

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025306.D
 Acq On : 24 Nov 2021 03:55
 Operator : JC/MD
 Sample : M4795-05
 Misc : 5.31g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 24 05:02:39 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)

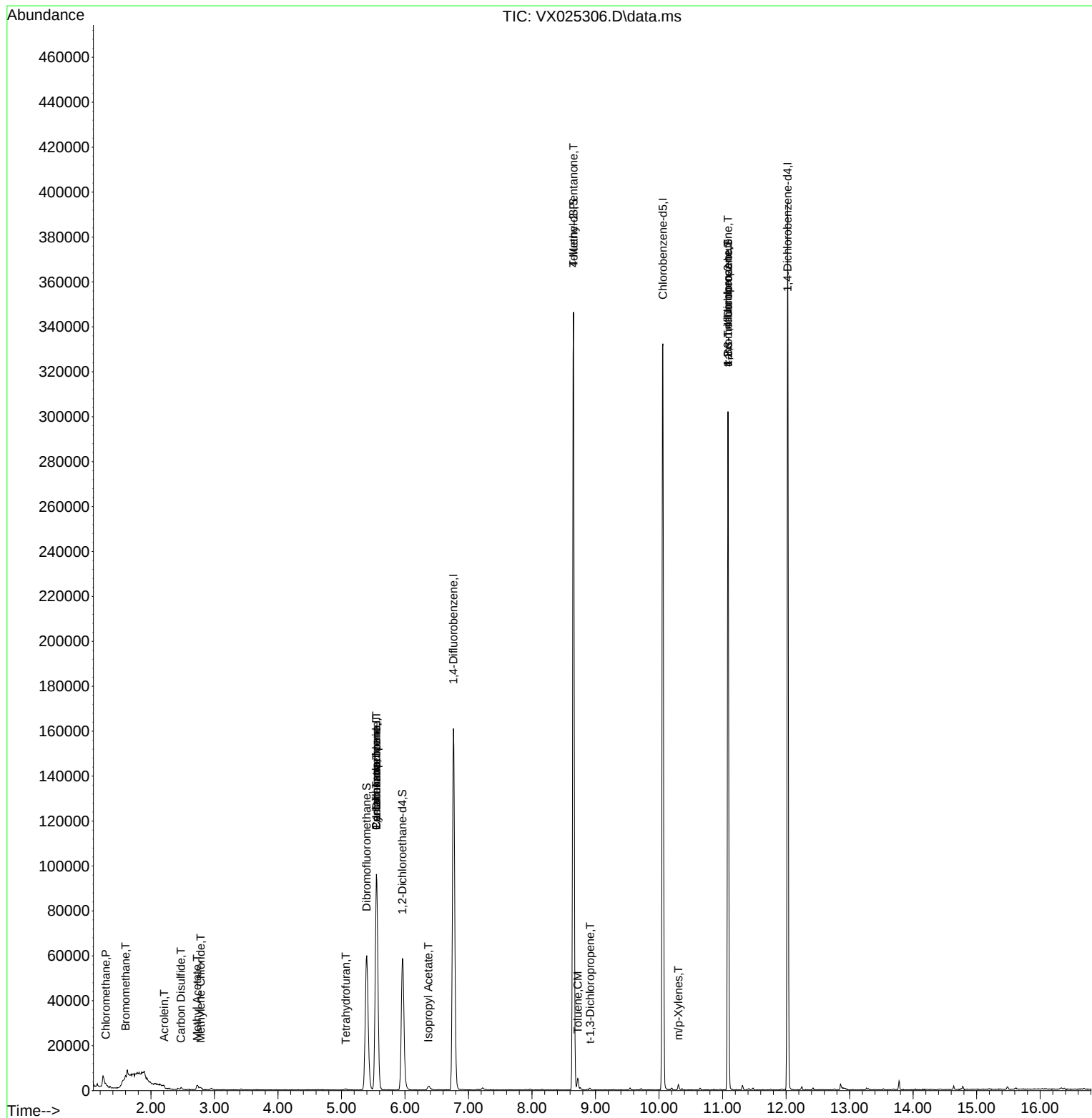
Internal Standards						
1) Pentafluorobenzene	5.550	168	103647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	178213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60680	55.542	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.080%
35) Dibromofluoromethane	5.397	113	58111	50.966	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.940%
50) Toluene-d8	8.653	98	218395	50.944	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.880%
62) 4-Bromofluorobenzene	11.085	95	82429	50.825	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.660%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	259	0.233	ug/l #	42
5) Bromomethane	1.599	94	320	0.609	ug/l #	80
11) Tert butyl alcohol	2.940	59	417	Below Cal	#	72
13) Acrolein	2.209	56	38	0.759	ug/l #	13
17) Carbon Disulfide	2.471	76	1083	0.401	ug/l #	85
18) Methyl Acetate	2.727	43	3353	1.729	ug/l	96
20) Methylene Chloride	2.782	84	593	0.520	ug/l #	88
29) Tetrahydrofuran	5.068	42	514	0.946	ug/l #	37
31) Cyclohexane	5.550	56	1785	1.057	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6913	4.264	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9512	5.327	ug/l #	16
43) Isopropyl Acetate	6.367	43	1104	0.360	ug/l #	61
51) 4-Methyl-2-Pentanone	8.653	43	1026	0.533	ug/l #	1
52) Toluene	8.720	92	2169	0.676	ug/l	99
53) t-1,3-Dichloropropene	8.915	75	586	0.306	ug/l #	43
68) m/p-Xylenes	10.305	106	742	0.289	ug/l	88
76) 1,2,3-Trichloropropane	11.085	75	39347	22.692	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	39347	57.165	ug/l #	9

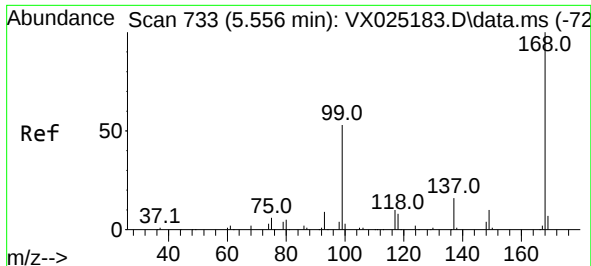
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

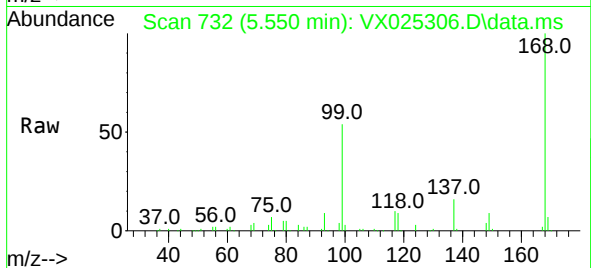
Quant Time: Nov 24 05:02:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
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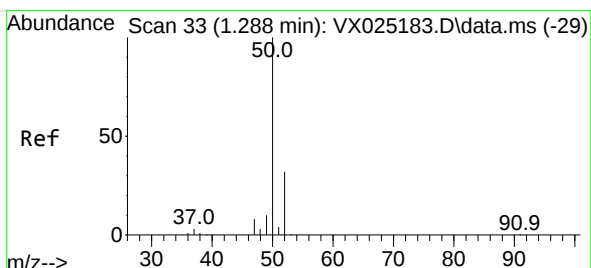
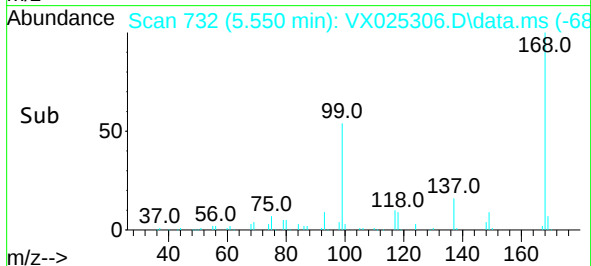
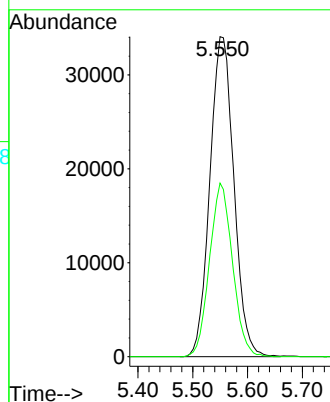


