

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120622\
 Data File : VX033263.D
 Acq On : 06 Dec 2022 16:59
 Operator : JC/MD
 Sample : N5875-03DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-1SDL

Quant Time: Dec 07 01:33:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

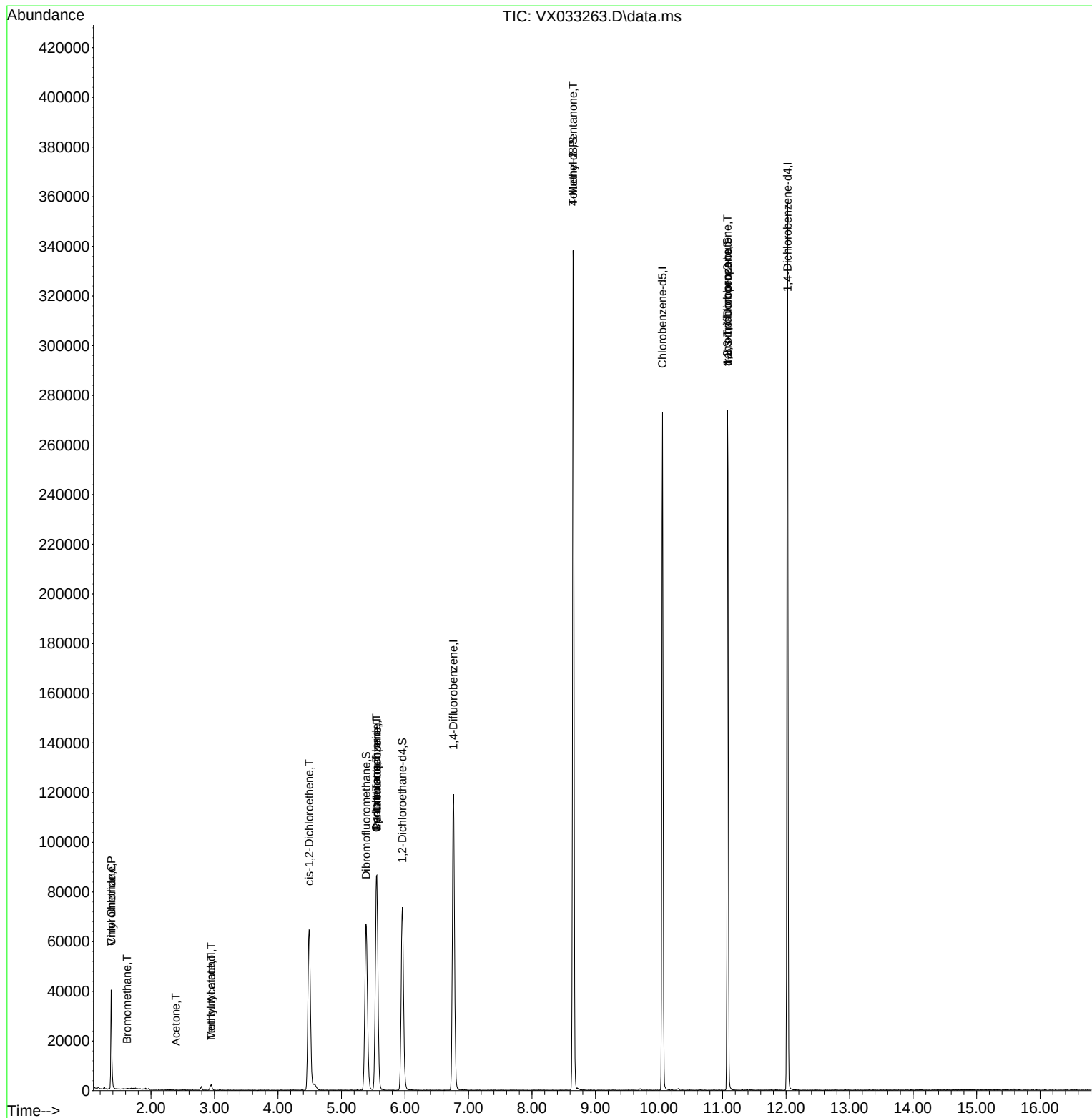
Internal Standards						
1) Pentafluorobenzene	5.556	168	83657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124236	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75347	94.992	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 189.980%#			
35) Dibromofluoromethane	5.385	113	58858	84.035	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 168.080%#			
50) Toluene-d8	8.647	98	205050	99.435	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 198.880%#			
62) 4-Bromofluorobenzene	11.079	95	69943	76.021	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 152.040%#			
Target Compounds						Qvalue
3) Chloromethane	1.374	50	176	0.255	ug/l #	43
4) Vinyl Chloride	1.374	62	25916	33.734	ug/l	100
5) Bromomethane	1.624	94	119	0.209	ug/l #	78
11) Tert butyl alcohol	2.947	59	1394	10.794	ug/l #	72
16) Acetone	2.392	43	221	0.581	ug/l #	45
18) Methyl Acetate	2.947	43	265	0.252	ug/l #	51
20) Methylene Chloride	2.788	84	697	Below Cal	#	92
27) cis-1,2-Dichloroethene	4.489	96	43178	45.507	ug/l	90
31) Cyclohexane	5.550	56	1804	1.367	ug/l #	49
36) 1,1-Dichloropropene	5.556	75	6253	5.583	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8697	7.000	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	834	0.836	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37458	27.299	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37458	88.734	ug/l #	6

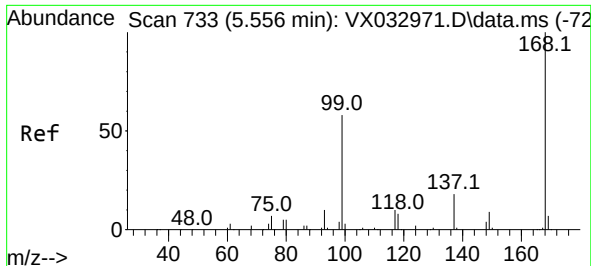
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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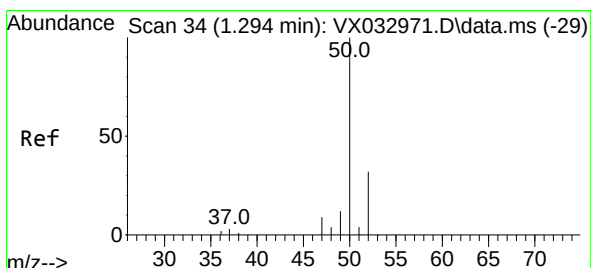
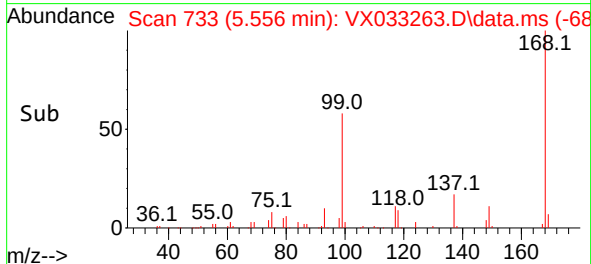
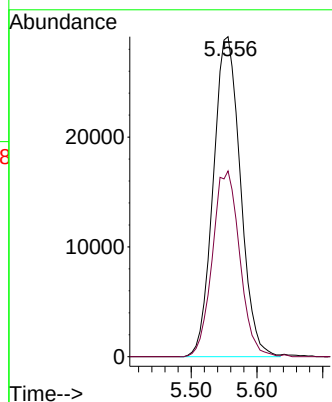
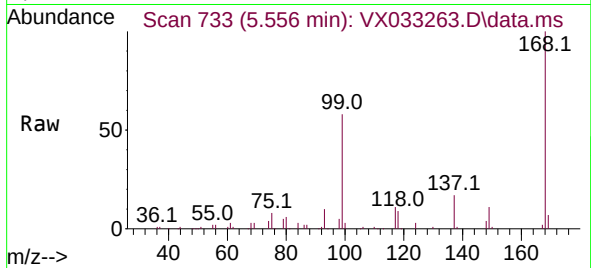




