

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027601.D
 Acq On : 21 Mar 2022 21:09
 Operator : JC/MD
 Sample : N2000-11DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-134D3-20220315DL

Quant Time: Mar 22 05:51:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

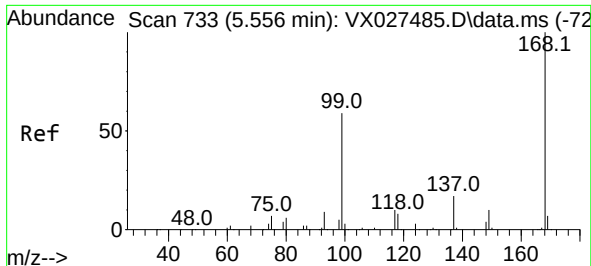
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	321005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	529989	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	475885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163524	41.352	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	82.700%		
35) Dibromofluoromethane	5.391	113	166869	48.937	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.880%		
50) Toluene-d8	8.653	98	611445	47.387	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.780%		
62) 4-Bromofluorobenzene	11.085	95	213861	45.093	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.180%		
Target Compounds						
5) Bromomethane	1.611	94	432	Below Cal		98
9) 1,1,2-Trichlorotrifluo...	2.331	101	155036	49.904	ug/l	92
12) 1,1-Dichloroethene	2.325	96	936	0.314	ug/l #	80
16) Acetone	2.386	43	968	0.601	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	1468	0.398	ug/l	79
31) Cyclohexane	5.556	56	4642	0.945	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19734	4.235	ug/l #	50
38) Carbon Tetrachloride	5.550	117	30699	5.759	ug/l #	15
44) Trichloroethene	7.129	130	69338	17.086	ug/l	98
49) 1,4-Dioxane	7.671	88	215	2.263	ug/l #	66
51) 4-Methyl-2-Pentanone	8.647	43	1791	0.375	ug/l #	1
60) Dibromochloromethane	9.275	129	37118	9.244	ug/l #	9
64) Tetrachloroethene	9.275	164	39627	10.710	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	94700	20.881	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	94700	63.416	ug/l #	15

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

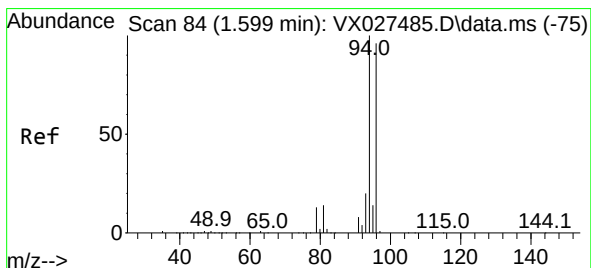
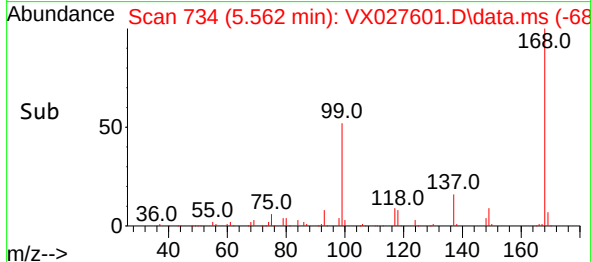
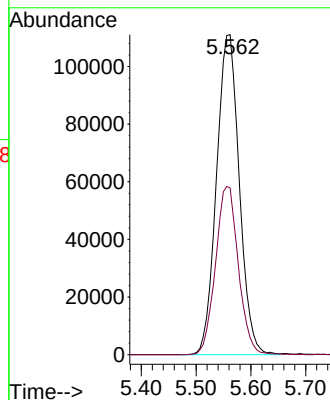
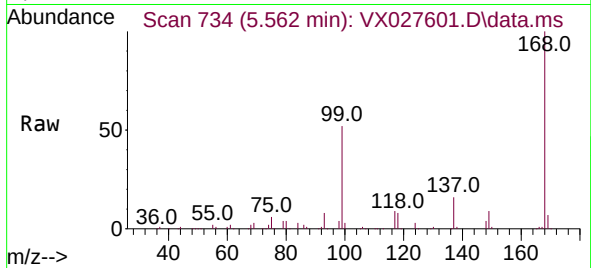




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

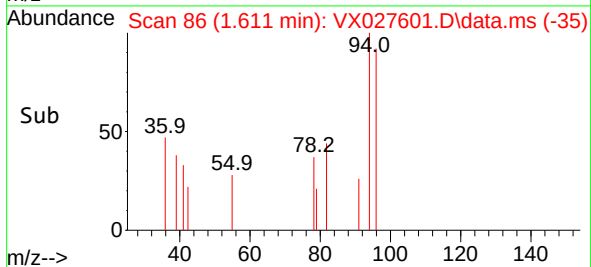
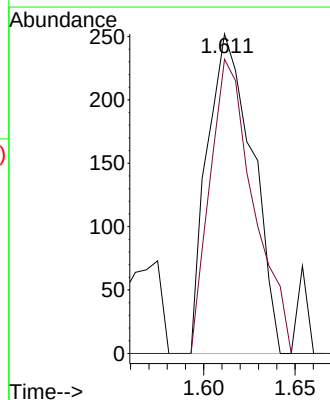
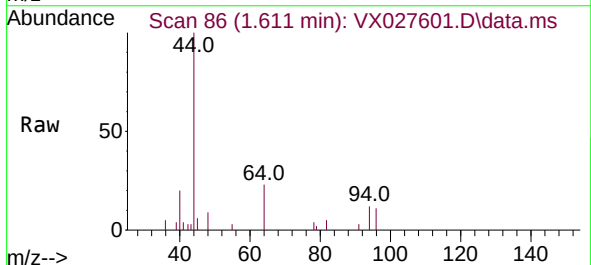
Instrument :
MSVOA_X
ClientSampleId :
RE-134D3-20220315DL

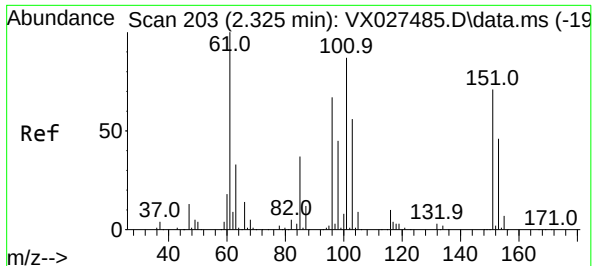
Tgt Ion:168 Resp: 321005
Ion Ratio Lower Upper
168 100
99 52.2 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