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

Instrument :
MSVOA_X
ClientSampleId :

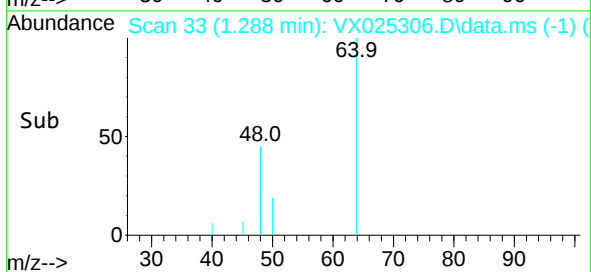
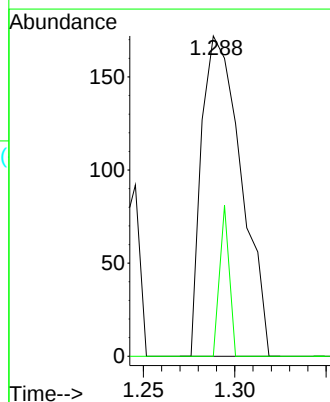
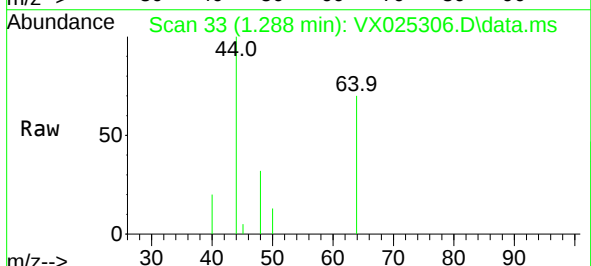


Tgt Ion:168 Resp: 103647
Ion Ratio Lower Upper
168 100
99 54.2 46.4 69.6



#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

Tgt Ion: 50 Resp: 259
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

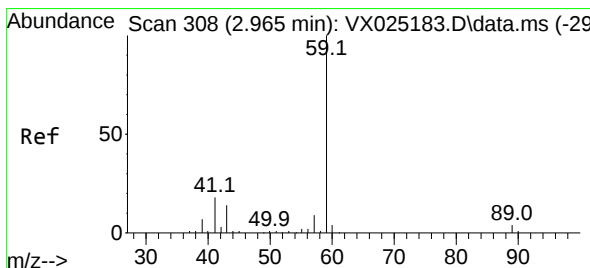
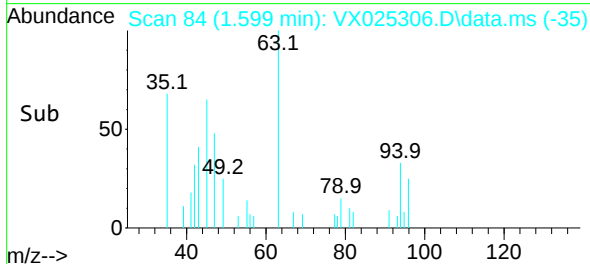
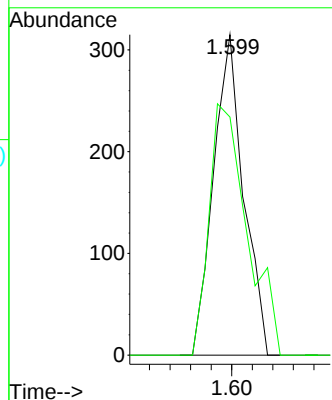
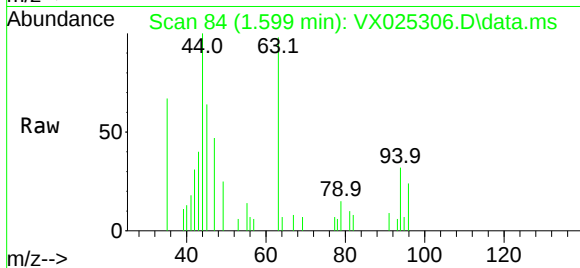




#5
Bromomethane
Concen: 0.609 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

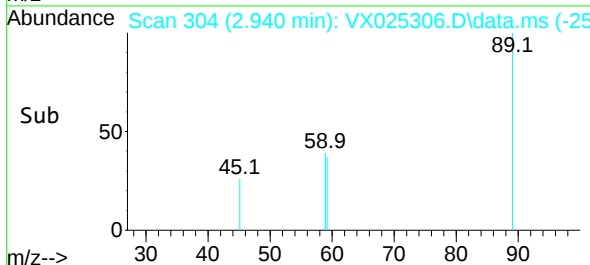
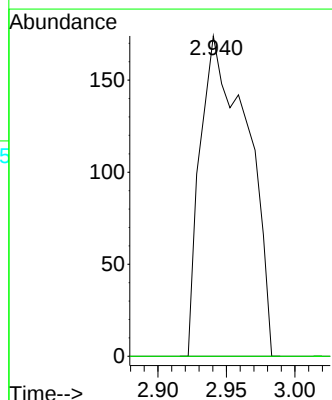
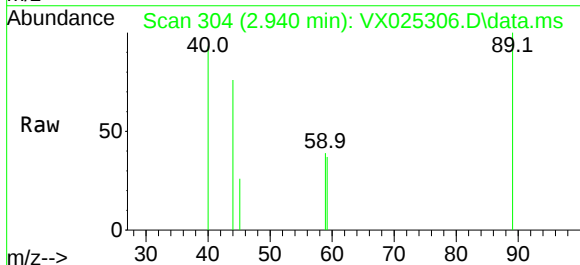
Instrument :
MSVOA_X
ClientSampleId :

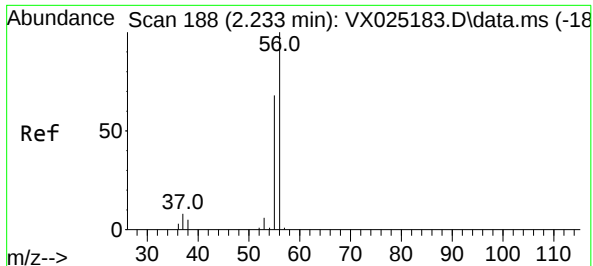
Tgt Ion: 94 Resp: 320
Ion Ratio Lower Upper
94 100
96 74.3 74.8 112.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

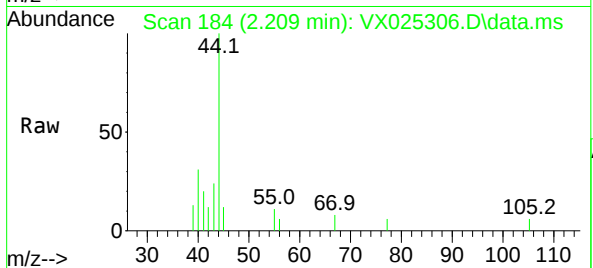
Tgt Ion: 59 Resp: 417
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



