

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050322\
 Data File : VX028501.D
 Acq On : 03 May 2022 15:05
 Operator : JC/MD
 Sample : N2640-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-042922

Quant Time: May 04 06:05:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

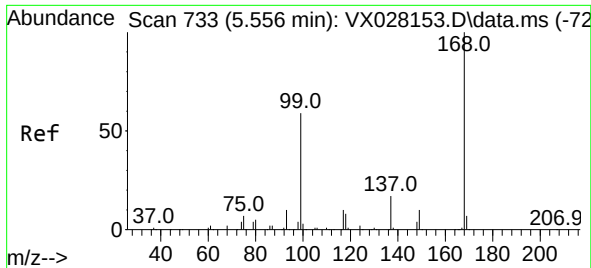
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	372264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	659314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	652914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	302698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	274454	56.543	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	113.080%
35) Dibromofluoromethane	5.385	113	248055	53.648	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.300%
50) Toluene-d8	8.653	98	936781	52.750	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.500%
62) 4-Bromofluorobenzene	11.079	95	339026	49.929	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.860%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	415	Below Cal		99
5) Bromomethane	1.624	94	793	Below Cal		96
6) Chloroethane	1.691	64	214	Below Cal	#	43
10) Methyl Iodide	2.471	142	377	5.316	ug/l #	69
11) Tert butyl alcohol	2.953	59	387	Below Cal	#	72
13) Acrolein	2.203	56	119	0.200	ug/l #	68
16) Acetone	2.380	43	16927	10.078	ug/l	89
20) Methylene Chloride	2.788	84	1098	0.305	ug/l	91
25) 2-Butanone	4.568	43	994	0.346	ug/l #	77
31) Cyclohexane	5.556	56	7347	1.242	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	26905	4.461	ug/l #	49
38) Carbon Tetrachloride	5.556	117	37000	5.434	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	167631	28.139	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	167631	83.621	ug/l #	15

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

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Response via : Initial Calibration

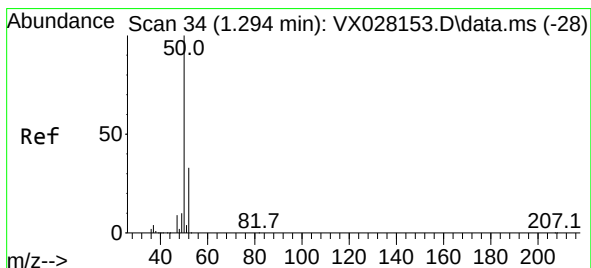
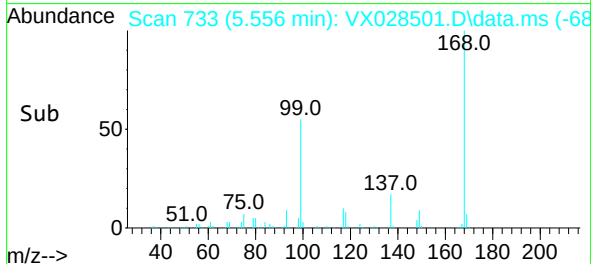
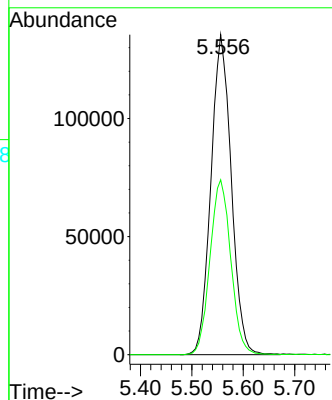
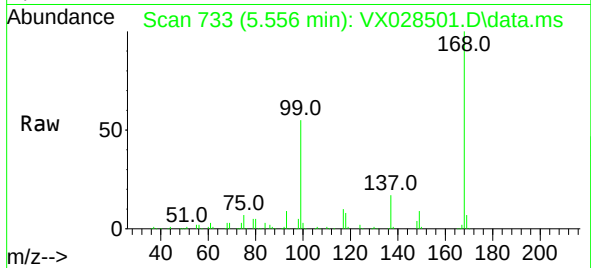




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

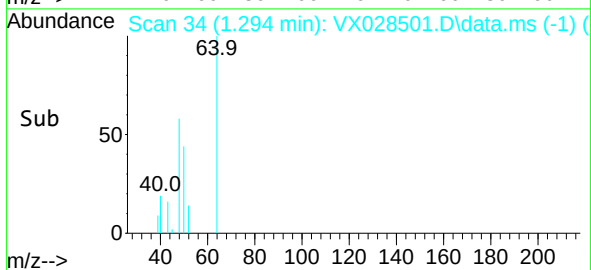
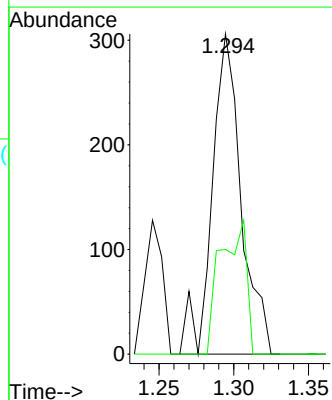
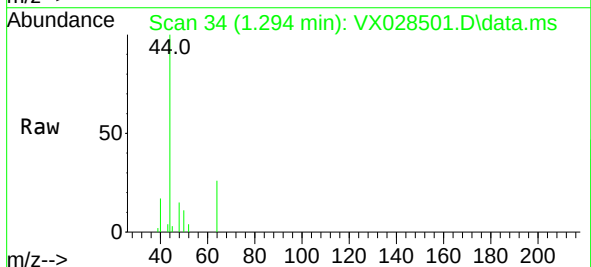
Instrument :
MSVOA_X
ClientSampleId :
EB-01-042922

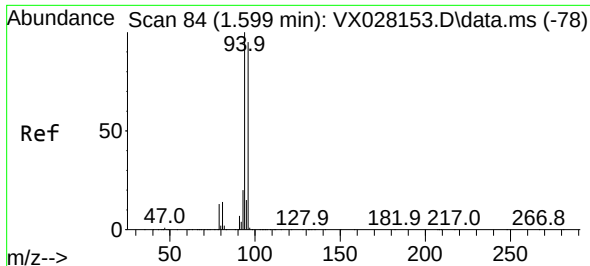
Tgt Ion:168 Resp: 372264
Ion Ratio Lower Upper
168 100
99 54.7 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

