

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030067.D
 Acq On : 14 Jul 2022 17:44
 Operator : JC/MD
 Sample : N3695-04DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-01C-84DL

Quant Time: Jul 15 04:19:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

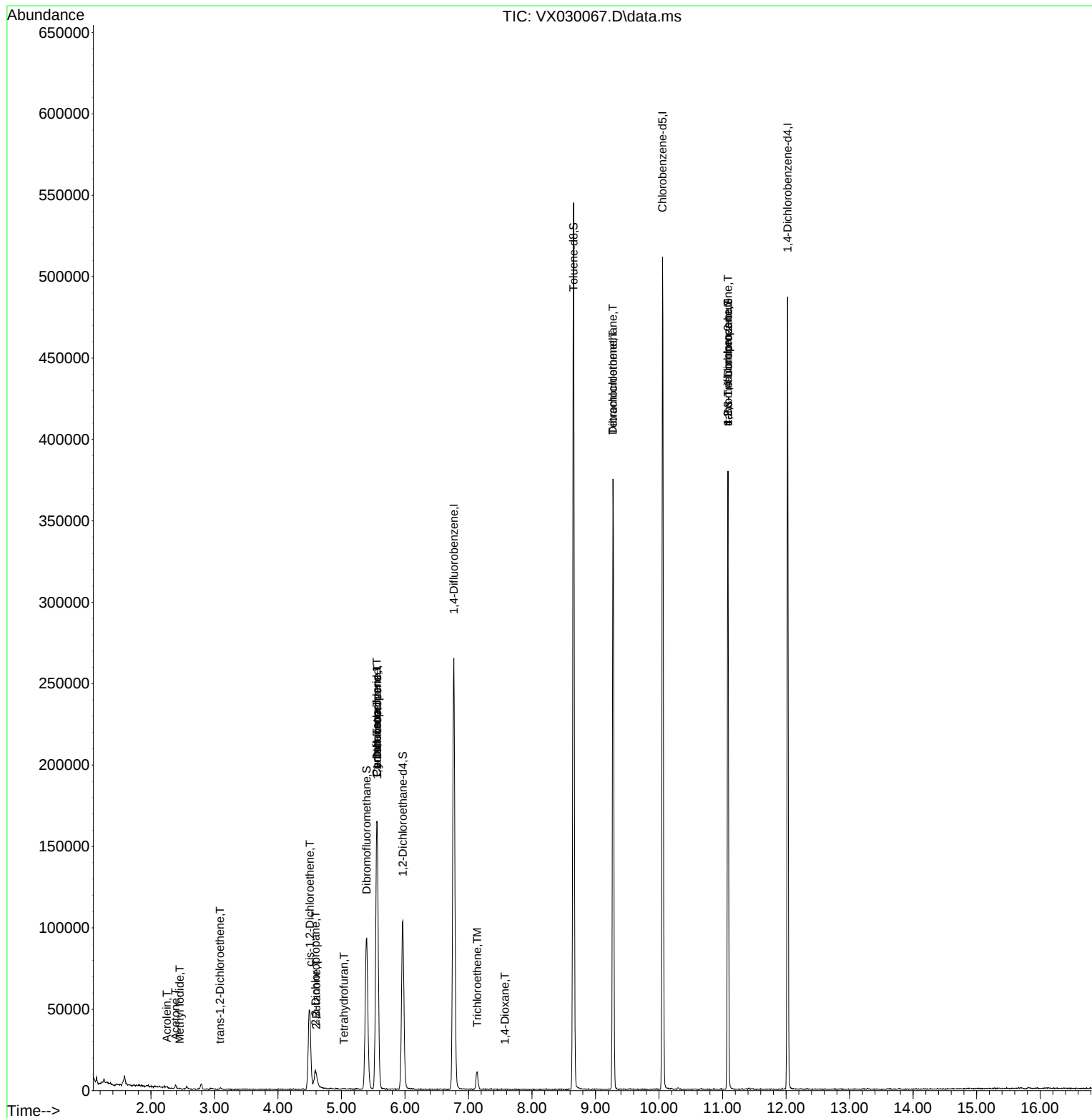
Internal Standards						
1) Pentafluorobenzene	5.556	168	163269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	286347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	92283	46.437	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.880%
35) Dibromofluoromethane	5.397	113	84290	46.078	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	8.653	98	322810	46.921	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.840%
62) 4-Bromofluorobenzene	11.085	95	102827	43.069	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37	Below Cal	#	42
10) Methyl Iodide	2.453	142	343	2.607	ug/l #	90
13) Acrolein	2.251	56	84	0.822	ug/l	95
16) Acetone	2.385	43	2349	2.508	ug/l #	85
17) Carbon Disulfide	2.513	76	426	Below Cal	#	74
20) Methylene Chloride	2.794	84	1555	Below Cal	#	95
21) trans-1,2-Dichloroethene	3.087	96	357	0.206	ug/l #	71
25) 2-Butanone	4.605	43	959	0.601	ug/l #	48
26) 2,2-Dichloropropane	4.592	77	871	0.393	ug/l #	49
27) cis-1,2-Dichloroethene	4.501	96	33574	15.812	ug/l	88
29) Tetrahydrofuran	5.037	42	239	0.221	ug/l #	32
31) Cyclohexane	5.556	56	3494	1.213	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12700	5.375	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15188	6.893	ug/l #	18
44) Trichloroethene	7.135	130	4560	2.098	ug/l	93
49) 1,4-Dioxane	7.574	88	19	0.347	ug/l #	25
60) Dibromochloromethane	9.274	129	67706	35.685	ug/l #	11
64) Tetrachloroethene	9.274	164	70291	36.229	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	47694	21.235	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	47694	61.285	ug/l #	13

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

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Quant Title : SW846 8260
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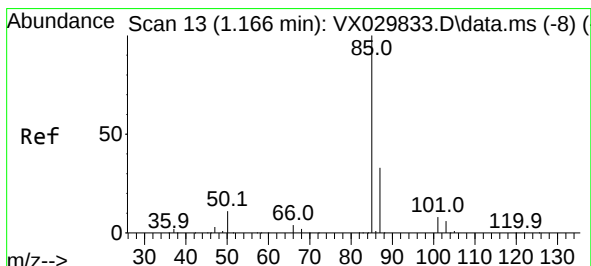
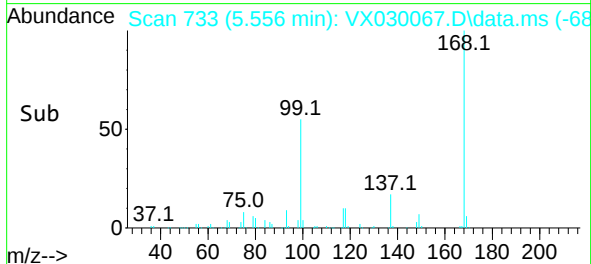
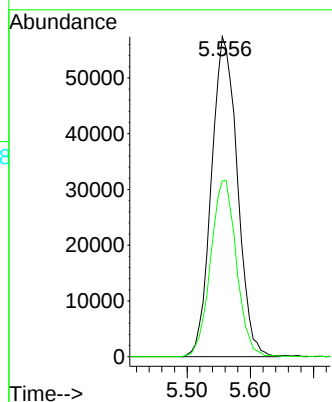
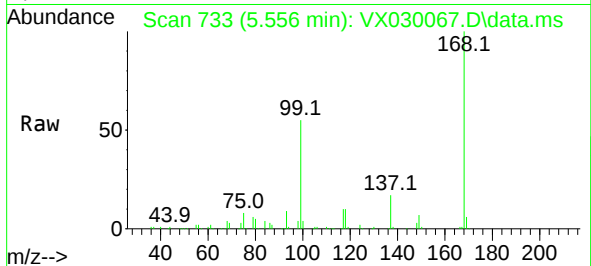




