

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031622\
 Data File : VX027470.D
 Acq On : 16 Mar 2022 14:52
 Operator : JC/MD
 Sample : N1924-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33585

Quant Time: Mar 17 00:51:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

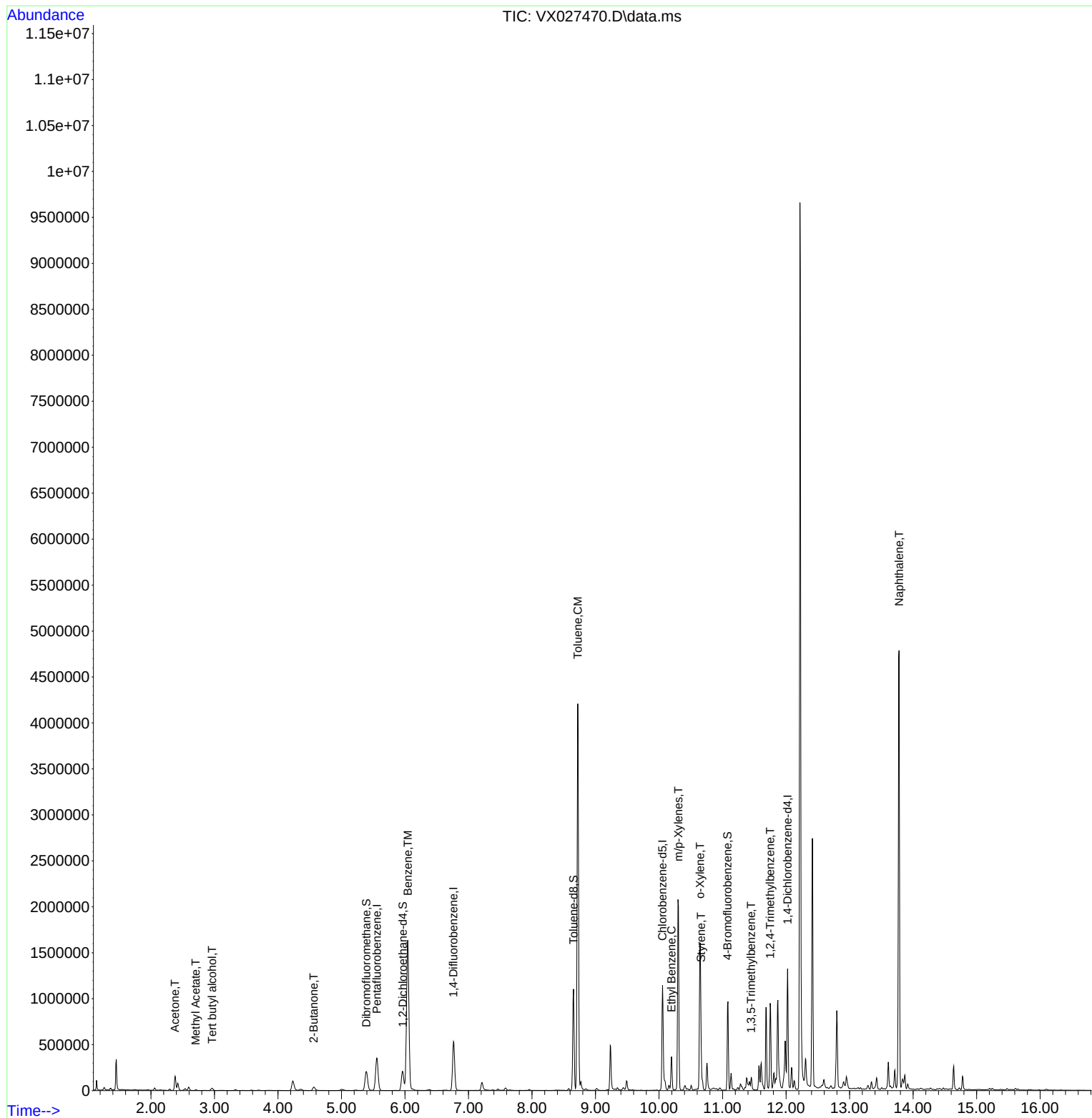
Internal Standards						
1) Pentafluorobenzene	5.556	168	339786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	555297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	522146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	280833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	216682	54.684	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.360%	
35) Dibromofluoromethane	5.391	113	185632	51.807	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.620%	
50) Toluene-d8	8.653	98	660957	48.861	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.720%	
62) 4-Bromofluorobenzene	11.079	95	258249	50.090	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	28466	36.645	ug/l	98
16) Acetone	2.379	43	158750	101.660	ug/l	90
18) Methyl Acetate	2.703	43	10171	2.335	ug/l	95
25) 2-Butanone	4.562	43	61619	22.576	ug/l	95
40) Benzene	6.043	78	1980798	130.728	ug/l	99
52) Toluene	8.720	92	1619112	167.620	ug/l	99
67) Ethyl Benzene	10.195	91	206912	10.922	ug/l	99
68) m/p-Xylenes	10.305	106	496335	66.794	ug/l	99
69) o-Xylene	10.646	106	299674	40.847	ug/l	98
70) Styrene	10.658	104	254475	20.897	ug/l #	87
80) 1,3,5-Trimethylbenzene	11.451	105	57729	3.278	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	346888	19.863	ug/l	72
95) Naphthalene	13.780	128	2992183	141.434	ug/l	99

