

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033283.D
 Acq On : 07 Dec 2022 15:53
 Operator : JC/MD
 Sample : VX1207MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBL01

Quant Time: Dec 08 01:42:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

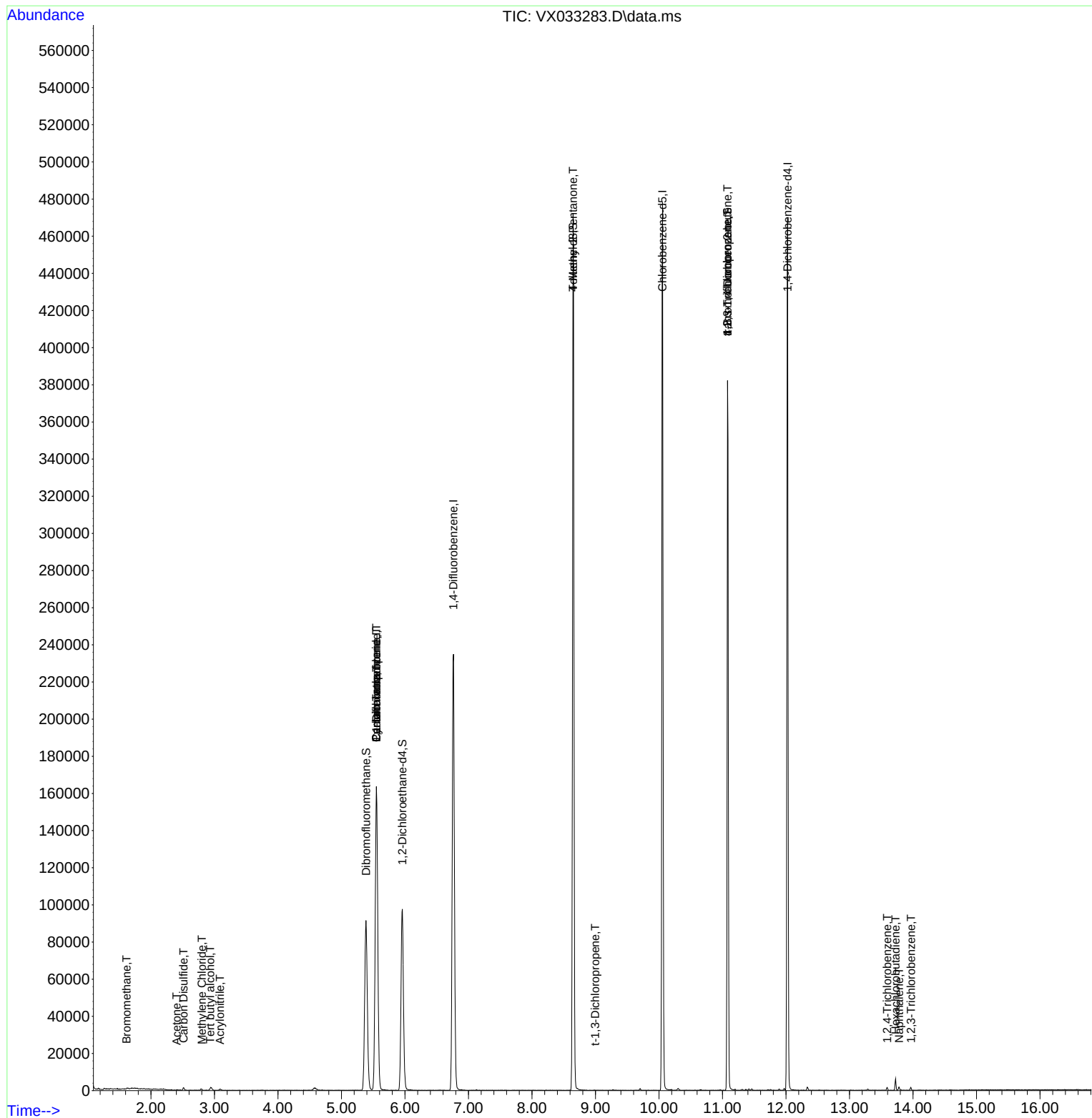
Internal Standards						
1) Pentafluorobenzene	5.550	168	154396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245375	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99586	100.541	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	201.080%#	
35) Dibromofluoromethane	5.385	113	79491	72.026	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	144.060%#	
50) Toluene-d8	8.647	98	284109	123.056	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	246.120%#	
62) 4-Bromofluorobenzene	11.079	95	99371	56.291	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	112.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	233	0.223	ug/l	81
11) Tert butyl alcohol	2.934	59	1129	3.728	ug/l #	72
15) Acrylonitrile	3.087	53	171	0.228	ug/l #	76
16) Acetone	2.404	43	267	0.364	ug/l #	45
17) Carbon Disulfide	2.514	76	1649	0.459	ug/l #	90
20) Methylene Chloride	2.800	84	379	0.232	ug/l #	57
31) Cyclohexane	5.550	56	3229	1.372	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11606	5.394	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16068	6.665	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1252	0.605	ug/l #	1
53) t-1,3-Dichloropropene	8.994	75	77	2.534	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	51715	25.635	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	51715	79.744	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	587	0.296	ug/l	85
94) Hexachlorobutadiene	13.725	225	921	1.159	ug/l	95
95) Naphthalene	13.780	128	1725	0.261	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.969	180	554	0.276	ug/l	86

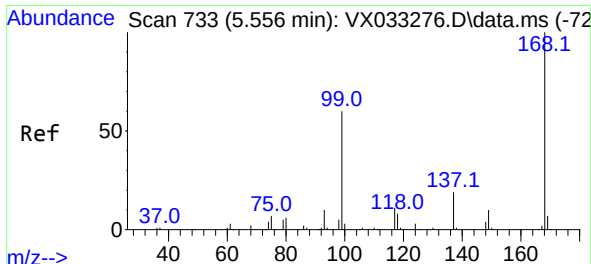
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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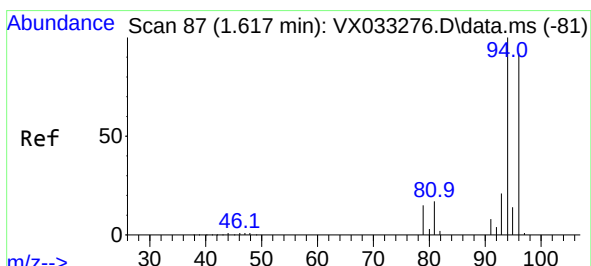
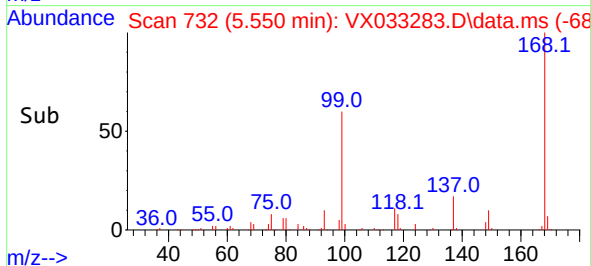
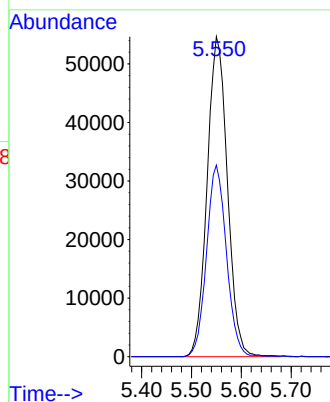
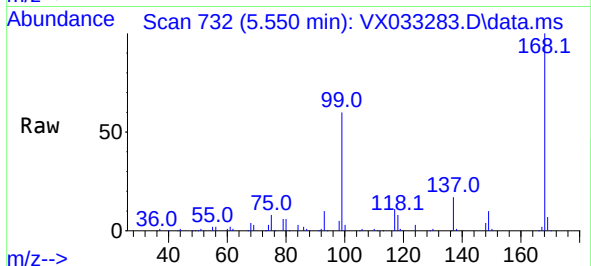