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

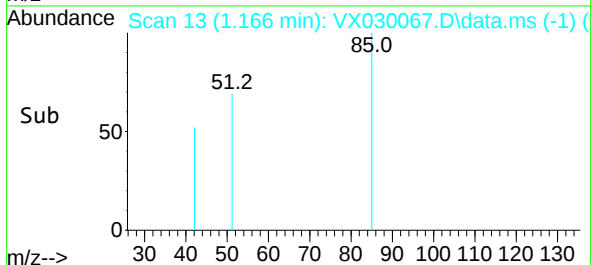
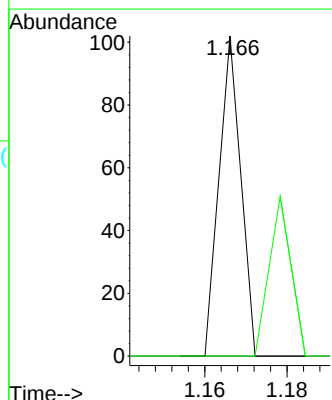
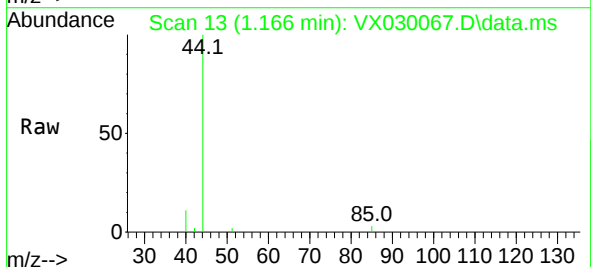
Instrument :
MSVOA_X
ClientSampleId :
SPC-01C-84DL

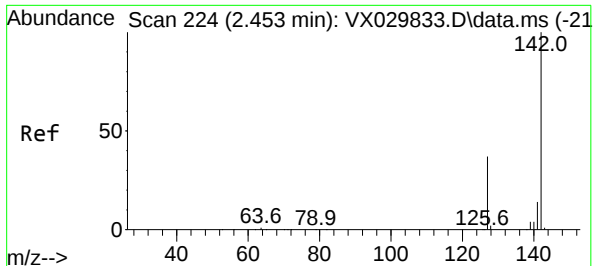
Tgt Ion:168 Resp: 163269
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

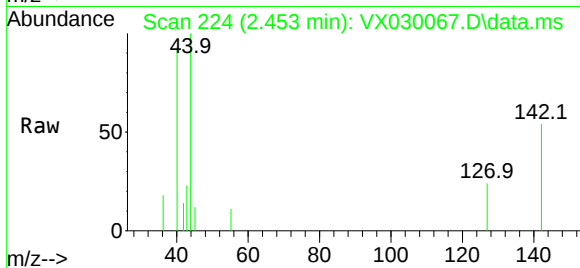
Tgt Ion: 85 Resp: 37
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#



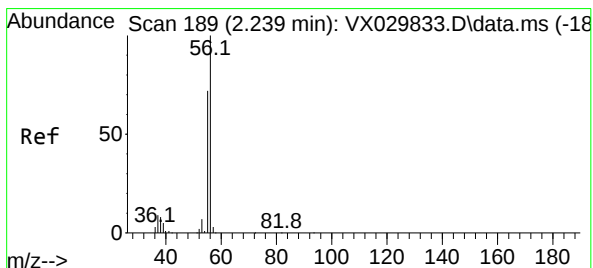
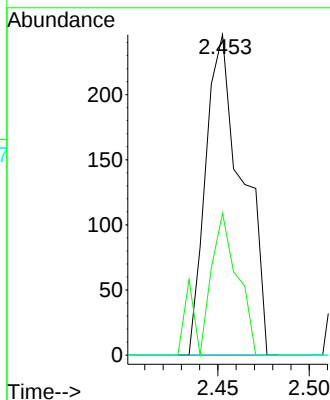
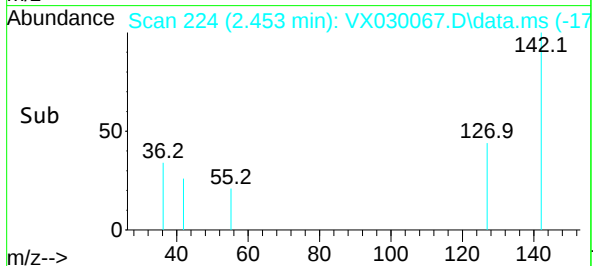


#10
Methyl Iodide
Concen: 2.607 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Instrument :
MSVOA_X
ClientSampleId :
SPC-01C-84DL

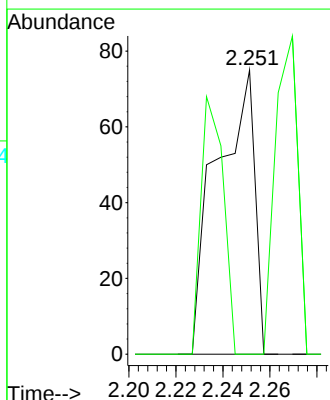
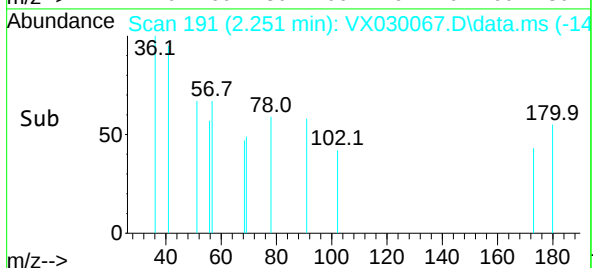
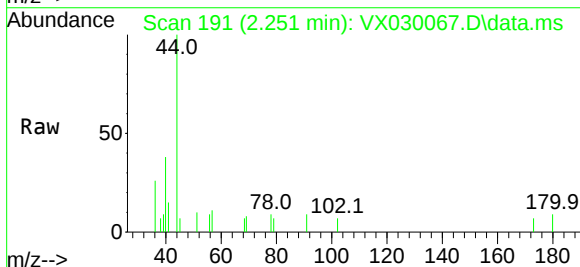


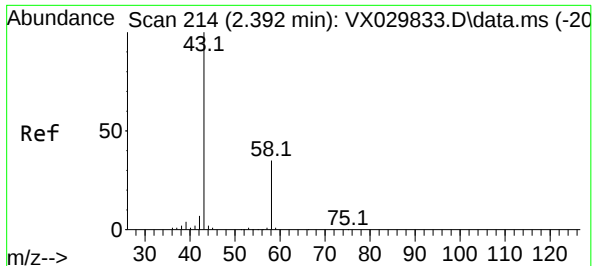
Tgt Ion:142 Resp: 343
Ion Ratio Lower Upper
142 100
127 37.3 30.2 45.2
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 0.822 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Tgt Ion: 56 Resp: 84
Ion Ratio Lower Upper
56 100
55 66.7 56.6 84.8

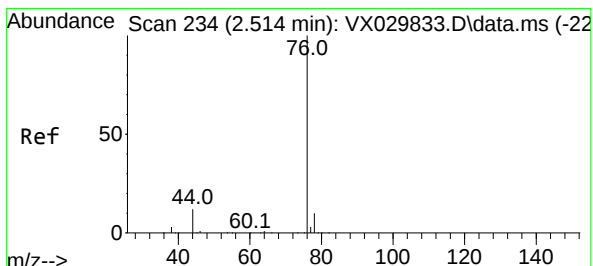
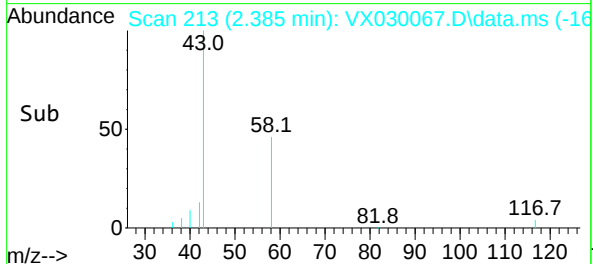
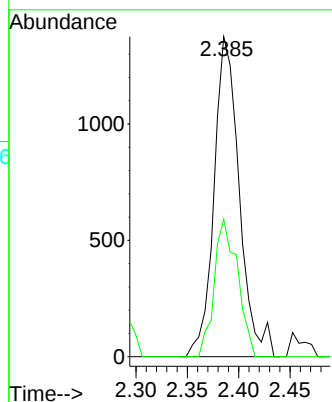
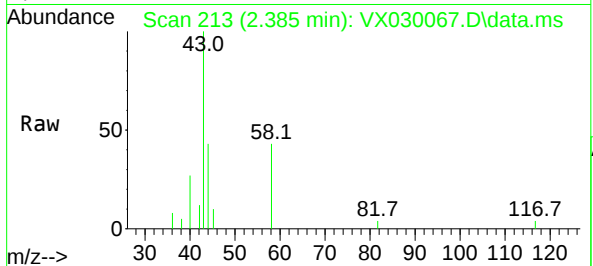




#16
Acetone
Concen: 2.508 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.007 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

