

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029853.D
 Acq On : 29 Jun 2022 11:52
 Operator : JC/MD
 Sample : N3494-14DL 10X
 Misc : 5.81g/5.00mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-EXC-1-5-GRDL

Quant Time: Jun 29 15:01:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

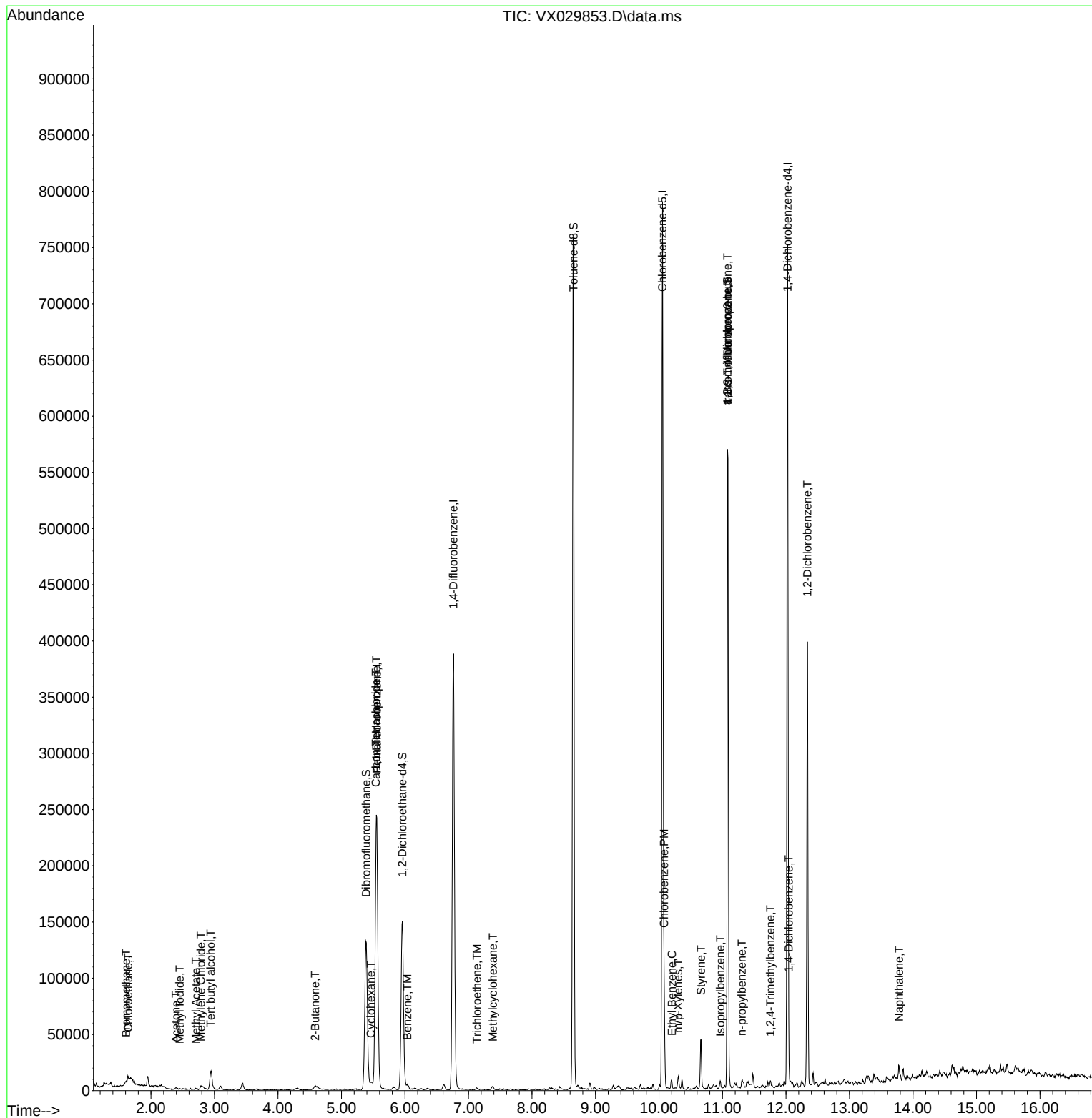
Internal Standards						
1) Pentafluorobenzene	5.556	168	247637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	419535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133772	42.675	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.360%		
35) Dibromofluoromethane	5.385	113	118159	45.067	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.140%		
50) Toluene-d8	8.653	98	479638	48.764	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.520%		
62) 4-Bromofluorobenzene	11.079	95	161183	46.359	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.720%		
Target Compounds						Qvalue
5) Bromomethane	1.605	94	384	0.252	ug/l #	68
6) Chloroethane	1.642	64	256	1.160	ug/l #	73
10) Methyl Iodide	2.453	142	651	2.057	ug/l #	94
11) Tert butyl alcohol	2.941	59	10789	13.161	ug/l #	74
13) Acrolein	2.166	56	81	Below Cal	#	1
16) Acetone	2.392	43	1633	1.065	ug/l #	75
18) Methyl Acetate	2.709	43	1282	0.271	ug/l #	79
20) Methylene Chloride	2.788	84	1238	0.382	ug/l #	90
25) 2-Butanone	4.587	43	583	0.219	ug/l #	86
31) Cyclohexane	5.465	56	4571	1.046	ug/l	89
36) 1,1-Dichloropropene	5.550	75	18303	5.249	ug/l #	48
38) Carbon Tetrachloride	5.544	117	22970	7.602	ug/l #	18
39) Methylcyclohexane	7.385	83	1333	0.316	ug/l #	69
40) Benzene	6.038	78	4049	0.359	ug/l #	86
44) Trichloroethene	7.135	130	717	0.236	ug/l	96
65) Chlorobenzene	10.080	112	35783	4.920	ug/l	99
67) Ethyl Benzene	10.201	91	4691	0.371	ug/l #	87
68) m/p-Xylenes	10.299	106	2635	0.543	ug/l	100
70) Styrene	10.659	104	17130	2.109	ug/l	93
73) Isopropylbenzene	10.964	105	3082	0.267	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	76252	19.953	ug/l #	38
78) n-propylbenzene	11.305	91	4254	0.312	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	76252	63.367	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.756	105	2184	0.227	ug/l	91
88) 1,4-Dichlorobenzene	12.043	146	3341	0.614	ug/l #	38
91) 1,2-Dichlorobenzene	12.335	146	122839	23.440	ug/l	99
95) Naphthalene	13.780	128	8368	0.649	ug/l #	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
Data File : VX029853.D
Acq On : 29 Jun 2022 11:52
Operator : JC/MD
Sample : N3494-14DL 10X
Misc : 5.81g/5.00mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GRDL

Quant Time: Jun 29 15:01:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

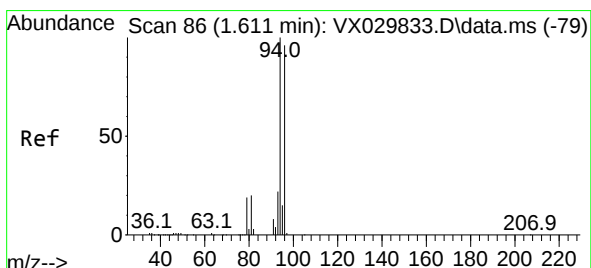
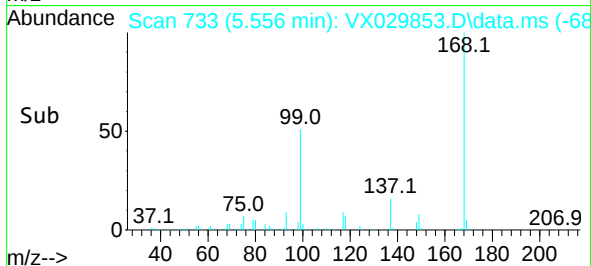
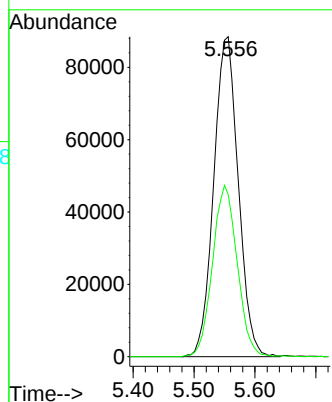
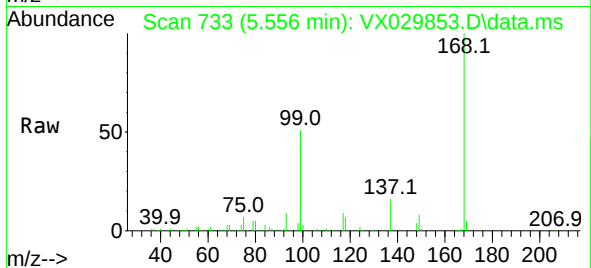




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

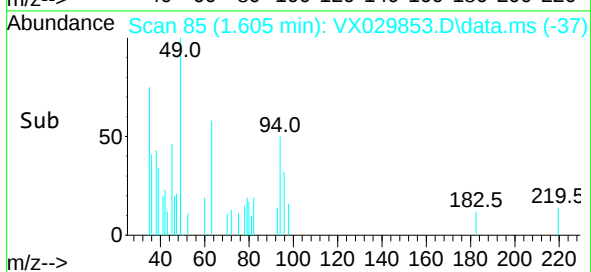
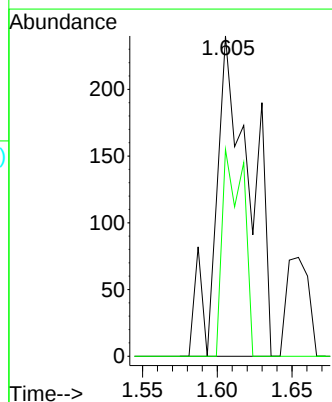
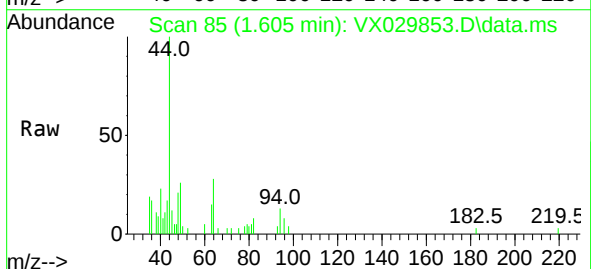
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GRDL

