

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027514.D
 Acq On : 18 Mar 2022 02:04
 Operator : JC/MD
 Sample : N1997-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-126

Quant Time: Mar 18 03:42:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

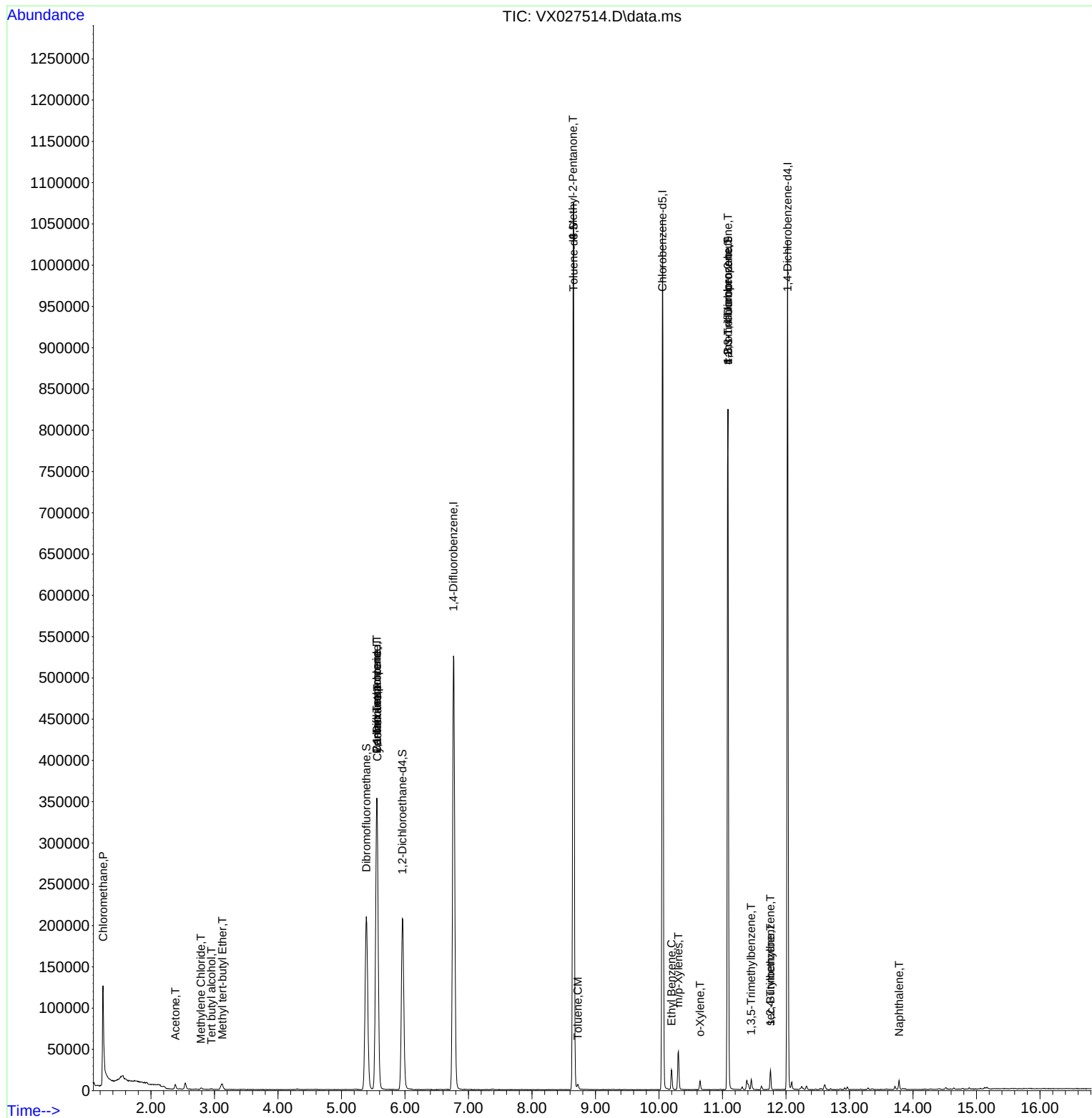
Internal Standards						
1) Pentafluorobenzene	5.556	168	348265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	563900	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	494087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207639	48.398	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.800%
35) Dibromofluoromethane	5.391	113	187103	51.572	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.140%
50) Toluene-d8	8.653	98	652265	47.510	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.020%
62) 4-Bromofluorobenzene	11.085	95	224714	44.532	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.060%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	2812	0.948	ug/l #	42
5) Bromomethane	1.612	94	494	Below Cal	#	62
11) Tert butyl alcohol	2.953	59	631	0.772	ug/l #	72
16) Acetone	2.386	43	5914	3.382	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	7219	0.662	ug/l	96
20) Methylene Chloride	2.788	84	885	0.235	ug/l #	82
31) Cyclohexane	5.562	56	6236	1.171	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24390	4.919	ug/l #	50
38) Carbon Tetrachloride	5.556	117	35348	6.232	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2639	0.520	ug/l #	1
52) Toluene	8.720	92	2132	0.224	ug/l	99
67) Ethyl Benzene	10.195	91	13882	0.798	ug/l	100
68) m/p-Xylenes	10.305	106	11974	1.748	ug/l	96
69) o-Xylene	10.647	106	2301	0.346	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	110197	24.029	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	5584	0.415	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.085	75	110197	72.977	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	10538	0.786	ug/l	95
85) sec-Butylbenzene	11.756	105	10538	0.655	ug/l #	56
95) Naphthalene	13.780	128	6970	0.459	ug/l	98