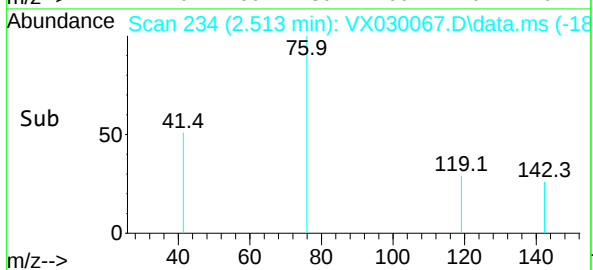
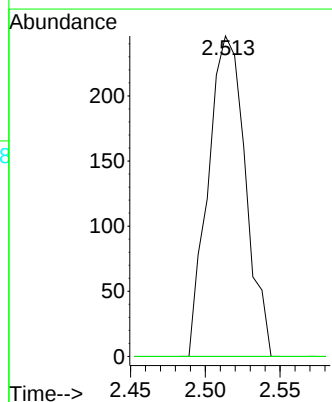
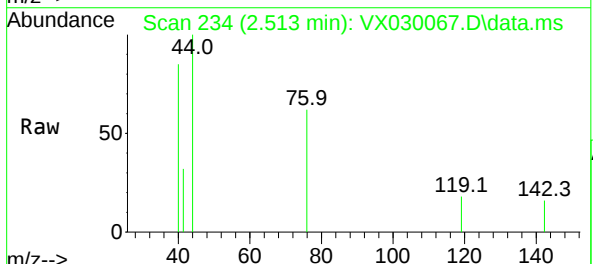
Instrument :
MSVOA_X
ClientSampleId :
SPC-01C-84DL

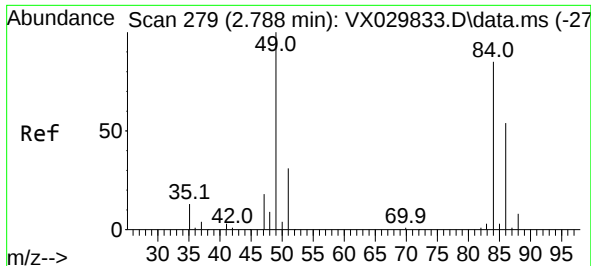
Tgt Ion: 43 Resp: 2349
Ion Ratio Lower Upper
43 100
58 43.0 27.7 41.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Tgt Ion: 76 Resp: 426
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

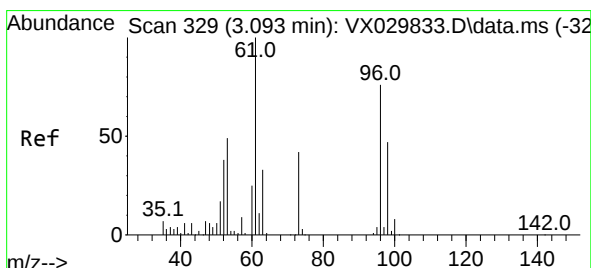
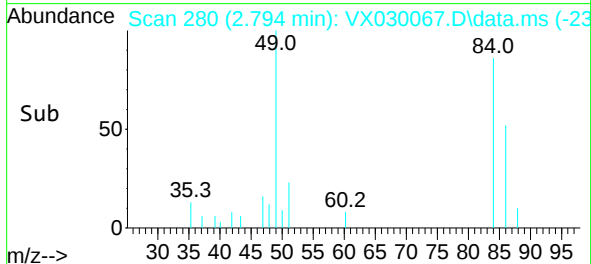
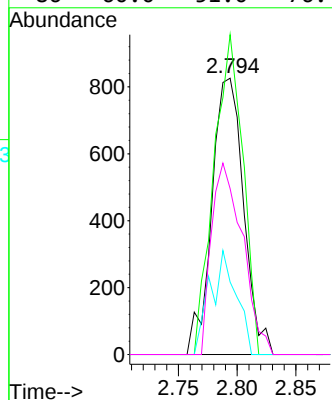
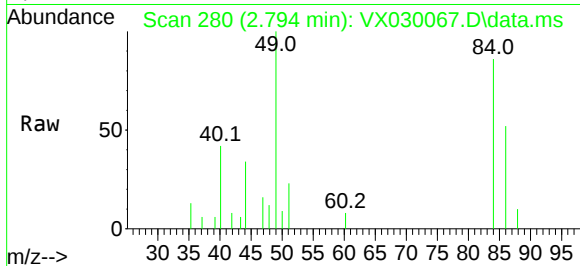




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

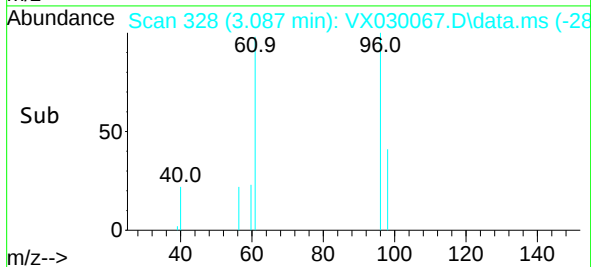
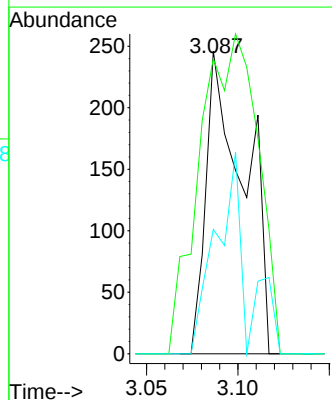
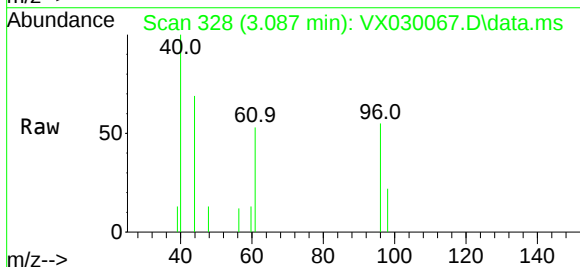
Instrument :
MSVOA_X
ClientSampleId :
SPC-01C-84DL

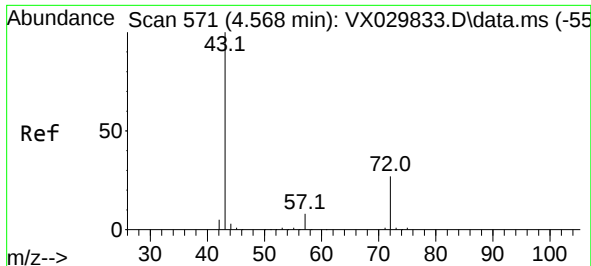
Tgt Ion: 84	Resp: 1555
Ion Ratio	Lower Upper
84 100	
49 115.7	93.8 140.6
51 26.3	29.4 44.0#
86 60.0	51.0 76.4



#21
trans-1,2-Dichloroethene
Concen: 0.206 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Tgt Ion: 96	Resp: 357
Ion Ratio	Lower Upper
96 100	
61 97.6	105.6 158.4#
98 41.1	50.1 75.1#





#25

2-Butanone

Concen: 0.601 ug/l

RT: 4.605 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX030067.D

Acq: 14 Jul 2022 17:44

Instrument :

MSVOA_X

ClientSampleId :

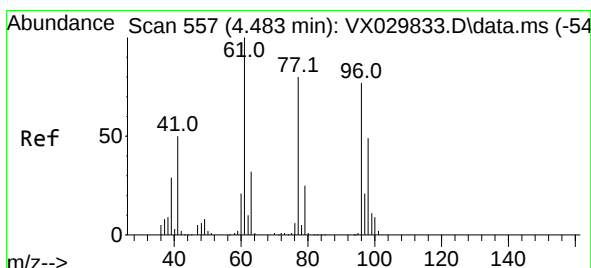
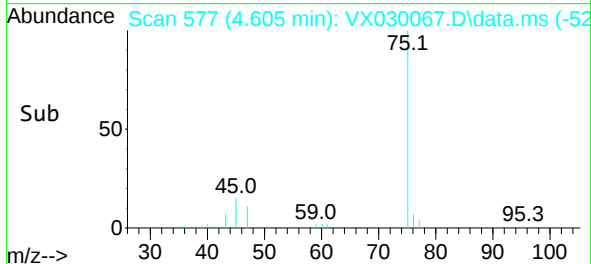
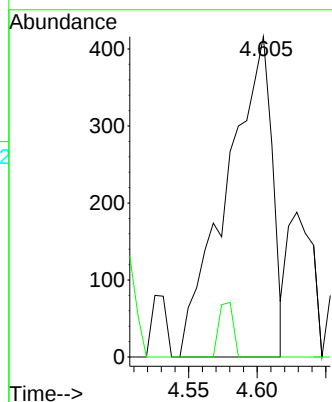
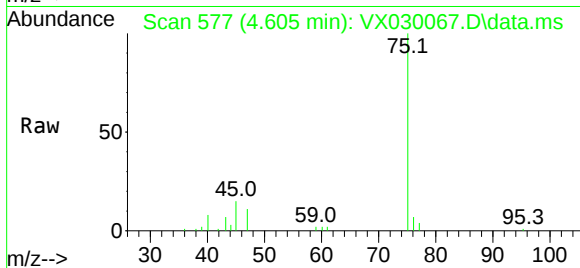
SPC-01C-84DL