Tgt Ion: 94 Resp: 432
Ion Ratio Lower Upper
94 100
96 92.1 75.3 112.9

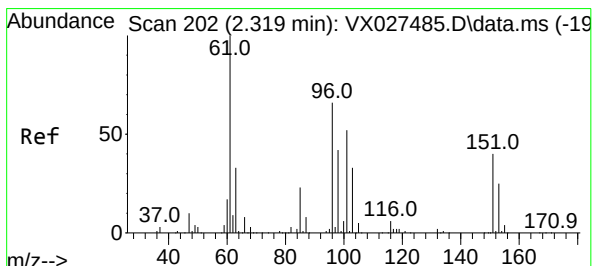
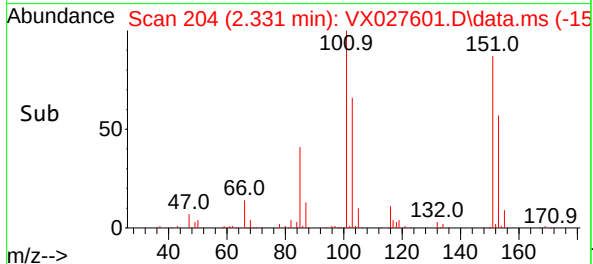
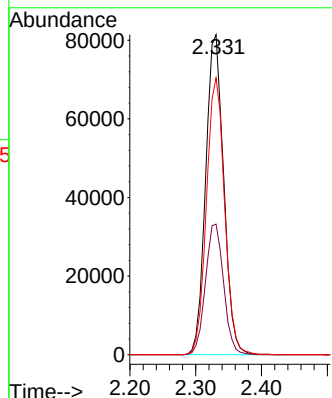
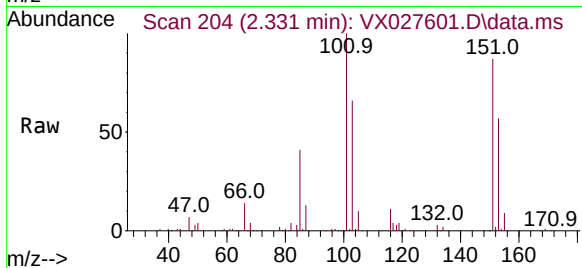




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.904 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

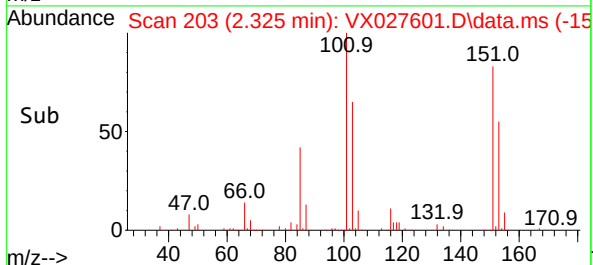
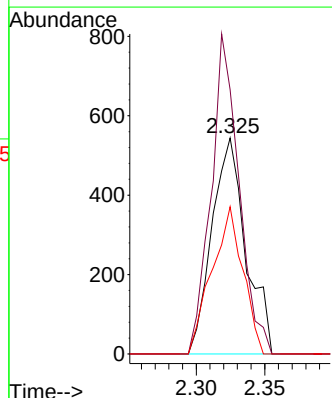
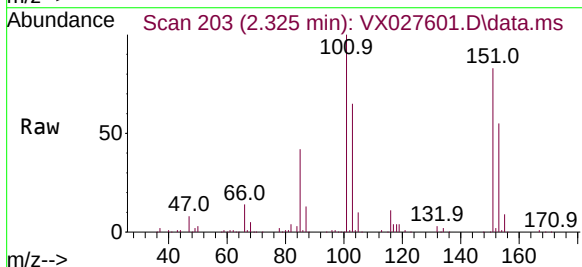
Instrument :
MSVOA_X
ClientSampleId :
RE-134D3-20220315DL

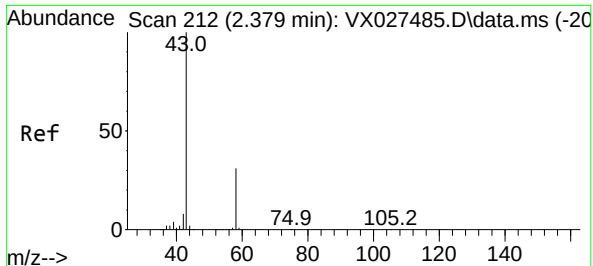
Tgt Ion:101 Resp: 155036
Ion Ratio Lower Upper
101 100
85 41.2 33.5 50.3
151 87.2 61.8 92.6



#12
1,1-Dichloroethene
Concen: 0.314 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

Tgt Ion: 96 Resp: 936
Ion Ratio Lower Upper
96 100
61 122.4 124.6 187.0#
98 68.2 51.0 76.4

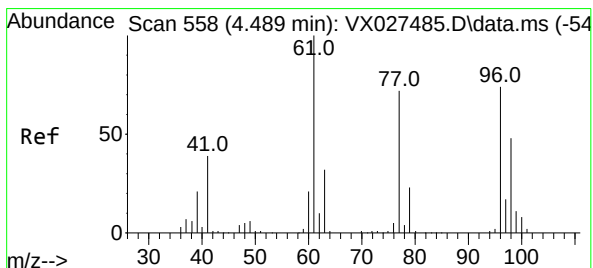
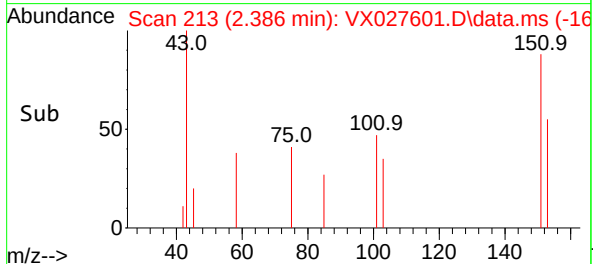
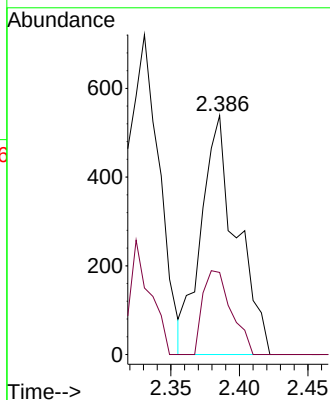
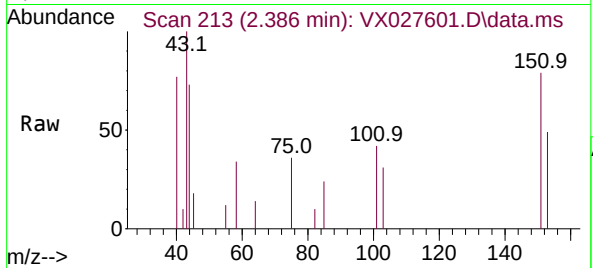




