

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
 Data File : VX027410.D
 Acq On : 11 Mar 2022 18:27
 Operator : JC/MD
 Sample : N1895-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Mar 11 23:14:39 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)

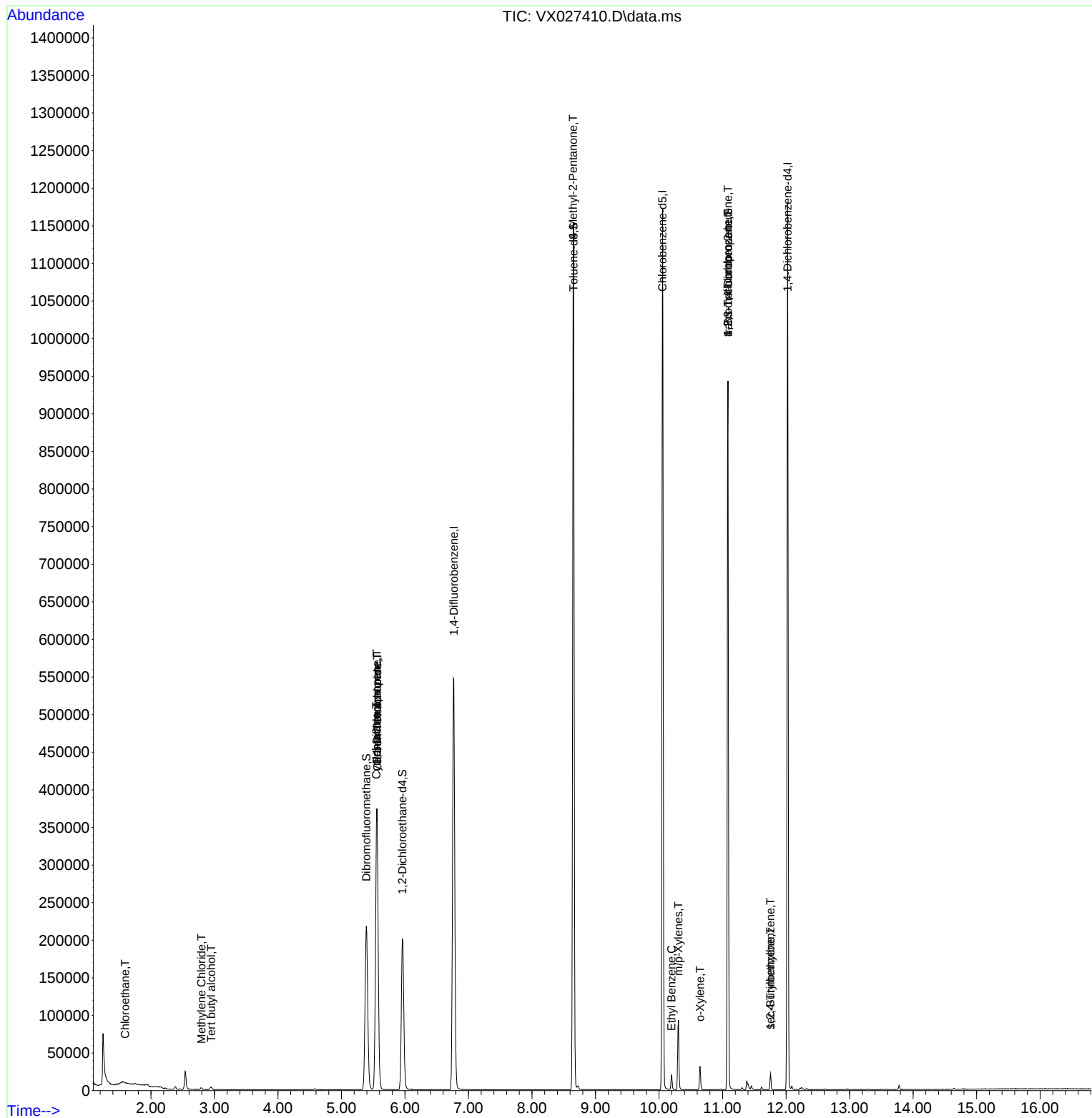
Internal Standards						
1) Pentafluorobenzene	5.556	168	389552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	624953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	570138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	258177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	193568	42.610	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	85.220%
35) Dibromofluoromethane	5.391	113	194035	48.117	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.240%
50) Toluene-d8	8.653	98	732107	48.089	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.180%
62) 4-Bromofluorobenzene	11.085	95	259496	44.722	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.440%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	495	Below Cal	#	76
6) Chloroethane	1.593	64	3277	1.611	ug/l #	48
11) Tert butyl alcohol	2.946	59	2171	2.438	ug/l #	72
16) Acetone	2.386	43	3735	Below Cal		91
20) Methylene Chloride	2.794	84	1039	0.234	ug/l	90
31) Cyclohexane	5.550	56	5417	0.852	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24446	4.366	ug/l #	49
38) Carbon Tetrachloride	5.562	117	36232	6.258	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2286	0.384	ug/l #	1
67) Ethyl Benzene	10.195	91	11605	0.561	ug/l	89
68) m/p-Xylenes	10.305	106	23976	2.955	ug/l	95
69) o-Xylene	10.646	106	7639	0.954	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	116799	20.620	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	116799	66.686	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	9753	0.607	ug/l	98
85) sec-Butylbenzene	11.756	105	9753	0.500	ug/l #	56

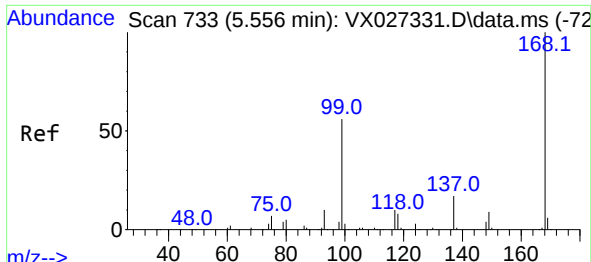
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 11 23:14:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
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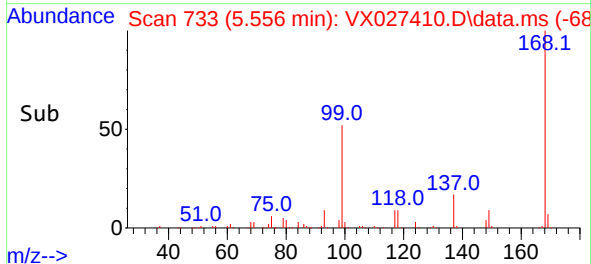
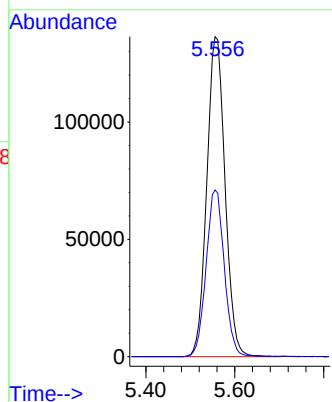
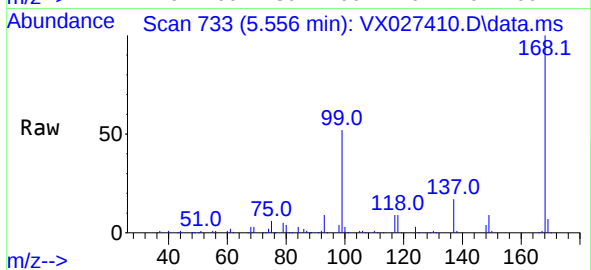