Tgt Ion: 50 Resp: 415
Ion Ratio Lower Upper
50 100
52 32.7 26.4 39.6

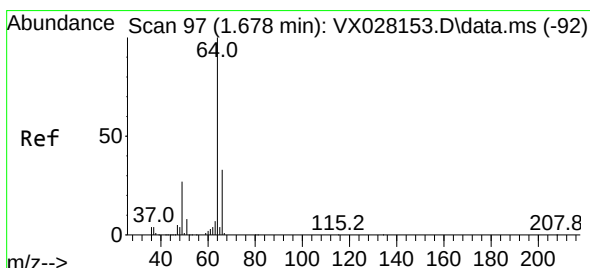
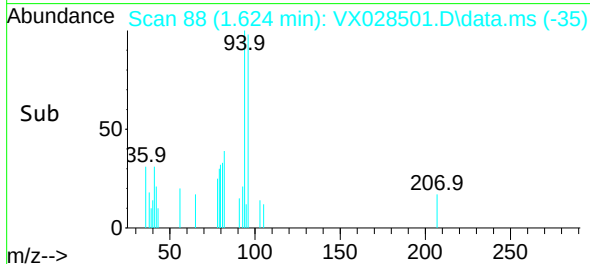
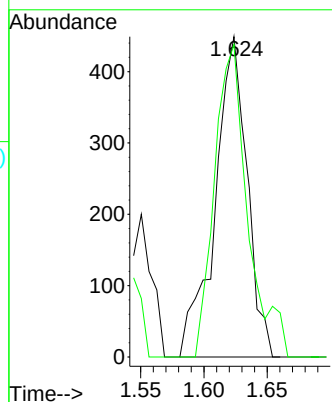
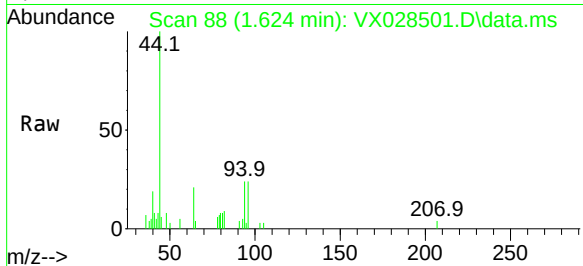




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 81
Delta R.T. 0.025 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

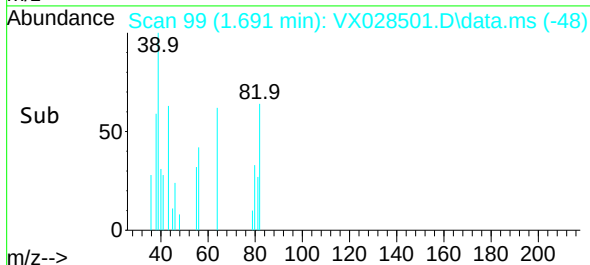
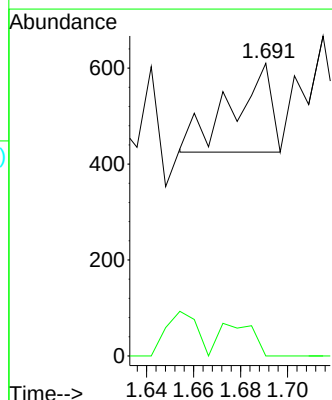
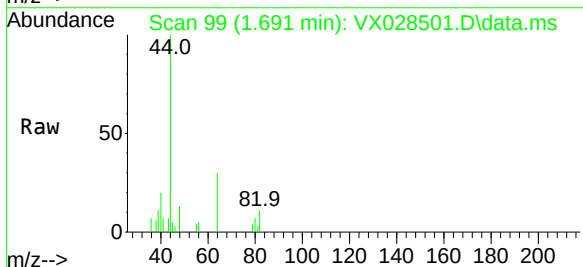
Instrument :
MSVOA_X
ClientSampleId :
EB-01-042922

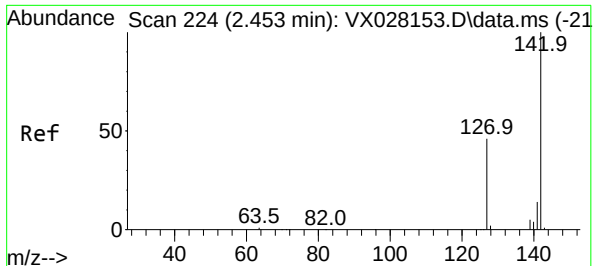
Tgt Ion: 94 Resp: 793
Ion Ratio Lower Upper
94 100
96 97.6 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

Tgt Ion: 64 Resp: 214
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

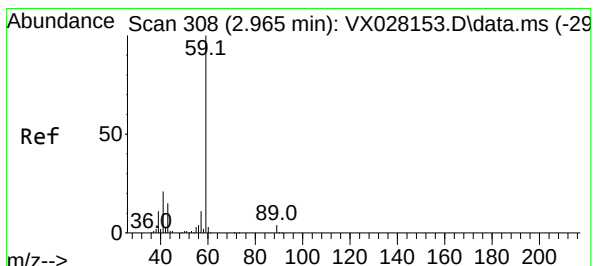
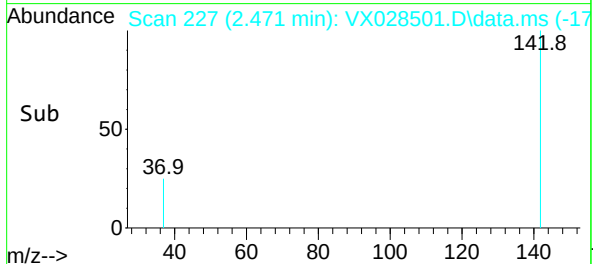
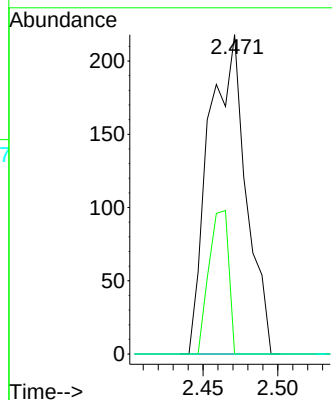
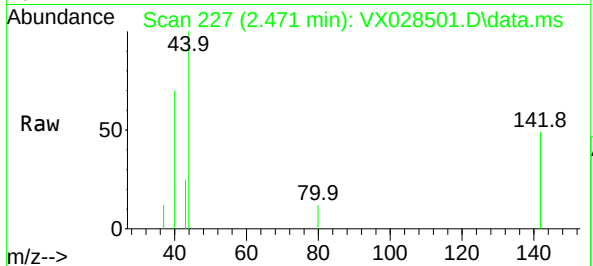