#16
Acetone
Concen: 0.601 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

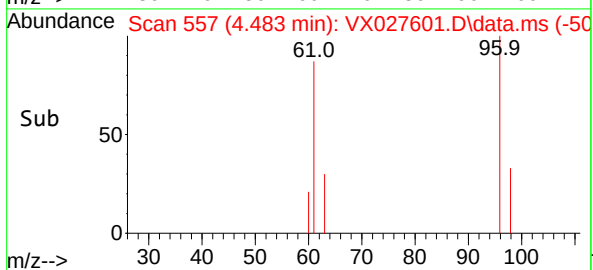
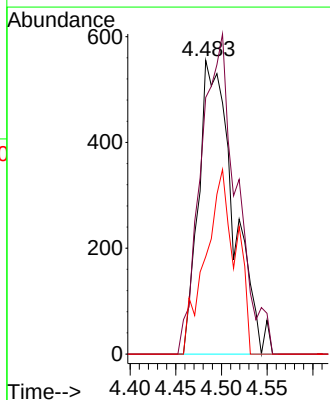
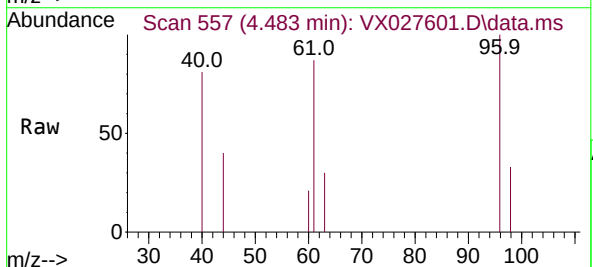
Instrument :
MSVOA_X
ClientSampleId :
RE-134D3-20220315DL

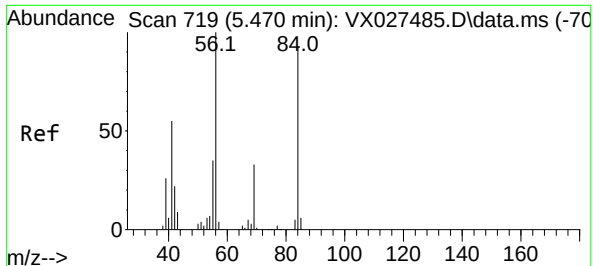
Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
58 34.3 28.8 43.2



#27
cis-1,2-Dichloroethene
Concen: 0.398 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

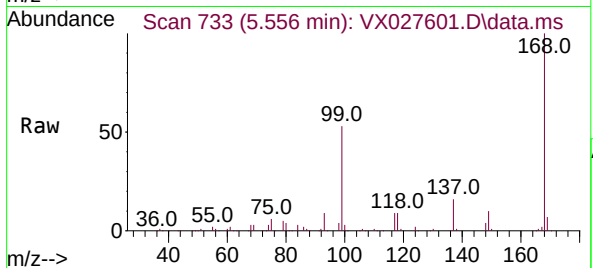
Tgt Ion: 96 Resp: 1468
Ion Ratio Lower Upper
96 100
61 111.8 0.0 283.8
98 54.8 0.0 129.8



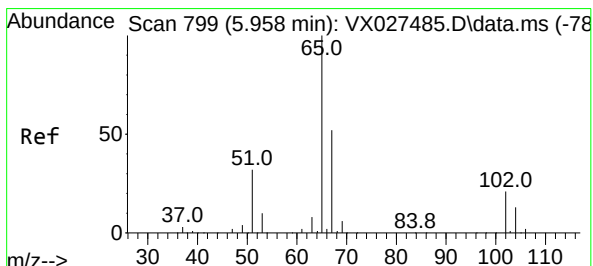
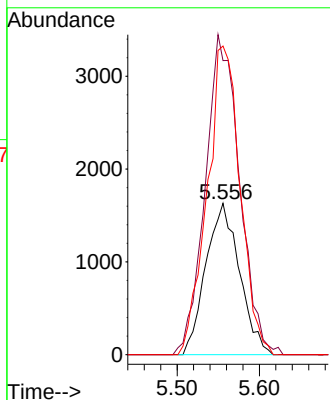
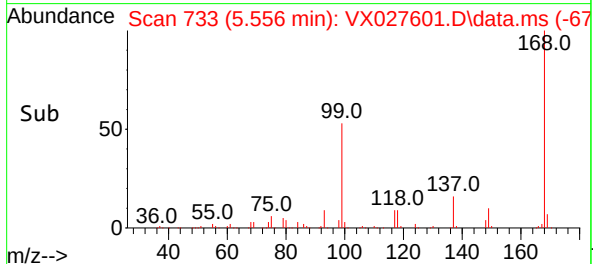


#31
Cyclohexane
Concen: 0.945 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

Instrument :
MSVOA_X
ClientSampleId :
RE-134D3-20220315DL

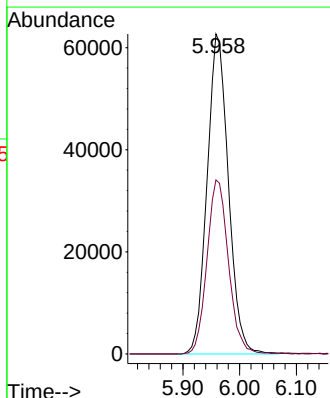
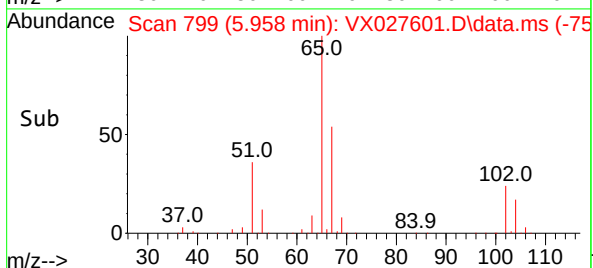
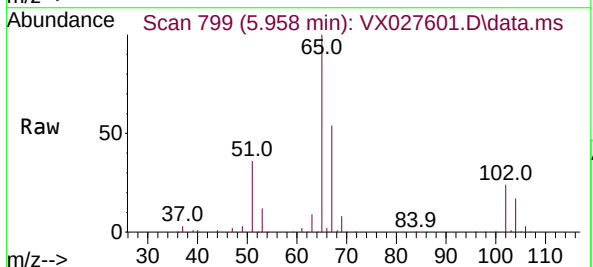


