

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029049.D
 Acq On : 28 May 2022 02:06
 Operator : JC/MD
 Sample : N3022-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20220525

Quant Time: May 28 08:37:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

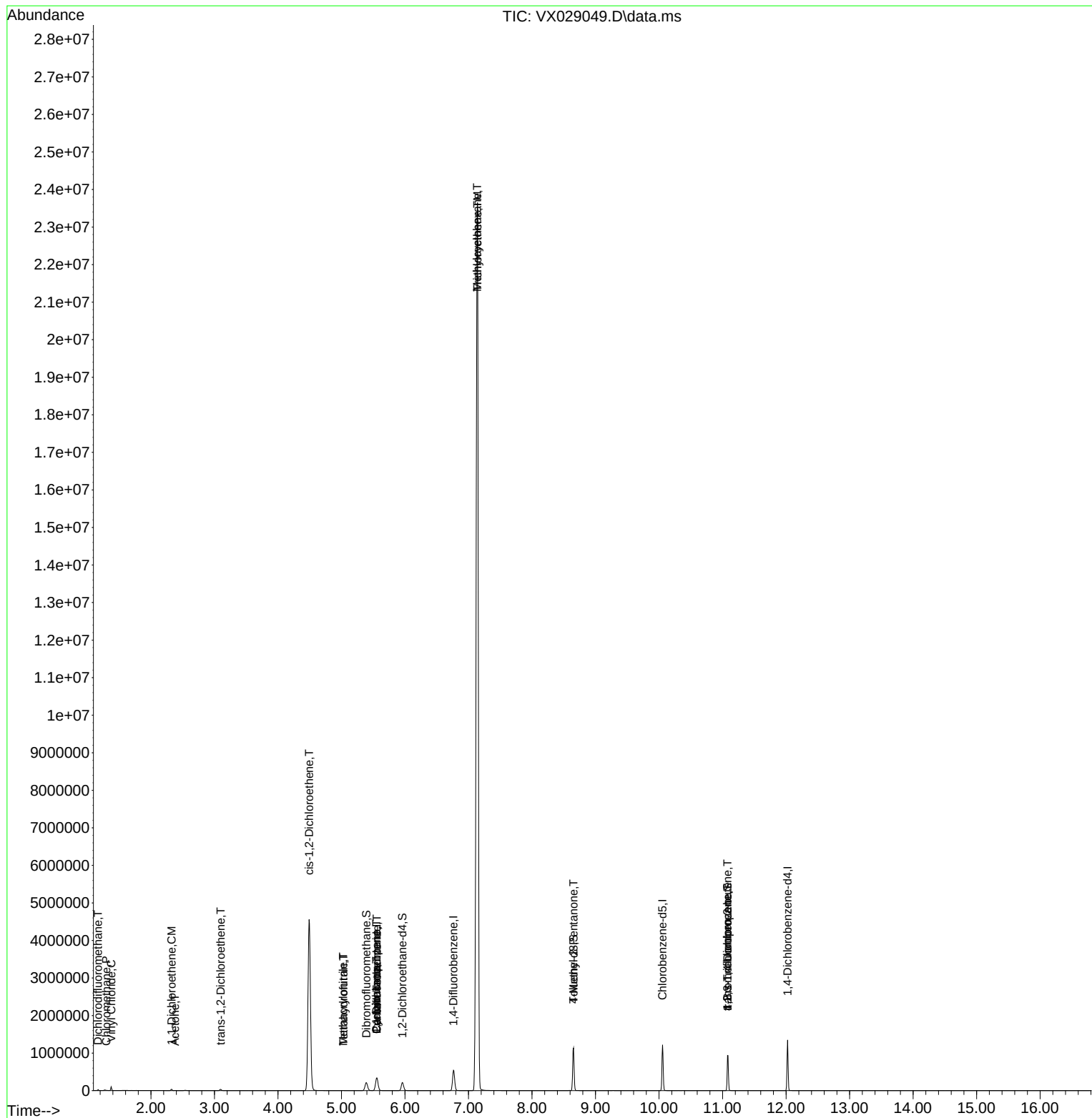
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	329863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	581215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	567300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	275390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	209802	46.399	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.800%
35) Dibromofluoromethane	5.391	113	189860	49.858	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.720%
50) Toluene-d8	8.653	98	695565	48.448	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.900%
62) 4-Bromofluorobenzene	11.079	95	279175	52.061	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12817	2.967	ug/l	99
3) Chloromethane	1.294	50	980	0.241	ug/l #	72
4) Vinyl Chloride	1.374	62	58888	13.434	ug/l	99
5) Bromomethane	1.611	94	1292	Below Cal		90
6) Chloroethane	1.685	64	405	Below Cal	#	74
11) Tert butyl alcohol	2.941	59	210	Below Cal	#	72
12) 1,1-Dichloroethene	2.325	96	12571	3.682	ug/l	88
16) Acetone	2.380	43	2969	1.530	ug/l #	83
21) trans-1,2-Dichloroethene	3.099	96	15203	3.954	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	3054772	680.160	ug/l	86
29) Tetrahydrofuran	5.032	42	1650	0.833	ug/l #	84
31) Cyclohexane	5.550	56	5993	0.955	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	23738	4.150	ug/l #	50
38) Carbon Tetrachloride	5.556	117	32690	5.679	ug/l #	16
39) Methylcyclohexane	7.135	83	129130	19.687	ug/l #	1
41) Methacrylonitrile	5.025	41	1108	0.346	ug/l #	37
44) Trichloroethene	7.141	130	10154171	2277.688	ug/l	97
51) 4-Methyl-2-Pentanone	8.653	43	2526	0.410	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	135079	20.945	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	135079	61.516	ug/l #	15

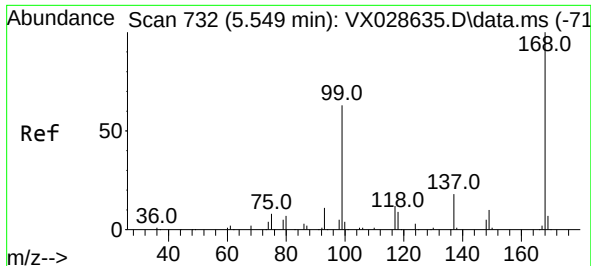
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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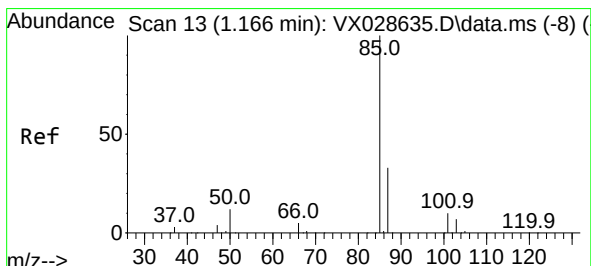
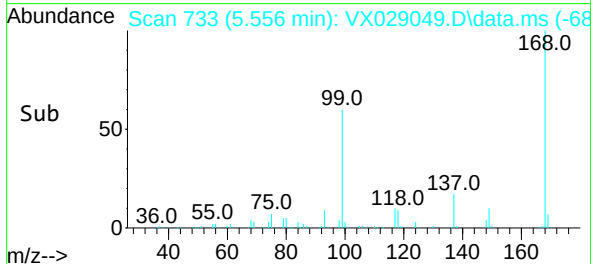
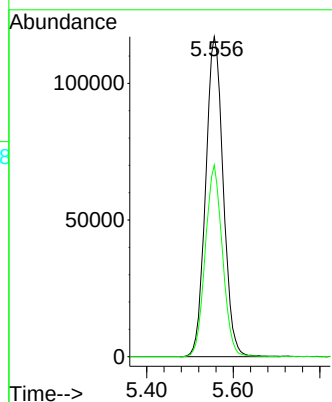
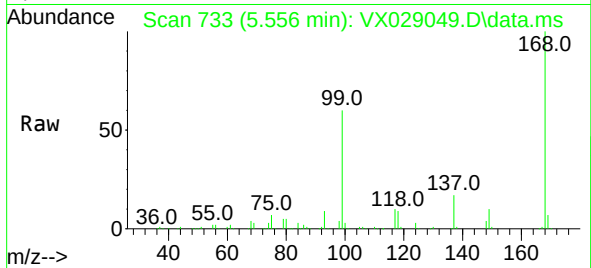




