

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026933.D
 Acq On : 10 Feb 2022 20:13
 Operator : JC/MD
 Sample : N1425-04 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20422DL

Quant Time: Feb 11 04:03:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

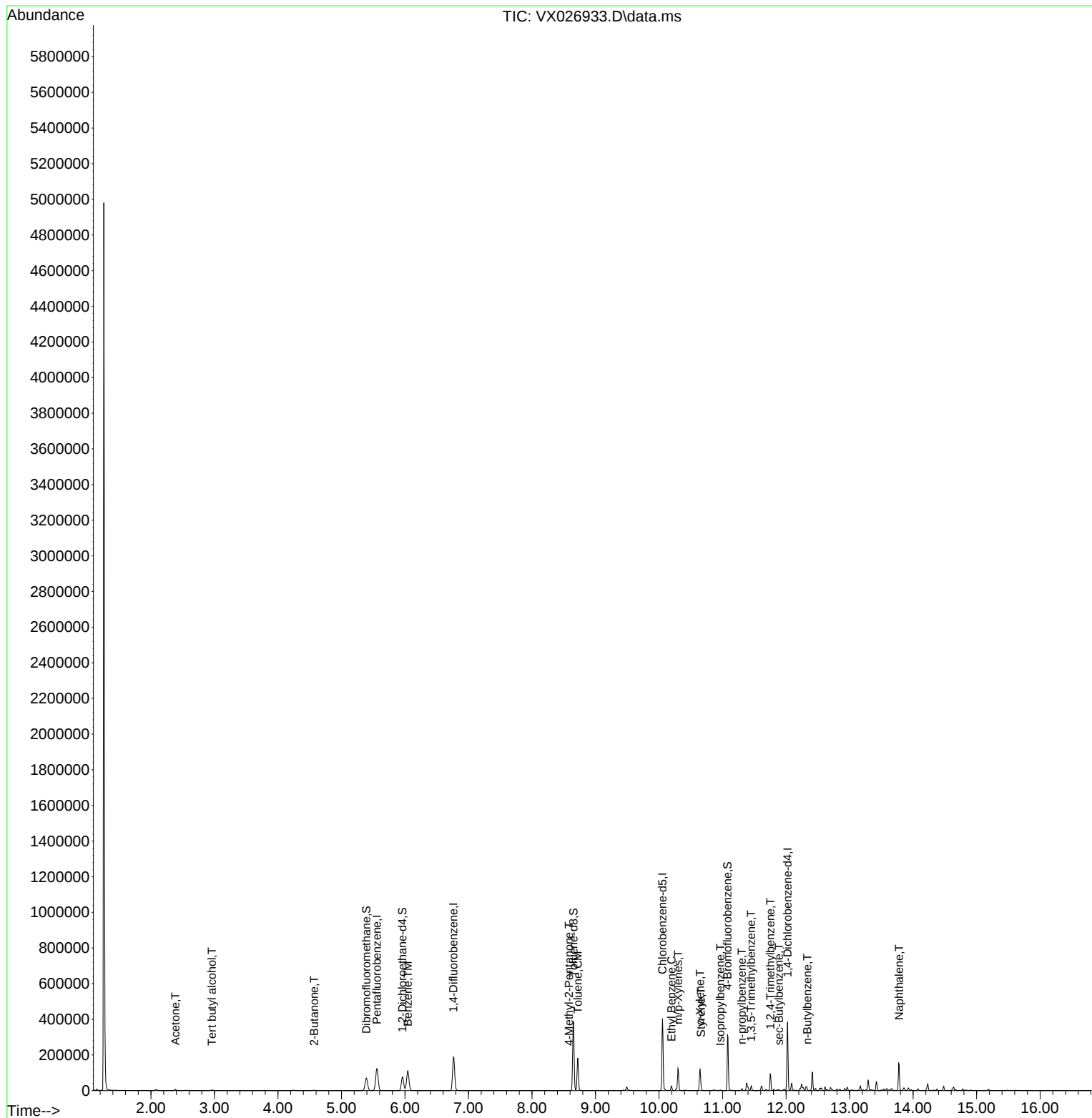
Internal Standards						
1) Pentafluorobenzene	5.556	168	115802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195253	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75064	54.000	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.000%
35) Dibromofluoromethane	5.391	113	61191	52.602	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.200%
50) Toluene-d8	8.653	98	230320	53.938	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.880%
62) 4-Bromofluorobenzene	11.079	95	86507	57.543	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.080%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	4441	17.684	ug/l	99
16) Acetone	2.386	43	8052	13.188	ug/l #	88
25) 2-Butanone	4.568	43	4220	4.290	ug/l	95
40) Benzene	6.044	78	132016	24.683	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	541	0.278	ug/l	94
52) Toluene	8.720	92	67742	20.005	ug/l	99
67) Ethyl Benzene	10.195	91	14550	2.198	ug/l	96
68) m/p-Xylenes	10.299	106	27473	10.788	ug/l	100
69) o-Xylene	10.646	106	23097	9.256	ug/l	99
70) Styrene	10.659	104	13151	3.249	ug/l #	82
73) Isopropylbenzene	10.963	105	2150	0.346	ug/l	98
78) n-propylbenzene	11.305	91	7074	1.026	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	10833	2.117	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	42345	8.203	ug/l	98
85) sec-Butylbenzene	11.890	105	2403	0.389	ug/l	88
89) n-Butylbenzene	12.335	91	4360	1.017	ug/l #	43
95) Naphthalene	13.780	128	95034	16.449	ug/l	100

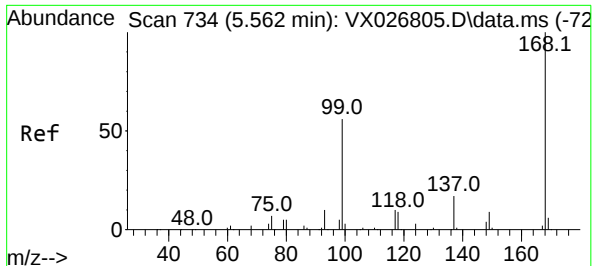
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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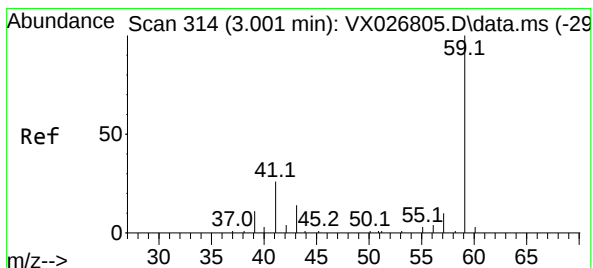
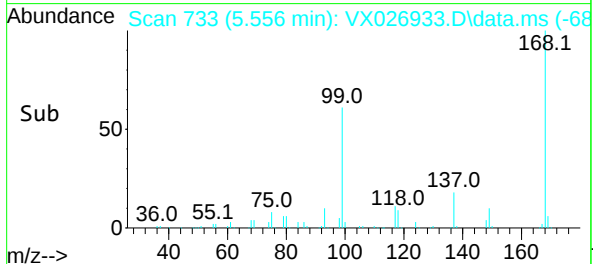
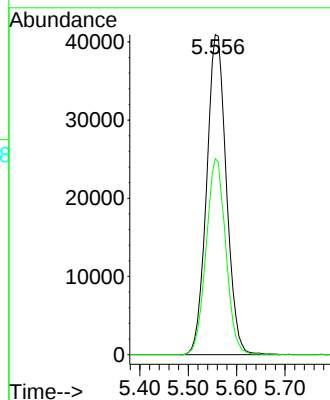
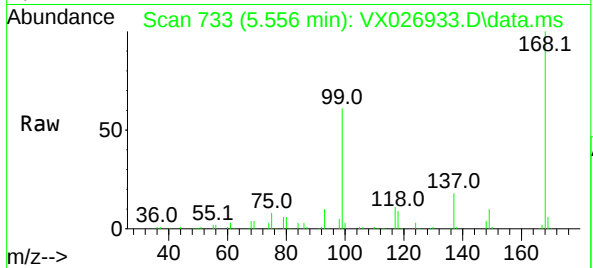