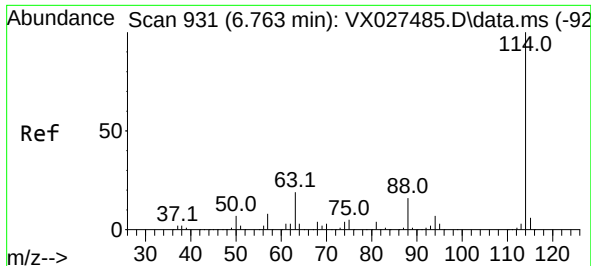
Tgt Ion: 56 Resp: 4642
Ion Ratio Lower Upper
56 100
69 189.8 26.7 40.1#
84 203.9 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 41.352 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

Tgt Ion: 65 Resp: 163524
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.4

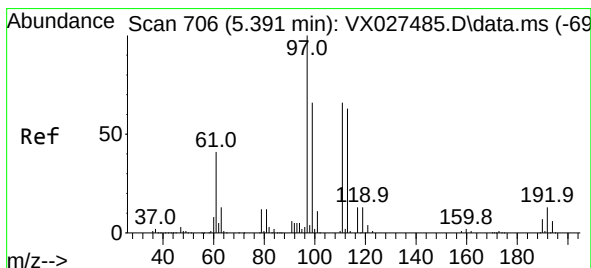
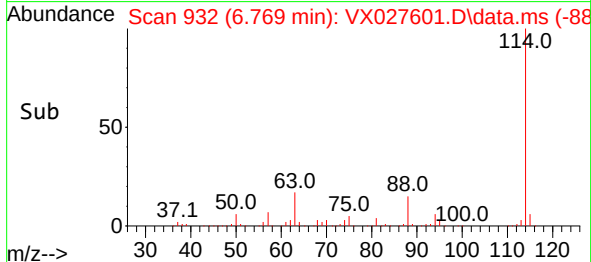
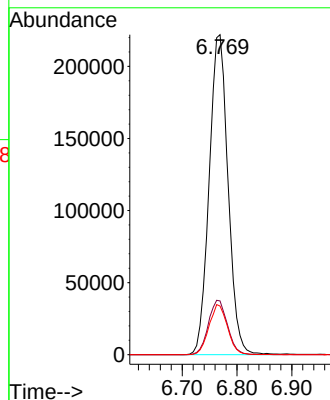
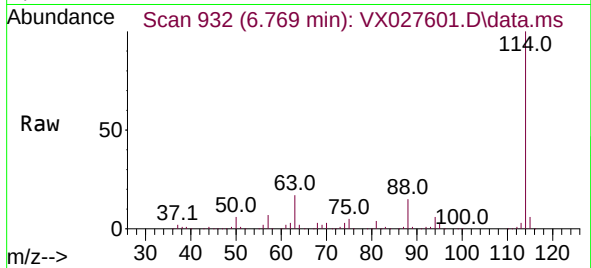




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

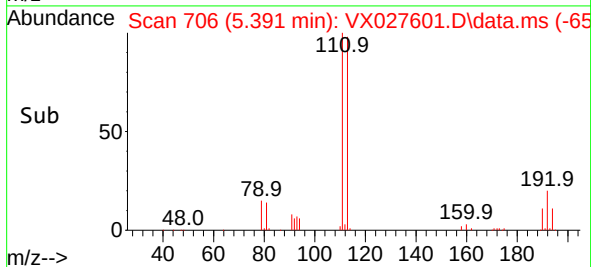
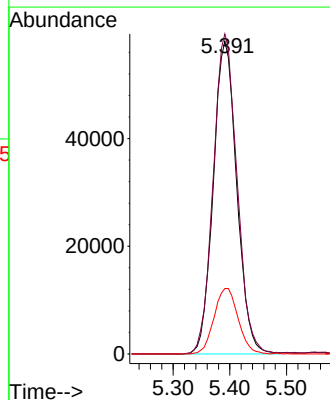
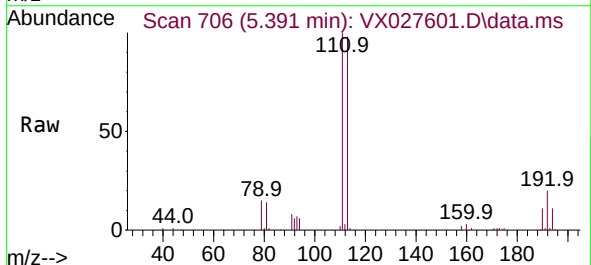
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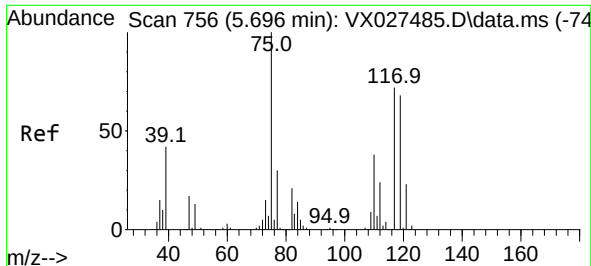
Tgt Ion:114 Resp: 529989
Ion Ratio Lower Upper
114 100
63 16.8 0.0 36.8
88 15.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.937 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

Tgt Ion:113 Resp: 166869
Ion Ratio Lower Upper
113 100
111 104.0 82.8 124.2
192 21.5 16.9 25.3

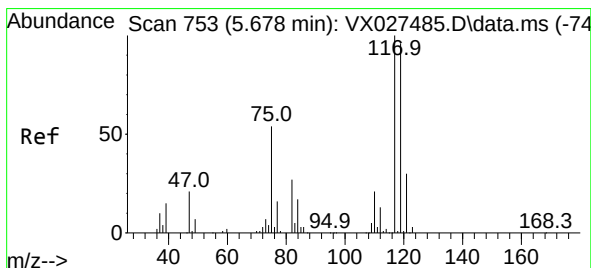
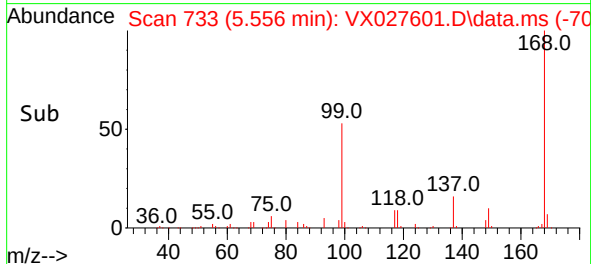
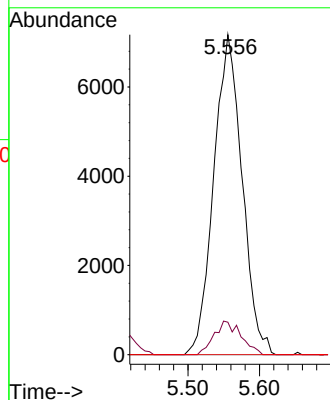
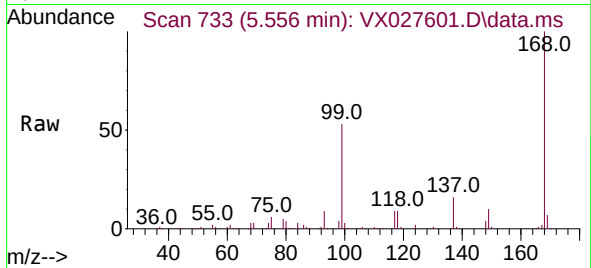