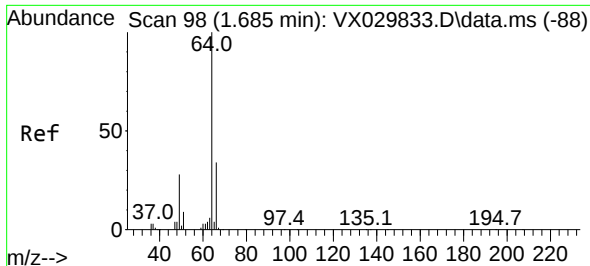
Tgt Ion:168 Resp: 247637
Ion Ratio Lower Upper
168 100
99 50.6 44.0 66.0



#5
Bromomethane
Concen: 0.252 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.006 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

Tgt Ion: 94 Resp: 384
Ion Ratio Lower Upper
94 100
96 64.6 76.9 115.3#

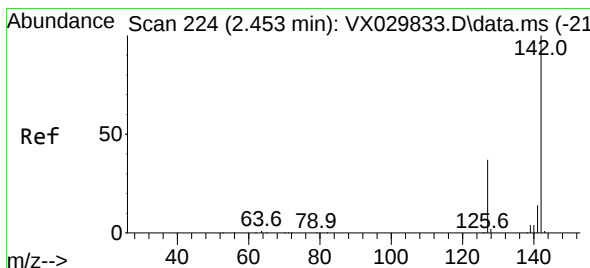
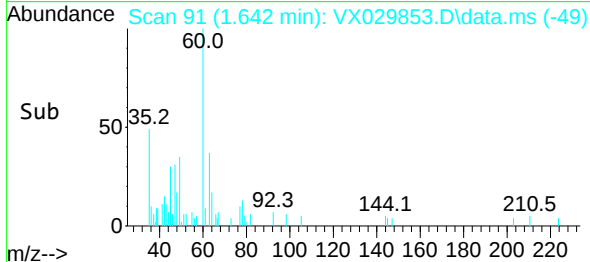
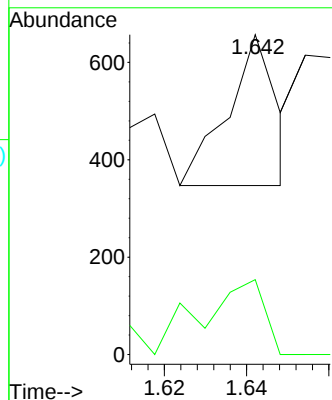
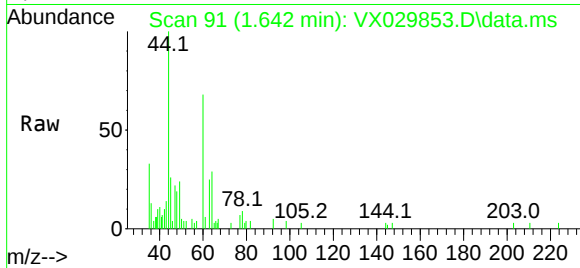




#6
Chloroethane
Concen: 1.160 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.043 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

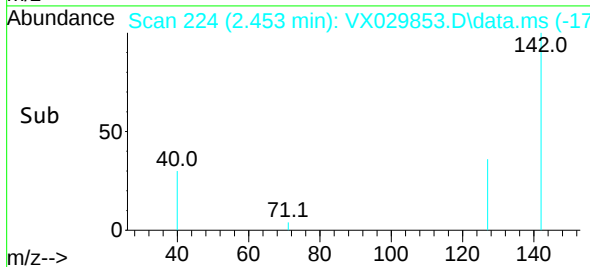
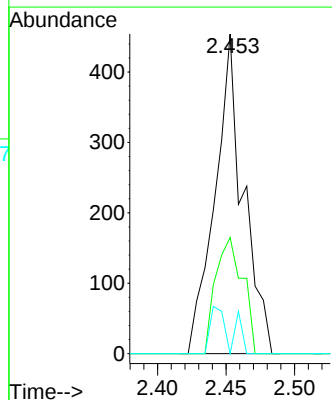
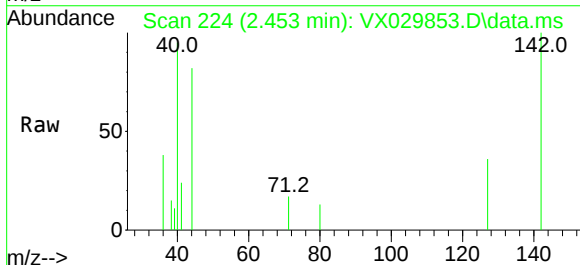
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GRDL

Tgt Ion: 64 Resp: 256
Ion Ratio Lower Upper
64 100
66 49.7 27.2 40.8#



#10
Methyl Iodide
Concen: 2.057 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

Tgt Ion: 142 Resp: 651
Ion Ratio Lower Upper
142 100
127 34.7 30.2 45.2
141 10.4 11.3 16.9#

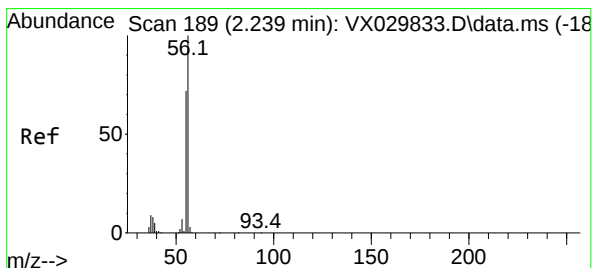
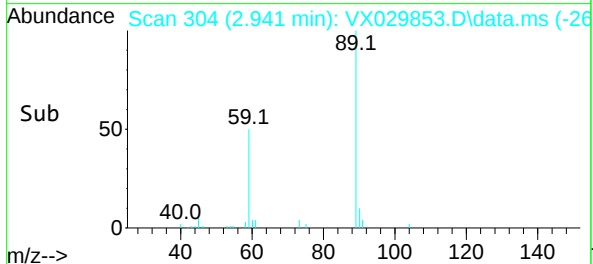
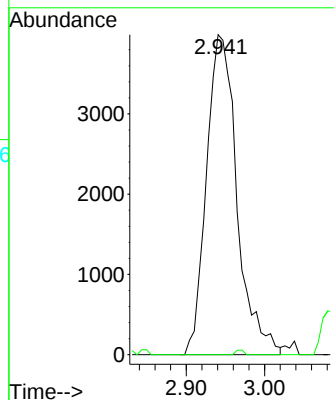
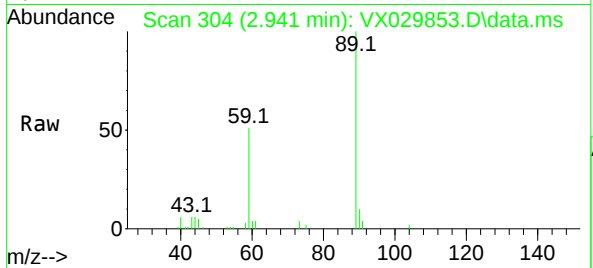




#11
Tert butyl alcohol
Concen: 13.161 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

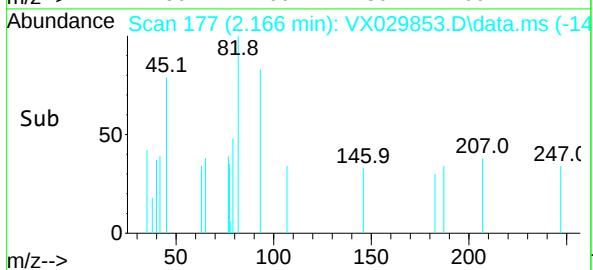
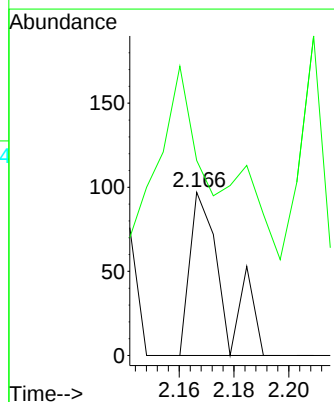
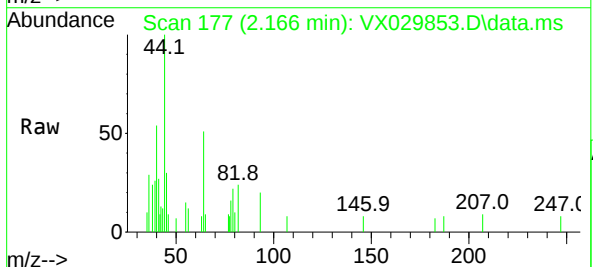
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GRDL

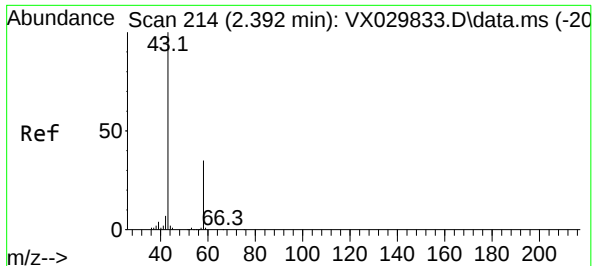
Tgt Ion: 59 Resp: 10789
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: Below Cal
RT: 2.166 min Scan# 177
Delta R.T. -0.073 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

Tgt Ion: 56 Resp: 81
Ion Ratio Lower Upper
56 100
55 464.2 56.6 84.8#

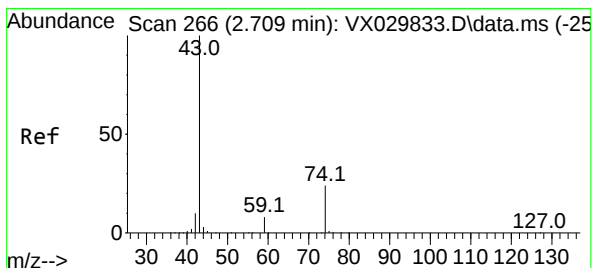
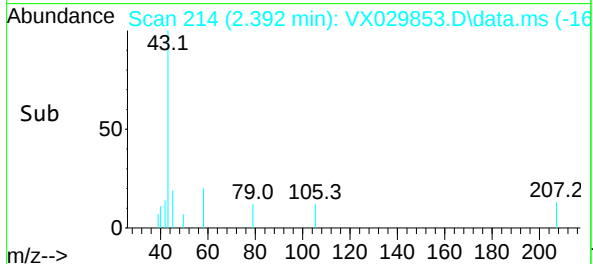
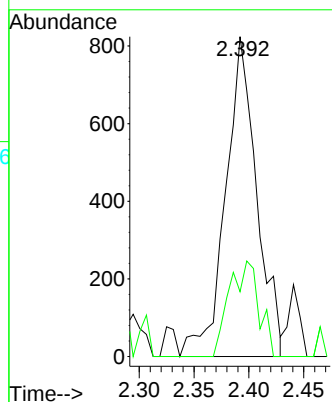
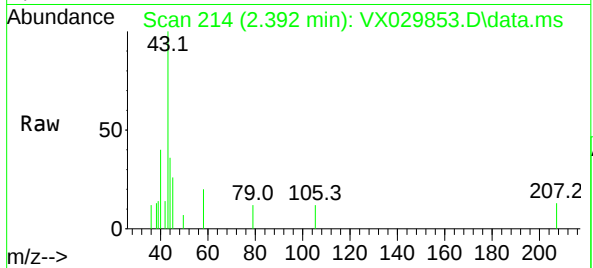