#10
Methyl Iodide
Concen: 5.316 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

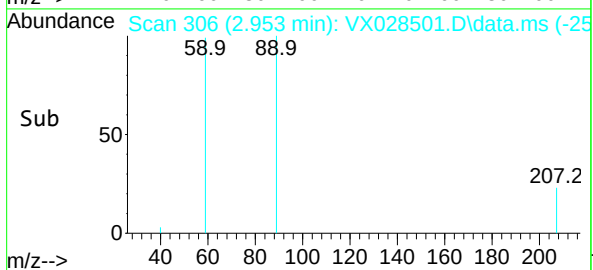
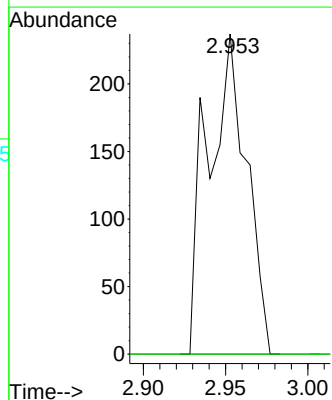
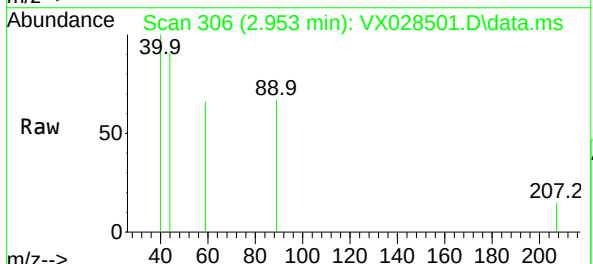
Instrument :
MSVOA_X
ClientSampleId :
EB-01-042922

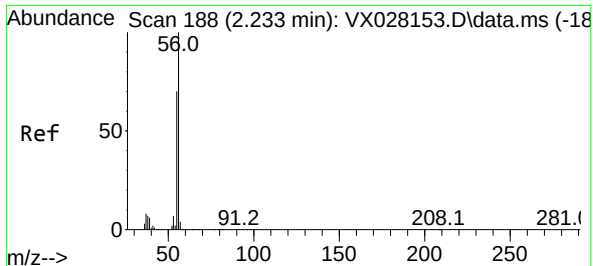
Tgt Ion:142 Resp: 377
Ion Ratio Lower Upper
142 100
127 23.9 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

Tgt Ion: 59 Resp: 387
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

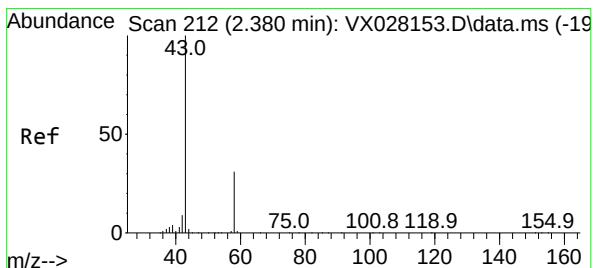
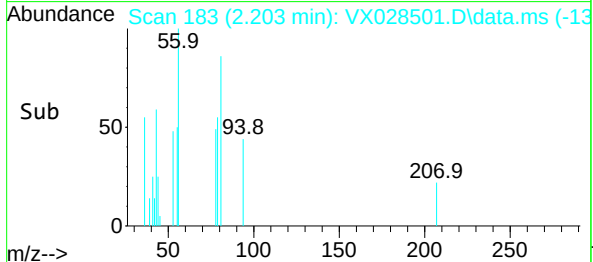
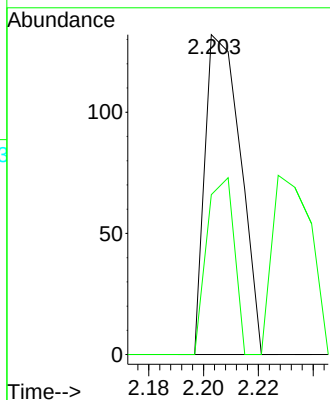
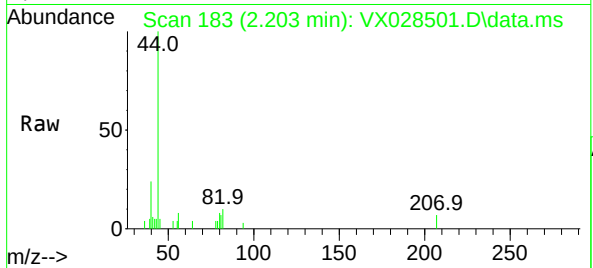




#13
Acrolein
Concen: 0.200 ug/l
RT: 2.203 min Scan# 119
Delta R.T. -0.030 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

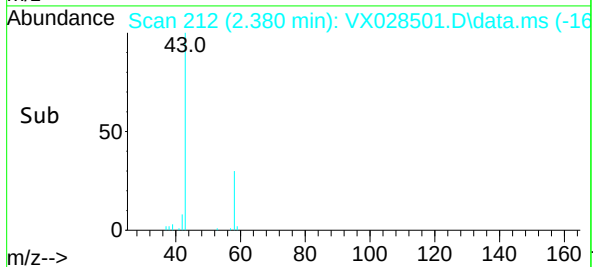
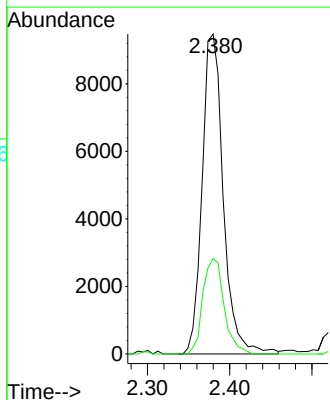
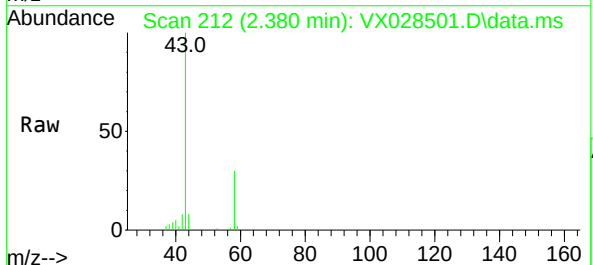
Instrument :
MSVOA_X
ClientSampleId :
EB-01-042922