#36
1,1-Dichloropropene
Concen: 4.235 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

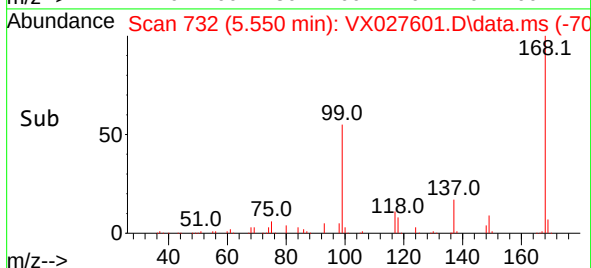
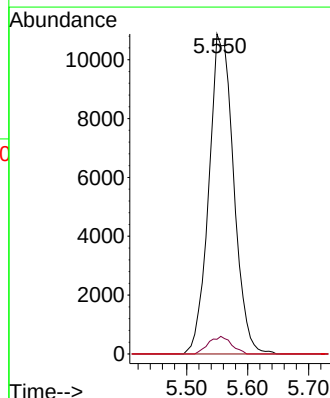
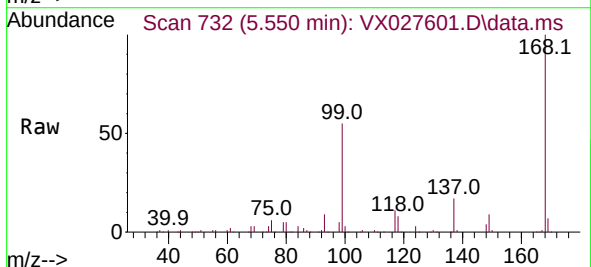
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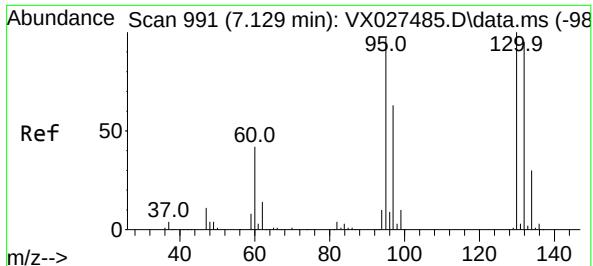
Tgt Ion: 75 Resp: 19734
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.759 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

Tgt Ion: 117 Resp: 30699
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#

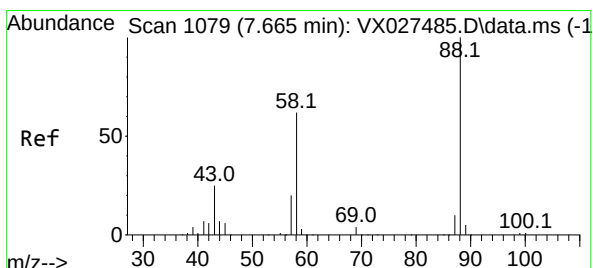
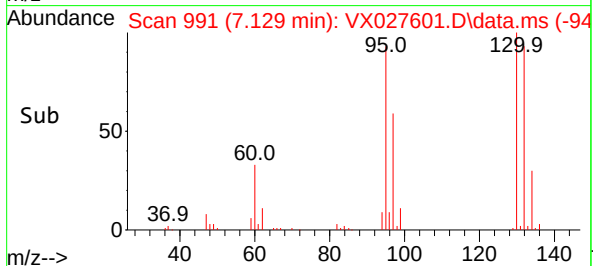
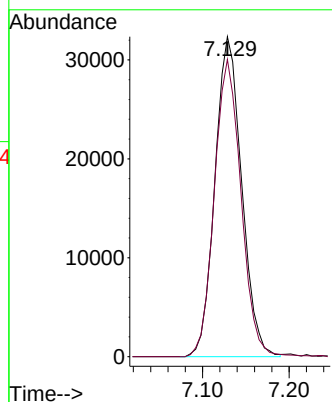
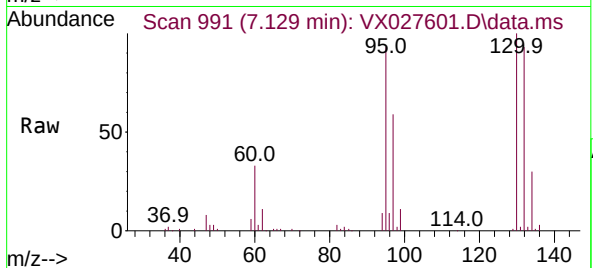




#44
Trichloroethene
Concen: 17.086 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

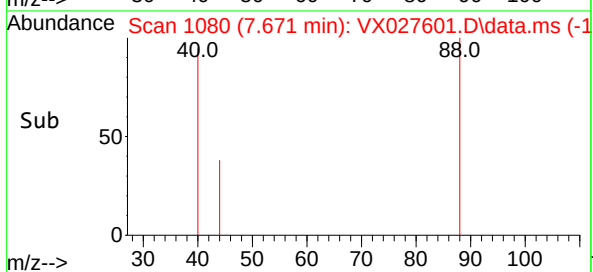
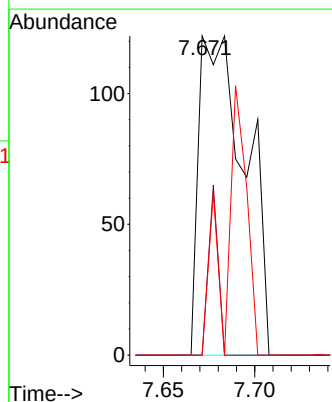
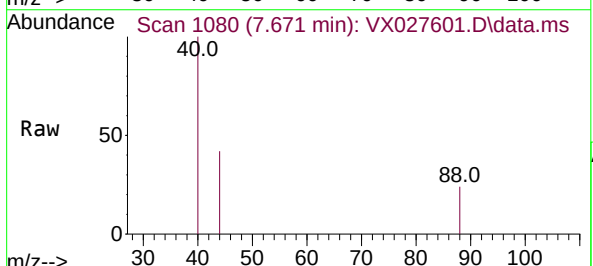
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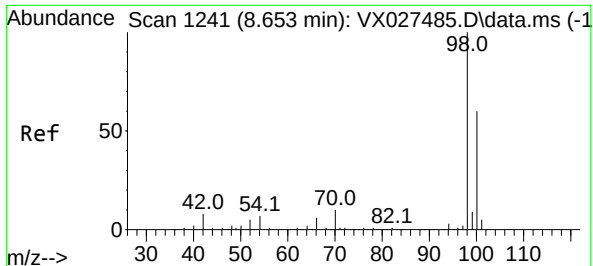
Tgt Ion:130 Resp: 69338
Ion Ratio Lower Upper
130 100
95 92.9 0.0 188.8