Tgt Ion: 43 Resp: 959

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 0.393 ug/l

RT: 4.592 min Scan# 575

Delta R.T. 0.109 min

Lab File: VX030067.D

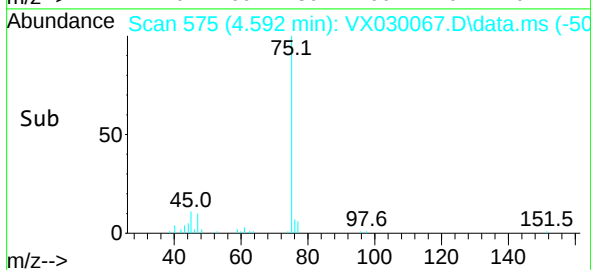
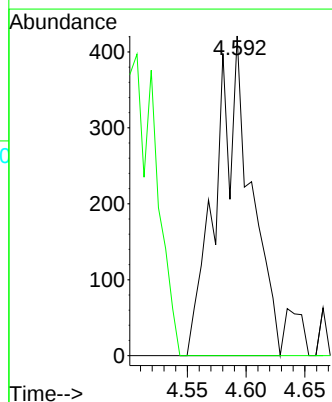
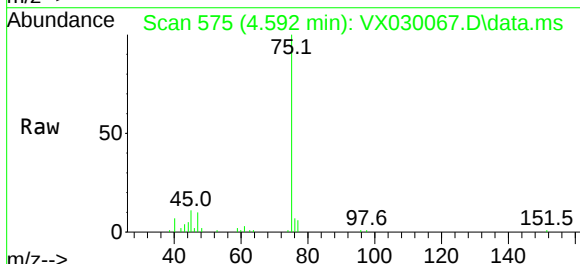
Acq: 14 Jul 2022 17:44

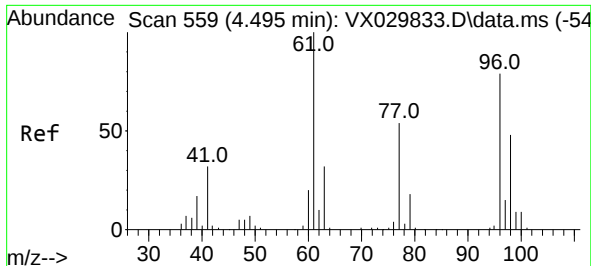
Tgt Ion: 77 Resp: 871

Ion Ratio Lower Upper

77 100

97 0.0 13.0 39.0#





#27

cis-1,2-Dichloroethene

Concen: 15.812 ug/l

RT: 4.501 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX030067.D

Acq: 14 Jul 2022 17:44

Instrument :

MSVOA_X

ClientSampleId :

SPC-01C-84DL

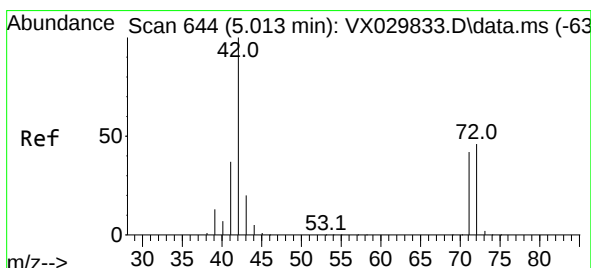
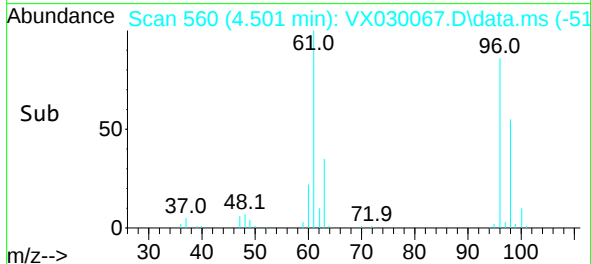
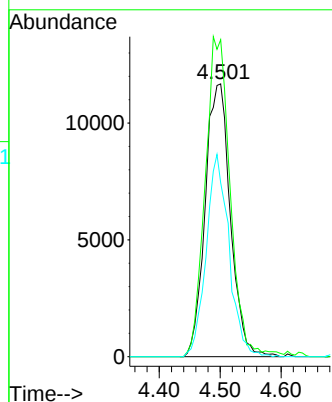
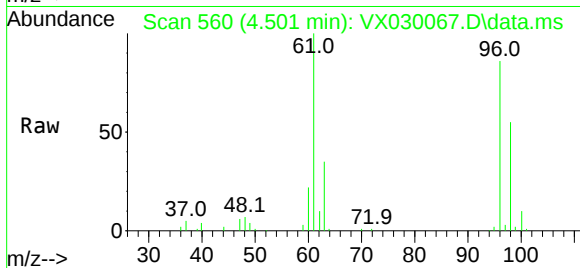
Tgt Ion: 96 Resp: 33574

Ion Ratio Lower Upper

96 100

61 116.1 0.0 270.0

98 67.2 0.0 127.8



#29

Tetrahydrofuran

Concen: 0.221 ug/l

RT: 5.037 min Scan# 648

Delta R.T. 0.024 min

Lab File: VX030067.D

Acq: 14 Jul 2022 17:44

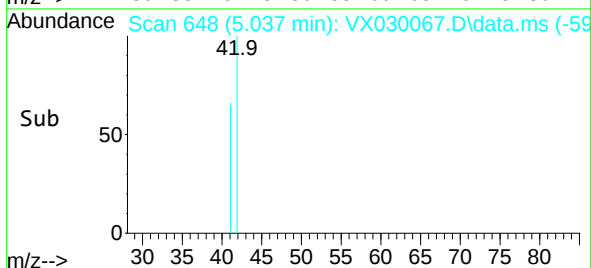
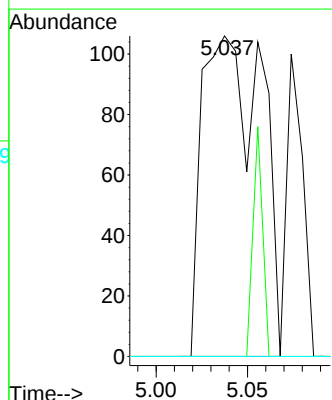
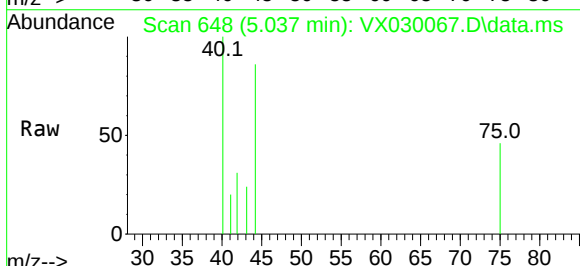
Tgt Ion: 42 Resp: 239