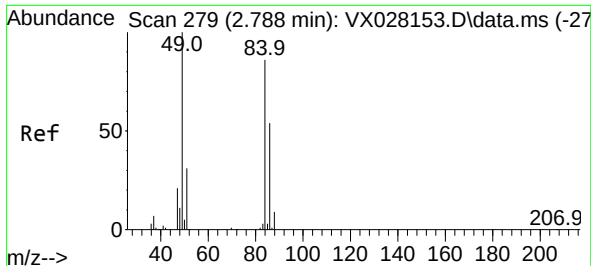
Tgt Ion: 56 Resp: 119
Ion Ratio Lower Upper
56 100
55 42.9 55.0 82.6#



#16
Acetone
Concen: 10.078 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

Tgt Ion: 43 Resp: 16927
Ion Ratio Lower Upper
43 100
58 29.8 28.8 43.2

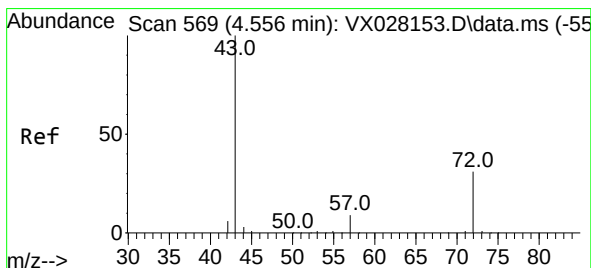
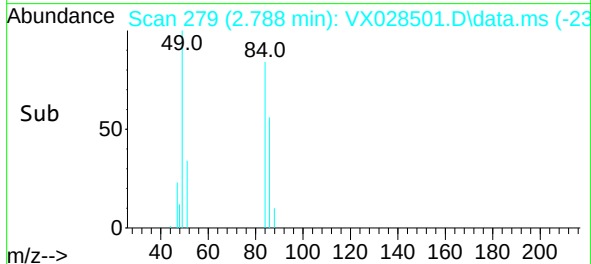
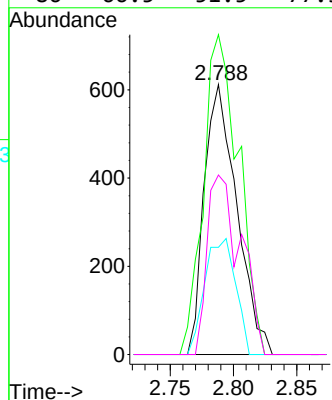
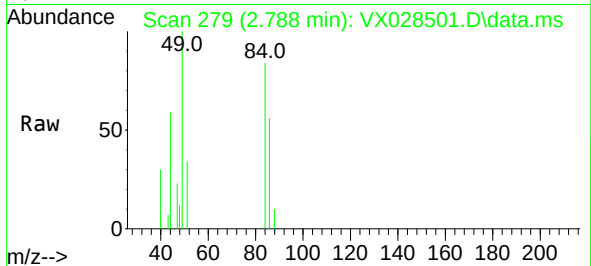




#20
Methylene Chloride
Concen: 0.305 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

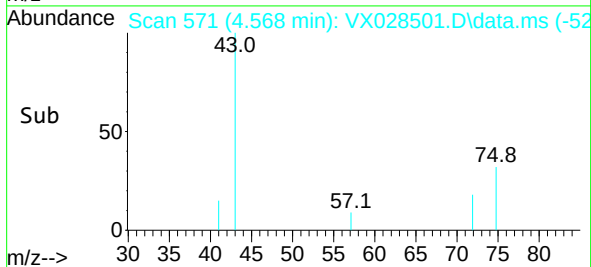
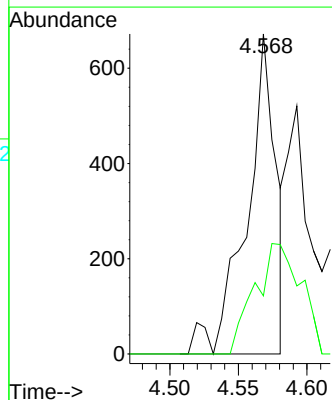
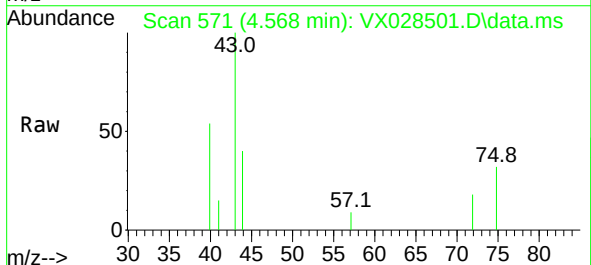
Instrument :
MSVOA_X
ClientSampleId :
EB-01-042922

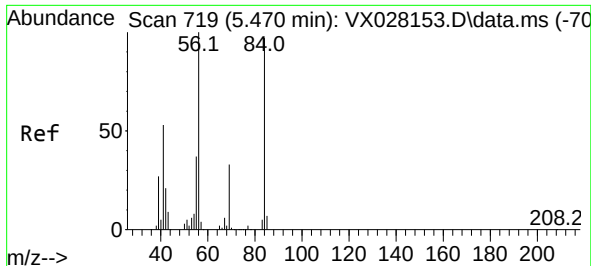
Tgt Ion:	84	Resp:	1098
Ion	Ratio	Lower	Upper
84	100		
49	118.5	85.5	128.3
51	39.7	26.6	39.8
86	66.5	51.5	77.3



#25
2-Butanone
Concen: 0.346 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