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

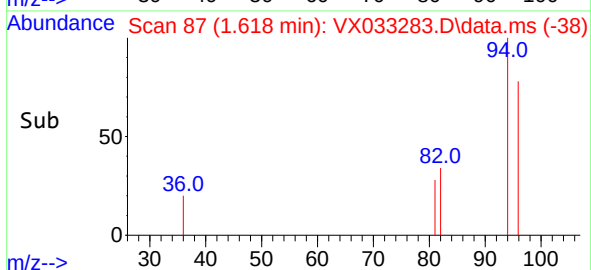
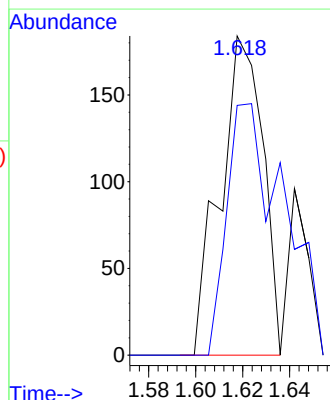
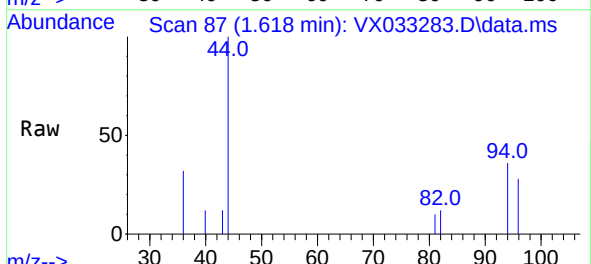
Instrument :
MSVOA_X
ClientSampleId :
VX1207MBL01

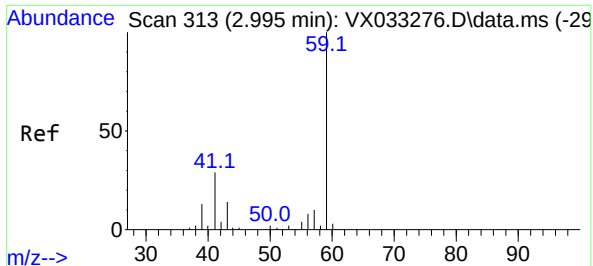
Tgt Ion:168 Resp: 154396
Ion Ratio Lower Upper
168 100
99 59.9 46.1 69.1



#5
Bromomethane
Concen: 0.223 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

Tgt Ion: 94 Resp: 233
Ion Ratio Lower Upper
94 100
96 78.3 77.6 116.4

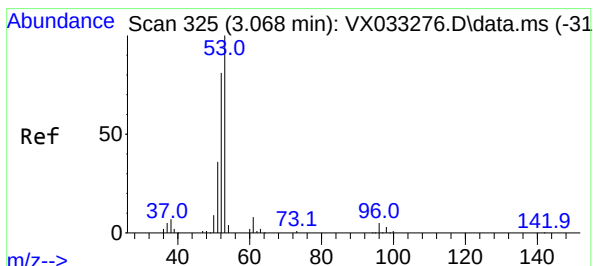
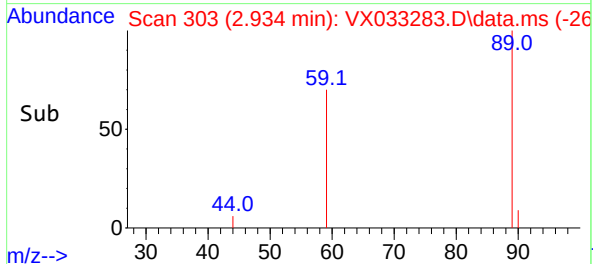
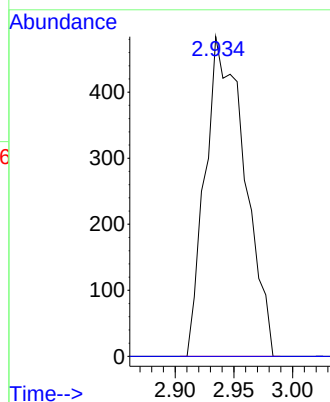
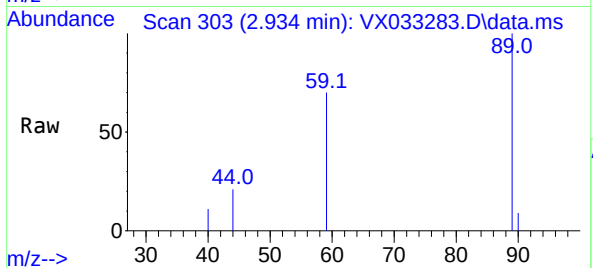




#11
Tert butyl alcohol
Concen: 3.728 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.061 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

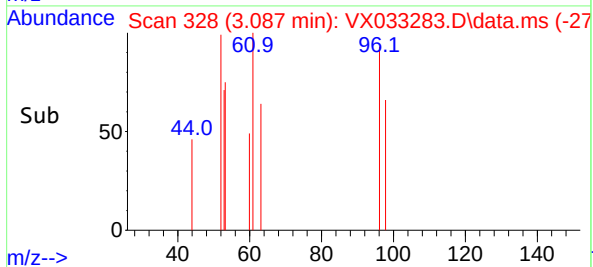
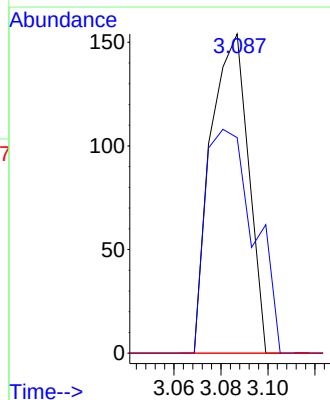
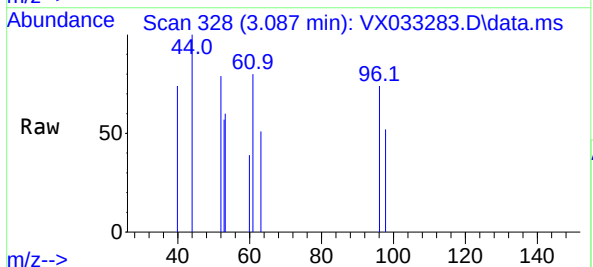
Instrument :
MSVOA_X
ClientSampleId :
VX1207MBL01

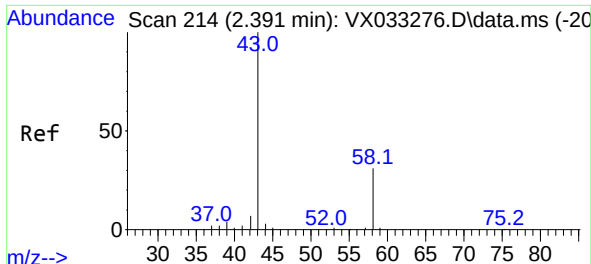
Tgt Ion: 59 Resp: 1129
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#15
Acrylonitrile
Concen: 0.228 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.019 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

Tgt Ion: 53 Resp: 171
Ion Ratio Lower Upper
53 100
52 90.6 67.4 101.0
51 0.0 30.3 45.5#