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

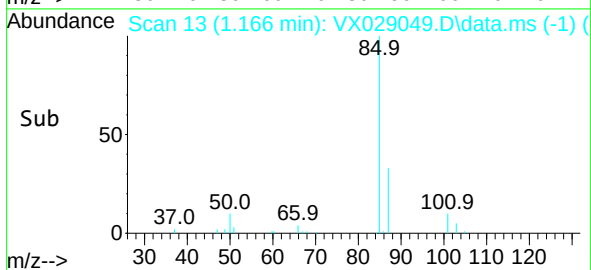
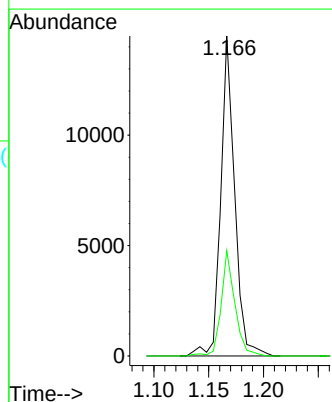
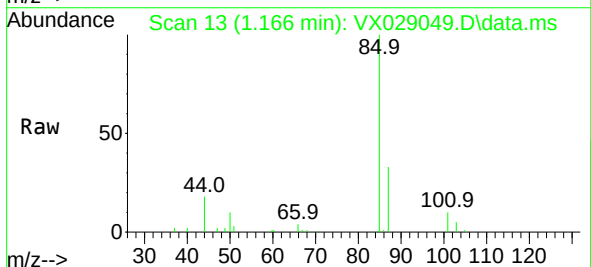
Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

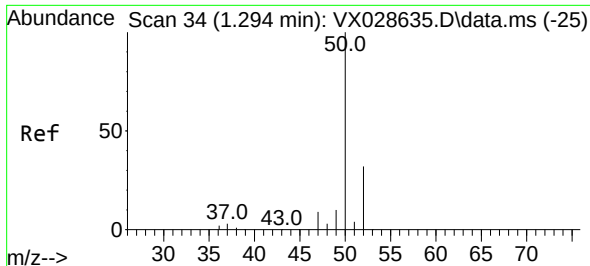
Tgt Ion:168 Resp: 329863
Ion Ratio Lower Upper
168 100
99 59.9 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 2.967 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion: 85 Resp: 12817
Ion Ratio Lower Upper
85 100
87 32.9 16.2 48.6

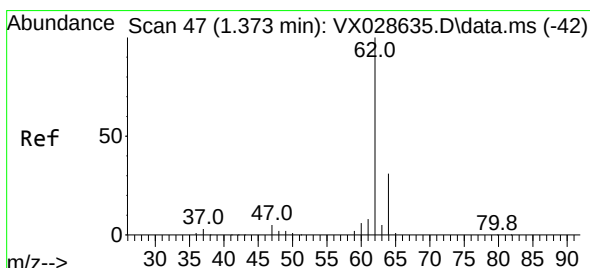
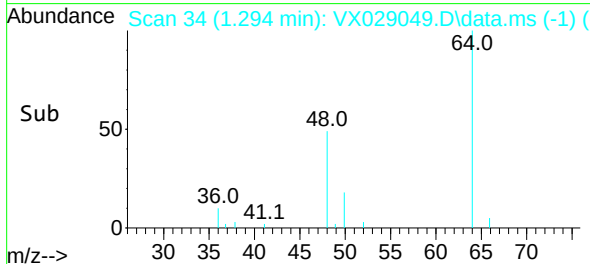
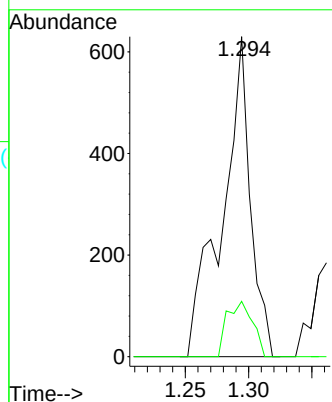
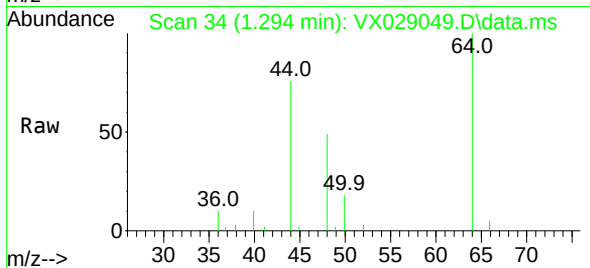




#3
Chloromethane
Concen: 0.241 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

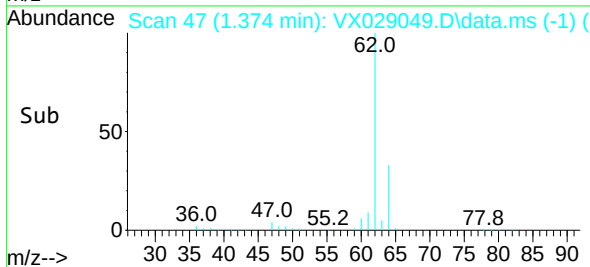
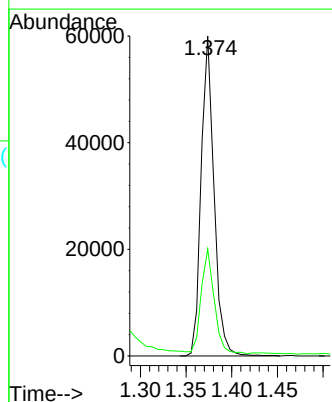
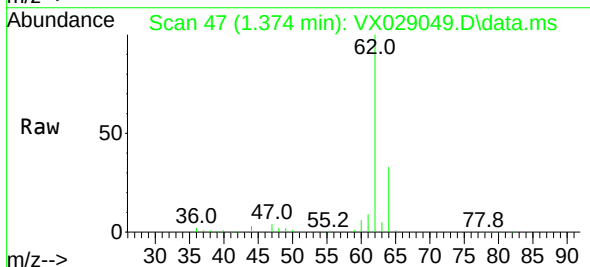
Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

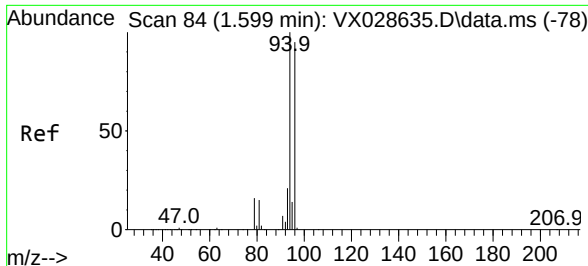
Tgt Ion: 50 Resp: 980
Ion Ratio Lower Upper
50 100
52 17.3 26.4 39.6#



#4
Vinyl Chloride
Concen: 13.434 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion: 62 Resp: 58888
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3

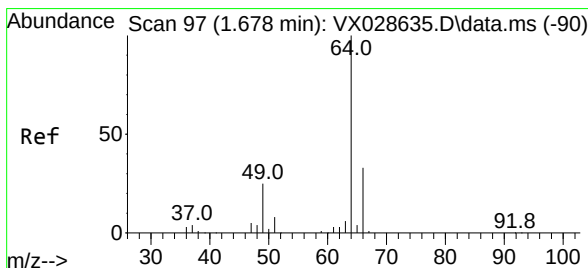
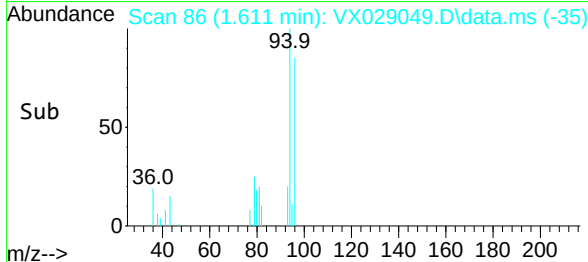
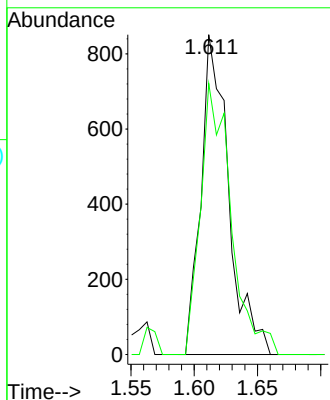
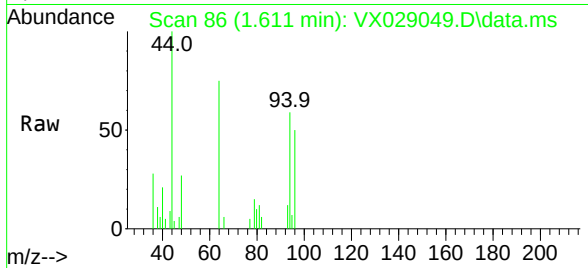