Tgt Ion:	43	Resp:	994
Ion	Ratio	Lower	Upper
43	100		
72	18.2	24.4	36.6#

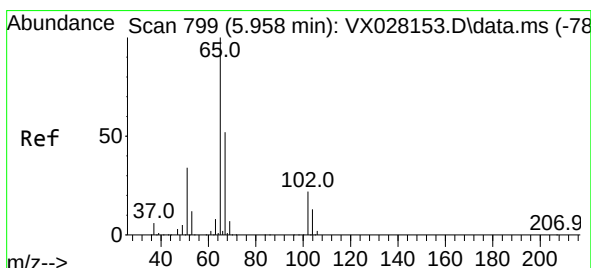
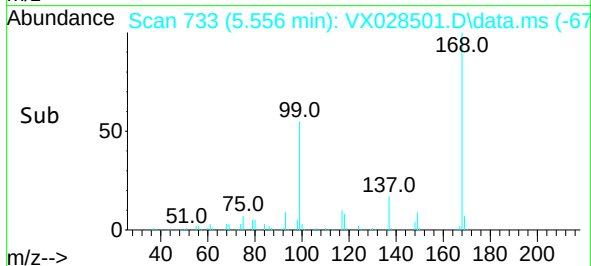
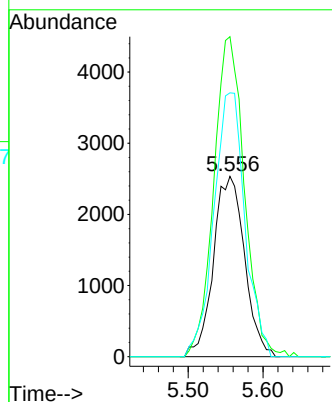
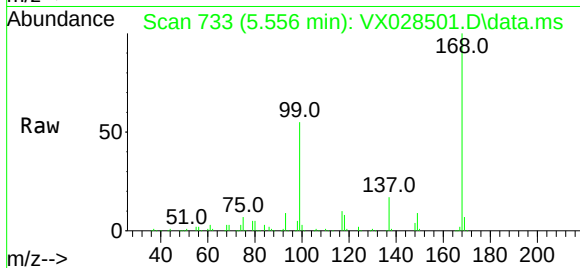




#31
Cyclohexane
Concen: 1.242 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

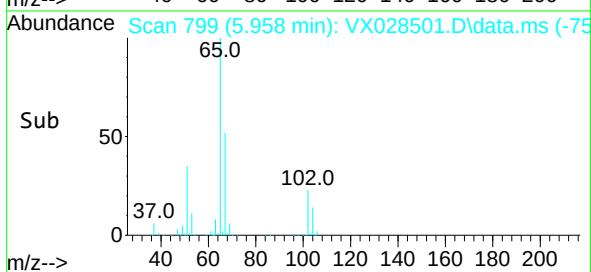
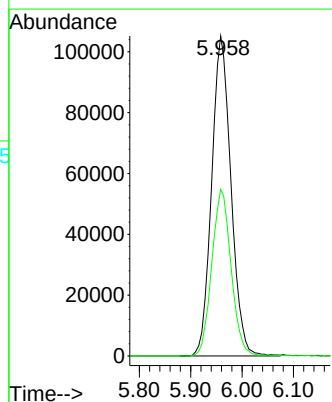
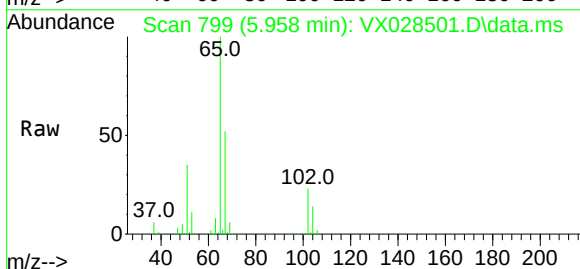
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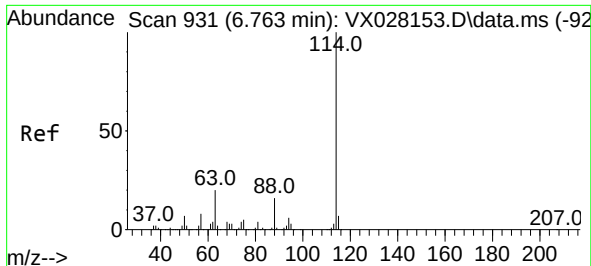
Tgt Ion: 56 Resp: 7347
Ion Ratio Lower Upper
56 100
69 177.4 26.7 40.1#
84 146.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 56.543 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

Tgt Ion: 65 Resp: 274454
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.4

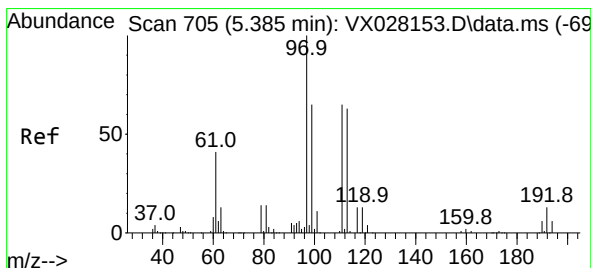
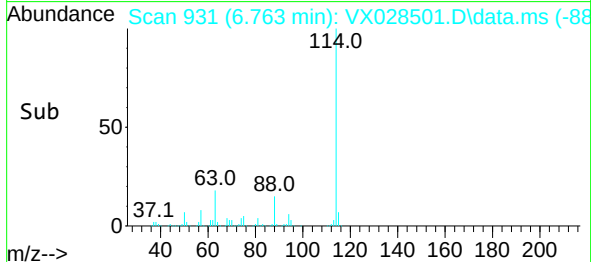
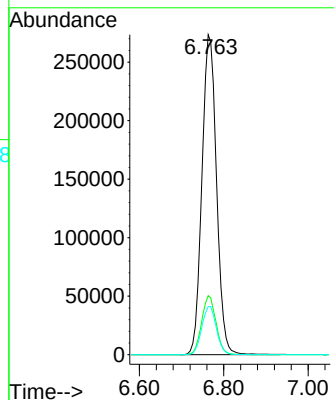
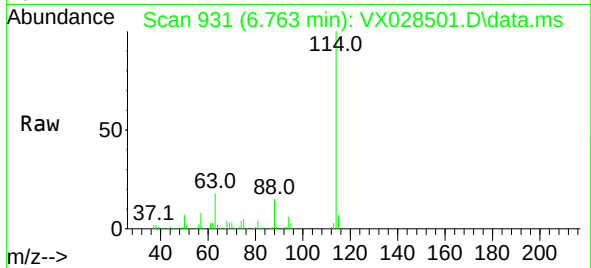