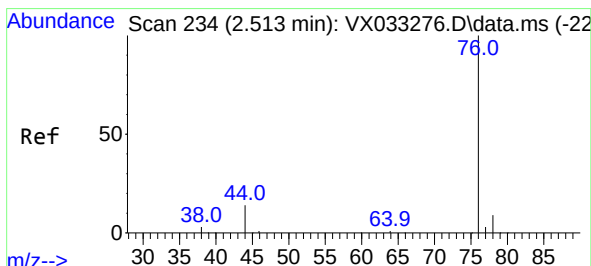
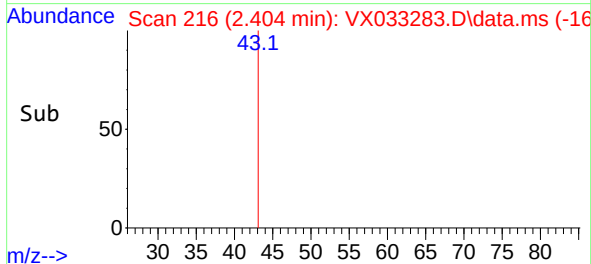
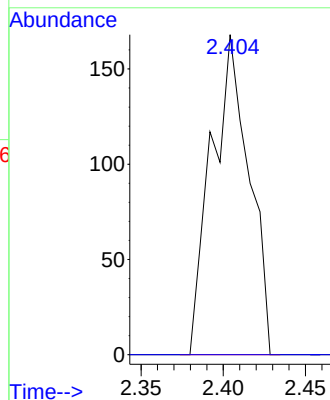
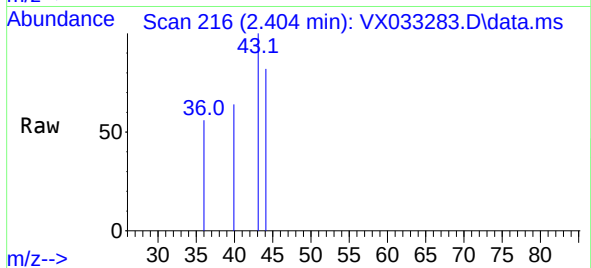




#16
Acetone
Concen: 0.364 ug/l
RT: 2.404 min Scan# 214
Delta R.T. 0.013 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

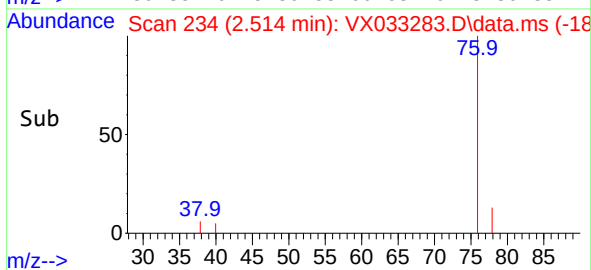
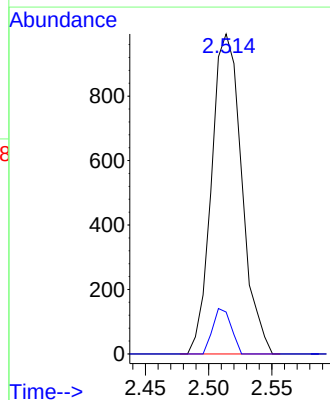
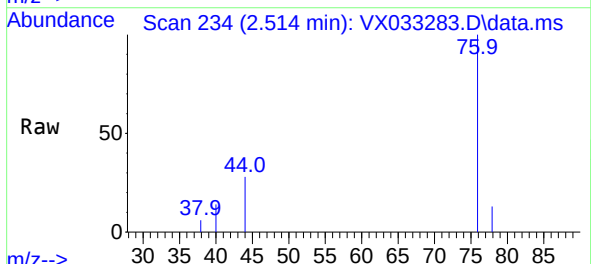
Instrument :
MSVOA_X
ClientSampleId :
VX1207MBL01

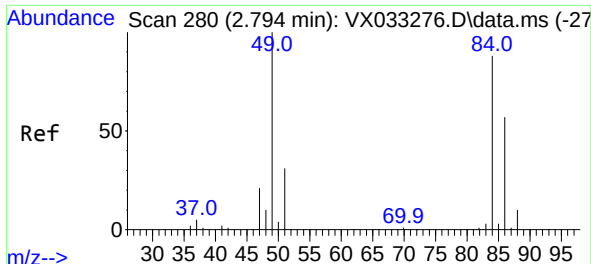
Tgt Ion: 43 Resp: 267
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.459 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

Tgt Ion: 76 Resp: 1649
Ion Ratio Lower Upper
76 100
78 13.1 7.5 11.3#





#20

Methylene Chloride

Concen: 0.232 ug/l

RT: 2.800 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX033283.D

Acq: 07 Dec 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBL01

Tgt Ion: 84 Resp: 379

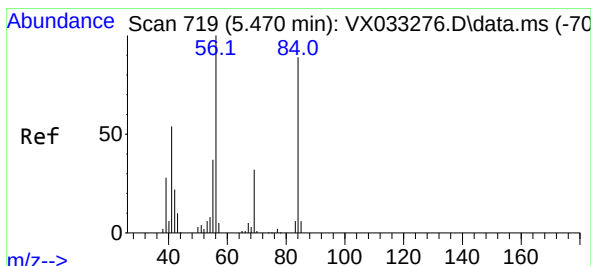
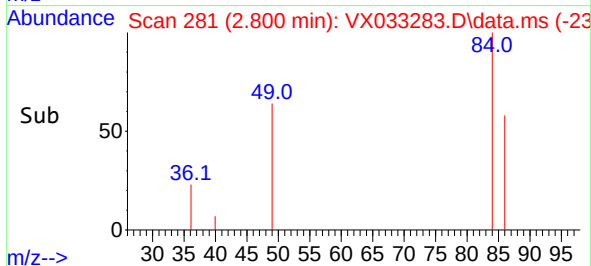
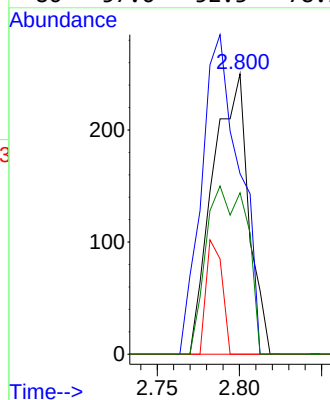
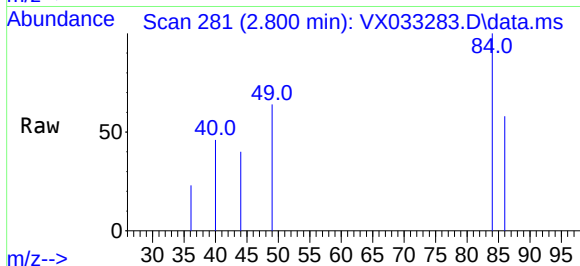
Ion Ratio Lower Upper

84 100

49 64.4 101.0 151.6#

51 0.0 31.1 46.7#

86 57.6 52.3 78.5



#31

Cyclohexane

Concen: 1.372 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX033283.D

Acq: 07 Dec 2022 15:53

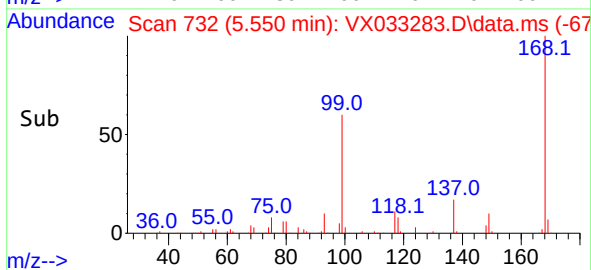
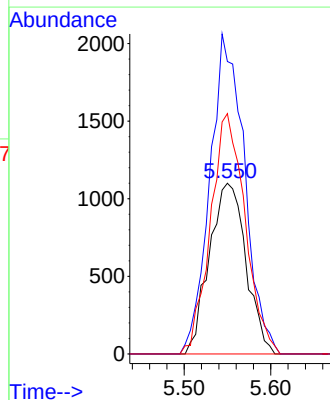
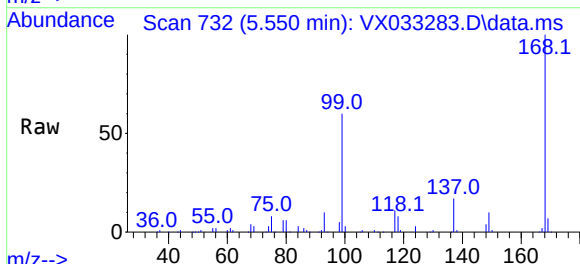
Tgt Ion: 56 Resp: 3229

