

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026167.D
 Acq On : 30 Dec 2021 14:50
 Operator : JC/MD
 Sample : M5132-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1RE

Quant Time: Dec 31 07:08:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

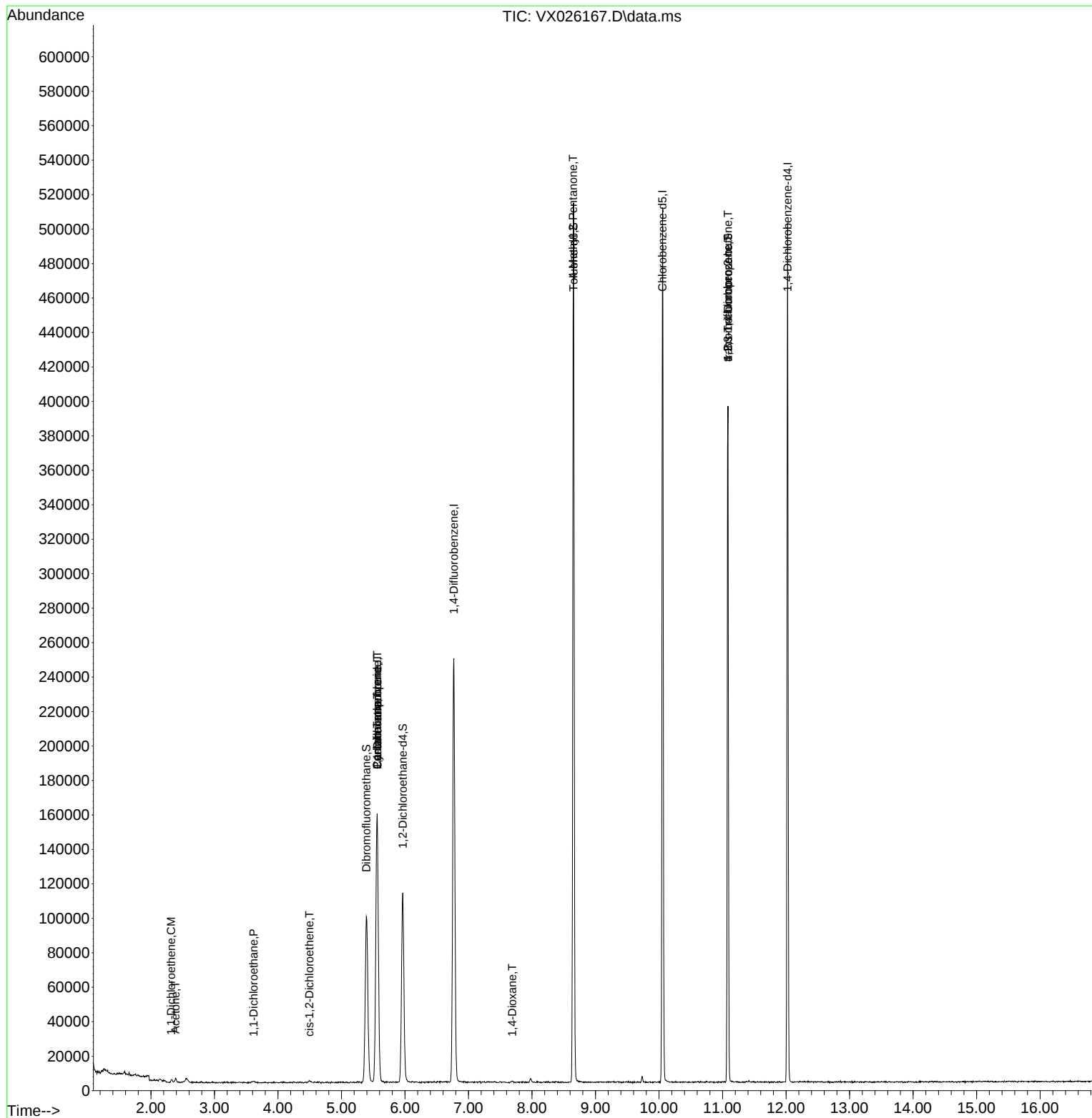
Internal Standards						
1) Pentafluorobenzene	5.562	168	139958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237504	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103370	51.052	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.100%
35) Dibromofluoromethane	5.391	113	80439	52.095	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.180%
50) Toluene-d8	8.653	98	280103	48.769	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.540%
62) 4-Bromofluorobenzene	11.085	95	97470	47.672	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.340%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	569	0.367	ug/l	85
16) Acetone	2.386	43	2733	2.491	ug/l	96
20) Methylene Chloride	2.788	84	143	Below Cal	#	61
24) 1,1-Dichloroethane	3.617	63	1011	0.319	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96	644	0.335	ug/l	93
31) Cyclohexane	5.562	56	3591	1.245	ug/l #	42
36) 1,1-Dichloropropene	5.562	75	12047	4.837	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14918	5.385	ug/l #	14
49) 1,4-Dioxane	7.690	88	436	10.482	ug/l #	81
51) 4-Methyl-2-Pentanone	8.647	43	1529	0.522	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	54554	24.698	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54554	71.451	ug/l #	10