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX028501.D
 Acq: 03 May 2022 15:05

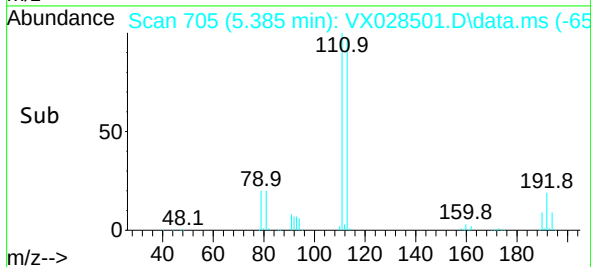
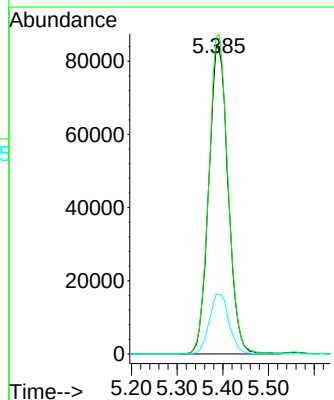
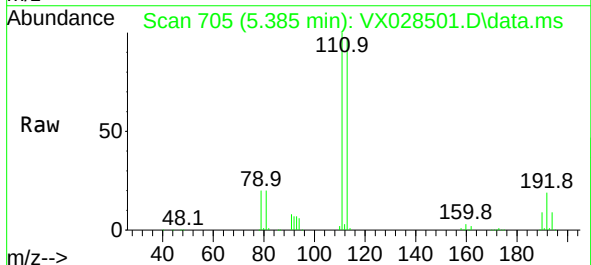
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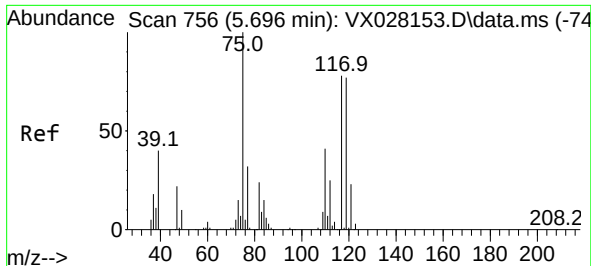
Tgt Ion:114 Resp: 659314
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 15.0 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 53.648 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX028501.D
 Acq: 03 May 2022 15:05

Tgt Ion:113 Resp: 248055
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 19.7 16.9 25.3

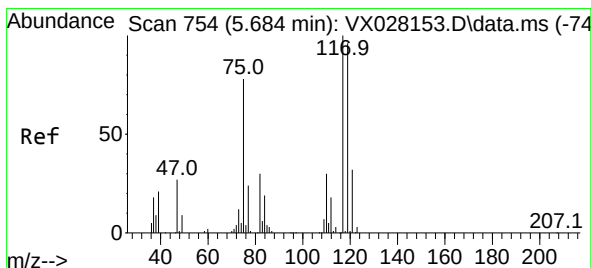
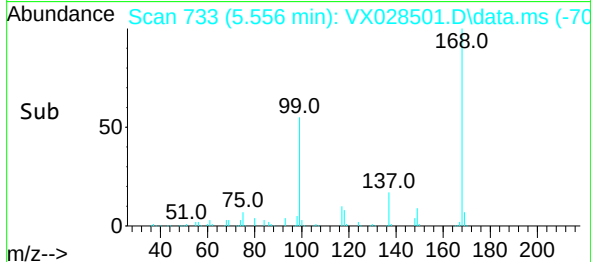
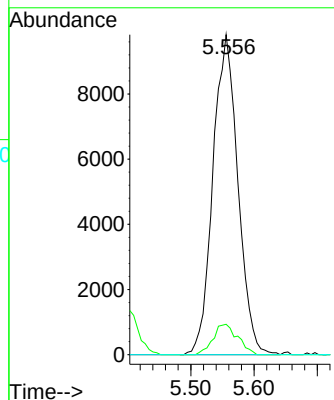
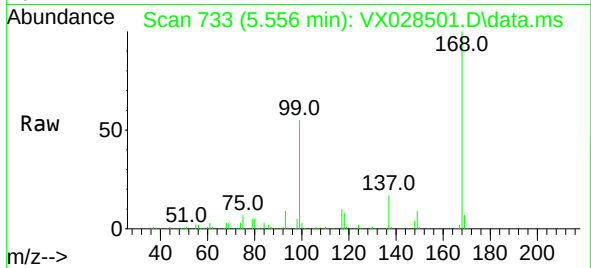




#36
1,1-Dichloropropene
Concen: 4.461 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

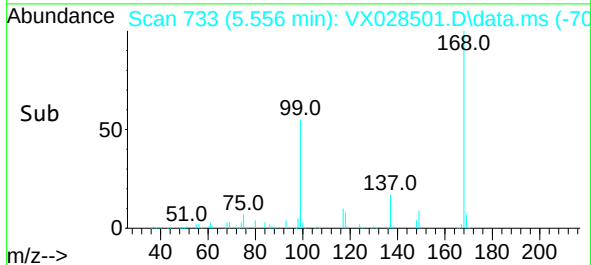
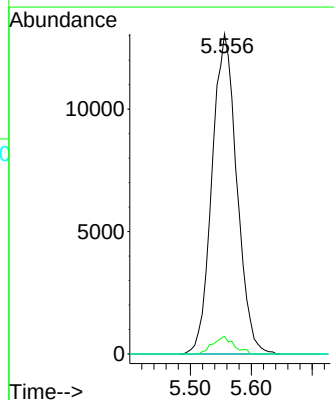
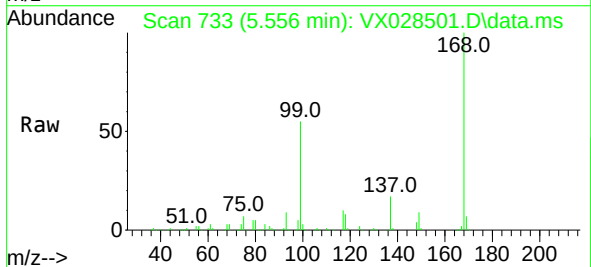
Instrument :
MSVOA_X
ClientSampleId :
EB-01-042922

