

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035389.D
 Acq On : 28 Apr 2023 14:33
 Operator : JC/MD
 Sample : 02386-02MEDL 40X
 Misc : 3.32g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPA-1WC-23-04MEDL

Quant Time: Apr 29 00:37:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

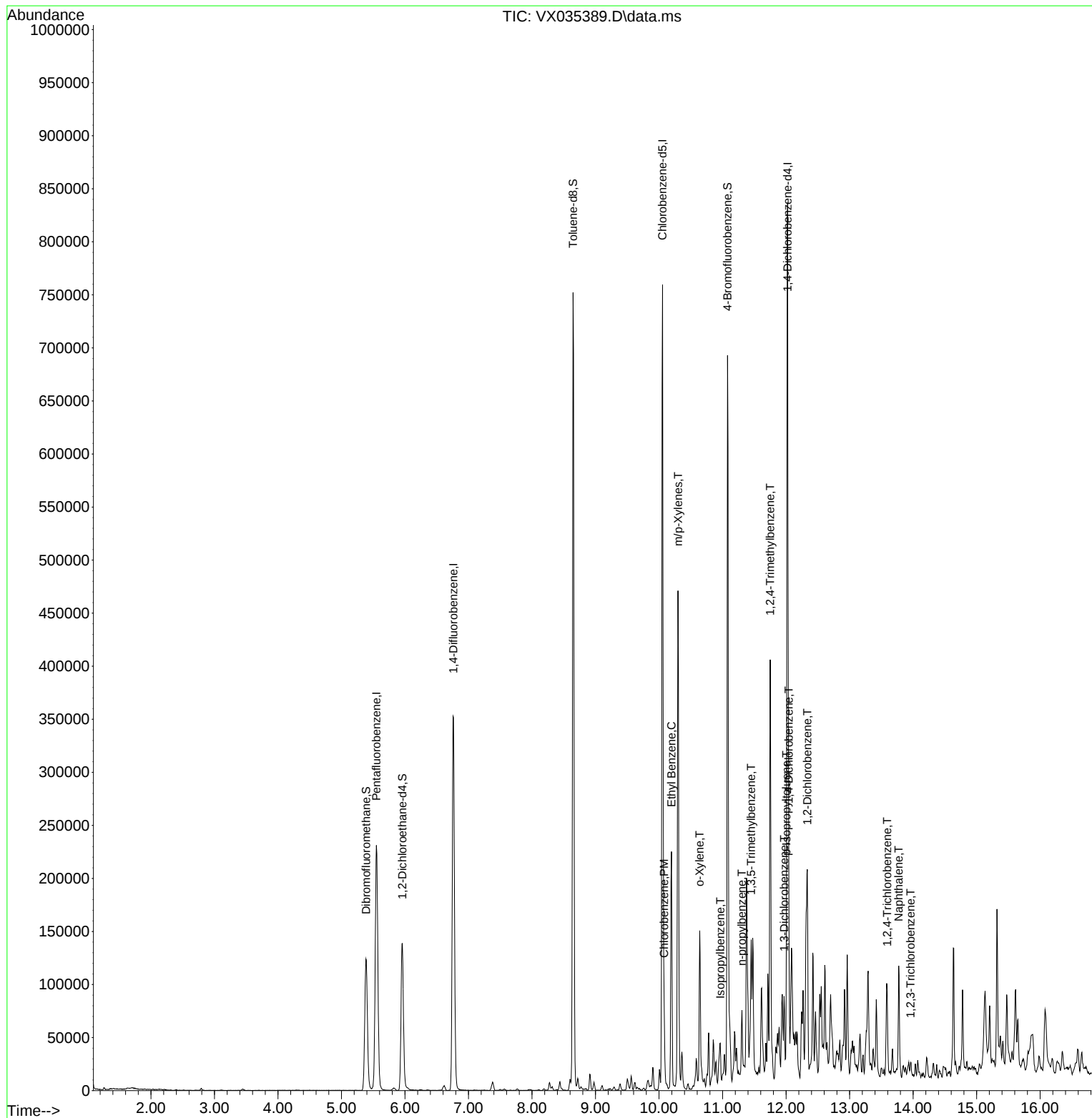
Internal Standards						
1) Pentafluorobenzene	5.550	168	229234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	377161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137201	49.610	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.220%		
35) Dibromofluoromethane	5.385	113	110159	47.587	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.180%		
50) Toluene-d8	8.647	98	445994	51.072	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.140%		
62) 4-Bromofluorobenzene	11.079	95	174670	53.171	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.340%		
Target Compounds					Qvalue	
65) Chlorobenzene	10.079	112	28717	3.820	ug/l	98
67) Ethyl Benzene	10.195	91	131462	10.098	ug/l	98
68) m/p-Xylenes	10.299	106	109223	21.895	ug/l	100
69) o-Xylene	10.640	106	31062	6.350	ug/l	98
73) Isopropylbenzene	10.963	105	18521	1.465	ug/l	98
78) n-propylbenzene	11.305	91	36326	2.502	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	49743	4.667	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	159076	14.854	ug/l	99
86) p-Isopropyltoluene	12.006	119	19904	1.784	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	8730	1.462	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	44848	7.163	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	47871	8.015	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	14906	3.971	ug/l	93
95) Naphthalene	13.774	128	67766	5.864	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	4046	1.071	ug/l	91

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

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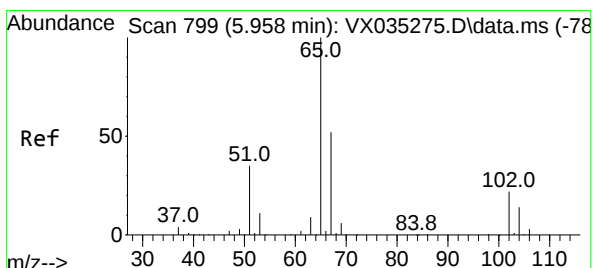
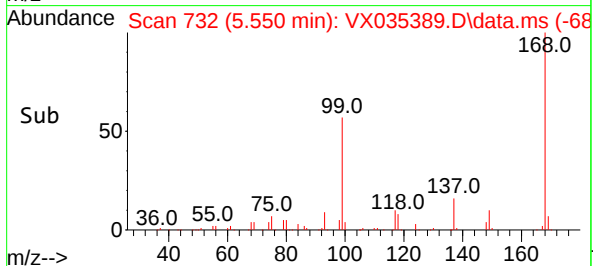
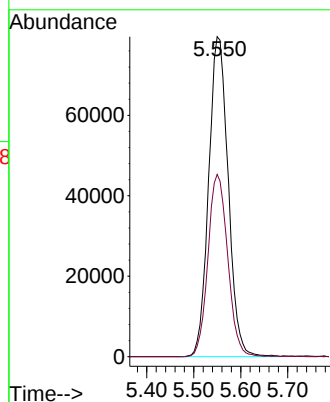
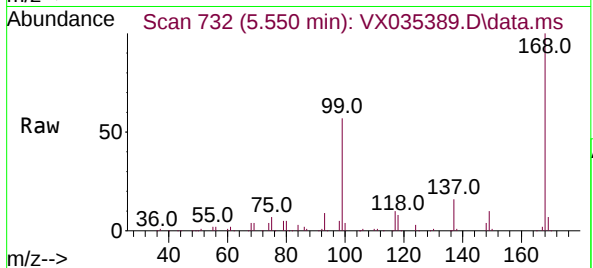