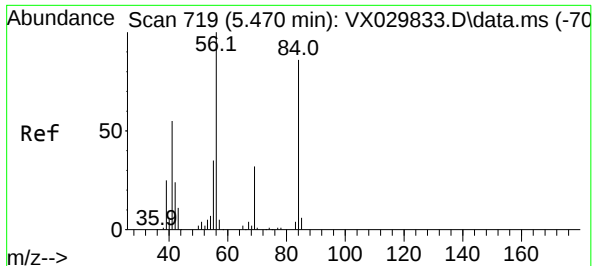
Ion Ratio Lower Upper

42 100

72 0.0 36.5 54.7#

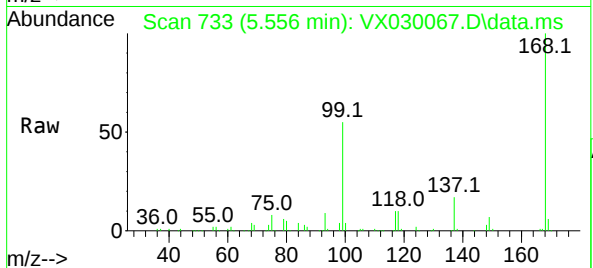
71 0.0 33.9 50.9#



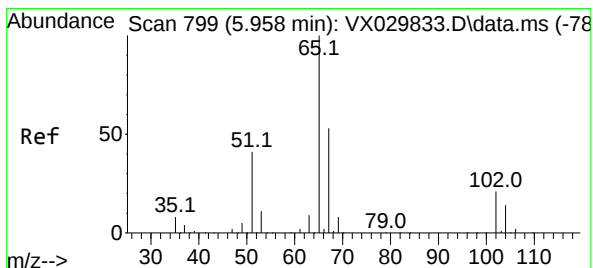
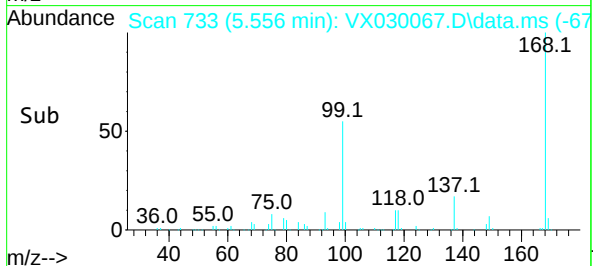
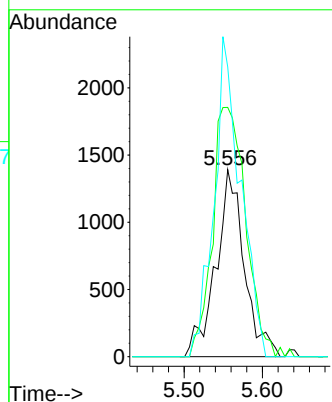


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Instrument :
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ClientSampleId :
SPC-01C-84DL

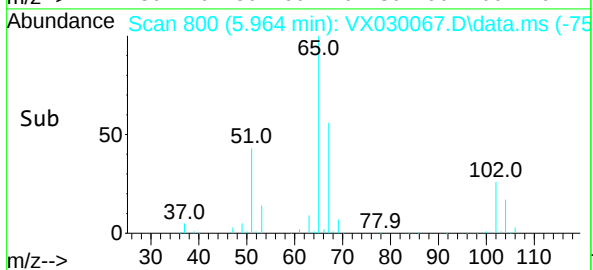
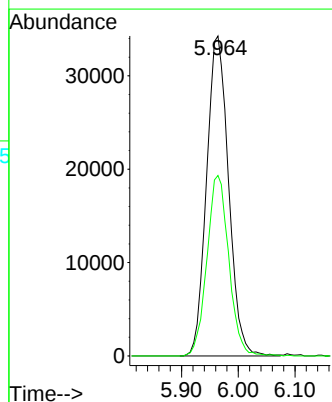
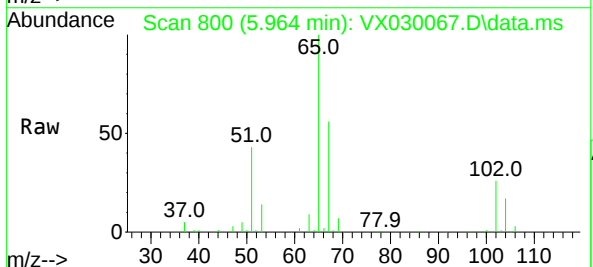


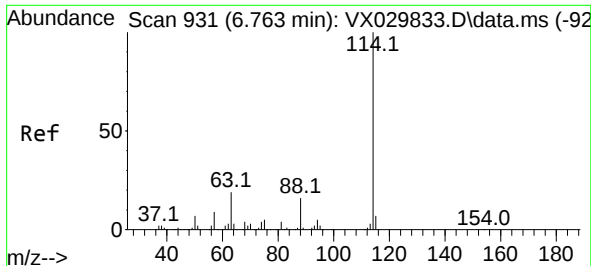
Tgt Ion: 56 Resp: 3494
Ion Ratio Lower Upper
56 100
69 133.3 25.4 38.0#
84 154.9 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 46.437 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Tgt Ion: 65 Resp: 92283
Ion Ratio Lower Upper
65 100
67 56.2 0.0 109.6

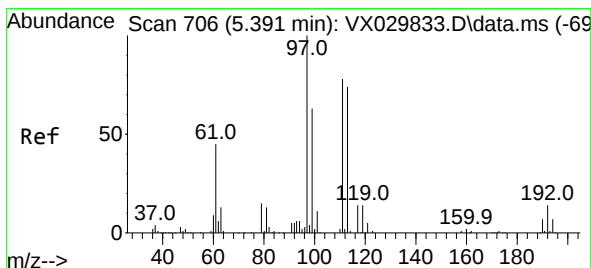
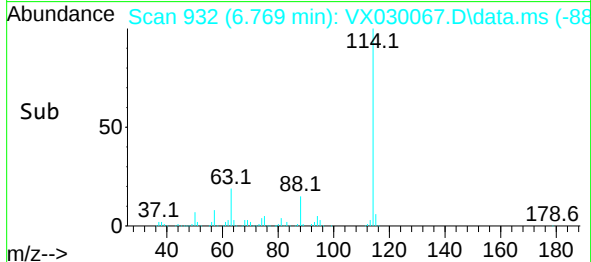
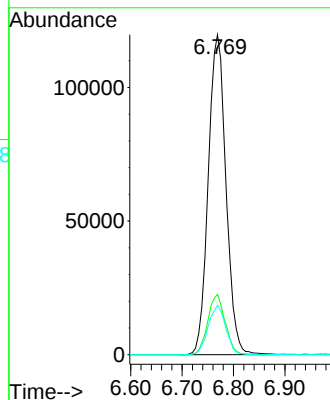
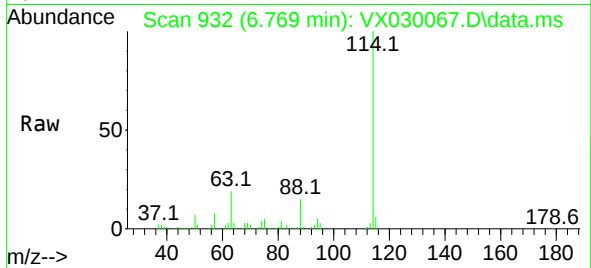




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

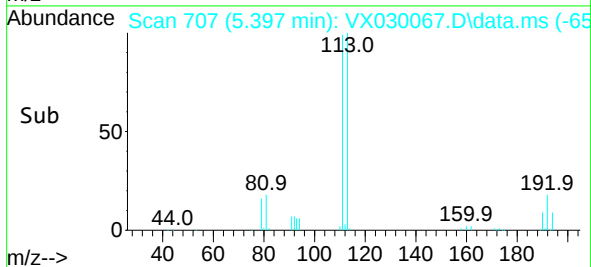
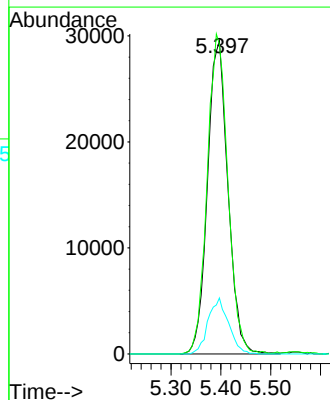
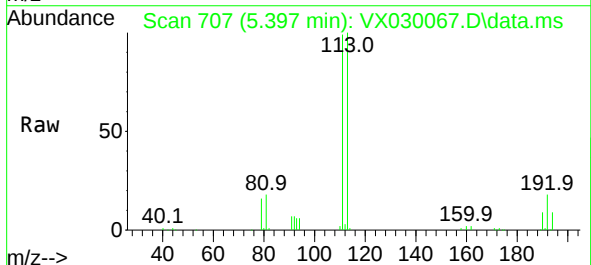
Instrument :
MSVOA_X
ClientSampleId :
SPC-01C-84DL

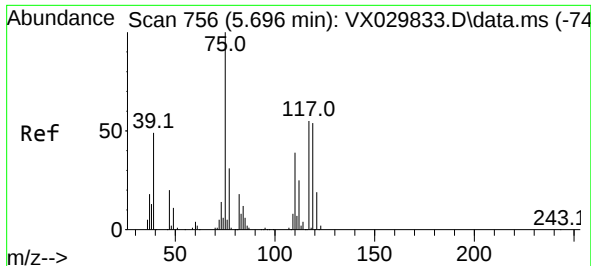
Tgt Ion:114 Resp: 286347
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.4
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.078 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Tgt Ion:113 Resp: 84290
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 17.8 14.8 22.2