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

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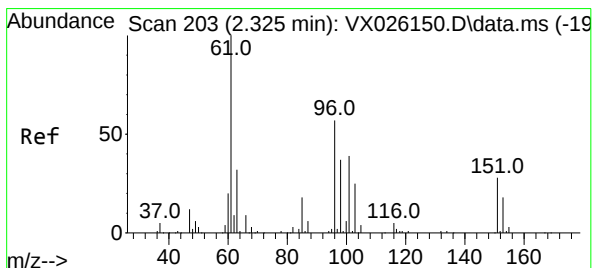
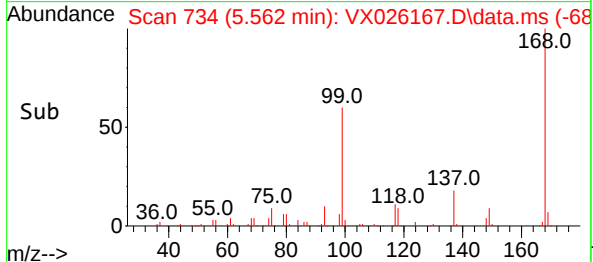
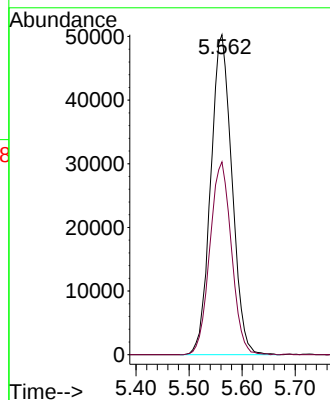
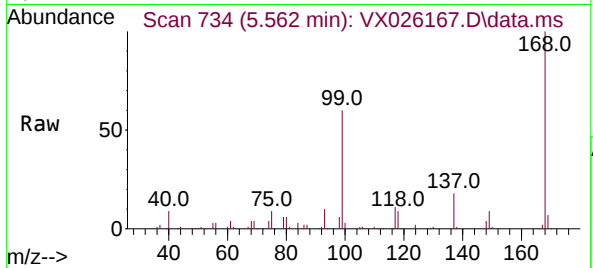




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026167.D
Acq: 30 Dec 2021 14:50

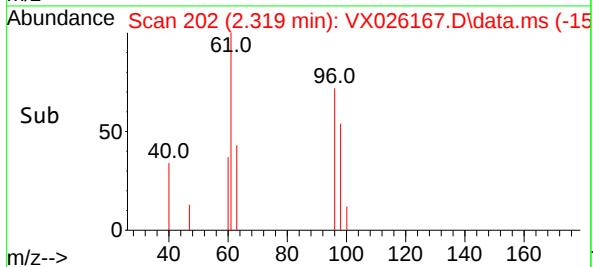
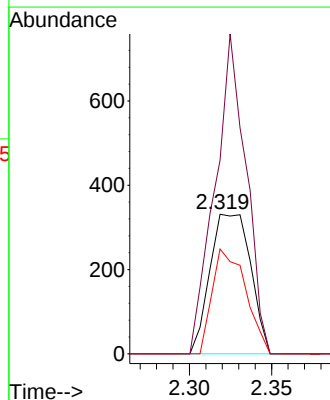
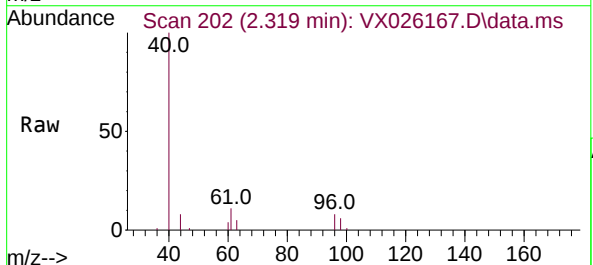
Instrument :
MSVOA_X
ClientSampleId :
DUP-1RE

Tgt Ion:168 Resp: 139958
Ion Ratio Lower Upper
168 100
99 60.2 45.8 68.8



#12
1,1-Dichloroethene
Concen: 0.367 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX026167.D
Acq: 30 Dec 2021 14:50

Tgt Ion: 96 Resp: 569
Ion Ratio Lower Upper
96 100
61 138.7 127.5 191.3
98 75.2 52.0 78.0

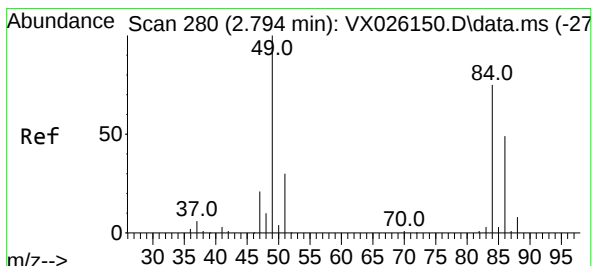
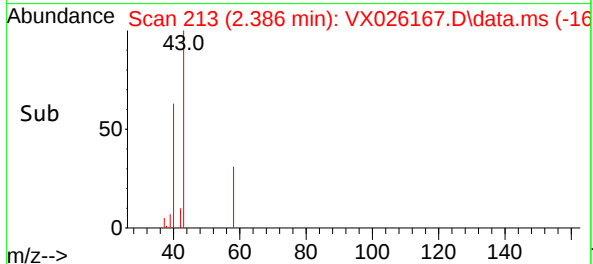
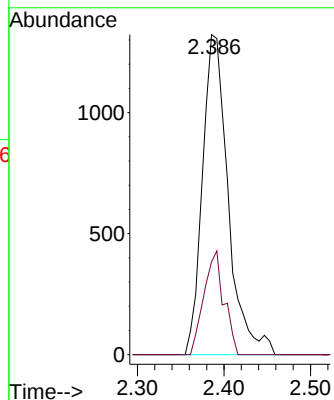
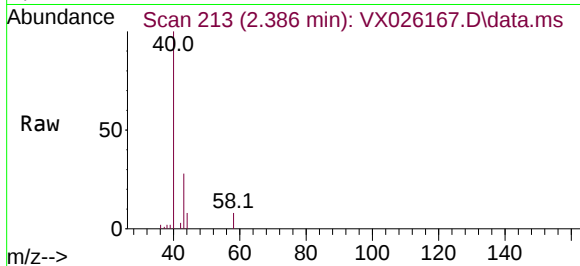




#16
Acetone
Concen: 2.491 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026167.D
Acq: 30 Dec 2021 14:50

