

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033318.D
 Acq On : 08 Dec 2022 13:09
 Operator : JC/MD
 Sample : N5906-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3RRDL

Quant Time: Dec 09 00:46:07 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)

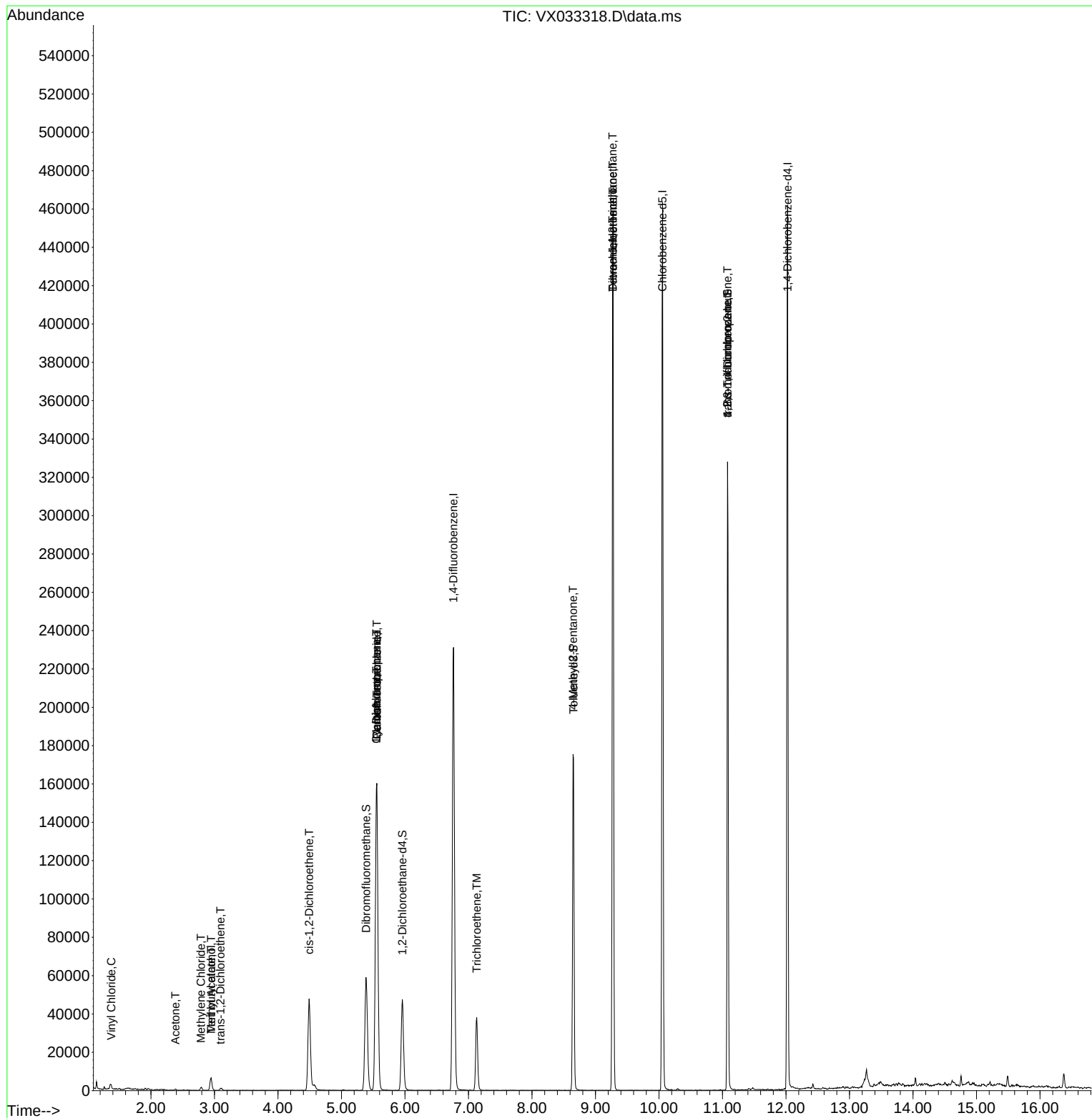
Internal Standards						
1) Pentafluorobenzene	5.556	168	154813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48080	48.410	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.820%		
35) Dibromofluoromethane	5.385	113	51290	47.175	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.360%		
50) Toluene-d8	8.653	98	112340	49.393	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.780%		
62) 4-Bromofluorobenzene	11.079	95	85610	49.228	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.460%		
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	657	0.460	ug/l #	78
11) Tert butyl alcohol	2.947	59	3991	13.144	ug/l #	72
16) Acetone	2.386	43	691	0.940	ug/l #	71
18) Methyl Acetate	2.947	43	631	0.297	ug/l #	51
20) Methylene Chloride	2.788	84	838	0.511	ug/l #	71
21) trans-1,2-Dichloroethene	3.093	96	389	0.253	ug/l	82
27) cis-1,2-Dichloroethene	4.489	96	31014	16.903	ug/l	89
31) Cyclohexane	5.550	56	3004	1.273	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	11402	5.379	ug/l #	50
38) Carbon Tetrachloride	5.556	117	16122	6.788	ug/l #	16
44) Trichloroethene	7.129	130	15304	8.981	ug/l	100
51) 4-Methyl-2-Pentanone	8.647	43	550	0.270	ug/l #	1
55) 1,1,2-Trichloroethane	9.269	97	784	0.467	ug/l #	41
60) Dibromochloromethane	9.275	129	82497	44.576	ug/l #	11
64) Tetrachloroethene	9.275	164	85607	58.353	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	43956	21.616	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43956	67.241	ug/l #	6

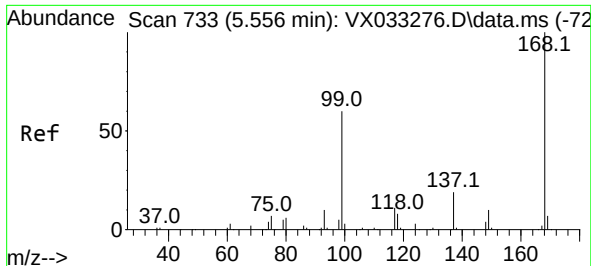
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 09 00:46:07 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

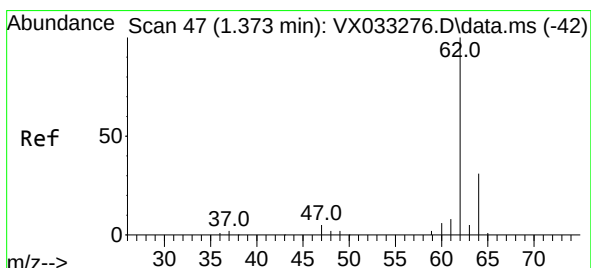
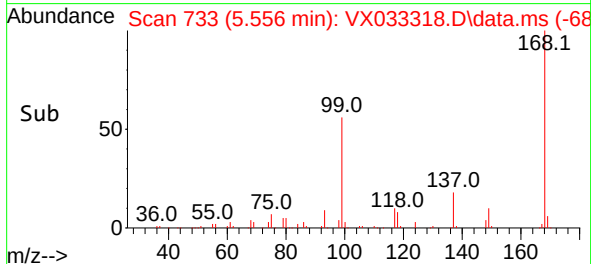
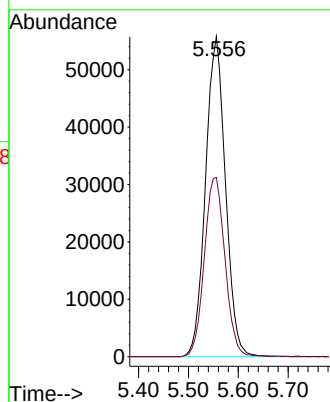
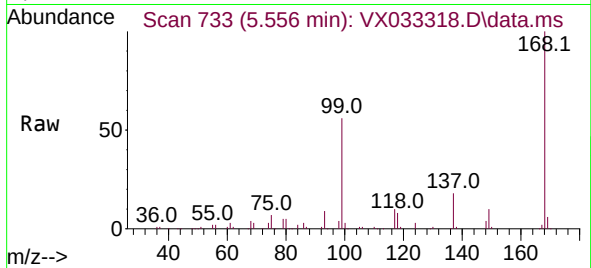