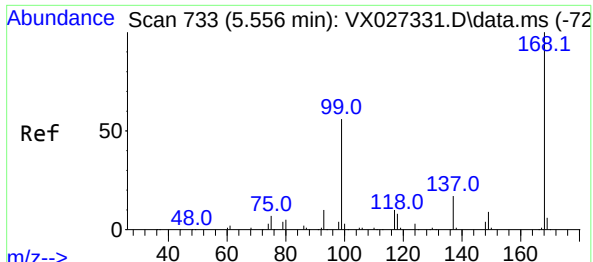
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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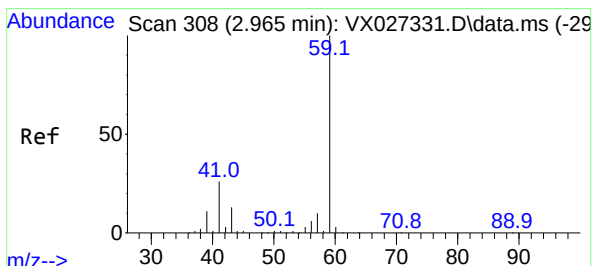
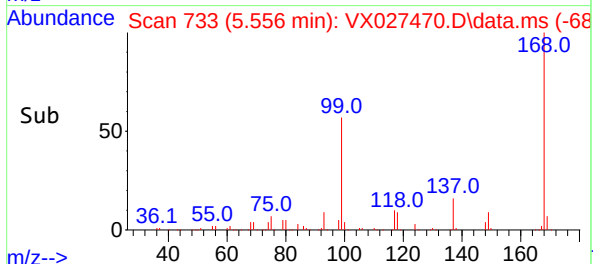
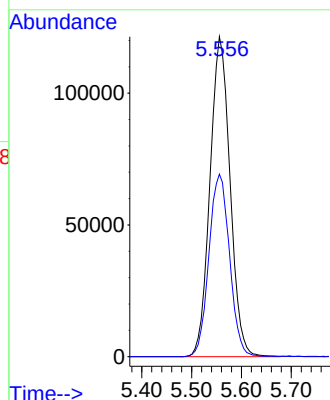
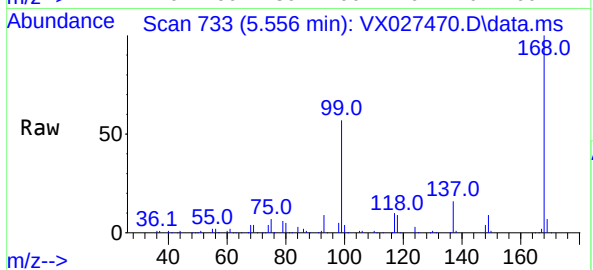




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027470.D
Acq: 16 Mar 2022 14:52

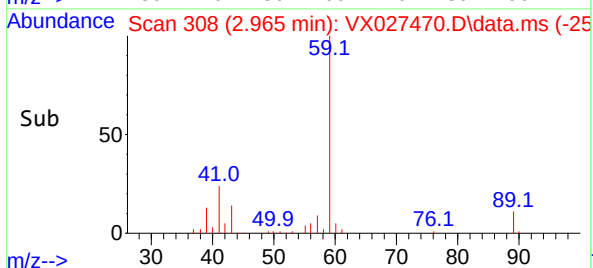
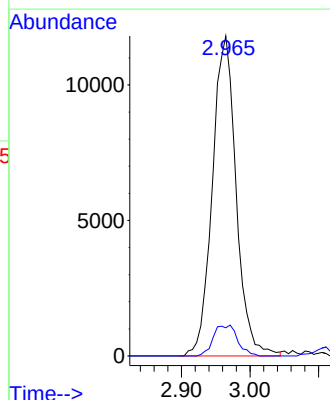
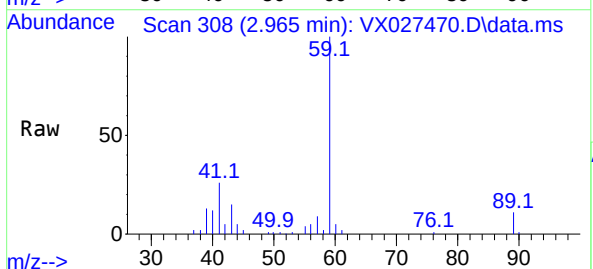
Instrument :
MSVOA_X
ClientSampleId :
33585

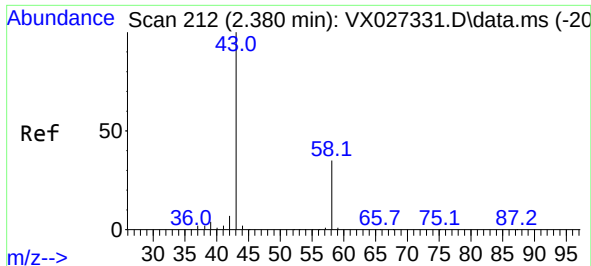
Tgt Ion:168 Resp: 339786
Ion Ratio Lower Upper
168 100
99 57.0 41.7 62.5



#11
Tert butyl alcohol
Concen: 36.645 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX027470.D
Acq: 16 Mar 2022 14:52

Tgt Ion: 59 Resp: 28466
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

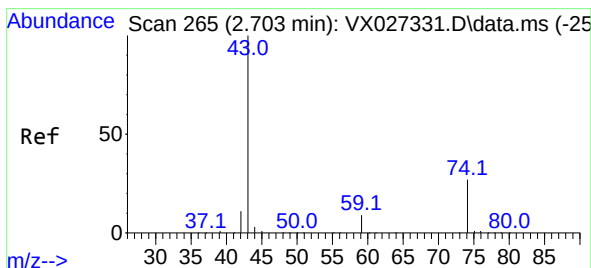
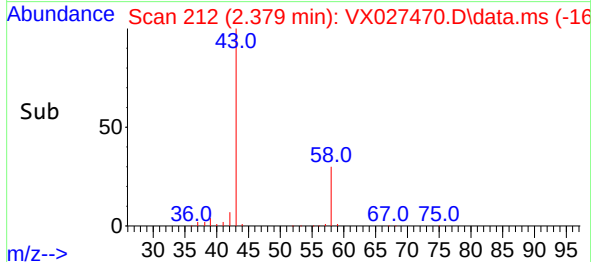
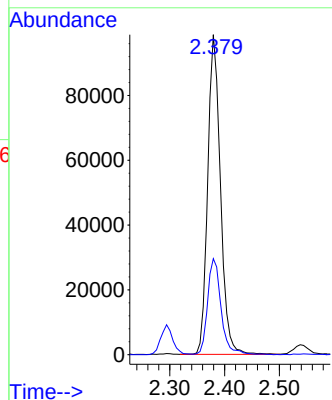
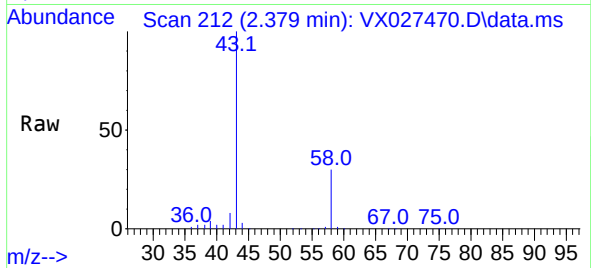




#16
Acetone
Concen: 101.660 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX027470.D
Acq: 16 Mar 2022 14:52