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

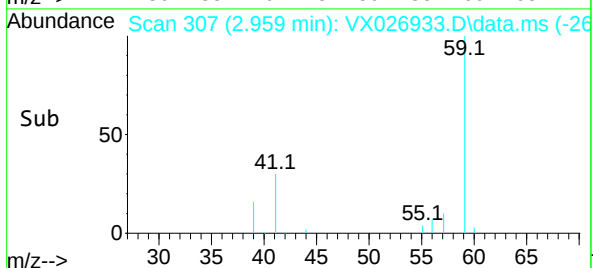
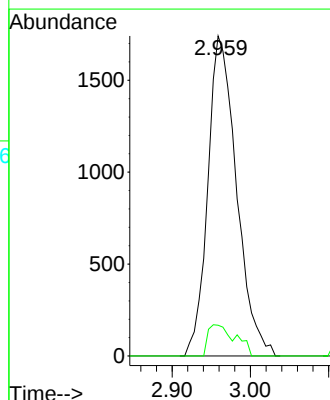
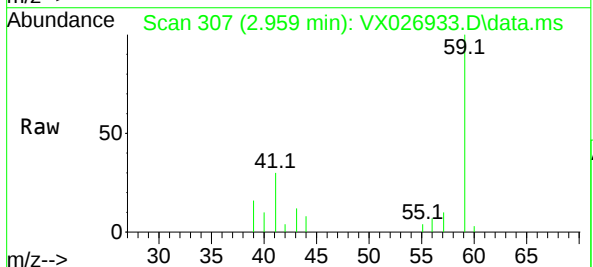
Instrument :
MSVOA_X
ClientSampleId :
20422DL

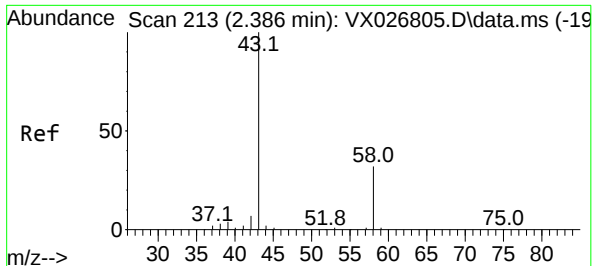
Tgt Ion:168 Resp: 115802
Ion Ratio Lower Upper
168 100
99 61.2 50.3 75.5



#11
Tert butyl alcohol
Concen: 17.684 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.042 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

Tgt Ion: 59 Resp: 4441
Ion Ratio Lower Upper
59 100
57 9.2 7.2 10.8

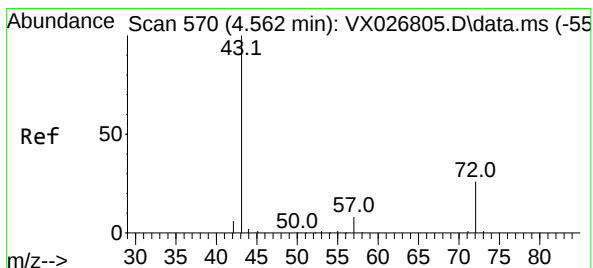
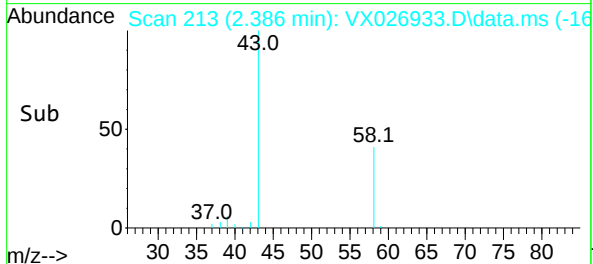
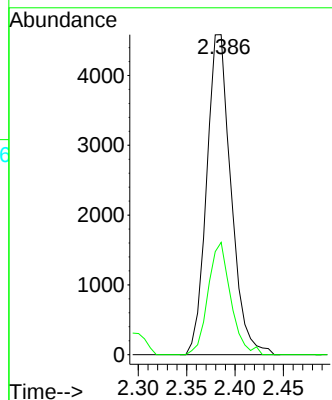
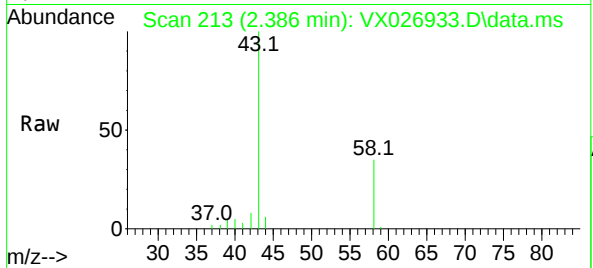




#16
Acetone
Concen: 13.188 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

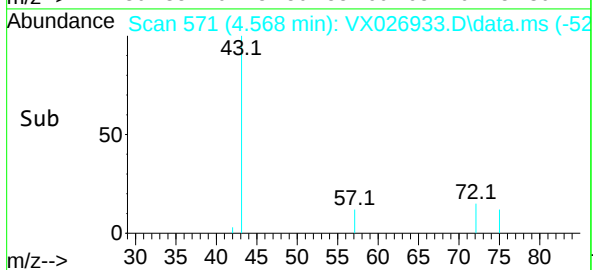
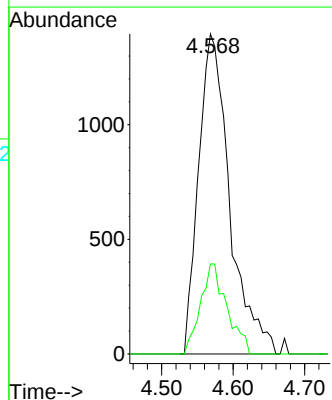
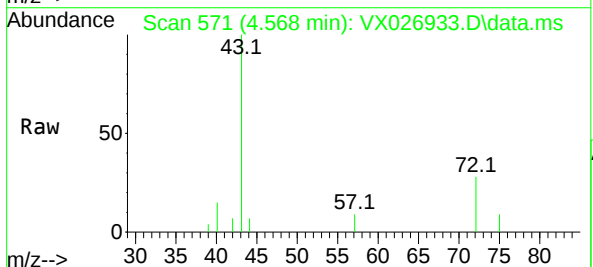
Instrument :
MSVOA_X
ClientSampleId :
20422DL

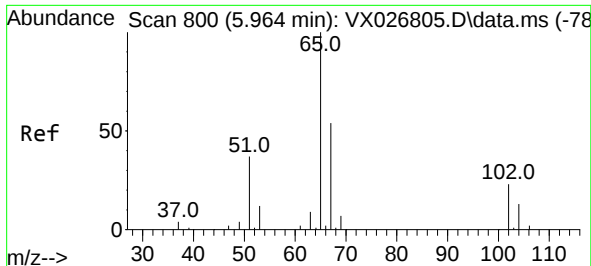
Tgt Ion: 43 Resp: 8052
Ion Ratio Lower Upper
43 100
58 35.1 23.0 34.6#



#25
2-Butanone
Concen: 4.290 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

Tgt Ion: 43 Resp: 4220
Ion Ratio Lower Upper
43 100
72 28.2 20.4 30.6





#33

1,2-Dichloroethane-d4

Concen: 54.000 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026933.D

Acq: 10 Feb 2022 20:13

Instrument :

MSVOA_X

ClientSampleId :