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

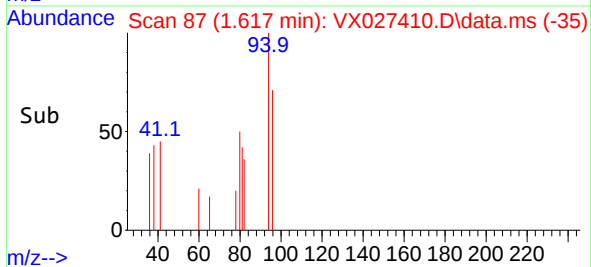
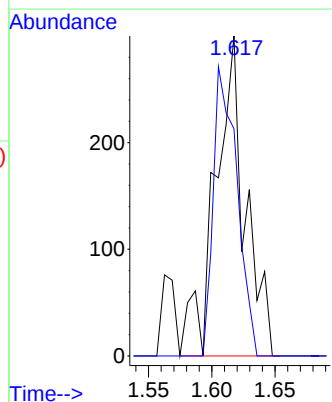
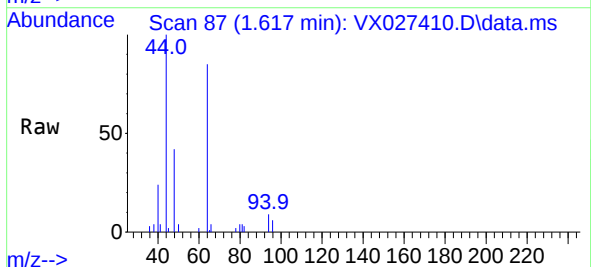
Instrument :
MSVOA_X
ClientSampleId :
TB

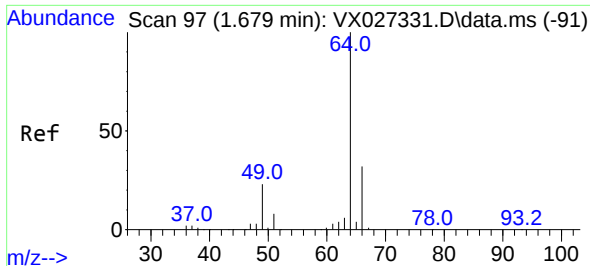
Tgt Ion:168 Resp: 389552
Ion Ratio Lower Upper
168 100
99 52.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Tgt Ion: 94 Resp: 495
Ion Ratio Lower Upper
94 100
96 71.0 75.3 112.9#

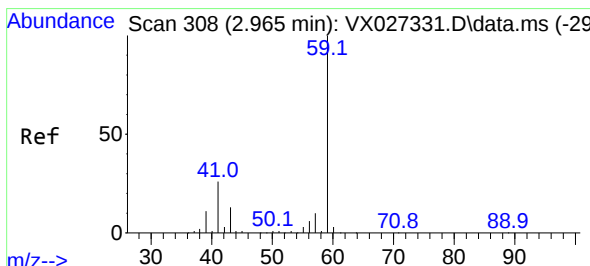
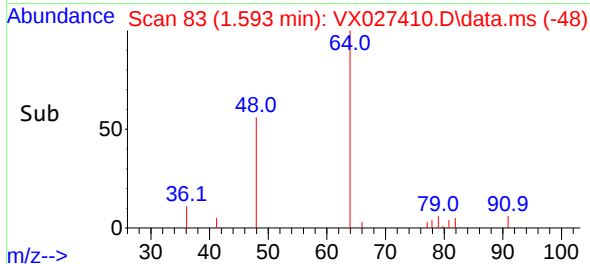
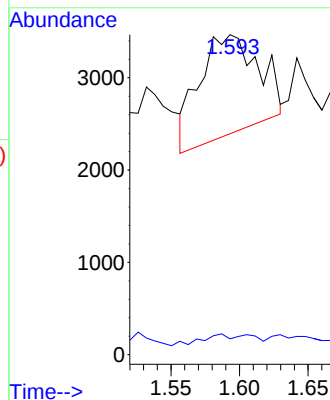
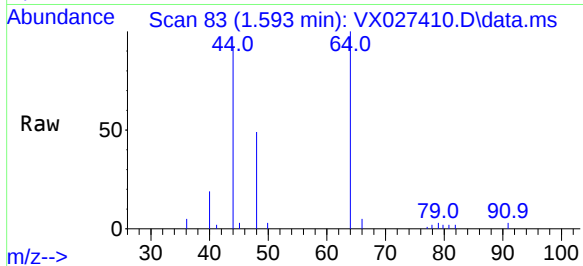




#6
Chloroethane
Concen: 1.611 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.086 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

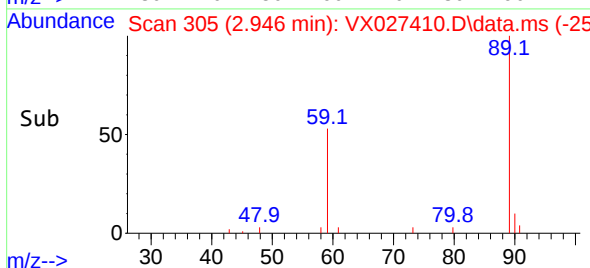
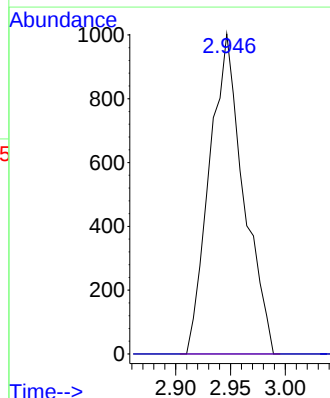
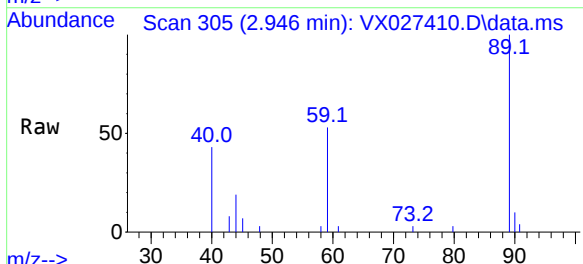
Instrument :
MSVOA_X
ClientSampleId :
TB

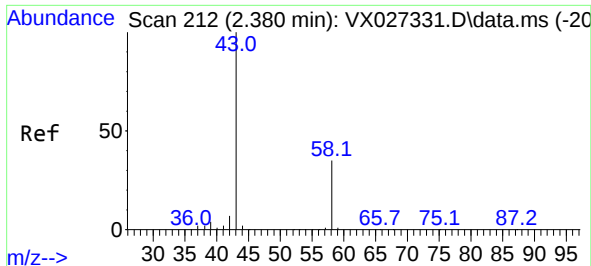
Tgt Ion: 64 Resp: 3277
Ion Ratio Lower Upper
64 100
66 2.9 25.3 37.9#



#11
Tert butyl alcohol
Concen: 2.438 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Tgt Ion: 59 Resp: 2171
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