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035389.D
Acq: 28 Apr 2023 14:33

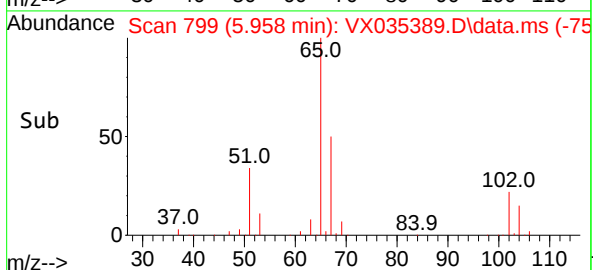
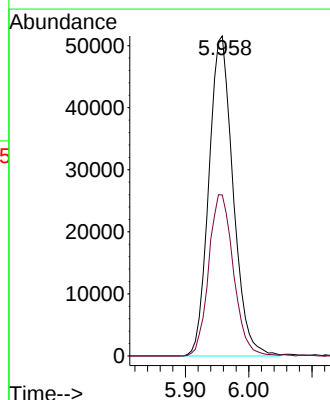
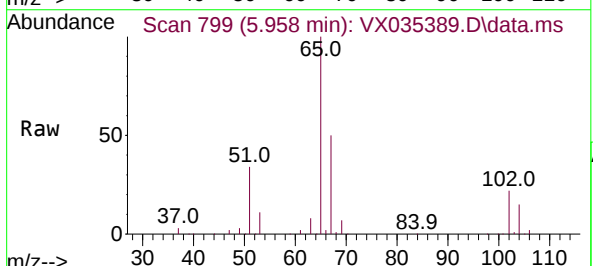
Instrument :
MSVOA_X
ClientSampleId :
SPA-1WC-23-04MEDL

Tgt Ion:168 Resp: 229234
Ion Ratio Lower Upper
168 100
99 56.9 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 49.610 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035389.D
Acq: 28 Apr 2023 14:33

Tgt Ion: 65 Resp: 137201
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0

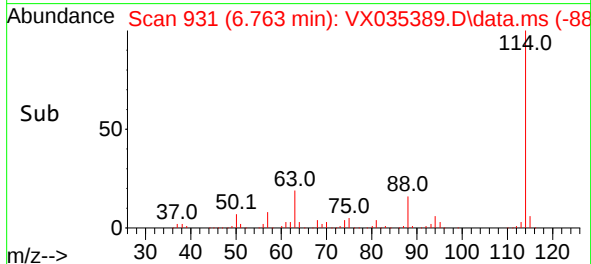
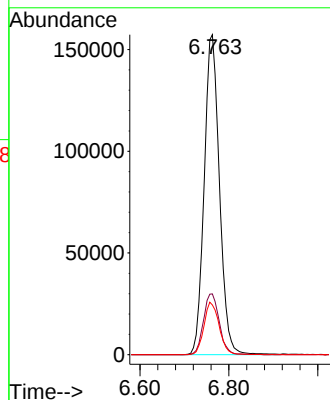
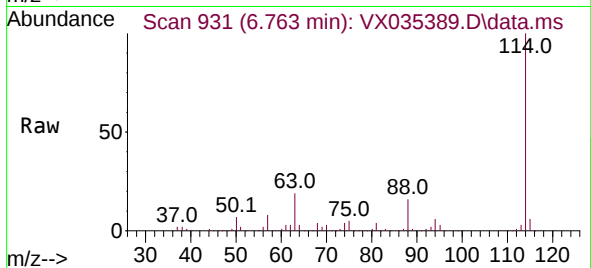




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035389.D
Acq: 28 Apr 2023 14:33

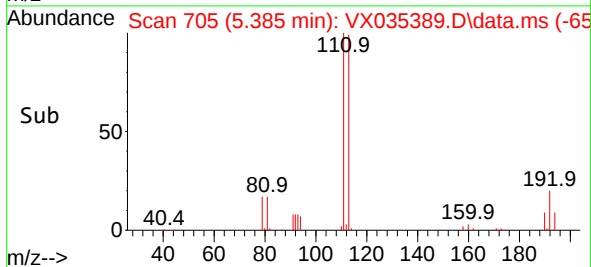
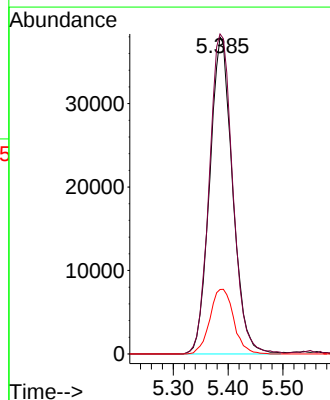
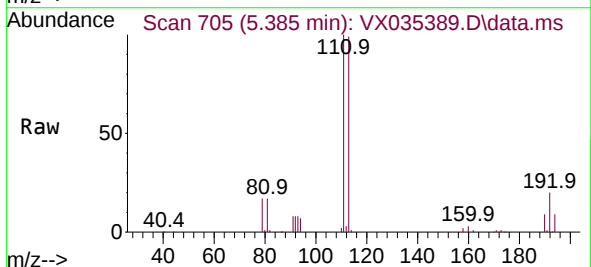
Instrument :
MSVOA_X
ClientSampleId :
SPA-1WC-23-04MEDL

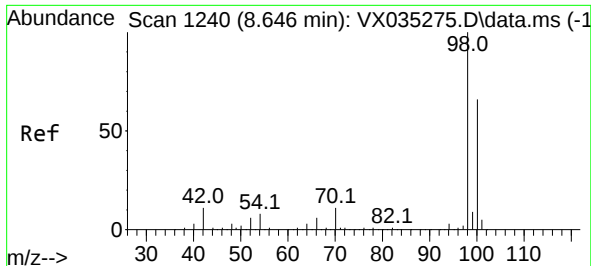
Tgt Ion:114 Resp: 377161
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.2
88 15.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.587 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035389.D
Acq: 28 Apr 2023 14:33

Tgt Ion:113 Resp: 110159
Ion Ratio Lower Upper
113 100
111 103.7 83.7 125.5
192 21.2 15.4 23.2

