

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026229.D
 Acq On : 03 Jan 2022 18:42
 Operator : JC/MD
 Sample : M5328-10 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 03:53:37 2022
 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)

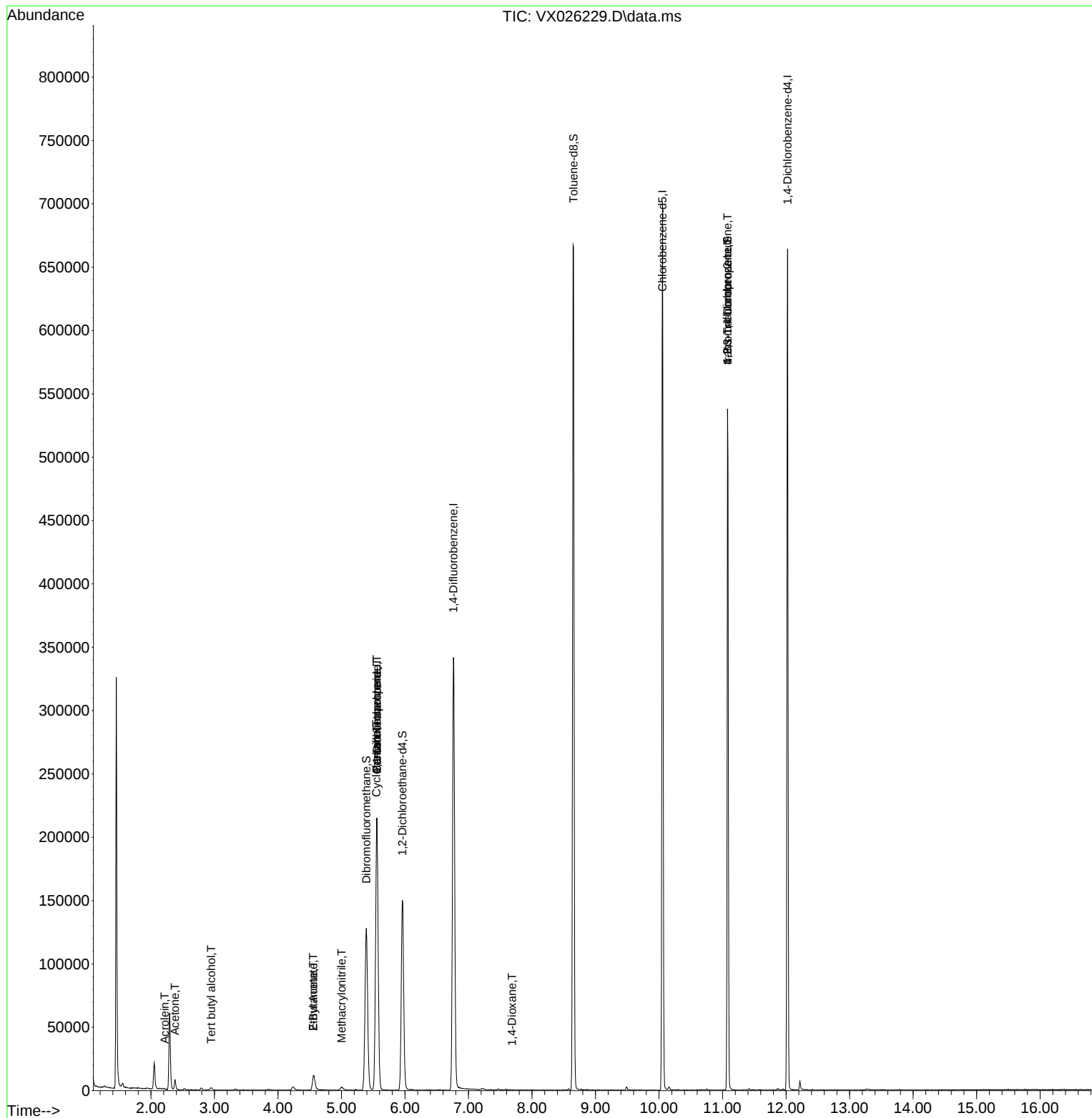
Internal Standards						
1) Pentafluorobenzene	5.556	168	190952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	331803	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147771	53.491	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.980%			
35) Dibromofluoromethane	5.391	113	108384	50.244	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.480%			
50) Toluene-d8	8.653	98	390490	48.666	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.340%			
62) 4-Bromofluorobenzene	11.079	95	136956	47.947	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.900%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	1684	3.052	ug/l #	76
13) Acrolein	2.215	56	52	0.264	ug/l #	14
16) Acetone	2.380	43	8382	5.600	ug/l	91
20) Methylene Chloride	2.788	84	797	Below Cal		86
25) 2-Butanone	4.556	43	19804	9.498	ug/l #	87
31) Cyclohexane	5.550	56	5028	1.278	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	16394	4.712	ug/l #	50
37) Ethyl Acetate	4.556	43	19804	4.909	ug/l #	69
38) Carbon Tetrachloride	5.556	117	20340	5.256	ug/l #	14
41) Methacrylonitrile	5.001	41	799	0.351	ug/l #	39
49) 1,4-Dioxane	7.684	88	23	0.396	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	76413	24.715	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	76413	71.501	ug/l #	10

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

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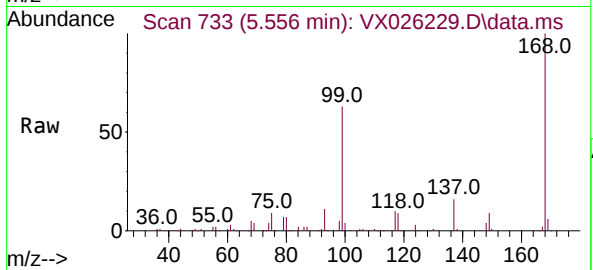
Quant Time: Jan 04 03:53:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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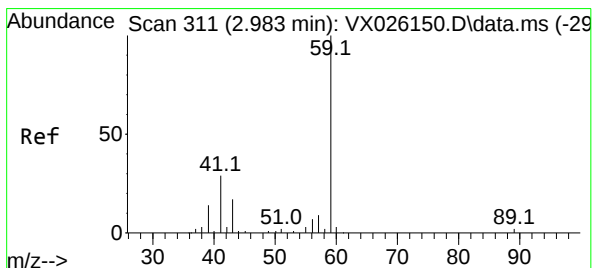
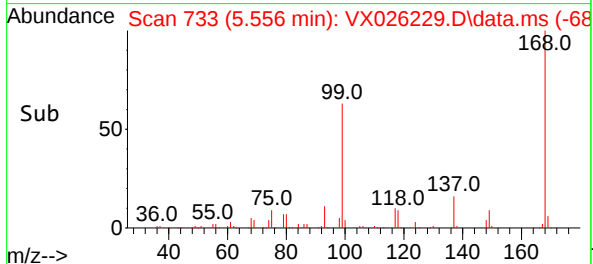
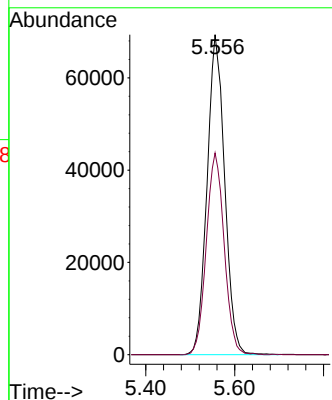