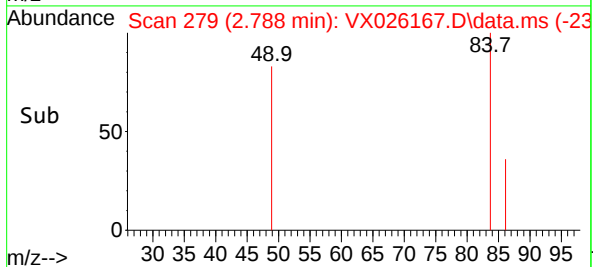
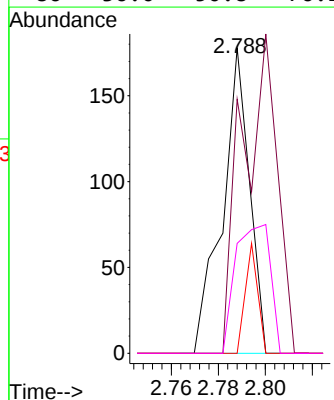
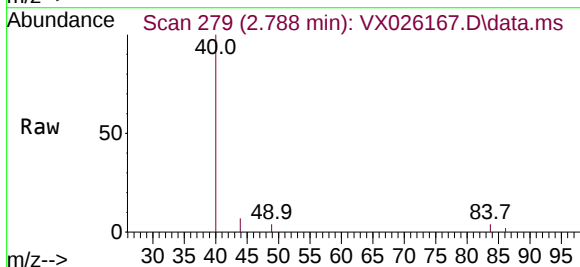
Instrument :
MSVOA_X
ClientSampleId :
DUP-1RE

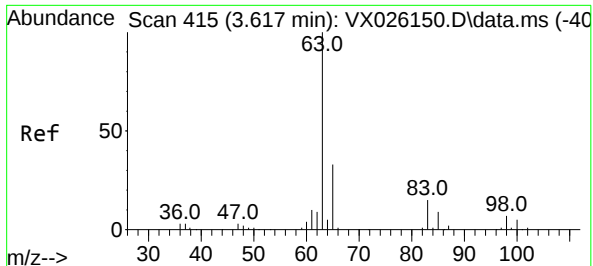
Tgt Ion: 43 Resp: 2733
Ion Ratio Lower Upper
43 100
58 29.0 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX026167.D
Acq: 30 Dec 2021 14:50

Tgt Ion: 84 Resp: 143
Ion Ratio Lower Upper
84 100
49 83.1 97.1 145.7#
51 0.0 29.3 43.9#
86 36.0 50.8 76.2#

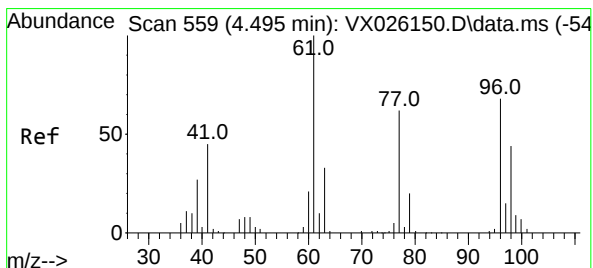
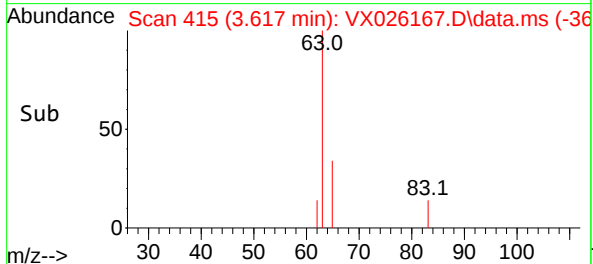
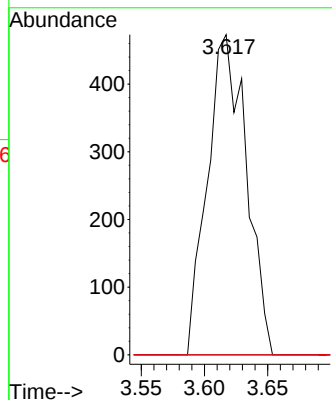
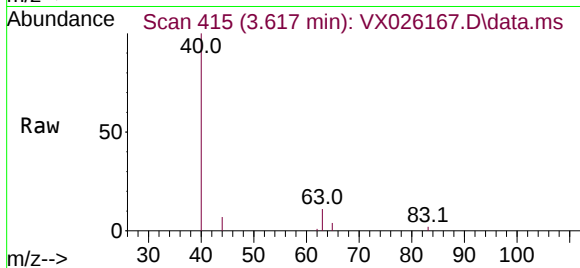




#24
 1,1-Dichloroethane
 Concen: 0.319 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.000 min
 Lab File: VX026167.D
 Acq: 30 Dec 2021 14:50

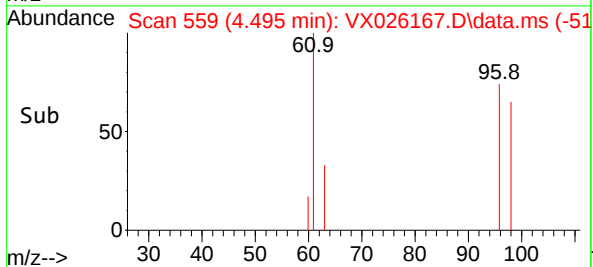
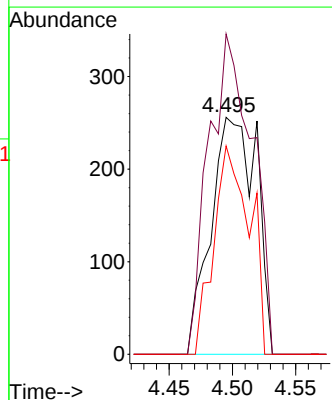
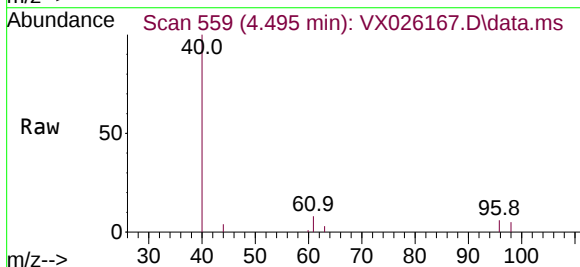
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1RE

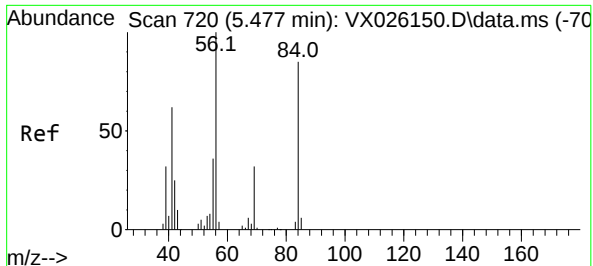
Tgt Ion: 63 Resp: 1011
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.2 6.6#