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033263.D
Acq: 06 Dec 2022 16:59

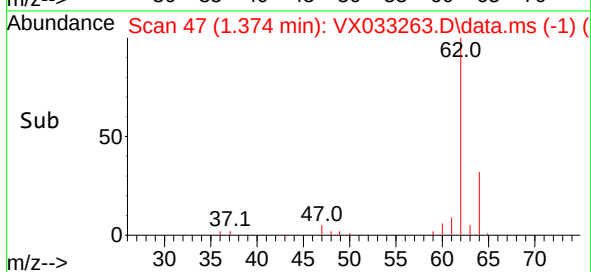
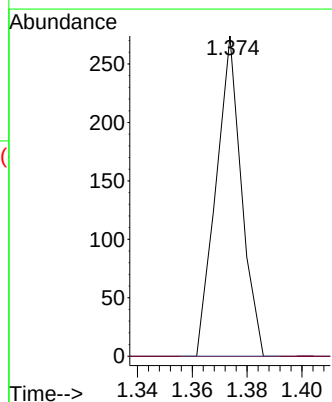
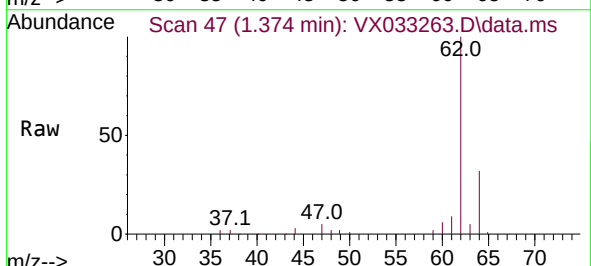
Instrument :
MSVOA_X
ClientSampleId :
22-MW-1SDL

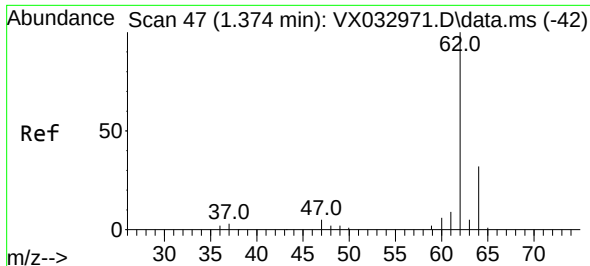
Tgt Ion:168 Resp: 83657
Ion Ratio Lower Upper
168 100
99 58.1 46.1 69.1



#3
Chloromethane
Concen: 0.255 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.080 min
Lab File: VX033263.D
Acq: 06 Dec 2022 16:59

Tgt Ion: 50 Resp: 176
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

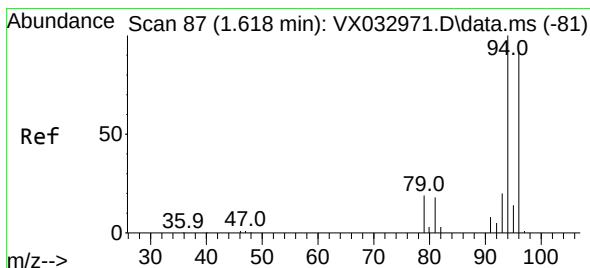
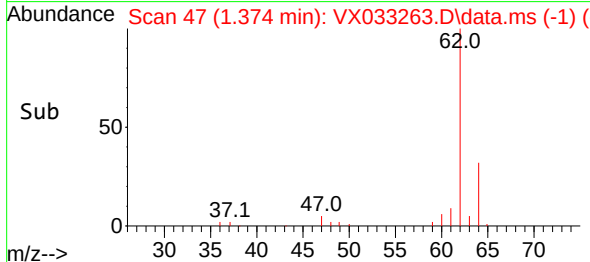
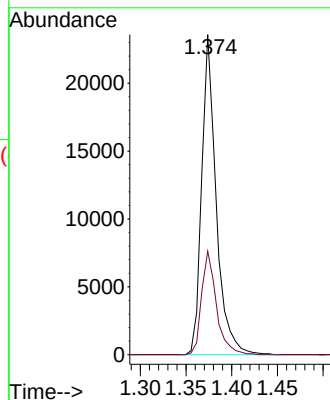
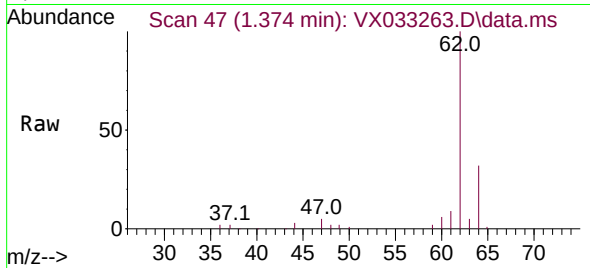




#4
 Vinyl Chloride
 Concen: 33.734 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033263.D
 Acq: 06 Dec 2022 16:59

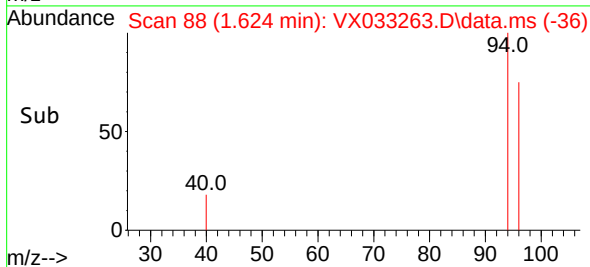
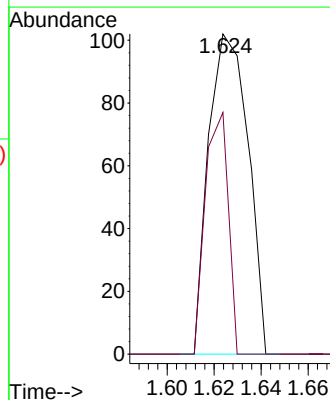
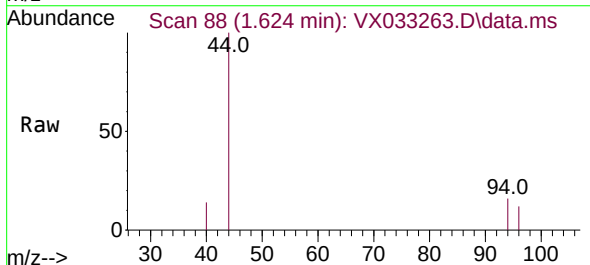
Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-1SDL