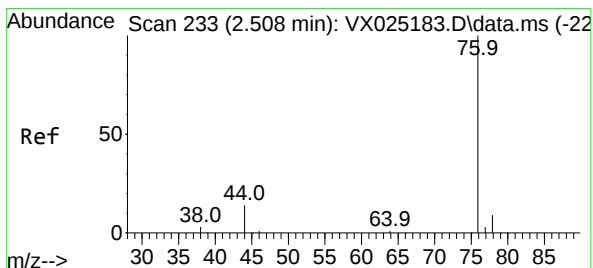
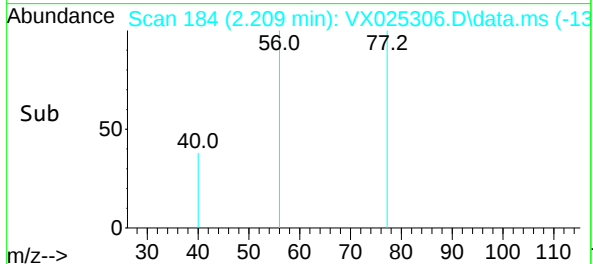
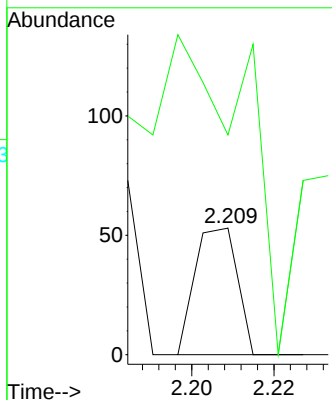


#13
Acrolein
Concen: 0.759 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

Instrument :
MSVOA_X
ClientSampleId :

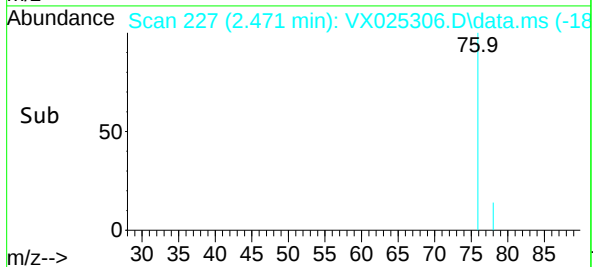
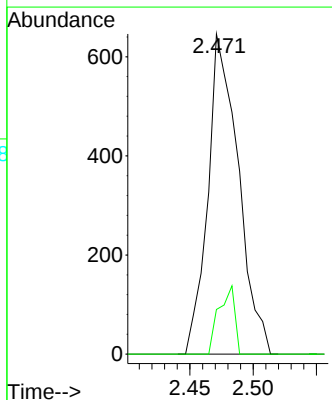
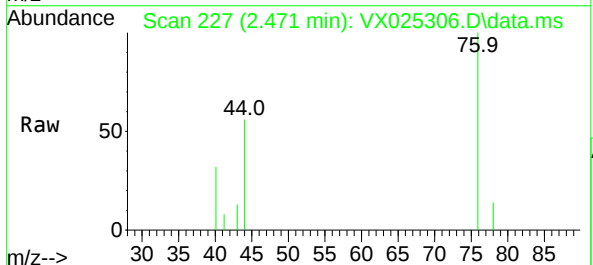


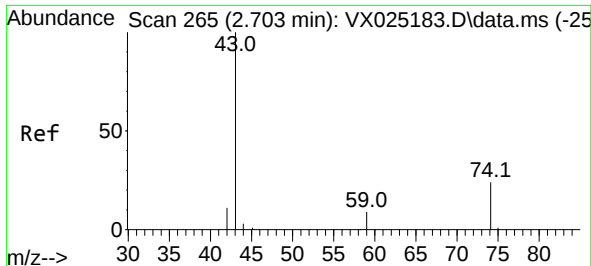
Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 0.0 58.6 87.8#



#17
Carbon Disulfide
Concen: 0.401 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.037 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

Tgt Ion: 76 Resp: 1083
Ion Ratio Lower Upper
76 100
78 13.9 6.9 10.3#

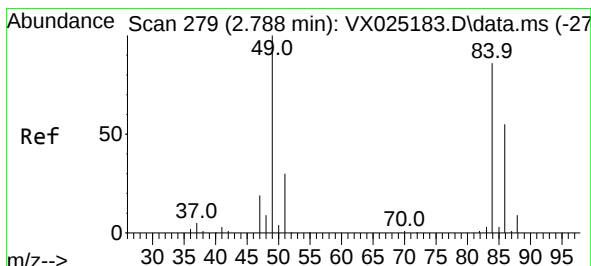
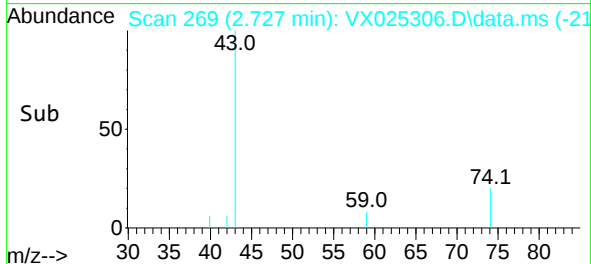
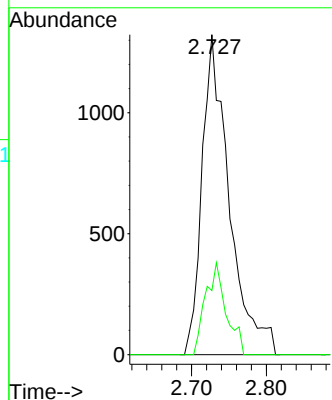
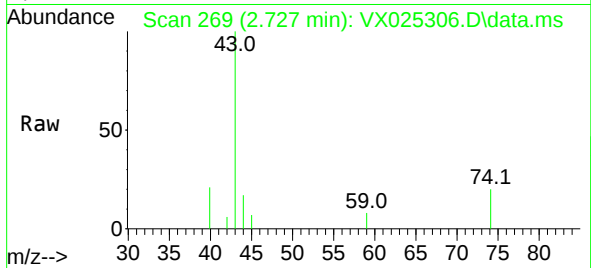




#18
Methyl Acetate
Concen: 1.729 ug/l
RT: 2.727 min Scan# 20
Delta R.T. 0.024 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

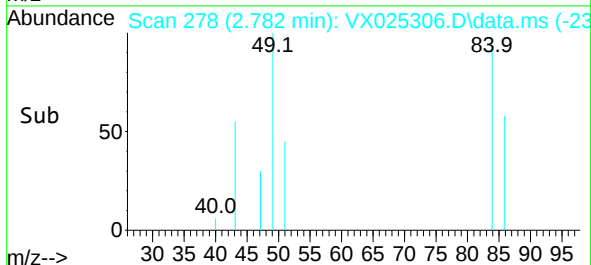
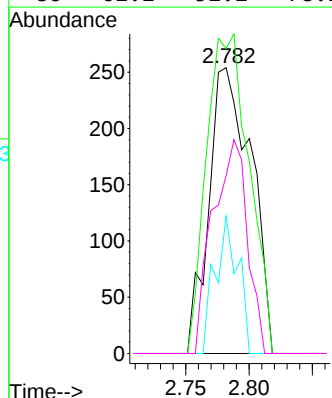
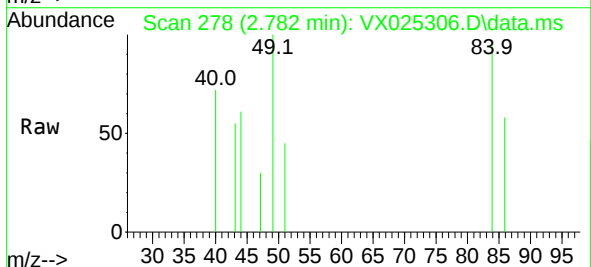
Instrument :
MSVOA_X
ClientSampleId :

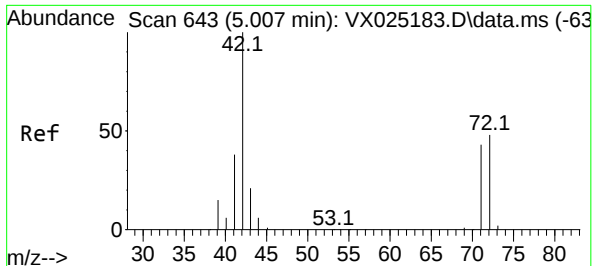
Tgt Ion: 43 Resp: 3353
Ion Ratio Lower Upper
43 100
74 21.8 19.0 28.6



#20
Methylene Chloride
Concen: 0.520 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