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026229.D
Acq: 03 Jan 2022 18:42

Instrument :
MSVOA_X
ClientSampleId :

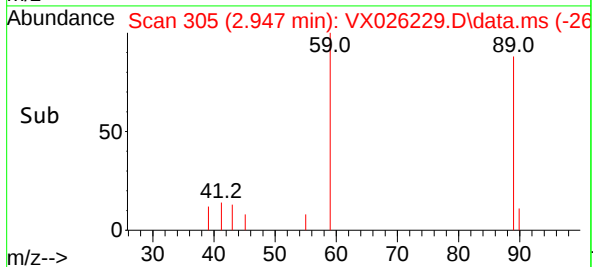
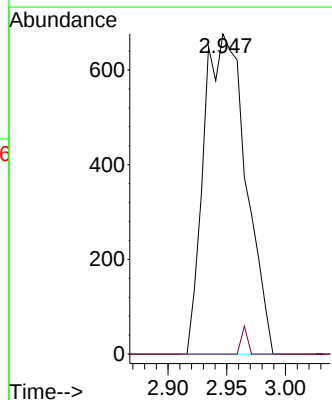
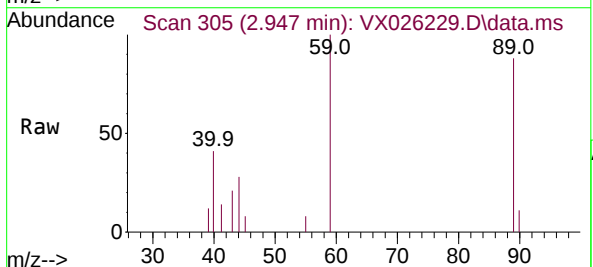


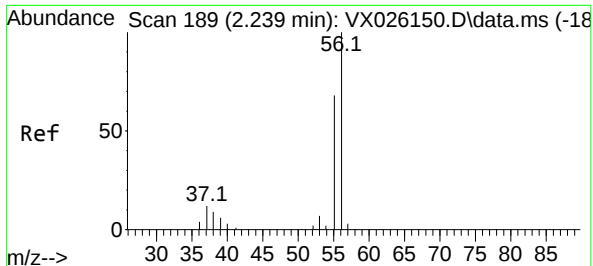
Tgt Ion:168 Resp: 190952
Ion Ratio Lower Upper
168 100
99 63.1 45.8 68.8



#11
Tert butyl alcohol
Concen: 3.052 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX026229.D
Acq: 03 Jan 2022 18:42

Tgt Ion: 59 Resp: 1684
Ion Ratio Lower Upper
59 100
57 1.3 8.2 12.2#

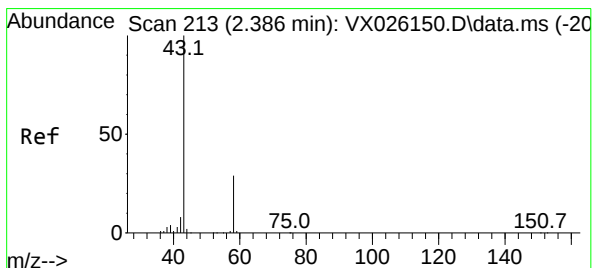
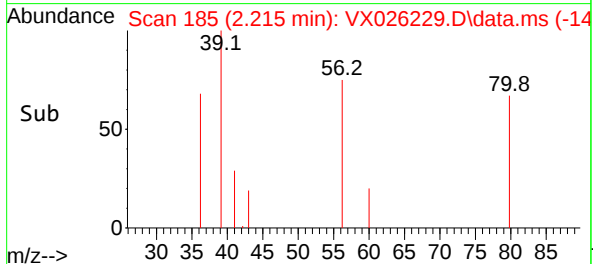
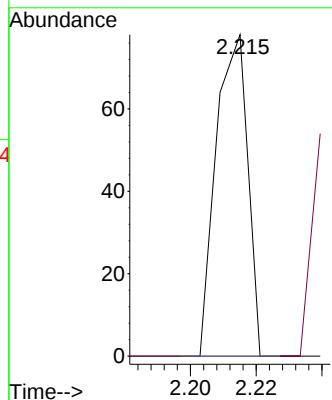
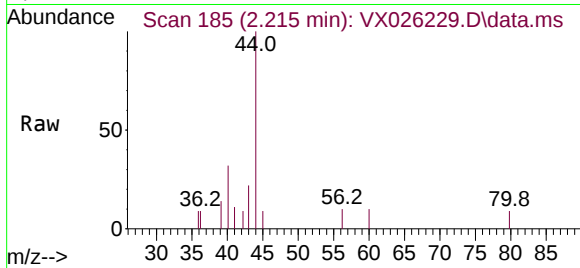




#13
Acrolein
Concen: 0.264 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026229.D
Acq: 03 Jan 2022 18:42

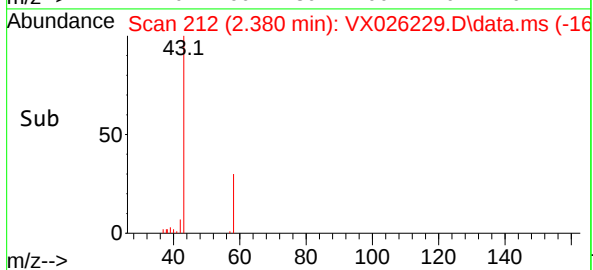
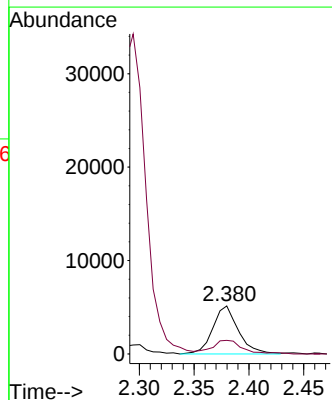
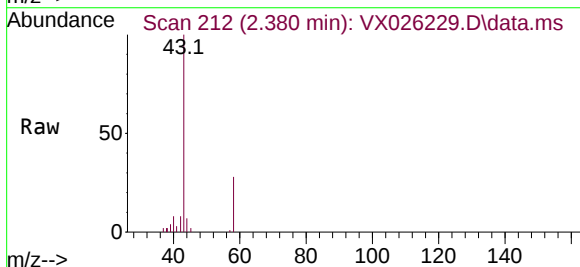
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.2#