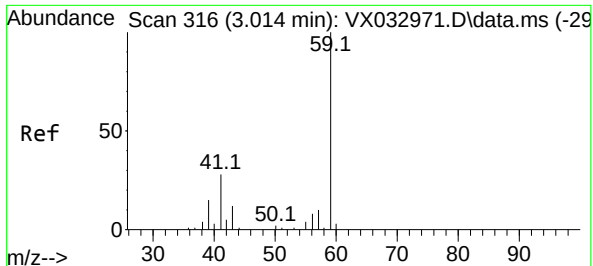
Tgt Ion: 62 Resp: 25916
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.8 38.6



#5
 Bromomethane
 Concen: 0.209 ug/l
 RT: 1.624 min Scan# 88
 Delta R.T. 0.019 min
 Lab File: VX033263.D
 Acq: 06 Dec 2022 16:59

Tgt Ion: 94 Resp: 119
 Ion Ratio Lower Upper
 94 100
 96 75.5 77.6 116.4#





#11

Tert butyl alcohol

Concen: 10.794 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.018 min

Lab File: VX033263.D

Acq: 06 Dec 2022 16:59

Instrument :

MSVOA_X

ClientSampleId :

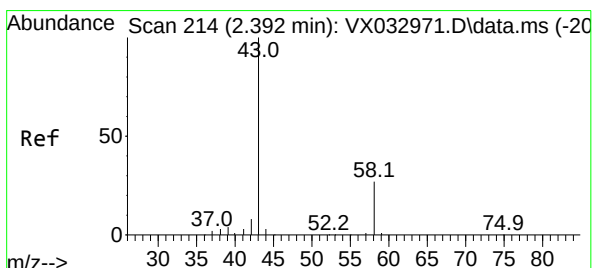
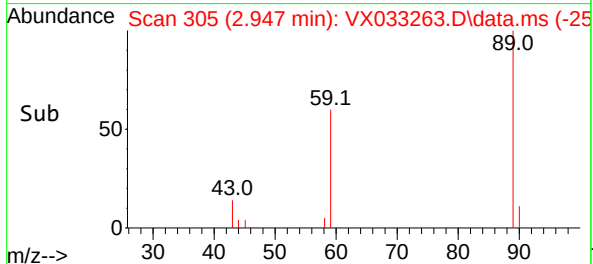
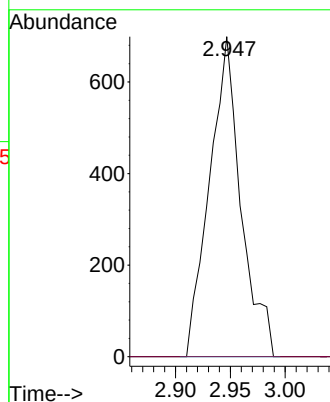
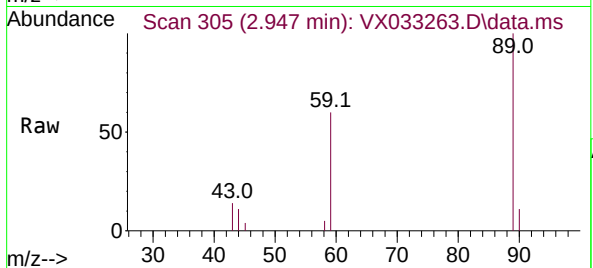
22-MW-1SDL

Tgt Ion: 59 Resp: 1394

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.581 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX033263.D

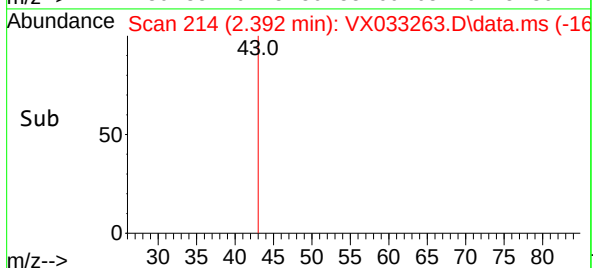
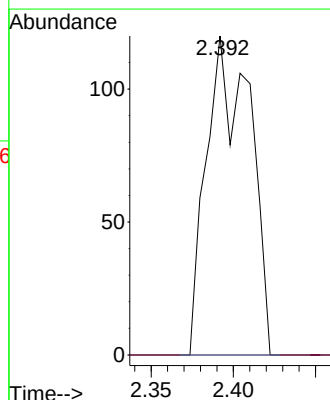
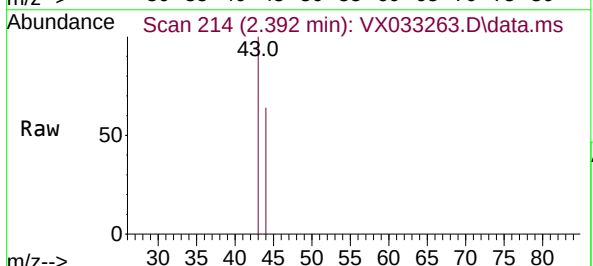
Acq: 06 Dec 2022 16:59