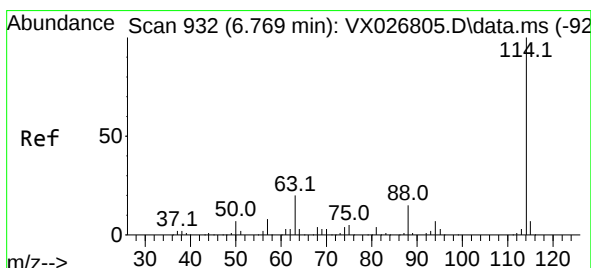
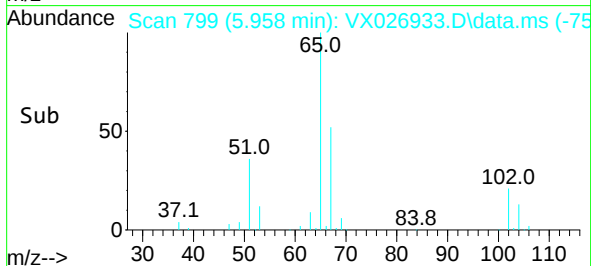
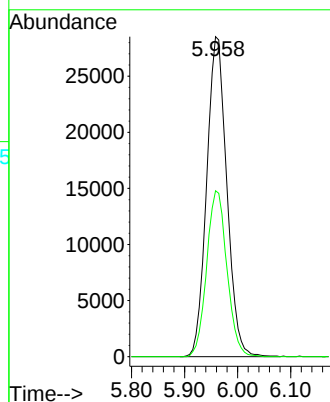
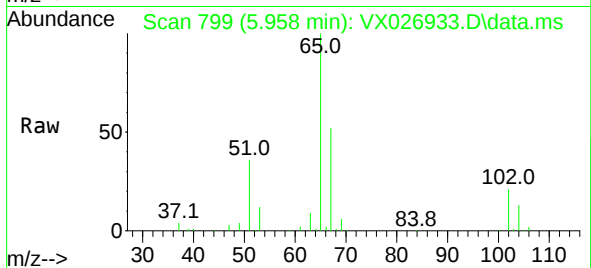
20422DL

Tgt Ion: 65 Resp: 75064

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026933.D

Acq: 10 Feb 2022 20:13

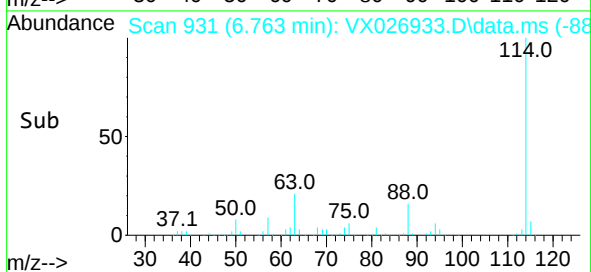
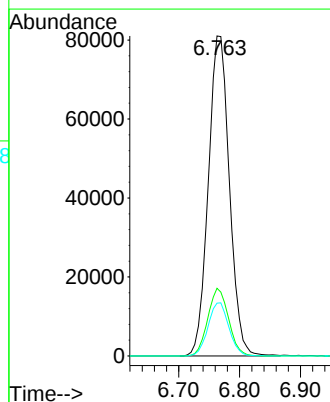
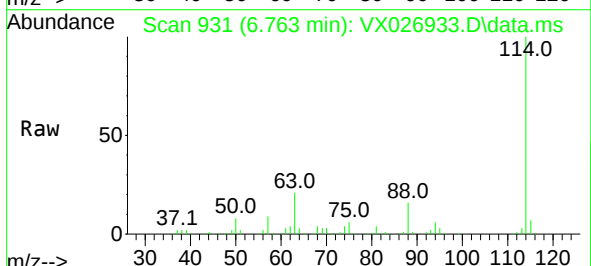
Tgt Ion: 114 Resp: 195253

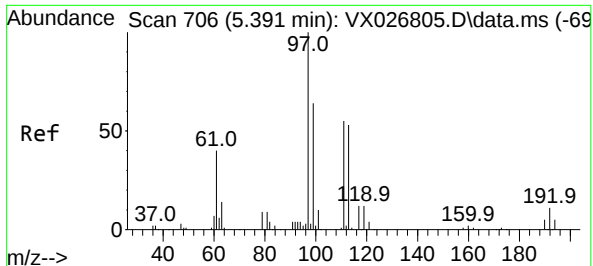
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

88 16.5 0.0 33.0

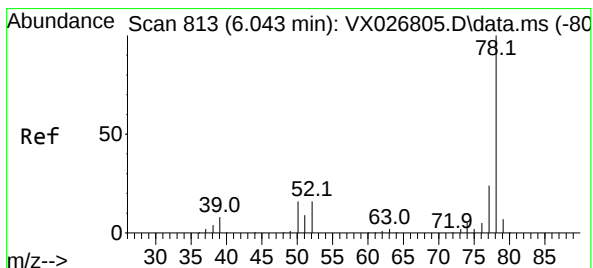
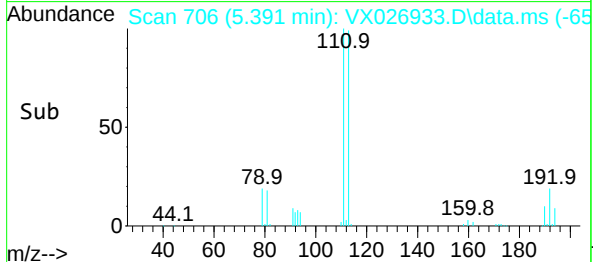
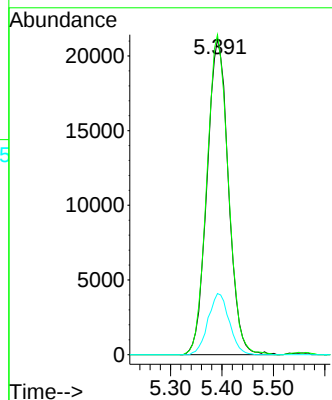
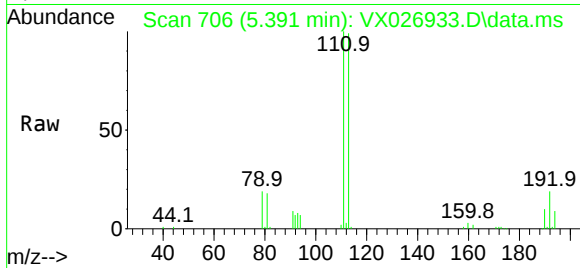




#35
Dibromofluoromethane
Concen: 52.602 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

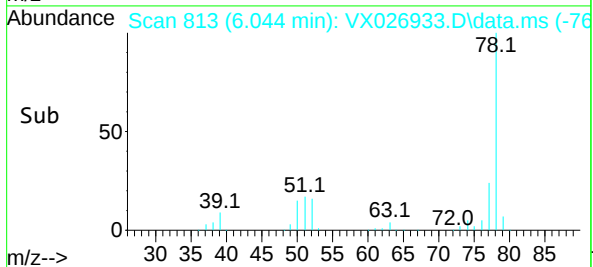
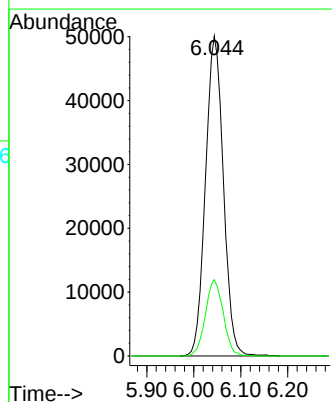
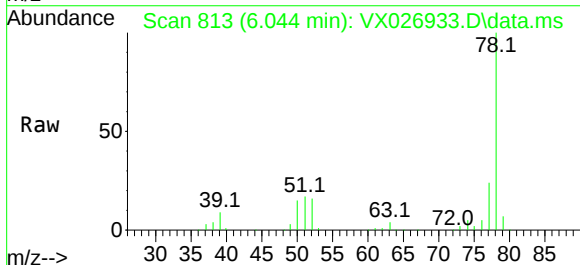
Instrument :
MSVOA_X
ClientSampleId :
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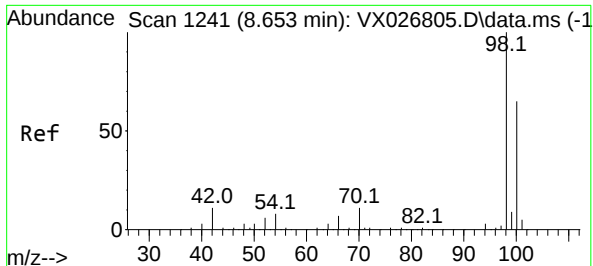
Tgt Ion:113 Resp: 61191
Ion Ratio Lower Upper
113 100
111 101.3 81.2 121.8
192 19.1 15.0 22.4