#27
 cis-1,2-Dichloroethene
 Concen: 0.335 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.000 min
 Lab File: VX026167.D
 Acq: 30 Dec 2021 14:50

Tgt Ion: 96 Resp: 644
 Ion Ratio Lower Upper
 96 100
 61 129.2 0.0 276.8
 98 68.9 0.0 130.6

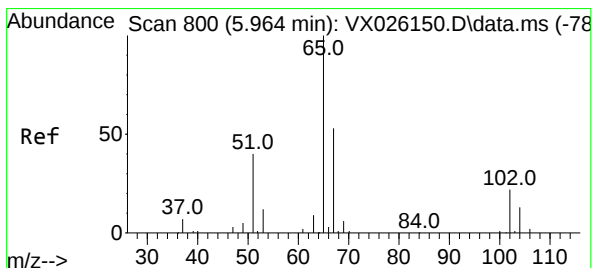
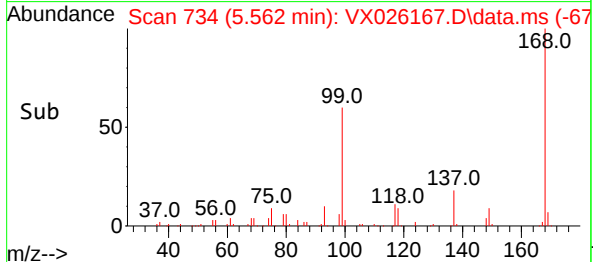
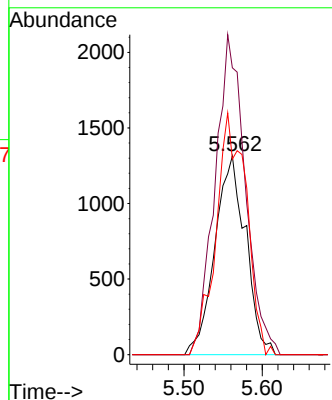
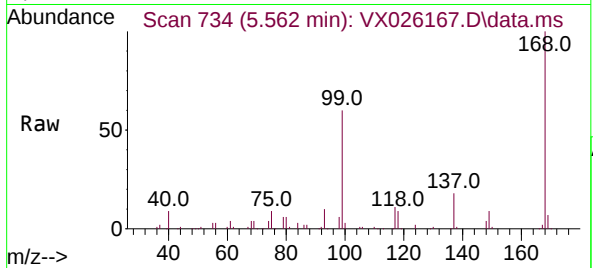




#31
Cyclohexane
Concen: 1.245 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX026167.D
Acq: 30 Dec 2021 14:50

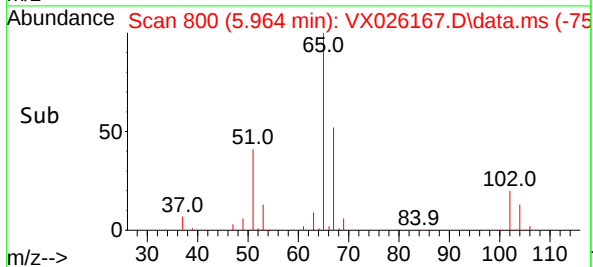
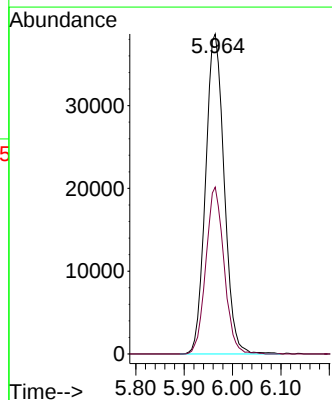
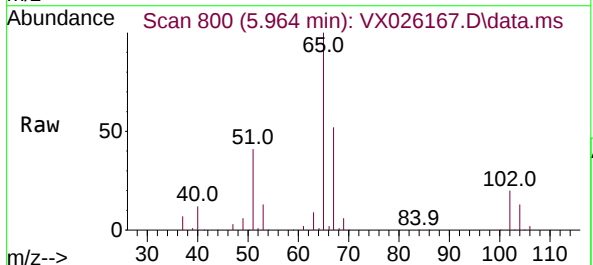
Instrument :
MSVOA_X
ClientSampleId :
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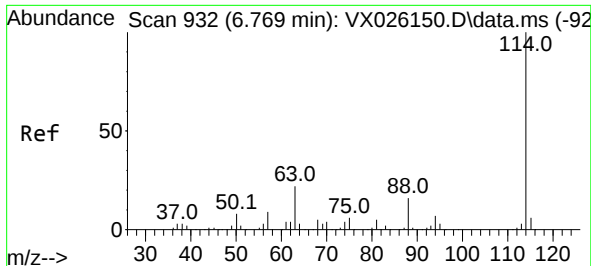
Tgt Ion: 56 Resp: 3591
Ion Ratio Lower Upper
56 100
69 144.4 23.9 35.9#
84 98.4 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 51.052 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026167.D
Acq: 30 Dec 2021 14:50

Tgt Ion: 65 Resp: 103370
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4

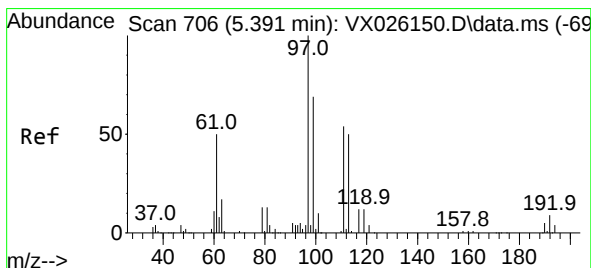
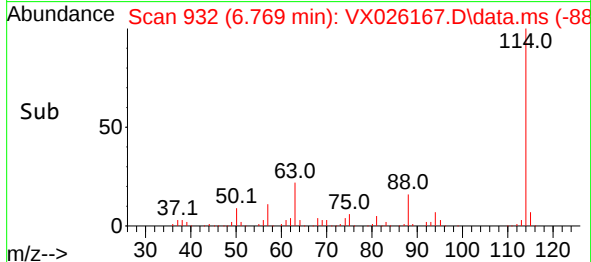
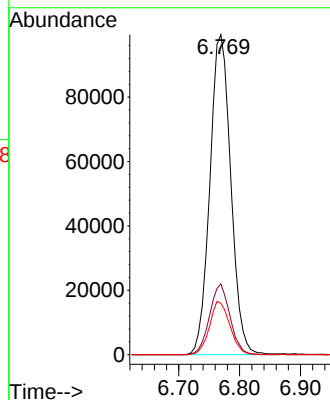
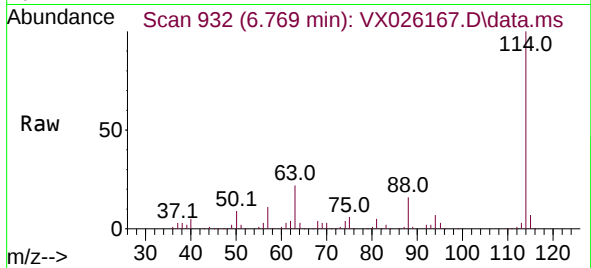