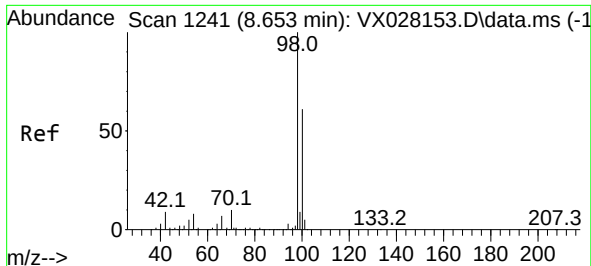
Tgt Ion: 75 Resp: 26905
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.434 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

Tgt Ion: 117 Resp: 37000
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 24.2 36.2#

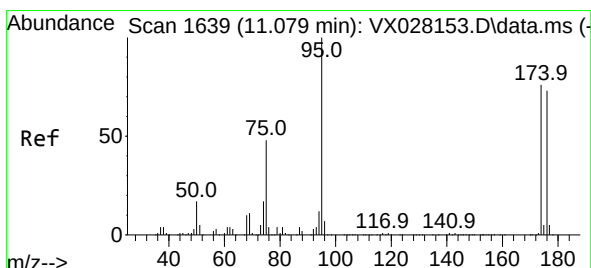
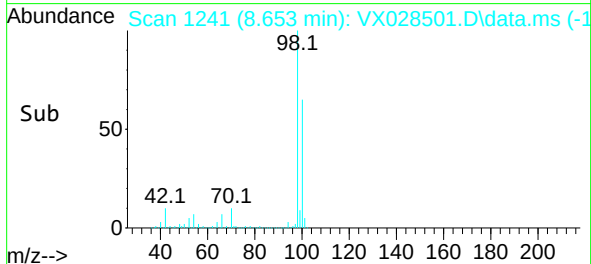
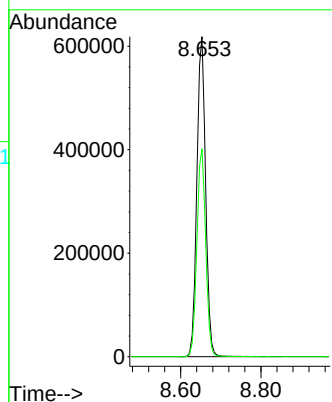
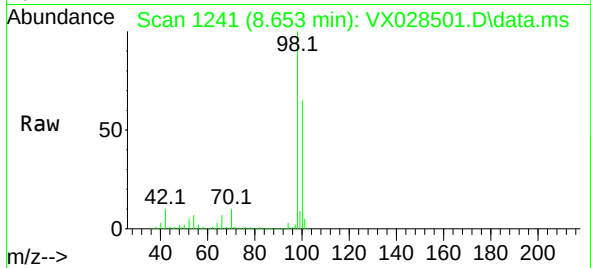




#50
Toluene-d8
Concen: 52.750 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

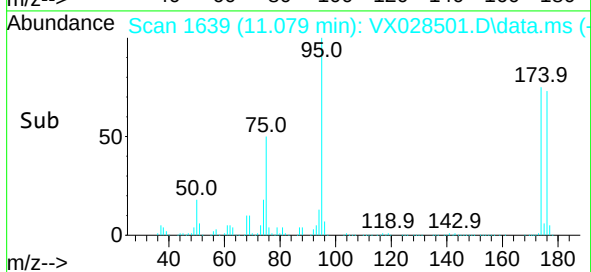
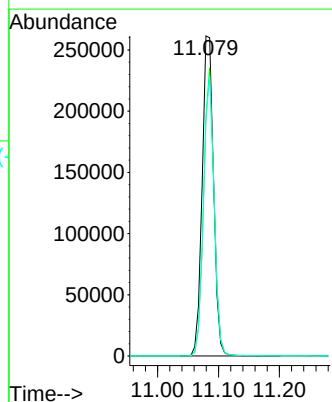
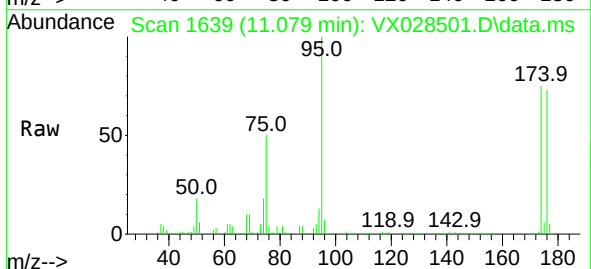
Instrument :
MSVOA_X
ClientSampleId :
EB-01-042922

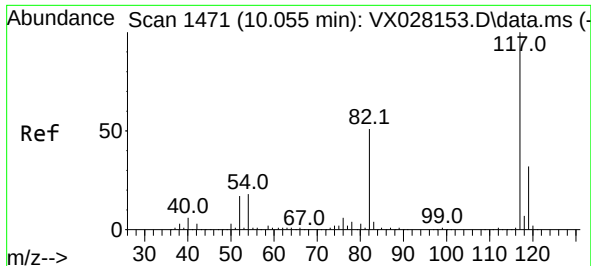
Tgt Ion: 98 Resp: 936781
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.929 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

Tgt Ion: 95 Resp: 339026
Ion Ratio Lower Upper
95 100
174 84.0 0.0 163.0
176 82.0 0.0 155.0