#40
Benzene
Concen: 24.683 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

Tgt Ion: 78 Resp: 132016
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

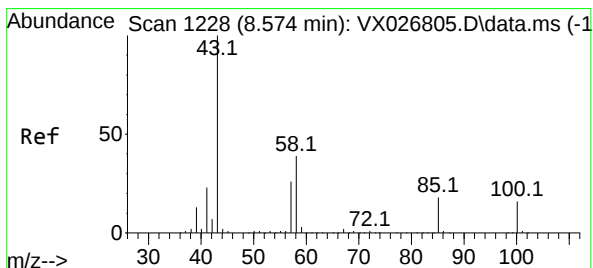
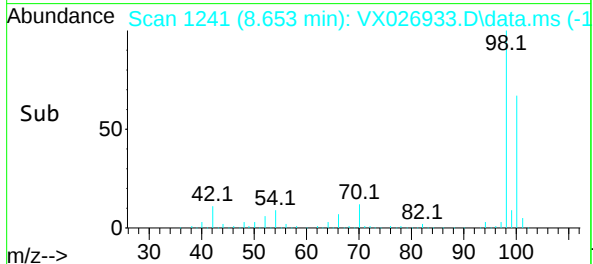
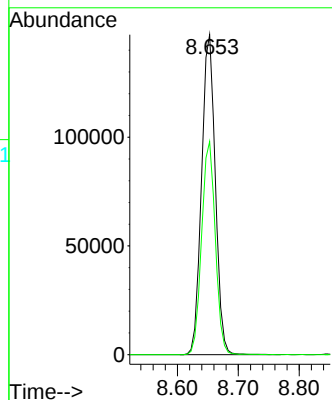
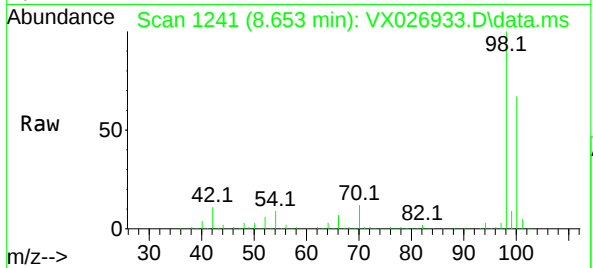




#50
Toluene-d8
Concen: 53.938 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

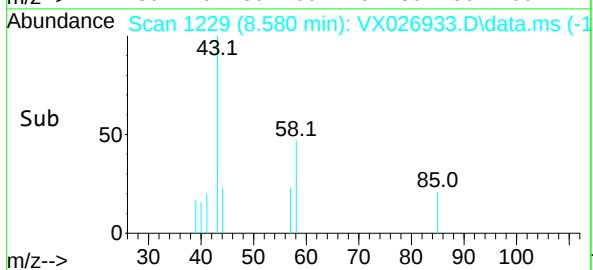
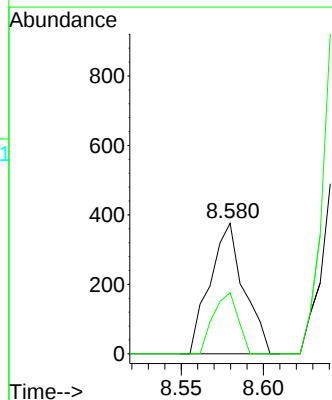
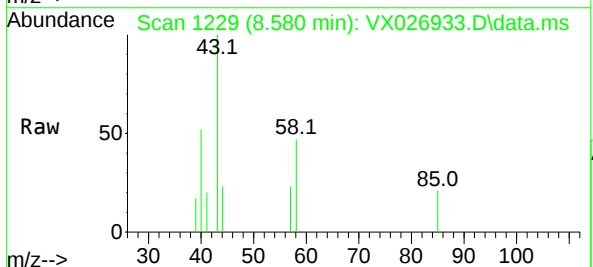
Instrument :
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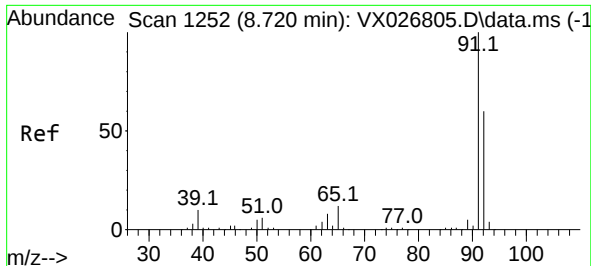
Tgt Ion: 98 Resp: 230320
Ion Ratio Lower Upper
98 100
100 66.2 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.278 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

Tgt Ion: 43 Resp: 541
Ion Ratio Lower Upper
43 100
58 34.2 30.5 45.7

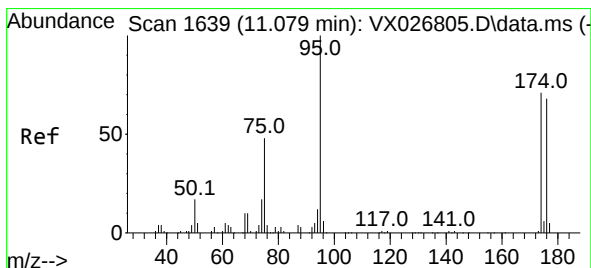
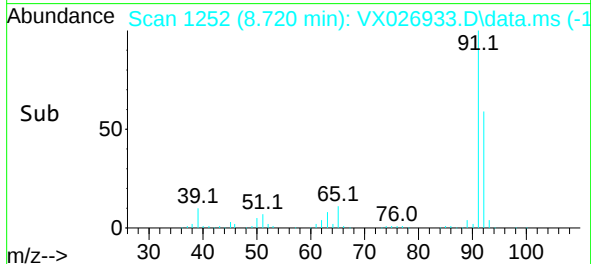
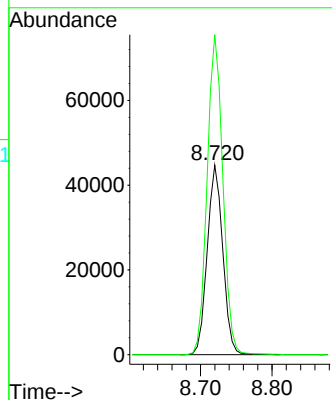
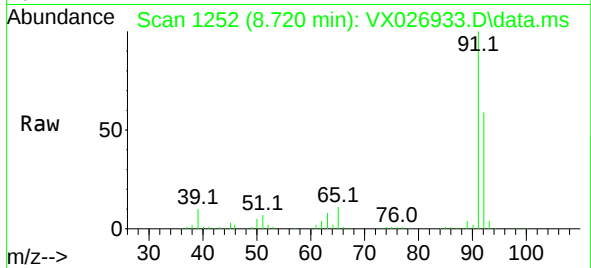