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026167.D
Acq: 30 Dec 2021 14:50

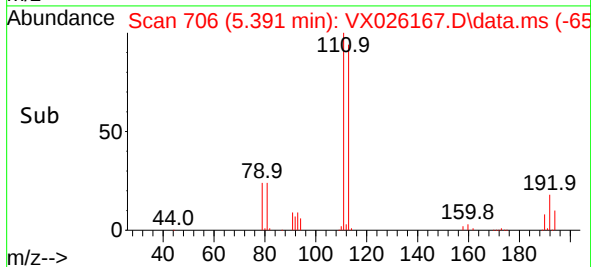
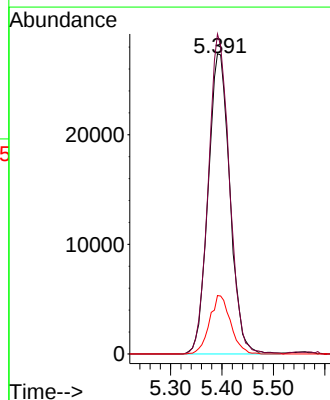
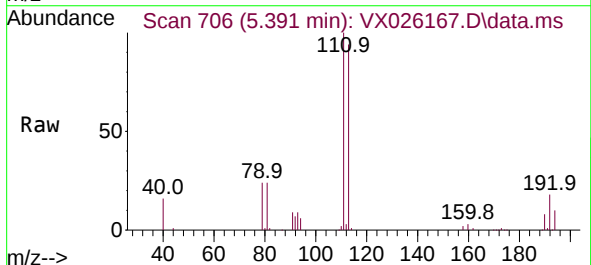
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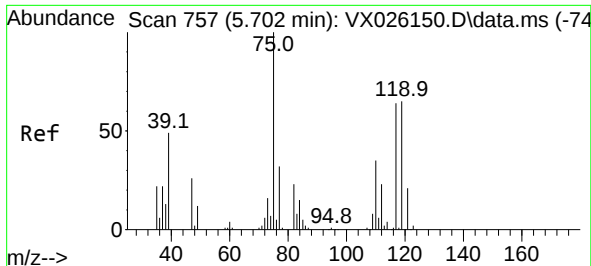
Tgt Ion:114 Resp: 237504
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.0
88 16.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.095 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026167.D
Acq: 30 Dec 2021 14:50

Tgt Ion:113 Resp: 80439
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 18.8 15.0 22.4

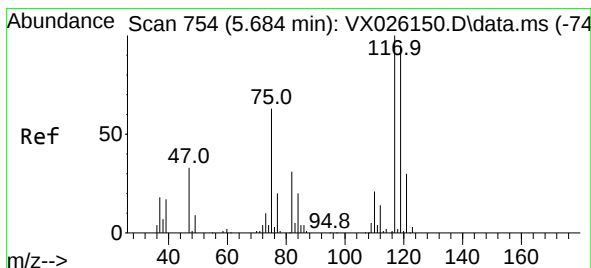
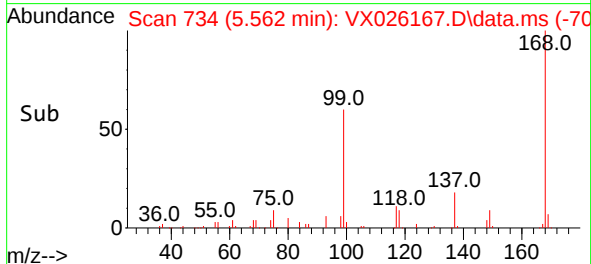
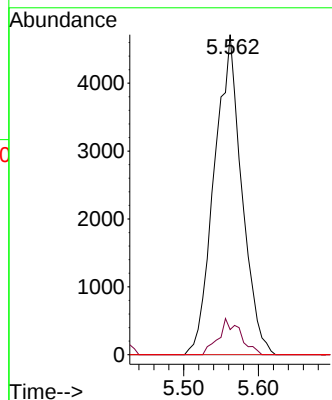
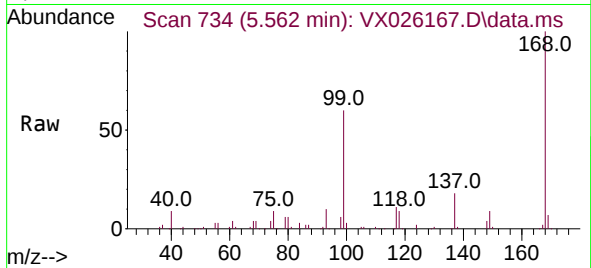




#36
1,1-Dichloropropene
Concen: 4.837 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX026167.D
Acq: 30 Dec 2021 14:50