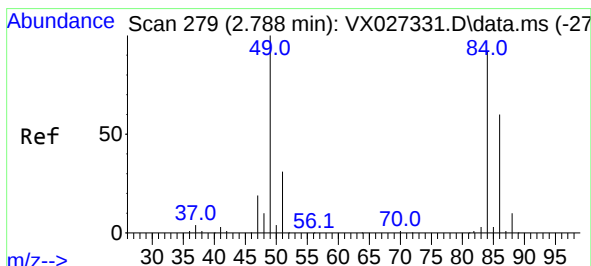
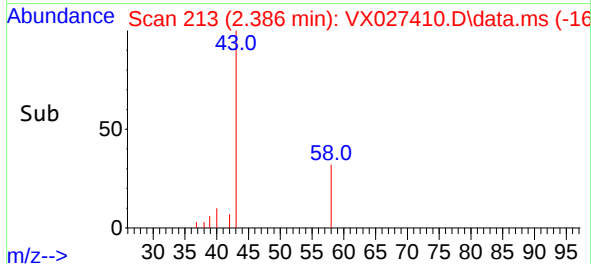
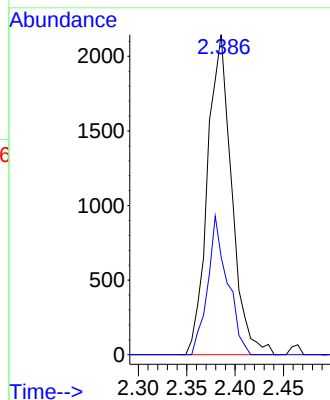
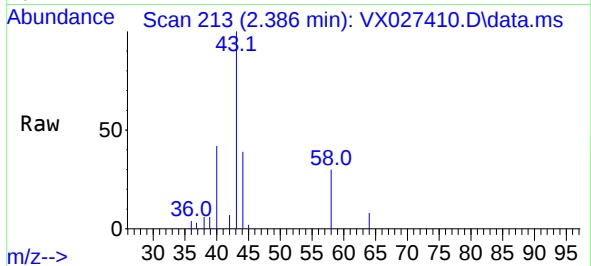




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

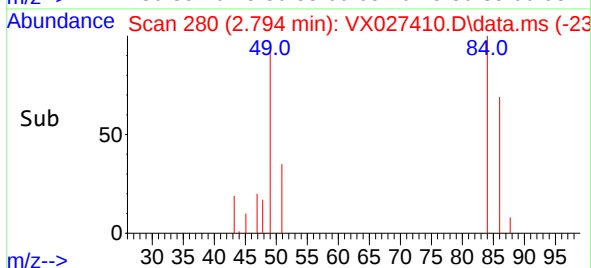
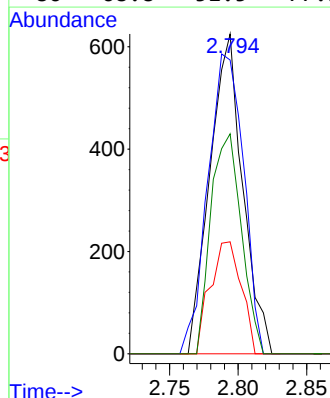
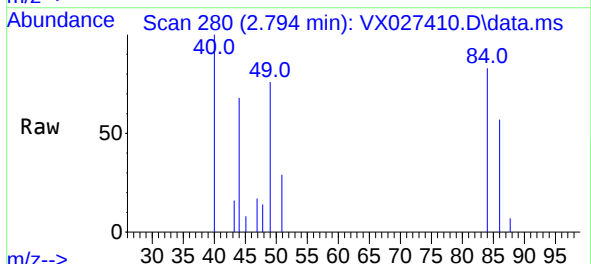
Instrument :
MSVOA_X
ClientSampleId :
TB

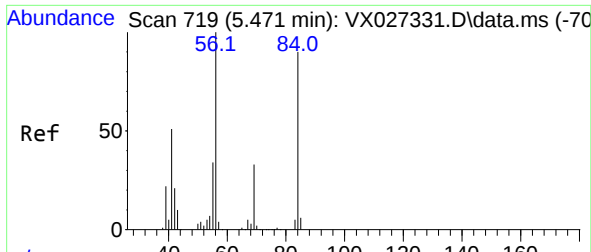
Tgt Ion: 43 Resp: 3735
Ion Ratio Lower Upper
43 100
58 30.5 28.8 43.2



#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

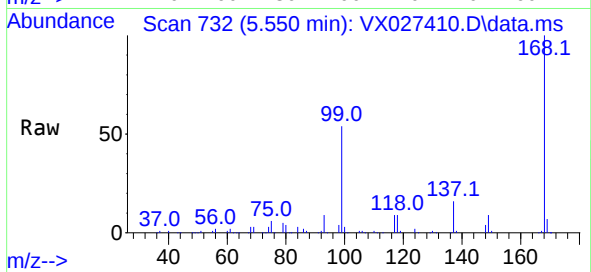
Tgt Ion: 84 Resp: 1039
Ion Ratio Lower Upper
84 100
49 91.8 85.5 128.3
51 35.0 26.6 39.8
86 68.8 51.5 77.3



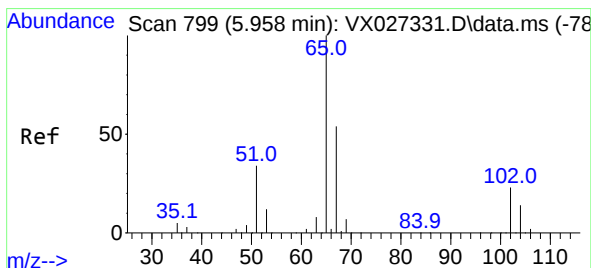
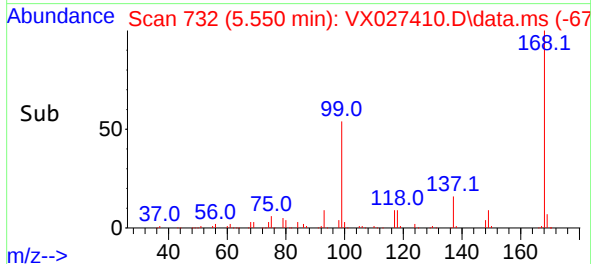
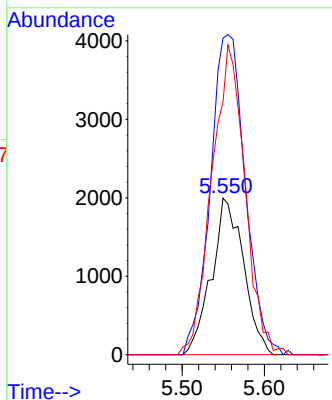


#31
Cyclohexane
Concen: 0.852 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Instrument :
MSVOA_X
ClientSampleId :
TB