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

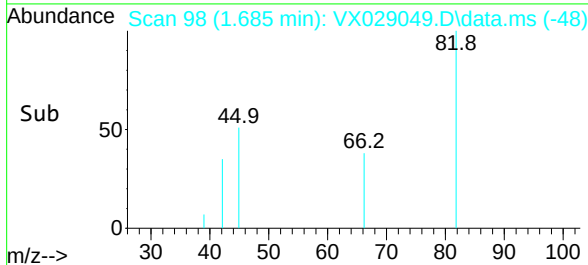
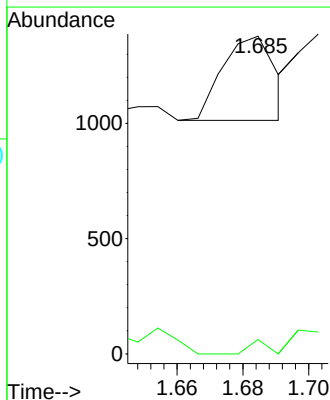
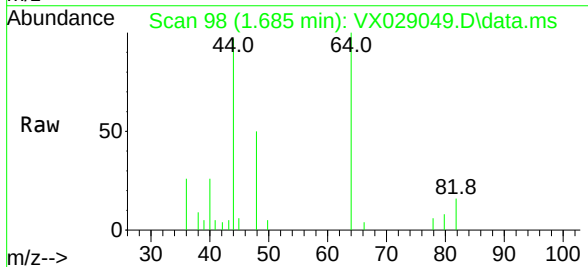
Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

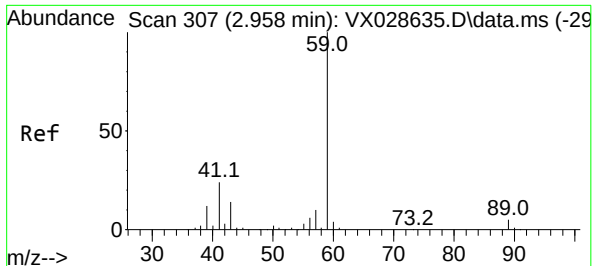
Tgt Ion: 94 Resp: 1292
Ion Ratio Lower Upper
94 100
96 84.7 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion: 64 Resp: 405
Ion Ratio Lower Upper
64 100
66 17.0 25.3 37.9#

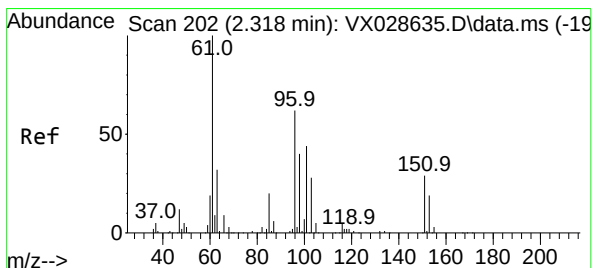
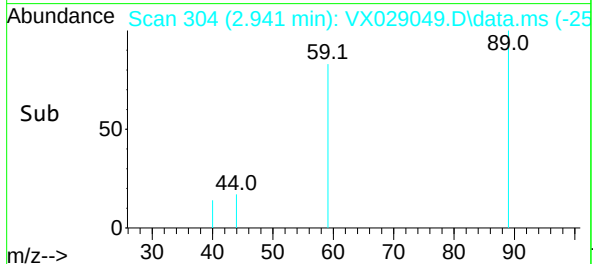
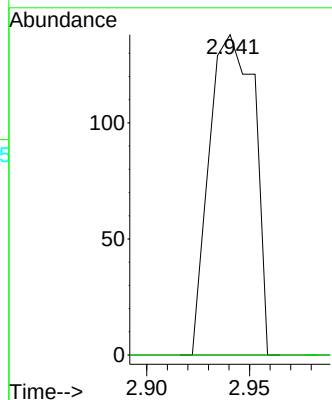
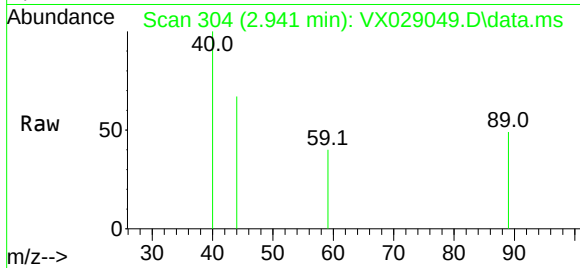




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

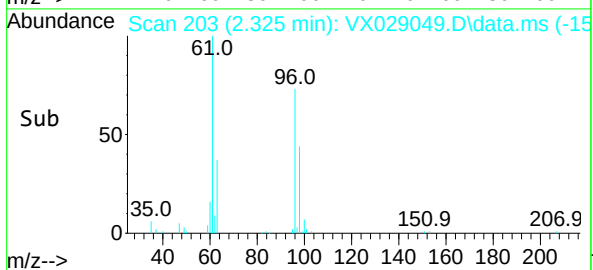
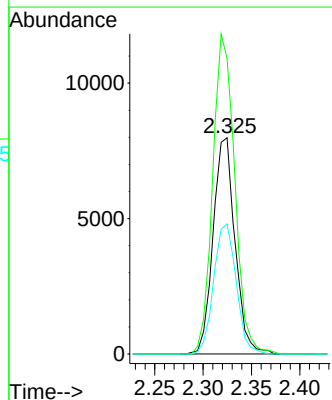
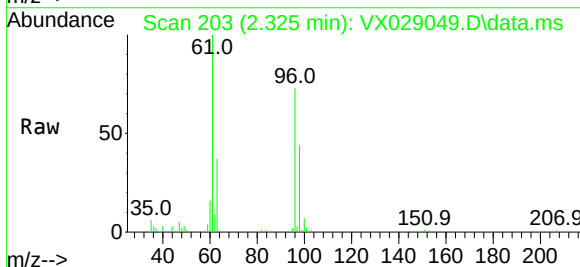
Instrument :
MSVOA_X
ClientSampleId :
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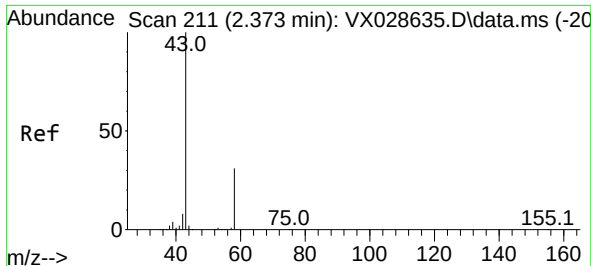
Tgt Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 3.682 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion: 96 Resp: 12571
Ion Ratio Lower Upper
96 100
61 136.7 124.6 187.0
98 60.2 51.0 76.4

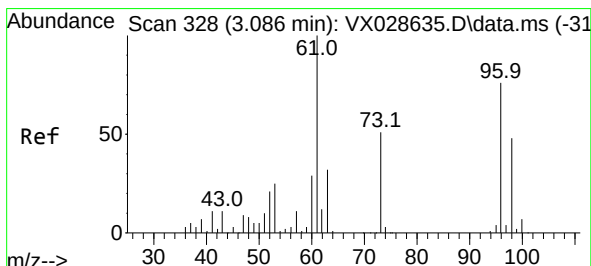
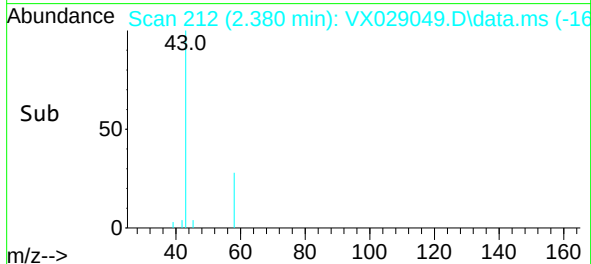
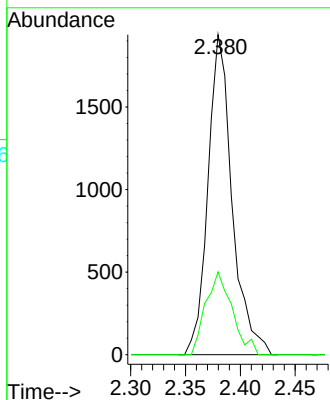
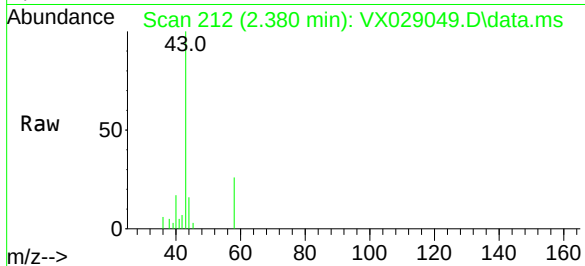