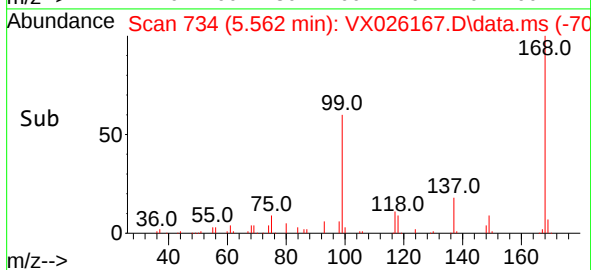
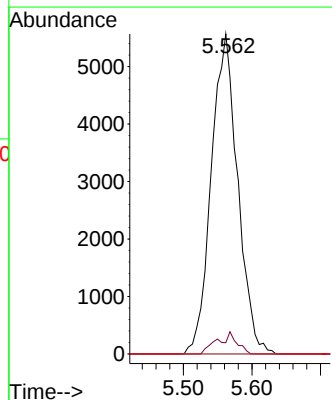
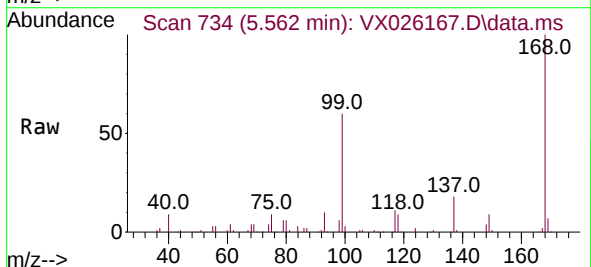
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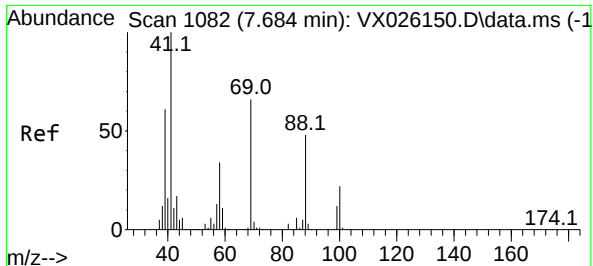
Tgt Ion: 75 Resp: 12047
Ion Ratio Lower Upper
75 100
110 9.0 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.385 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026167.D
Acq: 30 Dec 2021 14:50

Tgt Ion: 117 Resp: 14918
Ion Ratio Lower Upper
117 100
119 3.5 77.2 115.8#
121 0.0 23.8 35.8#





#49

1,4-Dioxane

Concen: 10.482 ug/l

RT: 7.690 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VX026167.D

Acq: 30 Dec 2021 14:50

Instrument :

MSVOA_X

ClientSampleId :

DUP-1RE

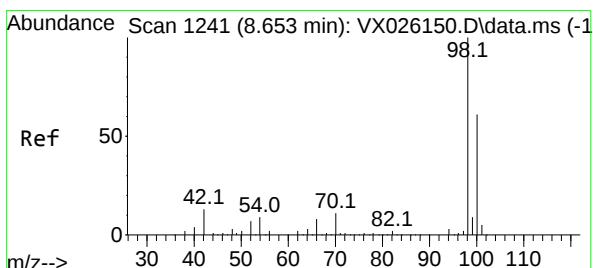
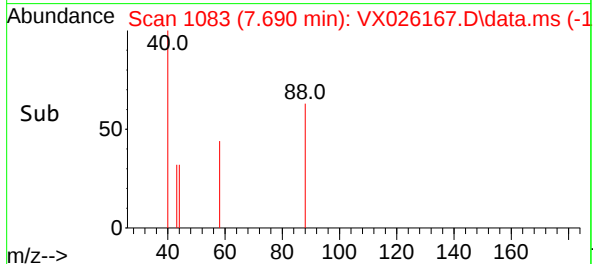
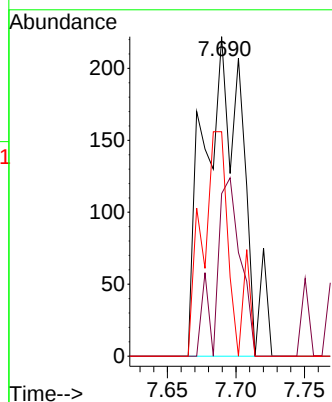
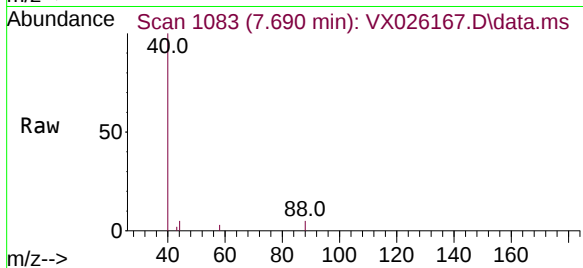
Tgt Ion: 88 Resp: 436

Ion Ratio Lower Upper

88 100

43 35.1 25.3 37.9

58 44.5 51.8 77.6#



#50

Toluene-d8

Concen: 48.769 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026167.D

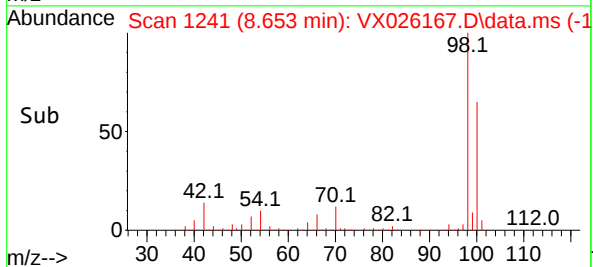
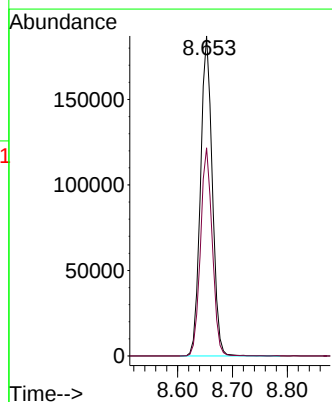
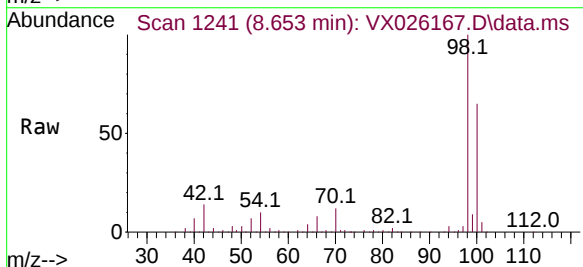
Acq: 30 Dec 2021 14:50