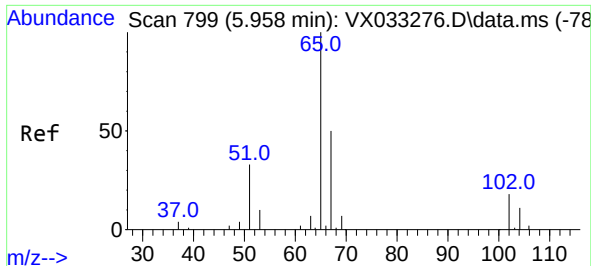
Ion Ratio Lower Upper

56 100

69 171.4 24.1 36.1#

84 140.8 66.9 100.3#

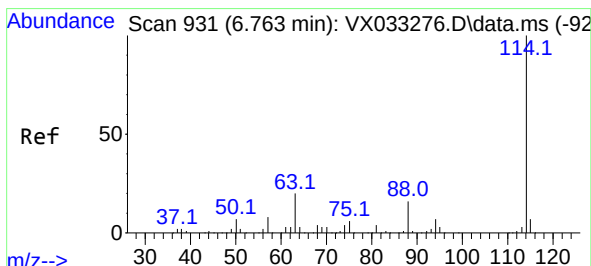
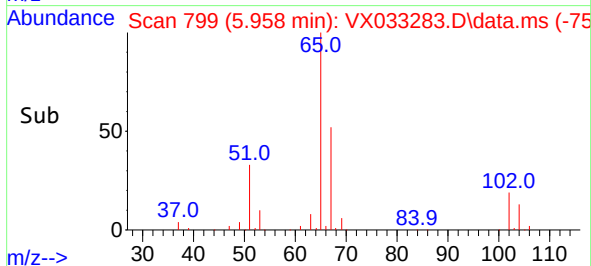
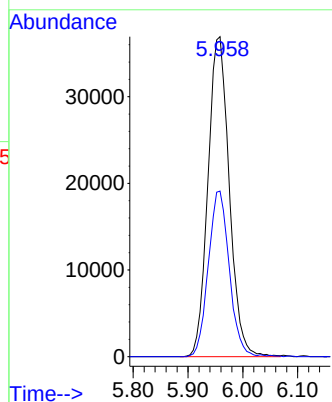
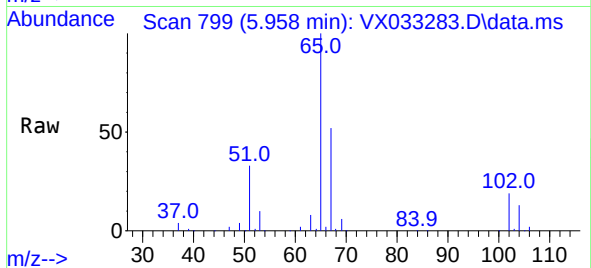




#33
1,2-Dichloroethane-d4
Concen: 100.541 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

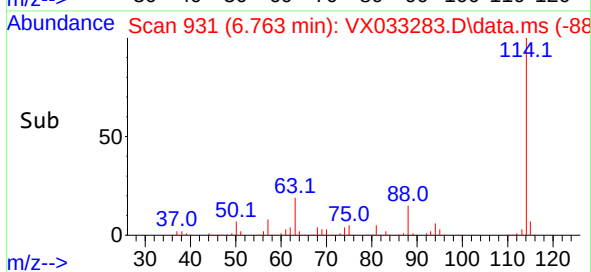
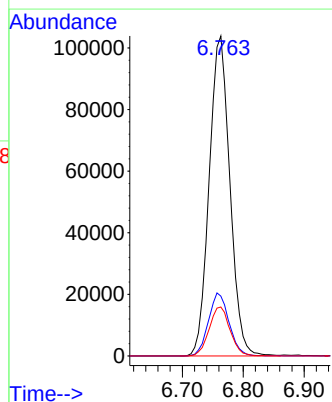
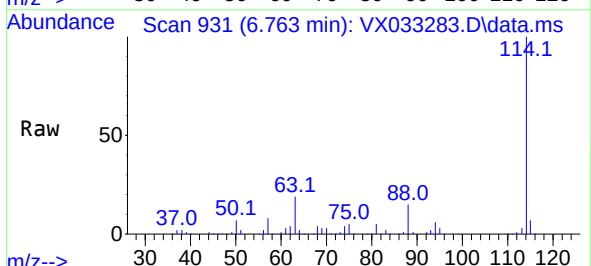
Instrument :
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ClientSampleId :
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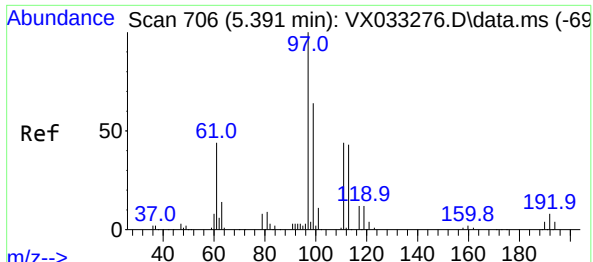
Tgt Ion: 65 Resp: 99586
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

Tgt Ion: 114 Resp: 245375
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.6
88 15.3 0.0 33.4

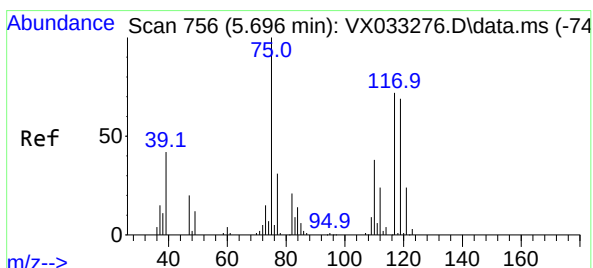
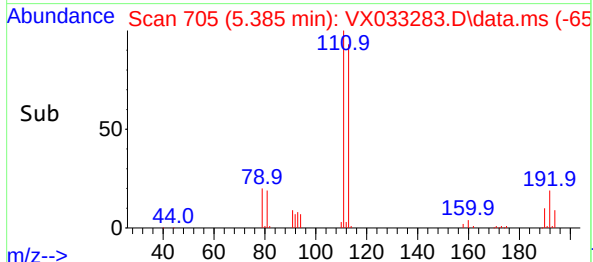
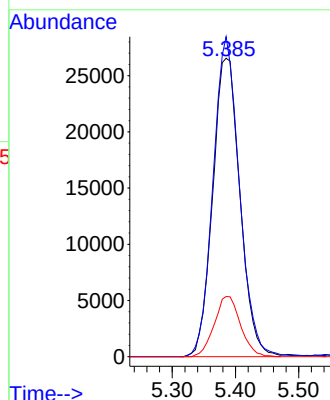
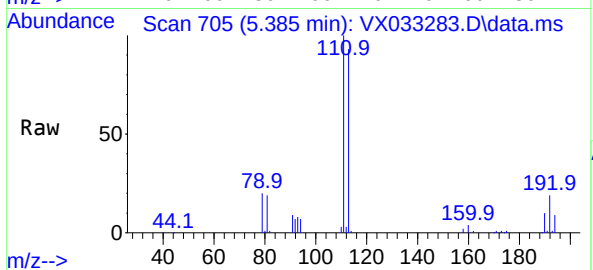