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

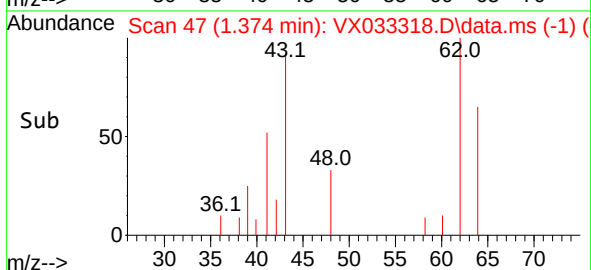
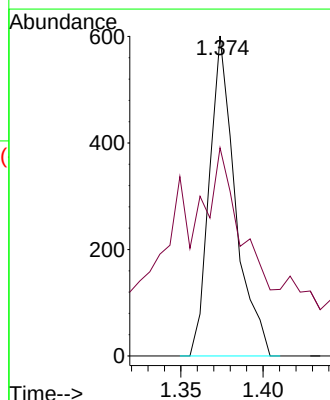
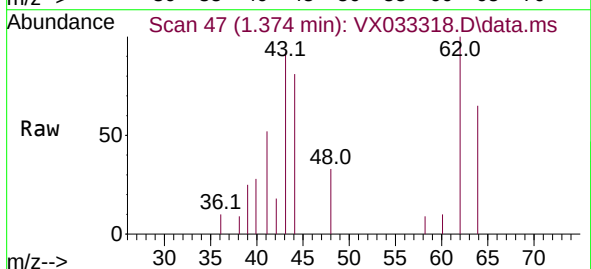
Instrument :
MSVOA_X
ClientSampleId :
MW-3RRDL

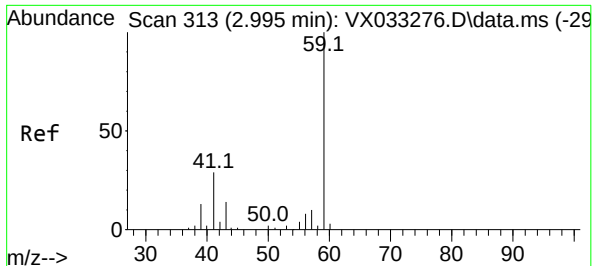
Tgt Ion:168 Resp: 154813
Ion Ratio Lower Upper
168 100
99 56.0 46.1 69.1



#4
Vinyl Chloride
Concen: 0.460 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

Tgt Ion: 62 Resp: 657
Ion Ratio Lower Upper
62 100
64 44.3 25.8 38.6#





#11

Tert butyl alcohol

Concen: 13.144 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.048 min

Lab File: VX033318.D

Acq: 08 Dec 2022 13:09

Instrument :

MSVOA_X

ClientSampleId :

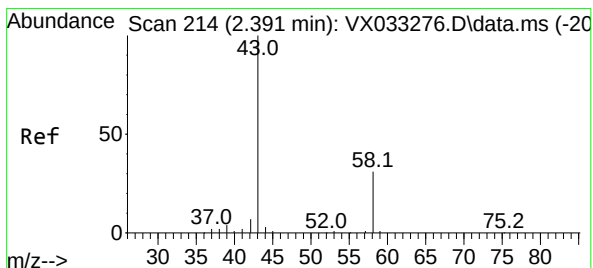
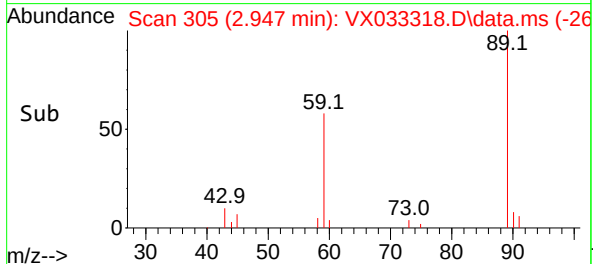
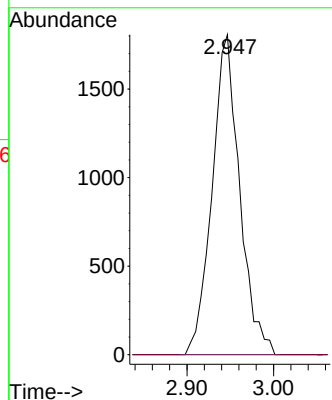
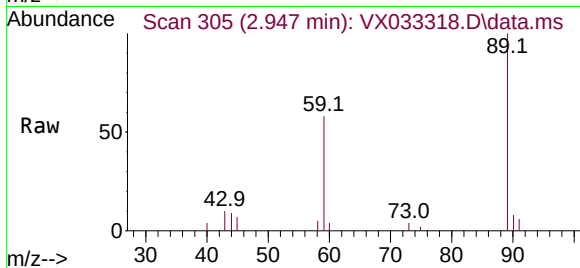
MW-3RRDL

Tgt Ion: 59 Resp: 3991

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.940 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX033318.D

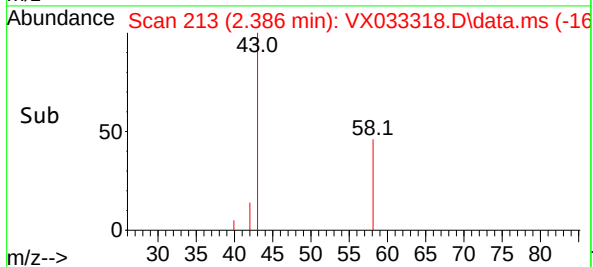
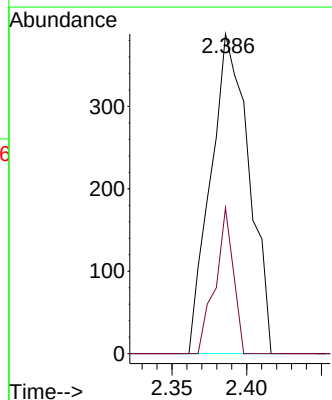
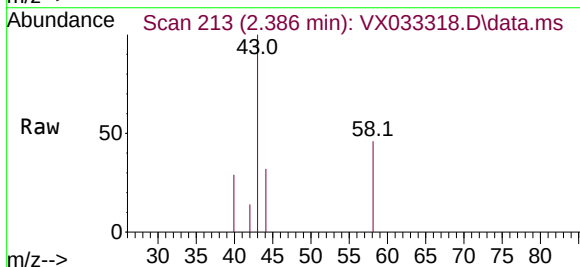
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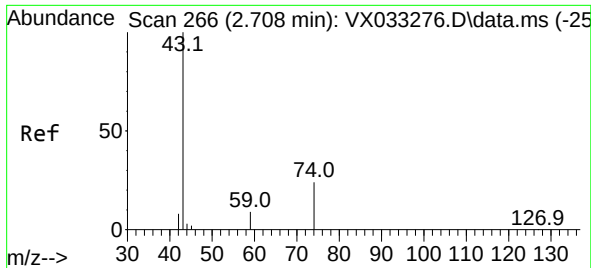
Tgt Ion: 43 Resp: 691