#16
Acetone
Concen: 5.600 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026229.D
Acq: 03 Jan 2022 18:42

Tgt Ion: 43 Resp: 8382
Ion Ratio Lower Upper
43 100
58 26.0 24.8 37.2





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. -0.006 min

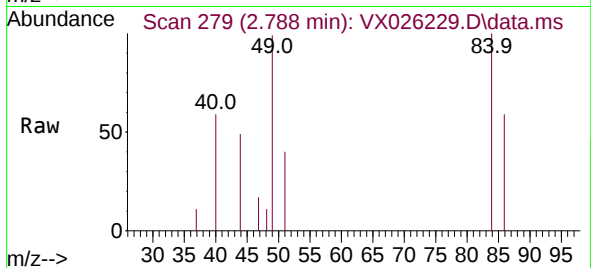
Lab File: VX026229.D

Acq: 03 Jan 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 797

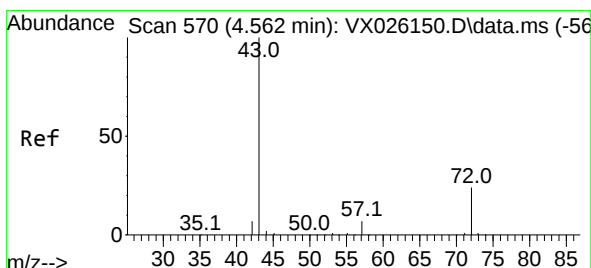
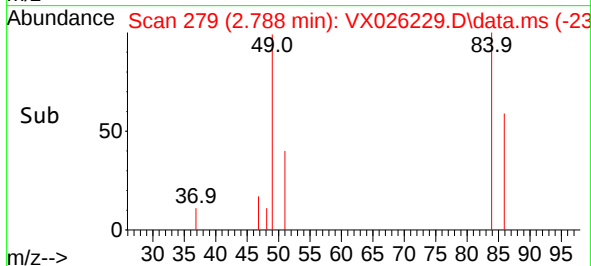
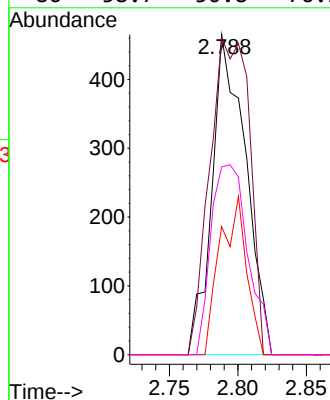
Ion Ratio Lower Upper

84 100

49 99.1 97.1 145.7

51 40.0 29.3 43.9

86 58.7 50.8 76.2



#25

2-Butanone

Concen: 9.498 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.006 min

Lab File: VX026229.D

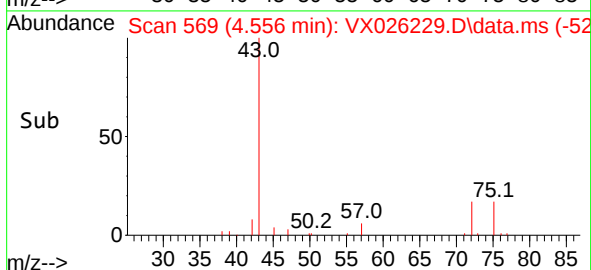
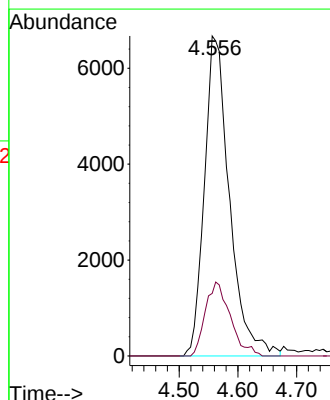
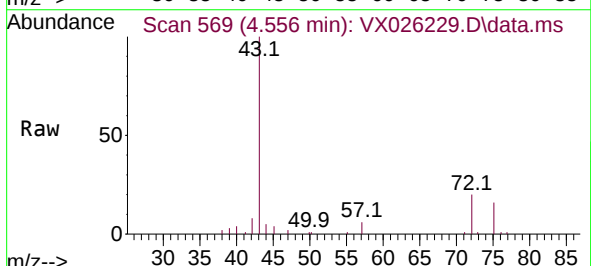
Acq: 03 Jan 2022 18:42