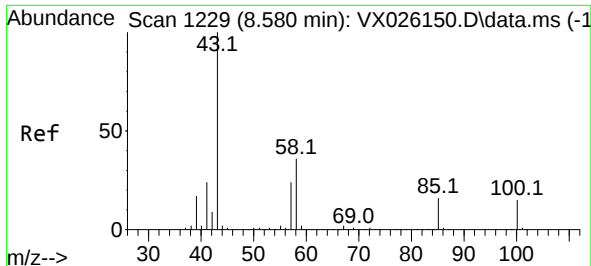
Tgt Ion: 98 Resp: 280103

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8

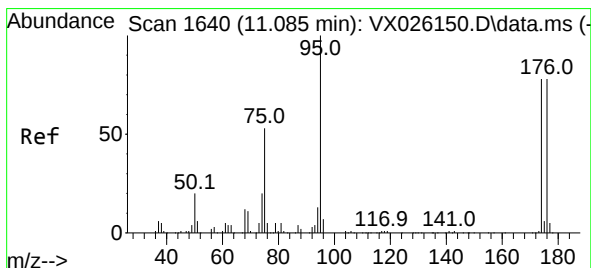
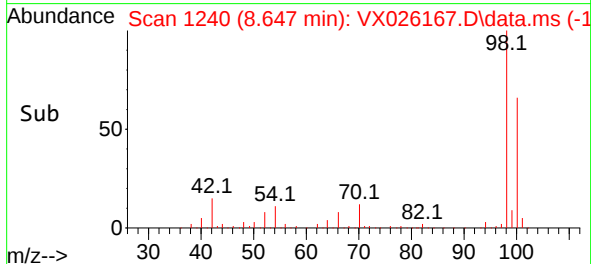
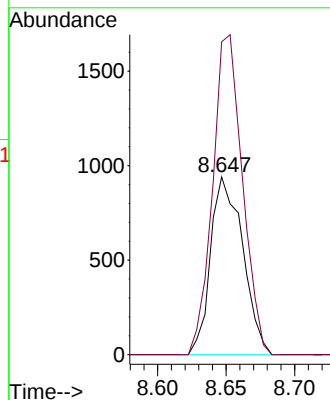
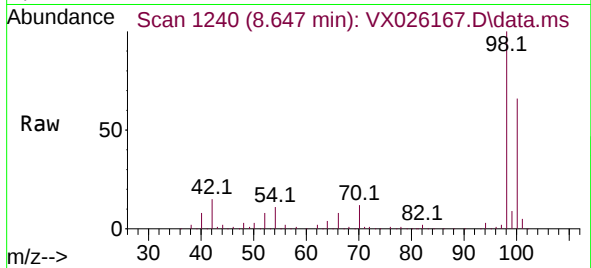




#51
4-Methyl-2-Pentanone
Concen: 0.522 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX026167.D
Acq: 30 Dec 2021 14:50

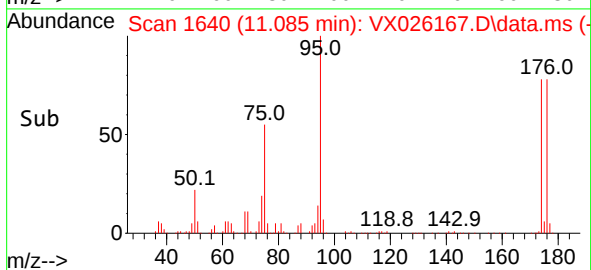
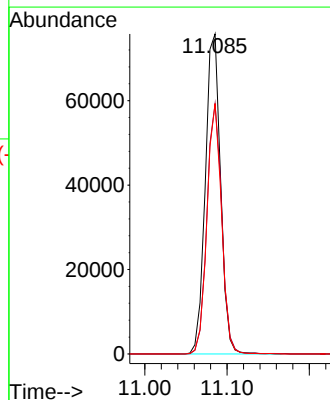
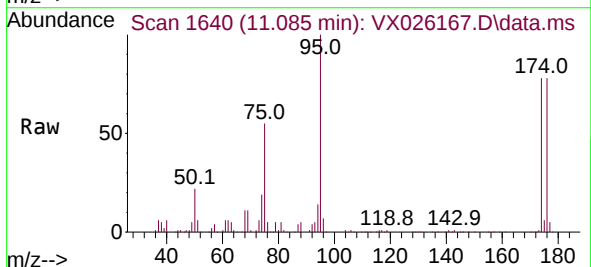
Instrument :
MSVOA_X
ClientSampleId :
DUP-1RE

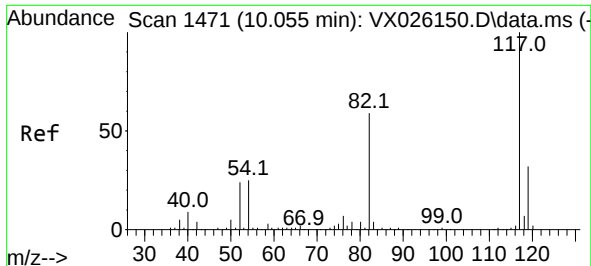
Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
58 167.4 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 47.672 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX026167.D
Acq: 30 Dec 2021 14:50

Tgt Ion: 95 Resp: 97470
Ion Ratio Lower Upper
95 100
174 76.3 0.0 157.4
176 74.9 0.0 154.6