#49
1,4-Dioxane
Concen: 2.263 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

Tgt Ion: 88 Resp: 215
Ion Ratio Lower Upper
88 100
43 11.2 21.9 32.9#
58 39.1 53.7 80.5#

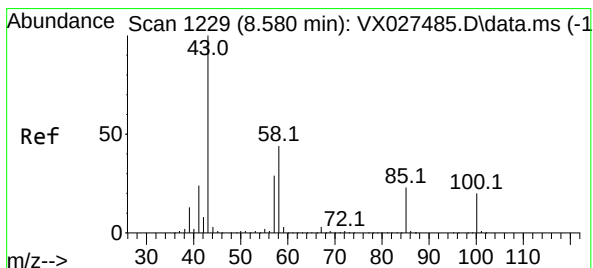
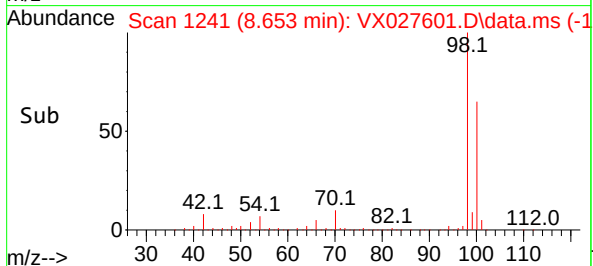
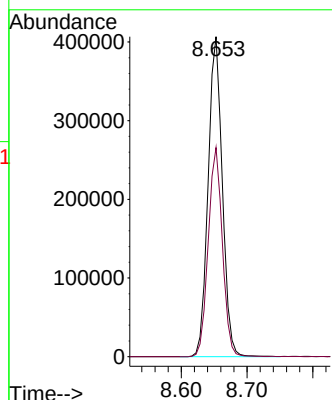
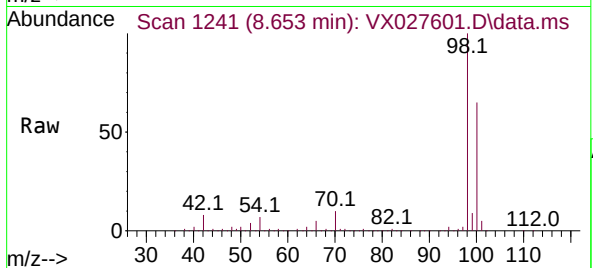




#50
Toluene-d8
Concen: 47.387 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

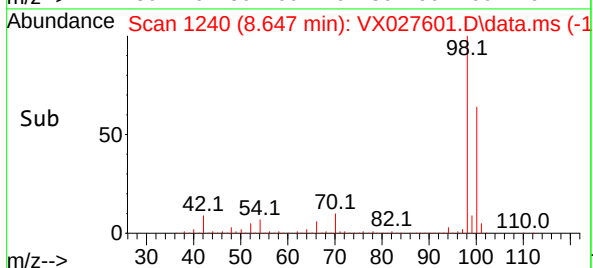
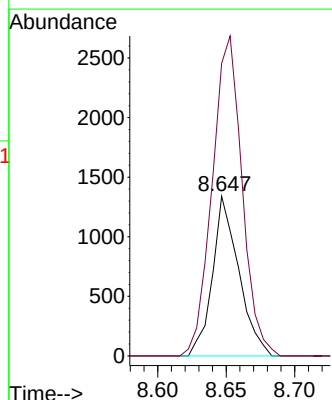
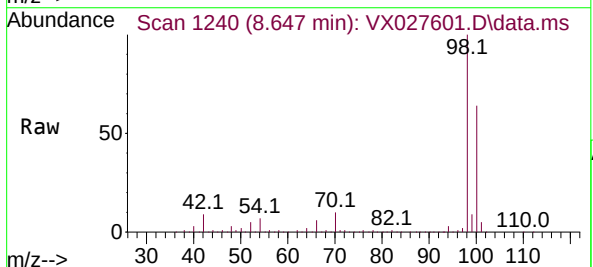
Instrument :
MSVOA_X
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RE-134D3-20220315DL

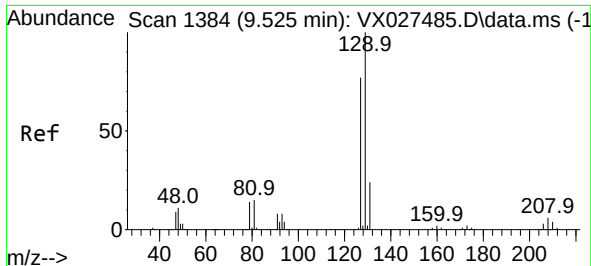
Tgt Ion: 98 Resp: 611445
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.375 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