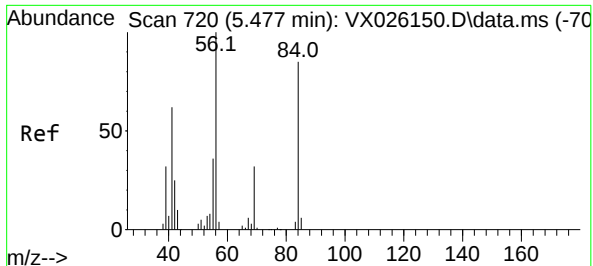
Tgt Ion: 43 Resp: 19804

Ion Ratio Lower Upper

43 100

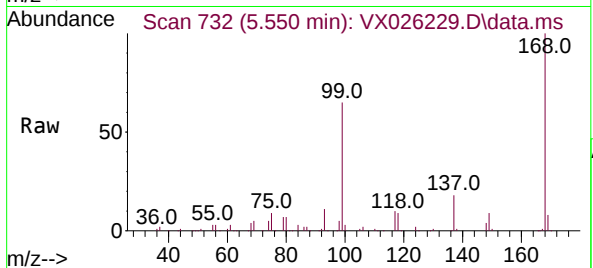
72 19.6 21.0 31.4#



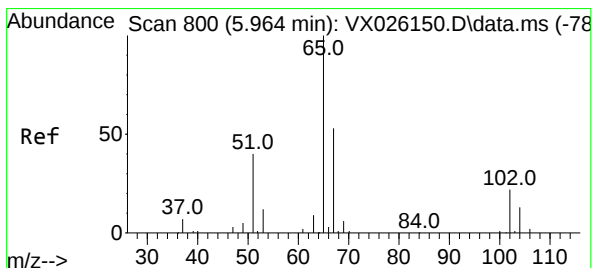
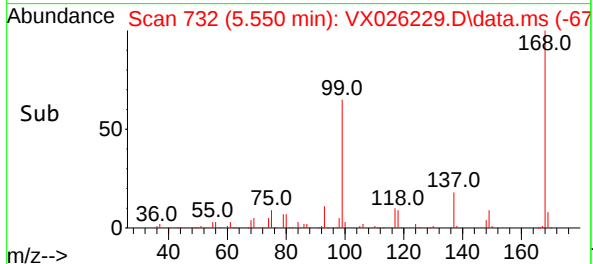
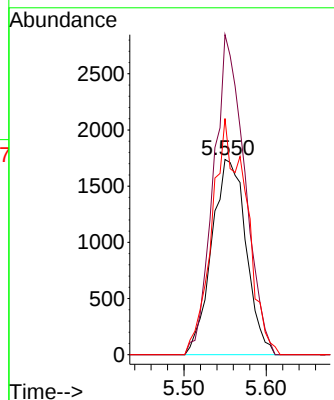


#31
Cyclohexane
Concen: 1.278 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX026229.D
Acq: 03 Jan 2022 18:42

Instrument :
MSVOA_X
ClientSampleId :

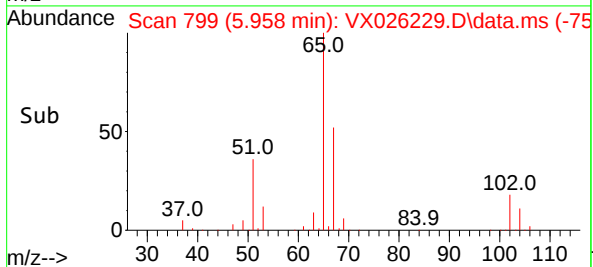
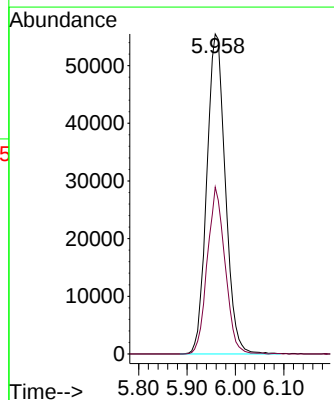
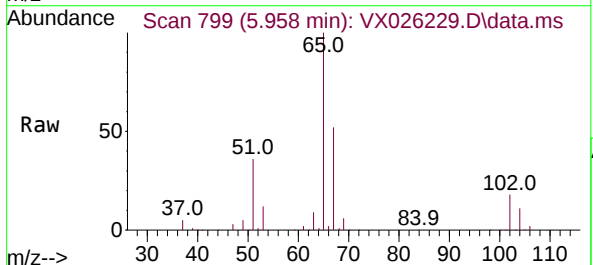


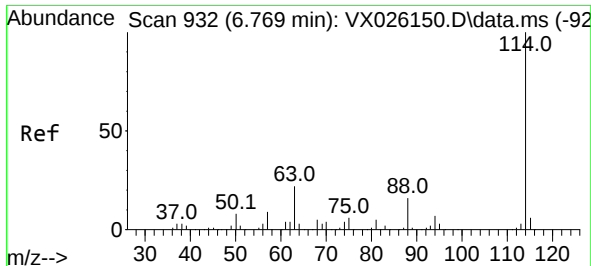
Tgt Ion: 56 Resp: 5028
Ion Ratio Lower Upper
56 100
69 163.9 23.9 35.9#
84 120.9 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 53.491 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026229.D
Acq: 03 Jan 2022 18:42

Tgt Ion: 65 Resp: 147771
Ion Ratio Lower Upper
65 100
67 49.9 0.0 103.4

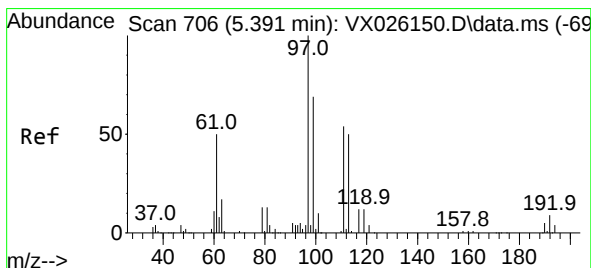
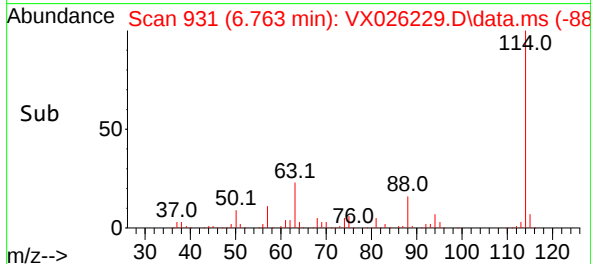
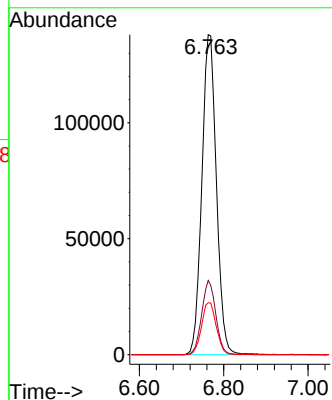
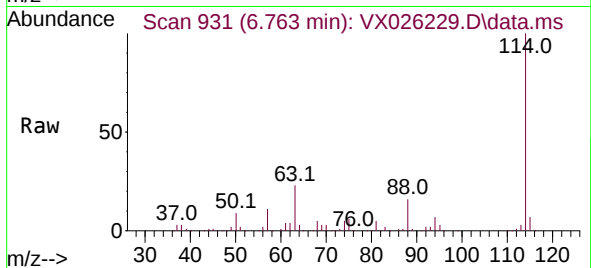




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026229.D
Acq: 03 Jan 2022 18:42