Tgt Ion: 84 Resp: 593
Ion Ratio Lower Upper
84 100
49 106.7 98.2 147.2
51 48.0 30.2 45.4#
86 62.2 52.2 78.2





#29

Tetrahydrofuran

Concen: 0.946 ug/l

RT: 5.068 min Scan# 61

Delta R.T. 0.061 min

Lab File: VX025306.D

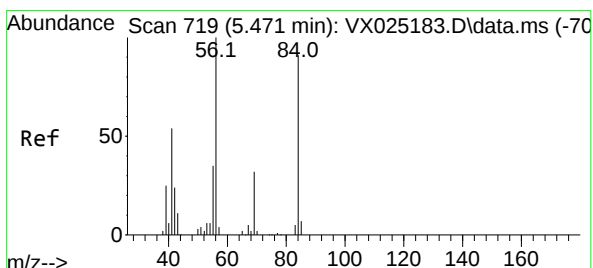
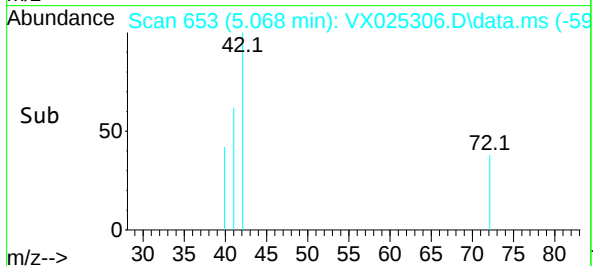
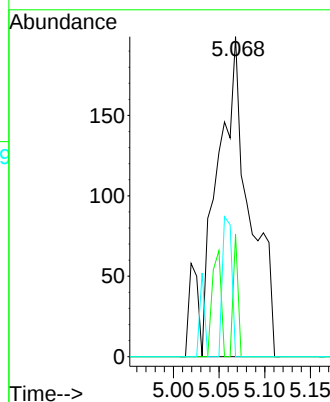
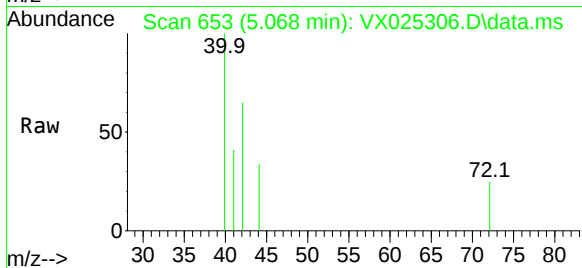
Acq: 24 Nov 2021 03:55

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	514
Ion	Ratio	Lower	Upper
42	100		
72	5.4	36.1	54.1#
71	0.0	33.7	50.5#



#31

Cyclohexane

Concen: 1.057 ug/l

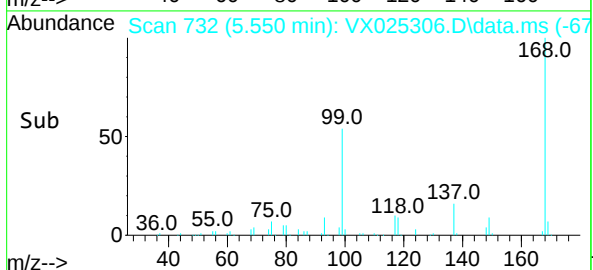
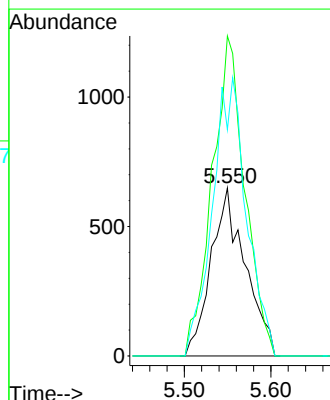
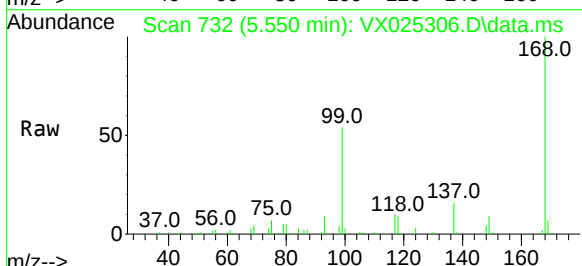
RT: 5.550 min Scan# 732

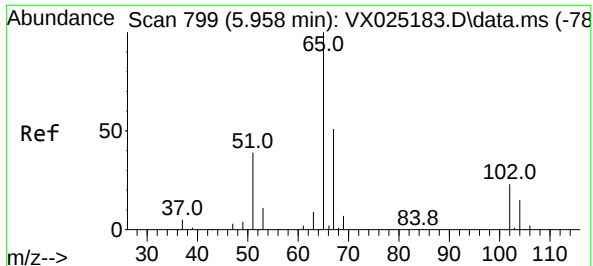
Delta R.T. 0.079 min

Lab File: VX025306.D

Acq: 24 Nov 2021 03:55

Tgt Ion:	56	Resp:	1785
Ion	Ratio	Lower	Upper
56	100		
69	190.4	24.2	36.2#
84	134.7	71.5	107.3#





#33

1,2-Dichloroethane-d4

Concen: 55.542 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025306.D

Acq: 24 Nov 2021 03:55

Instrument :

MSVOA_X

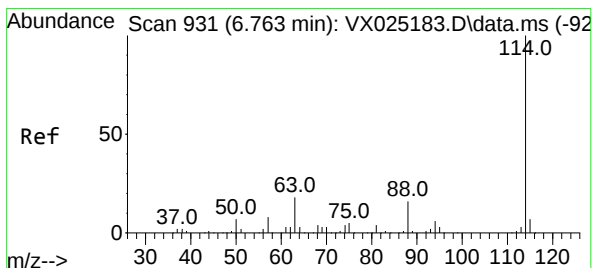
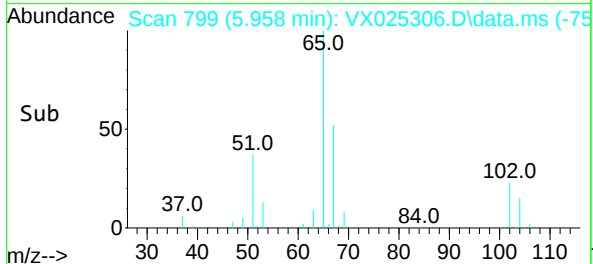
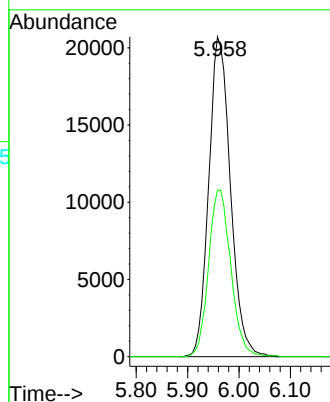
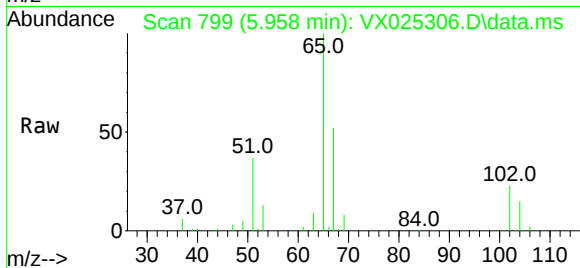
ClientSampleId :