#35
Dibromofluoromethane
Concen: 72.026 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

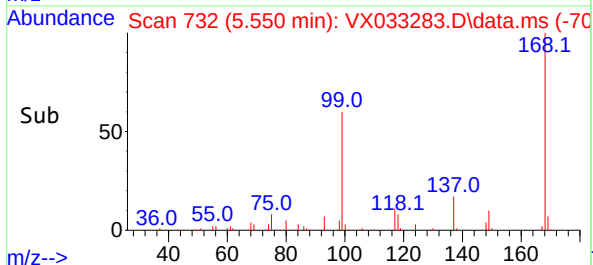
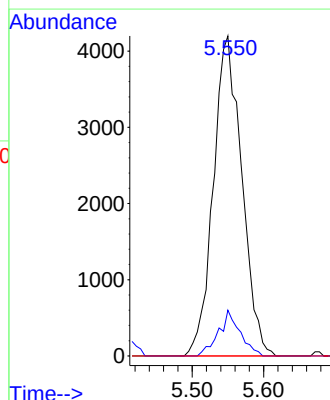
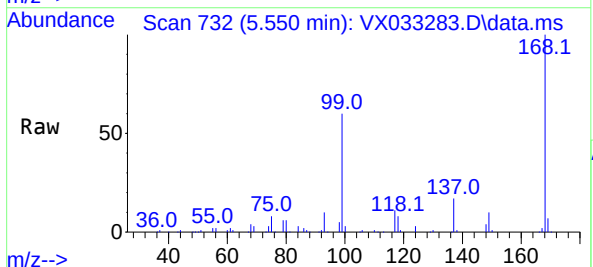
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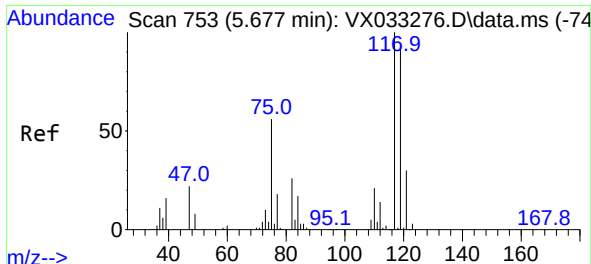
Tgt Ion:113 Resp: 79491
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 19.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.394 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

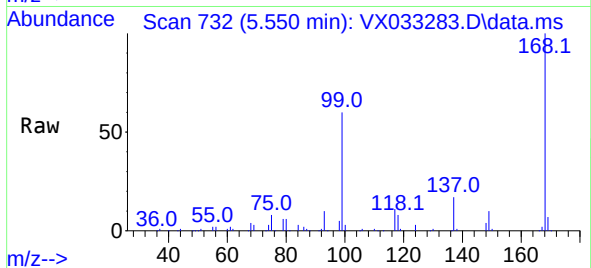
Tgt Ion: 75 Resp: 11606
Ion Ratio Lower Upper
75 100
110 10.8 18.4 55.2#
77 0.0 24.5 36.7#



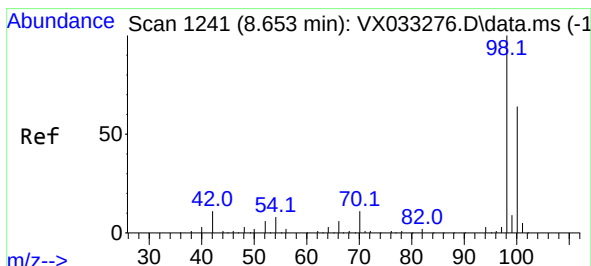
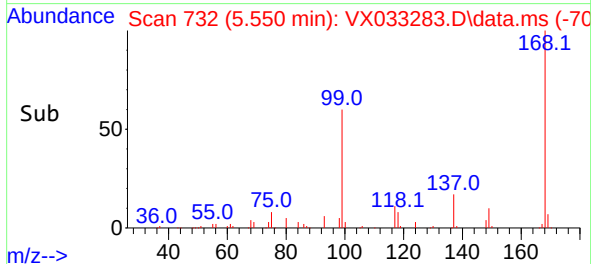
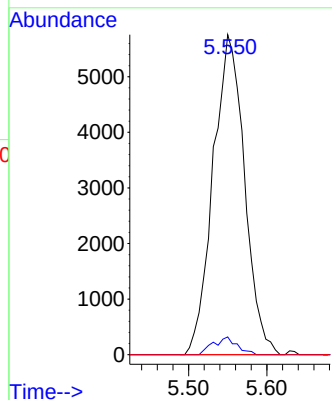


#38
Carbon Tetrachloride
Concen: 6.665 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBL01

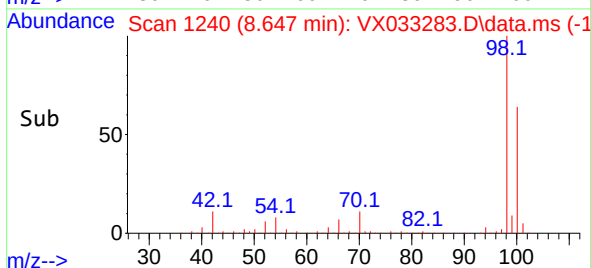
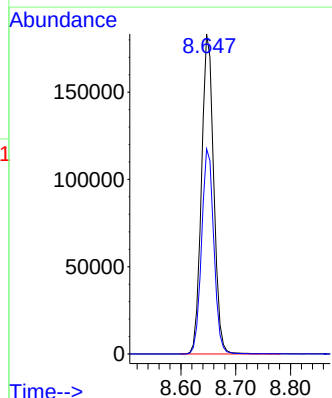
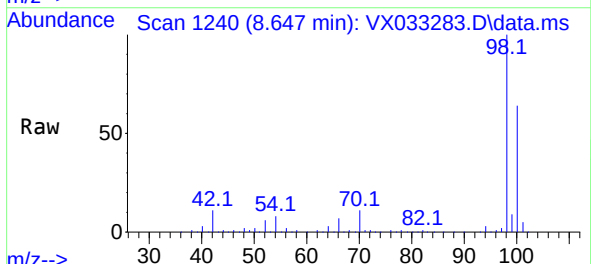


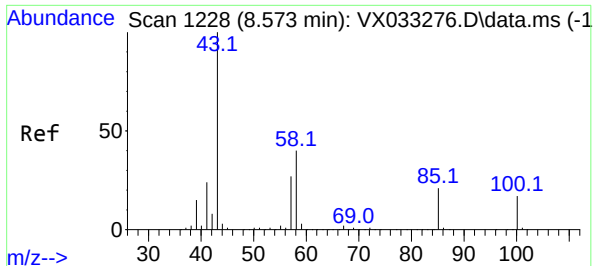
Tgt Ion:117 Resp: 16068
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 123.056 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

Tgt Ion: 98 Resp: 284109
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.605 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX033283.D