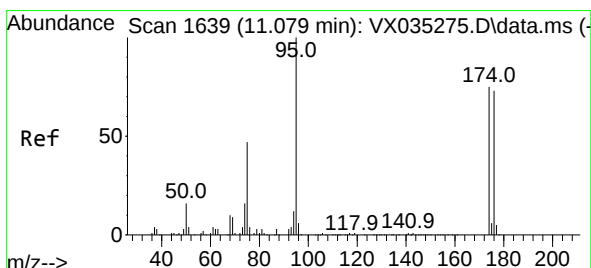
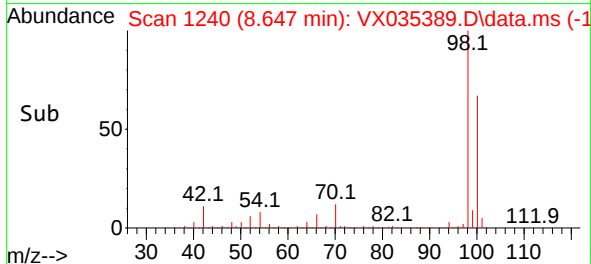
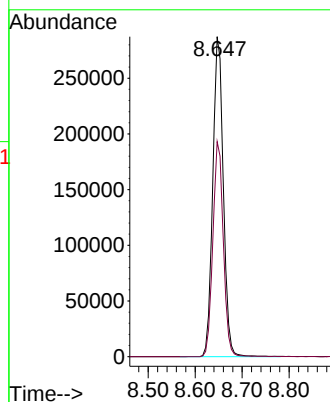
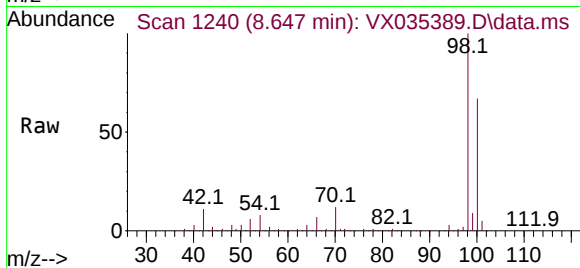




#50
Toluene-d8
Concen: 51.072 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035389.D
Acq: 28 Apr 2023 14:33

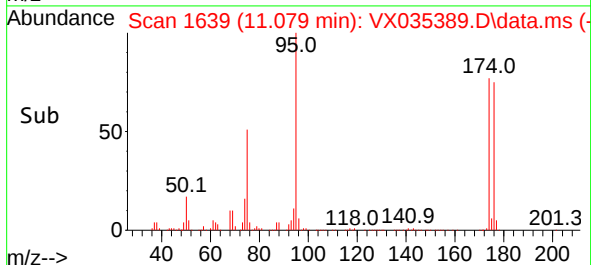
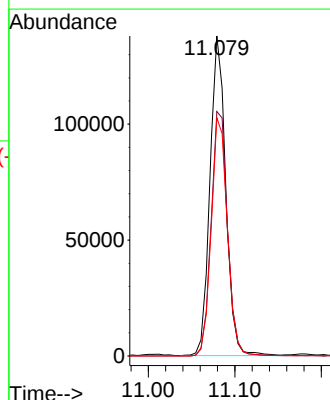
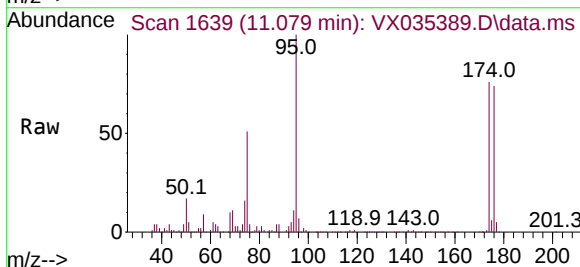
Instrument :
MSVOA_X
ClientSampleId :
SPA-1WC-23-04MEDL

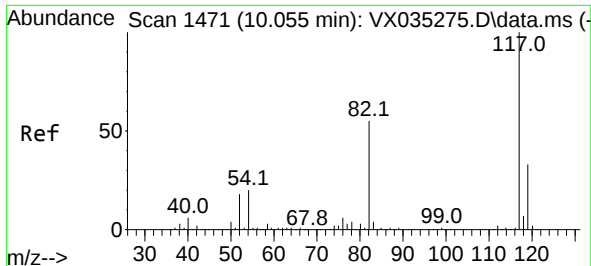
Tgt Ion: 98 Resp: 445994
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 53.171 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035389.D
Acq: 28 Apr 2023 14:33

Tgt Ion: 95 Resp: 174670
Ion Ratio Lower Upper
95 100
174 79.3 0.0 147.4
176 76.5 0.0 140.6

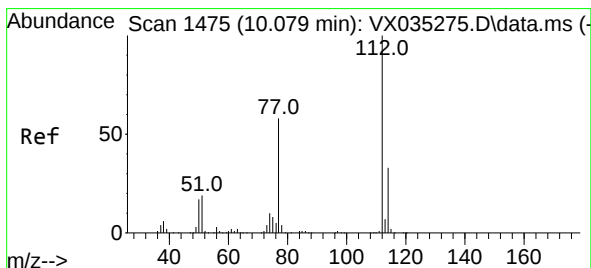
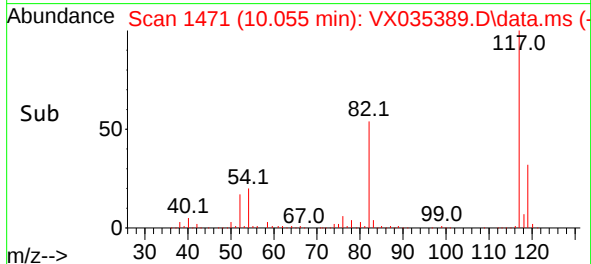
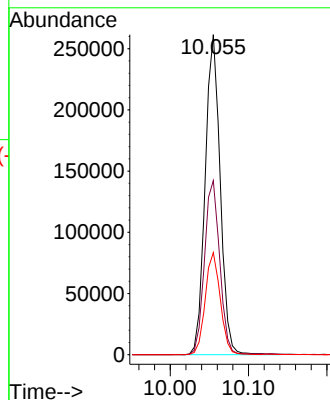
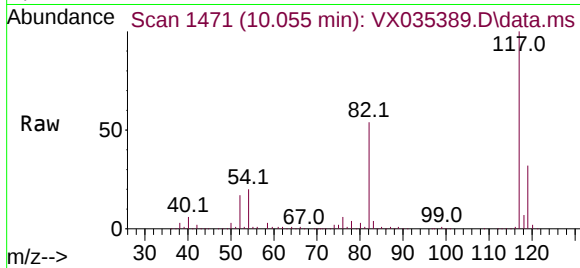




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035389.D
Acq: 28 Apr 2023 14:33

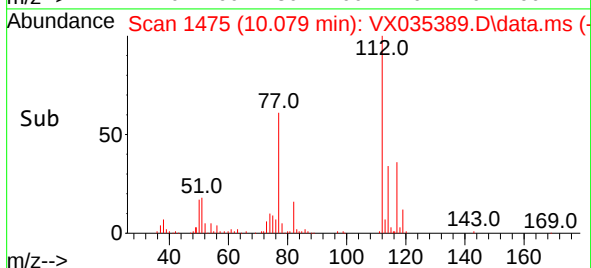
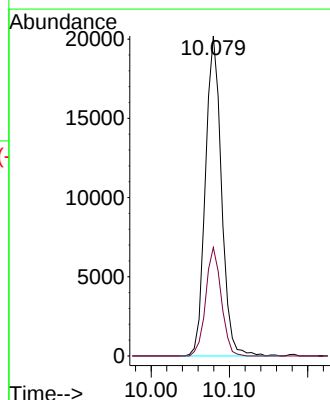
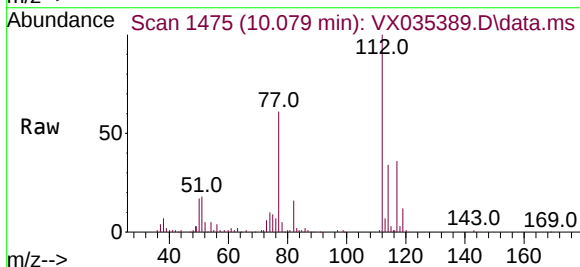
Instrument :
MSVOA_X
ClientSampleId :
SPA-1WC-23-04MEDL