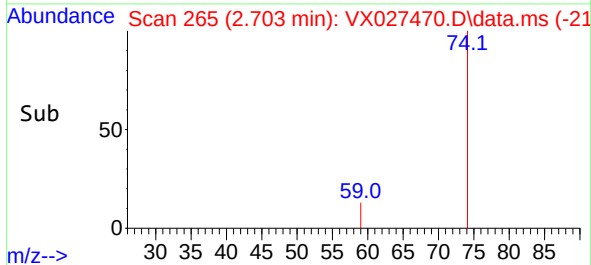
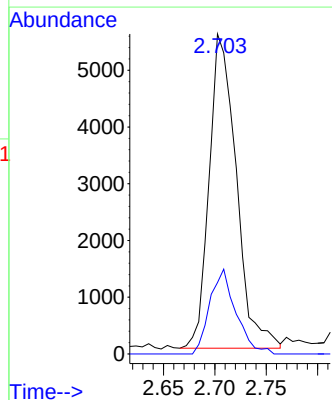
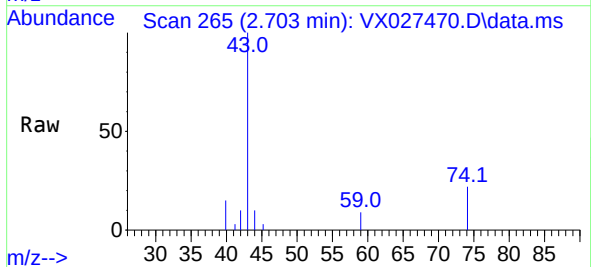
Instrument :
MSVOA_X
ClientSampleId :
33585

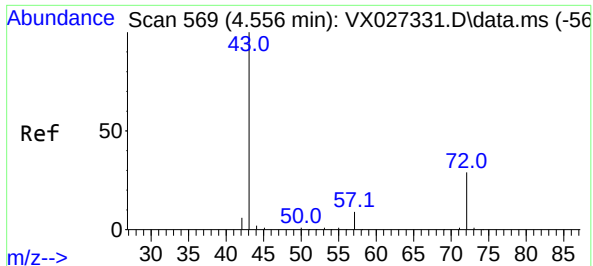
Tgt Ion: 43 Resp: 158750
Ion Ratio Lower Upper
43 100
58 30.0 28.8 43.2



#18
Methyl Acetate
Concen: 2.335 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX027470.D
Acq: 16 Mar 2022 14:52

Tgt Ion: 43 Resp: 10171
Ion Ratio Lower Upper
43 100
74 26.0 22.8 34.2





#25

2-Butanone

Concen: 22.576 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX027470.D

Acq: 16 Mar 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

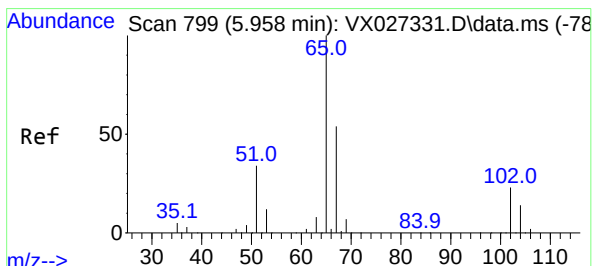
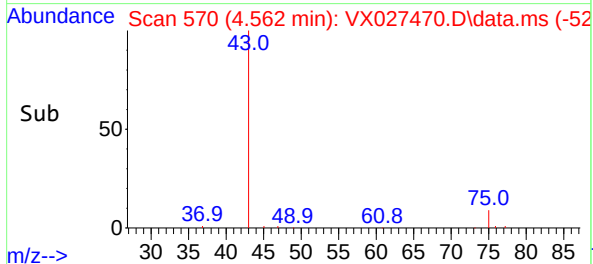
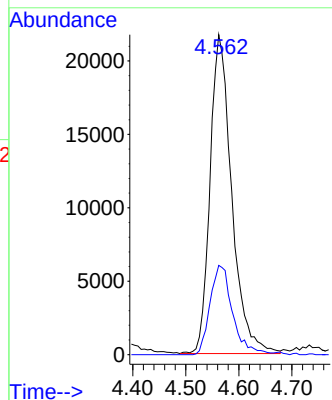
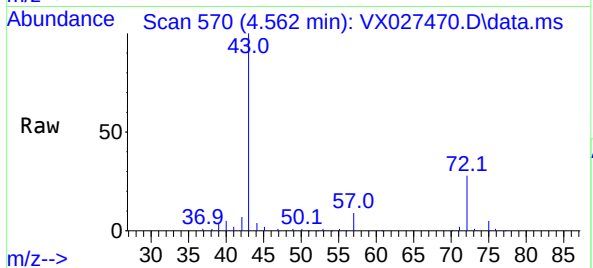
33585

Tgt Ion: 43 Resp: 61619

Ion Ratio Lower Upper

43 100

72 28.0 24.4 36.6



#33

1,2-Dichloroethane-d4

Concen: 54.684 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX027470.D

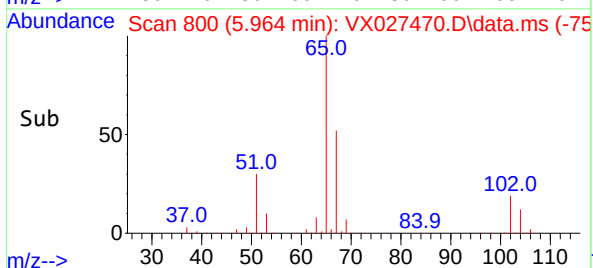
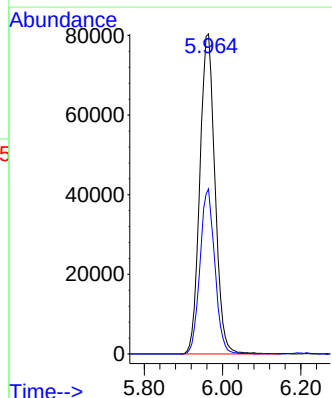
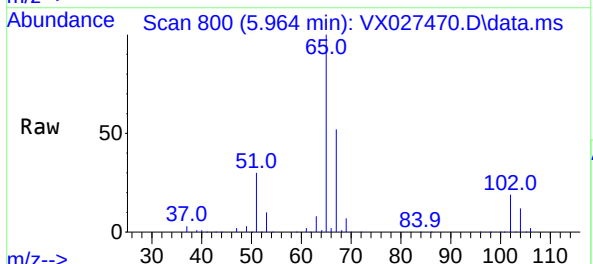
Acq: 16 Mar 2022 14:52