#52
Toluene
Concen: 20.005 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

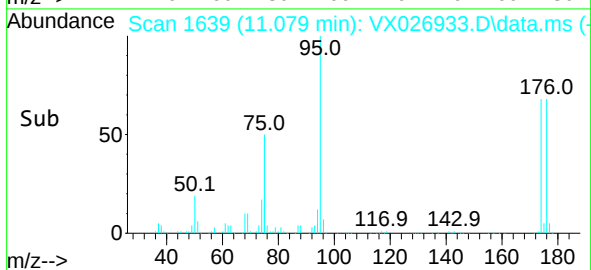
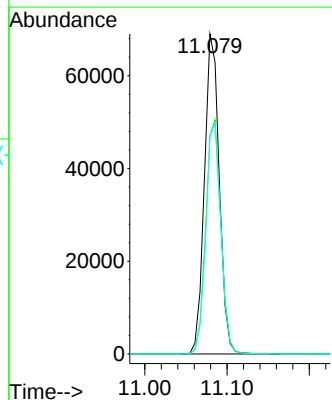
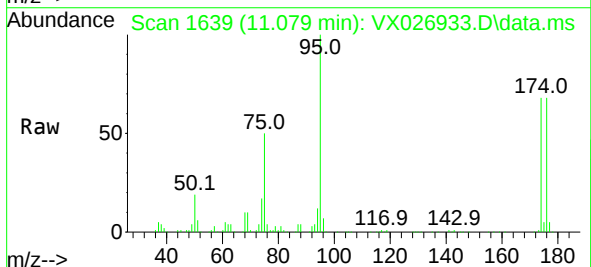
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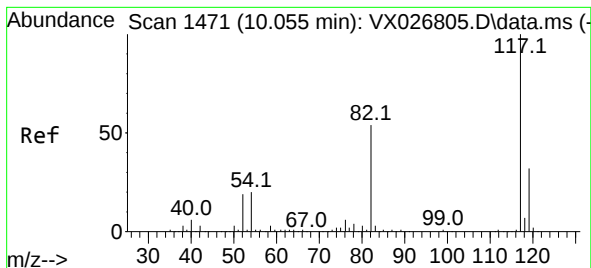
Tgt Ion: 92 Resp: 67742
Ion Ratio Lower Upper
92 100
91 170.3 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 57.543 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

Tgt Ion: 95 Resp: 86507
Ion Ratio Lower Upper
95 100
174 74.8 0.0 148.6
176 72.8 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX026933.D

Acq: 10 Feb 2022 20:13

Instrument :

MSVOA_X

ClientSampleId :

20422DL

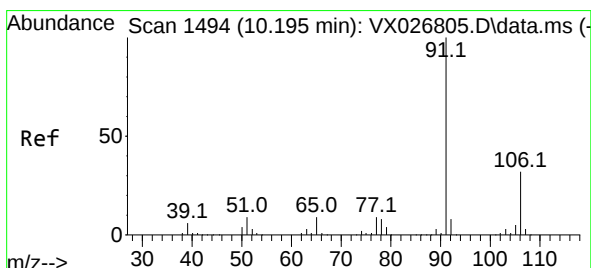
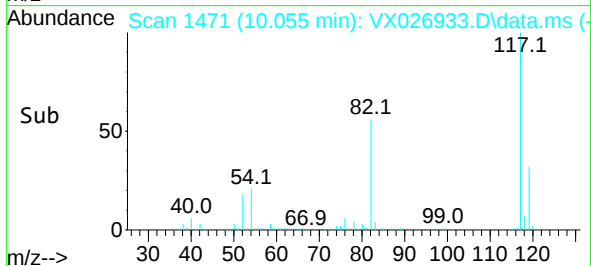
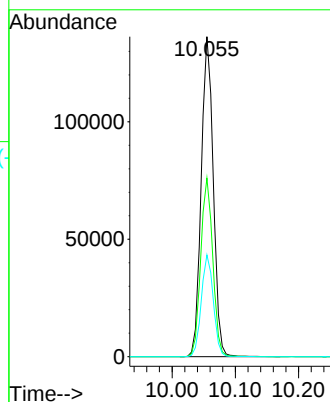
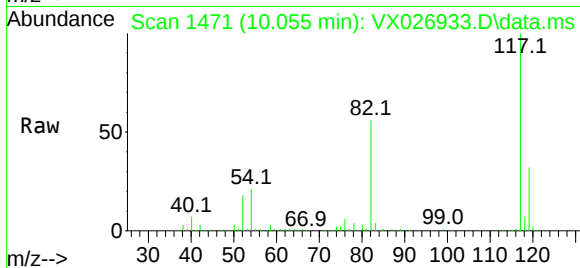
Tgt Ion:117 Resp: 180836

Ion Ratio Lower Upper

117 100

82 55.8 45.2 67.8

119 31.8 26.2 39.2



#67

Ethyl Benzene

Concen: 2.198 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX026933.D

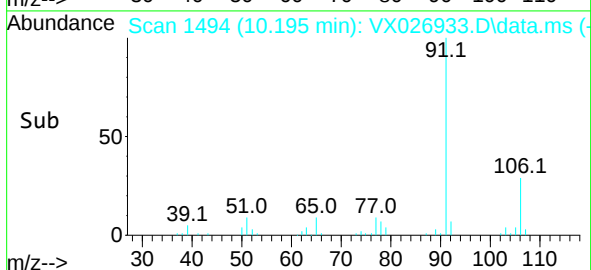
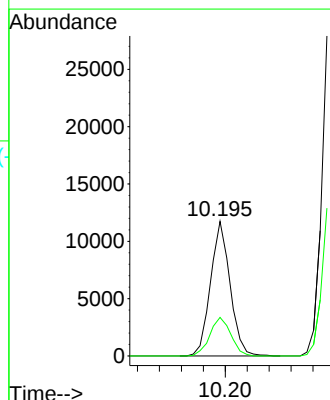
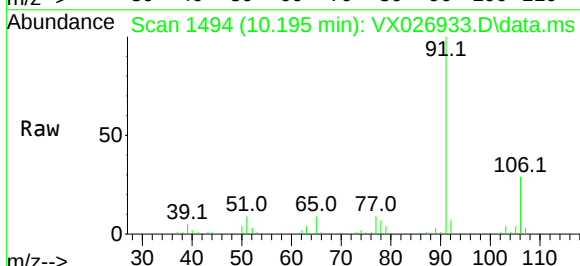
Acq: 10 Feb 2022 20:13