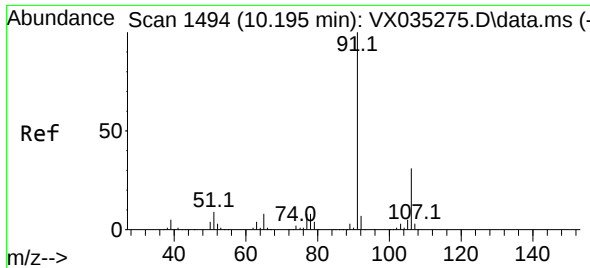
Tgt Ion:117 Resp: 347462
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 31.9 26.0 39.0



#65
Chlorobenzene
Concen: 3.820 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035389.D
Acq: 28 Apr 2023 14:33

Tgt Ion:112 Resp: 28717
Ion Ratio Lower Upper
112 100
114 33.9 26.2 39.2

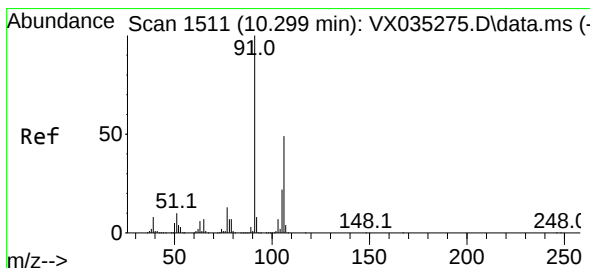
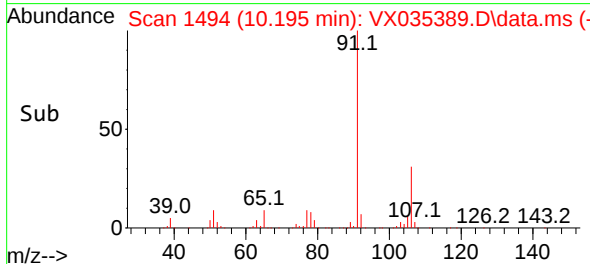
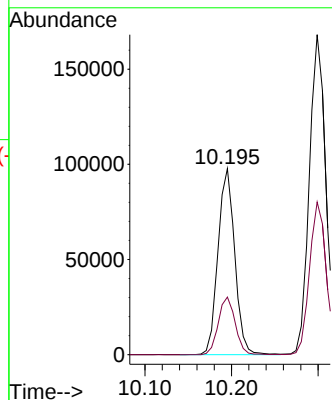
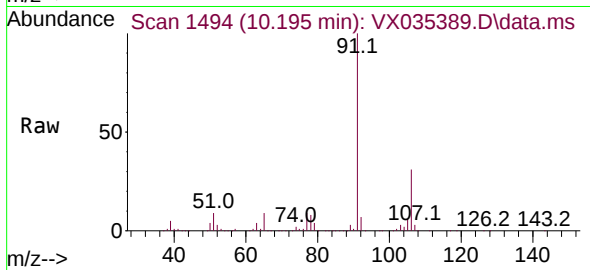




#67
Ethyl Benzene
Concen: 10.098 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035389.D
Acq: 28 Apr 2023 14:33

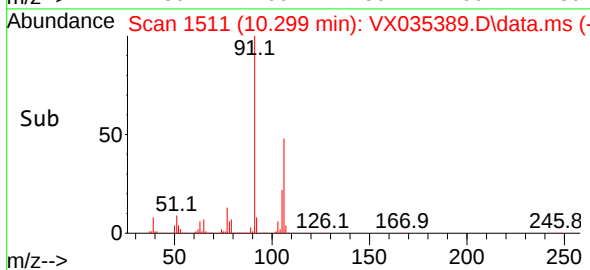
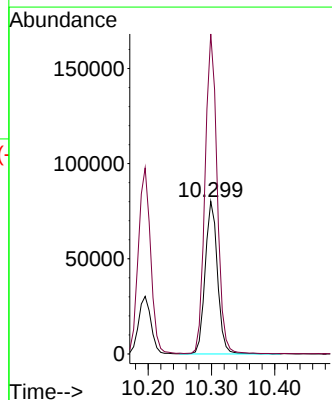
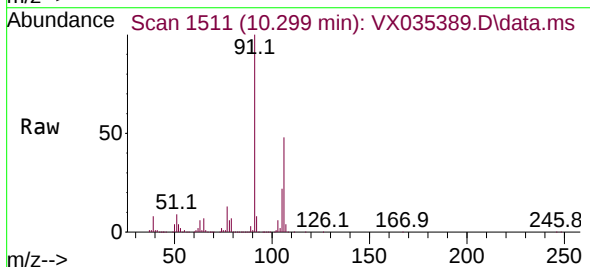
Instrument :
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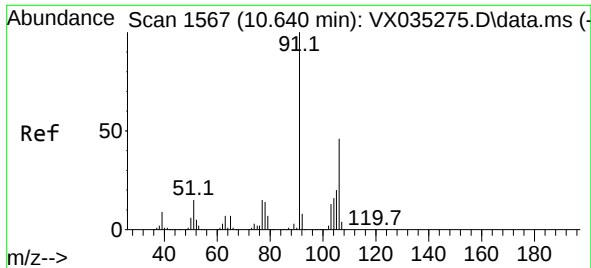
Tgt Ion: 91 Resp: 131462
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4



#68
m/p-Xylenes
Concen: 21.895 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035389.D
Acq: 28 Apr 2023 14:33

Tgt Ion:106 Resp: 109223
Ion Ratio Lower Upper
106 100
91 205.5 164.0 246.0

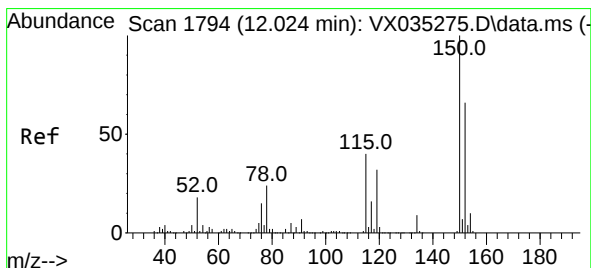
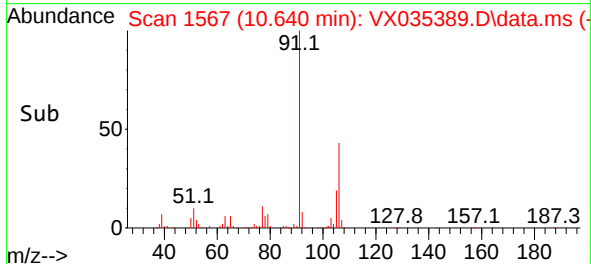
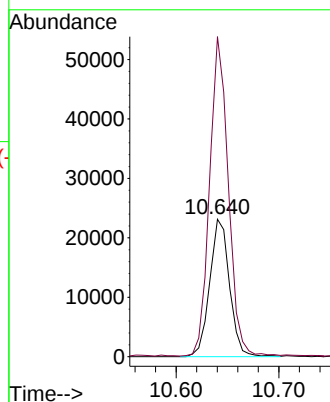
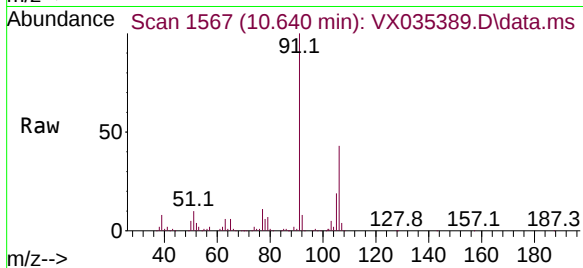