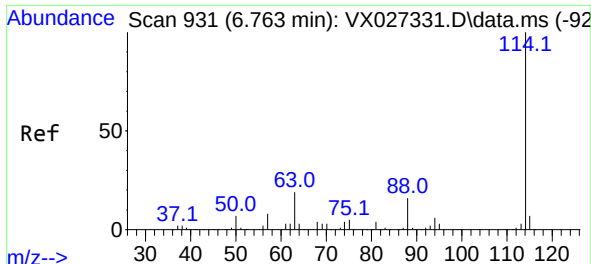
Tgt Ion: 65 Resp: 216682

Ion Ratio Lower Upper

65 100

67 50.4 0.0 107.4

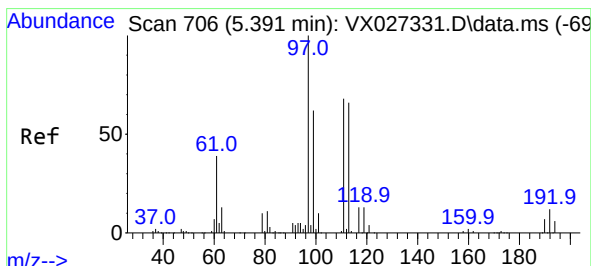
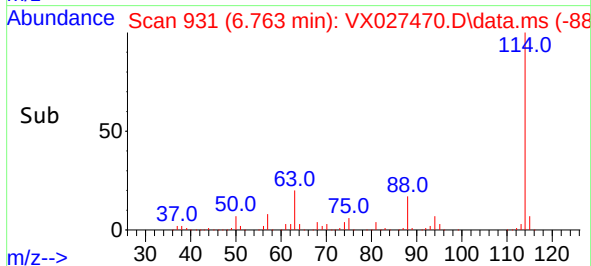
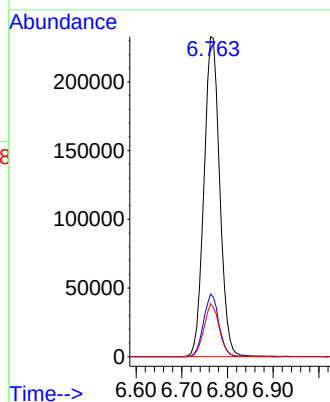
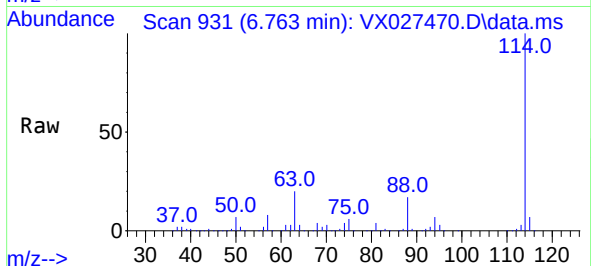




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027470.D
Acq: 16 Mar 2022 14:52

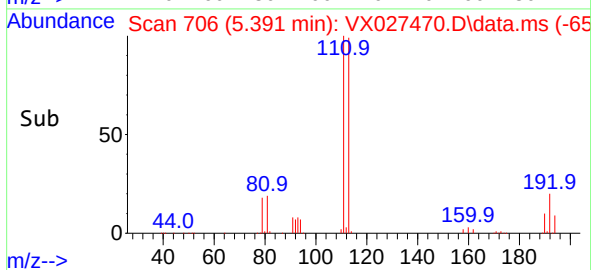
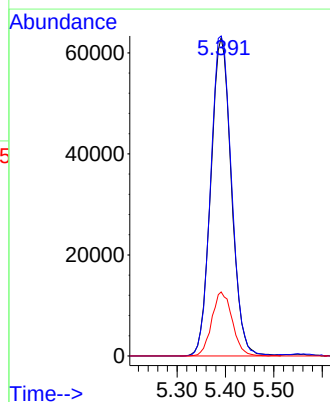
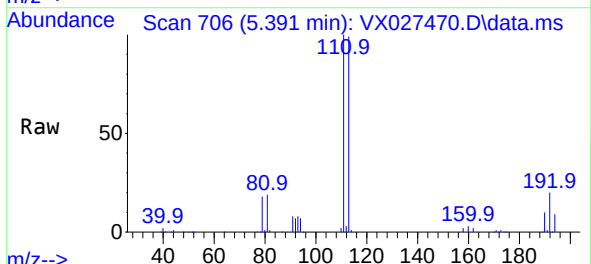
Instrument :
MSVOA_X
ClientSampleId :
33585

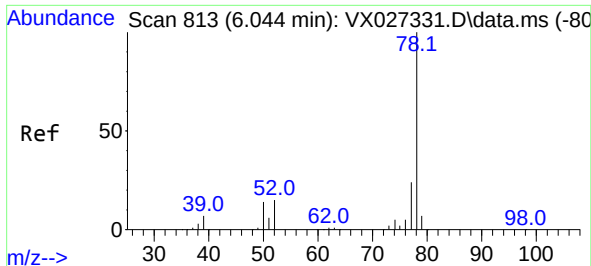
Tgt Ion:114 Resp: 555297
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.807 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027470.D
Acq: 16 Mar 2022 14:52

Tgt Ion:113 Resp: 185632
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 20.1 16.9 25.3

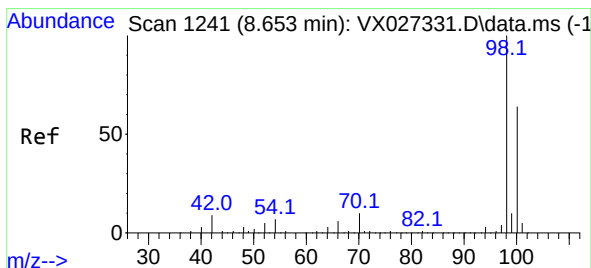
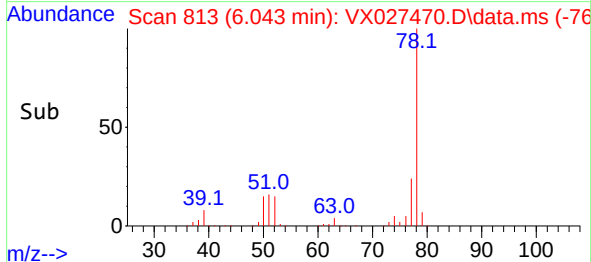
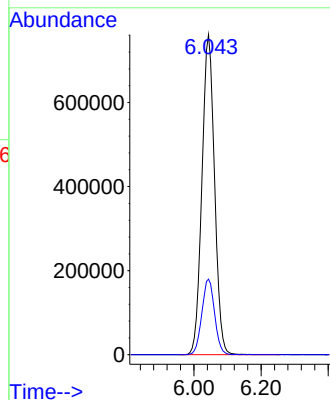
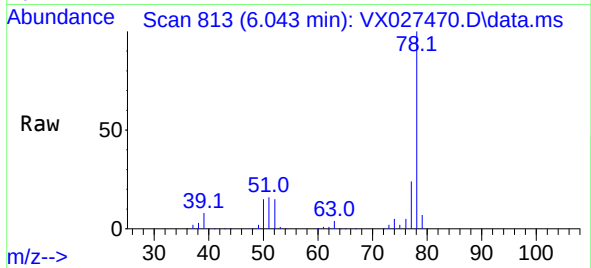