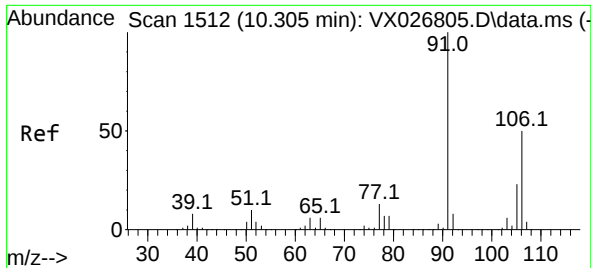
Tgt Ion: 91 Resp: 14550

Ion Ratio Lower Upper

91 100

106 28.7 24.7 37.1

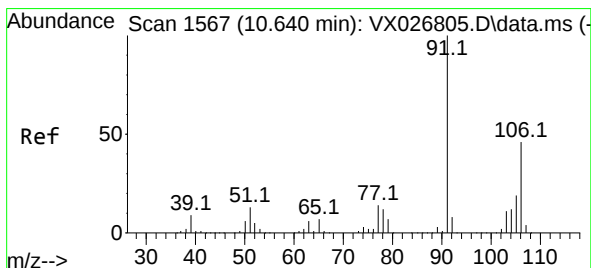
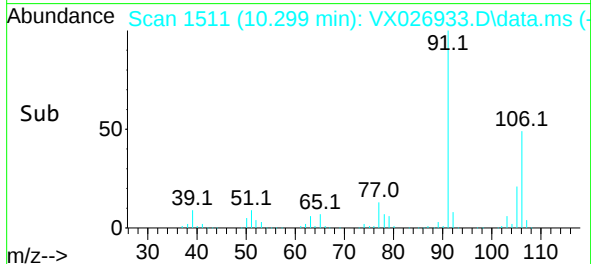
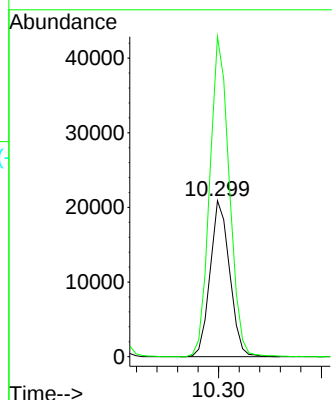
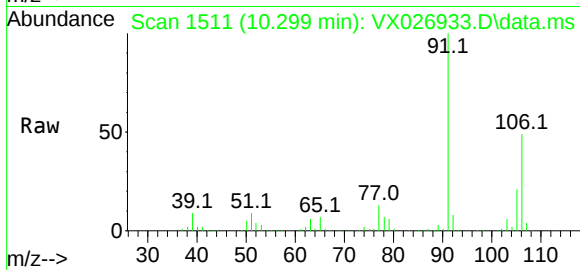




#68
m/p-Xylenes
Concen: 10.788 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

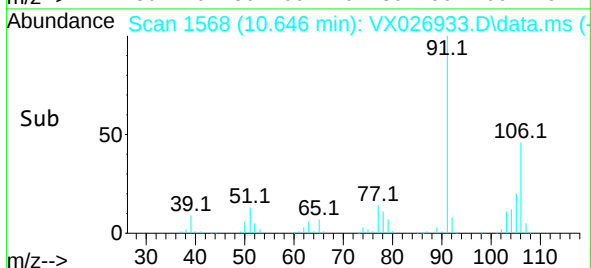
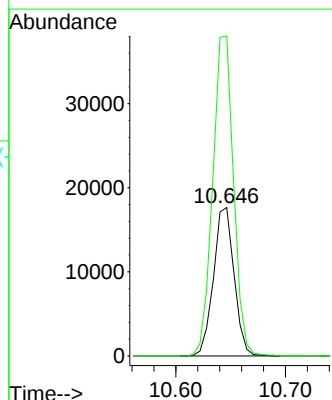
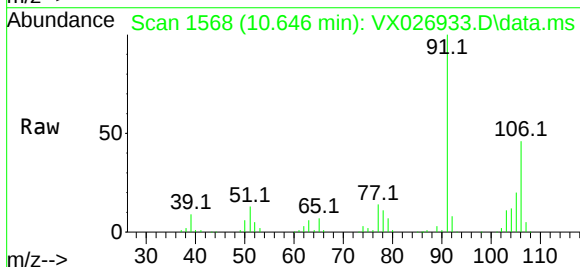
Instrument :
MSVOA_X
ClientSampleId :
20422DL

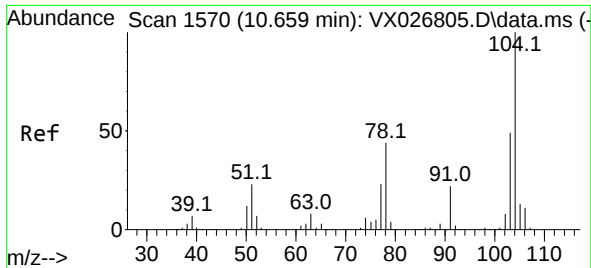
Tgt Ion:106 Resp: 27473
Ion Ratio Lower Upper
106 100
91 206.2 165.3 247.9



#69
o-Xylene
Concen: 9.256 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

Tgt Ion:106 Resp: 23097
Ion Ratio Lower Upper
106 100
91 218.2 109.7 329.0

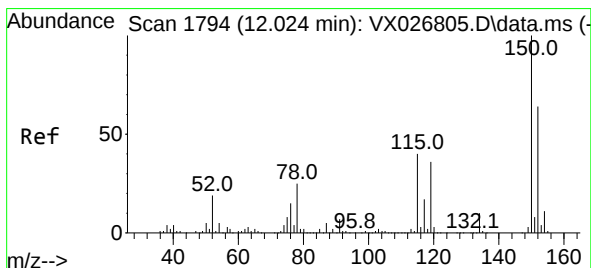
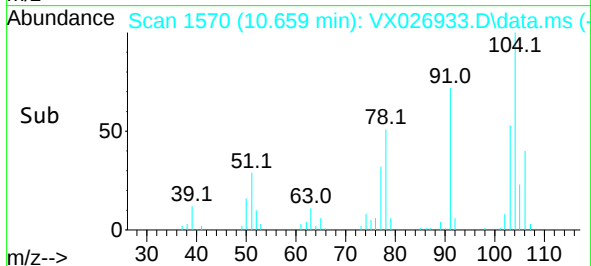
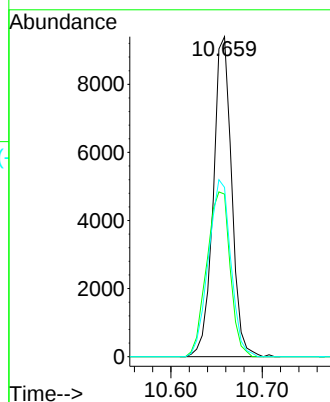
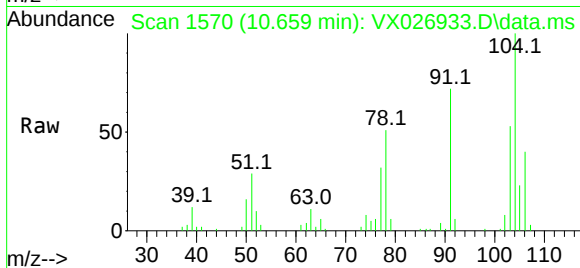




#70
Styrene
Concen: 3.249 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

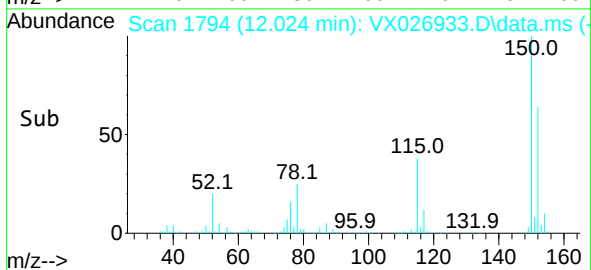
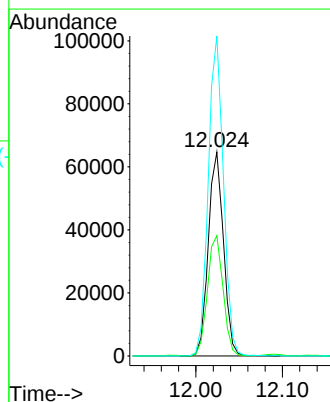
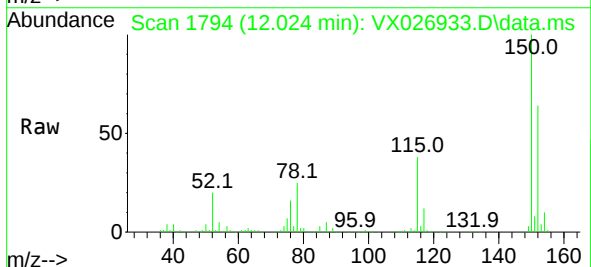
Instrument :
MSVOA_X
ClientSampleId :
20422DL