#69
o-Xylene
Concen: 6.350 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035389.D
Acq: 28 Apr 2023 14:33

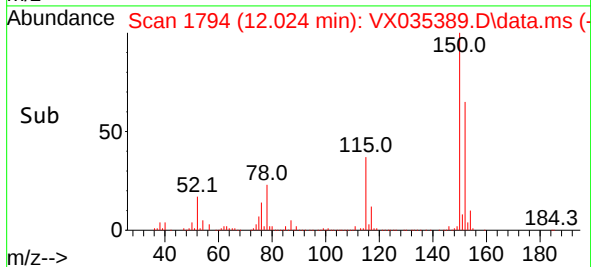
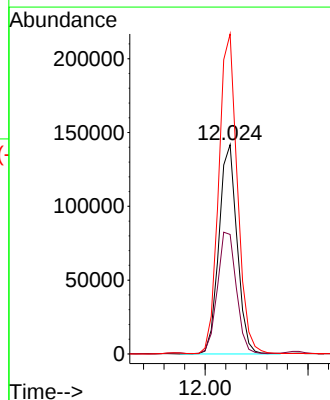
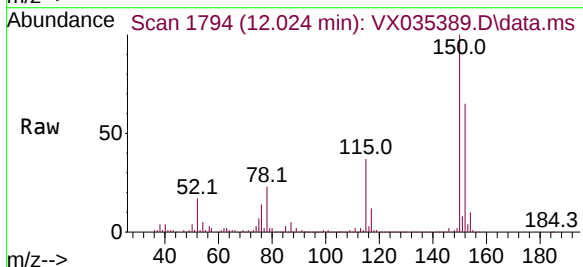
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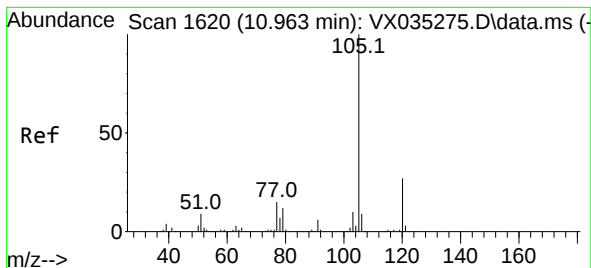
Tgt Ion:106 Resp: 31062
Ion Ratio Lower Upper
106 100
91 220.1 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035389.D
Acq: 28 Apr 2023 14:33

Tgt Ion:152 Resp: 172927
Ion Ratio Lower Upper
152 100
115 60.5 45.0 135.0
150 157.4 0.0 352.4





#73

Isopropylbenzene

Concen: 1.465 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX035389.D

Acq: 28 Apr 2023 14:33

Instrument :

MSVOA_X

ClientSampleId :

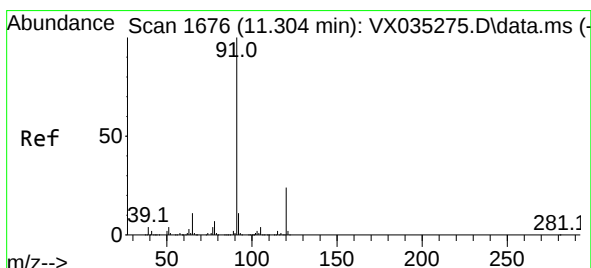
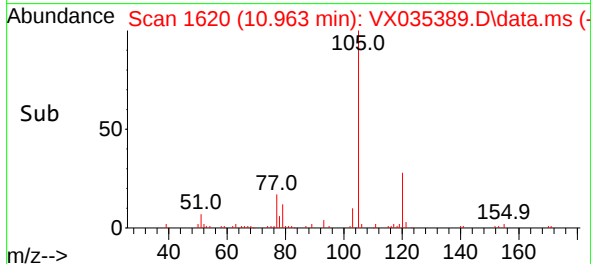
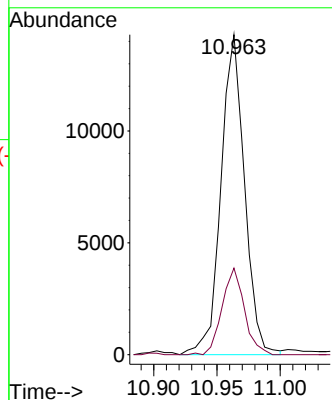
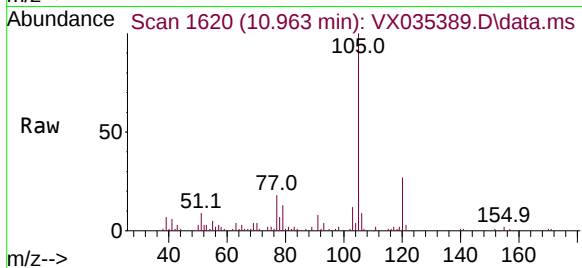
SPA-1WC-23-04MEDL

Tgt Ion:105 Resp: 18521

Ion Ratio Lower Upper

105 100

120 25.5 13.3 39.9



#78

n-propylbenzene

Concen: 2.502 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX035389.D

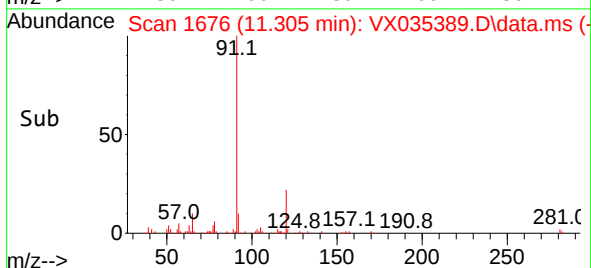
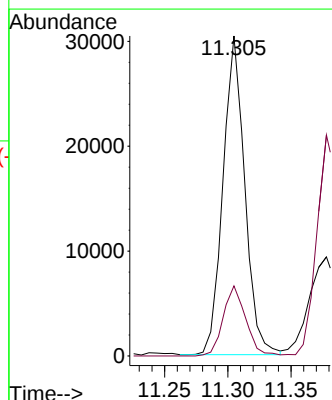
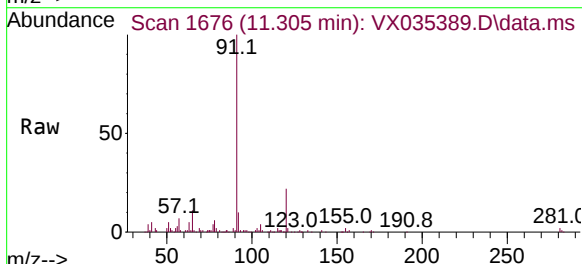
Acq: 28 Apr 2023 14:33