#40
Benzene
Concen: 130.728 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX027470.D
Acq: 16 Mar 2022 14:52

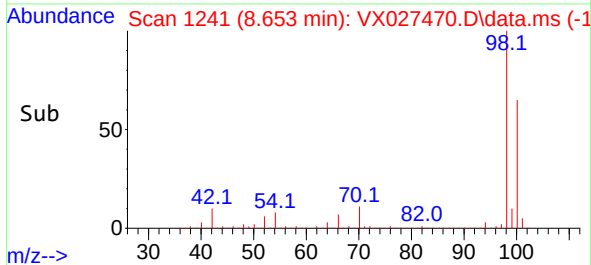
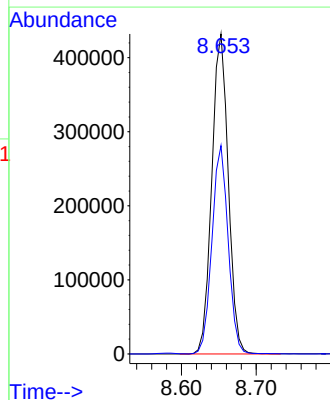
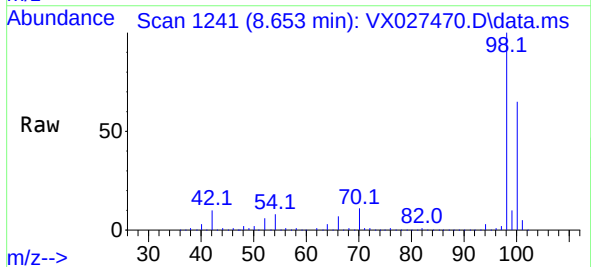
Instrument :
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ClientSampleId :
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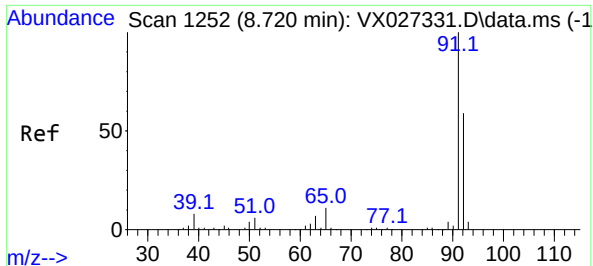
Tgt Ion: 78 Resp: 1980798
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9



#50
Toluene-d8
Concen: 48.861 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027470.D
Acq: 16 Mar 2022 14:52

Tgt Ion: 98 Resp: 660957
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

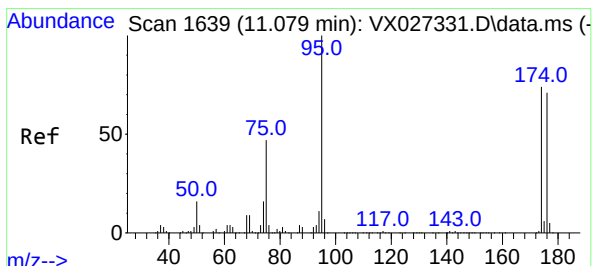
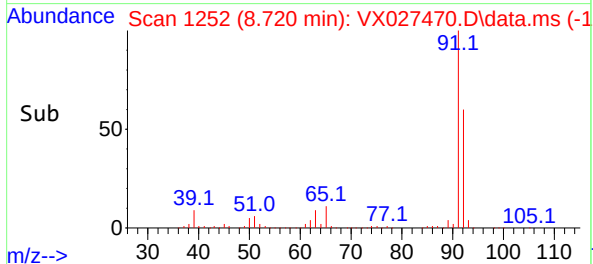
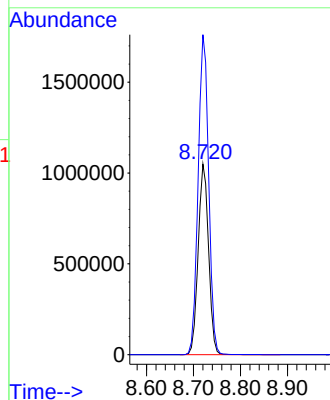
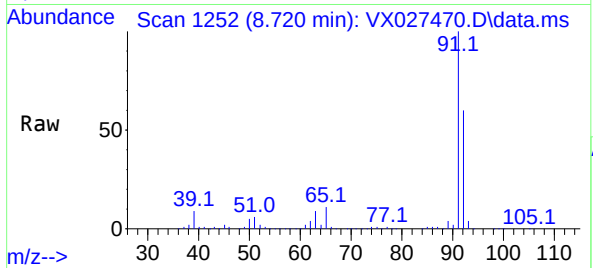




#52
Toluene
Concen: 167.620 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027470.D
Acq: 16 Mar 2022 14:52

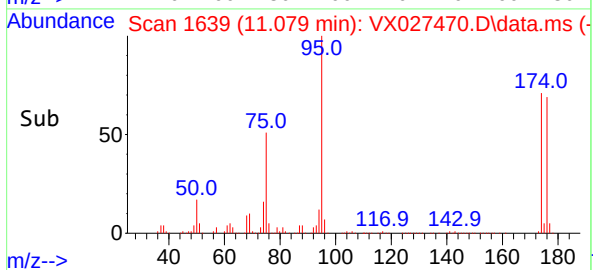
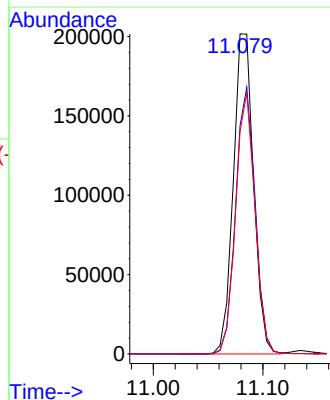
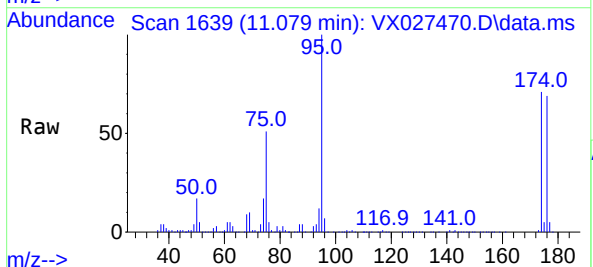
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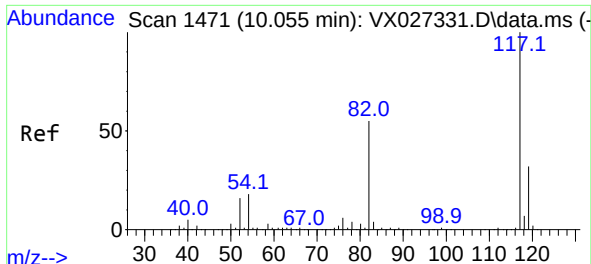
Tgt Ion: 92 Resp: 1619112
Ion Ratio Lower Upper
92 100
91 170.1 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 50.090 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027470.D
Acq: 16 Mar 2022 14:52