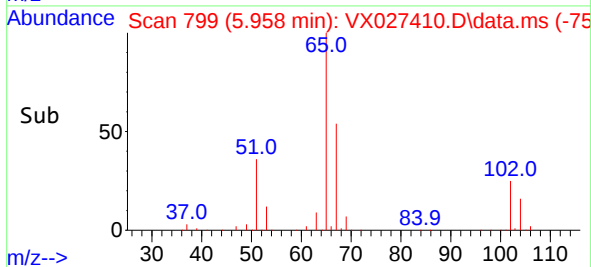
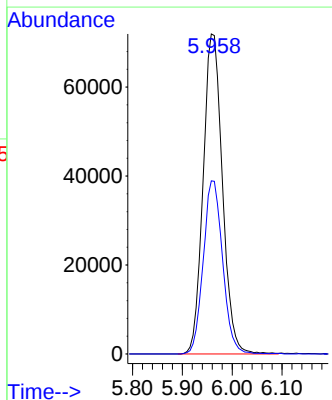
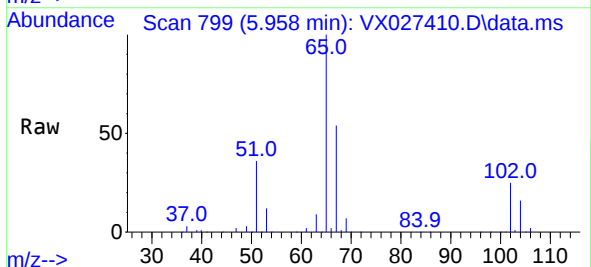


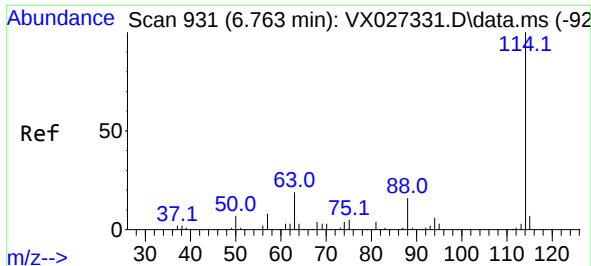
Tgt Ion: 56 Resp: 5417
Ion Ratio Lower Upper
56 100
69 202.1 26.7 40.1#
84 161.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 42.610 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Tgt Ion: 65 Resp: 193568
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.4

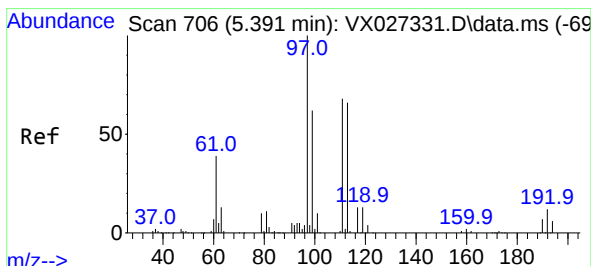
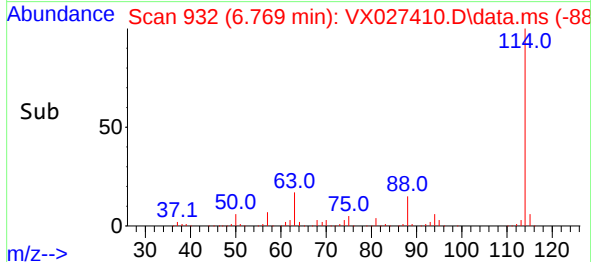
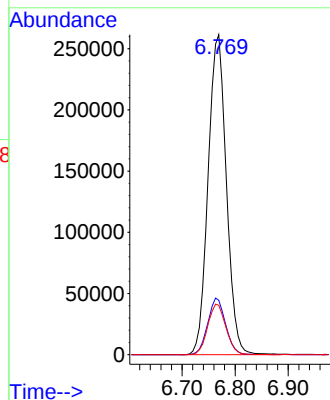
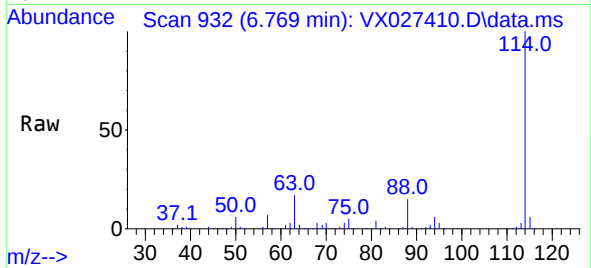




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

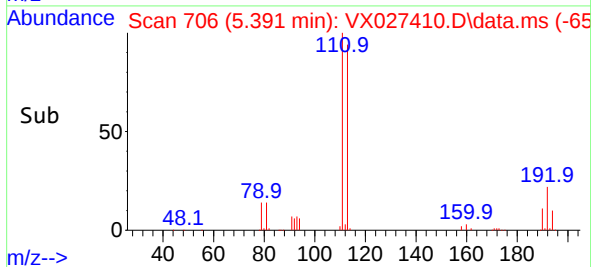
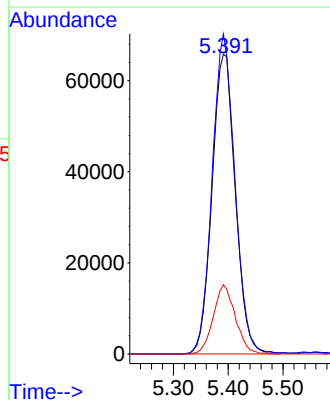
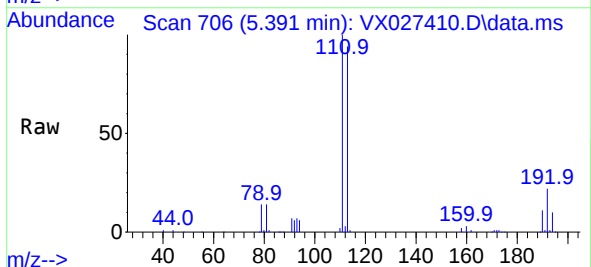
Instrument :
MSVOA_X
ClientSampleId :
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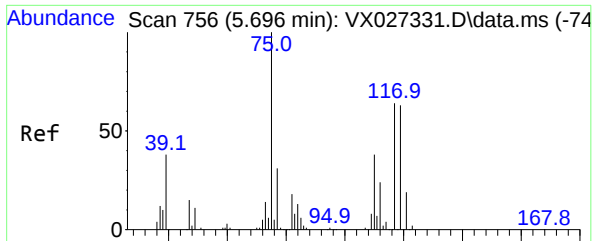
Tgt Ion:114 Resp: 624953
Ion Ratio Lower Upper
114 100
63 17.0 0.0 36.8
88 15.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.117 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Tgt Ion:113 Resp: 194035
Ion Ratio Lower Upper
113 100
111 104.4 82.8 124.2
192 21.8 16.9 25.3