Tgt Ion: 65 Resp: 60680

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025306.D

Acq: 24 Nov 2021 03:55

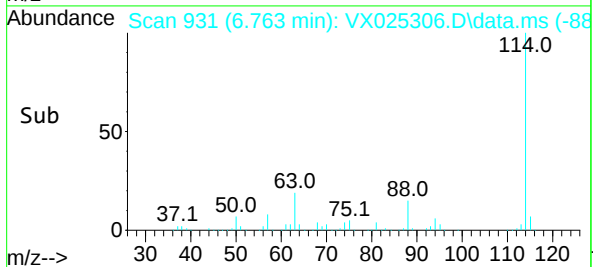
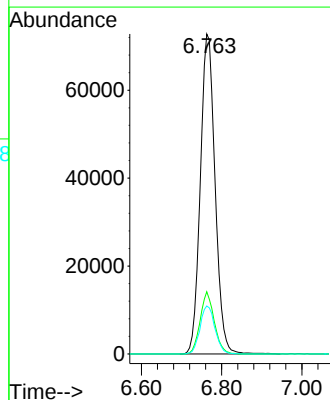
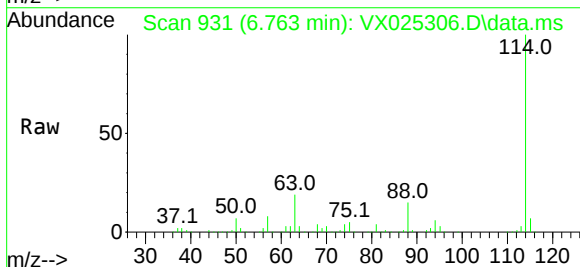
Tgt Ion: 114 Resp: 185831

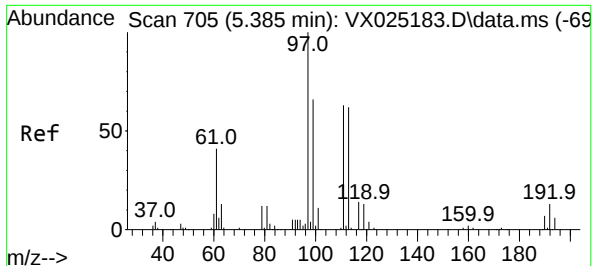
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.0

88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.966 ug/l

RT: 5.397 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX025306.D

Acq: 24 Nov 2021 03:55

Instrument :

MSVOA_X

ClientSampleId :

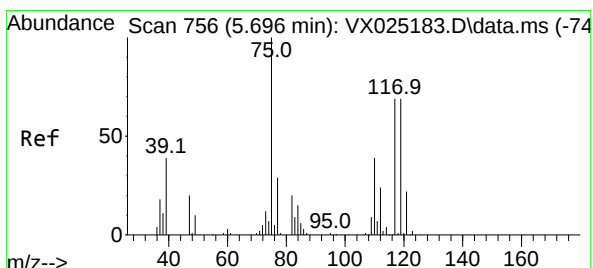
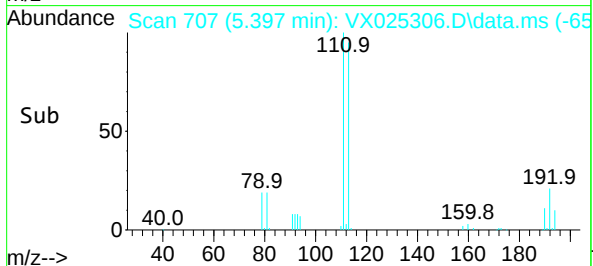
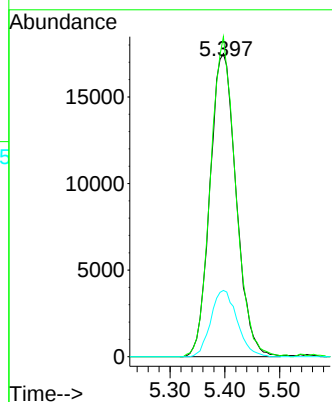
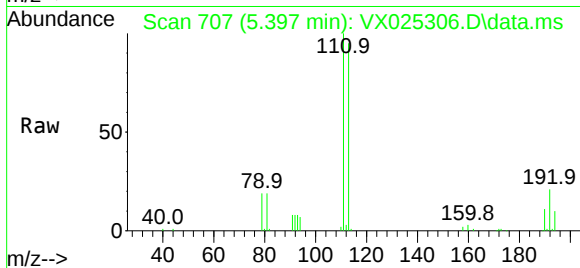
Tgt Ion:113 Resp: 58111

Ion Ratio Lower Upper

113 100

111 101.3 82.1 123.1

192 21.9 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.264 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX025306.D

Acq: 24 Nov 2021 03:55

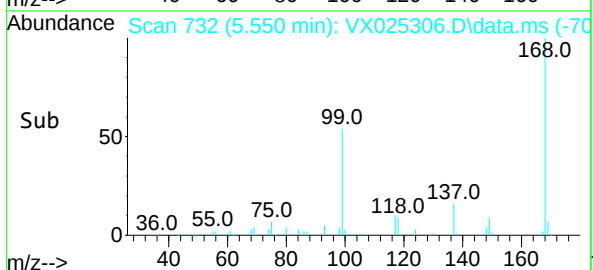
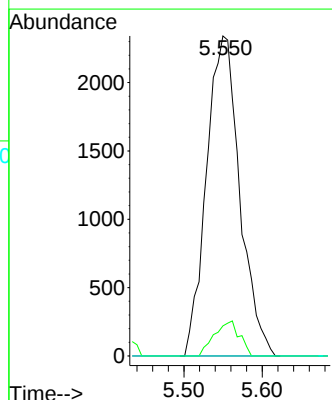
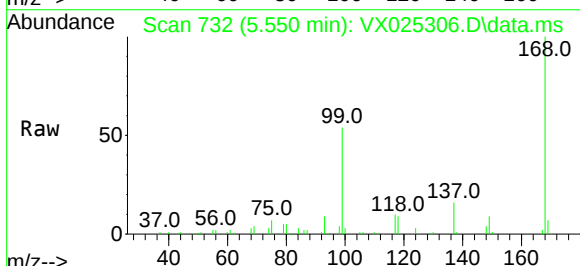
Tgt Ion: 75 Resp: 6913

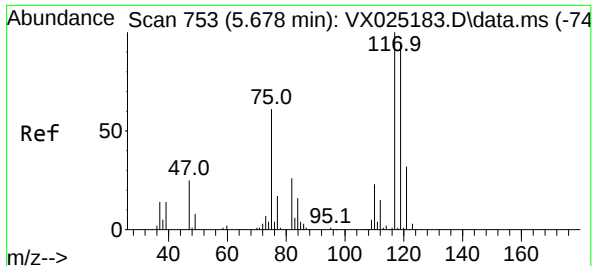
Ion Ratio Lower Upper

75 100

110 8.2 18.1 54.3#

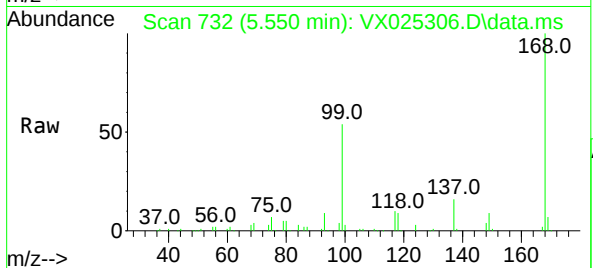
77 0.0 24.4 36.6#



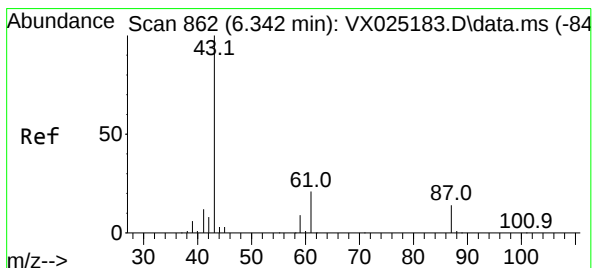
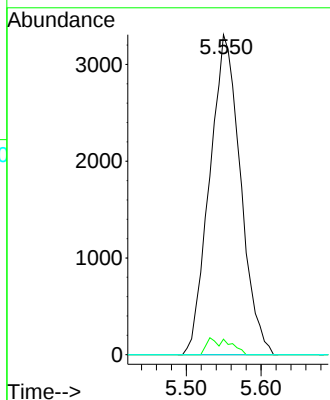
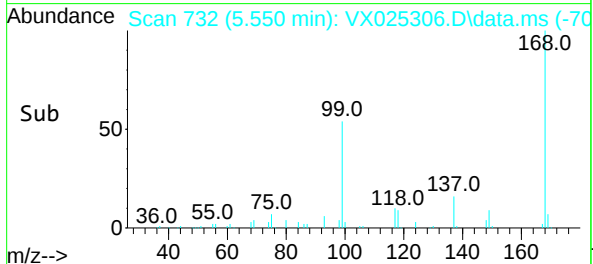