Ion Ratio Lower Upper

43 100

58 45.6 23.8 35.8#

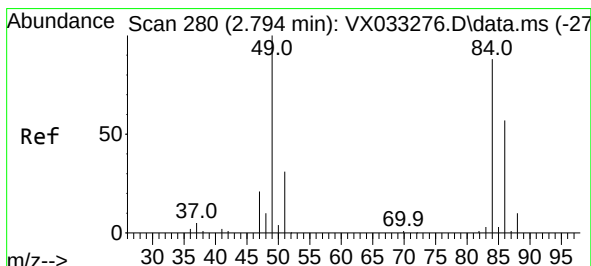
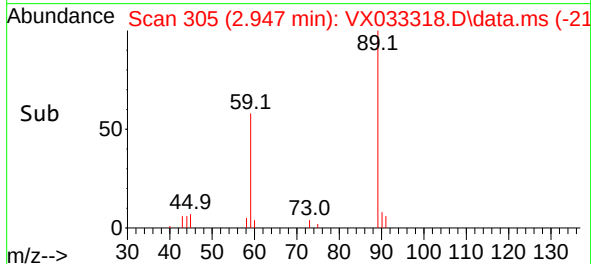
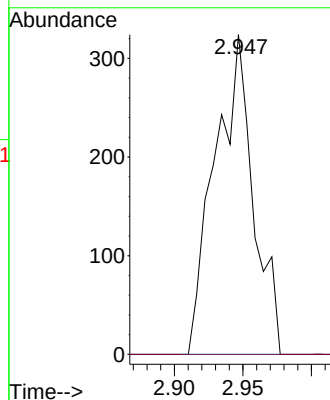
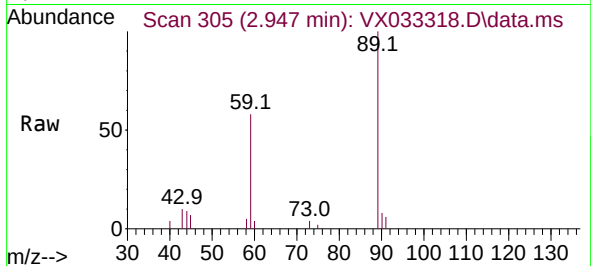




#18
Methyl Acetate
Concen: 0.297 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.238 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

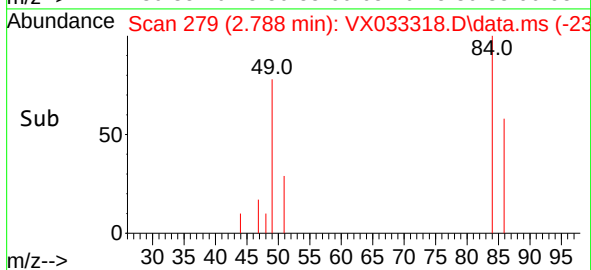
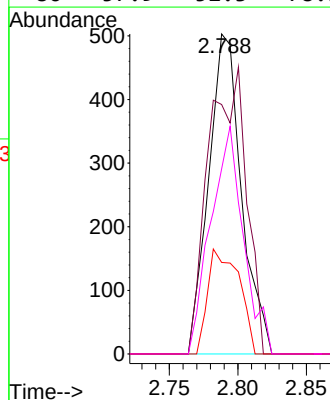
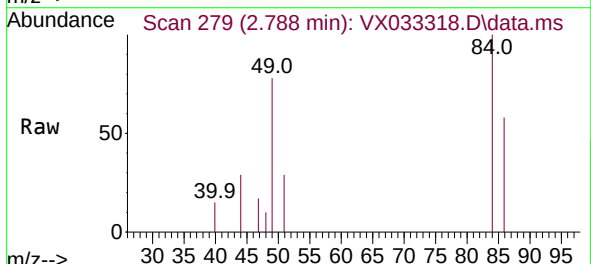
Instrument :
MSVOA_X
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MW-3RRDL

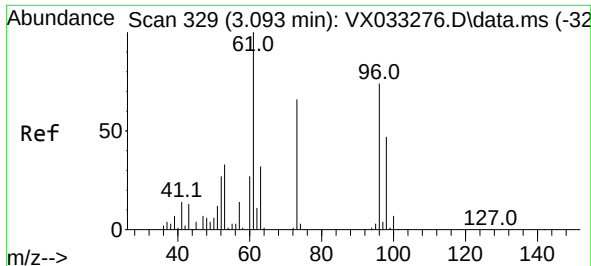
Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



#20
Methylene Chloride
Concen: 0.511 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

Tgt Ion: 84 Resp: 838
Ion Ratio Lower Upper
84 100
49 77.9 101.0 151.6#
51 28.6 31.1 46.7#
86 57.9 52.3 78.5

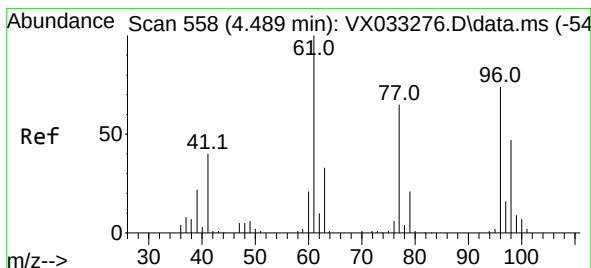
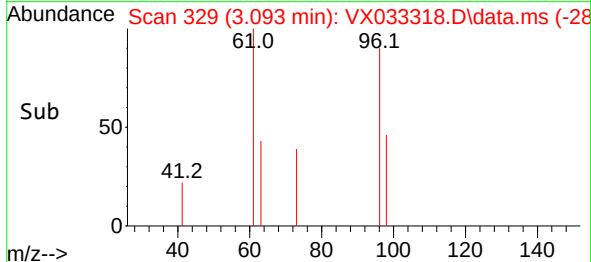
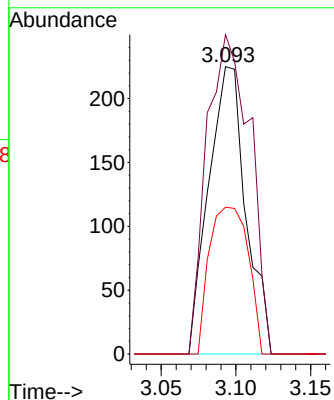
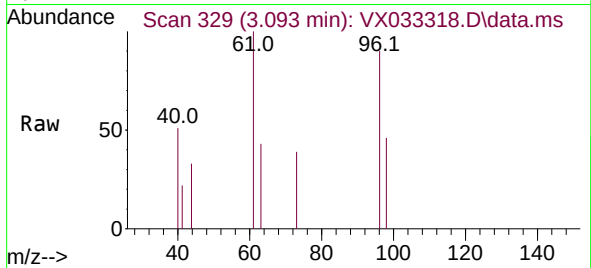




#21
trans-1,2-Dichloroethene
Concen: 0.253 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

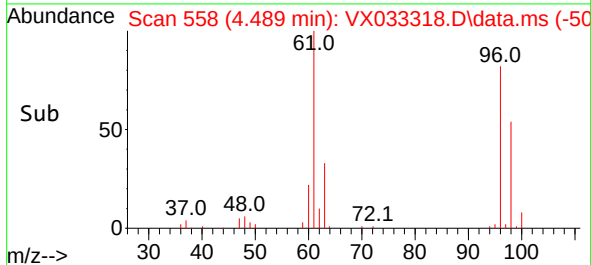
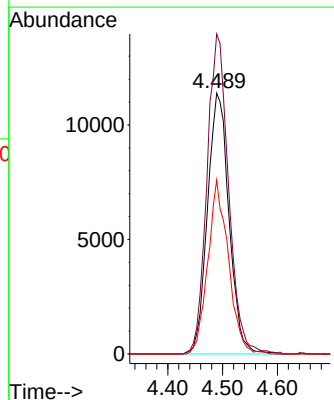
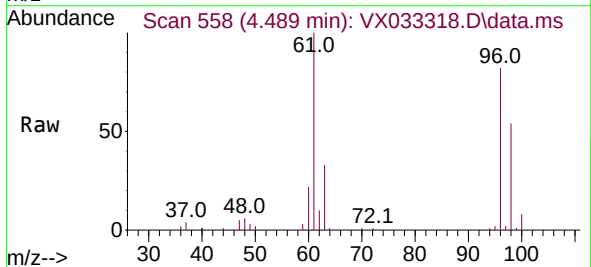
Instrument :
MSVOA_X
ClientSampleId :
MW-3RRDL