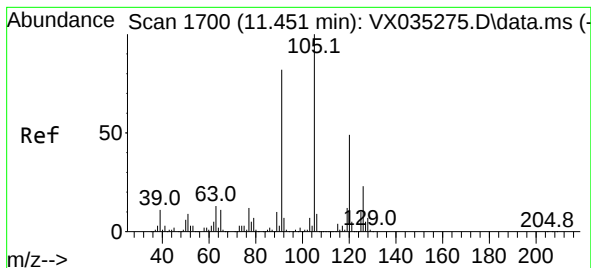
Tgt Ion: 91 Resp: 36326

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.5





#80

1,3,5-Trimethylbenzene

Concen: 4.667 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035389.D

Acq: 28 Apr 2023 14:33

Instrument :

MSVOA_X

ClientSampleId :

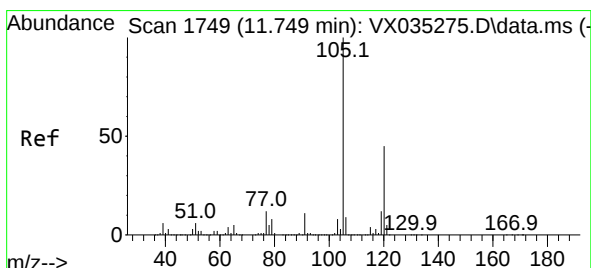
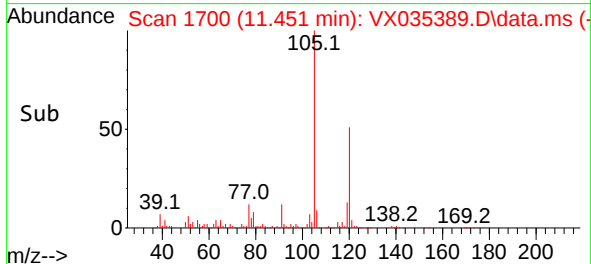
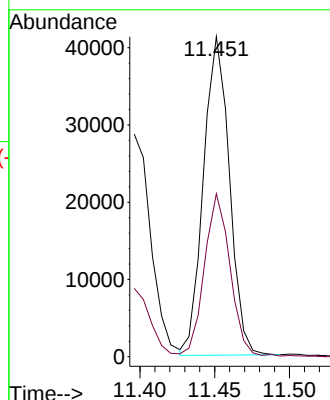
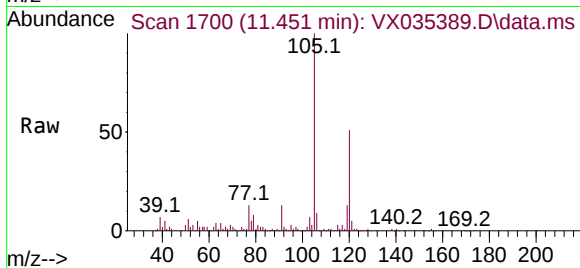
SPA-1WC-23-04MEDL

Tgt Ion:105 Resp: 49743

Ion Ratio Lower Upper

105 100

120 51.0 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 14.854 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VX035389.D

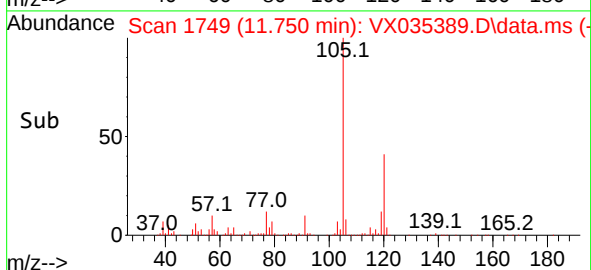
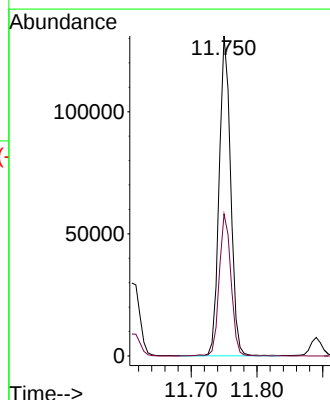
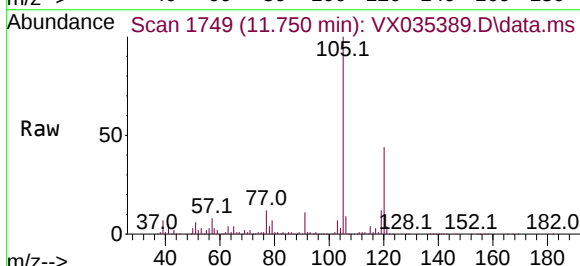
Acq: 28 Apr 2023 14:33

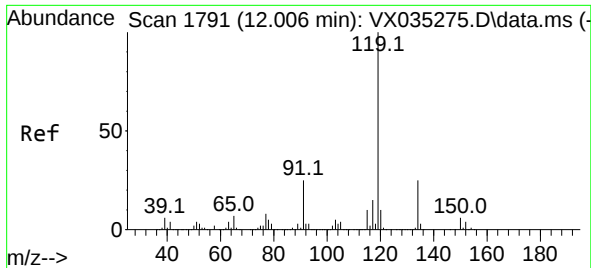
Tgt Ion:105 Resp: 159076

Ion Ratio Lower Upper

105 100

120 45.5 22.4 67.0

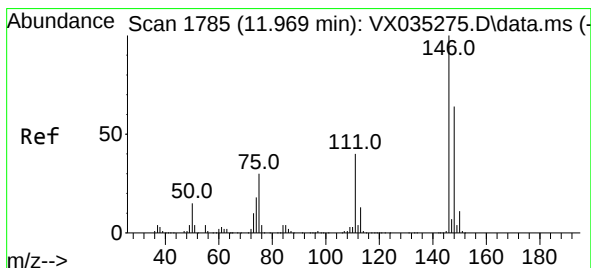
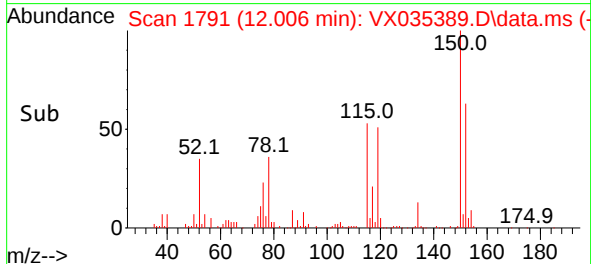
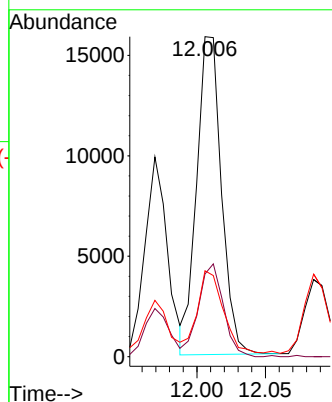
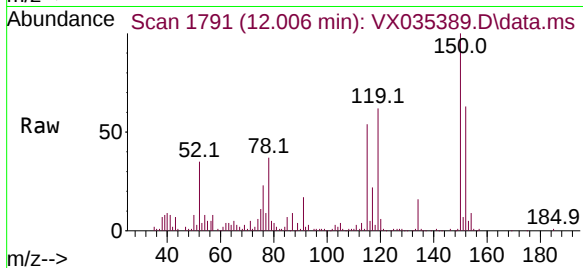