#38
Carbon Tetrachloride
Concen: 5.327 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

Instrument :
MSVOA_X
ClientSampleId :

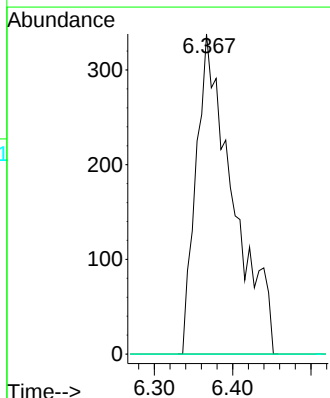
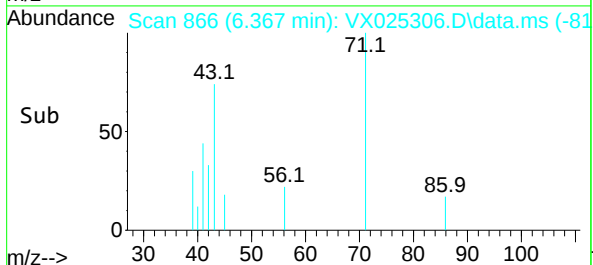
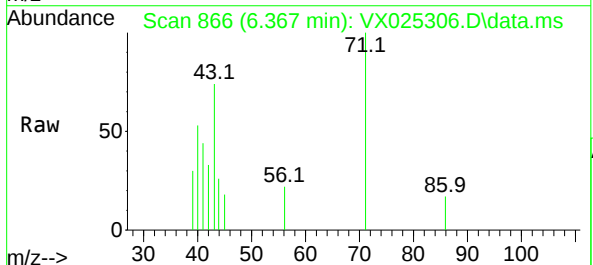


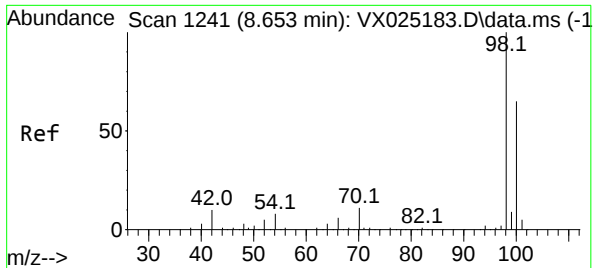
Tgt Ion:117 Resp: 9512
Ion Ratio Lower Upper
117 100
119 4.8 75.6 113.4#
121 0.0 23.7 35.5#



#43
Isopropyl Acetate
Concen: 0.360 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.025 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

Tgt Ion: 43 Resp: 1104
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 0.0 10.9 16.3#

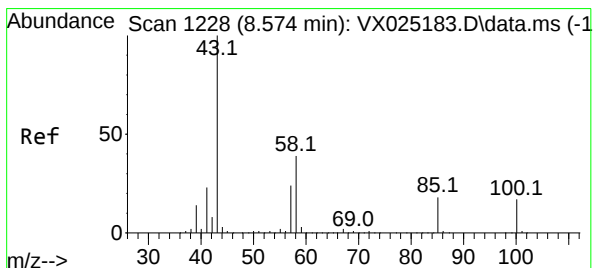
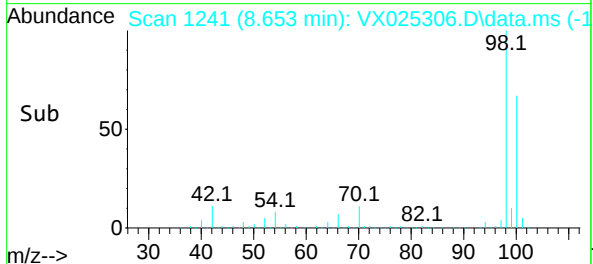
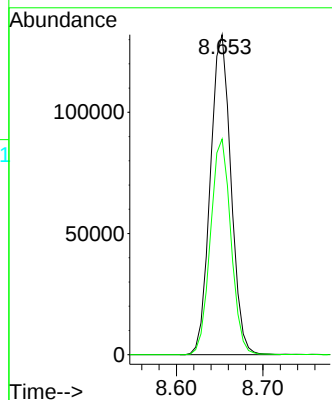
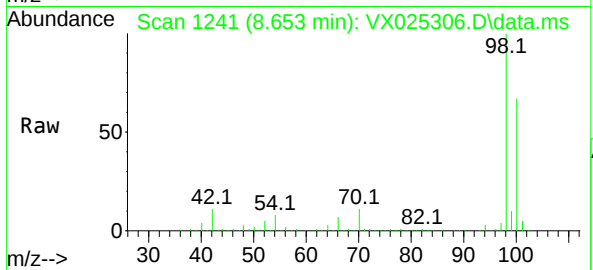




#50
Toluene-d8
Concen: 50.944 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

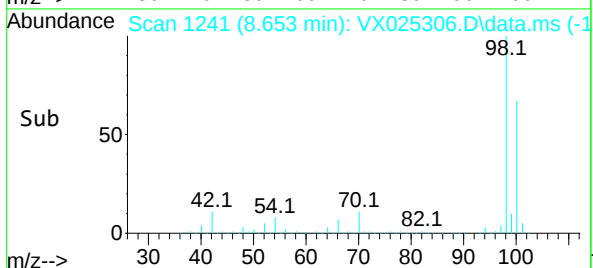
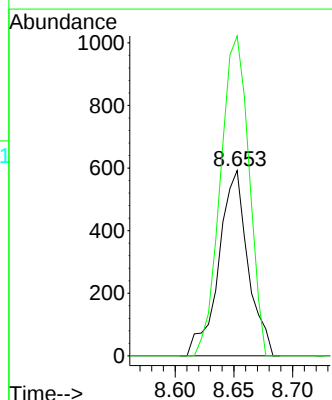
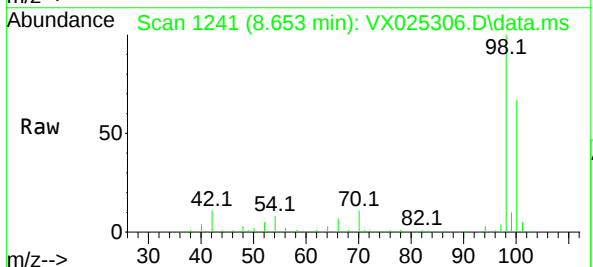
Instrument :
MSVOA_X
ClientSampleId :

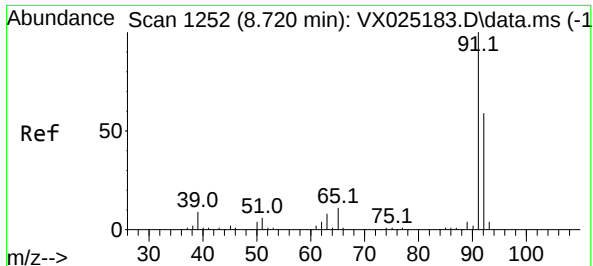
Tgt Ion: 98 Resp: 218395
Ion Ratio Lower Upper
98 100
100 67.0 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.533 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

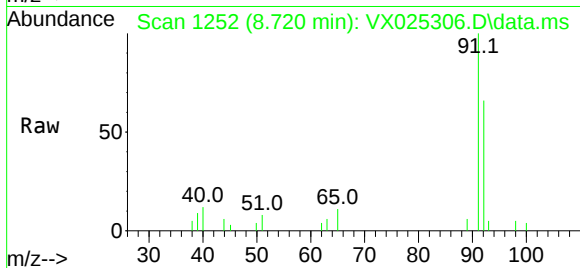
Tgt Ion: 43 Resp: 1026
Ion Ratio Lower Upper
43 100
58 168.0 30.9 46.3#