Tgt Ion: 95 Resp: 258249
Ion Ratio Lower Upper
95 100
174 80.7 0.0 163.0
176 77.9 0.0 155.0

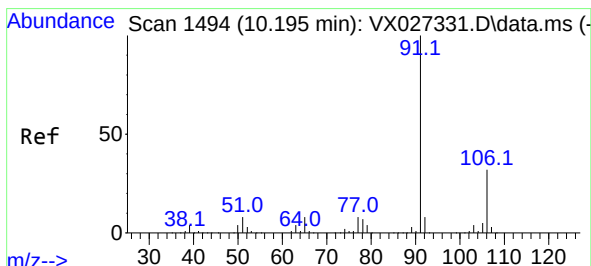
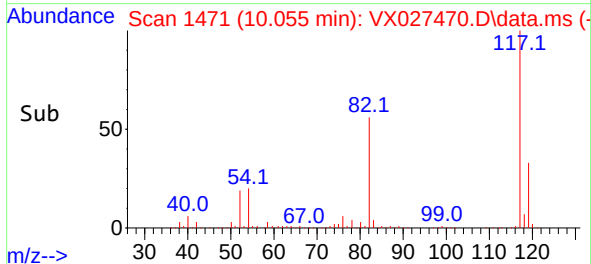
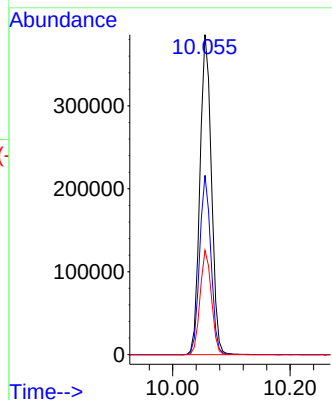
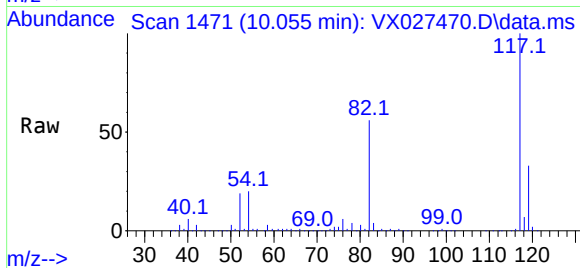




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027470.D
Acq: 16 Mar 2022 14:52

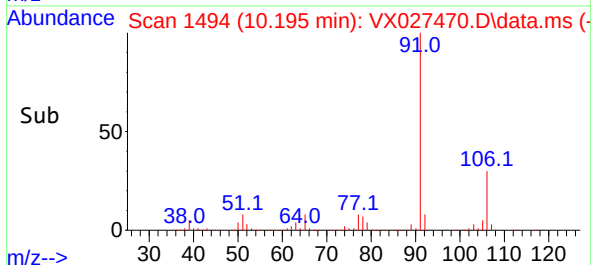
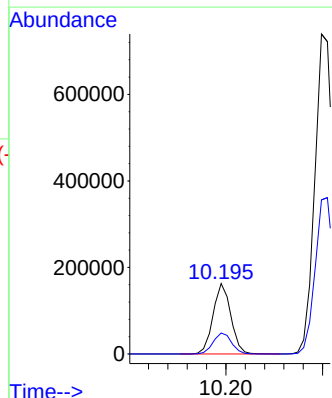
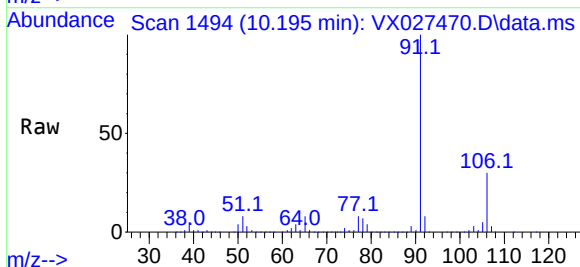
Instrument :
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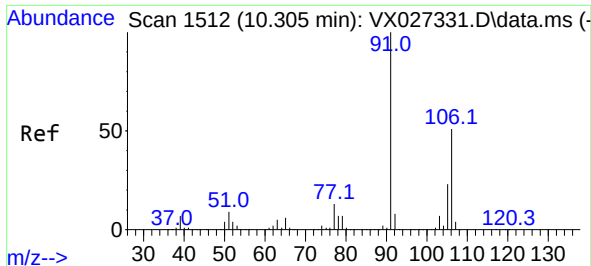
Tgt Ion:117 Resp: 522146
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 32.6 24.8 37.2



#67
Ethyl Benzene
Concen: 10.922 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027470.D
Acq: 16 Mar 2022 14:52

Tgt Ion: 91 Resp: 206912
Ion Ratio Lower Upper
91 100
106 29.9 24.6 36.8

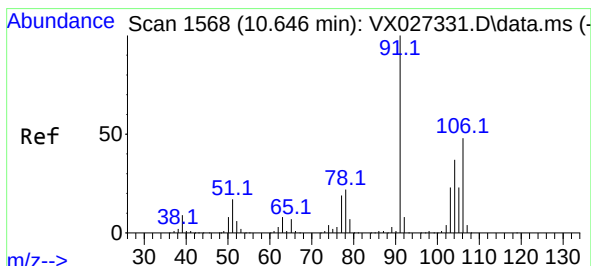
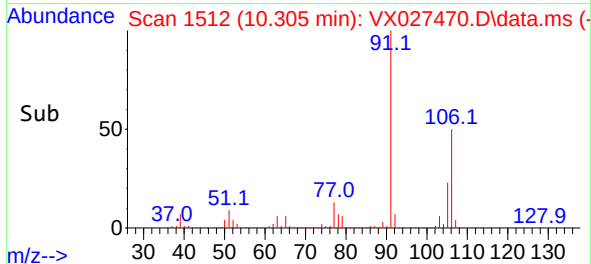
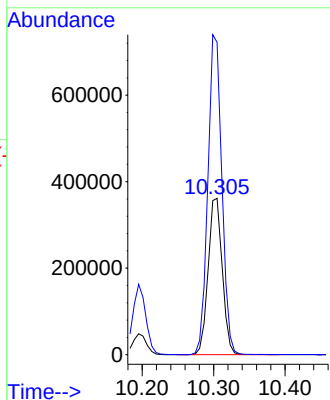
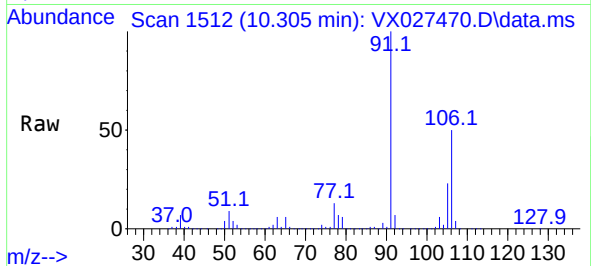