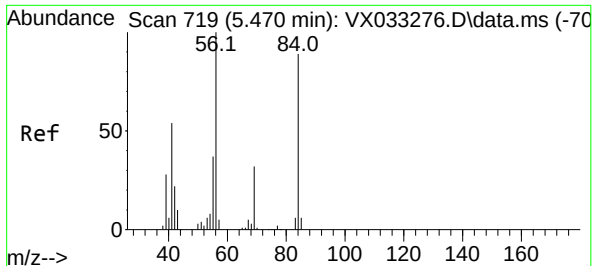
Tgt Ion: 96 Resp: 389
Ion Ratio Lower Upper
96 100
61 111.1 106.6 160.0
98 51.1 51.0 76.6



#27
cis-1,2-Dichloroethene
Concen: 16.903 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

Tgt Ion: 96 Resp: 31014
Ion Ratio Lower Upper
96 100
61 123.2 0.0 286.0
98 63.7 0.0 129.6

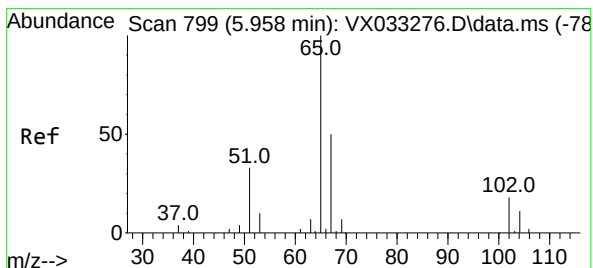
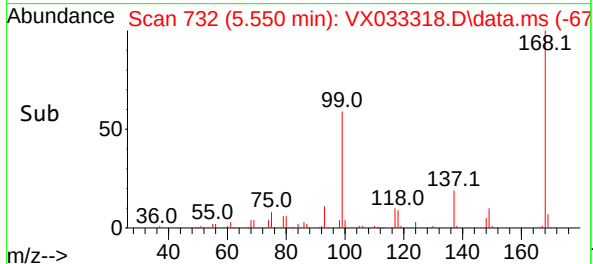
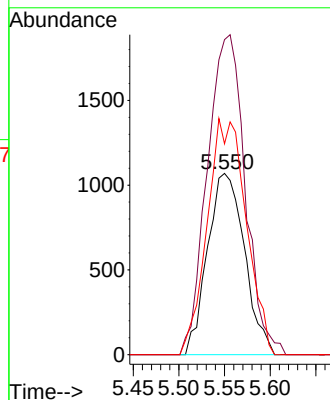
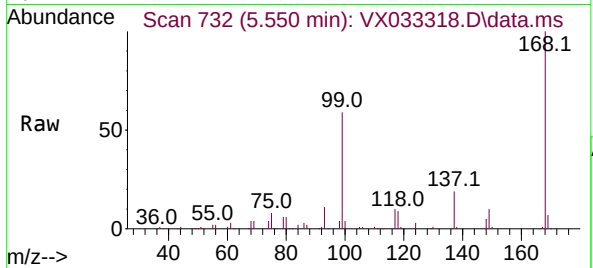




#31
Cyclohexane
Concen: 1.273 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

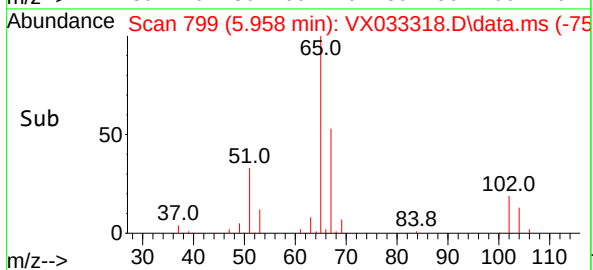
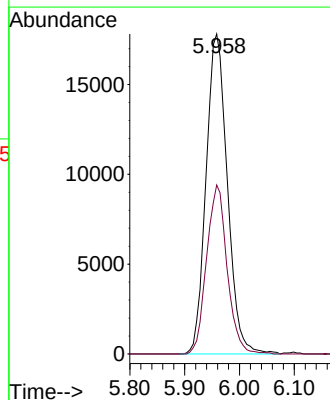
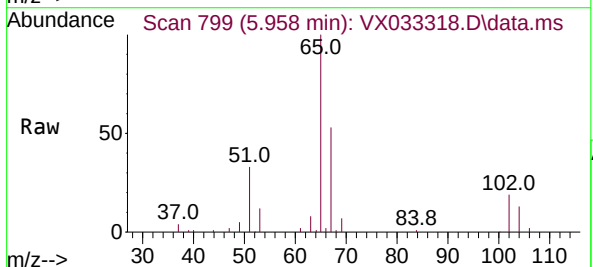
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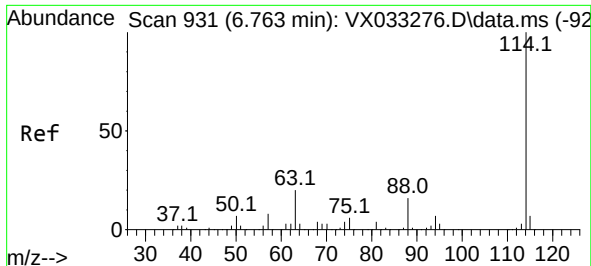
Tgt Ion: 56 Resp: 3004
Ion Ratio Lower Upper
56 100
69 173.9 24.1 36.1#
84 116.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.410 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

Tgt Ion: 65 Resp: 48080
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8

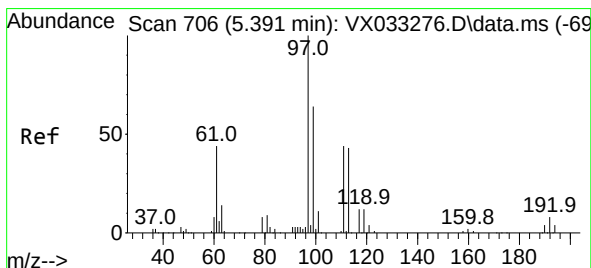
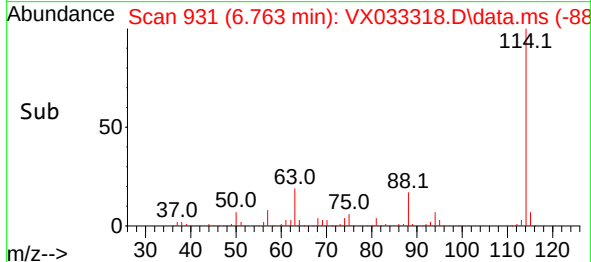
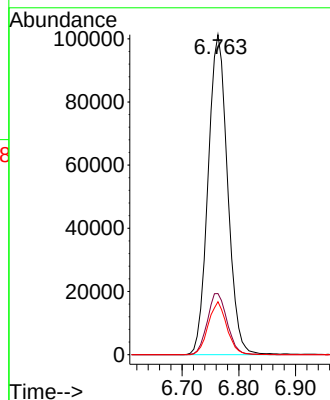
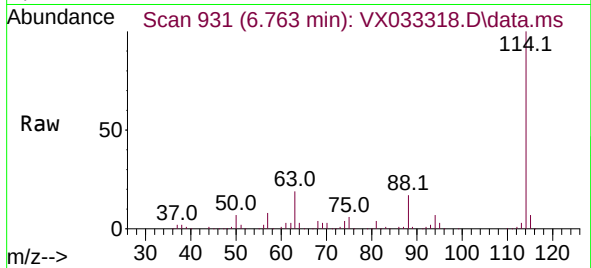