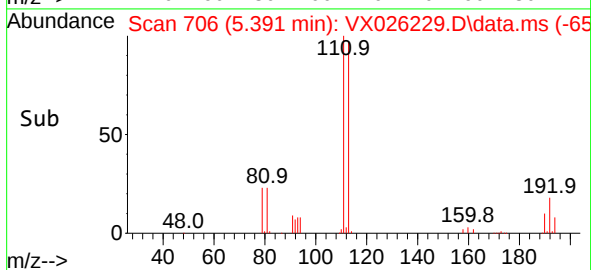
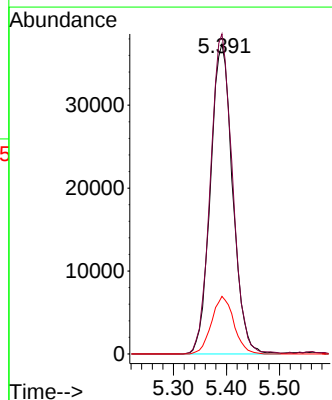
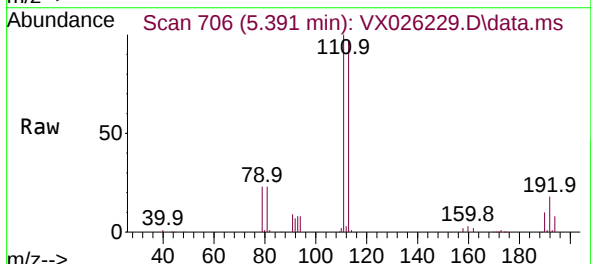
Instrument :
MSVOA_X
ClientSampleId :

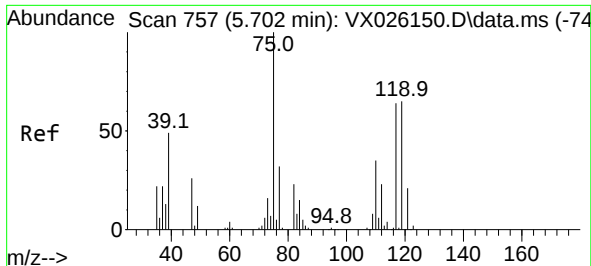
Tgt Ion:114 Resp: 331803
Ion Ratio Lower Upper
114 100
63 23.2 0.0 40.0
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.244 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026229.D
Acq: 03 Jan 2022 18:42

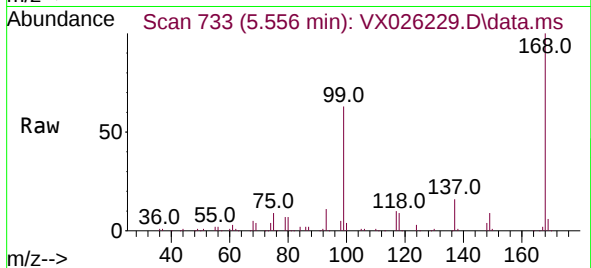
Tgt Ion:113 Resp: 108384
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 18.7 15.0 22.4



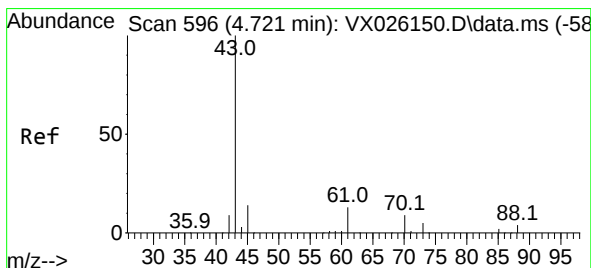
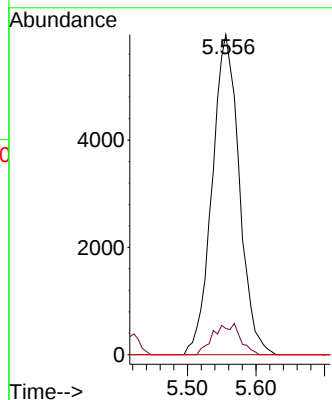
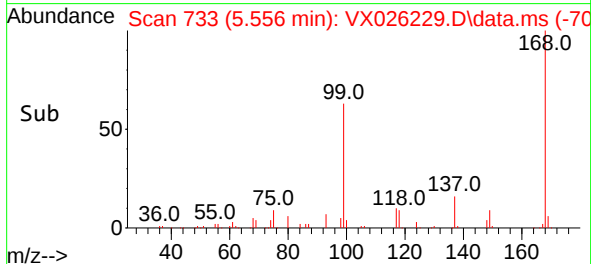


#36
1,1-Dichloropropene
Concen: 4.712 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX026229.D
Acq: 03 Jan 2022 18:42

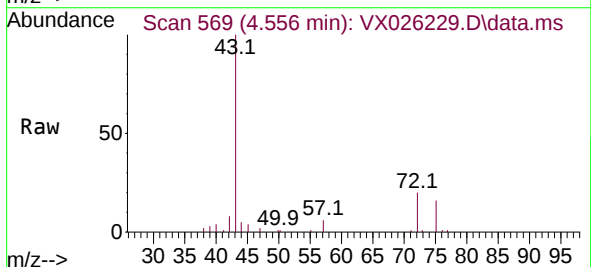
Instrument :
MSVOA_X
ClientSampleId :



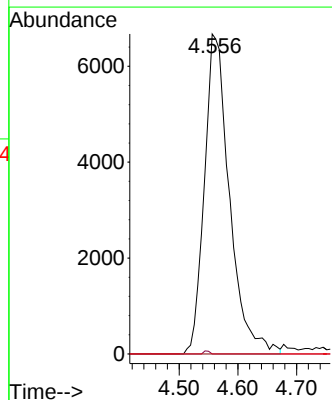
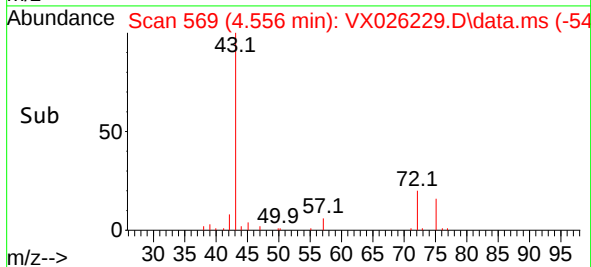
Tgt Ion: 75 Resp: 16394
Ion Ratio Lower Upper
75 100
110 9.6 18.2 54.6#
77 0.0 24.7 37.1#

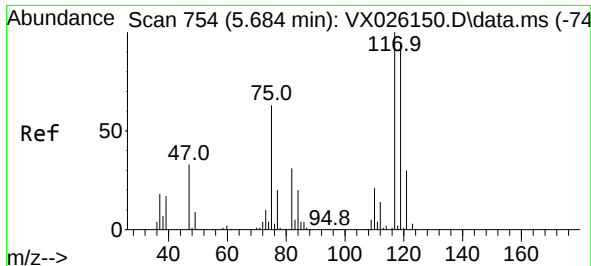


#37
Ethyl Acetate
Concen: 4.909 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.165 min
Lab File: VX026229.D
Acq: 03 Jan 2022 18:42