Tgt Ion: 43 Resp: 1791
Ion Ratio Lower Upper
43 100
58 227.1 36.1 54.1#

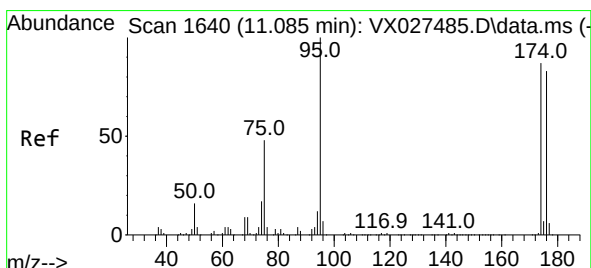
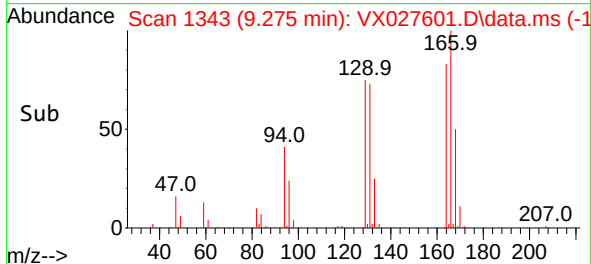
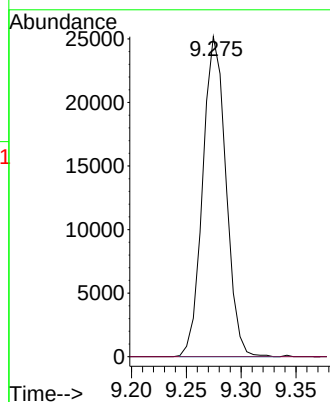
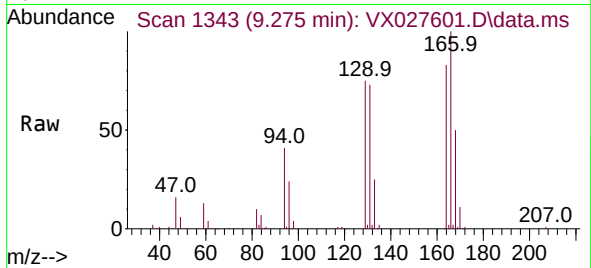




#60
Dibromochloromethane
Concen: 9.244 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

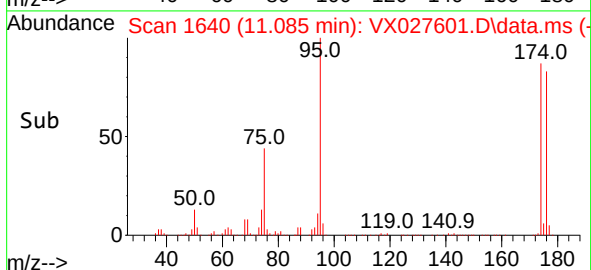
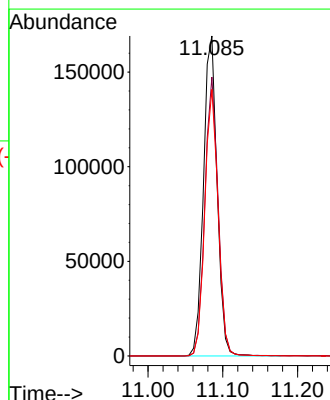
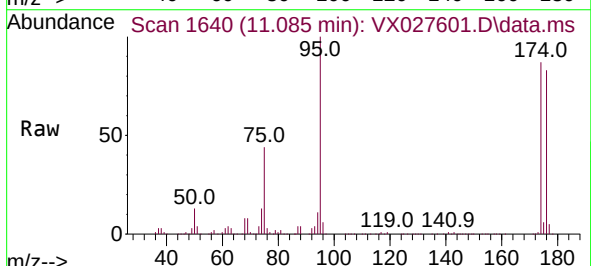
Instrument :
MSVOA_X
ClientSampleId :
RE-134D3-20220315DL

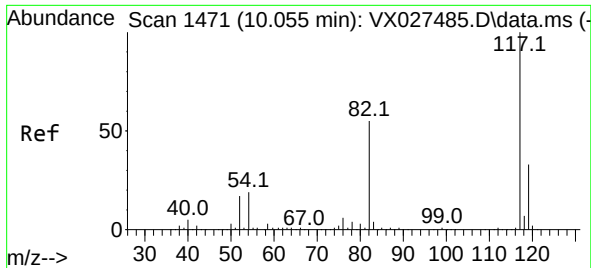
Tgt Ion:129 Resp: 37118
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 45.093 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

Tgt Ion: 95 Resp: 213861
Ion Ratio Lower Upper
95 100
174 85.1 0.0 163.0
176 81.7 0.0 155.0

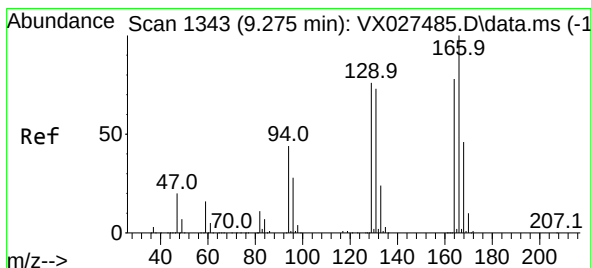
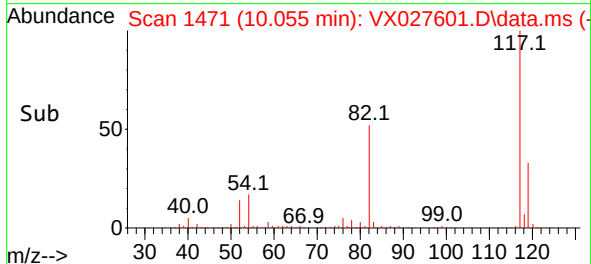
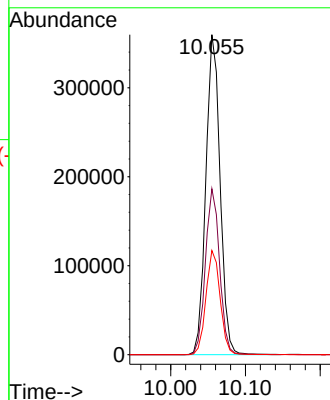
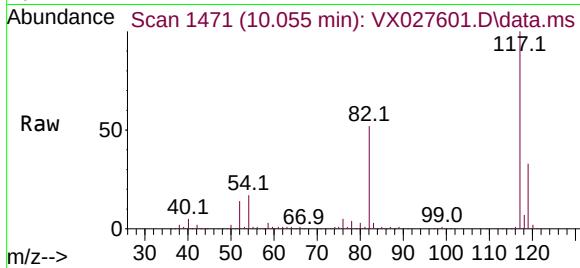