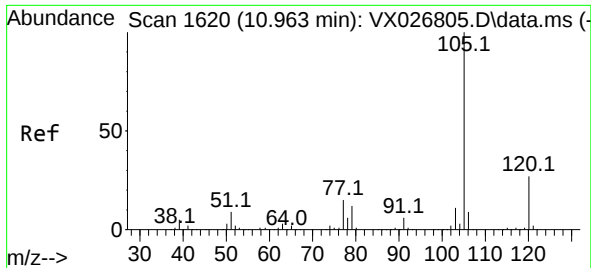
Tgt Ion:104 Resp: 13151
Ion Ratio Lower Upper
104 100
78 65.4 42.5 63.7#
103 67.3 43.3 64.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

Tgt Ion:152 Resp: 78948
Ion Ratio Lower Upper
152 100
115 60.6 44.2 132.6
150 156.1 0.0 348.2

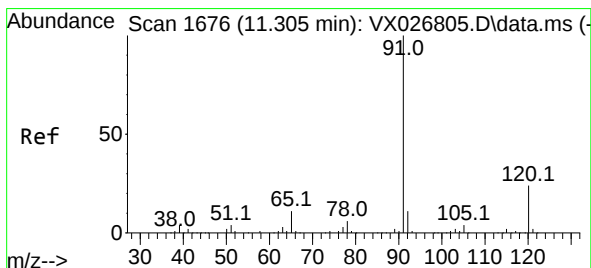
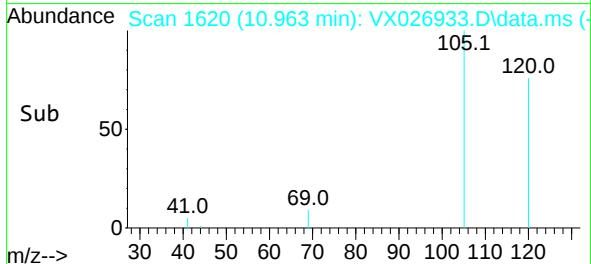
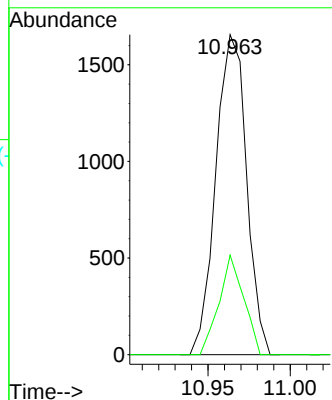
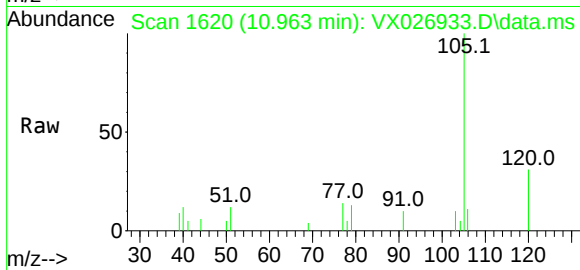




#73
Isopropylbenzene
Concen: 0.346 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

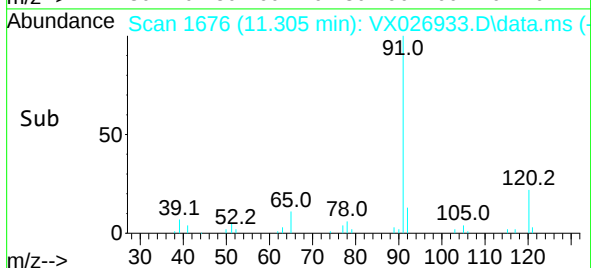
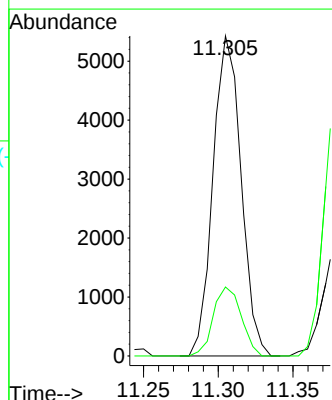
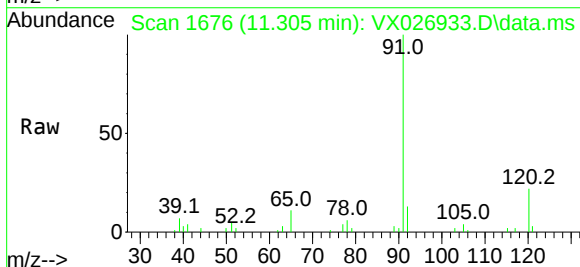
Instrument :
MSVOA_X
ClientSampleId :
20422DL

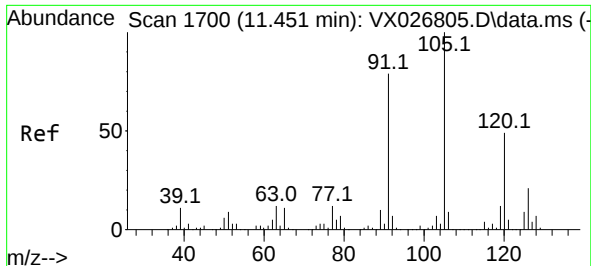
Tgt Ion:105 Resp: 2150
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.1



#78
n-propylbenzene
Concen: 1.026 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

Tgt Ion: 91 Resp: 7074
Ion Ratio Lower Upper
91 100
120 21.4 11.6 34.7

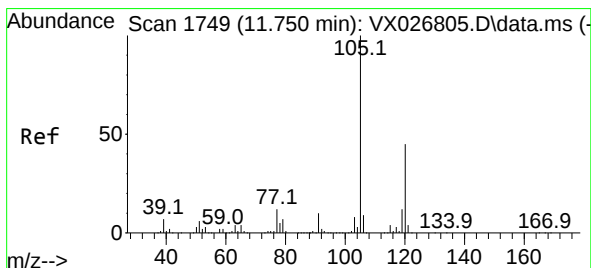
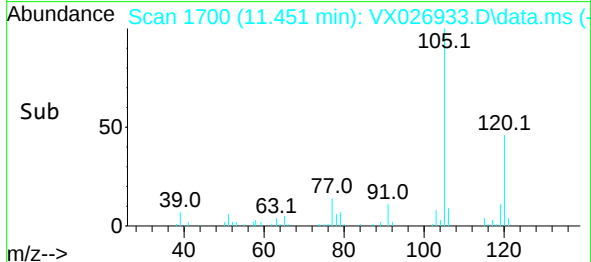
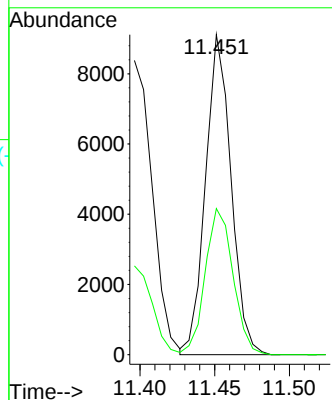
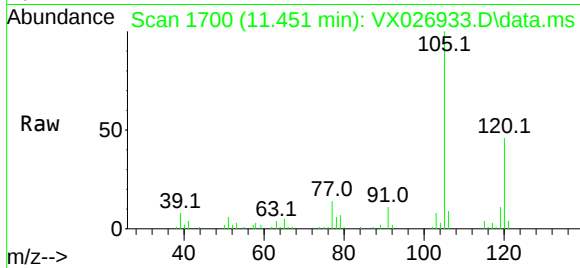




#80
1,3,5-Trimethylbenzene
Concen: 2.117 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