Acq: 07 Dec 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

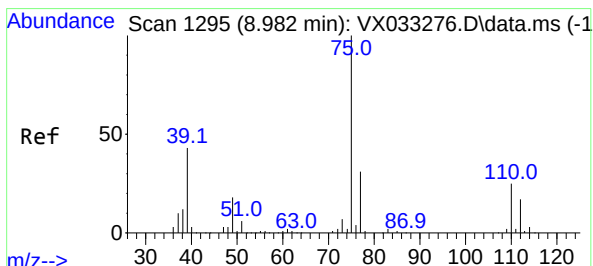
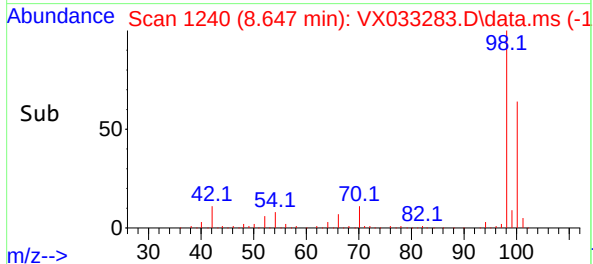
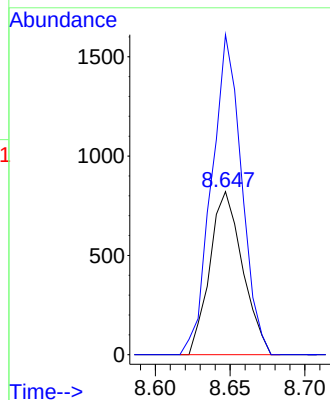
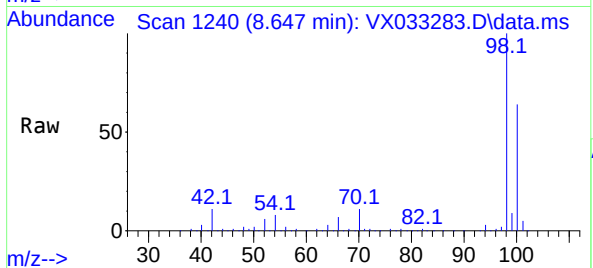
VX1207MBL01

Tgt Ion: 43 Resp: 1252

Ion Ratio Lower Upper

43 100

58 179.9 30.9 46.3#



#53

t-1,3-Dichloropropene

Concen: 2.534 ug/l

RT: 8.994 min Scan# 1297

Delta R.T. 0.012 min

Lab File: VX033283.D

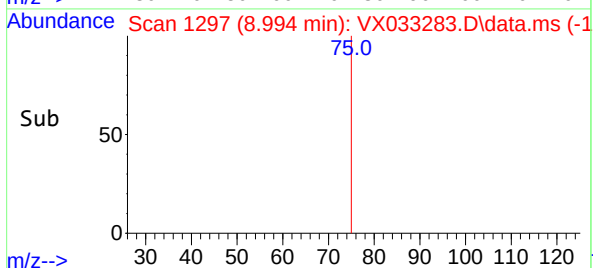
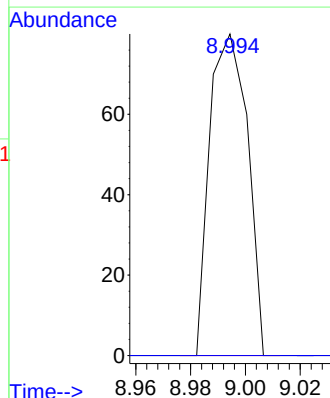
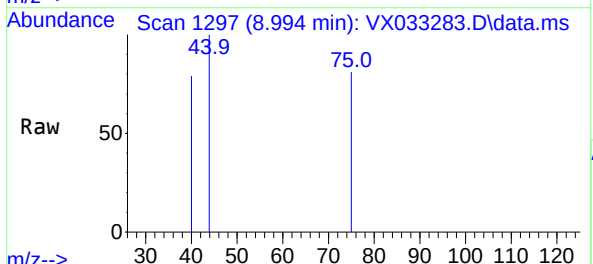
Acq: 07 Dec 2022 15:53

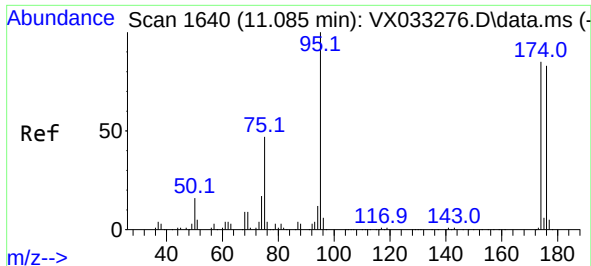
Tgt Ion: 75 Resp: 77

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

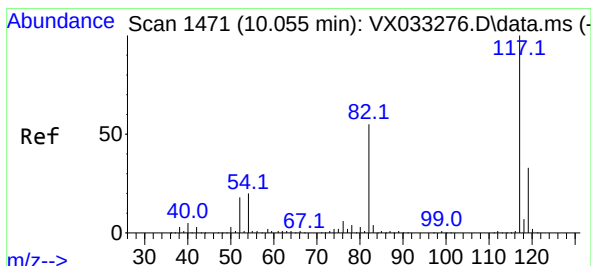
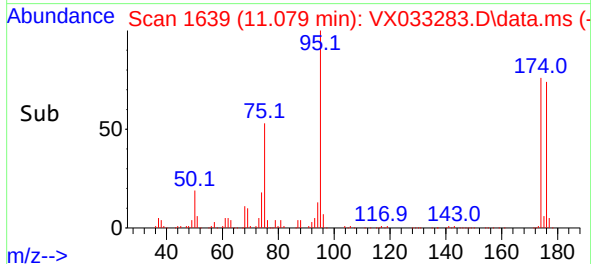
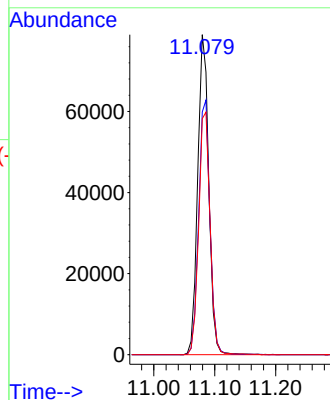
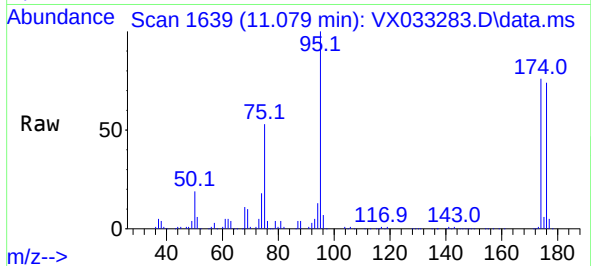




#62
4-Bromofluorobenzene
Concen: 56.291 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

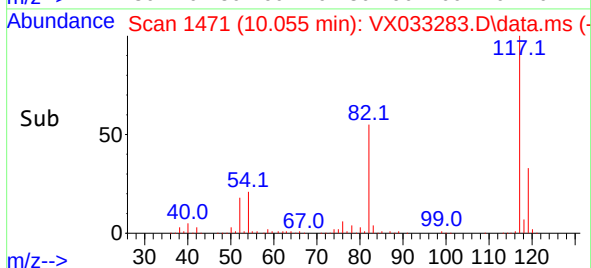
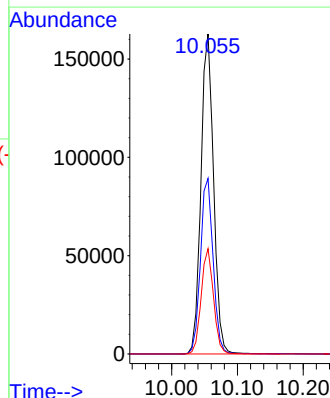
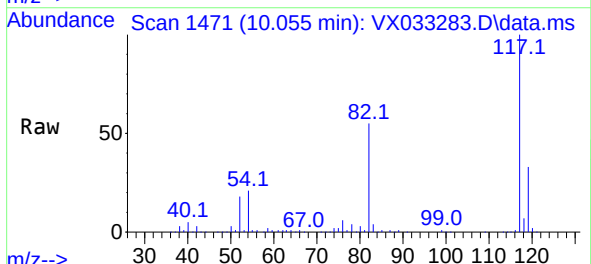
Instrument :
MSVOA_X
ClientSampleId :
VX1207MBL01