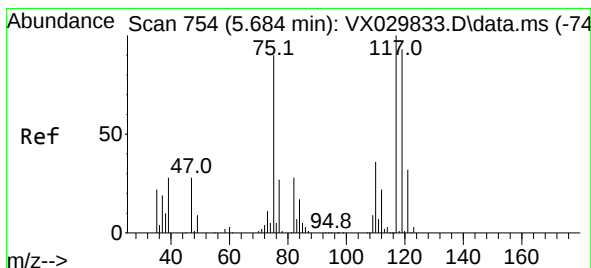
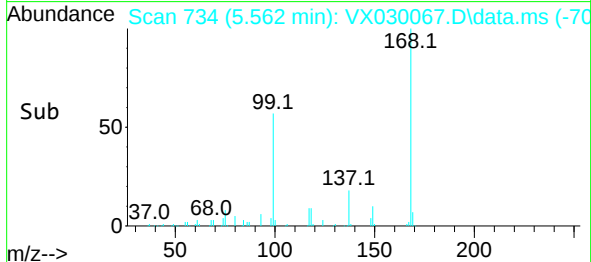
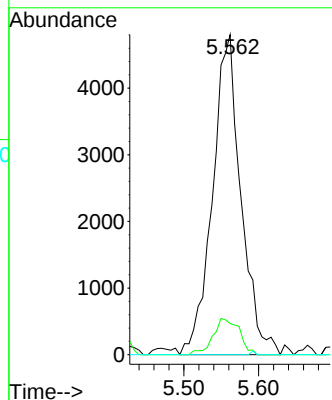
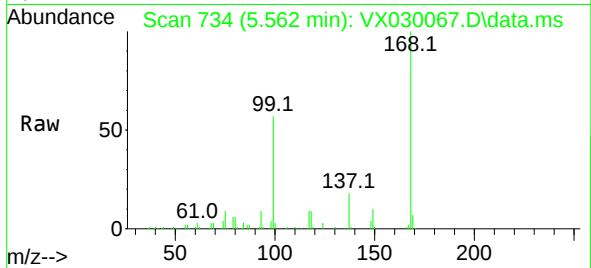




#36
1,1-Dichloropropene
Concen: 5.375 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

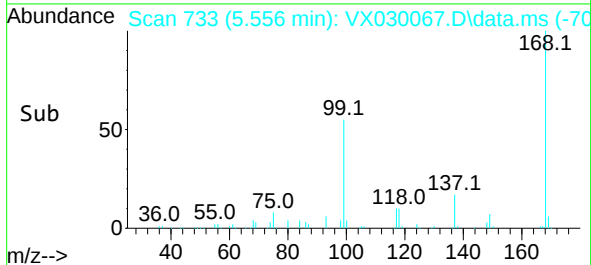
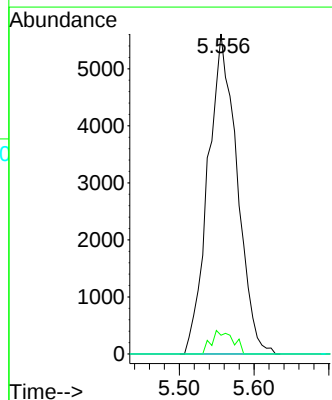
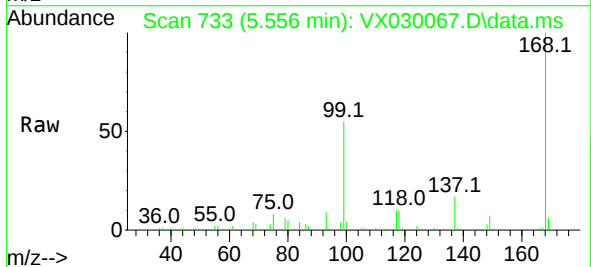
Instrument :
MSVOA_X
ClientSampleId :
SPC-01C-84DL

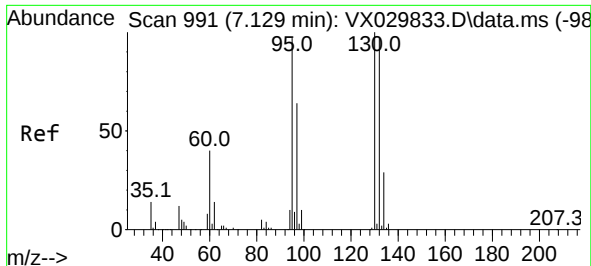
Tgt Ion: 75 Resp: 12700
Ion Ratio Lower Upper
75 100
110 10.5 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.893 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Tgt Ion: 117 Resp: 15188
Ion Ratio Lower Upper
117 100
119 5.8 74.1 111.1#
121 0.0 25.8 38.8#

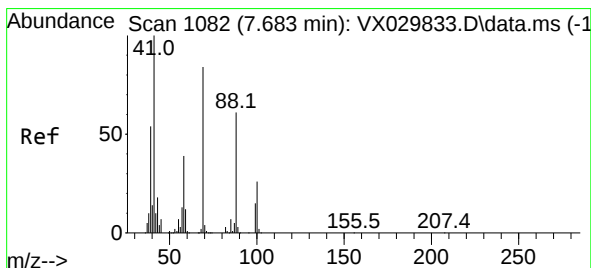
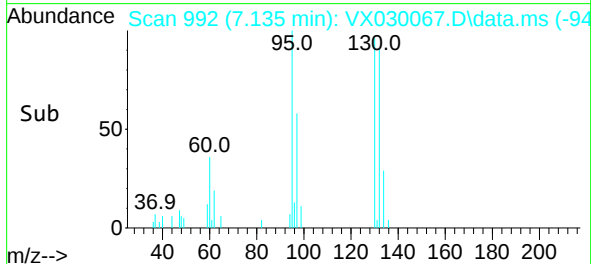
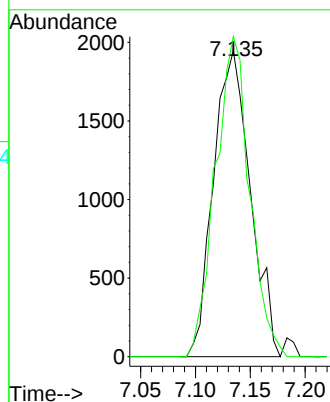
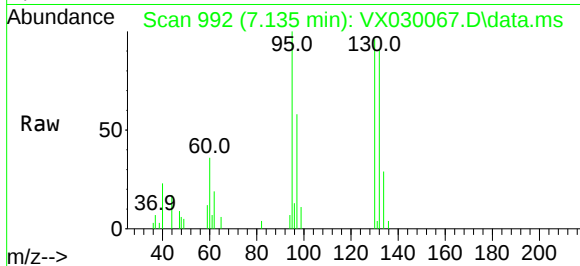




#44
Trichloroethene
Concen: 2.098 ug/l
RT: 7.135 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

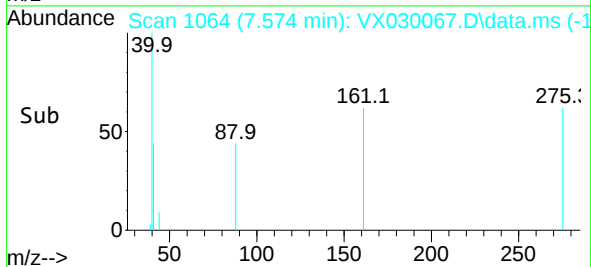
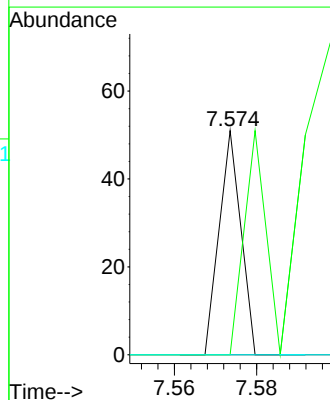
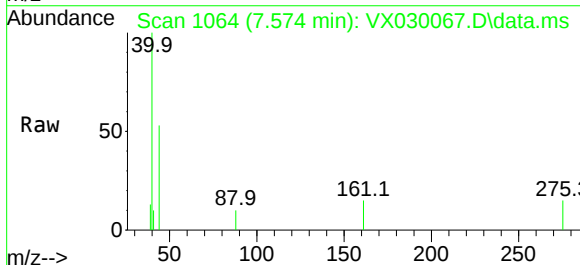
Instrument :
MSVOA_X
ClientSampleId :
SPC-01C-84DL