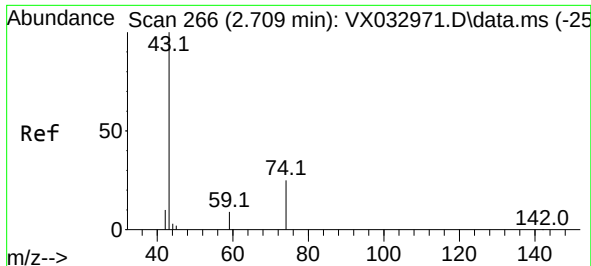
Tgt Ion: 43 Resp: 221

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#

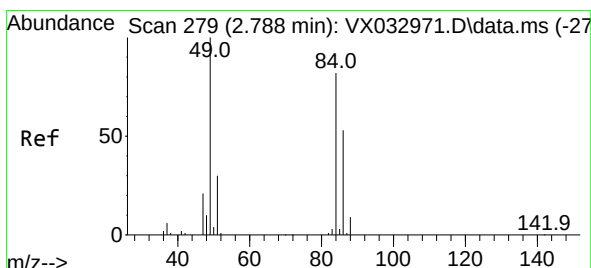
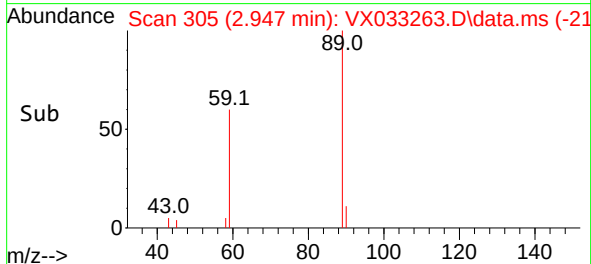
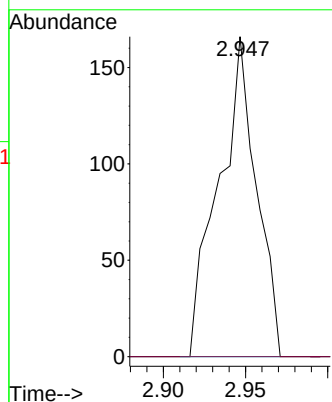
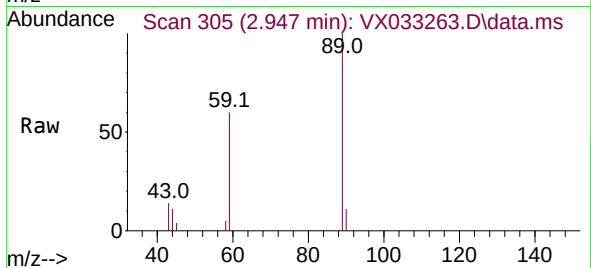




#18
Methyl Acetate
Concen: 0.252 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.244 min
Lab File: VX033263.D
Acq: 06 Dec 2022 16:59

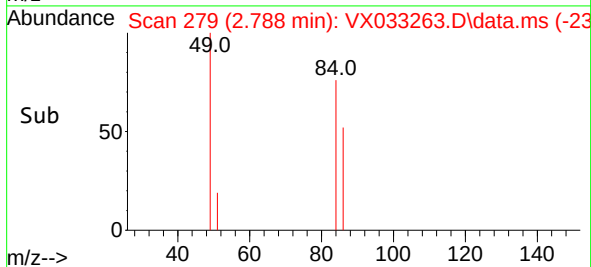
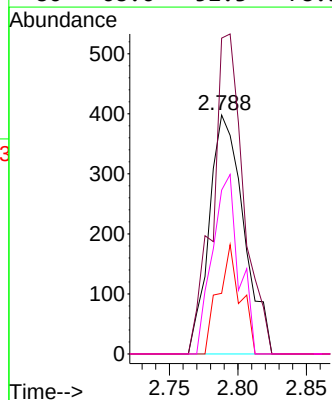
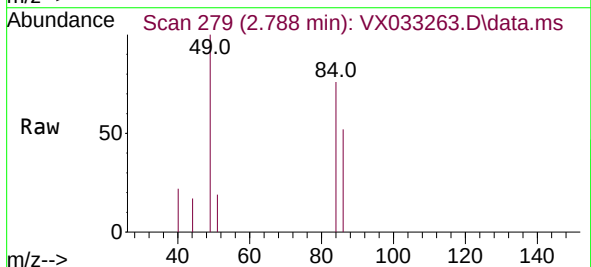
Instrument :
MSVOA_X
ClientSampleId :
22-MW-1SDL

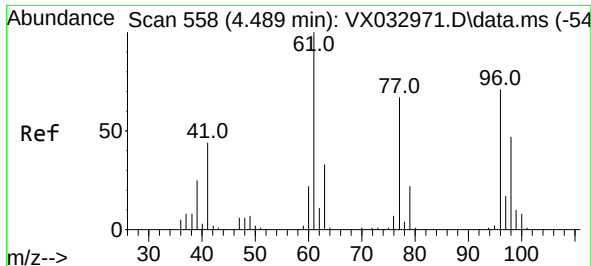
Tgt Ion: 43 Resp: 265
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033263.D
Acq: 06 Dec 2022 16:59

Tgt Ion: 84 Resp: 697
Ion Ratio Lower Upper
84 100
49 132.2 101.0 151.6
51 25.4 31.1 46.7#
86 68.6 52.3 78.5





#27

cis-1,2-Dichloroethene

Concen: 45.507 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033263.D

Acq: 06 Dec 2022 16:59

Instrument :

MSVOA_X

ClientSampleId :

22-MW-1SDL

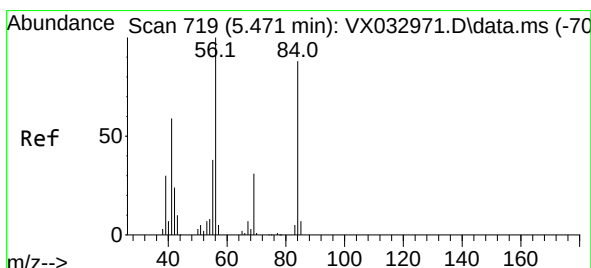
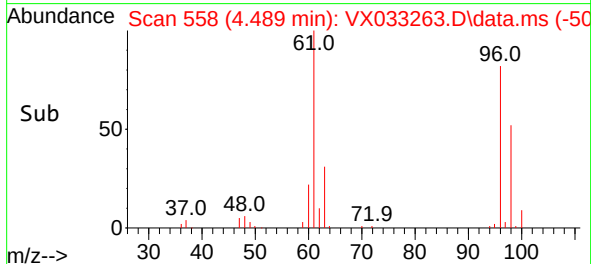
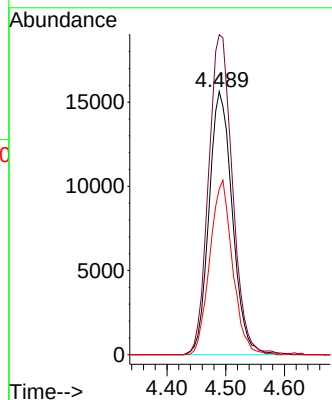
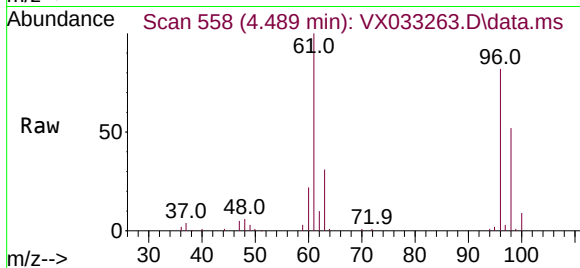
Tgt Ion: 96 Resp: 43178