#86
p-Isopropyltoluene
Concen: 1.784 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX035389.D
Acq: 28 Apr 2023 14:33

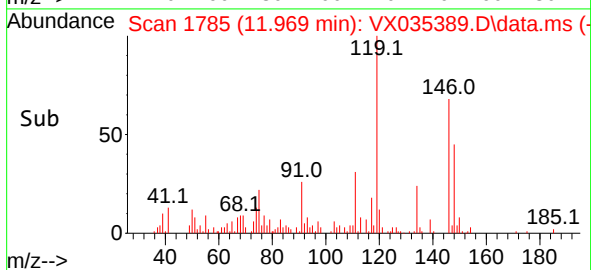
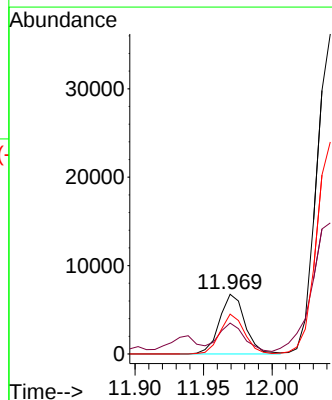
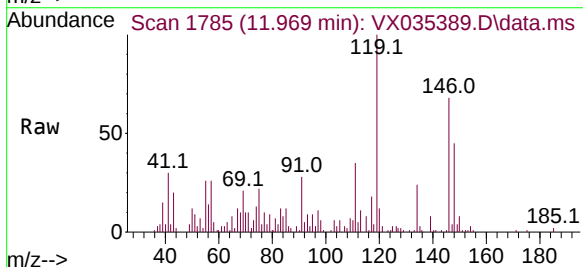
Instrument :
MSVOA_X
ClientSampleId :
SPA-1WC-23-04MEDL

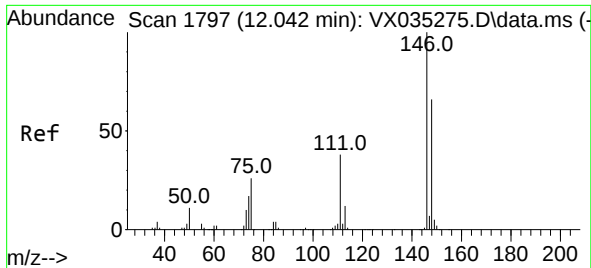
Tgt Ion:	119	Resp:	19904
Ion Ratio	Lower	Upper	
119	100		
134	29.4	13.2	39.5
91	26.7	12.9	38.7



#87
1,3-Dichlorobenzene
Concen: 1.462 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035389.D
Acq: 28 Apr 2023 14:33

Tgt Ion:	146	Resp:	8730
Ion Ratio	Lower	Upper	
146	100		
111	46.1	20.9	62.8
148	63.9	31.6	95.0

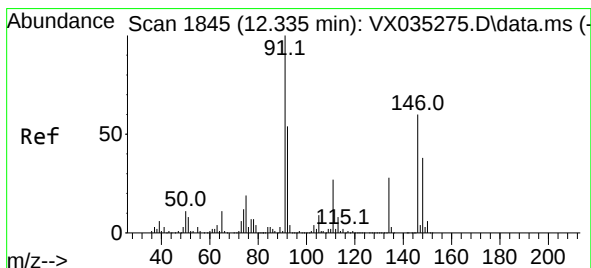
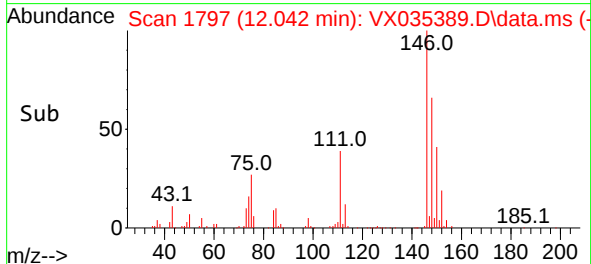
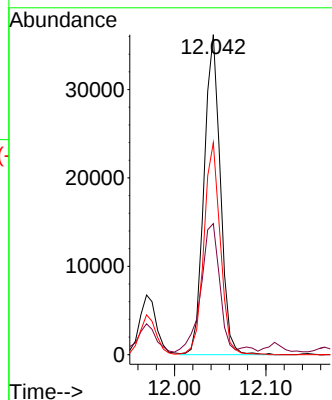
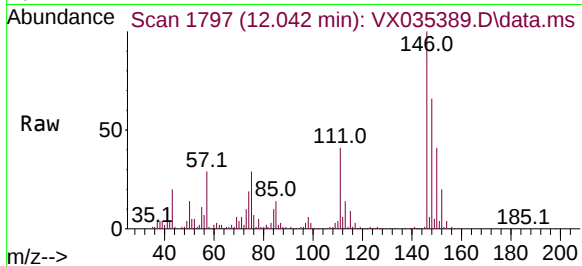




#88
1,4-Dichlorobenzene
Concen: 7.163 ug/l
RT: 12.042 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035389.D
Acq: 28 Apr 2023 14:33

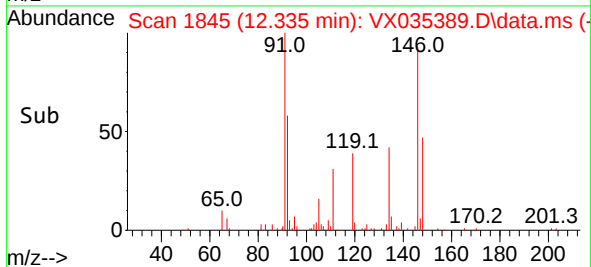
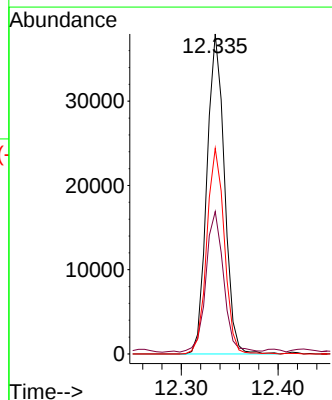
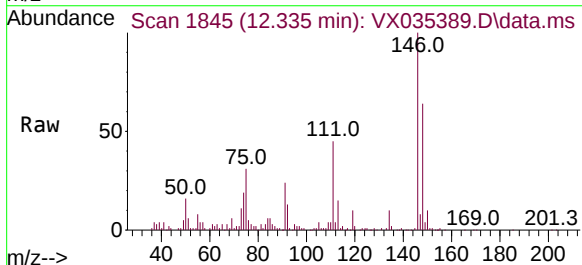
Instrument :
MSVOA_X
ClientSampleId :
SPA-1WC-23-04MEDL