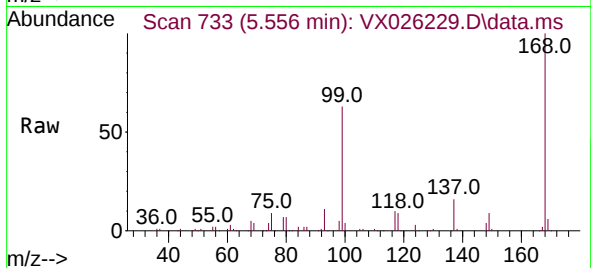
Tgt Ion: 43 Resp: 19804
Ion Ratio Lower Upper
43 100
61 0.2 10.7 16.1#
70 0.0 8.5 12.7#



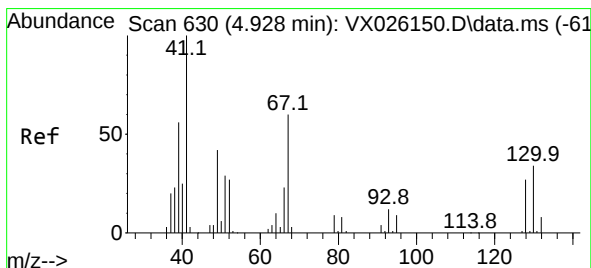
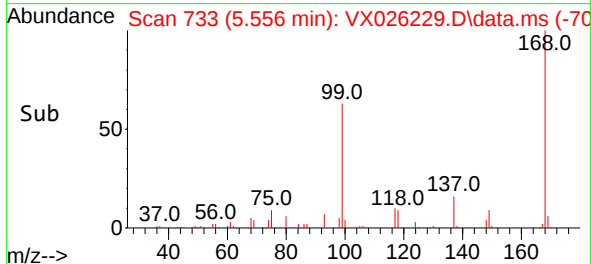
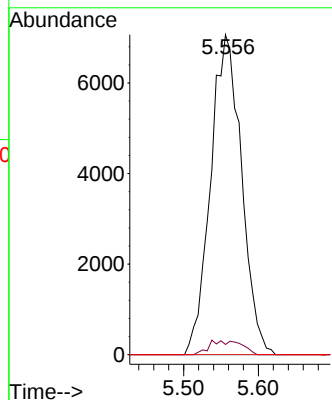


#38
Carbon Tetrachloride
Concen: 5.256 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026229.D
Acq: 03 Jan 2022 18:42

Instrument :
MSVOA_X
ClientSampleId :

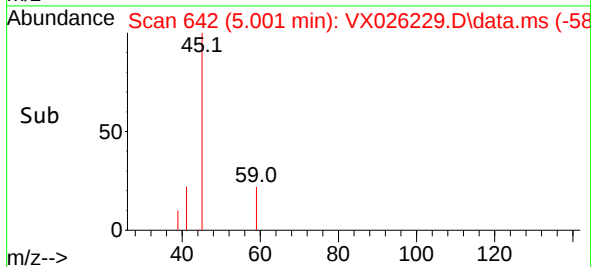
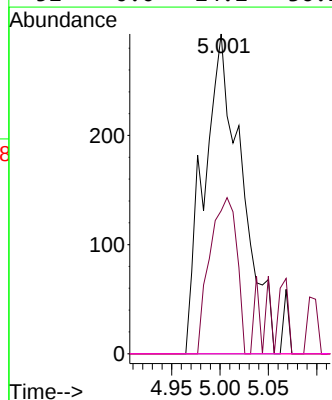
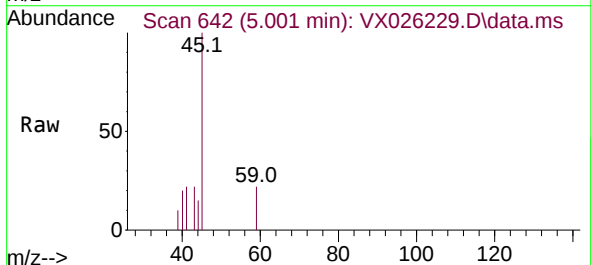


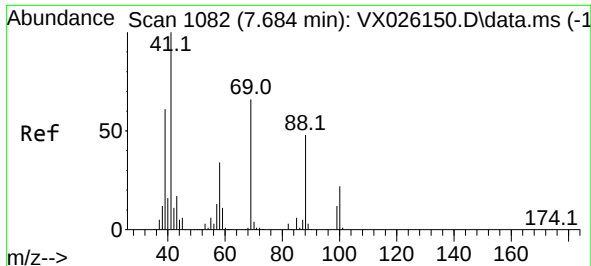
Tgt Ion:117 Resp: 20340
Ion Ratio Lower Upper
117 100
119 3.2 77.2 115.8#
121 0.0 23.8 35.8#



#41
Methacrylonitrile
Concen: 0.351 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.073 min
Lab File: VX026229.D
Acq: 03 Jan 2022 18:42

Tgt Ion: 41 Resp: 799
Ion Ratio Lower Upper
41 100
39 34.5 44.2 66.2#
67 0.0 59.7 89.5#
52 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 0.396 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. -0.000 min

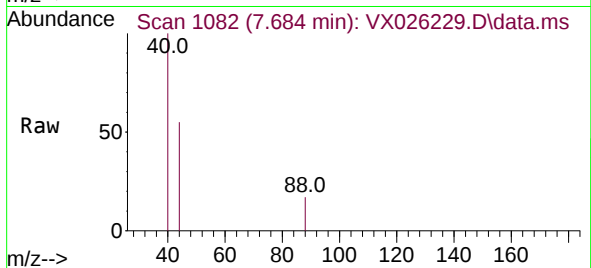
Lab File: VX026229.D

Acq: 03 Jan 2022 18:42

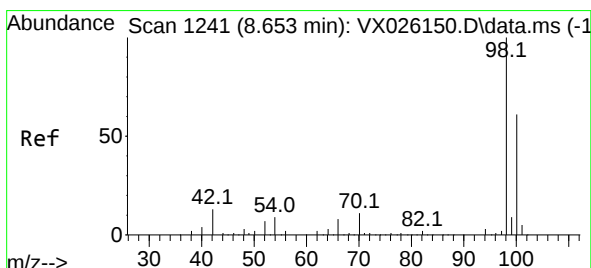
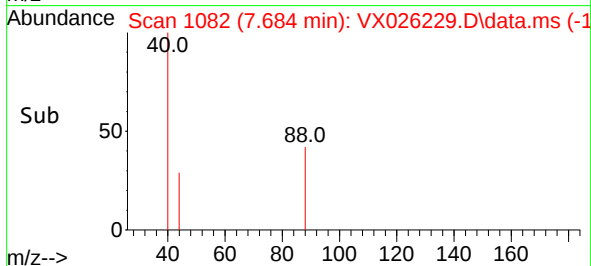
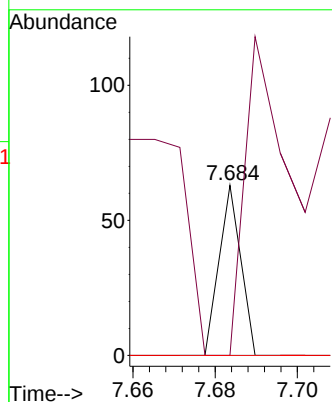
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	88	Resp:	23
Ion	Ratio	Lower	Upper
88	100		
43	391.3	25.3	37.9#
58	0.0	51.8	77.6#