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

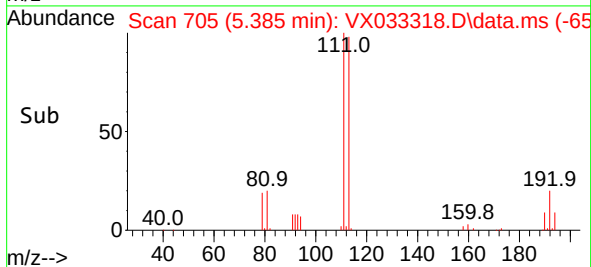
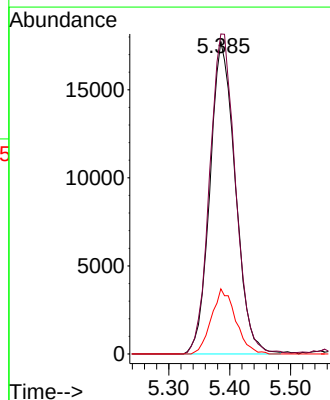
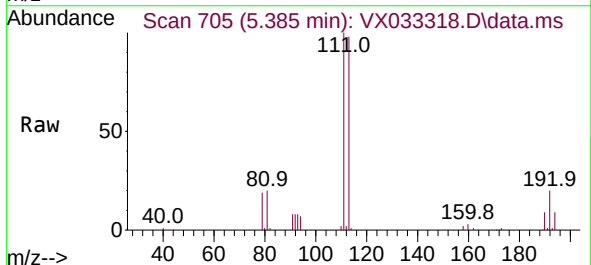
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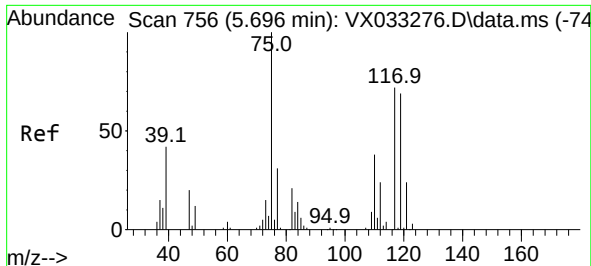
Tgt Ion:114 Resp: 241724
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.6
88 16.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.175 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

Tgt Ion:113 Resp: 51290
Ion Ratio Lower Upper
113 100
111 104.4 82.4 123.6
192 19.9 15.4 23.2

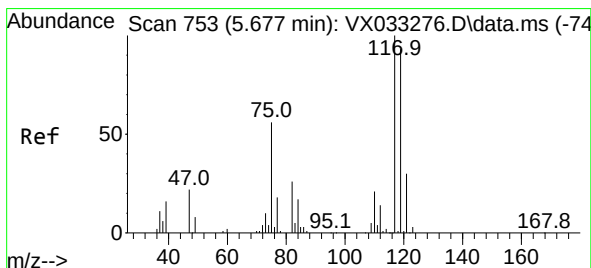
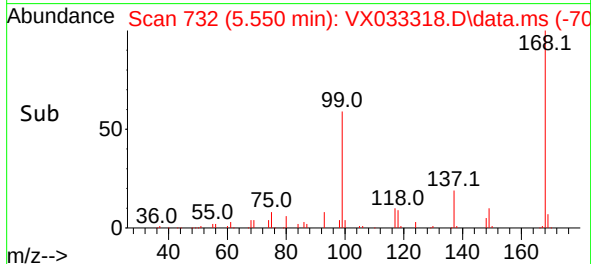
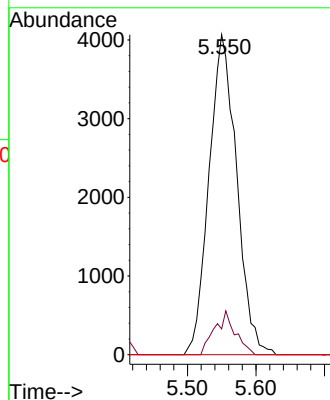
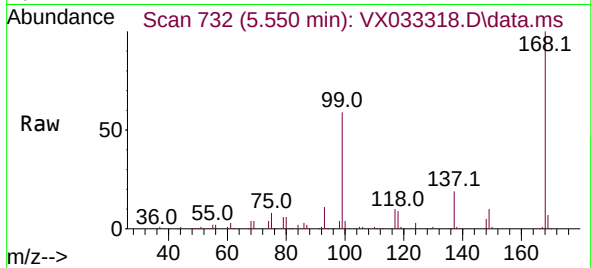




#36
1,1-Dichloropropene
Concen: 5.379 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

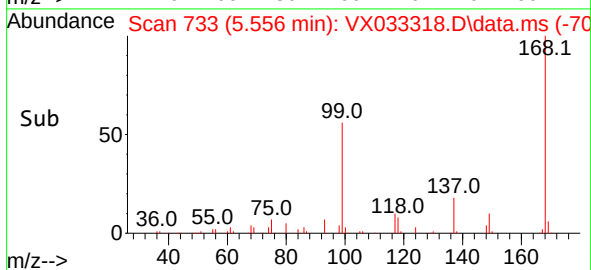
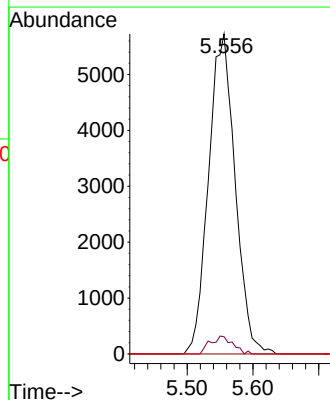
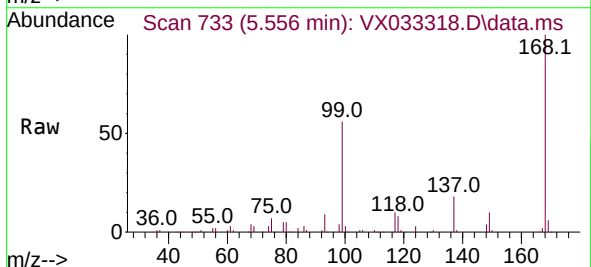
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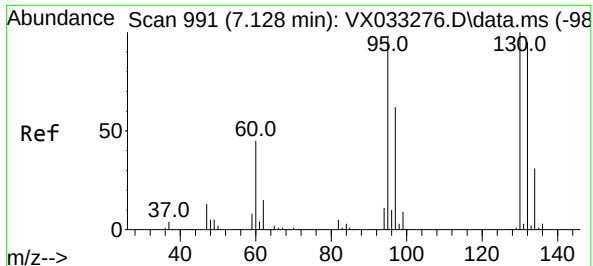
Tgt Ion: 75 Resp: 11402
Ion Ratio Lower Upper
75 100
110 10.2 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.788 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

Tgt Ion: 117 Resp: 16122
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 25.8 38.6#