#16
Acetone
Concen: 1.065 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

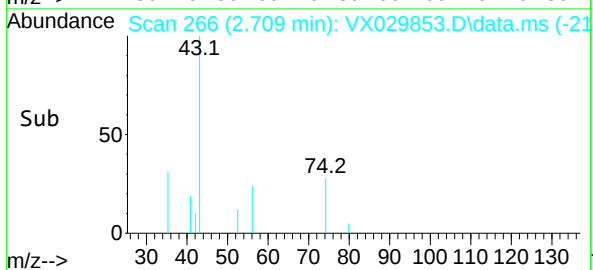
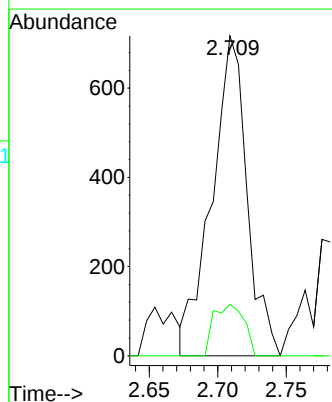
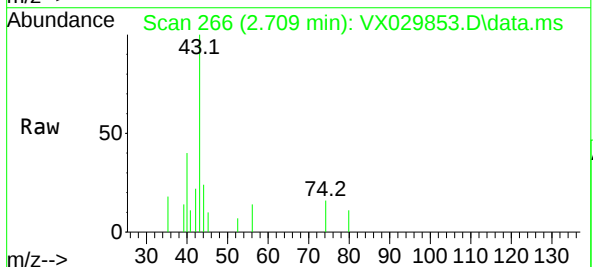
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GRDL

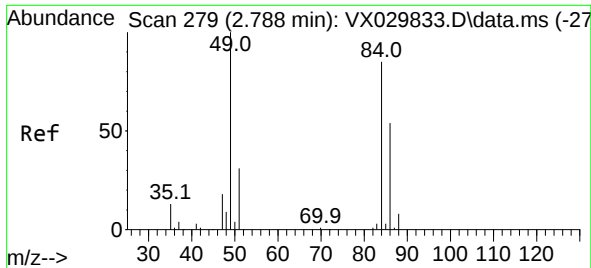
Tgt Ion: 43 Resp: 1633
Ion Ratio Lower Upper
43 100
58 20.3 27.7 41.5#



#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

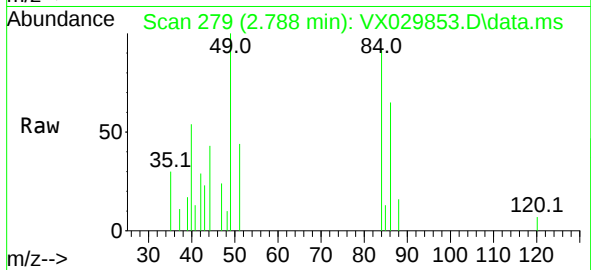
Tgt Ion: 43 Resp: 1282
Ion Ratio Lower Upper
43 100
74 13.8 19.4 29.2#



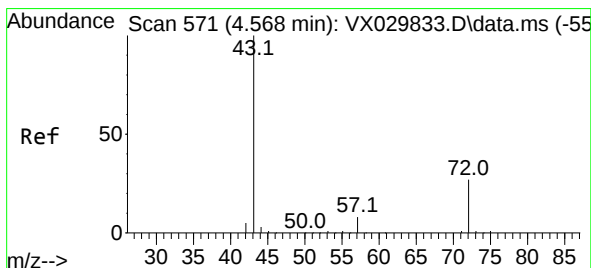
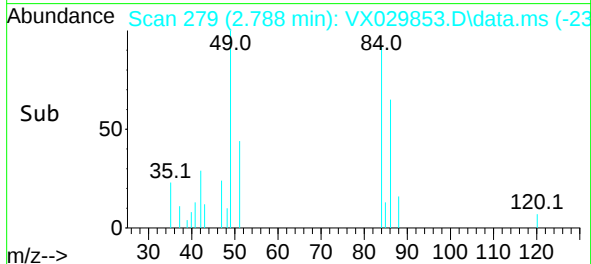
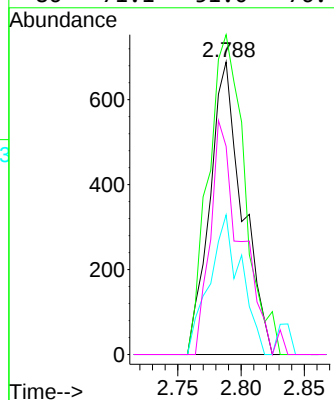


#20
Methylene Chloride
Concen: 0.382 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GRDL

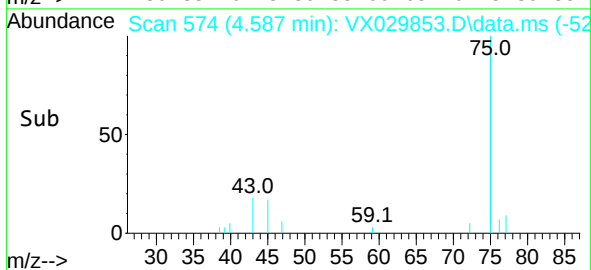
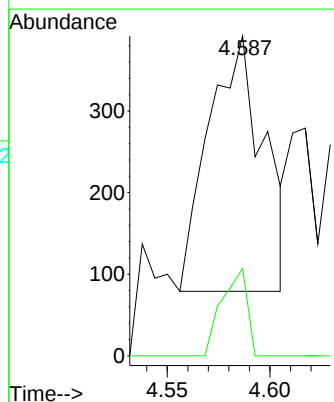
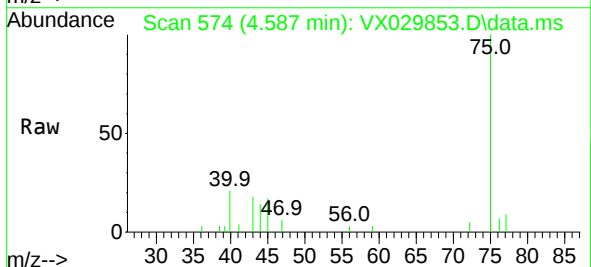


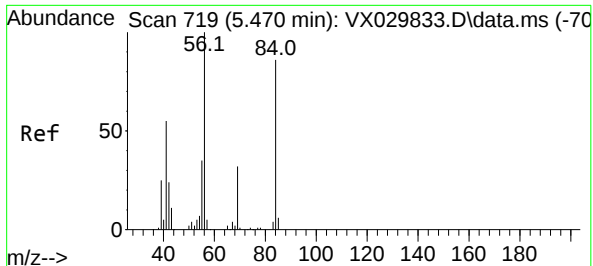
Tgt Ion:	84	Resp:	1238
Ion	Ratio	Lower	Upper
84	100		
49	109.3	93.8	140.6
51	47.8	29.4	44.0#
86	71.1	51.0	76.4



#25
2-Butanone
Concen: 0.219 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

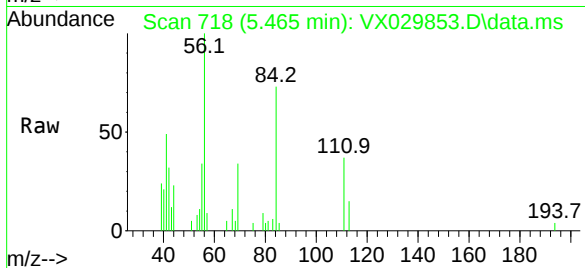
Tgt Ion:	43	Resp:	583
Ion	Ratio	Lower	Upper
43	100		
72	34.2	21.7	32.5#



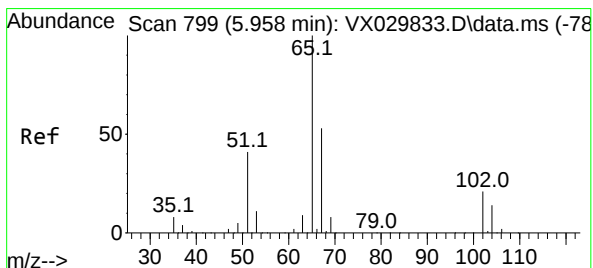
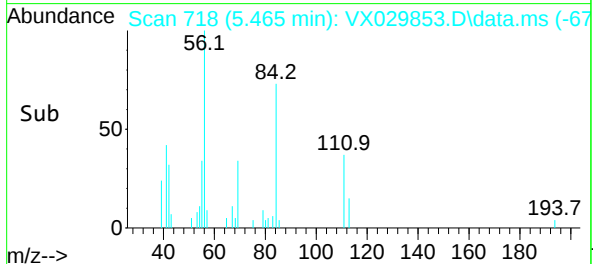
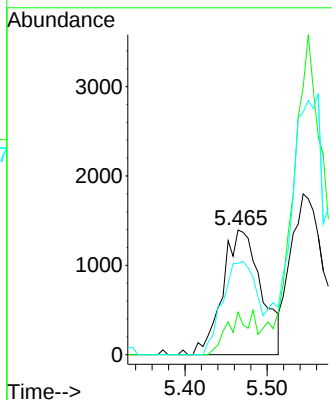


#31
Cyclohexane
Concen: 1.046 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GRDL