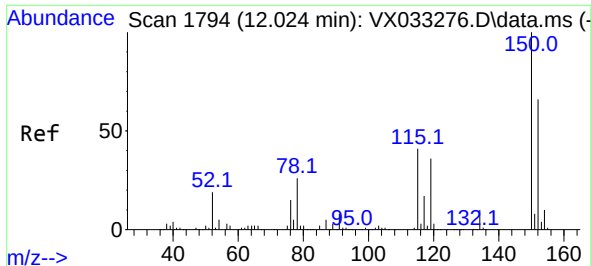
Tgt Ion: 95 Resp: 99371
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.0
176 78.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

Tgt Ion: 117 Resp: 217052
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 32.9 25.7 38.5

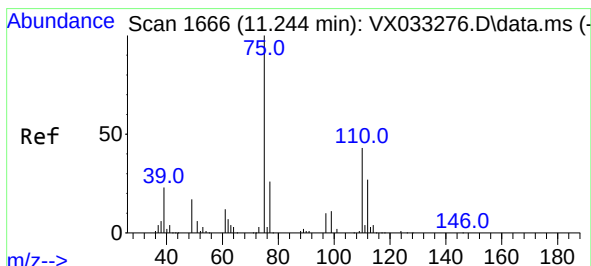
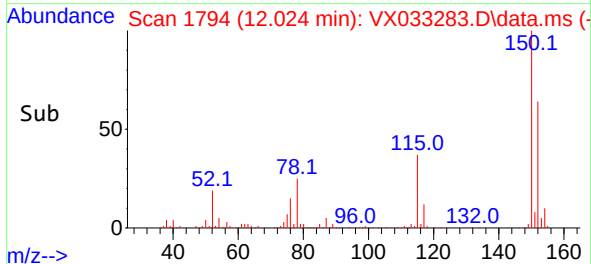
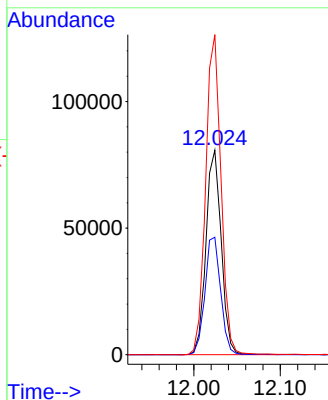
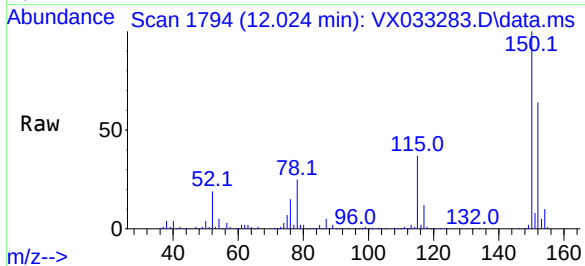




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

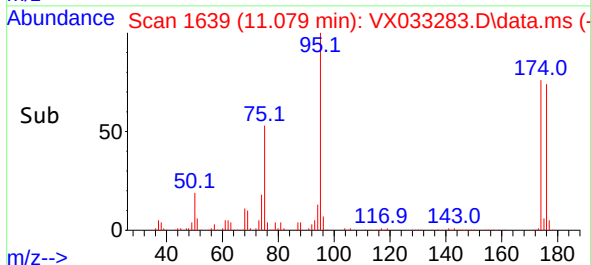
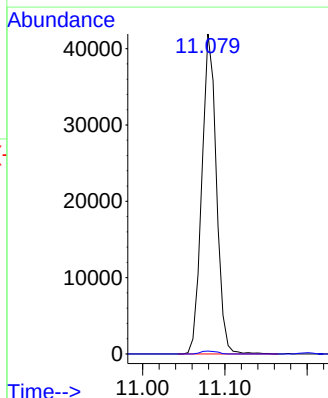
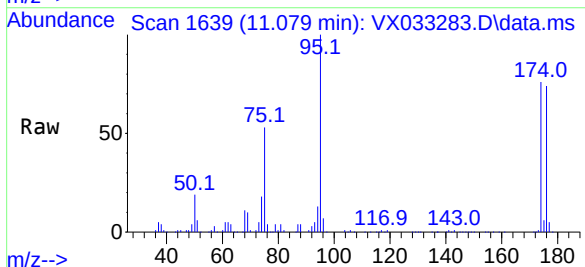
Instrument :
MSVOA_X
ClientSampleId :
VX1207MBL01

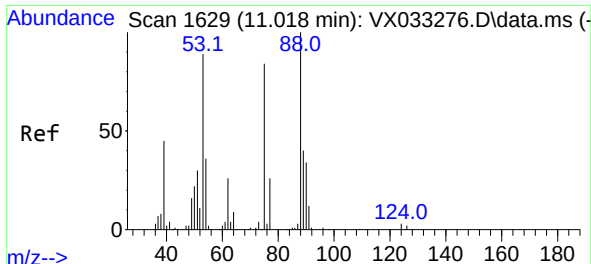
Tgt Ion:152 Resp: 99155
Ion Ratio Lower Upper
152 100
115 59.2 44.0 132.0
150 156.7 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 25.635 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

Tgt Ion: 75 Resp: 51715
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#

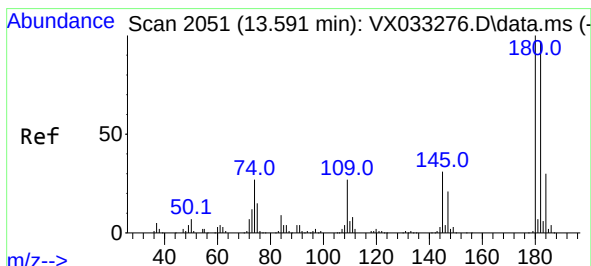
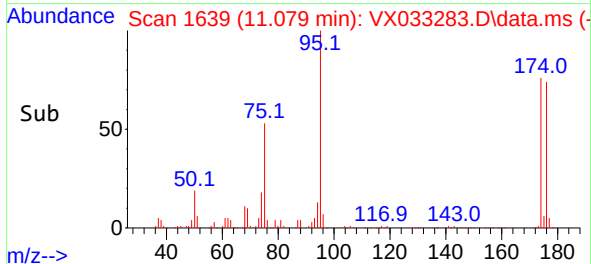
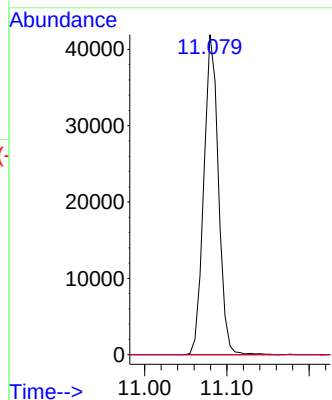
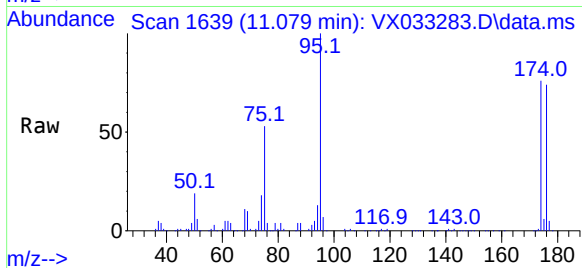




#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.744 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX033283.D
 Acq: 07 Dec 2022 15:53