#16
Acetone
Concen: 1.530 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

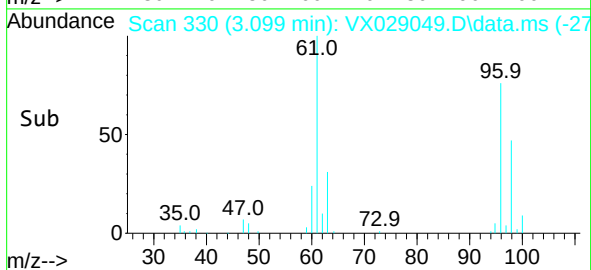
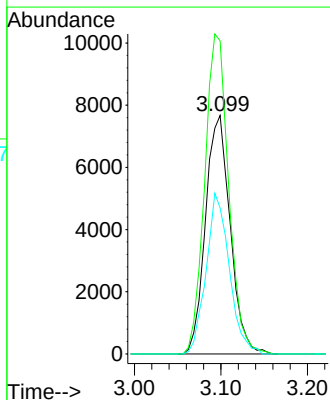
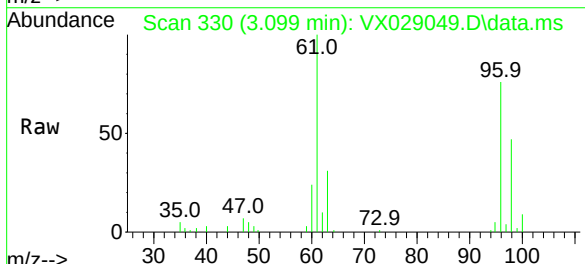
Instrument :
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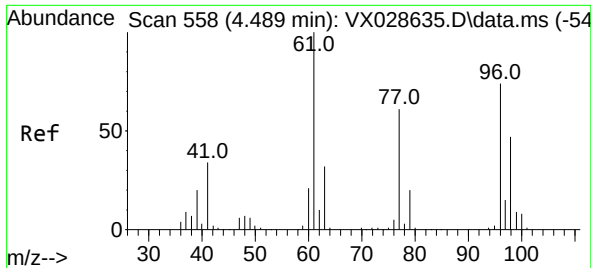
Tgt Ion: 43 Resp: 2969
Ion Ratio Lower Upper
43 100
58 25.9 28.8 43.2#



#21
trans-1,2-Dichloroethene
Concen: 3.954 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.013 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion: 96 Resp: 15203
Ion Ratio Lower Upper
96 100
61 131.3 105.4 158.2
98 61.2 50.0 75.0





#27

cis-1,2-Dichloroethene

Concen: 680.160 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX029049.D

Acq: 28 May 2022 02:06

Instrument :

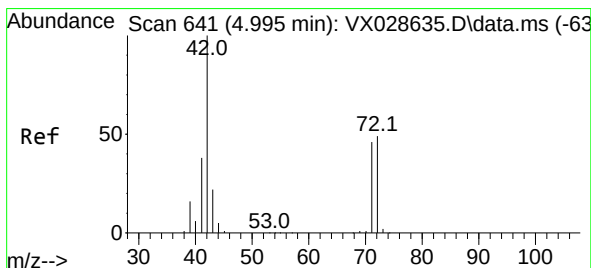
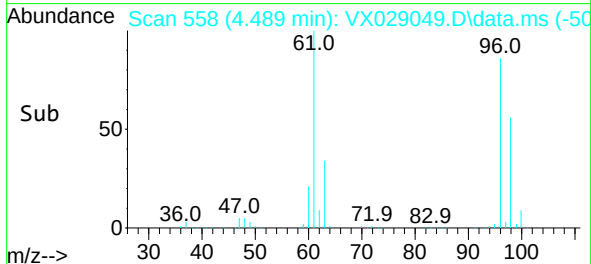
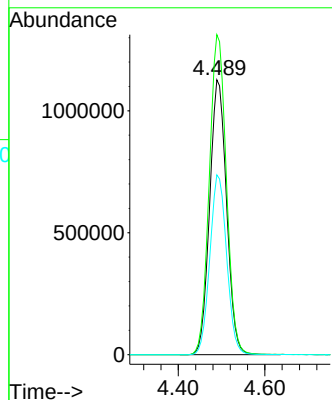
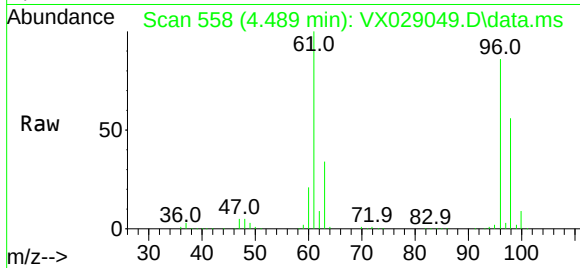
MSVOA_X

ClientSampleId :

45BR-20220525

Tgt Ion: 96 Resp: 3054772

Ion	Ratio	Lower	Upper
96	100		
61	117.7	0.0	283.8
98	65.2	0.0	129.8



#29

Tetrahydrofuran

Concen: 0.833 ug/l

RT: 5.032 min Scan# 647

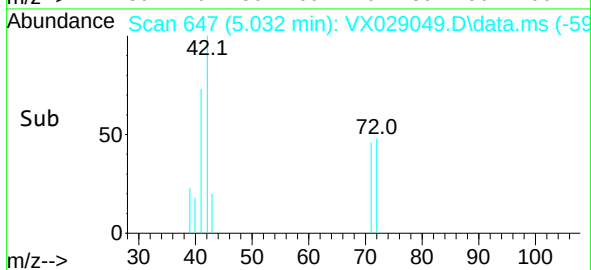
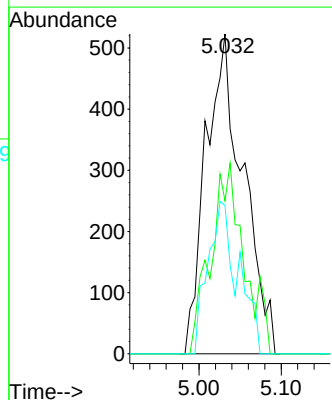
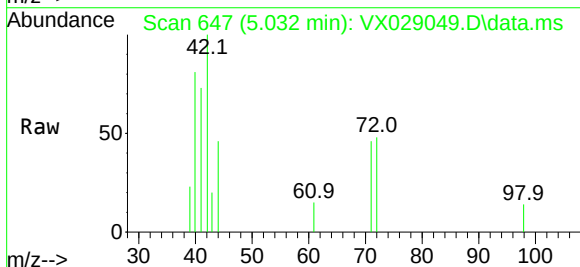
Delta R.T. 0.037 min

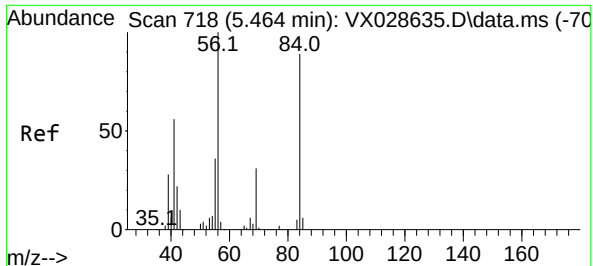
Lab File: VX029049.D

Acq: 28 May 2022 02:06

Tgt Ion: 42 Resp: 1650

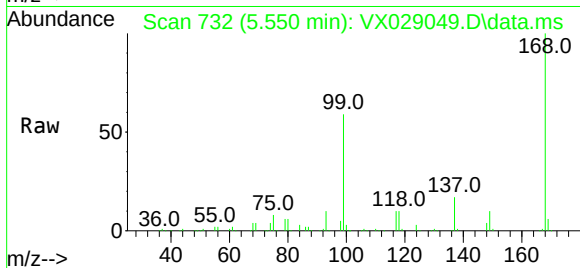
Ion	Ratio	Lower	Upper
42	100		
72	53.5	44.1	66.1
71	29.2	40.5	60.7#