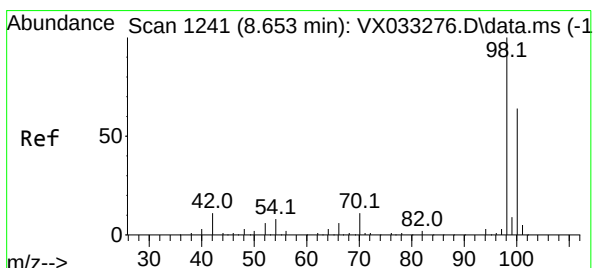
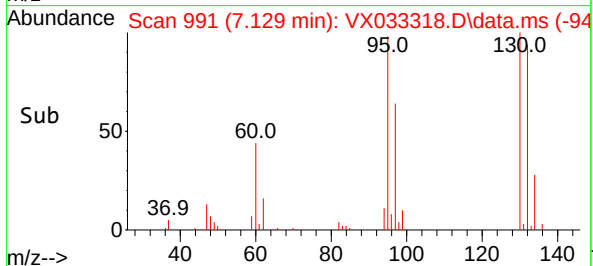
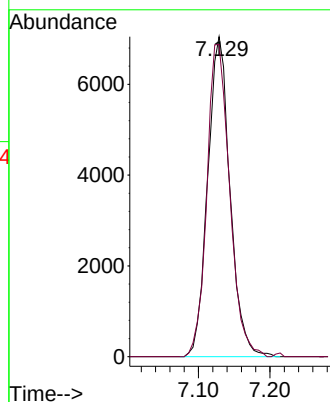
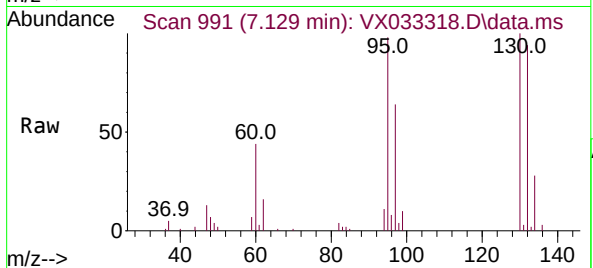




#44
Trichloroethene
Concen: 8.981 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

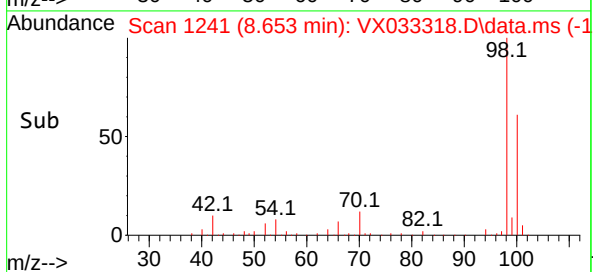
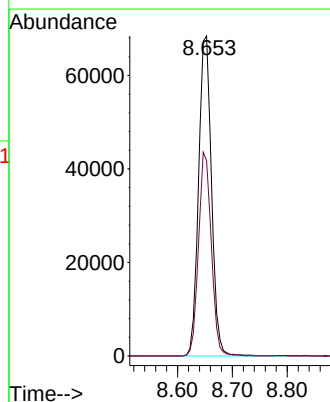
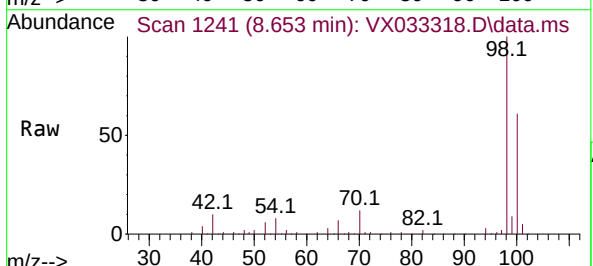
Instrument :
MSVOA_X
ClientSampleId :
MW-3RRDL

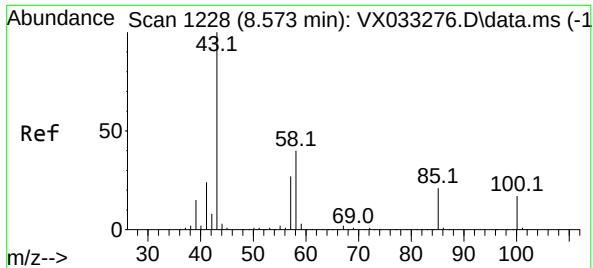
Tgt Ion:130 Resp: 15304
Ion Ratio Lower Upper
130 100
95 97.6 0.0 195.2



#50
Toluene-d8
Concen: 49.393 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

Tgt Ion: 98 Resp: 112340
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

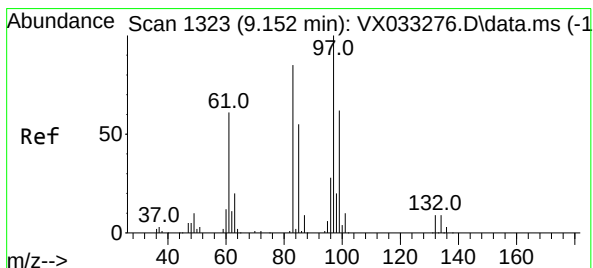
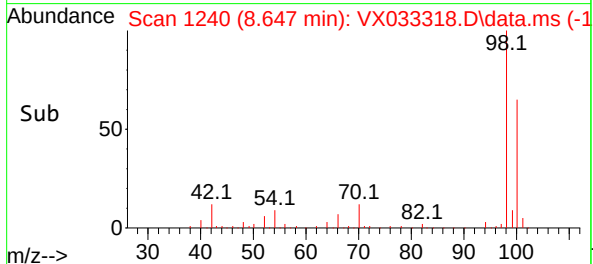
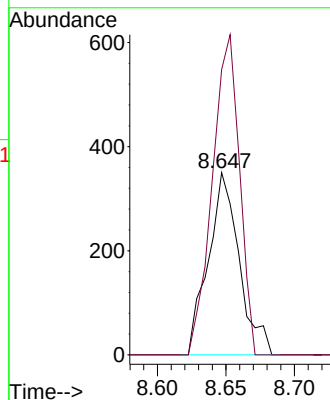
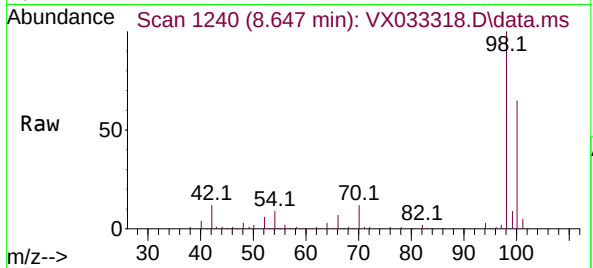




#51
4-Methyl-2-Pentanone
Concen: 0.270 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

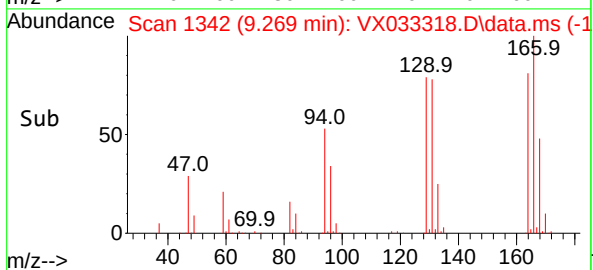
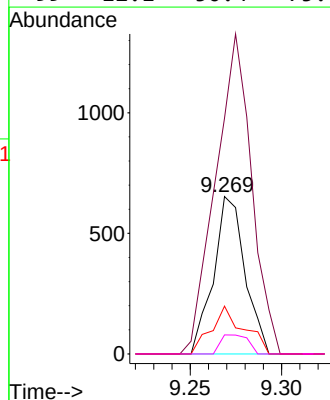
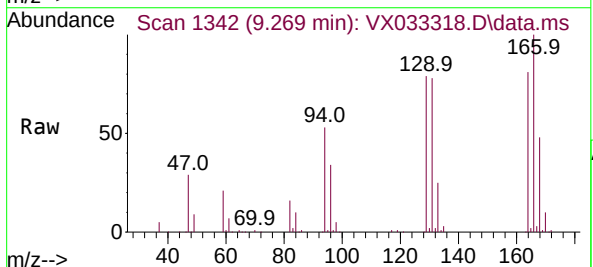
Instrument :
MSVOA_X
ClientSampleId :
MW-3RRDL