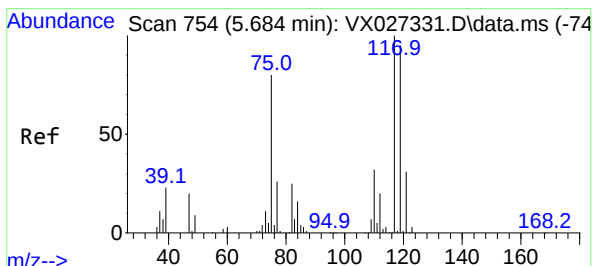
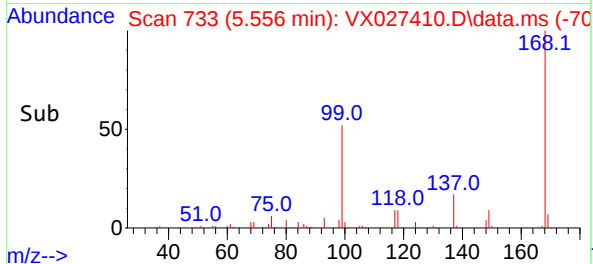
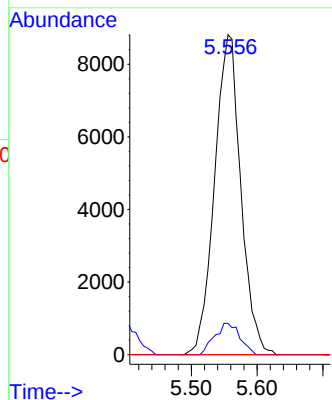
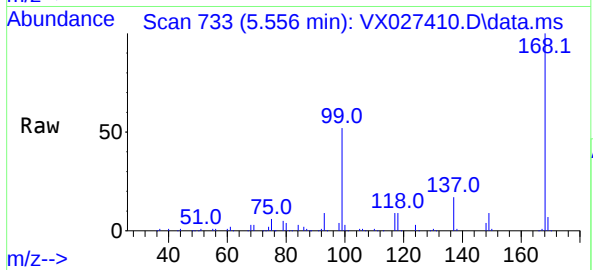




#36
1,1-Dichloropropene
Concen: 4.366 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

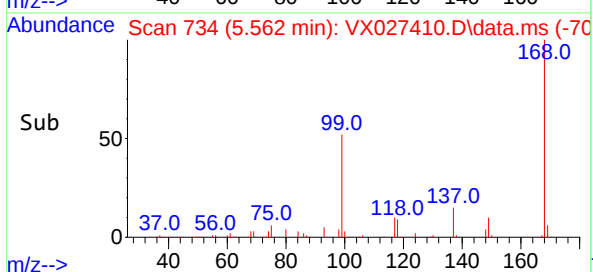
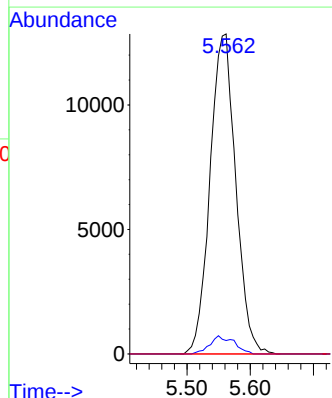
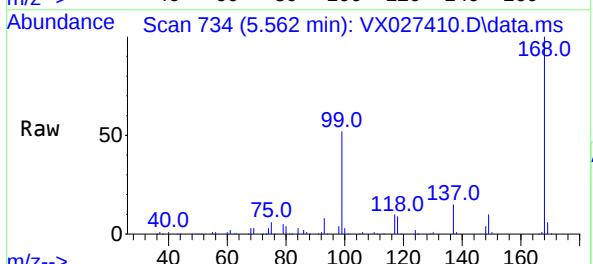
Instrument :
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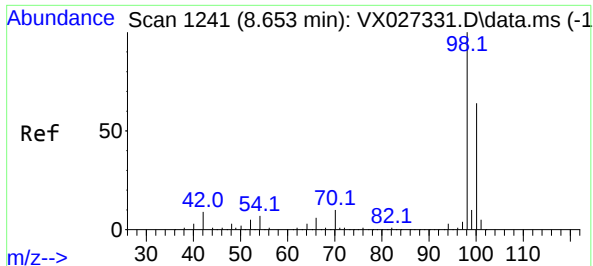
Tgt Ion: 75 Resp: 24446
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.258 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Tgt Ion: 117 Resp: 36232
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#

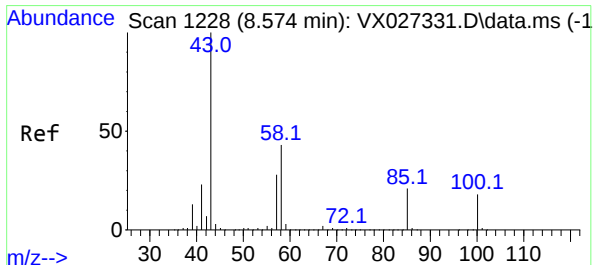
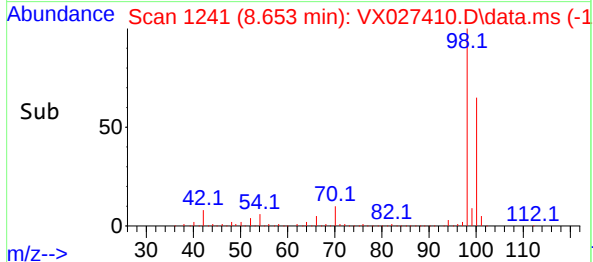
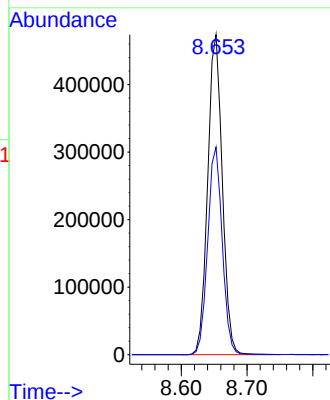
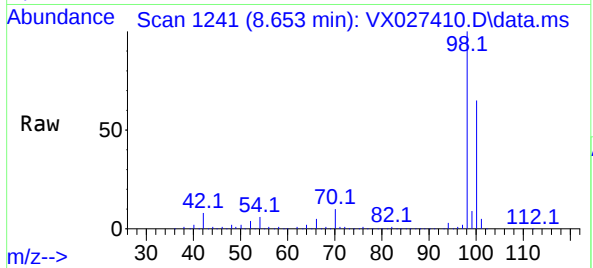




#50
Toluene-d8
Concen: 48.089 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

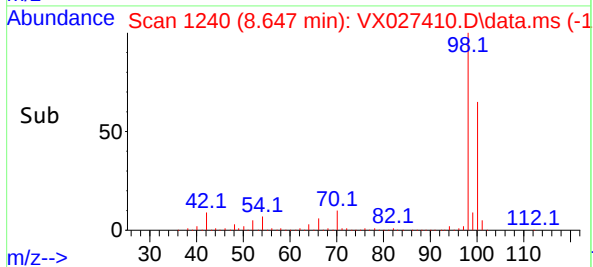
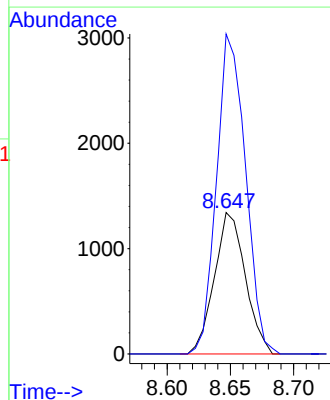
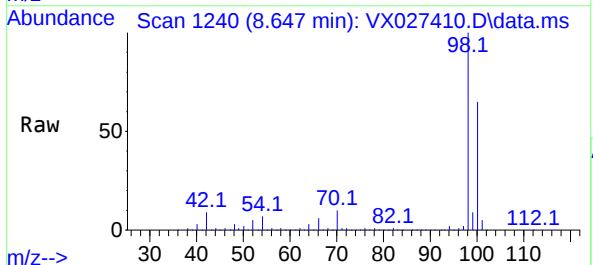
Instrument :
MSVOA_X
ClientSampleId :
TB