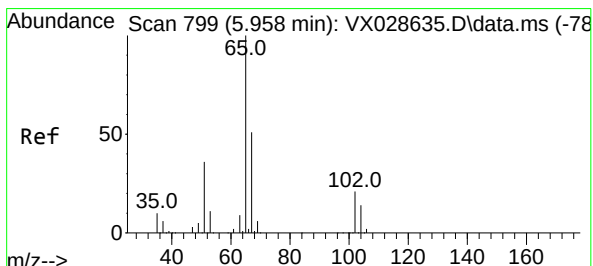
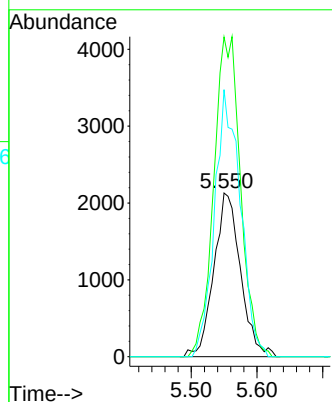
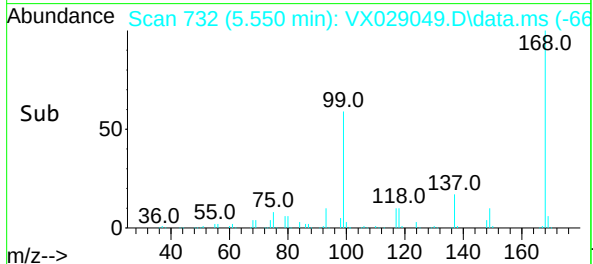


#31
Cyclohexane
Concen: 0.955 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

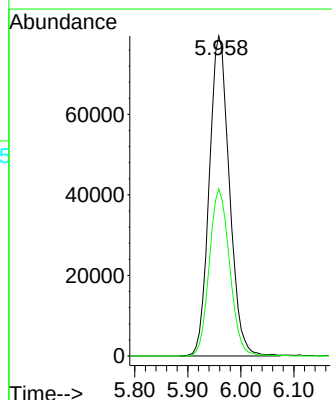
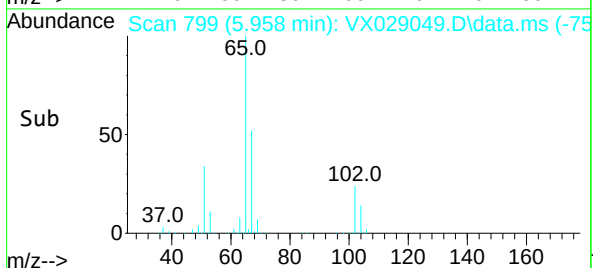
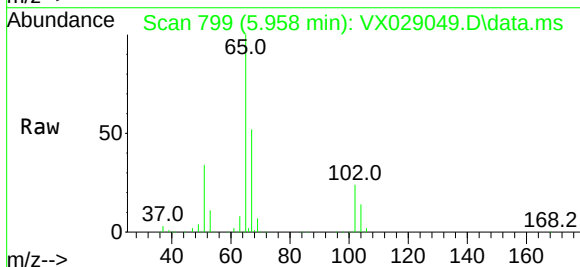


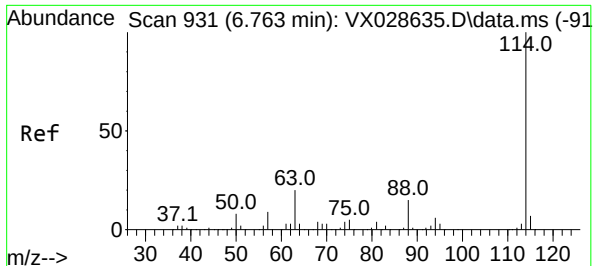
Tgt Ion: 56 Resp: 5993
Ion Ratio Lower Upper
56 100
69 195.3 26.7 40.1#
84 163.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 46.399 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion: 65 Resp: 209802
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.4

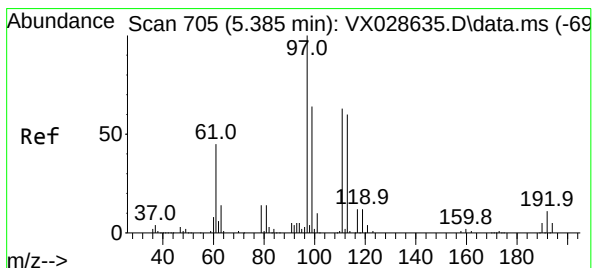
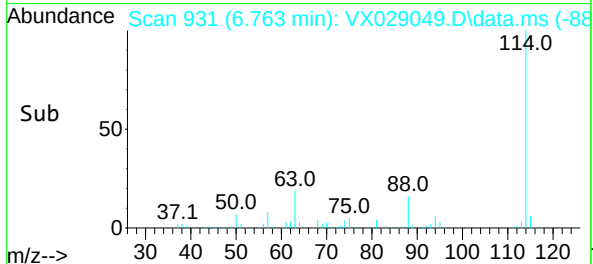
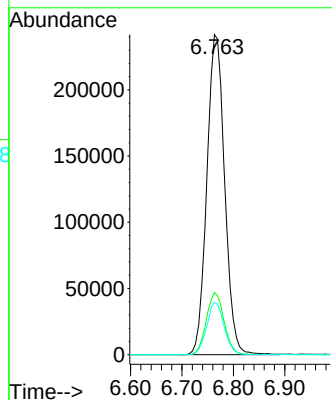
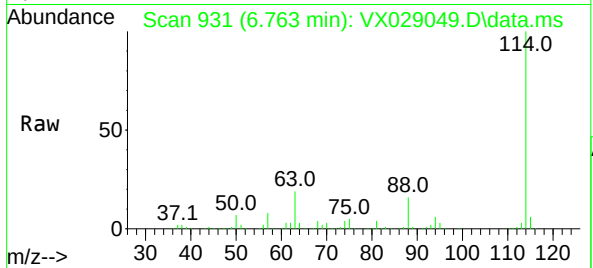




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

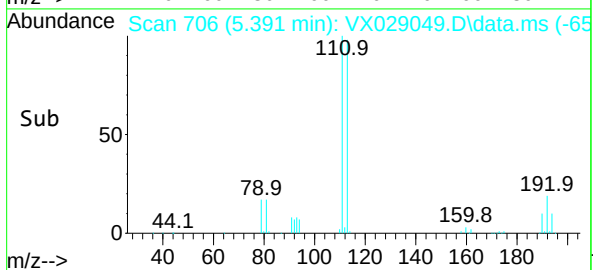
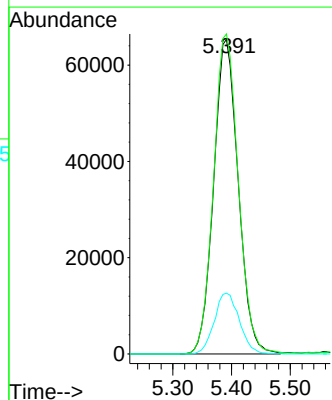
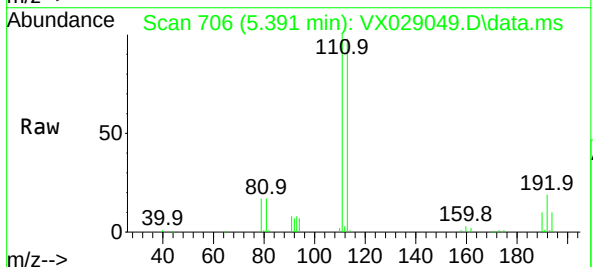
Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

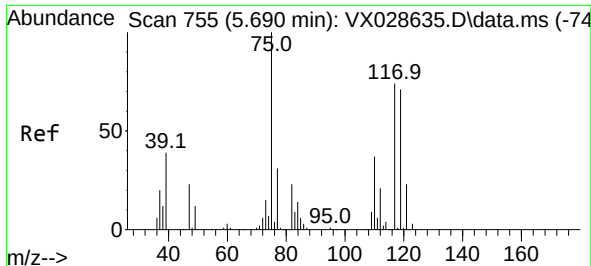
Tgt Ion:114 Resp: 581215
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.858 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion:113 Resp: 189860
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 19.7 16.9 25.3