Ion Ratio Lower Upper

96 100

61 125.1 0.0 286.0

98 64.4 0.0 129.6



#31

Cyclohexane

Concen: 1.367 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX033263.D

Acq: 06 Dec 2022 16:59

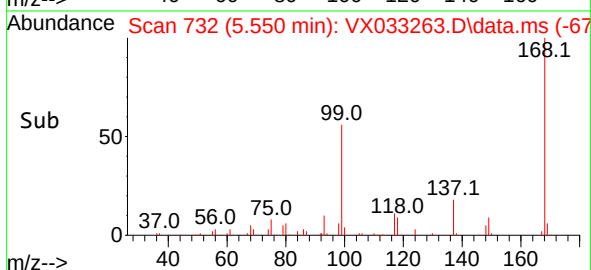
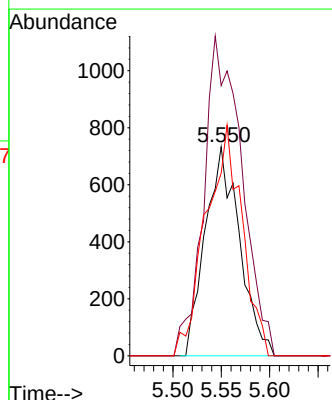
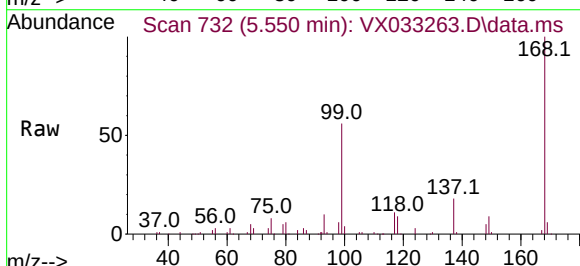
Tgt Ion: 56 Resp: 1804

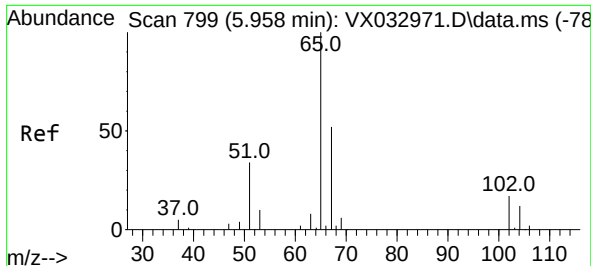
Ion Ratio Lower Upper

56 100

69 129.3 24.1 36.1#

84 87.3 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 94.992 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033263.D

Acq: 06 Dec 2022 16:59

Instrument :

MSVOA_X

ClientSampleId :

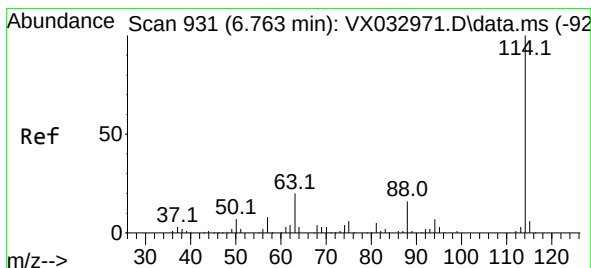
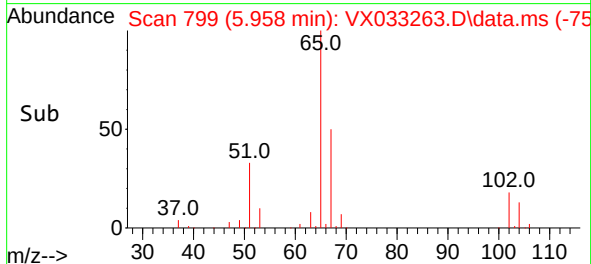
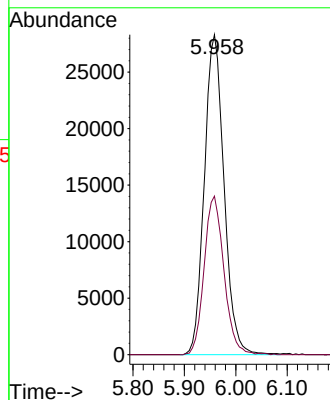
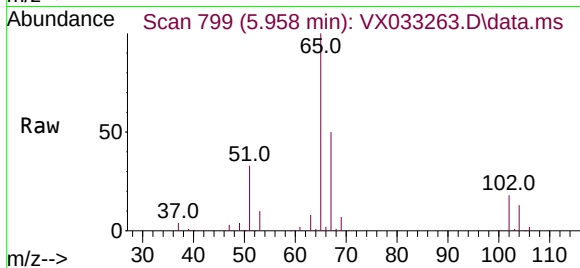
22-MW-1SDL

Tgt Ion: 65 Resp: 75347

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033263.D

Acq: 06 Dec 2022 16:59

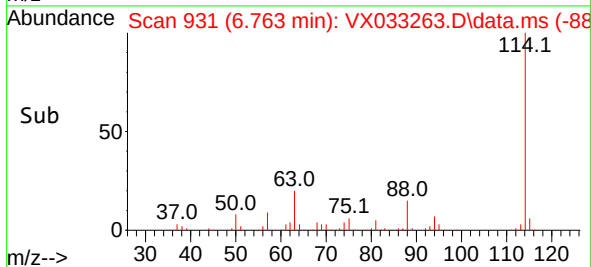
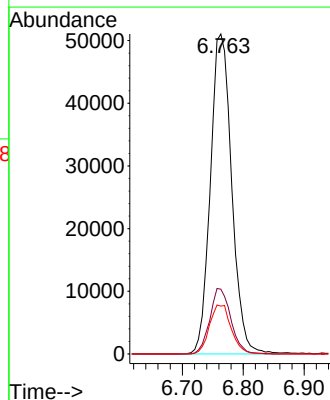
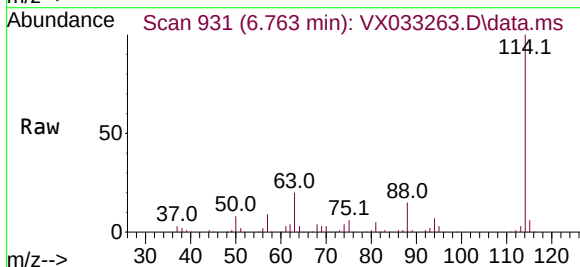
Tgt Ion: 114 Resp: 124236

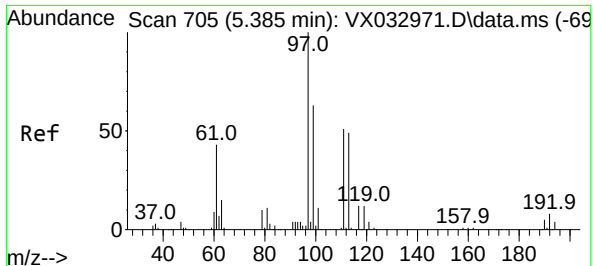
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