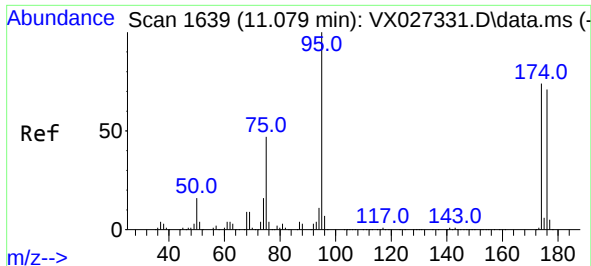
Tgt Ion: 98 Resp: 732107
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.384 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Tgt Ion: 43 Resp: 2286
Ion Ratio Lower Upper
43 100
58 211.8 36.1 54.1#

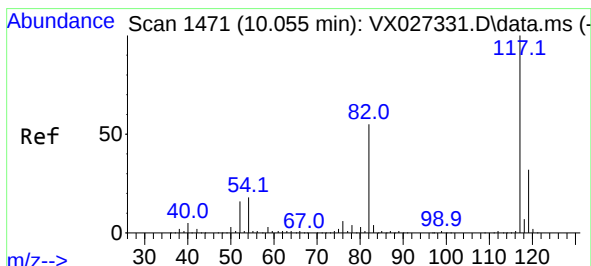
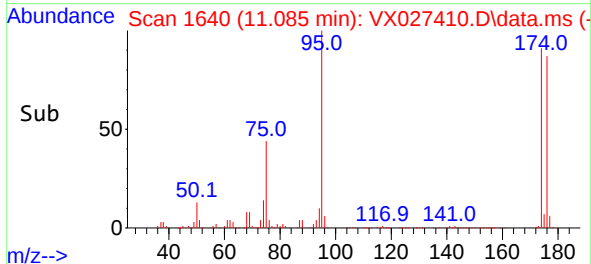
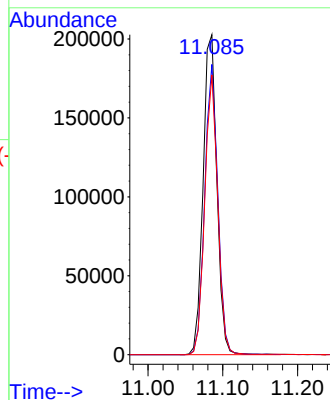
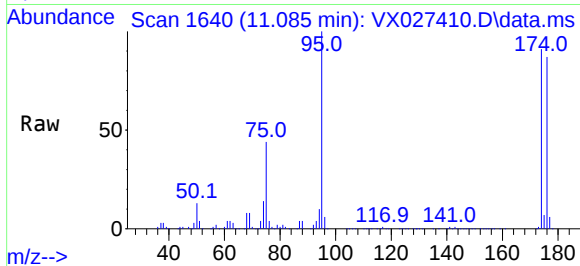




#62
4-Bromofluorobenzene
Concen: 44.722 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

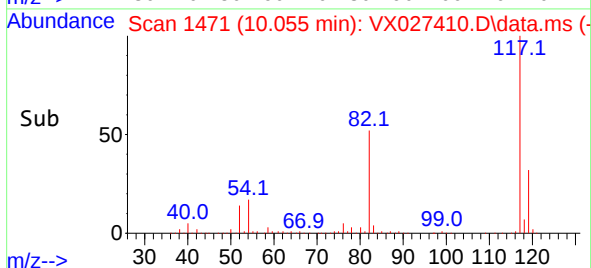
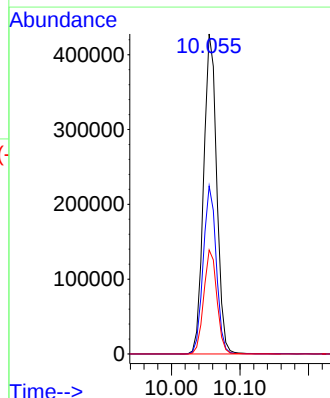
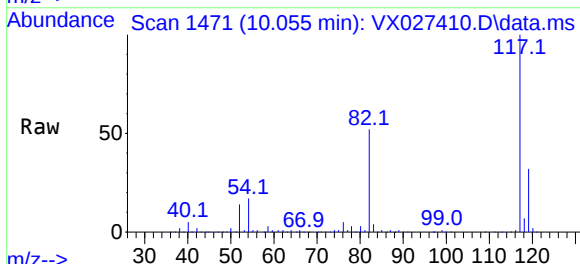
Instrument :
MSVOA_X
ClientSampleId :
TB

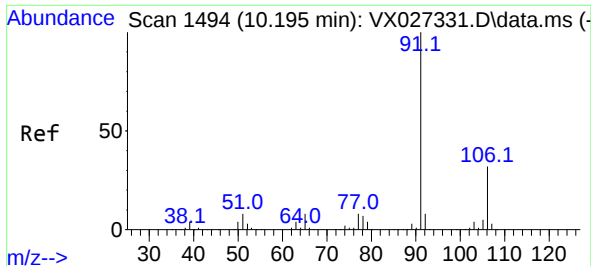
Tgt Ion: 95 Resp: 259496
Ion Ratio Lower Upper
95 100
174 86.5 0.0 163.0
176 82.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Tgt Ion: 117 Resp: 570138
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.8
119 32.5 24.8 37.2

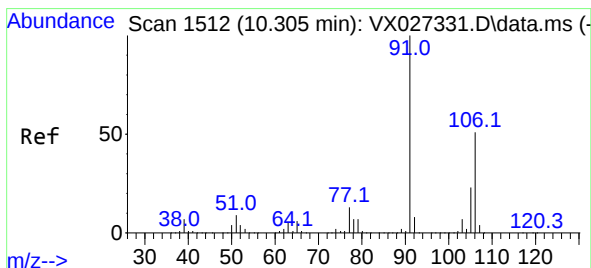
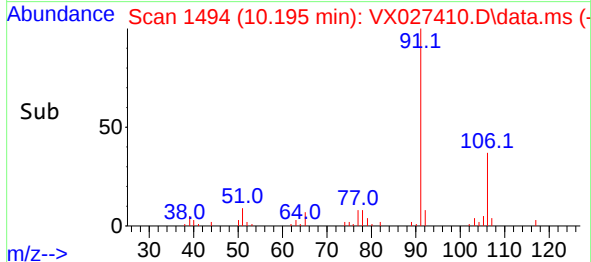
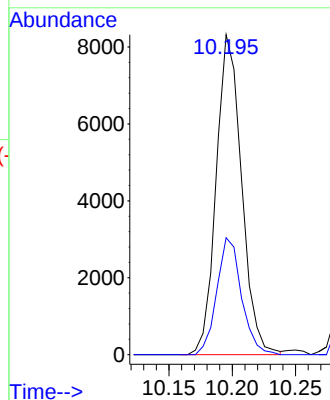
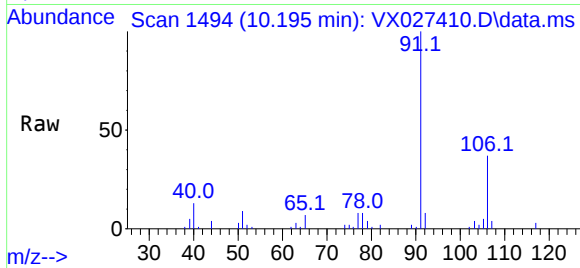