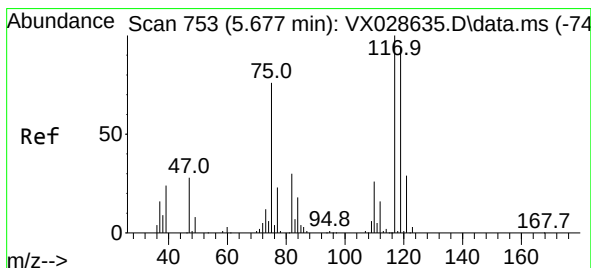
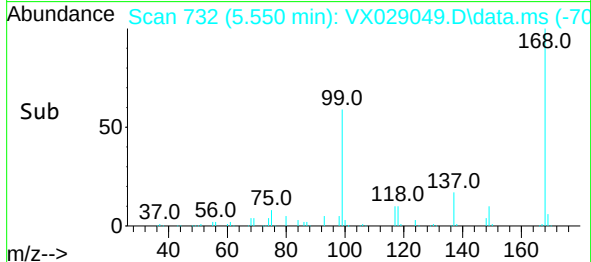
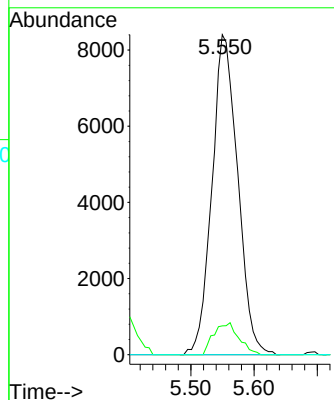
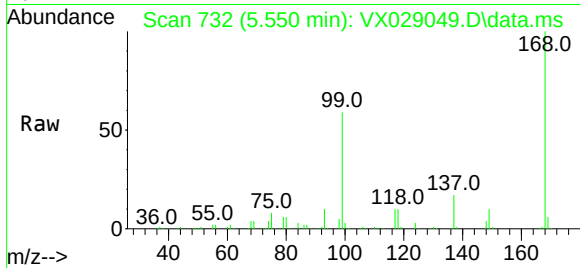




#36
1,1-Dichloropropene
Concen: 4.150 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

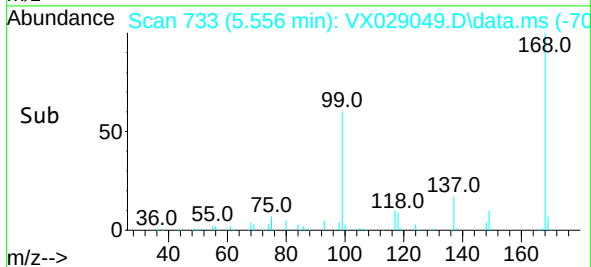
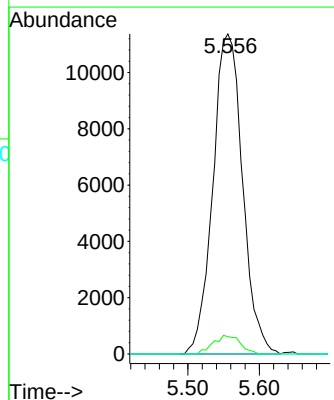
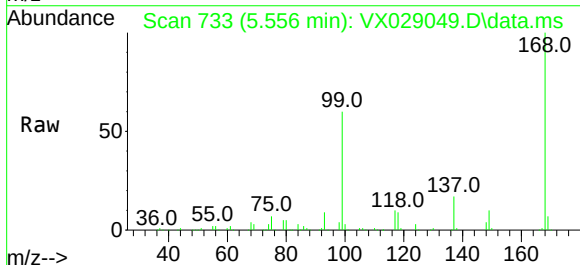
Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

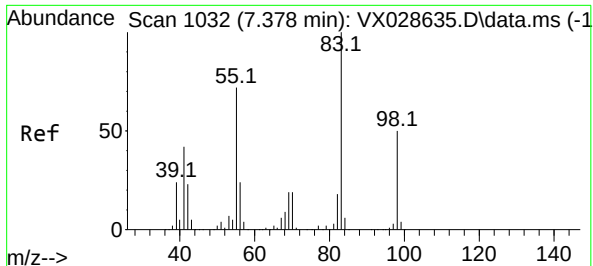
Tgt Ion: 75 Resp: 23738
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.679 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion: 117 Resp: 32690
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#

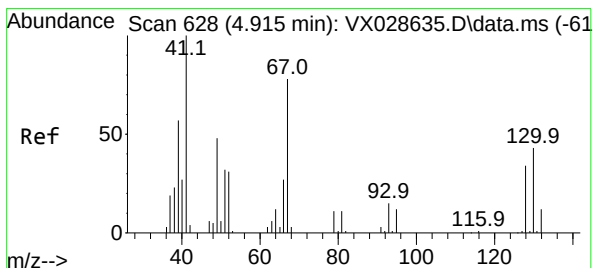
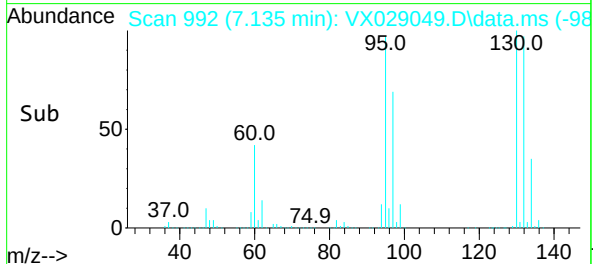
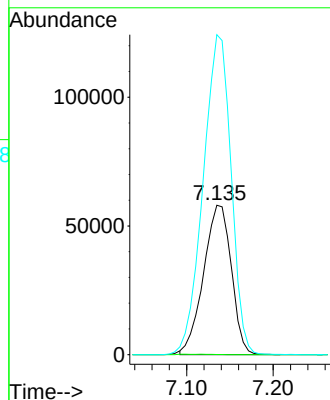
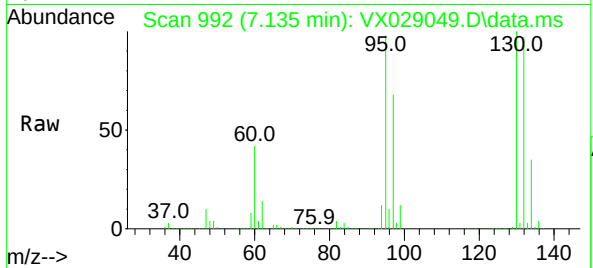




#39
Methylcyclohexane
Concen: 19.687 ug/l
RT: 7.135 min Scan# 91
Delta R.T. -0.243 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

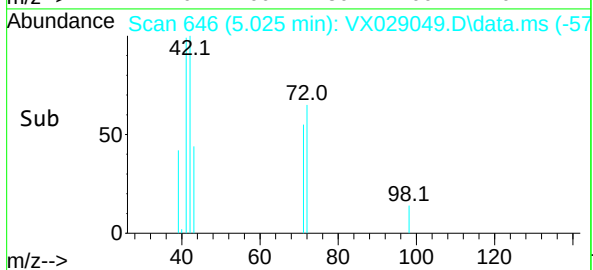
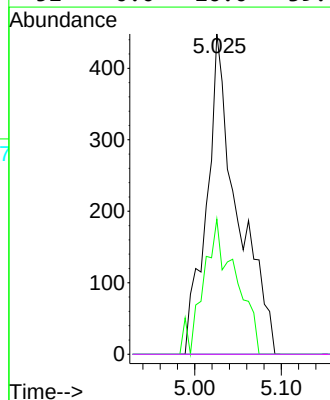
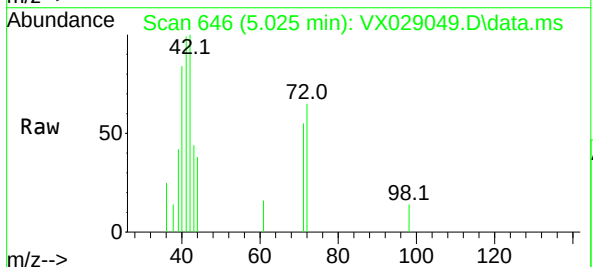
Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