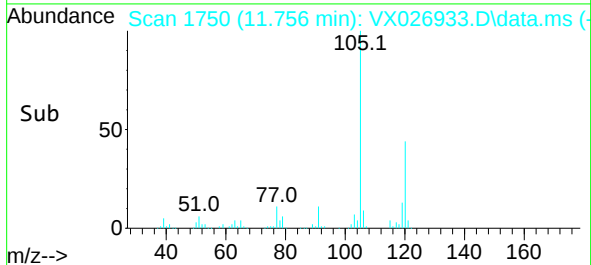
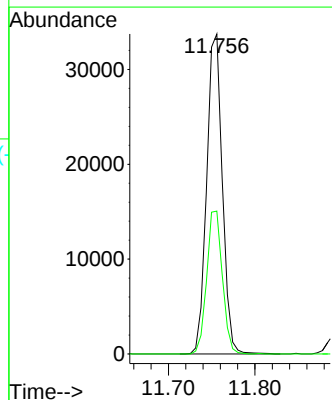
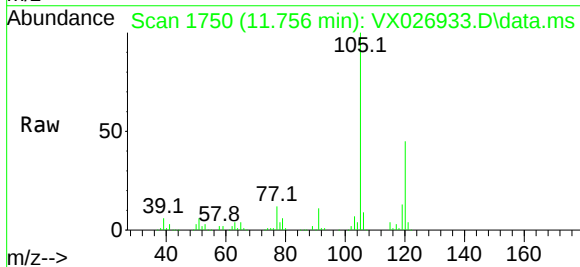
Instrument :
MSVOA_X
ClientSampleId :
20422DL

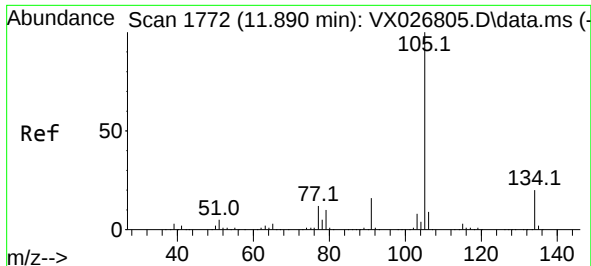
Tgt Ion:105 Resp: 10833
Ion Ratio Lower Upper
105 100
120 49.7 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 8.203 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026933.D
Acq: 10 Feb 2022 20:13

Tgt Ion:105 Resp: 42345
Ion Ratio Lower Upper
105 100
120 44.7 21.9 65.5

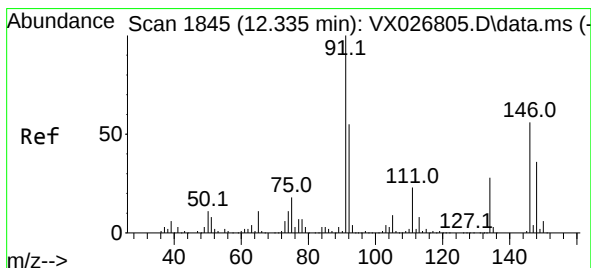
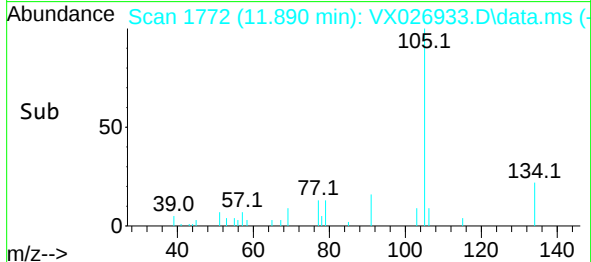
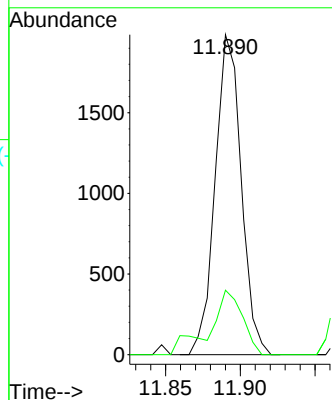
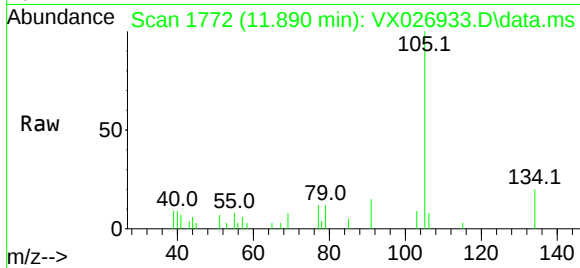




#85
 sec-Butylbenzene
 Concen: 0.389 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. 0.000 min
 Lab File: VX026933.D
 Acq: 10 Feb 2022 20:13

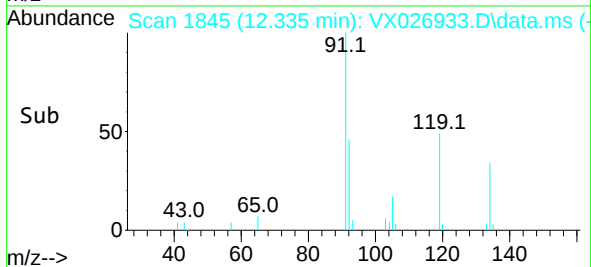
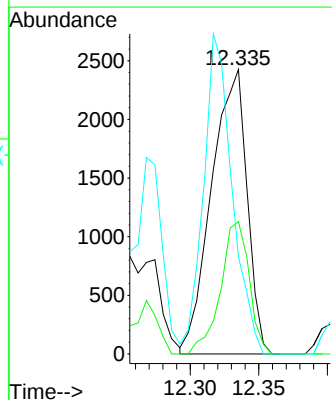
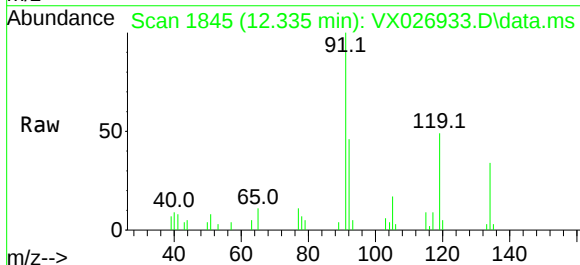
Instrument :
 MSVOA_X
 ClientSampleId :
 20422DL

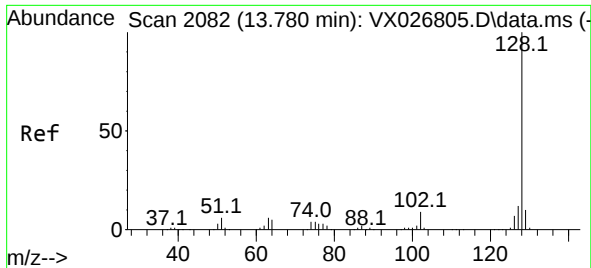
Tgt Ion:105 Resp: 2403
 Ion Ratio Lower Upper
 105 100
 134 25.5 10.1 30.1



#89
 n-Butylbenzene
 Concen: 1.017 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX026933.D
 Acq: 10 Feb 2022 20:13

Tgt Ion: 91 Resp: 4360
 Ion Ratio Lower Upper
 91 100
 92 37.6 27.2 81.6
 134 90.8 13.1 39.1#





#95

Naphthalene

Concen: 16.449 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX026933.D

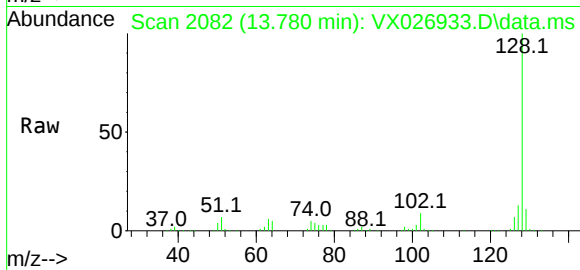
Acq: 10 Feb 2022 20:13

Instrument :

MSVOA_X

ClientSampleId :

20422DL



Tgt Ion:128 Resp: 95034

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.7 8.7 13.1

