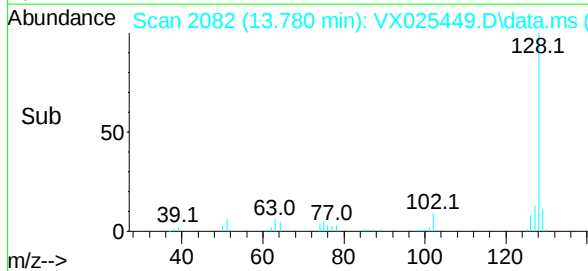
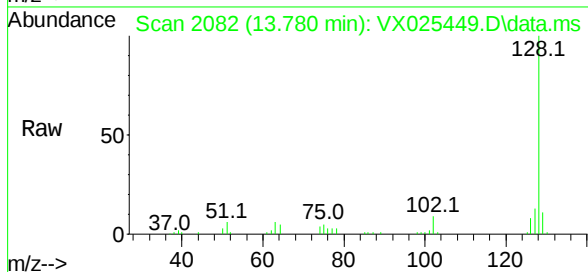
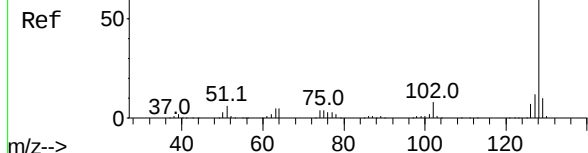
Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

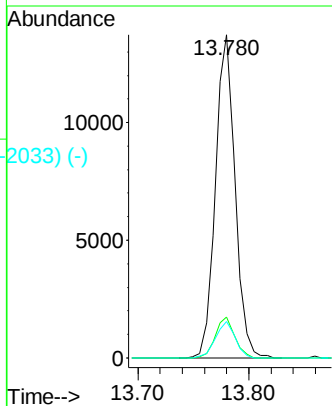
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	128	Resp:	16869
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	11.2	8.8	13.2



Abundance Scan 2112 (13.963 min): VX025183.D\data.ms (-2106) (-)

1,2,3-Trichlorobenzene

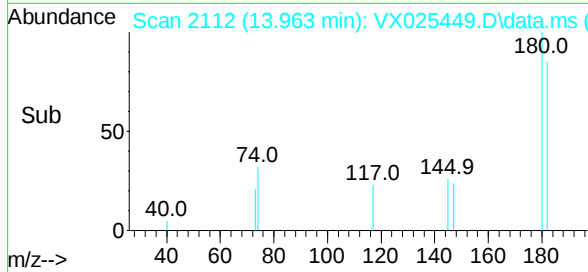
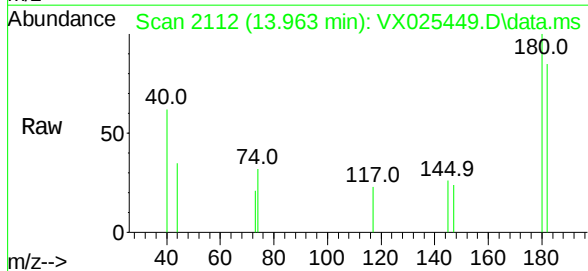
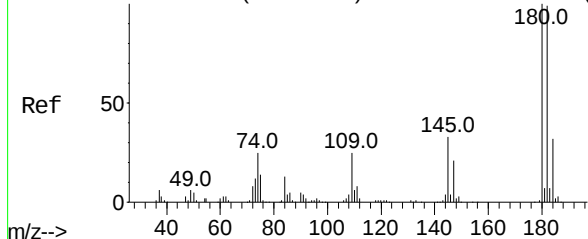
Concen: 0.24 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09



Tgt Ion:	180	Resp:	340
Ion	Ratio	Lower	Upper
180	100		
182	84.1	47.4	142.3
145	37.9	16.8	50.3