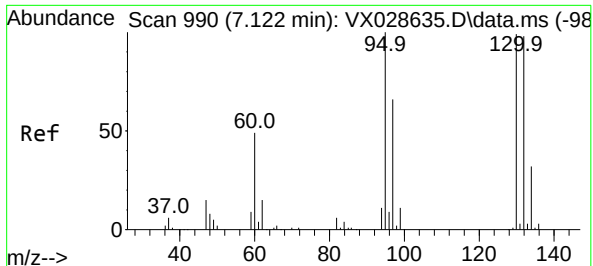
Tgt Ion: 83 Resp: 129130
Ion Ratio Lower Upper
83 100
55 0.2 54.6 81.8#
98 213.9 37.4 56.2#



#41
Methacrylonitrile
Concen: 0.346 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.110 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion: 41 Resp: 1108
Ion Ratio Lower Upper
41 100
39 44.3 43.0 64.4
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

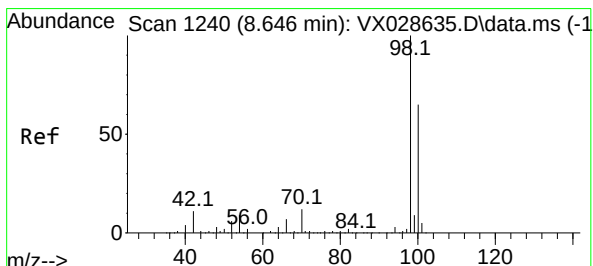
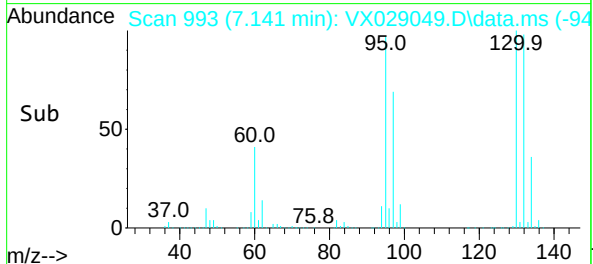
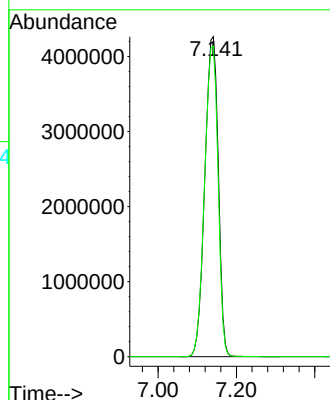
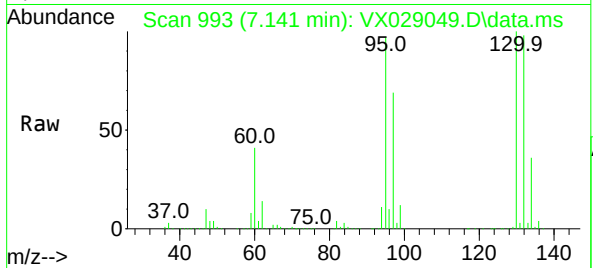




#44
Trichloroethene
Concen: 2277.688 ug/l
RT: 7.141 min Scan# 990
Delta R.T. 0.019 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

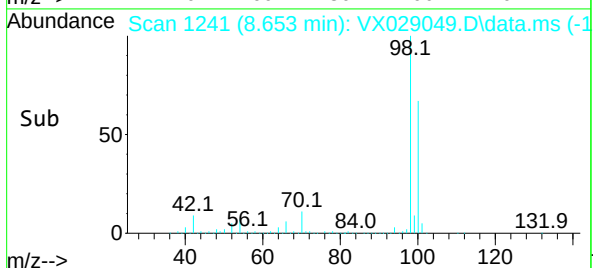
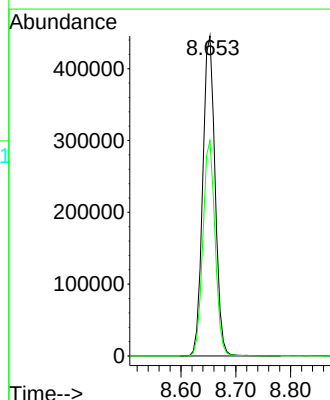
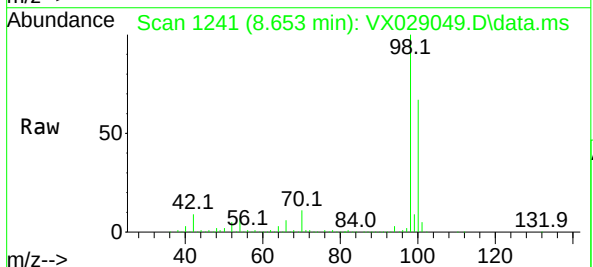
Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

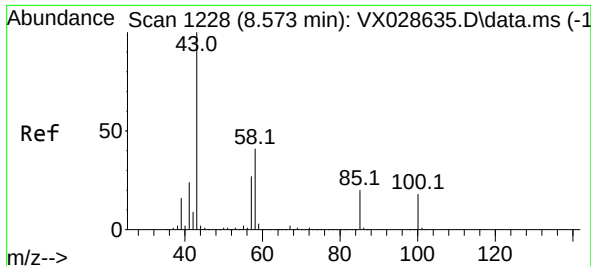
Tgt Ion:130 Resp:10154171
Ion Ratio Lower Upper
130 100
95 97.0 0.0 188.8



#50
Toluene-d8
Concen: 48.448 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion: 98 Resp: 695565
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.410 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.080 min

Lab File: VX029049.D

Acq: 28 May 2022 02:06

Instrument :

MSVOA_X

ClientSampleId :

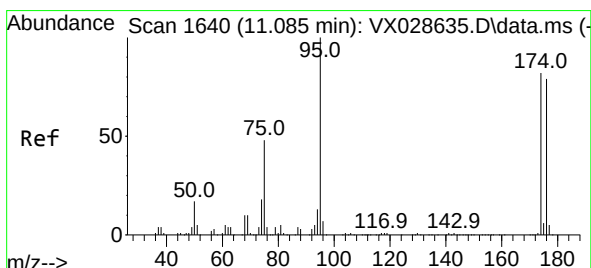
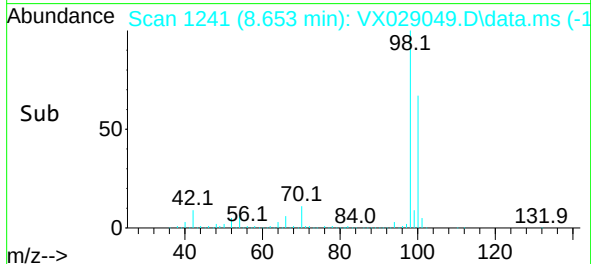
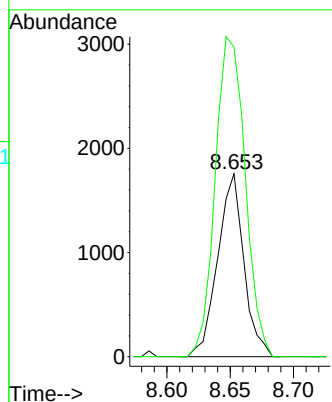
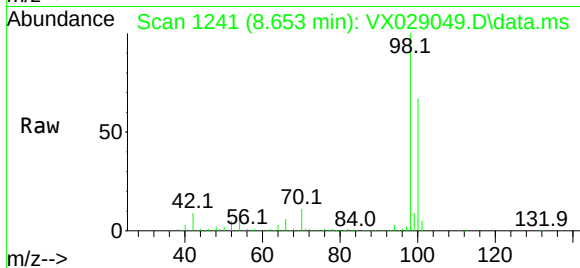
45BR-20220525

Tgt Ion: 43 Resp: 2526

Ion Ratio Lower Upper

43 100

58 200.2 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 52.061 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029049.D