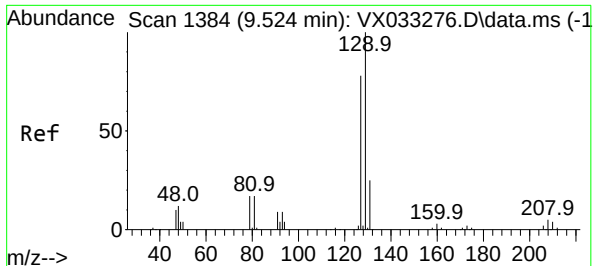
Tgt Ion: 43 Resp: 550
Ion Ratio Lower Upper
43 100
58 154.2 30.9 46.3#



#55
1,1,2-Trichloroethane
Concen: 0.467 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.116 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

Tgt Ion: 97 Resp: 784
Ion Ratio Lower Upper
97 100
83 149.8 68.1 102.1#
85 30.3 43.3 64.9#
99 12.1 50.4 75.6#

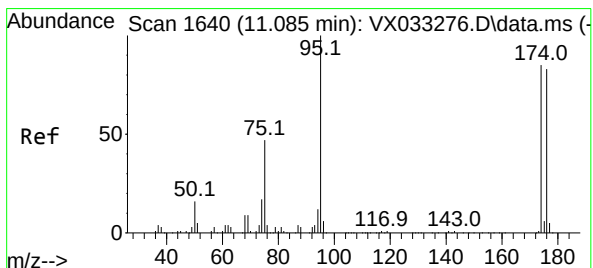
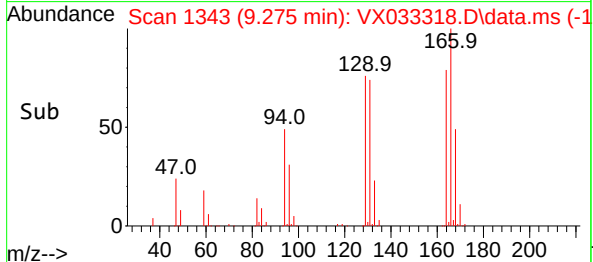
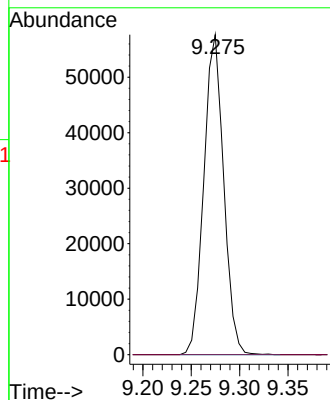
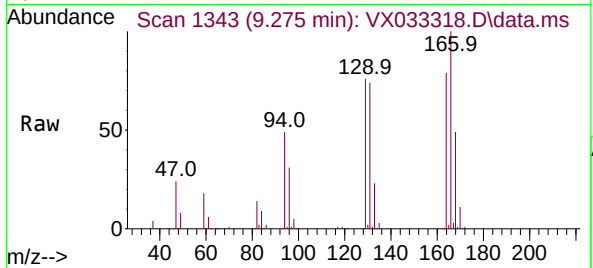




#60
Dibromochloromethane
Concen: 44.576 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

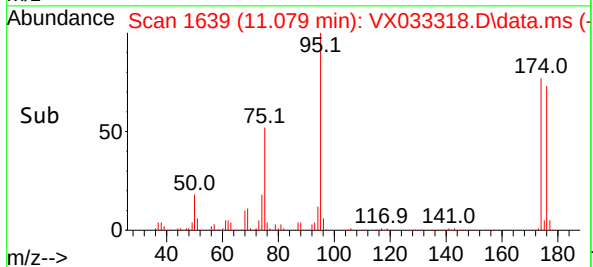
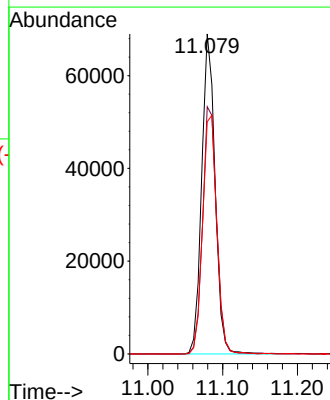
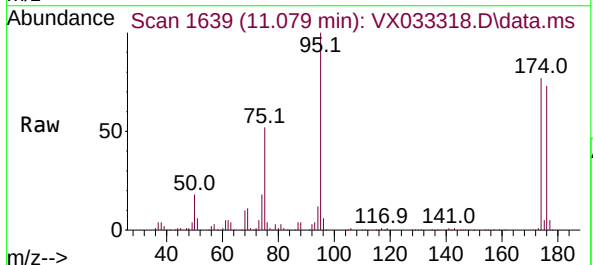
Instrument :
MSVOA_X
ClientSampleId :
MW-3RRDL

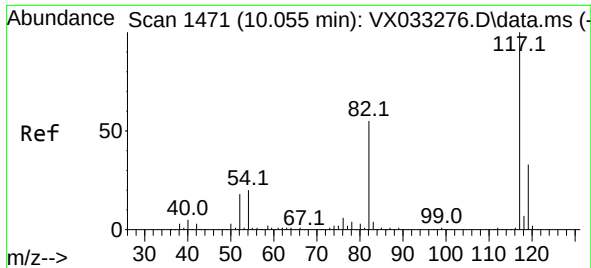
Tgt Ion:129 Resp: 82497
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 49.228 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

Tgt Ion: 95 Resp: 85610
Ion Ratio Lower Upper
95 100
174 80.9 0.0 164.0
176 79.1 0.0 154.4

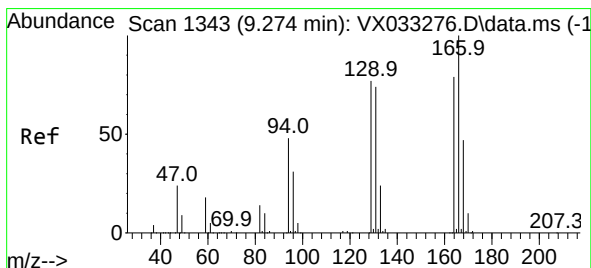
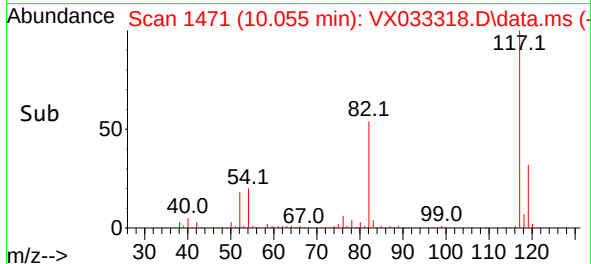
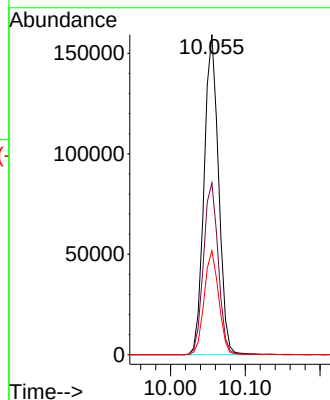
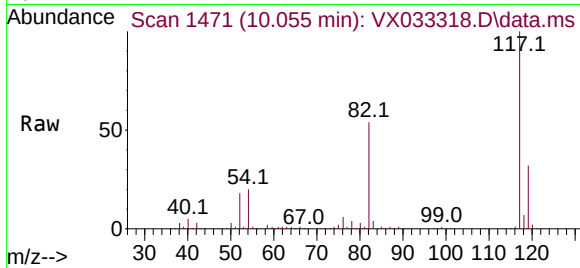