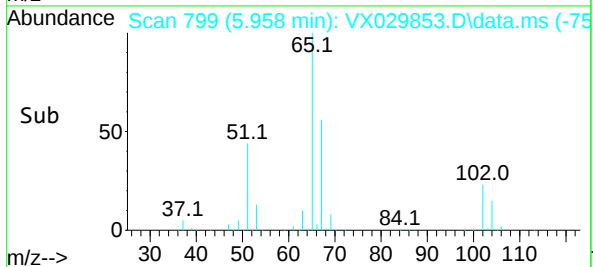
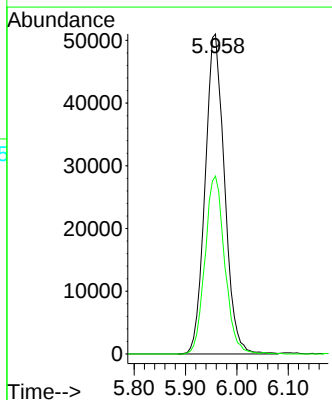
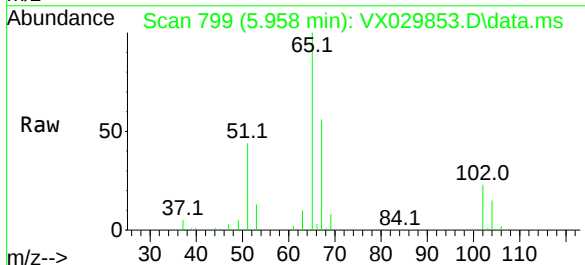


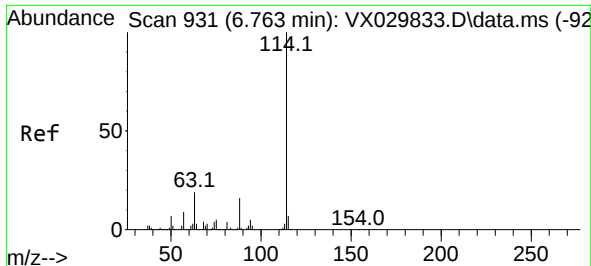
Tgt Ion:	56	Resp:	4571
Ion	Ratio	Lower	Upper
56	100		
69	34.1	25.4	38.0
84	73.3	68.9	103.3



#33
1,2-Dichloroethane-d4
Concen: 42.675 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

Tgt Ion:	65	Resp:	133772
Ion	Ratio	Lower	Upper
65	100		
67	56.2	0.0	109.6

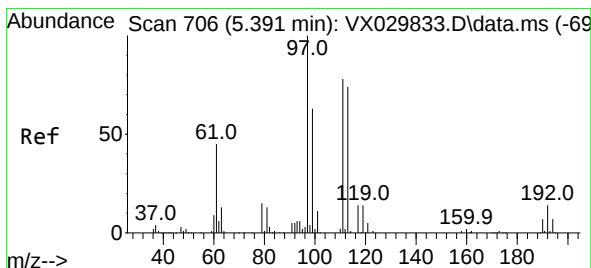
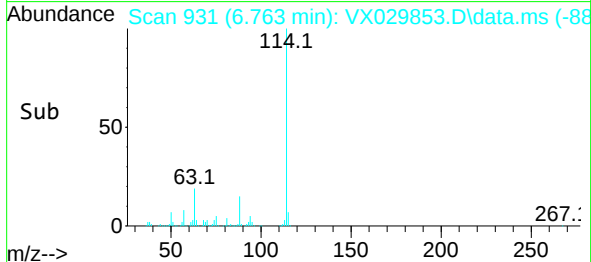
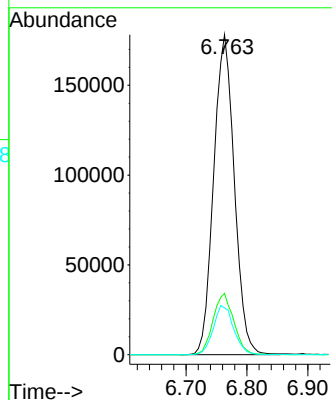
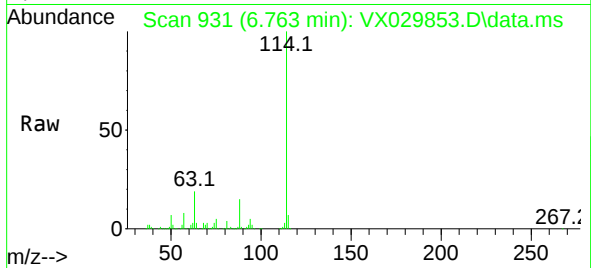




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

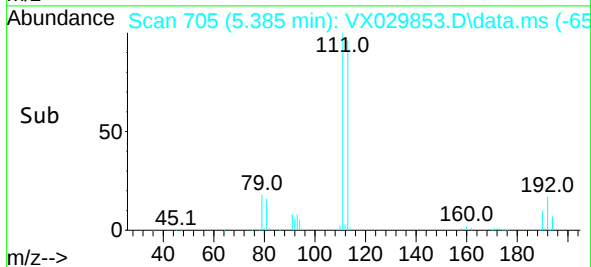
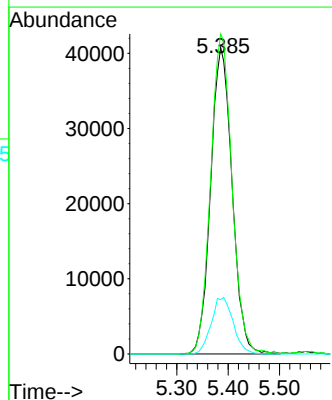
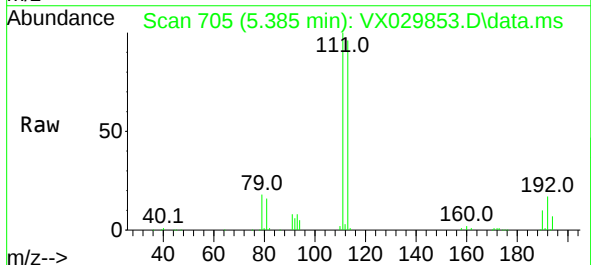
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GRDL

Tgt Ion:114 Resp: 419535
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.4
88 14.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.067 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

Tgt Ion:113 Resp: 118159
Ion Ratio Lower Upper
113 100
111 103.9 83.2 124.8
192 18.8 14.8 22.2

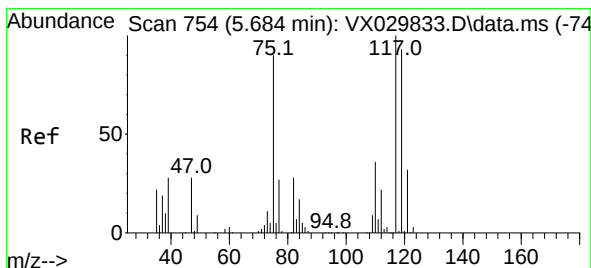
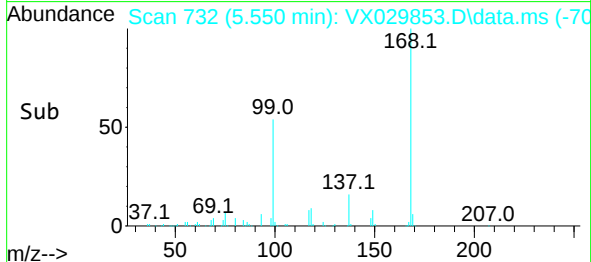
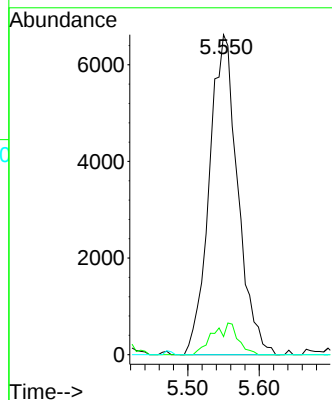
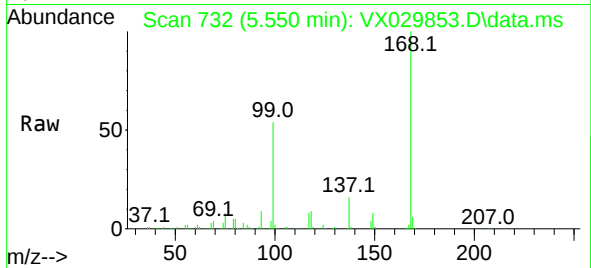




#36
 1,1-Dichloropropene
 Concen: 5.249 ug/l
 RT: 5.550 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX029853.D
 Acq: 29 Jun 2022 11:52

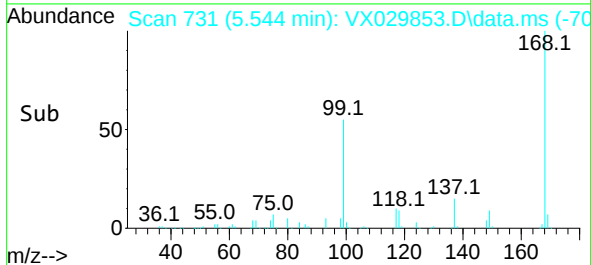
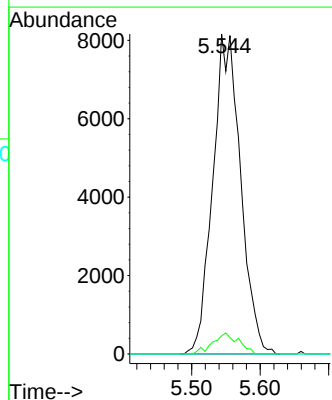
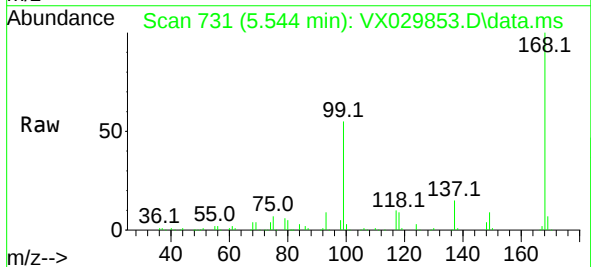
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-EXC-1-5-GRDL

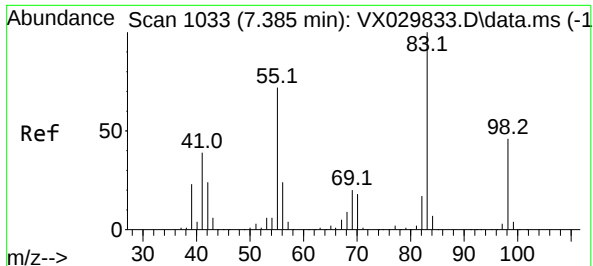
Tgt Ion: 75 Resp: 18303
 Ion Ratio Lower Upper
 75 100
 110 8.8 19.3 57.9#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 7.602 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.140 min
 Lab File: VX029853.D
 Acq: 29 Jun 2022 11:52