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

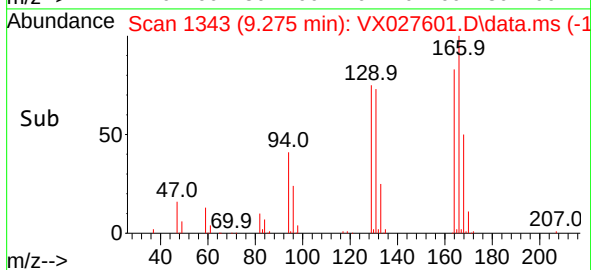
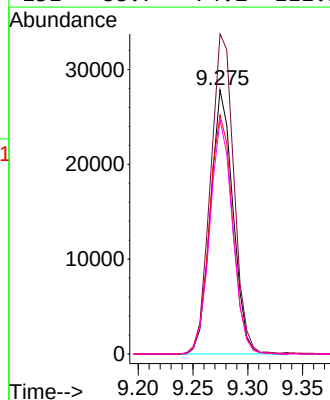
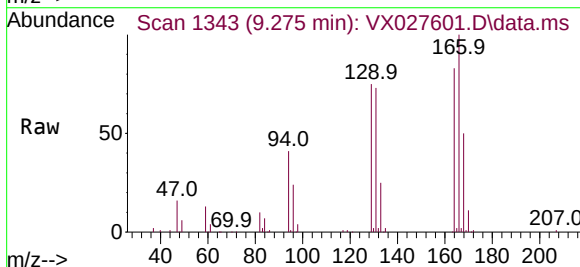
Instrument :
MSVOA_X
ClientSampleId :
RE-134D3-20220315DL

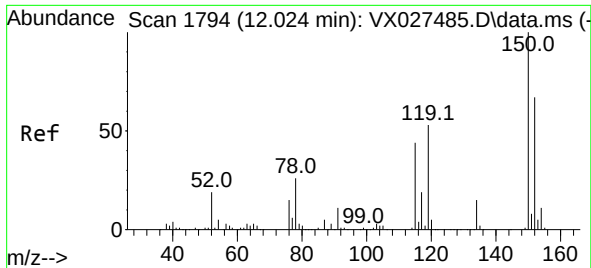
Tgt Ion:117 Resp: 475885
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.5 24.8 37.2



#64
Tetrachloroethene
Concen: 10.710 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

Tgt Ion:164 Resp: 39627
Ion Ratio Lower Upper
164 100
166 121.2 101.2 151.8
129 90.4 73.0 109.4
131 88.7 74.2 111.2

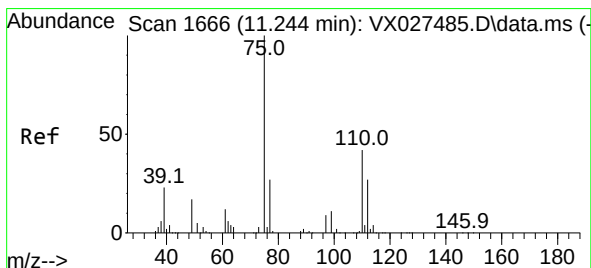
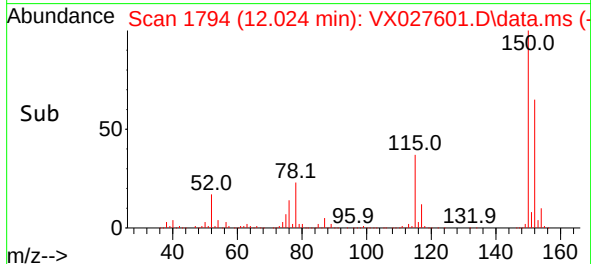
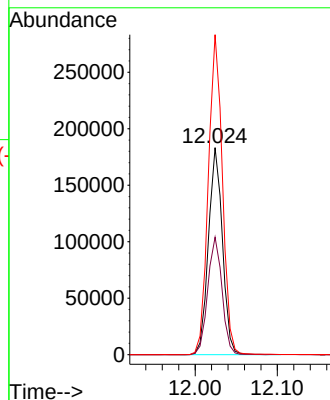
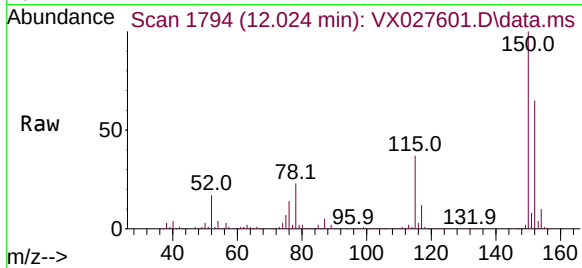




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

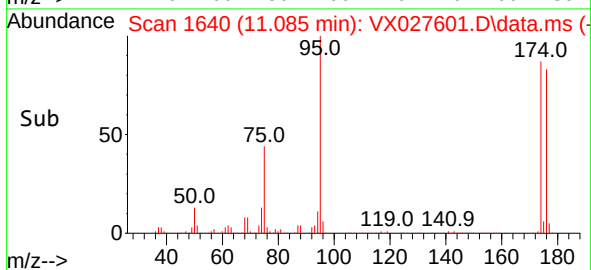
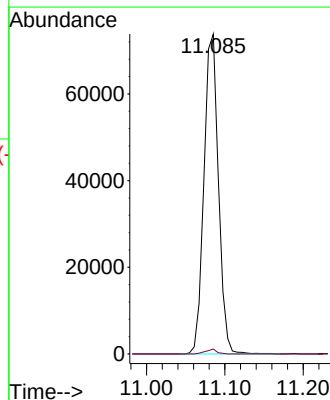
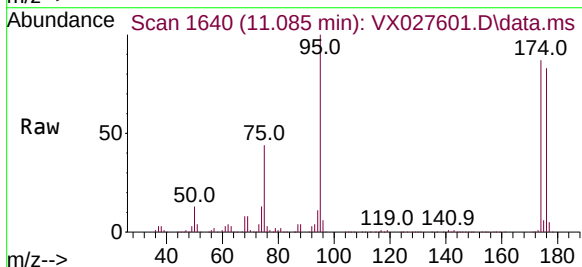
Instrument :
MSVOA_X
ClientSampleId :
RE-134D3-20220315DL

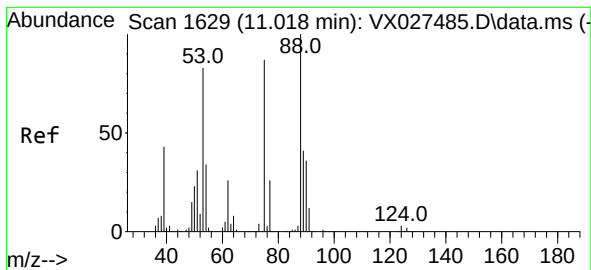
Tgt Ion:152 Resp: 216826
Ion Ratio Lower Upper
152 100
115 57.7 37.5 112.7
150 155.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 20.881 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

Tgt Ion: 75 Resp: 94700
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.416 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX027601.D
 Acq: 21 Mar 2022 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-134D3-20220315DL

Tgt Ion: 75 Resp: 94700
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