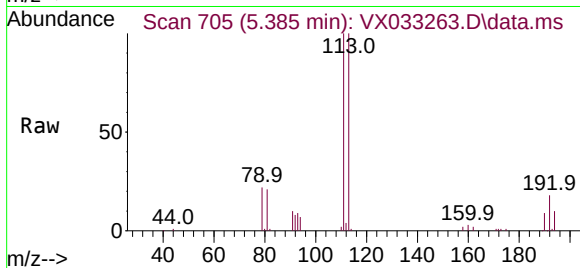
88 14.9 0.0 33.4



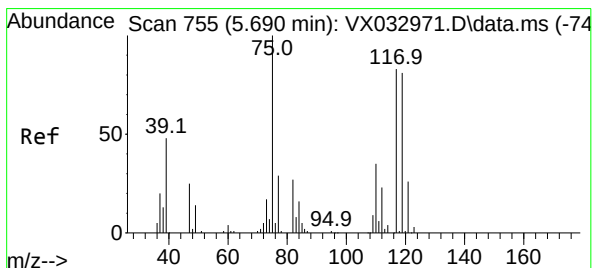
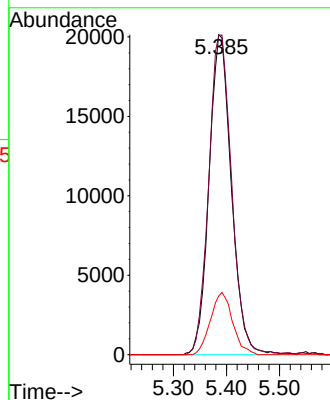
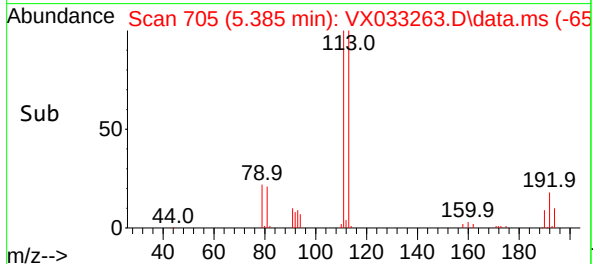


#35
Dibromofluoromethane
Concen: 84.035 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033263.D
Acq: 06 Dec 2022 16:59

Instrument :
MSVOA_X
ClientSampleId :
22-MW-1SDL

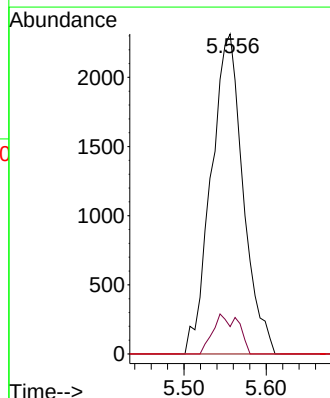
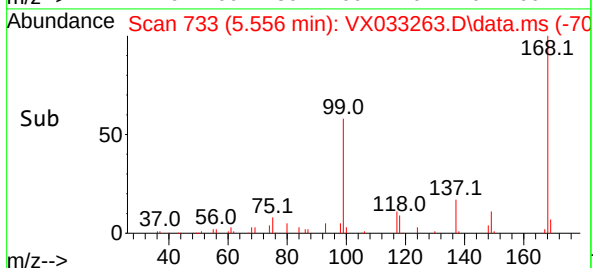
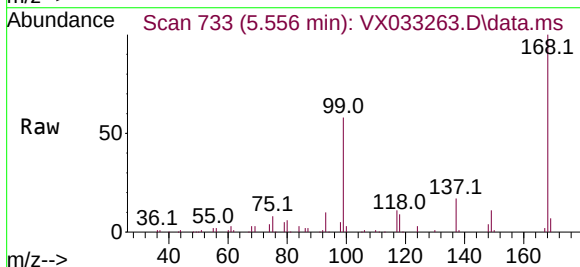


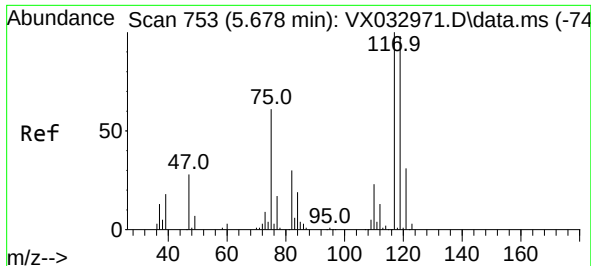
Tgt Ion:113 Resp: 58858
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.583 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX033263.D
Acq: 06 Dec 2022 16:59

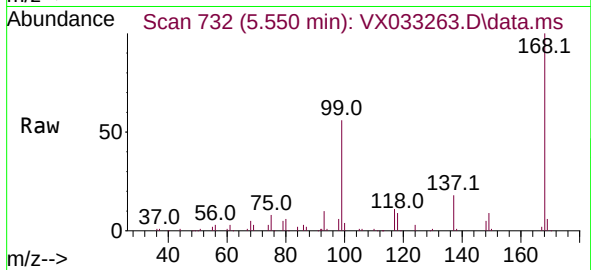
Tgt Ion: 75 Resp: 6253
Ion Ratio Lower Upper
75 100
110 10.0 18.4 55.2#
77 0.0 24.5 36.7#



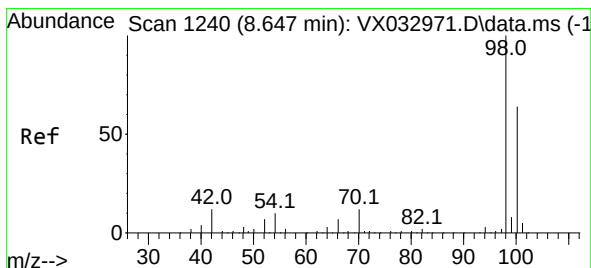
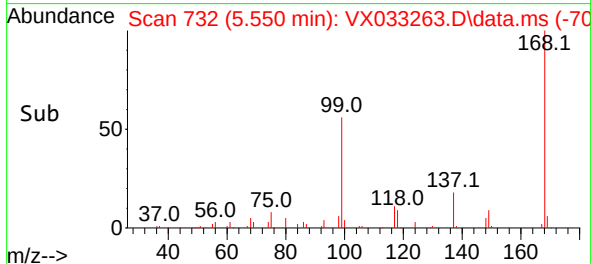
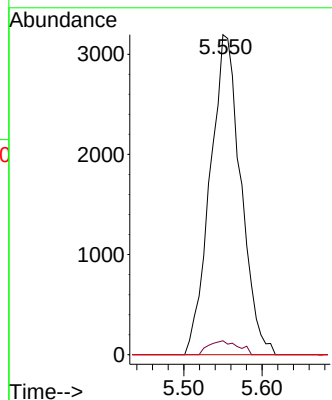


#38
Carbon Tetrachloride
Concen: 7.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033263.D
Acq: 06 Dec 2022 16:59