Tgt Ion: 117 Resp: 22970
 Ion Ratio Lower Upper
 117 100
 119 5.7 74.1 111.1#
 121 0.0 25.8 38.8#





#39

Methylcyclohexane

Concen: 0.316 ug/l

RT: 7.385 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029853.D

Acq: 29 Jun 2022 11:52

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-1-5-GRDL

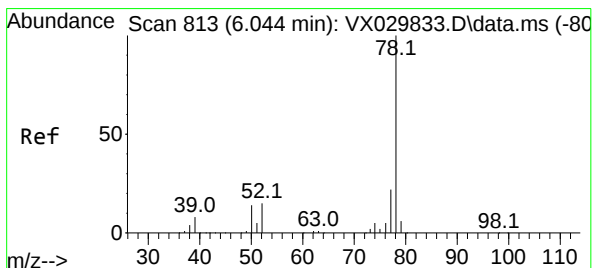
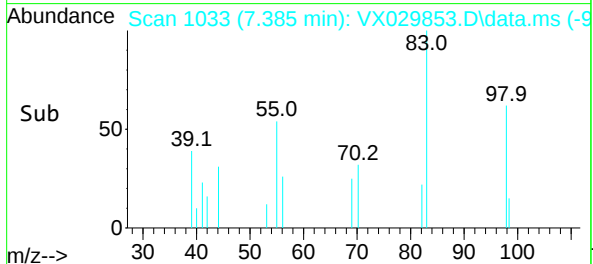
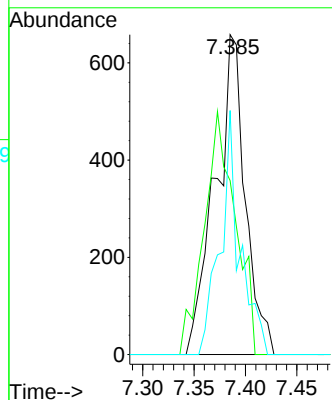
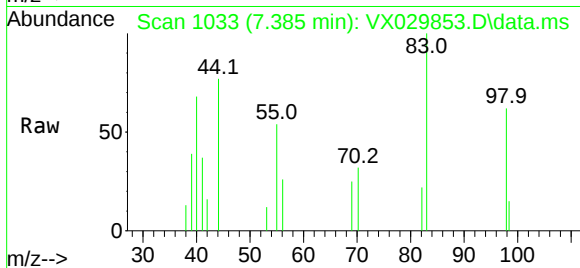
Tgt Ion: 83 Resp: 1333

Ion Ratio Lower Upper

83 100

55 54.4 57.7 86.5#

98 76.3 36.5 54.7#



#40

Benzene

Concen: 0.359 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX029853.D

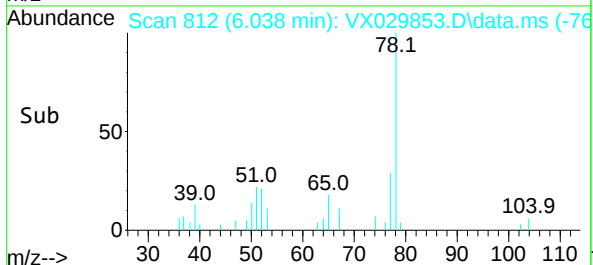
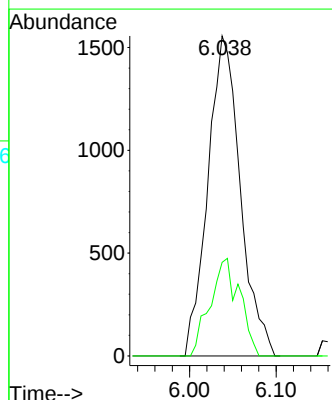
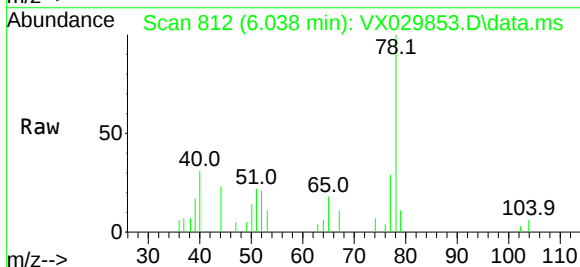
Acq: 29 Jun 2022 11:52

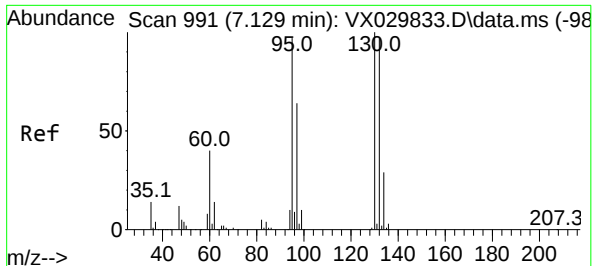
Tgt Ion: 78 Resp: 4049

Ion Ratio Lower Upper

78 100

77 29.2 18.0 27.0#

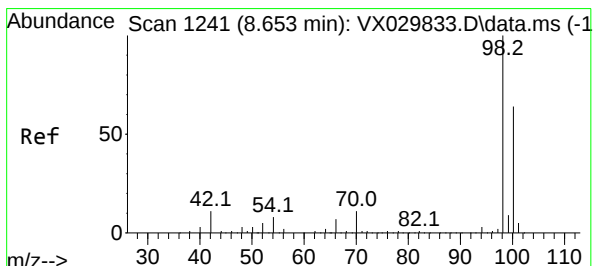
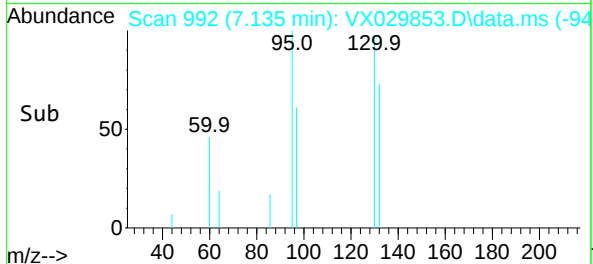
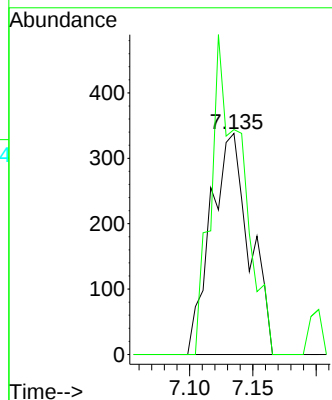
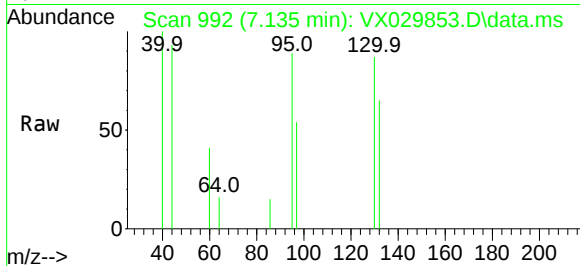




#44
Trichloroethene
Concen: 0.236 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

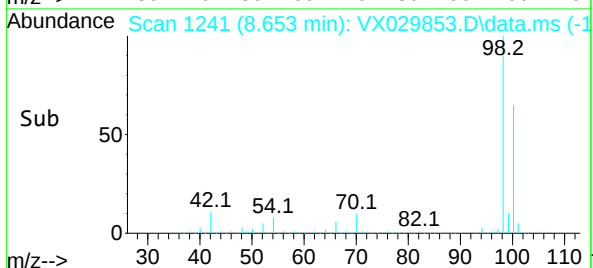
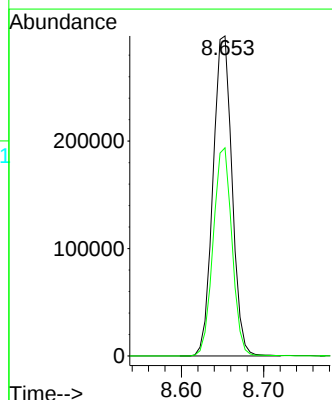
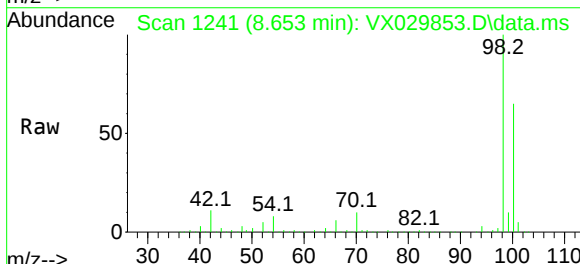
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GRDL

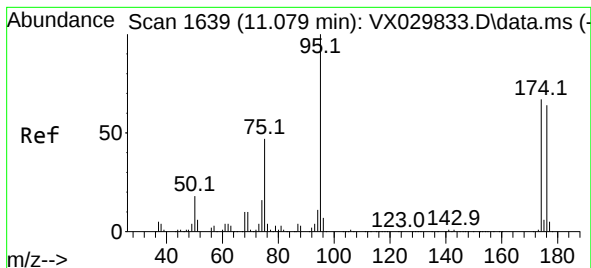
Tgt Ion:130 Resp: 717
Ion Ratio Lower Upper
130 100
95 101.8 0.0 194.8



#50
Toluene-d8
Concen: 48.764 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

Tgt Ion: 98 Resp: 479638
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

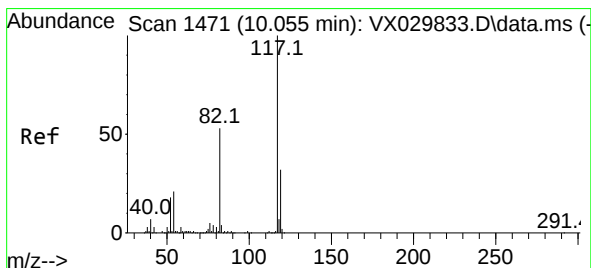
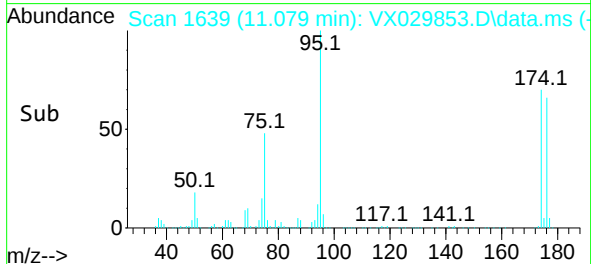
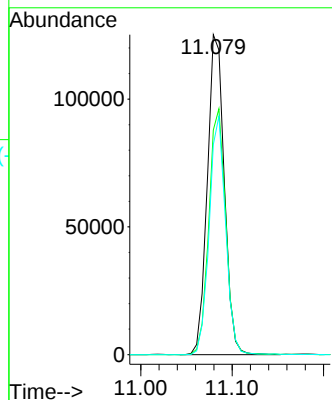
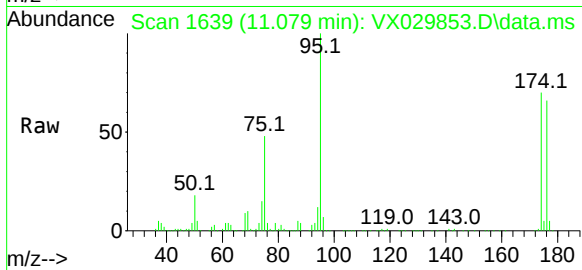