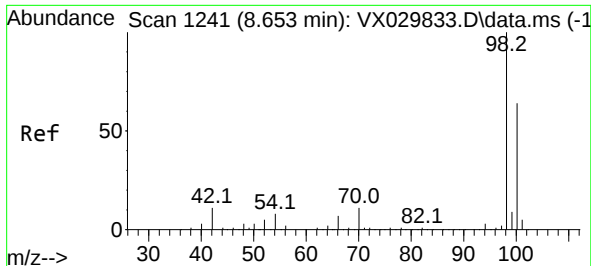
Tgt Ion:130 Resp: 4560
Ion Ratio Lower Upper
130 100
95 104.6 0.0 194.8



#49
1,4-Dioxane
Concen: 0.347 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.109 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

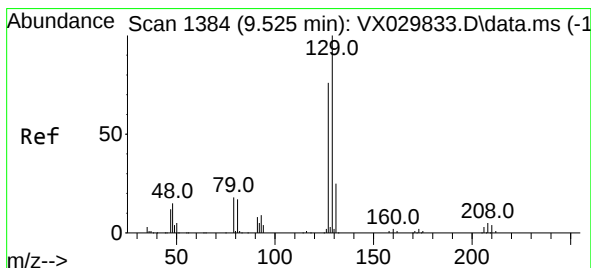
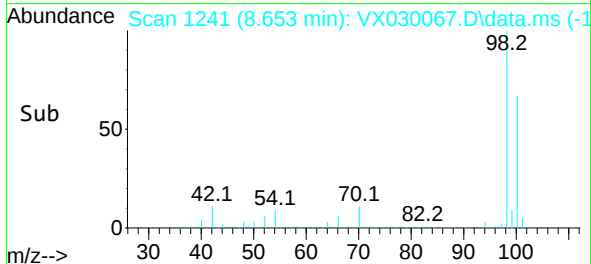
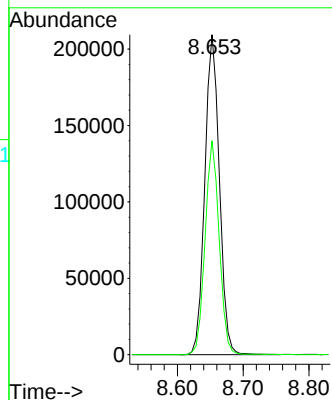
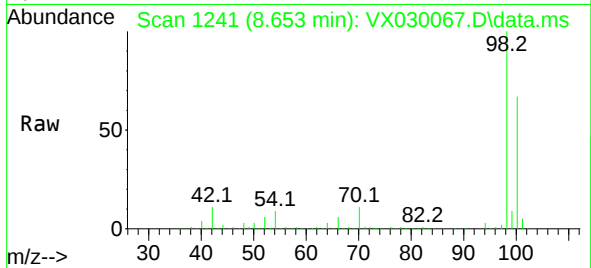




#50
Toluene-d8
Concen: 46.921 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

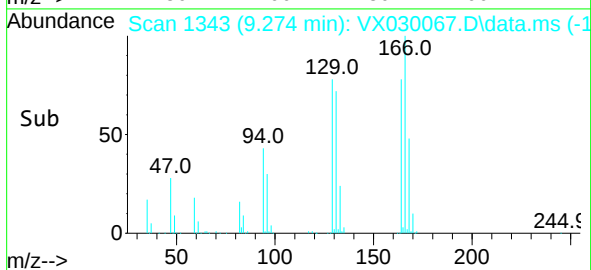
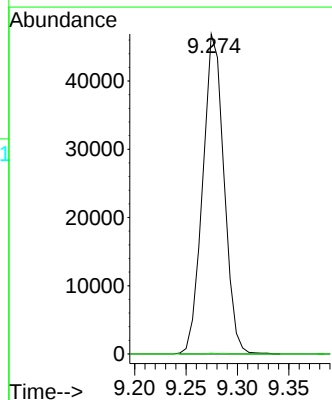
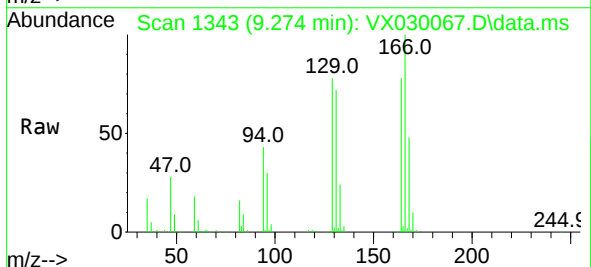
Instrument :
MSVOA_X
ClientSampleId :
SPC-01C-84DL

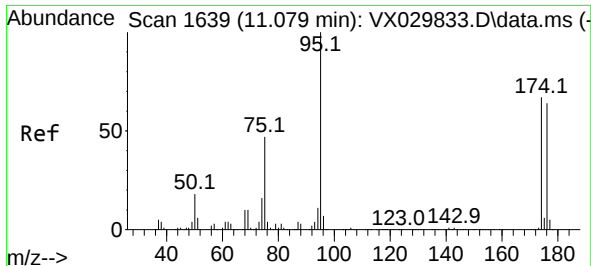
Tgt Ion: 98 Resp: 322810
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#60
Dibromochloromethane
Concen: 35.685 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.251 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Tgt Ion: 129 Resp: 67706
Ion Ratio Lower Upper
129 100
127 0.1 38.5 115.5#

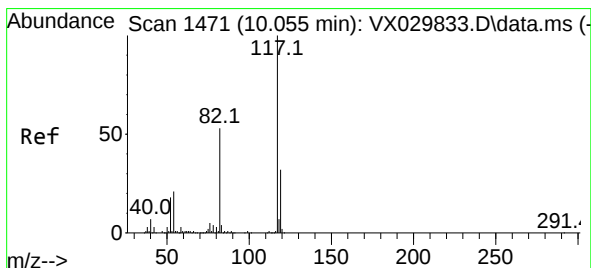
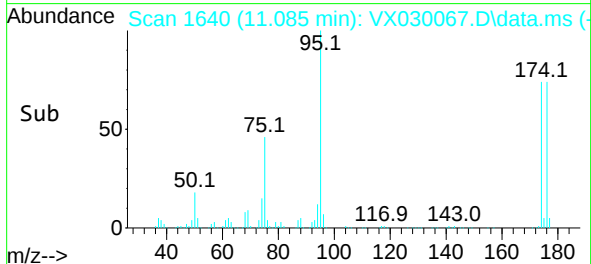
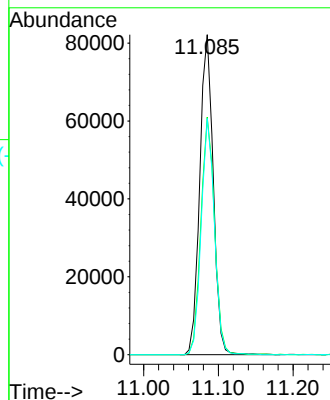
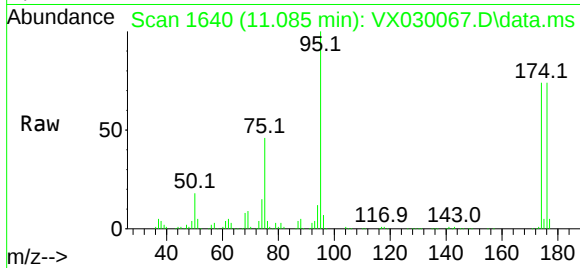




#62
4-Bromofluorobenzene
Concen: 43.069 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

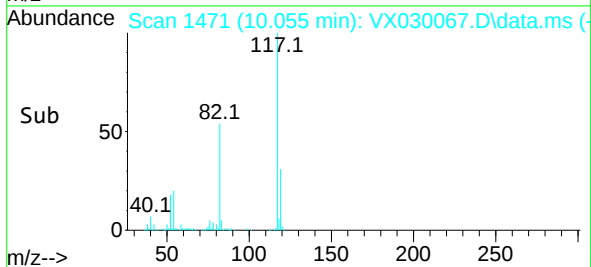
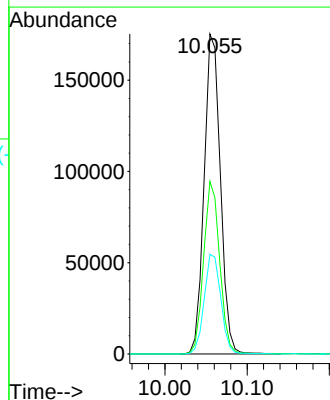
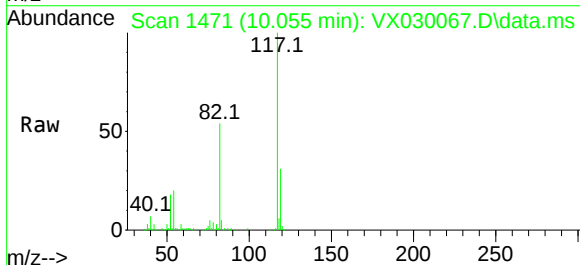
Instrument :
MSVOA_X
ClientSampleId :
SPC-01C-84DL