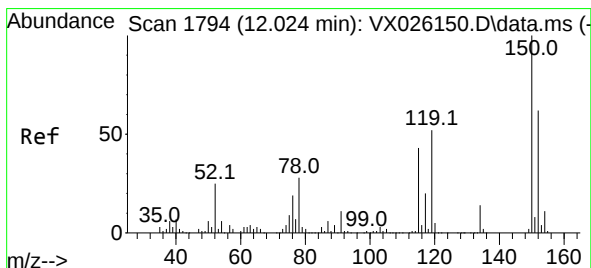
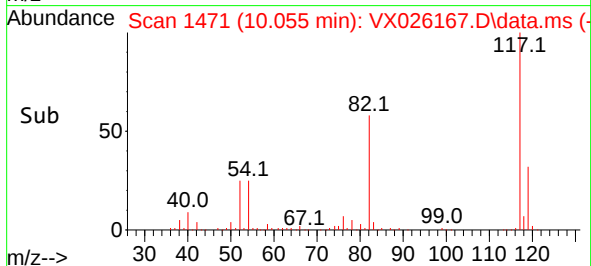
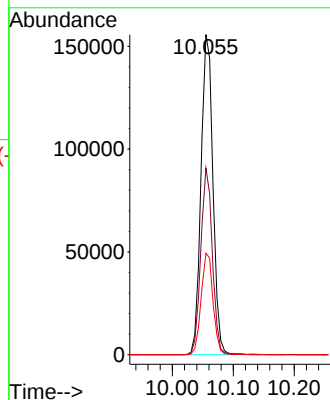
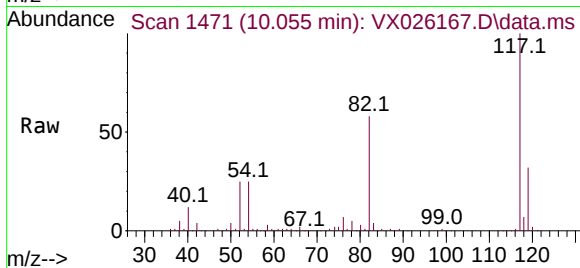




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026167.D
Acq: 30 Dec 2021 14:50

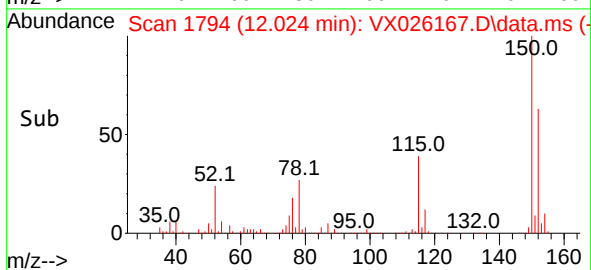
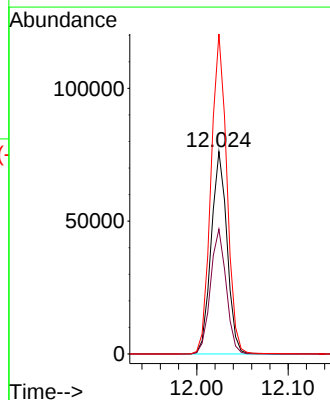
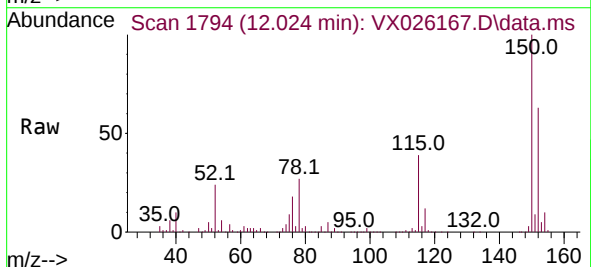
Instrument :
MSVOA_X
ClientSampleId :
DUP-1RE

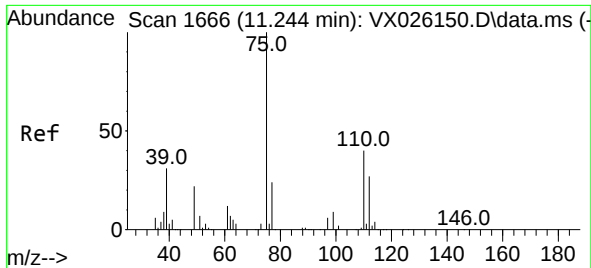
Tgt Ion:117 Resp: 211304
Ion Ratio Lower Upper
117 100
82 58.3 43.8 65.6
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026167.D
Acq: 30 Dec 2021 14:50

Tgt Ion:152 Resp: 91512
Ion Ratio Lower Upper
152 100
115 61.0 41.3 123.9
150 158.1 0.0 351.8

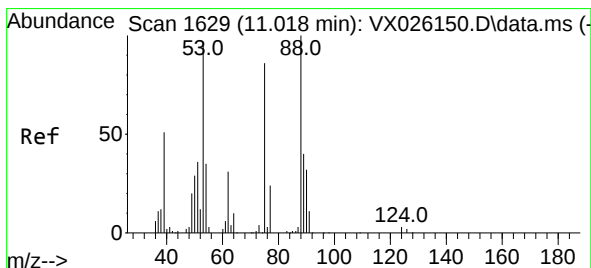
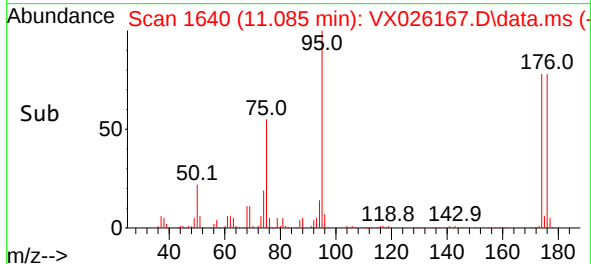
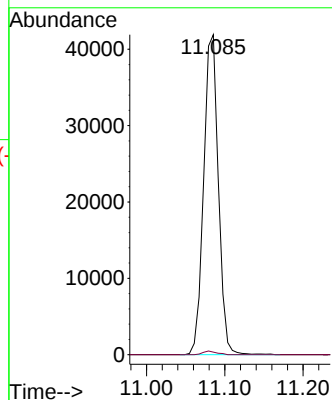
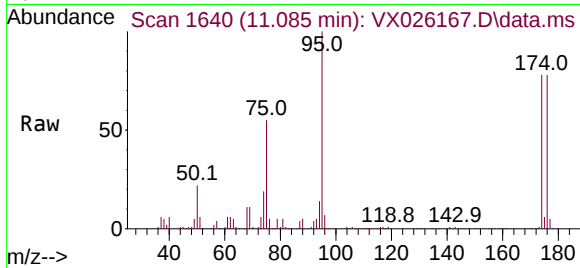




#76
1,2,3-Trichloropropane
Concen: 24.698 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX026167.D
Acq: 30 Dec 2021 14:50

Instrument :
MSVOA_X
ClientSampleId :
DUP-1RE

Tgt Ion: 75 Resp: 54554
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.451 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX026167.D
Acq: 30 Dec 2021 14:50

Tgt Ion: 75 Resp: 54554
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