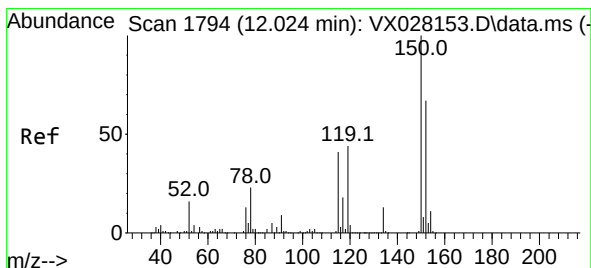
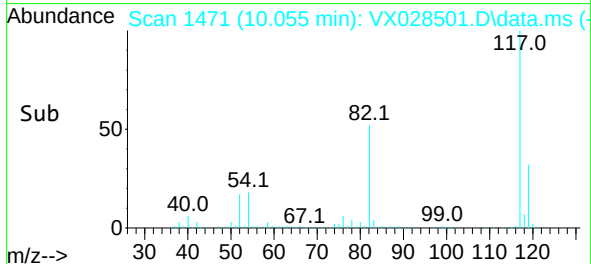
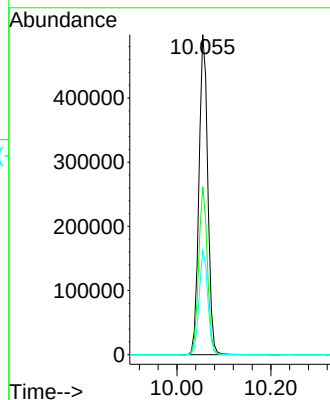
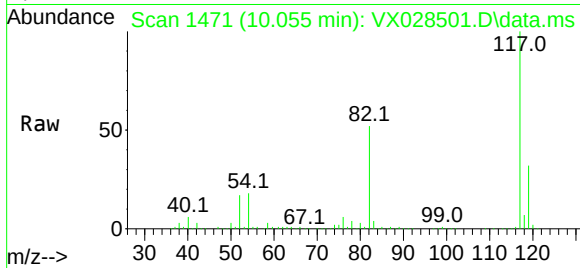




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

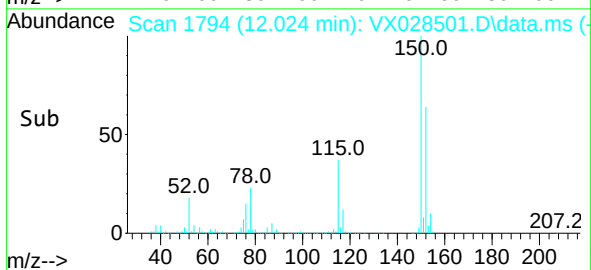
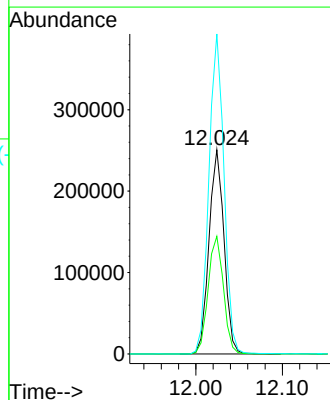
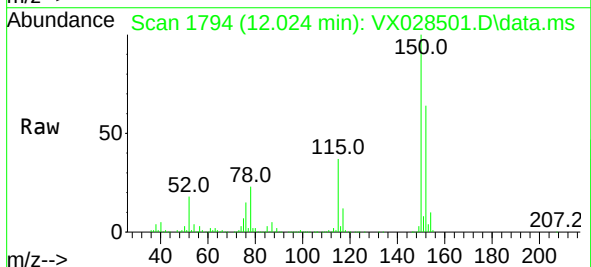
Instrument :
MSVOA_X
ClientSampleId :
EB-01-042922

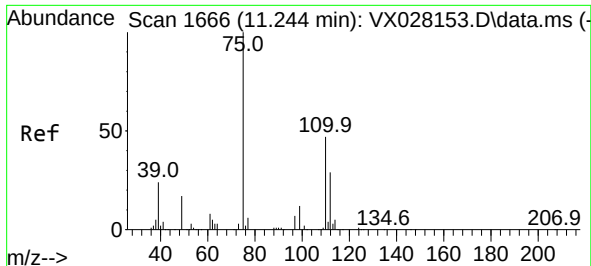
Tgt Ion:117 Resp: 652914
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.8
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

Tgt Ion:152 Resp: 302698
Ion Ratio Lower Upper
152 100
115 58.6 37.5 112.7
150 157.6 0.0 338.2

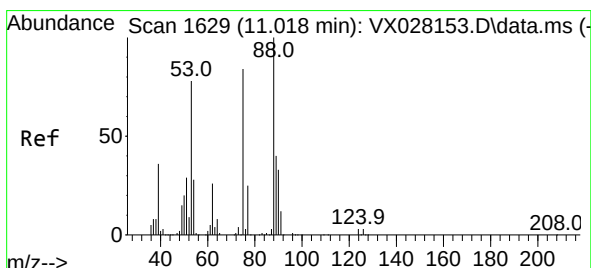
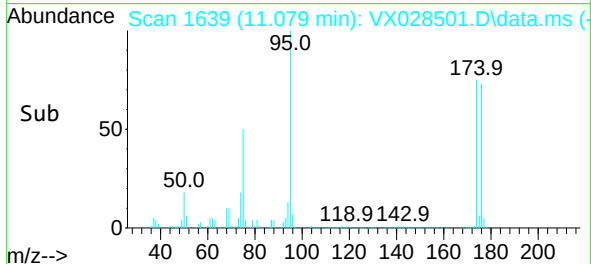
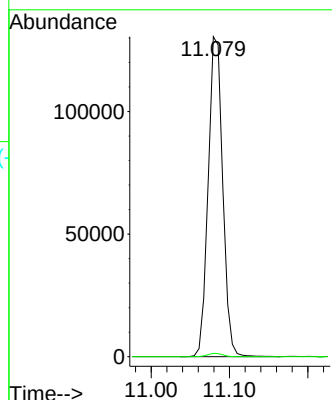
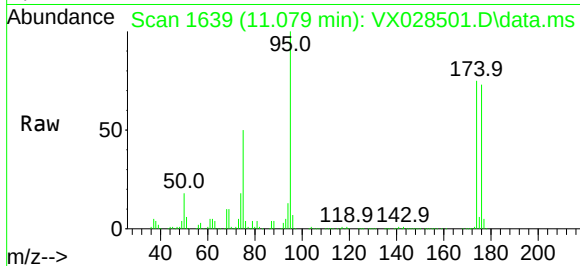




#76
1,2,3-Trichloropropane
Concen: 28.139 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

Instrument :
MSVOA_X
ClientSampleId :
EB-01-042922

Tgt Ion: 75 Resp: 167631
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.621 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028501.D
Acq: 03 May 2022 15:05

Tgt Ion: 75 Resp: 167631
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