#67
Ethyl Benzene
Concen: 0.561 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

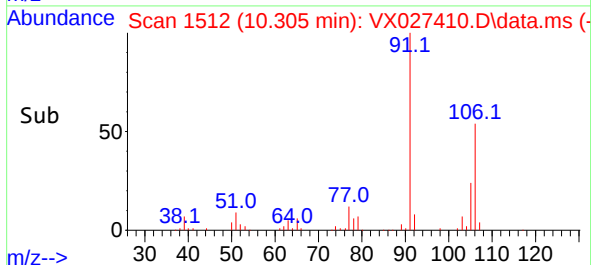
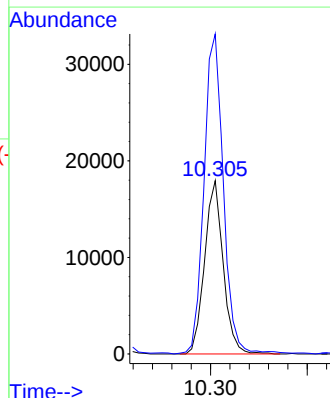
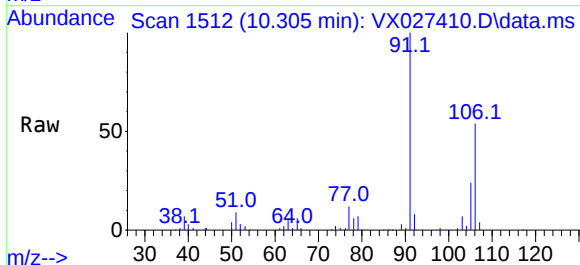
Instrument :
MSVOA_X
ClientSampleId :
TB

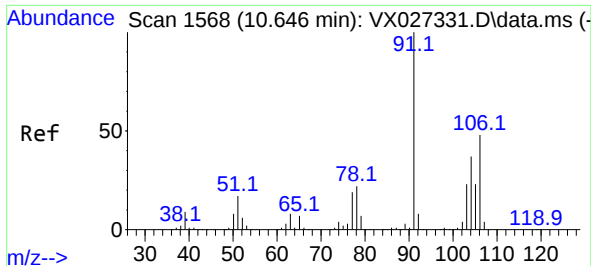
Tgt Ion: 91 Resp: 11605
Ion Ratio Lower Upper
91 100
106 36.5 24.6 36.8



#68
m/p-Xylenes
Concen: 2.955 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Tgt Ion: 106 Resp: 23976
Ion Ratio Lower Upper
106 100
91 192.7 160.4 240.6

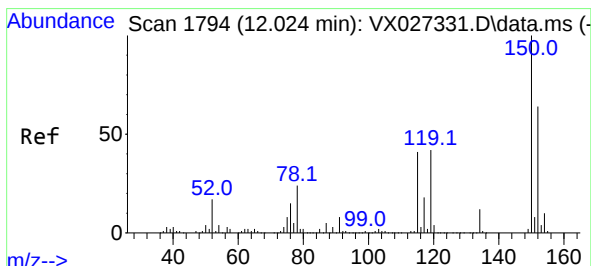
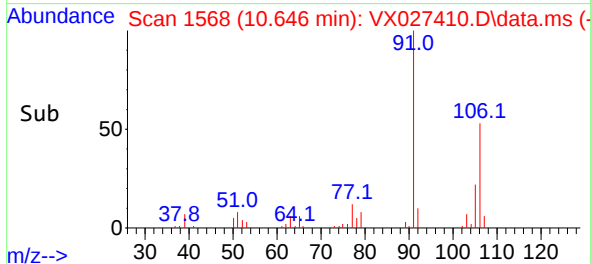
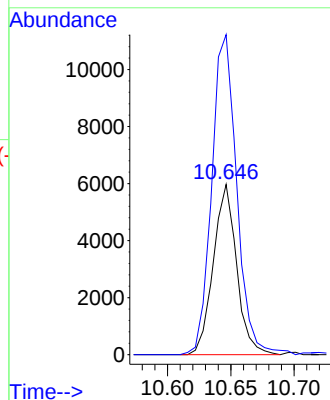
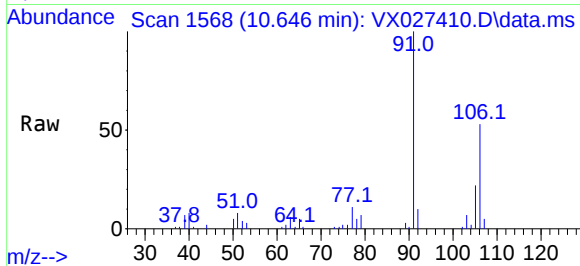




#69
o-Xylene
Concen: 0.954 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

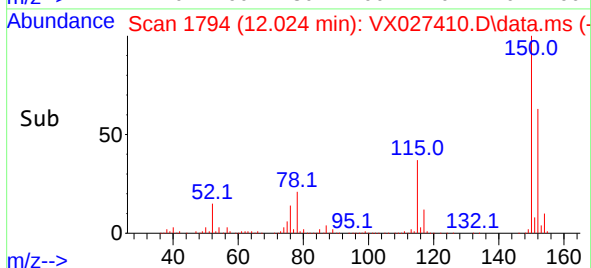
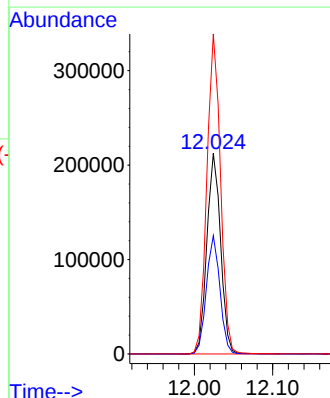
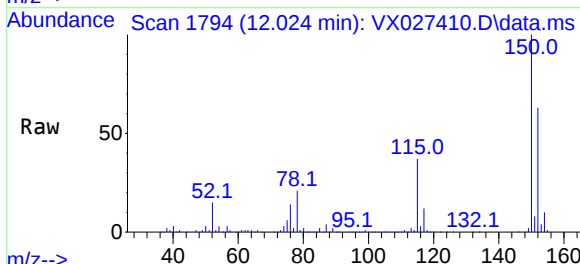
Instrument :
MSVOA_X
ClientSampleId :
TB

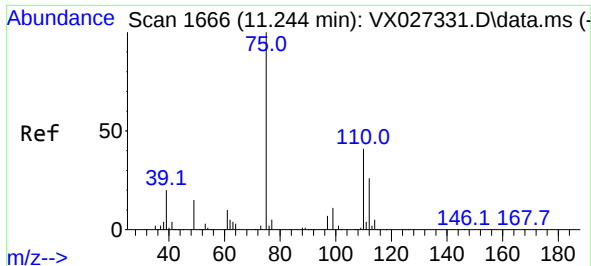
Tgt Ion:106 Resp: 7639
Ion Ratio Lower Upper
106 100
91 202.1 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Tgt Ion:152 Resp: 258177
Ion Ratio Lower Upper
152 100
115 58.3 37.5 112.7
150 158.2 0.0 338.2