#62
4-Bromofluorobenzene
Concen: 46.359 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

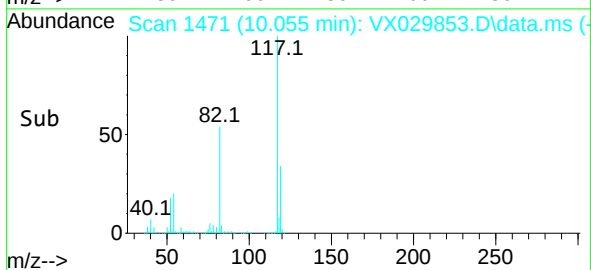
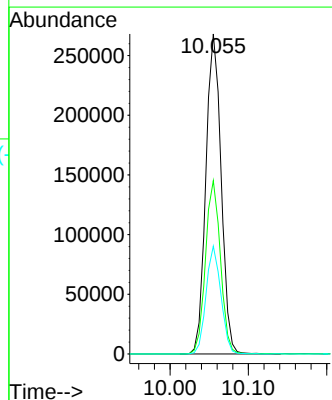
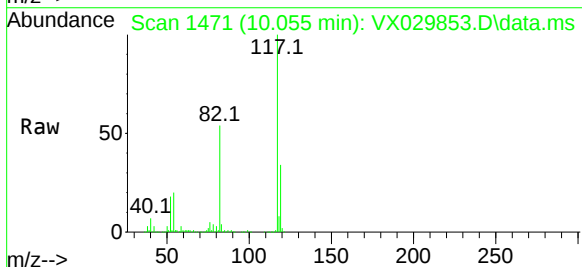
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GRDL

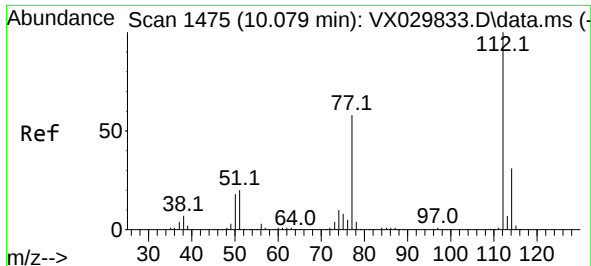
Tgt Ion: 95 Resp: 161183
Ion Ratio Lower Upper
95 100
174 76.4 0.0 149.0
176 71.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

Tgt Ion: 117 Resp: 362309
Ion Ratio Lower Upper
117 100
82 54.2 42.7 64.1
119 33.7 25.4 38.2

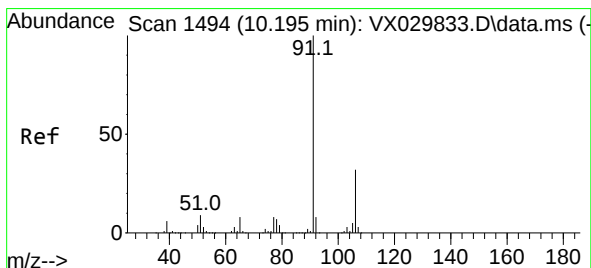
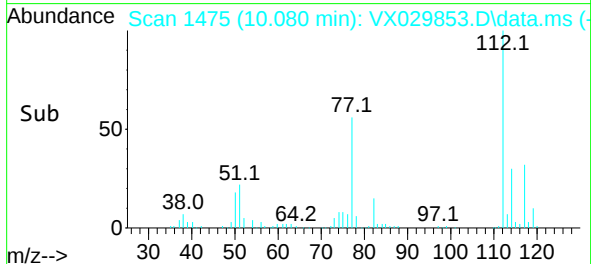
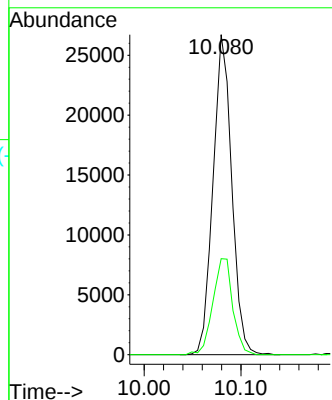
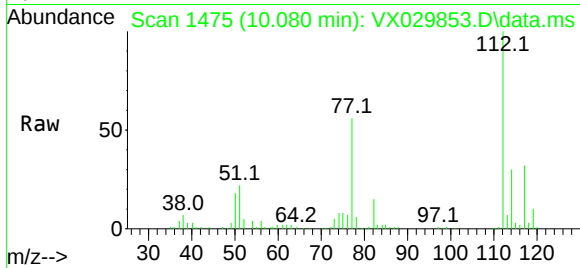




#65
Chlorobenzene
Concen: 4.920 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

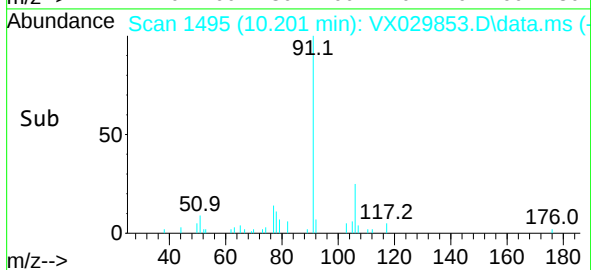
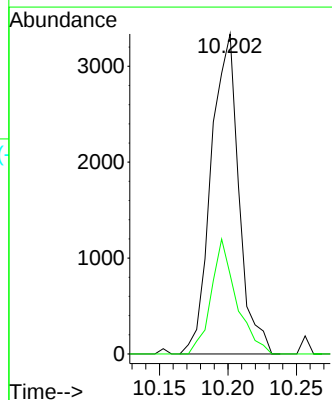
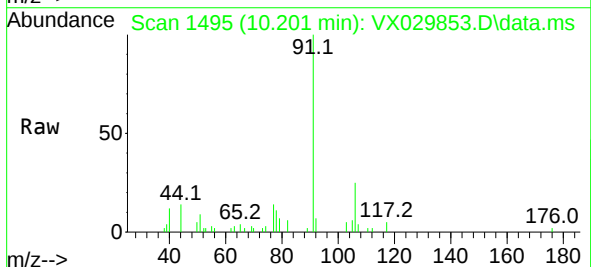
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GRDL

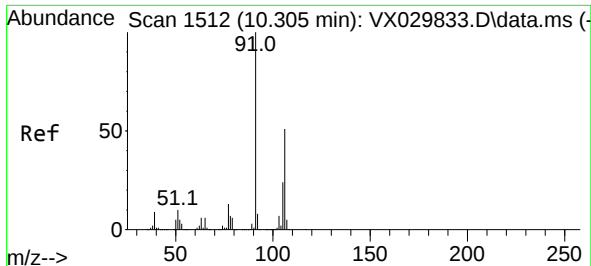
Tgt Ion:112 Resp: 35783
Ion Ratio Lower Upper
112 100
114 30.0 24.6 36.8



#67
Ethyl Benzene
Concen: 0.371 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

Tgt Ion: 91 Resp: 4691
Ion Ratio Lower Upper
91 100
106 24.8 25.5 38.3#

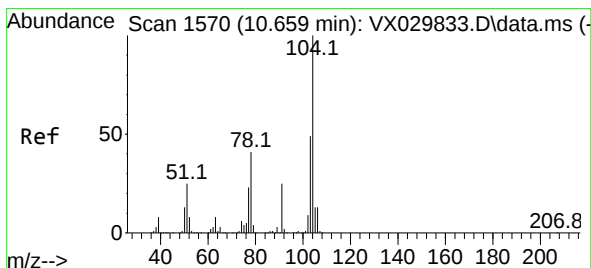
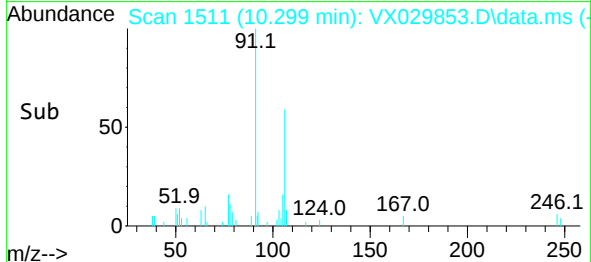
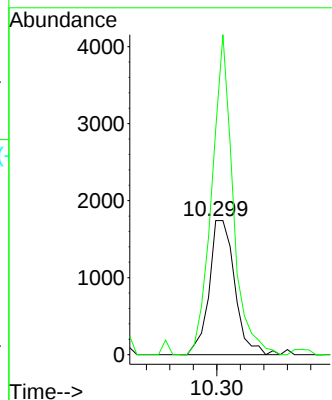
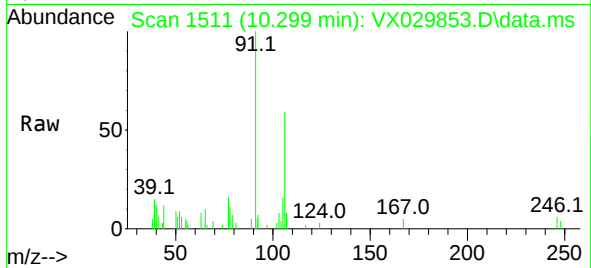




#68
m/p-Xylenes
Concen: 0.543 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