Instrument :
MSVOA_X
ClientSampleId :
22-MW-1SDL

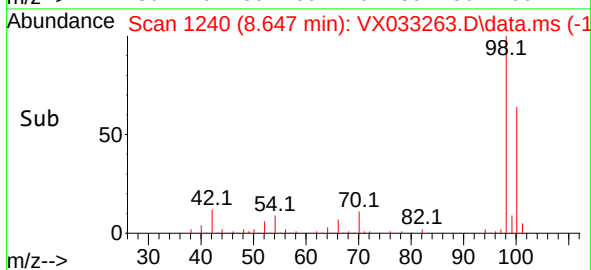
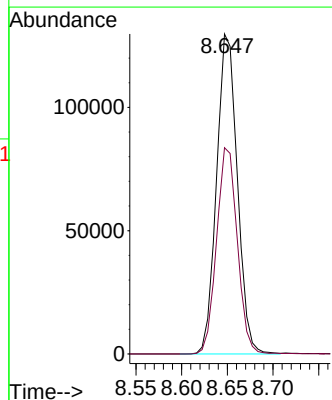
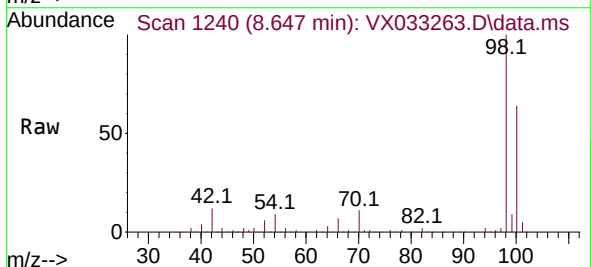


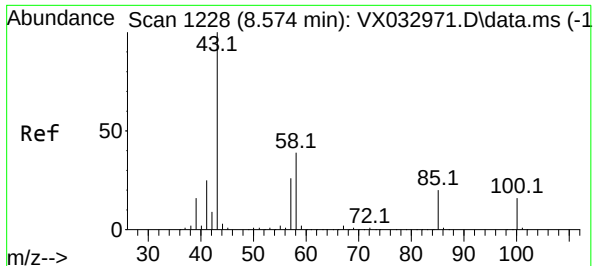
Tgt Ion:117 Resp: 8697
Ion Ratio Lower Upper
117 100
119 4.3 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 99.435 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033263.D
Acq: 06 Dec 2022 16:59

Tgt Ion: 98 Resp: 205050
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3

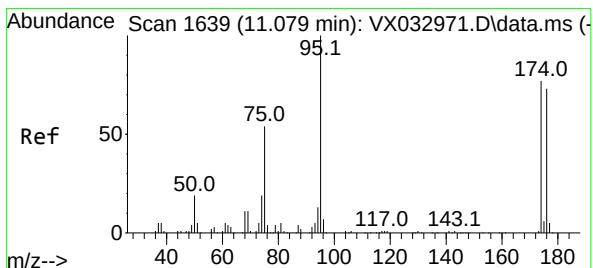
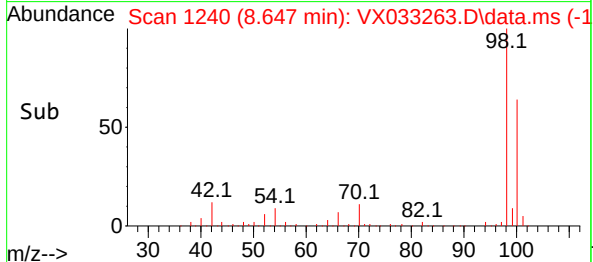
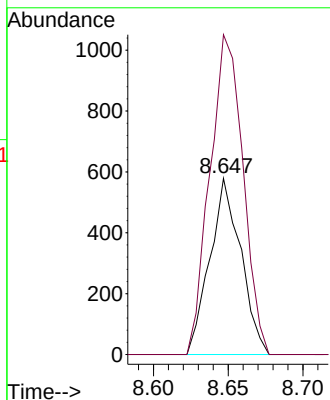
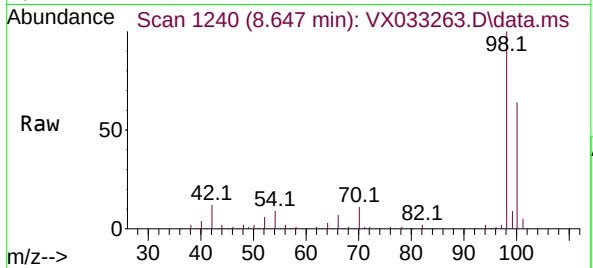




#51
4-Methyl-2-Pentanone
Concen: 0.836 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033263.D
Acq: 06 Dec 2022 16:59

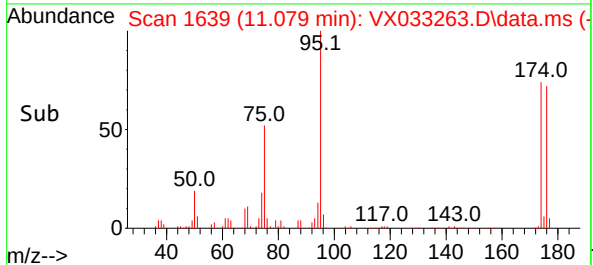
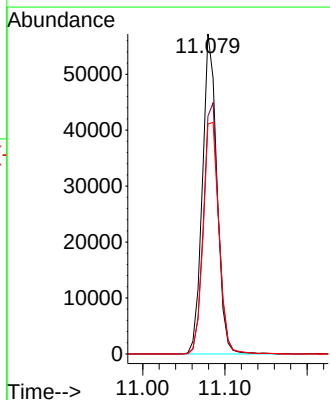
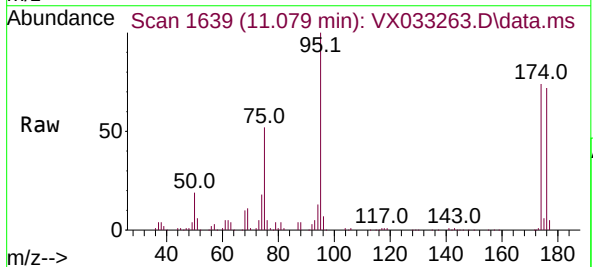
Instrument :
MSVOA_X
ClientSampleId :
22-MW-1SDL

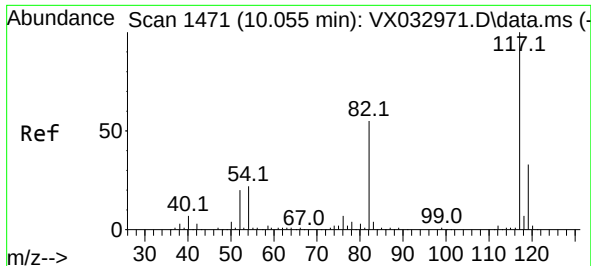
Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
58 194.4 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 76.021 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033263.D
Acq: 06 Dec 2022 16:59

Tgt Ion: 95 Resp: 69943
Ion Ratio Lower Upper
95 100
174 82.2 0.0 164.0
176 78.6 0.0 154.4