#50

Toluene-d8

Concen: 48.666 ug/l

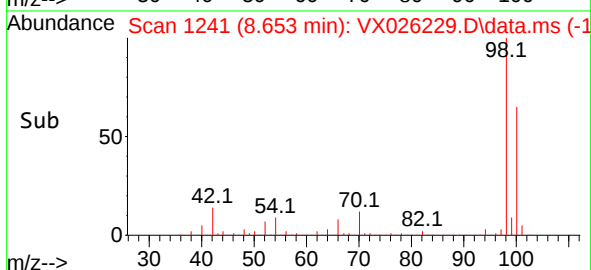
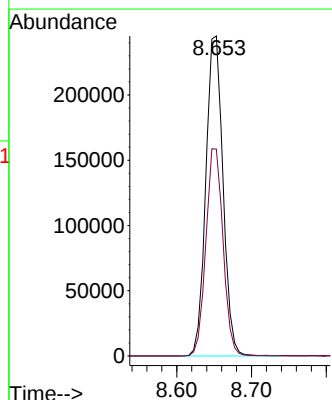
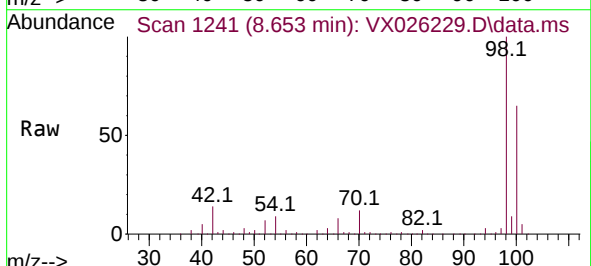
RT: 8.653 min Scan# 1241

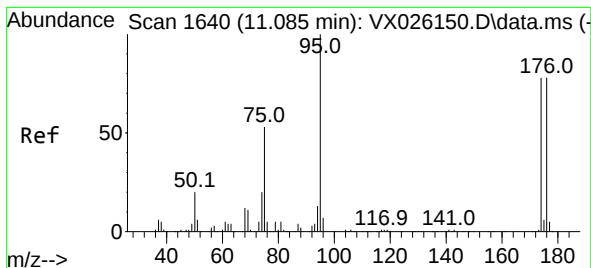
Delta R.T. -0.000 min

Lab File: VX026229.D

Acq: 03 Jan 2022 18:42

Tgt Ion:	98	Resp:	390490
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.6	78.8

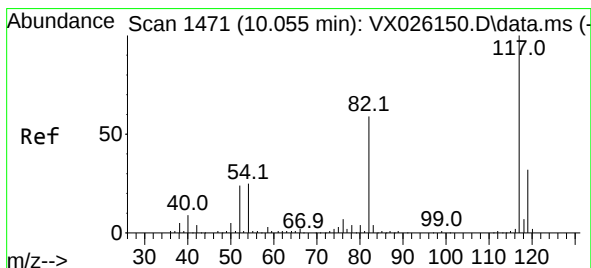
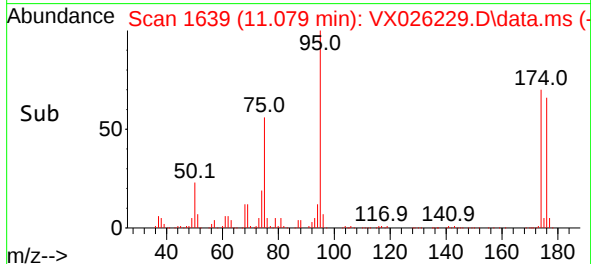
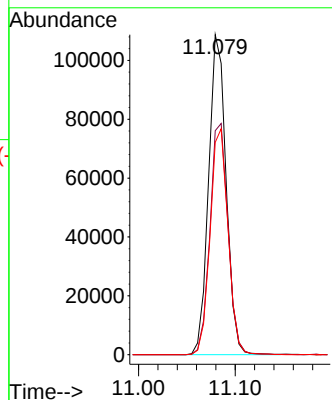
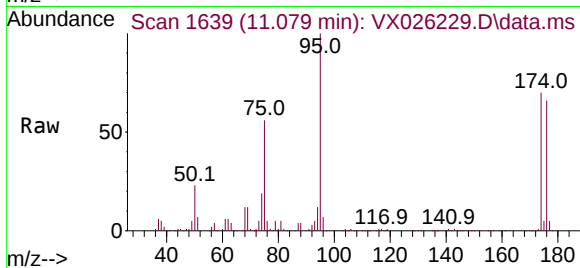




#62
4-Bromofluorobenzene
Concen: 47.947 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX026229.D
Acq: 03 Jan 2022 18:42

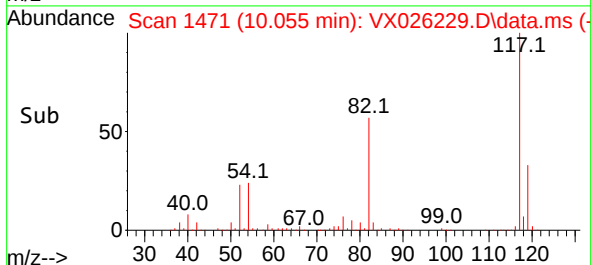
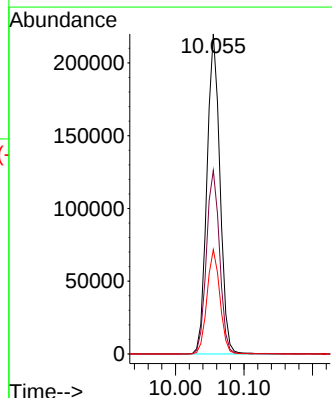
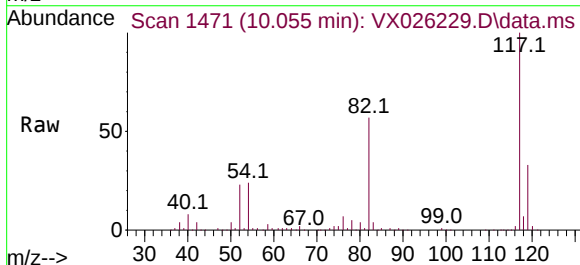
Instrument :
MSVOA_X
ClientSampleId :