#68
m/p-Xylenes
Concen: 66.794 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027470.D
Acq: 16 Mar 2022 14:52

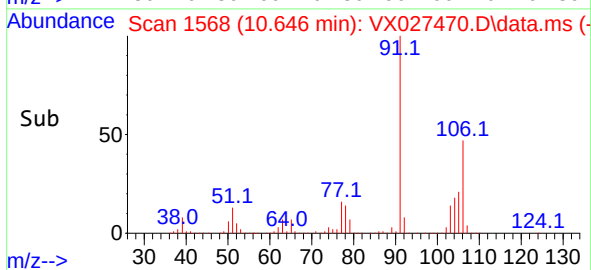
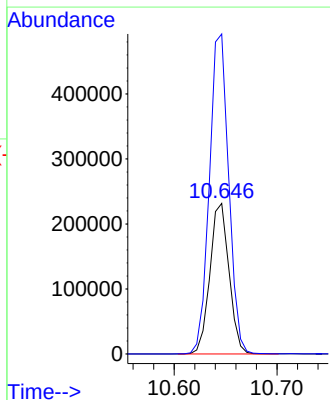
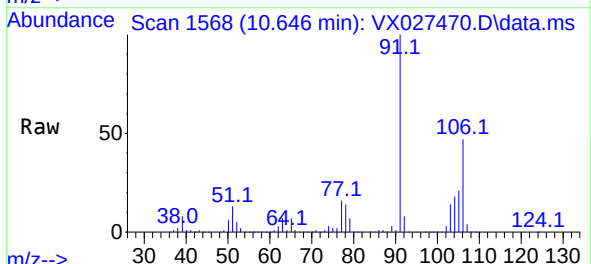
Instrument :
MSVOA_X
ClientSampleId :
33585

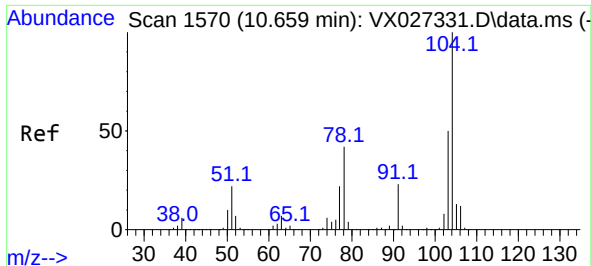
Tgt Ion:106 Resp: 496335
Ion Ratio Lower Upper
106 100
91 202.4 160.4 240.6



#69
o-Xylene
Concen: 40.847 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027470.D
Acq: 16 Mar 2022 14:52

Tgt Ion:106 Resp: 299674
Ion Ratio Lower Upper
106 100
91 215.1 106.1 318.1

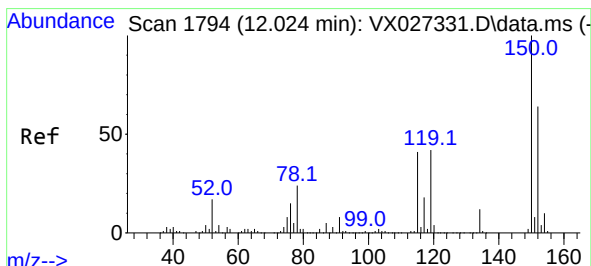
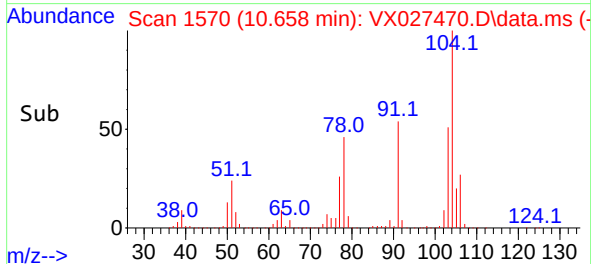
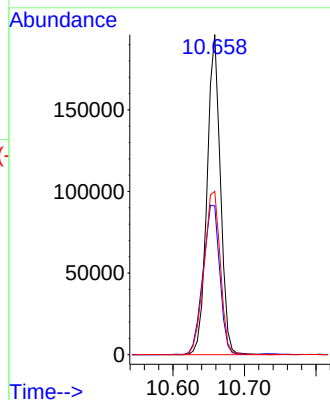
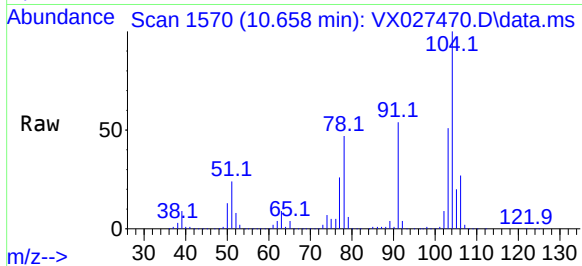




#70
Styrene
Concen: 20.897 ug/l
RT: 10.658 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX027470.D
Acq: 16 Mar 2022 14:52

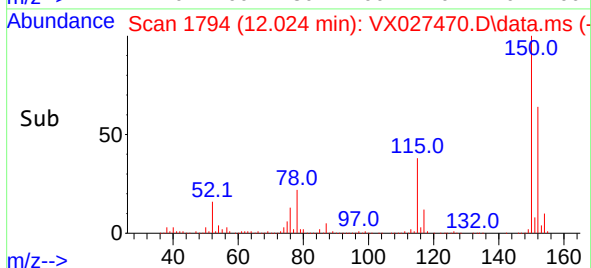
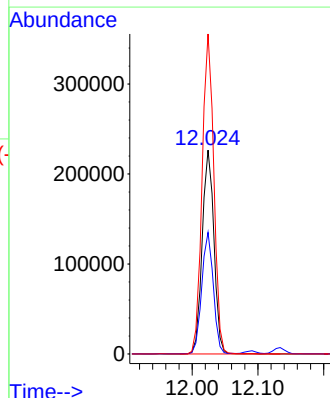
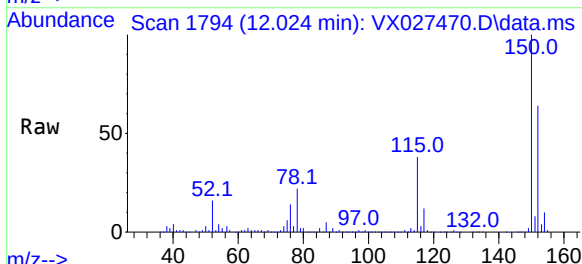
Instrument :
MSVOA_X
ClientSampleId :
33585