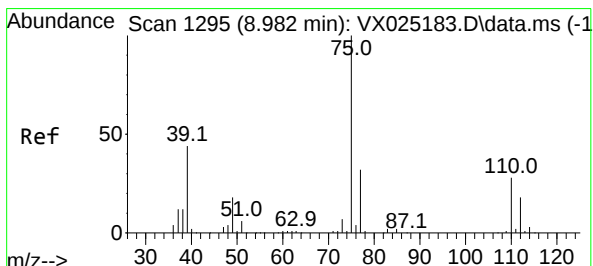
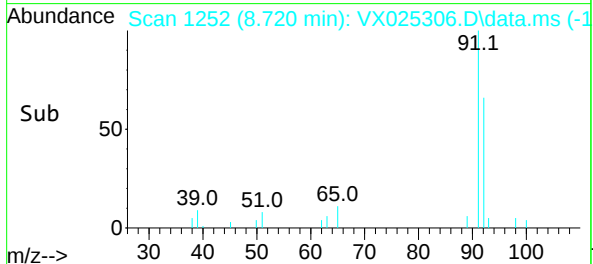
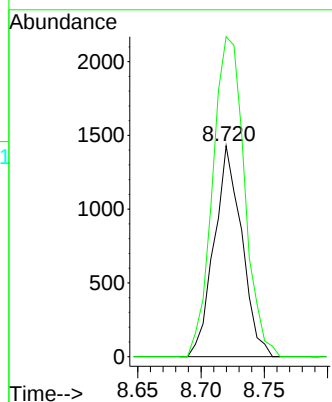


#52
Toluene
Concen: 0.676 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

Instrument :
MSVOA_X
ClientSampleId :

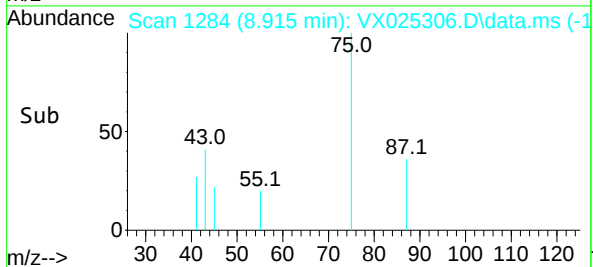
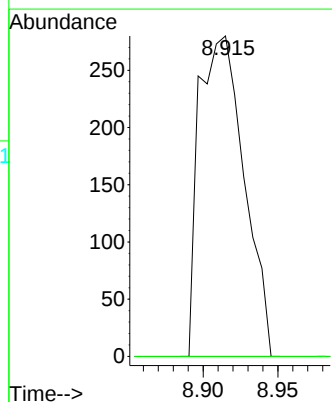
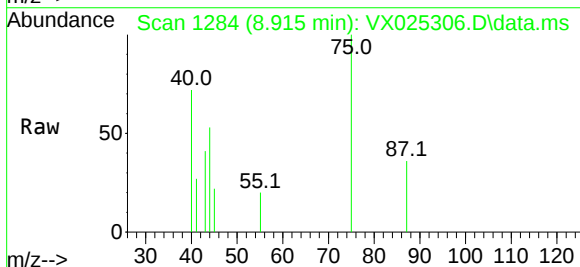


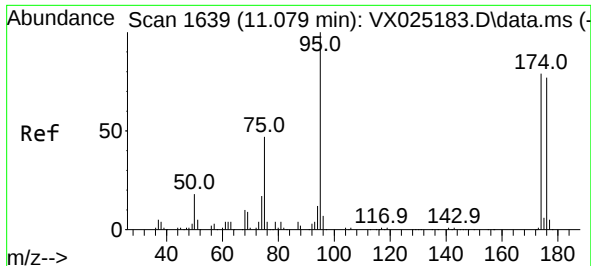
Tgt Ion: 92 Resp: 2169
Ion Ratio Lower Upper
92 100
91 174.6 138.6 208.0



#53
t-1,3-Dichloropropene
Concen: 0.306 ug/l
RT: 8.915 min Scan# 1284
Delta R.T. -0.067 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

Tgt Ion: 75 Resp: 586
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#

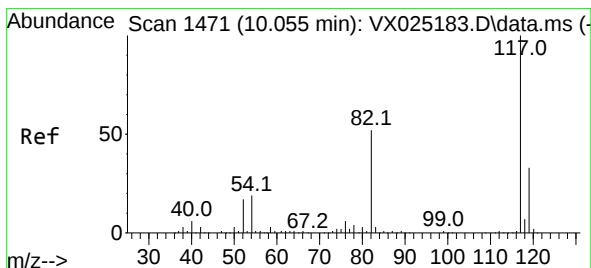
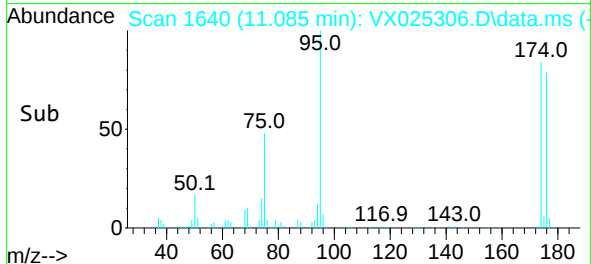
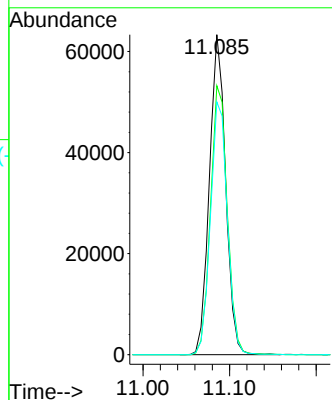
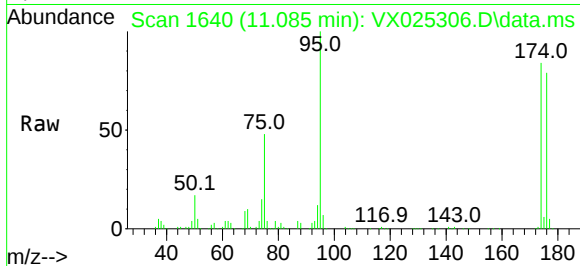




#62
4-Bromofluorobenzene
Concen: 50.825 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

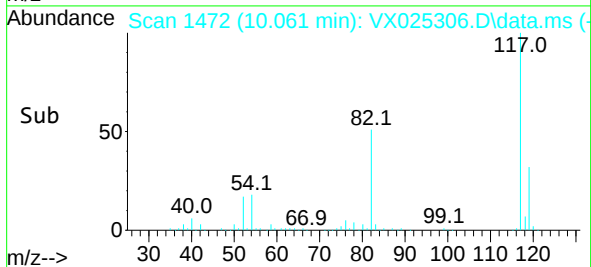
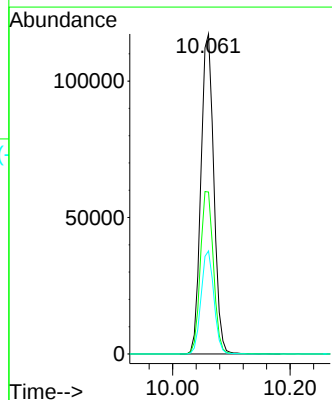
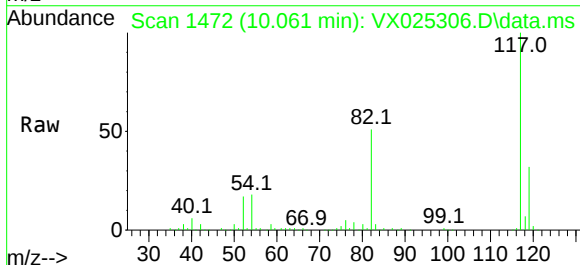
Instrument :
MSVOA_X
ClientSampleId :