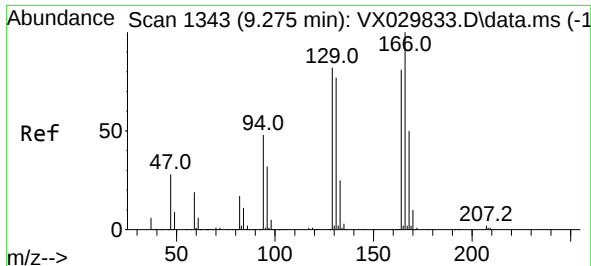
Tgt Ion: 95 Resp: 102827
Ion Ratio Lower Upper
95 100
174 75.0 0.0 149.0
176 72.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Tgt Ion: 117 Resp: 241697
Ion Ratio Lower Upper
117 100
82 53.9 42.7 64.1
119 31.2 25.4 38.2

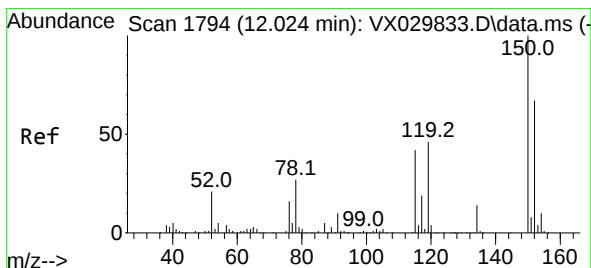
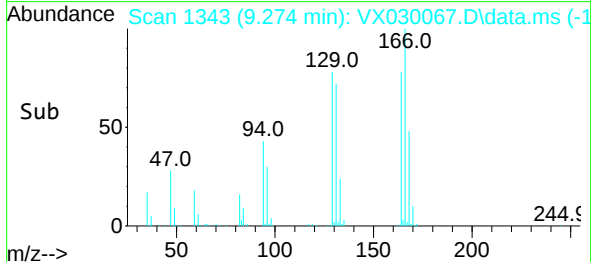
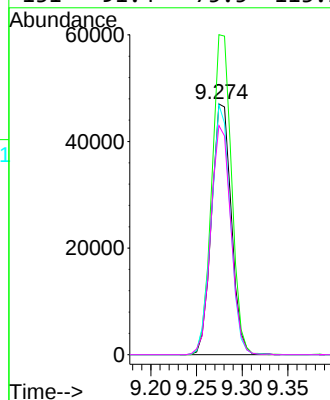
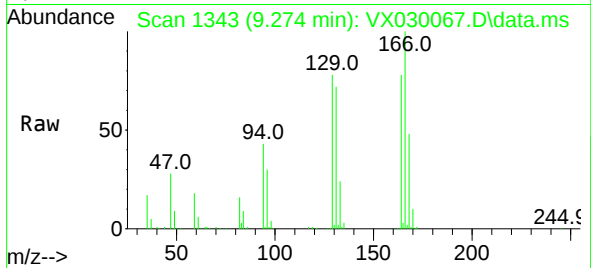




#64
Tetrachloroethene
Concen: 36.229 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

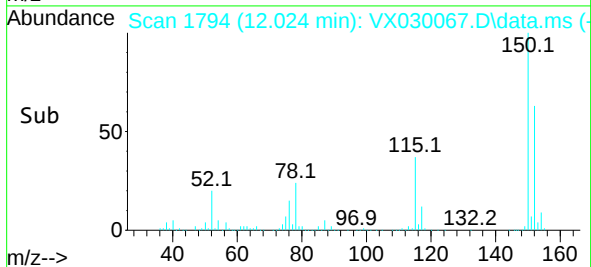
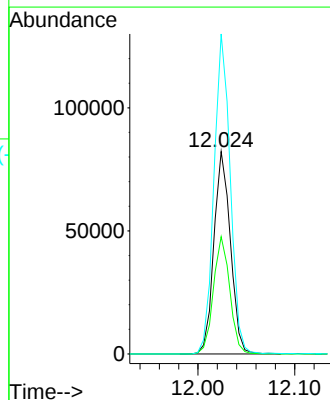
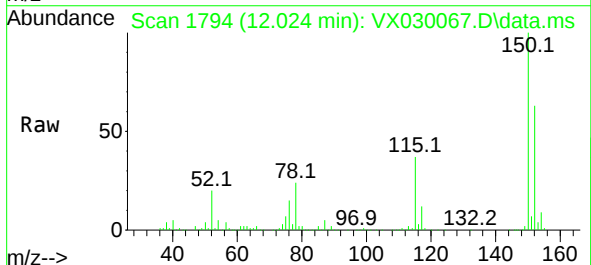
Instrument :
MSVOA_X
ClientSampleId :
SPC-01C-84DL

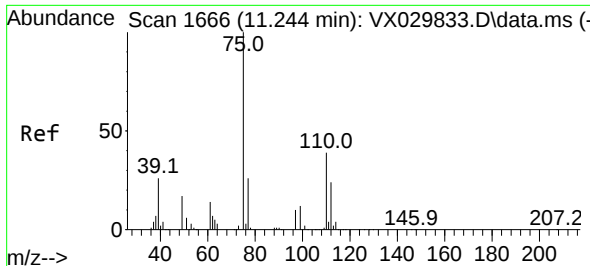
Tgt Ion:164	Resp:	70291
Ion	Ratio	Lower Upper
164	100	
166	127.6	98.2 147.4
129	99.7	80.8 121.2
131	91.4	75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Tgt Ion:152	Resp:	97684
Ion	Ratio	Lower Upper
152	100	
115	57.3	40.5 121.5
150	155.7	0.0 347.0

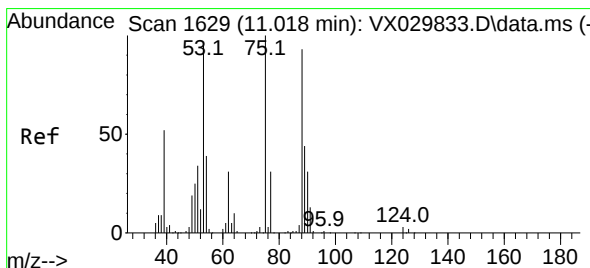
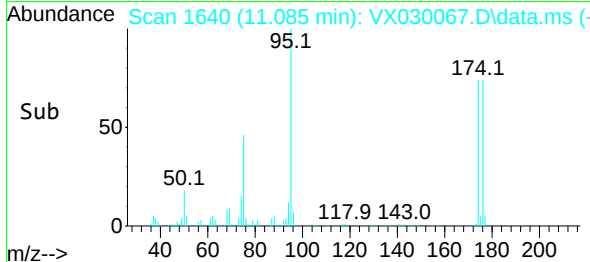
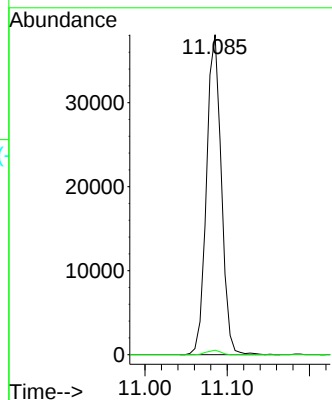
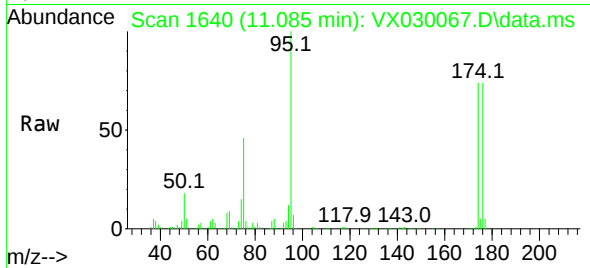




#76
1,2,3-Trichloropropane
Concen: 21.235 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Instrument :
MSVOA_X
ClientSampleId :
SPC-01C-84DL

Tgt Ion: 75 Resp: 47694
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.285 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Tgt Ion: 75 Resp: 47694
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.2 34.8 52.2#