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

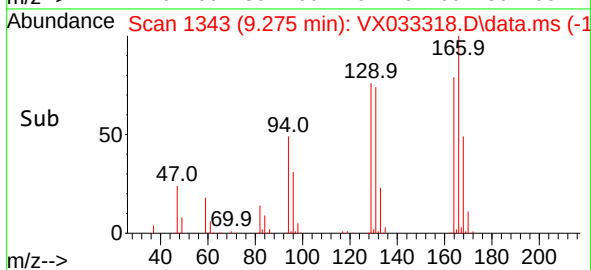
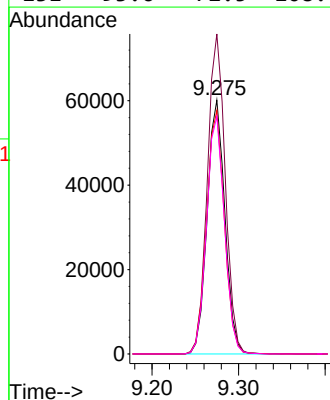
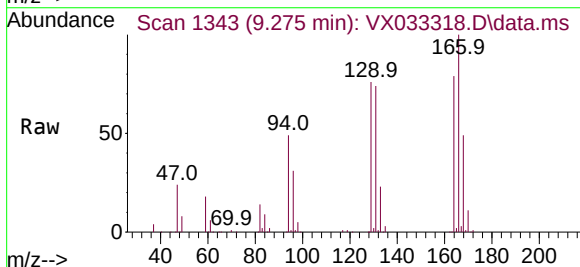
Instrument :
MSVOA_X
ClientSampleId :
MW-3RRDL

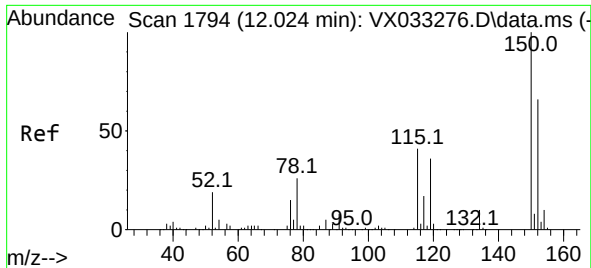
Tgt Ion:117 Resp: 214547
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 58.353 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033318.D
Acq: 08 Dec 2022 13:09

Tgt Ion:164 Resp: 85607
Ion Ratio Lower Upper
164 100
166 126.1 105.4 158.2
129 95.9 78.2 117.2
131 93.6 72.5 108.7

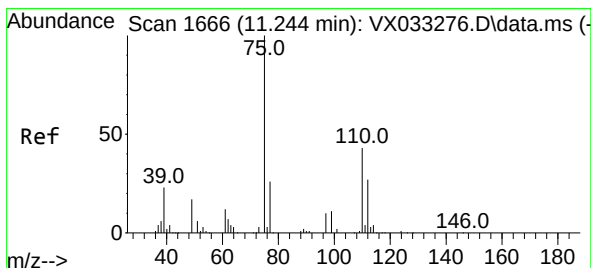
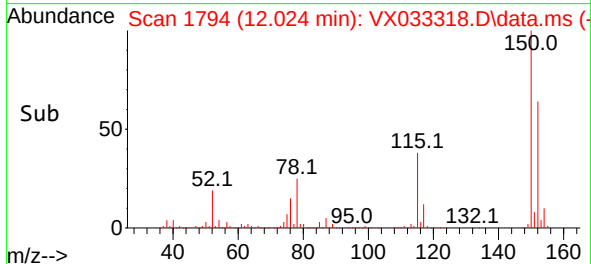
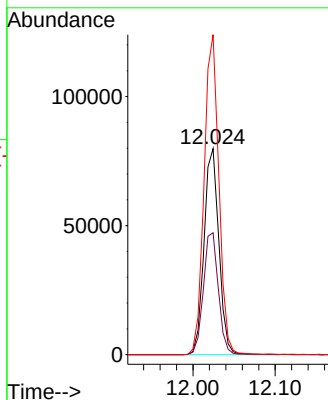
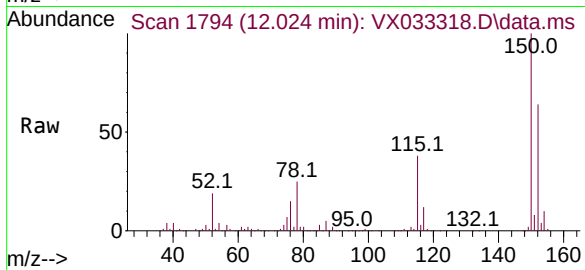




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033318.D
 Acq: 08 Dec 2022 13:09

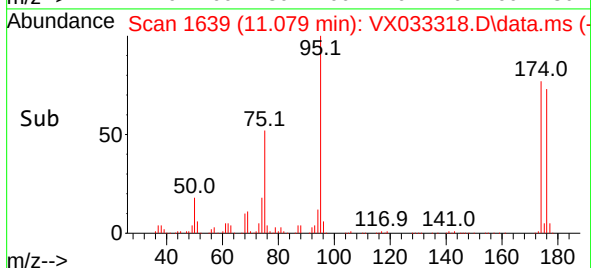
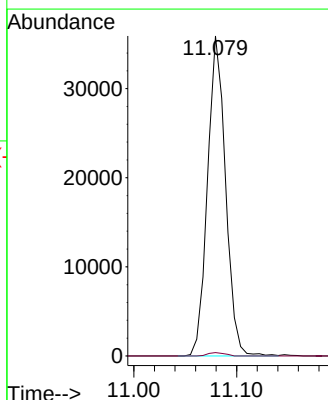
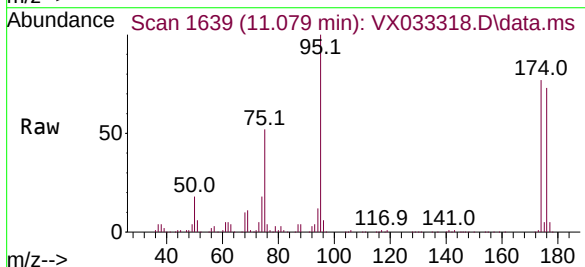
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3RRDL

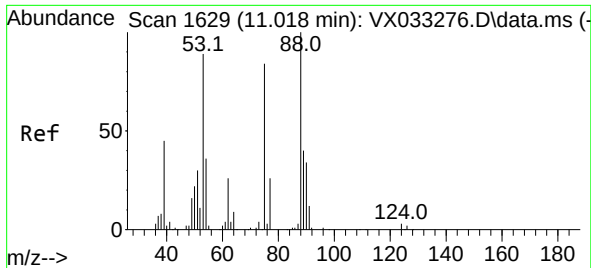
Tgt Ion:152 Resp: 99949
 Ion Ratio Lower Upper
 152 100
 115 59.9 44.0 132.0
 150 154.5 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 21.616 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033318.D
 Acq: 08 Dec 2022 13:09

Tgt Ion: 75 Resp: 43956
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.241 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033318.D
 Acq: 08 Dec 2022 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3RRDL

Tgt Ion: 75 Resp: 43956
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