Acq: 28 May 2022 02:06

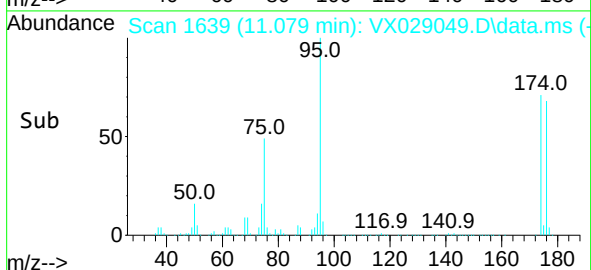
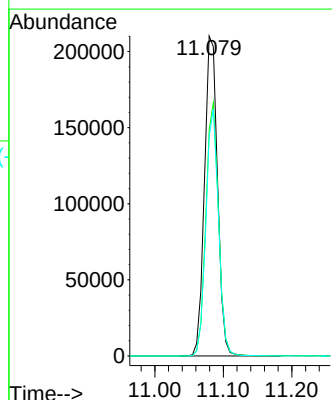
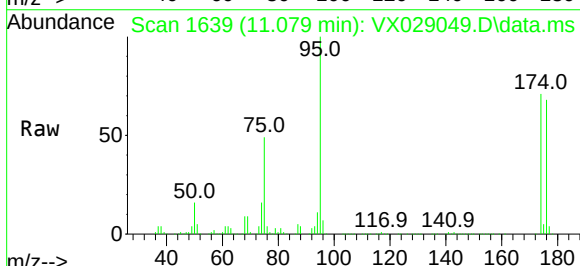
Tgt Ion: 95 Resp: 279175

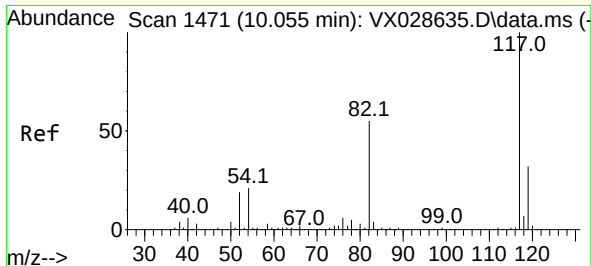
Ion Ratio Lower Upper

95 100

174 77.0 0.0 163.0

176 74.7 0.0 155.0

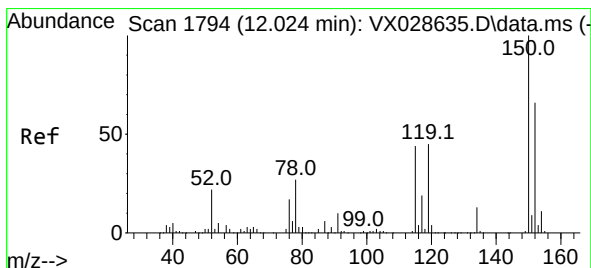
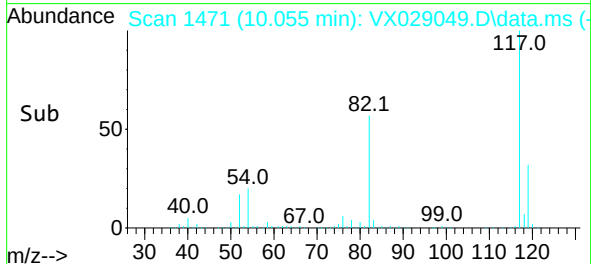
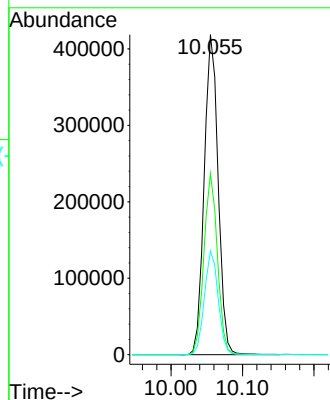
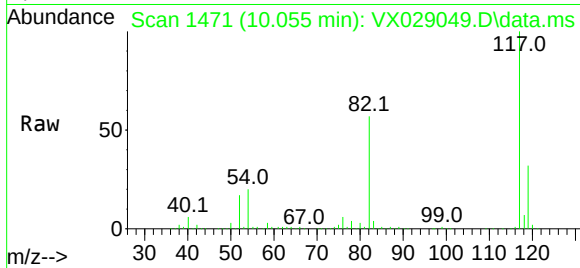




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

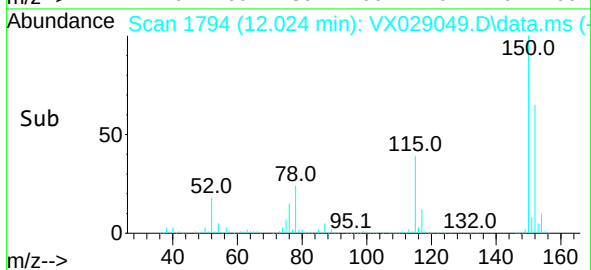
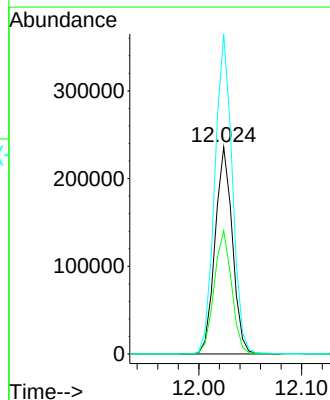
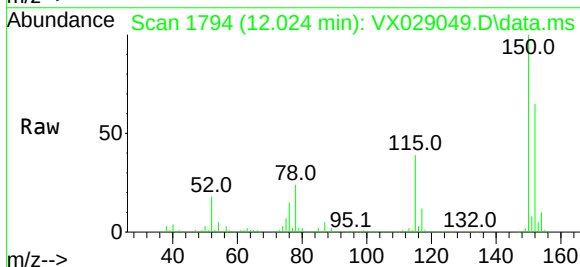
Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

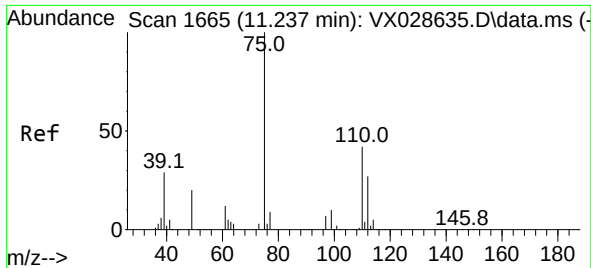
Tgt Ion:117 Resp: 567300
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion:152 Resp: 275390
Ion Ratio Lower Upper
152 100
115 60.1 37.5 112.7
150 156.0 0.0 338.2

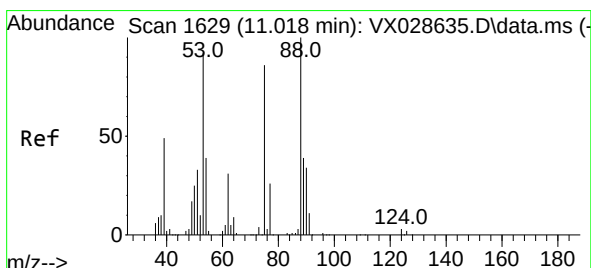
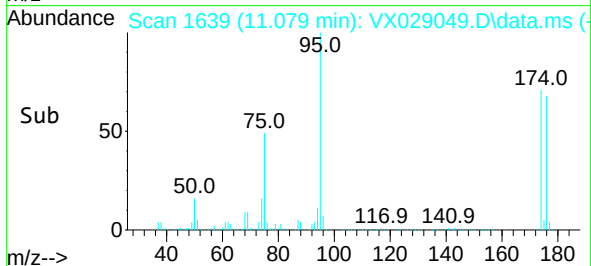
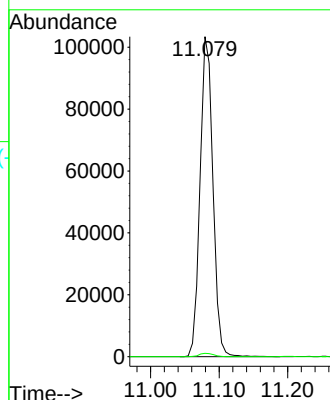
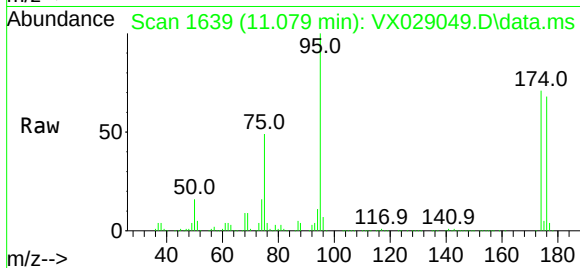




#76
1,2,3-Trichloropropane
Concen: 20.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

Tgt Ion: 75 Resp: 135079
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion: 75 Resp: 135079
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