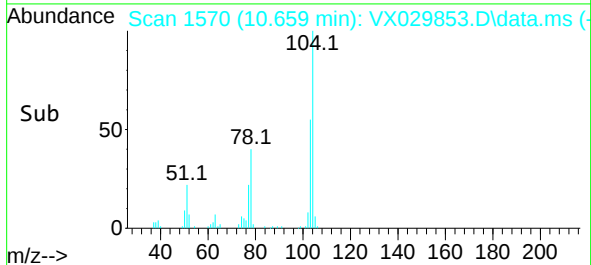
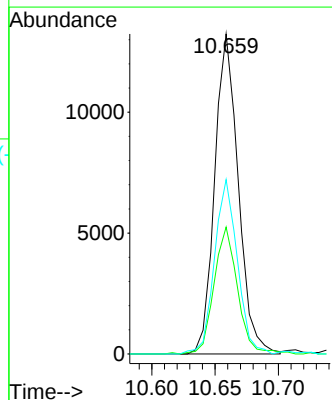
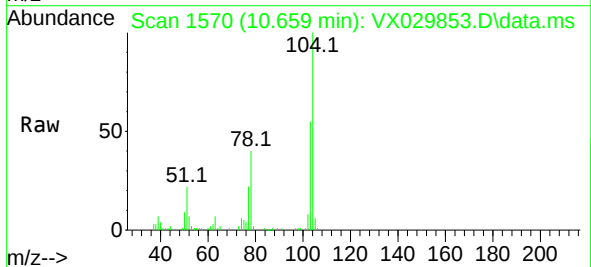
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GRDL

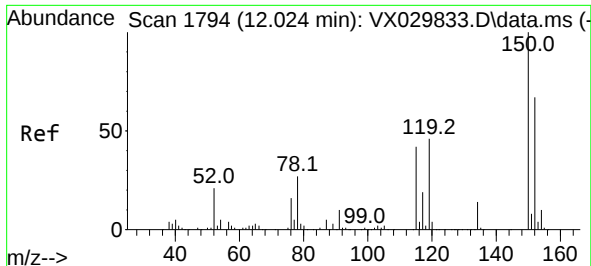
Tgt Ion:106 Resp: 2635
Ion Ratio Lower Upper
106 100
91 197.8 158.2 237.4



#70
Styrene
Concen: 2.109 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

Tgt Ion:104 Resp: 17130
Ion Ratio Lower Upper
104 100
78 39.6 37.8 56.8
103 52.9 44.5 66.7

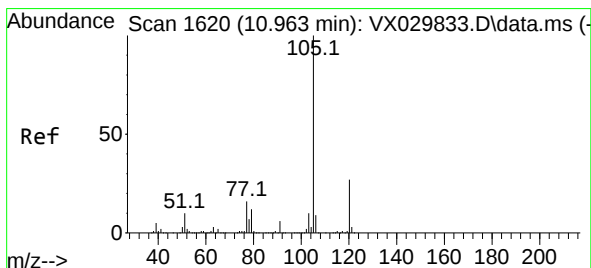
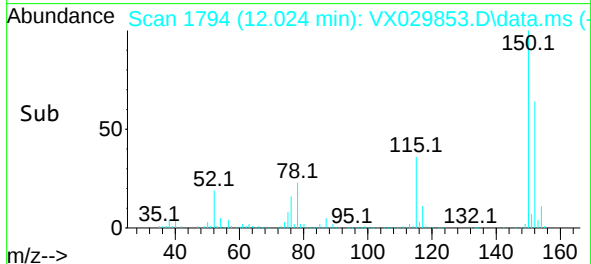
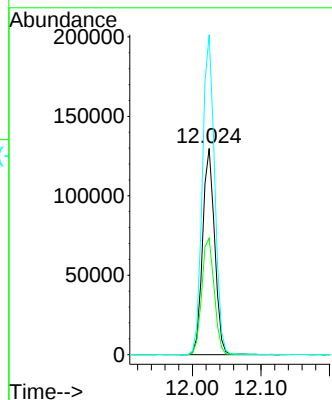
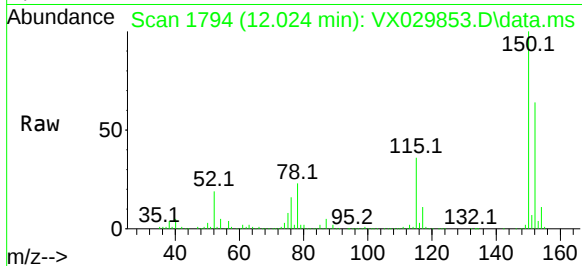




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

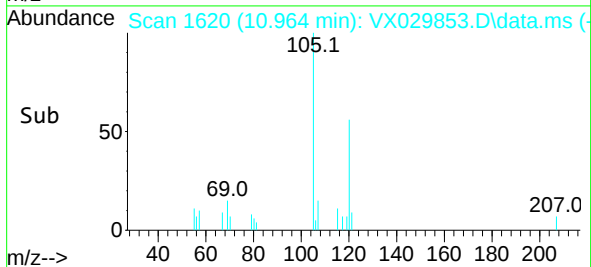
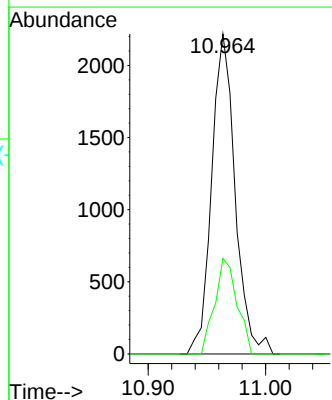
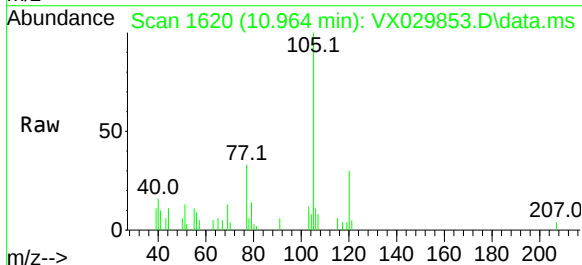
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GRDL

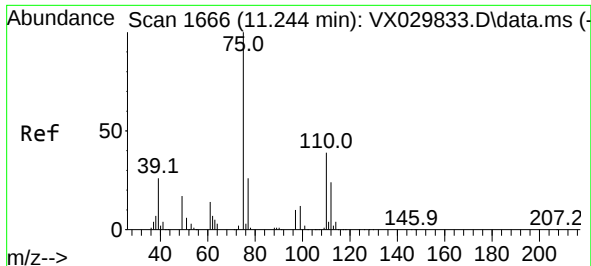
Tgt Ion:152 Resp: 159638
Ion Ratio Lower Upper
152 100
115 58.2 40.5 121.5
150 157.6 0.0 347.0



#73
Isopropylbenzene
Concen: 0.267 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

Tgt Ion:105 Resp: 3082
Ion Ratio Lower Upper
105 100
120 28.3 13.5 40.4

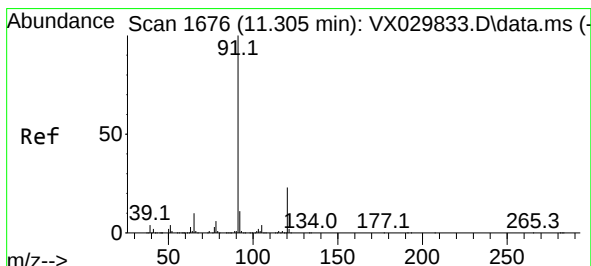
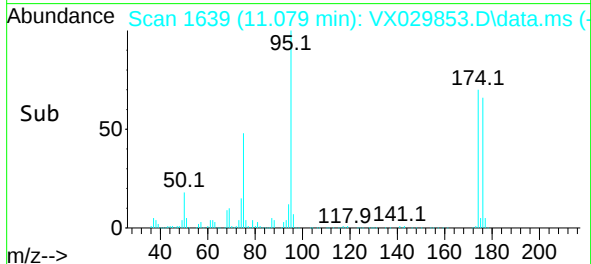
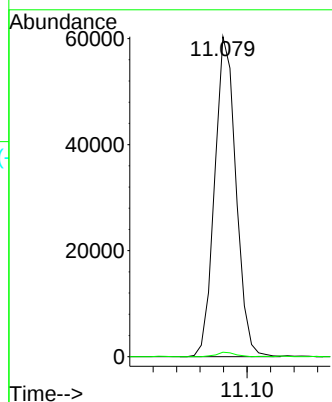
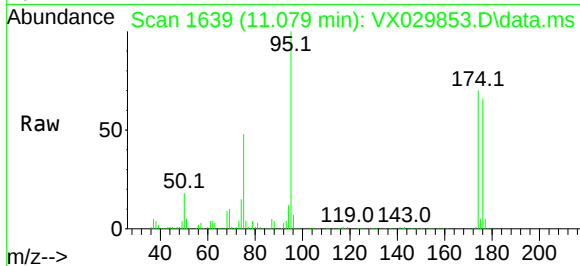




#76
1,2,3-Trichloropropane
Concen: 19.953 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

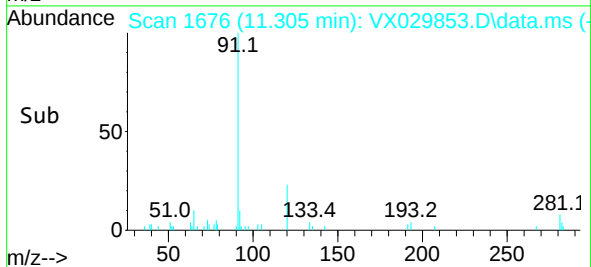
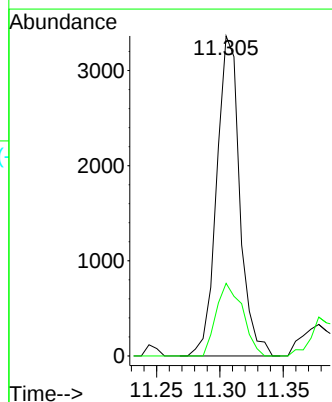
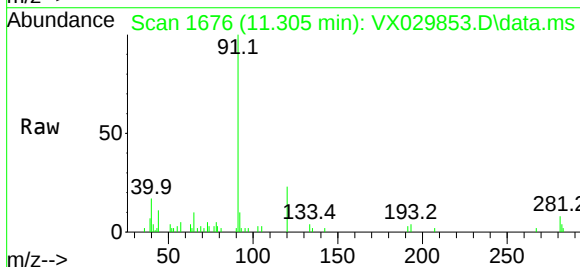
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GRDL