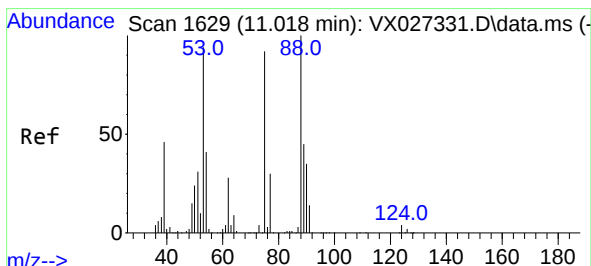
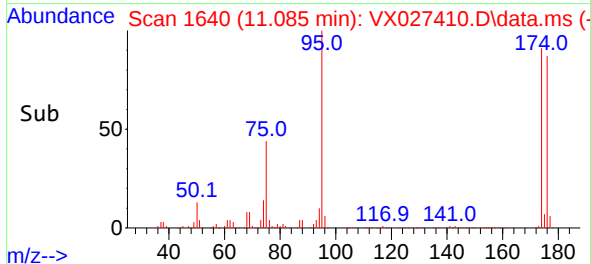
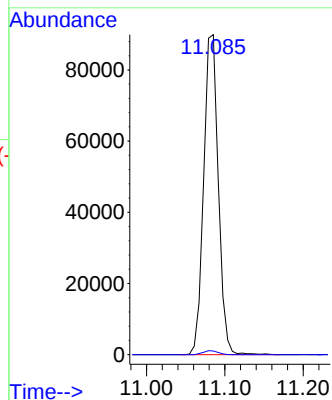
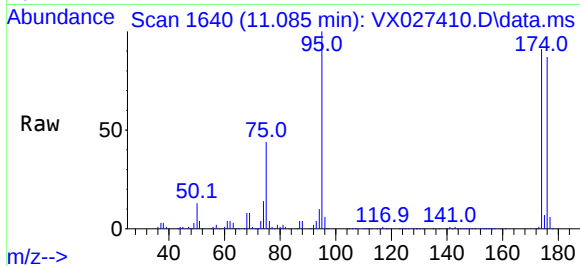




#76
1,2,3-Trichloropropane
Concen: 20.620 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

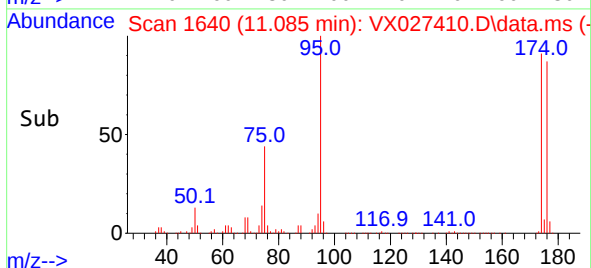
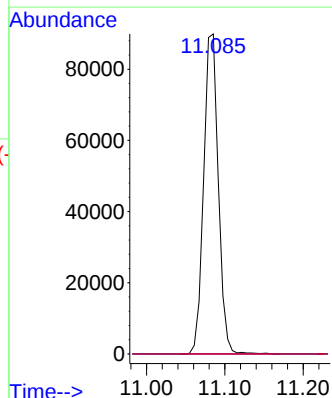
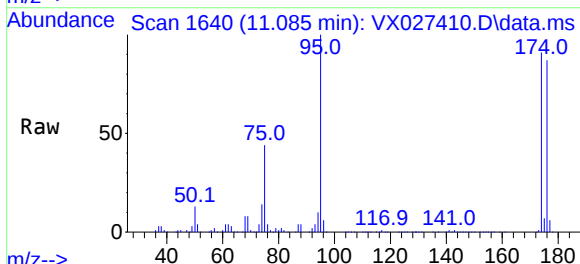
Instrument :
MSVOA_X
ClientSampleId :
TB

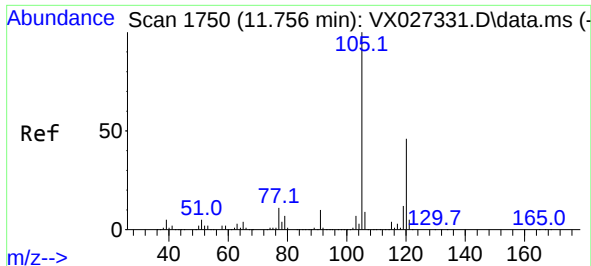
Tgt Ion: 75 Resp: 116799
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.686 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Tgt Ion: 75 Resp: 116799
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

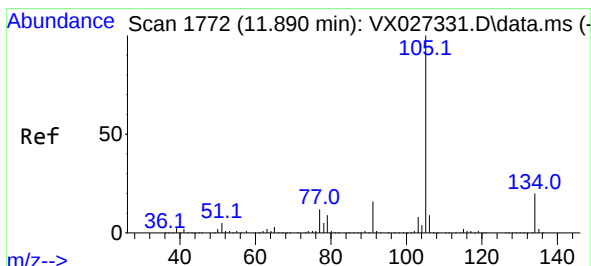
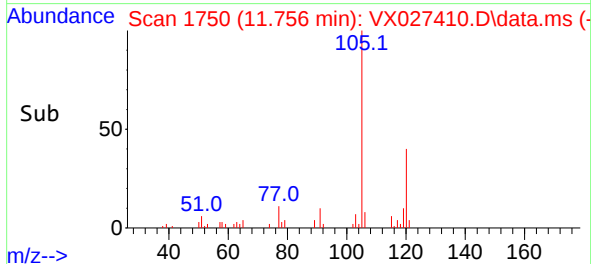
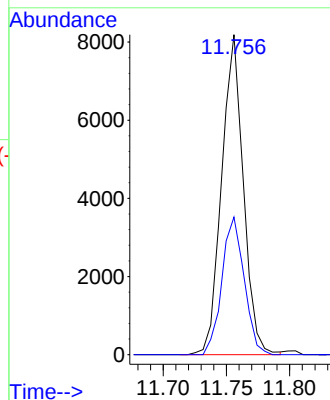
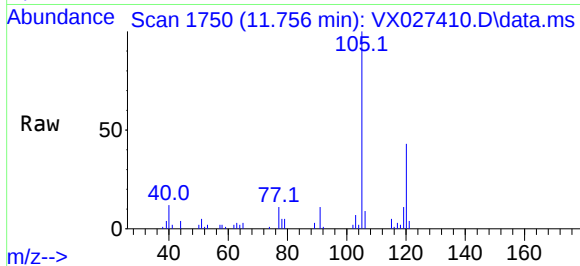




#84
1,2,4-Trimethylbenzene
Concen: 0.607 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:105 Resp: 9753
Ion Ratio Lower Upper
105 100
120 44.1 22.6 67.8



#85
sec-Butylbenzene
Concen: 0.500 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Tgt Ion:105 Resp: 9753
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