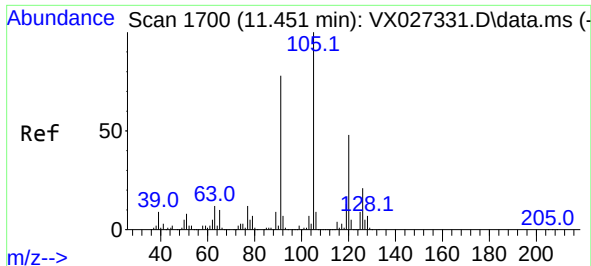
Tgt Ion:104 Resp: 254475
Ion Ratio Lower Upper
104 100
78 58.8 38.6 57.8#
103 62.3 43.8 65.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027470.D
Acq: 16 Mar 2022 14:52

Tgt Ion:152 Resp: 280833
Ion Ratio Lower Upper
152 100
115 59.0 37.5 112.7
150 156.3 0.0 338.2

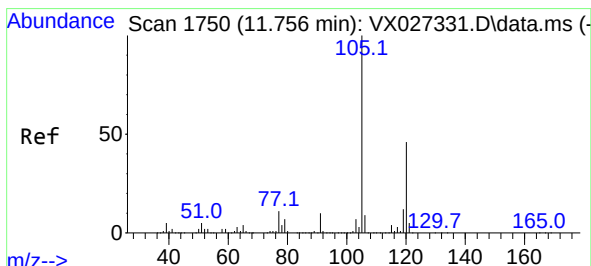
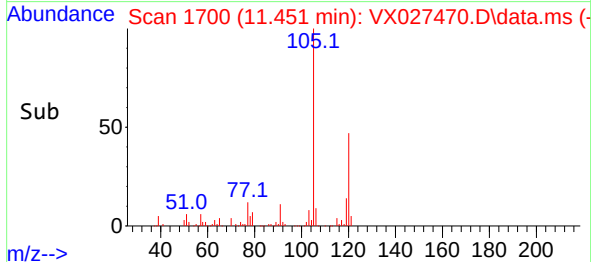
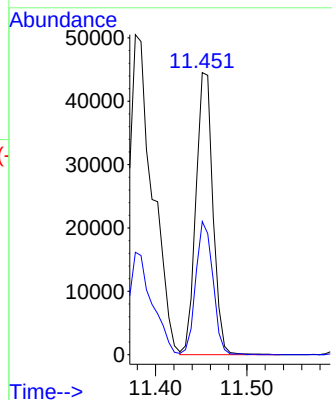
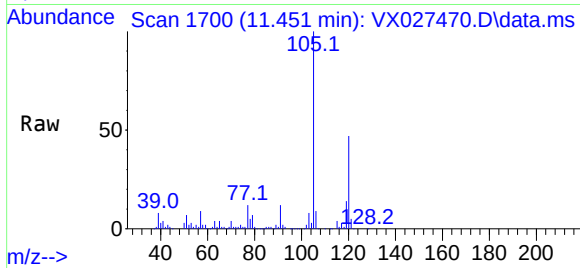




#80
 1,3,5-Trimethylbenzene
 Concen: 3.278 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX027470.D
 Acq: 16 Mar 2022 14:52

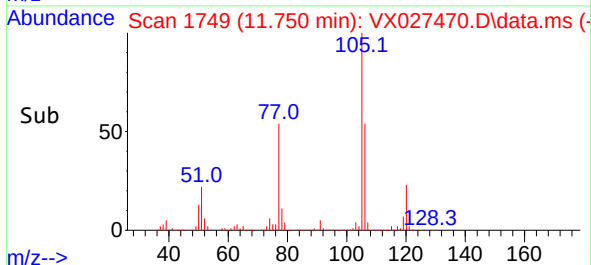
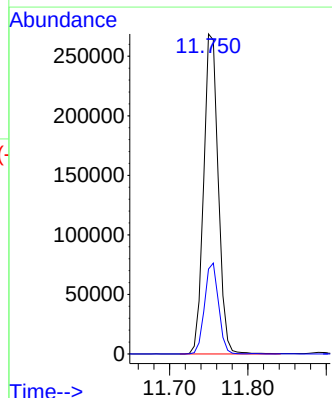
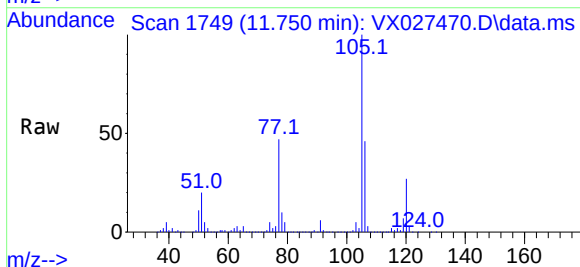
Instrument :
 MSVOA_X
 ClientSampleId :
 33585

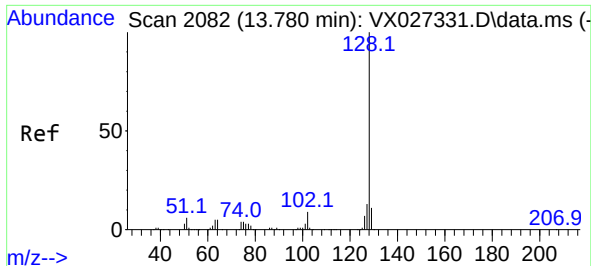
Tgt Ion:105 Resp: 57729
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.3 72.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.863 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.006 min
 Lab File: VX027470.D
 Acq: 16 Mar 2022 14:52

Tgt Ion:105 Resp: 346888
 Ion Ratio Lower Upper
 105 100
 120 27.2 22.6 67.8





#95

Naphthalene

Concen: 141.434 ug/l

RT: 13.780 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX027470.D

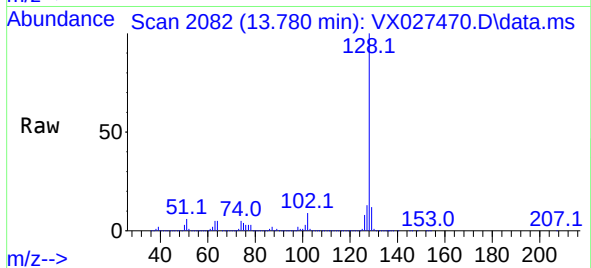
Acq: 16 Mar 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

33585



Tgt Ion:128 Resp: 2992183

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.4 8.7 13.1