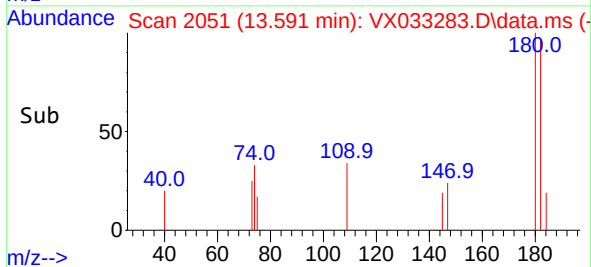
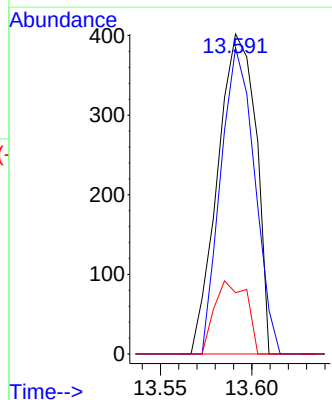
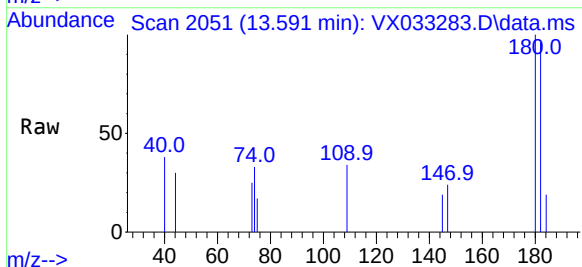
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBL01

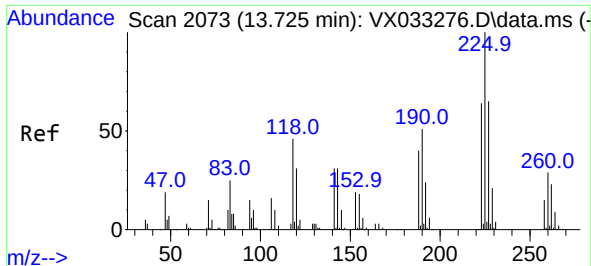
Tgt Ion: 75 Resp: 51715
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.296 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX033283.D
 Acq: 07 Dec 2022 15:53

Tgt Ion:180 Resp: 587
 Ion Ratio Lower Upper
 180 100
 182 84.7 48.4 145.0
 145 19.1 16.2 48.5

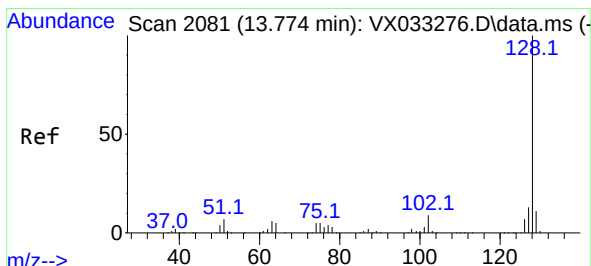
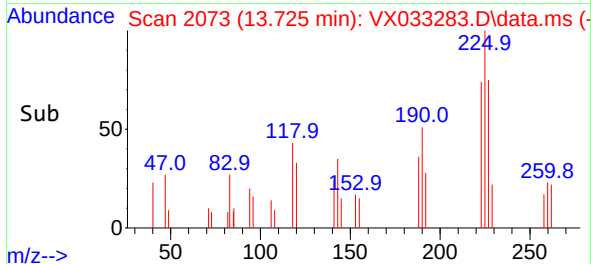
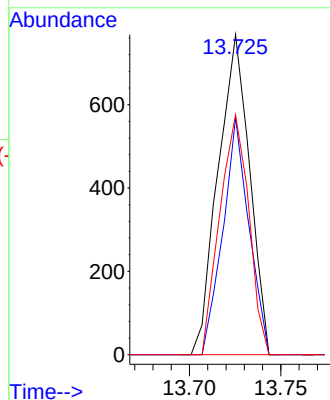
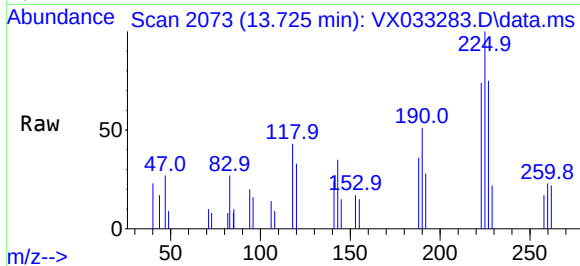




#94
Hexachlorobutadiene
Concen: 1.159 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

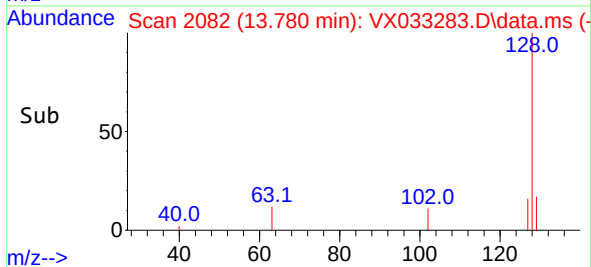
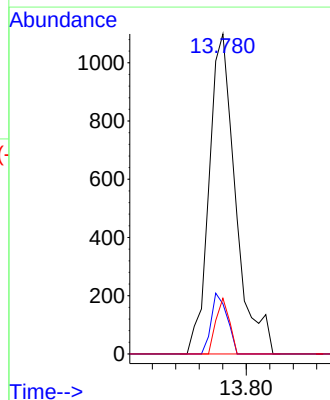
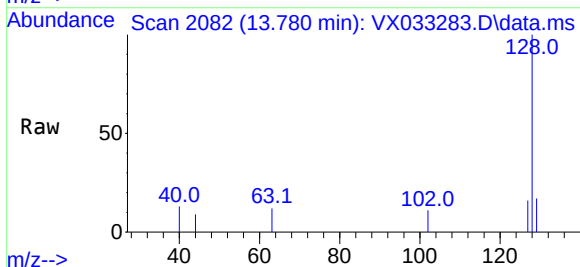
Instrument :
MSVOA_X
ClientSampleId :
VX1207MBL01

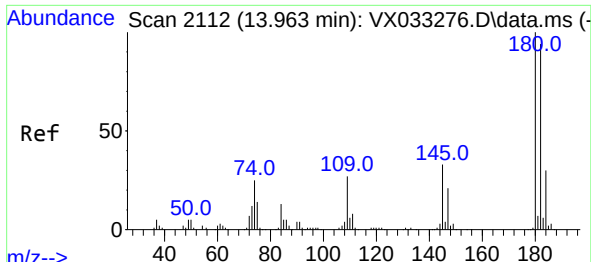
Tgt Ion:	225	Resp:	921
Ion	Ratio	Lower	Upper
225	100		
223	61.2	31.9	95.9
227	68.9	31.9	95.5



#95
Naphthalene
Concen: 0.261 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.007 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

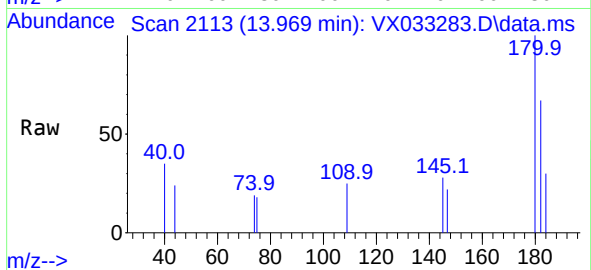
Tgt Ion:	128	Resp:	1725
Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.2	15.4
129	8.8	8.9	13.3





#96
1,2,3-Trichlorobenzene
Concen: 0.276 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.007 min
Lab File: VX033283.D
Acq: 07 Dec 2022 15:53

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBL01



Tgt Ion:	180	Resp:	554
Ion	Ratio	Lower	Upper
180	100		
182	84.7	47.5	142.6
145	21.1	16.9	50.6