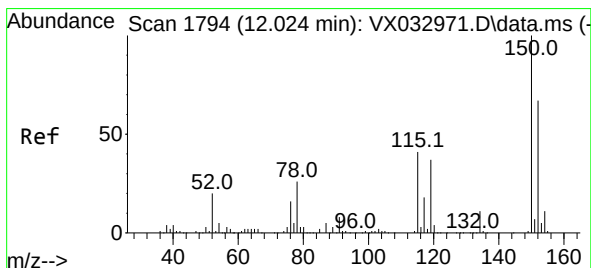
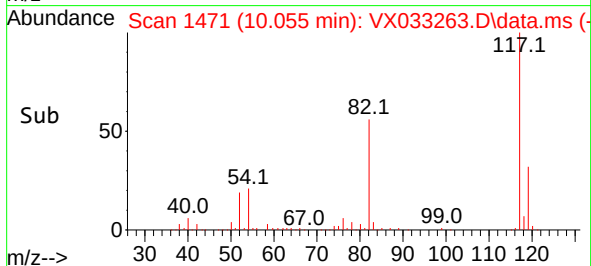
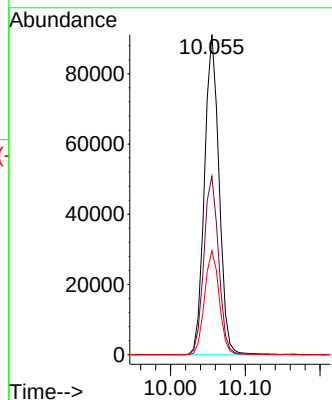
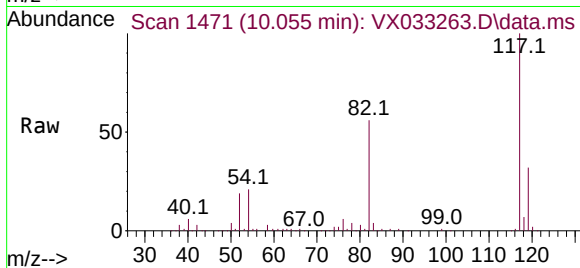




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033263.D
Acq: 06 Dec 2022 16:59

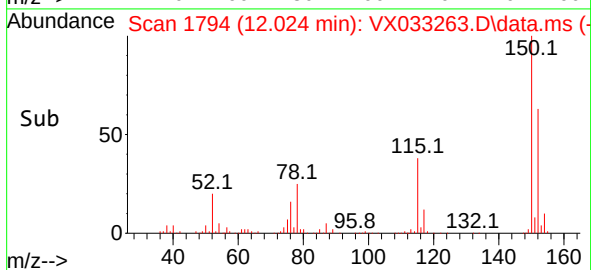
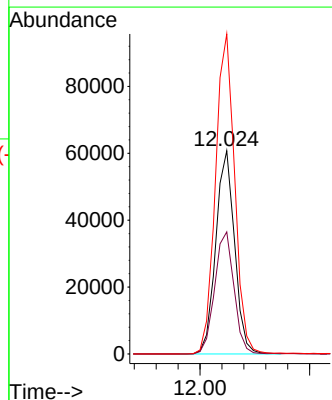
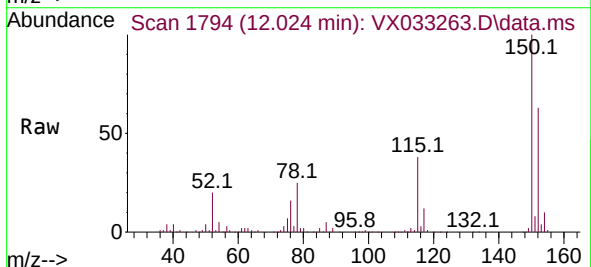
Instrument :
MSVOA_X
ClientSampleId :
22-MW-1SDL

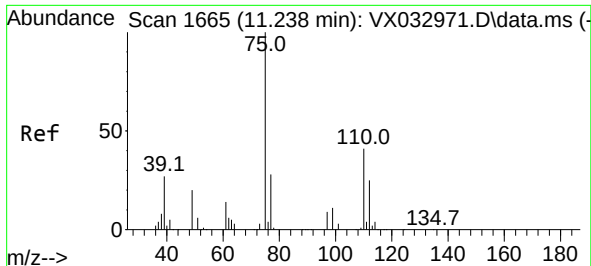
Tgt Ion:117 Resp: 123591
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033263.D
Acq: 06 Dec 2022 16:59

Tgt Ion:152 Resp: 72453
Ion Ratio Lower Upper
152 100
115 61.8 44.0 132.0
150 161.2 0.0 351.8

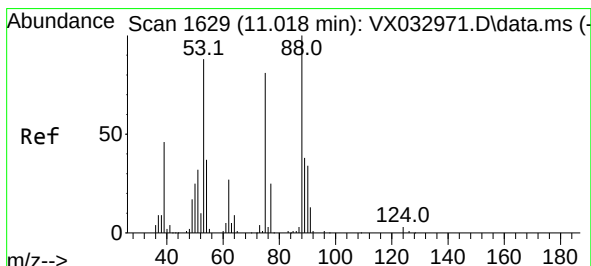
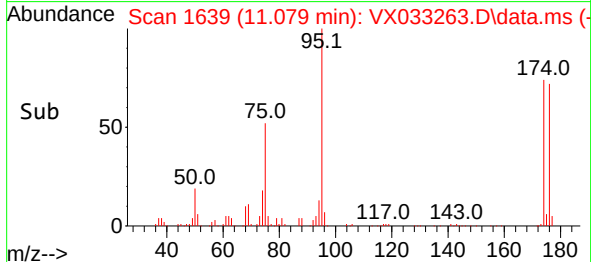
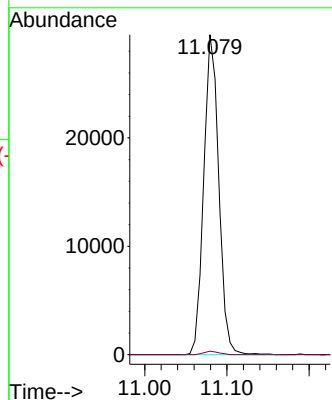
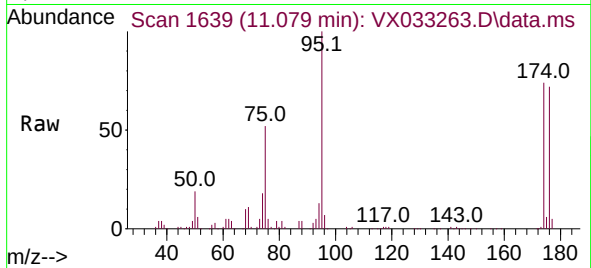




#76
1,2,3-Trichloropropane
Concen: 27.299 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033263.D
Acq: 06 Dec 2022 16:59

Instrument :
MSVOA_X
ClientSampleId :
22-MW-1SDL

Tgt Ion: 75 Resp: 37458
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033263.D
Acq: 06 Dec 2022 16:59

Tgt Ion: 75 Resp: 37458
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