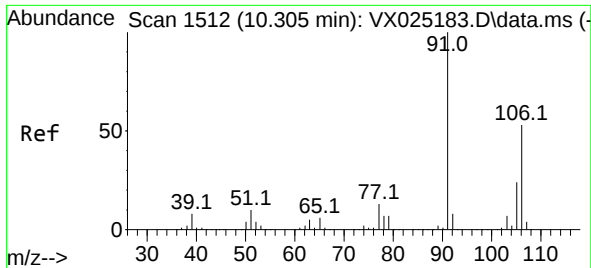
Tgt Ion: 95 Resp: 82429
Ion Ratio Lower Upper
95 100
174 86.9 0.0 158.0
176 82.3 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

Tgt Ion: 117 Resp: 178213
Ion Ratio Lower Upper
117 100
82 50.6 44.6 67.0
119 32.2 24.8 37.2

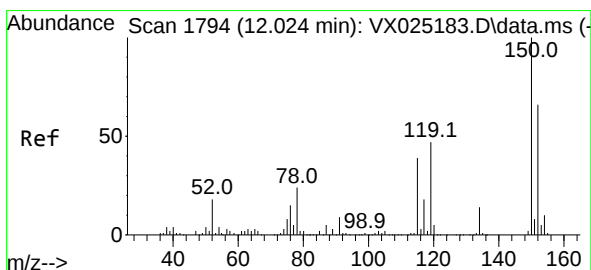
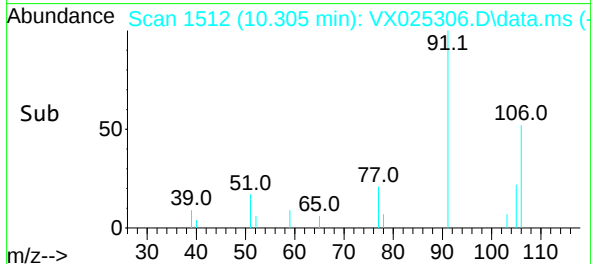
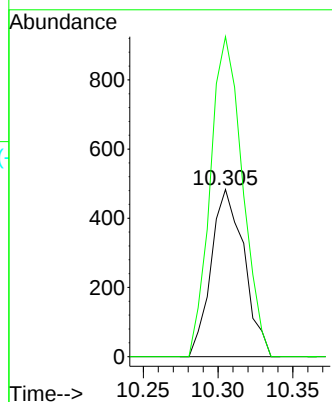
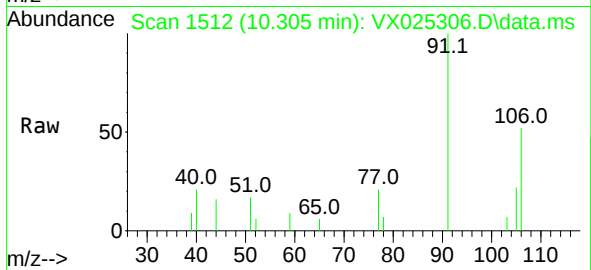




#68
m/p-Xylenes
Concen: 0.289 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

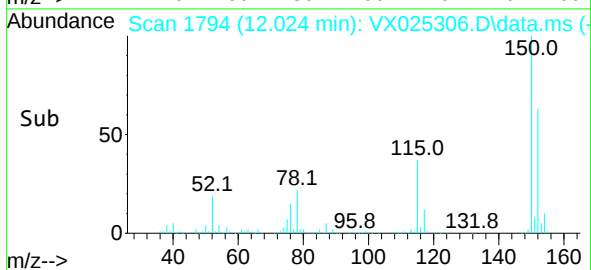
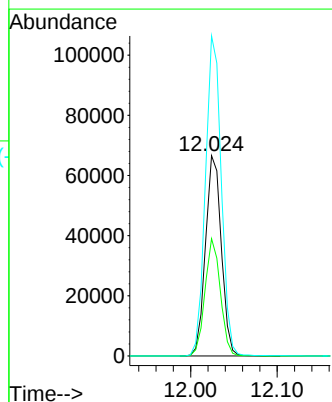
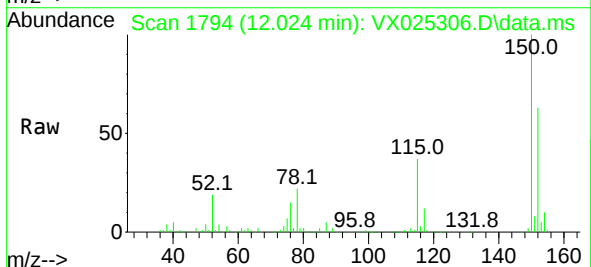
Instrument :
MSVOA_X
ClientSampleId :

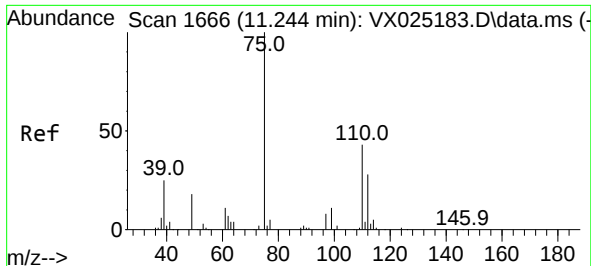
Tgt Ion:106 Resp: 742
Ion Ratio Lower Upper
106 100
91 186.3 163.4 245.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

Tgt Ion:152 Resp: 84674
Ion Ratio Lower Upper
152 100
115 56.7 43.3 129.8
150 159.6 0.0 351.2

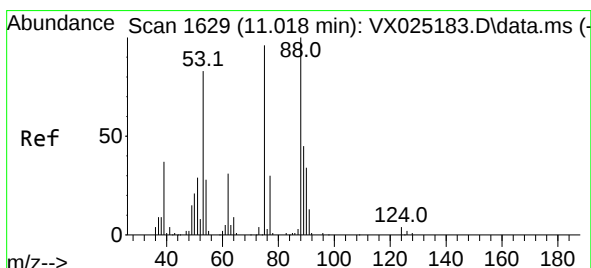
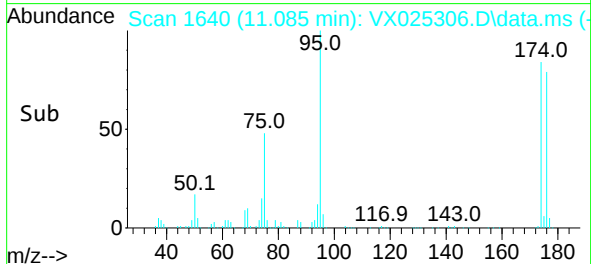
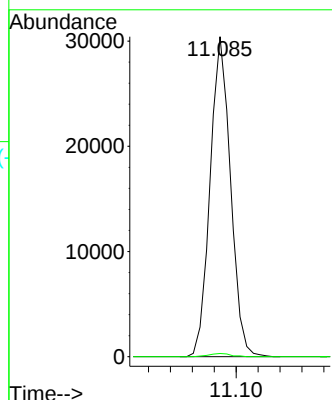
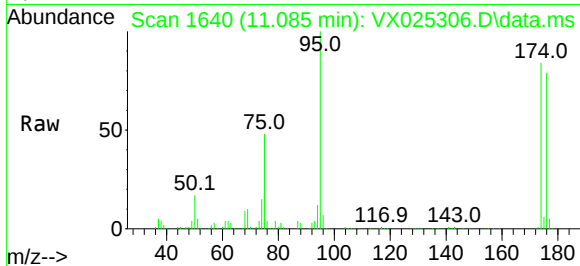




#76
1,2,3-Trichloropropane
Concen: 22.692 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 39347
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.165 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

Tgt Ion: 75 Resp: 39347
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