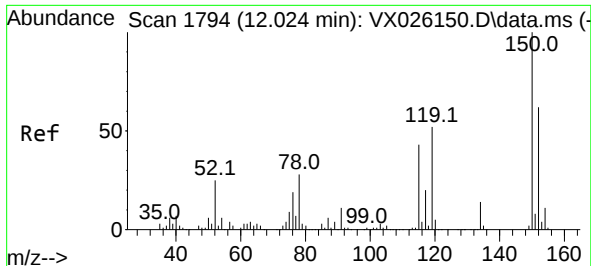
Tgt Ion: 95 Resp: 136956
Ion Ratio Lower Upper
95 100
174 74.8 0.0 157.4
176 72.2 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026229.D
Acq: 03 Jan 2022 18:42

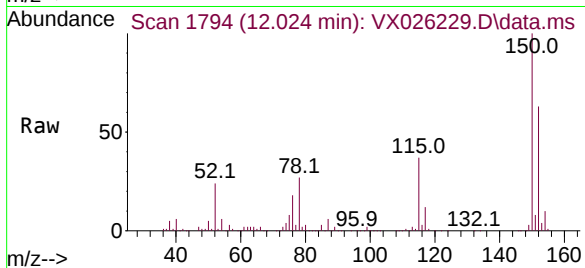
Tgt Ion: 117 Resp: 290710
Ion Ratio Lower Upper
117 100
82 57.3 43.8 65.6
119 32.6 25.2 37.8



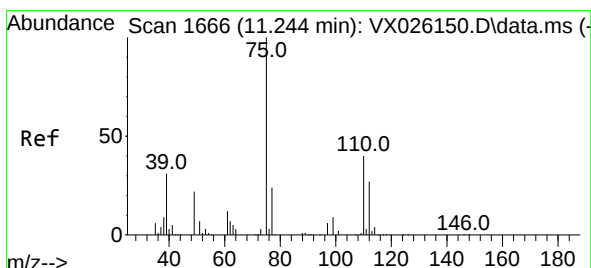
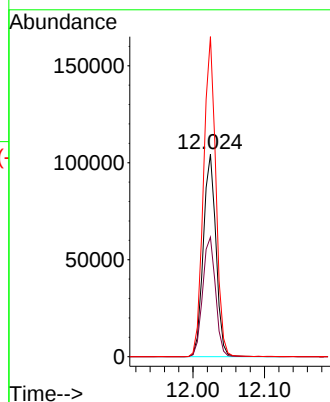
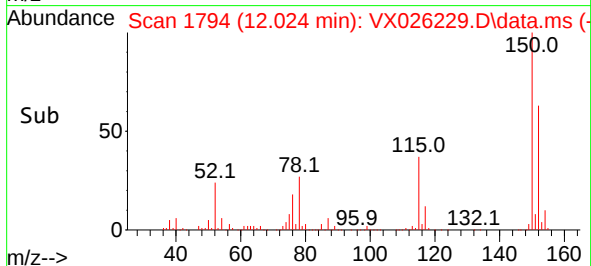


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX026229.D
 Acq: 03 Jan 2022 18:42

Instrument :
 MSVOA_X
 ClientSampleId :

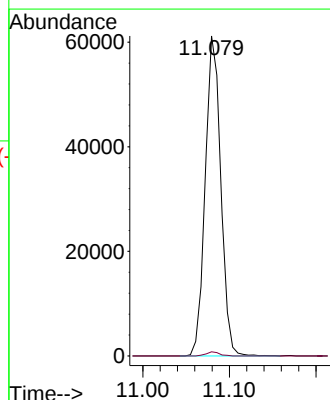
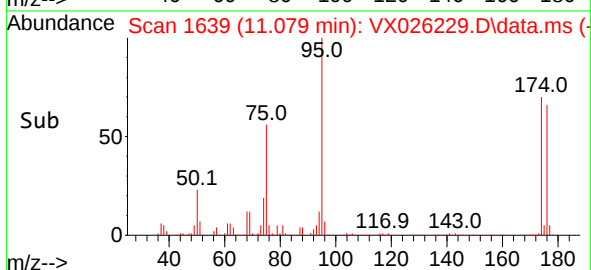
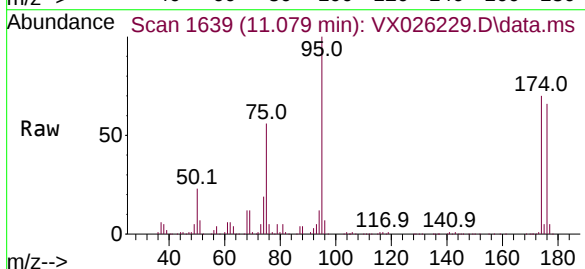


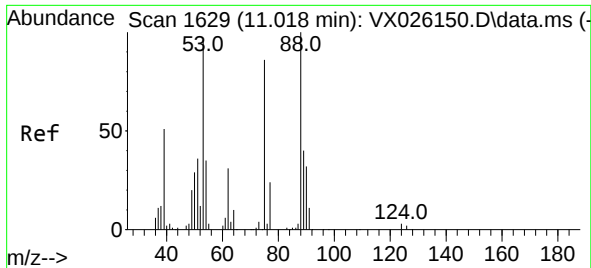
Tgt Ion:152 Resp: 128089
 Ion Ratio Lower Upper
 152 100
 115 60.3 41.3 123.9
 150 154.6 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 24.715 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026229.D
 Acq: 03 Jan 2022 18:42

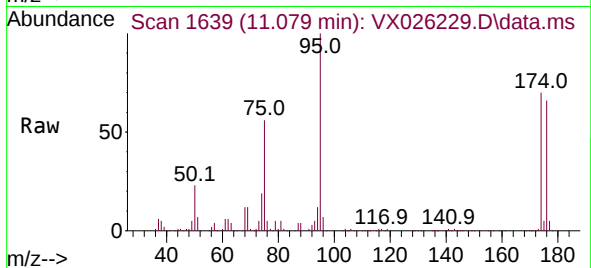
Tgt Ion: 75 Resp: 76413
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.501 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026229.D
 Acq: 03 Jan 2022 18:42

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 76413
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