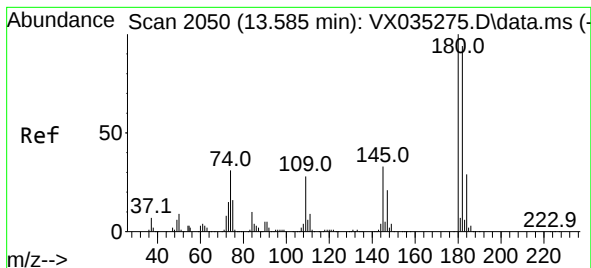
Tgt Ion:146 Resp: 44848
Ion Ratio Lower Upper
146 100
111 46.3 20.6 61.9
148 66.7 31.8 95.4



#91
1,2-Dichlorobenzene
Concen: 8.015 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035389.D
Acq: 28 Apr 2023 14:33

Tgt Ion:146 Resp: 47871
Ion Ratio Lower Upper
146 100
111 44.4 22.0 66.0
148 64.2 32.0 96.0





#93

1,2,4-Trichlorobenzene

Concen: 3.971 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035389.D

Acq: 28 Apr 2023 14:33

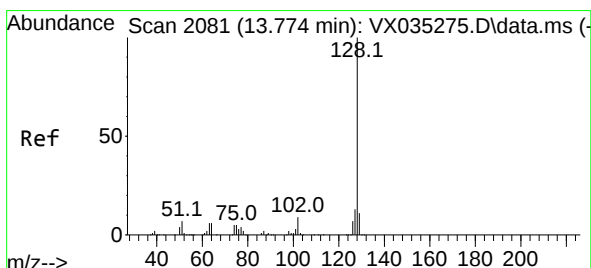
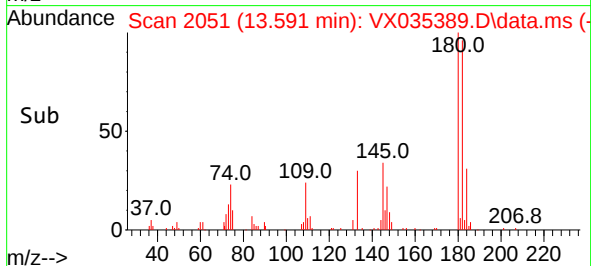
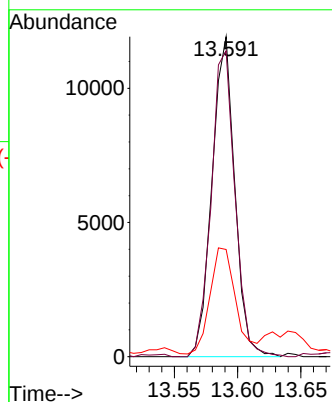
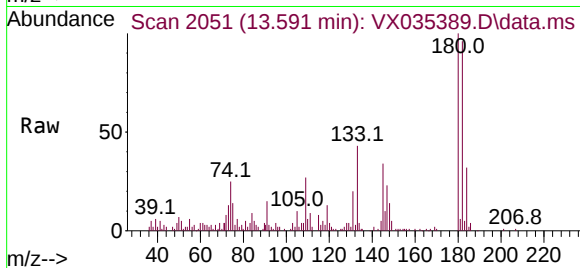
Instrument :

MSVOA_X

ClientSampleId :

SPA-1WC-23-04MEDL

Tgt Ion:180	Resp:	14906
Ion Ratio	Lower	Upper
180	100	
182	100.1	47.0 141.0
145	37.3	15.9 47.7



#95

Naphthalene

Concen: 5.864 ug/l

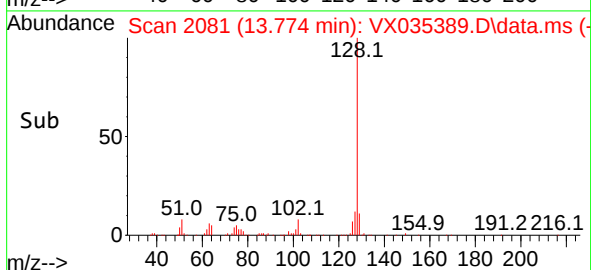
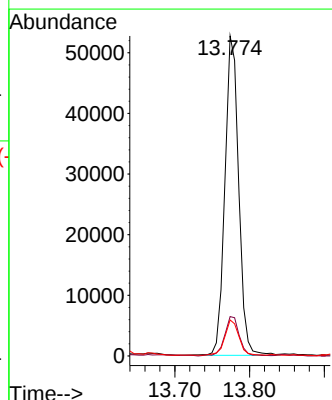
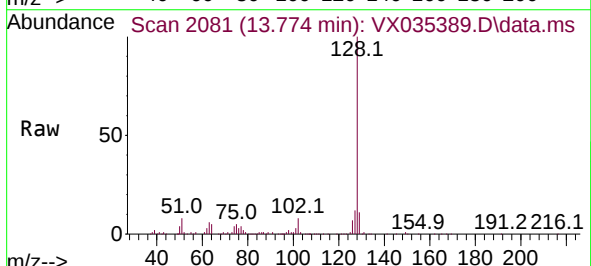
RT: 13.774 min Scan# 2081

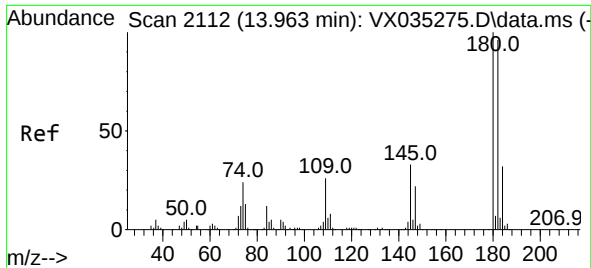
Delta R.T. -0.000 min

Lab File: VX035389.D

Acq: 28 Apr 2023 14:33

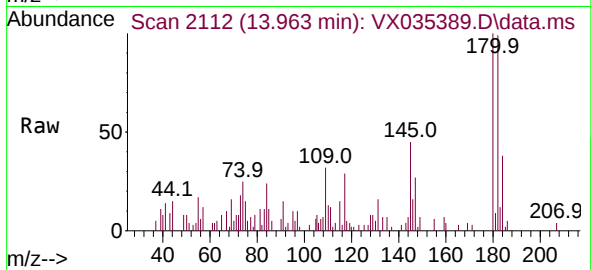
Tgt Ion:128	Resp:	67766
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.2 15.4
129	11.1	8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.071 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX035389.D
 Acq: 28 Apr 2023 14:33

Instrument :
 MSVOA_X
 ClientSampleId :
 SPA-1WC-23-04MEDL



Tgt Ion:	180	Resp:	4046
Ion	Ratio	Lower	Upper
180	100		
182	90.2	48.0	144.2
145	45.0	17.7	53.1