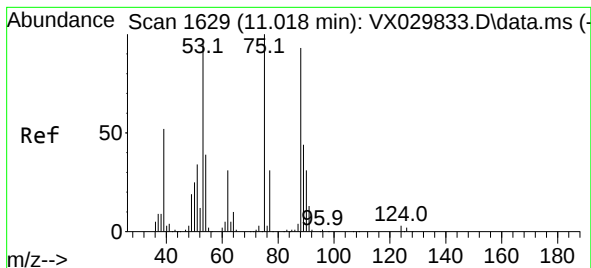
Tgt Ion: 75 Resp: 76252
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#78
n-propylbenzene
Concen: 0.312 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX029853.D
Acq: 29 Jun 2022 11:52

Tgt Ion: 91 Resp: 4254
Ion Ratio Lower Upper
91 100
120 26.0 11.6 34.8

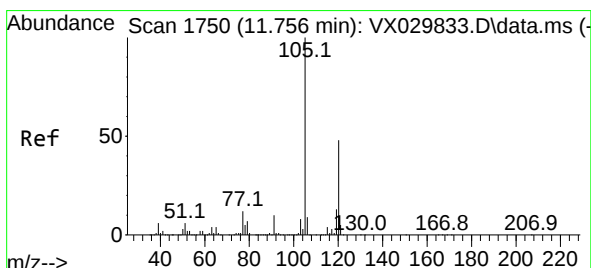
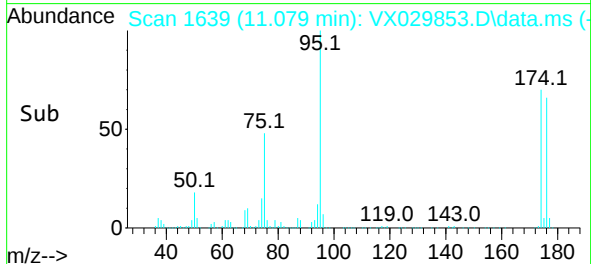
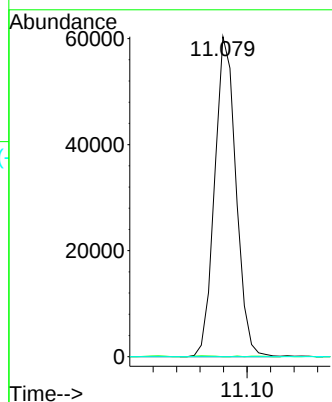
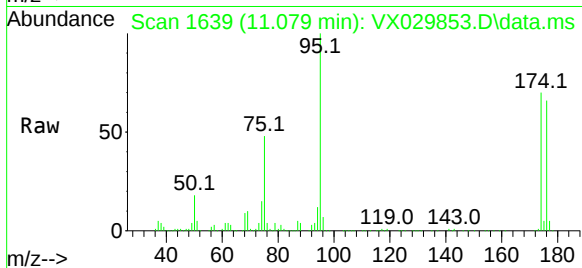




#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.367 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX029853.D
 Acq: 29 Jun 2022 11:52

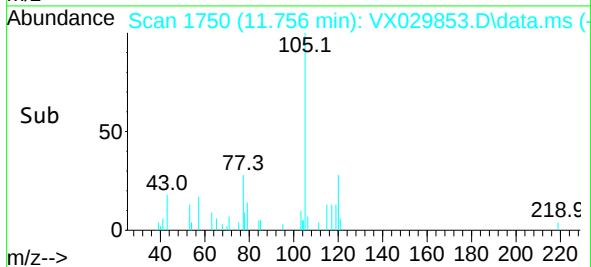
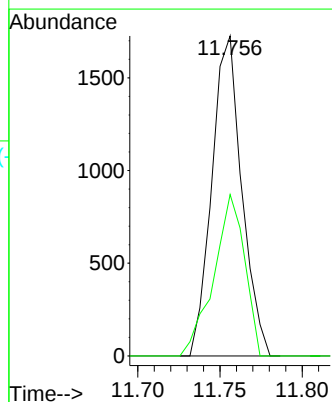
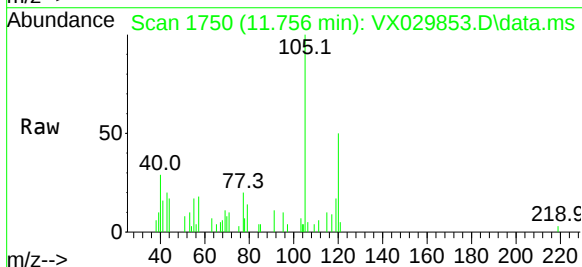
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-EXC-1-5-GRDL

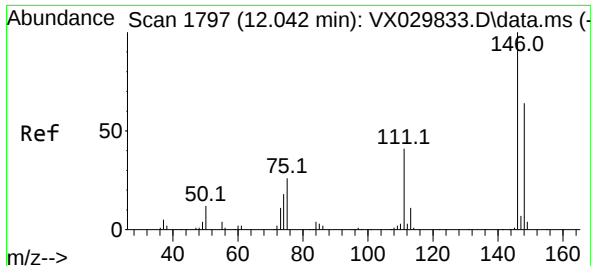
Tgt Ion: 75 Resp: 76252
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.227 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX029853.D
 Acq: 29 Jun 2022 11:52

Tgt Ion:105 Resp: 2184
 Ion Ratio Lower Upper
 105 100
 120 52.0 22.9 68.8





#88

1,4-Dichlorobenzene

Concen: 0.614 ug/l

RT: 12.043 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029853.D

Acq: 29 Jun 2022 11:52

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-1-5-GRDL

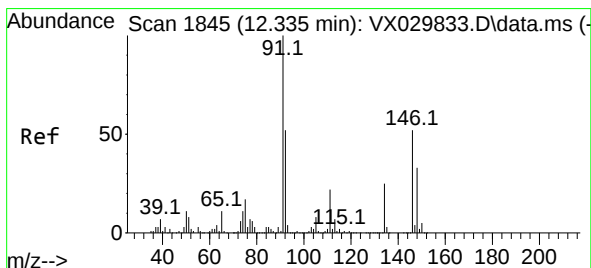
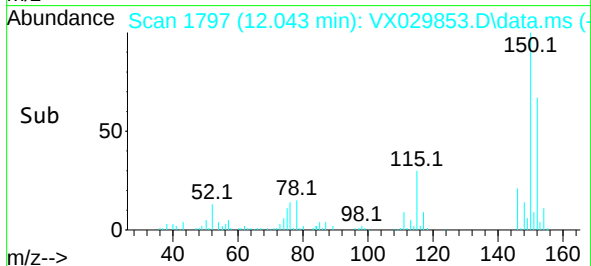
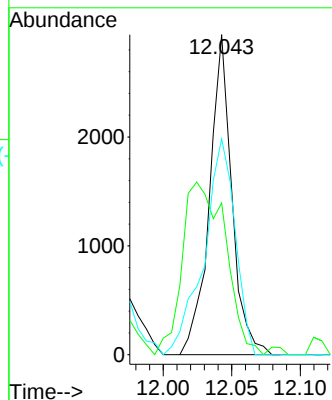
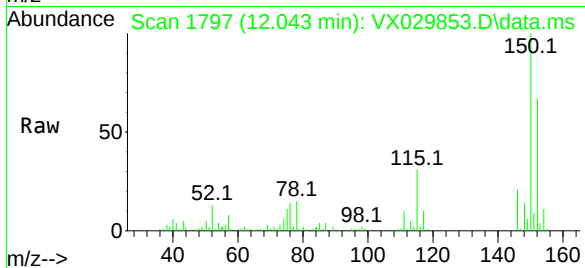
Tgt Ion:146 Resp: 3341

Ion Ratio Lower Upper

146 100

111 103.9 20.3 60.9#

148 93.7 32.3 96.8



#91

1,2-Dichlorobenzene

Concen: 23.440 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX029853.D

Acq: 29 Jun 2022 11:52

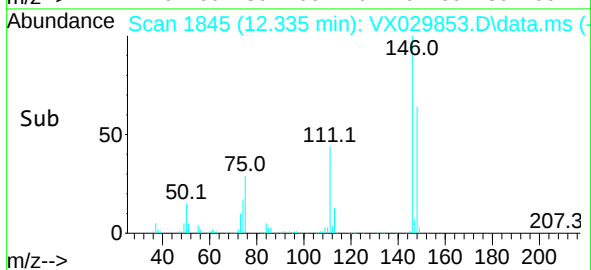
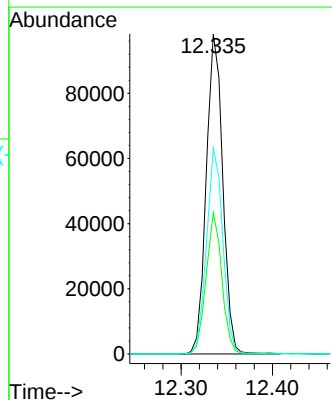
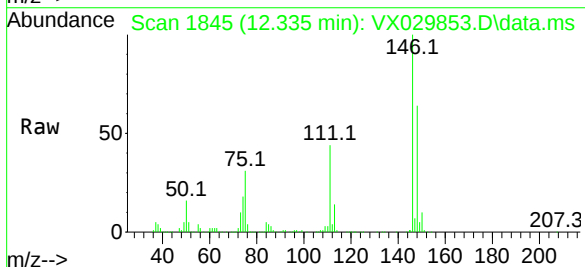
Tgt Ion:146 Resp: 122839

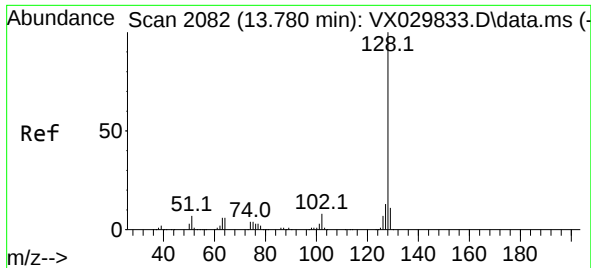
Ion Ratio Lower Upper

146 100

111 42.4 20.7 62.1

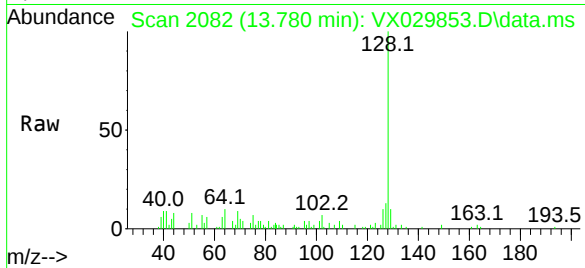
148 63.8 32.0 96.2





#95
 Naphthalene
 Concen: 0.649 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VX029853.D
 Acq: 29 Jun 2022 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-EXC-1-5-GRDL



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.2
129	13.6	8.6	13.0