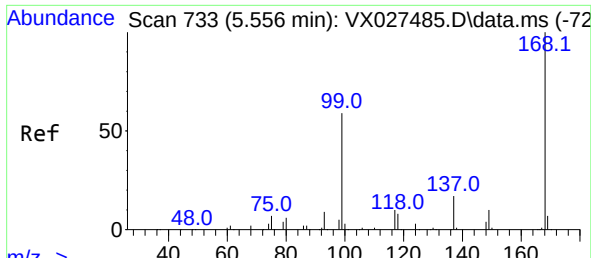
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

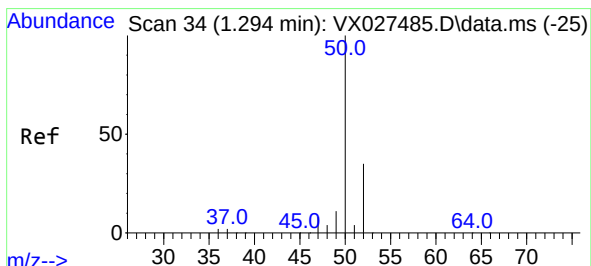
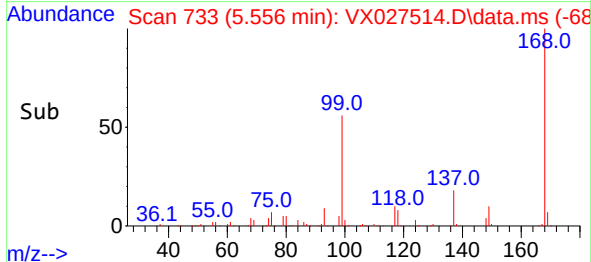
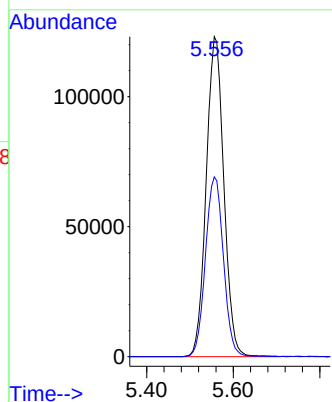
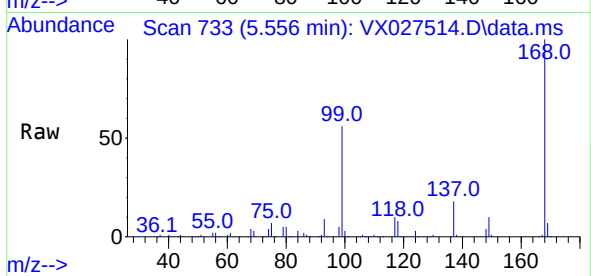




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

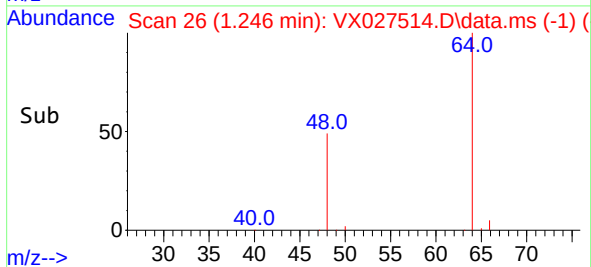
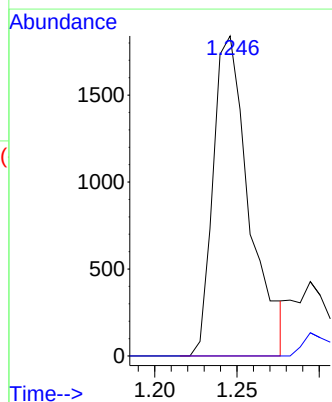
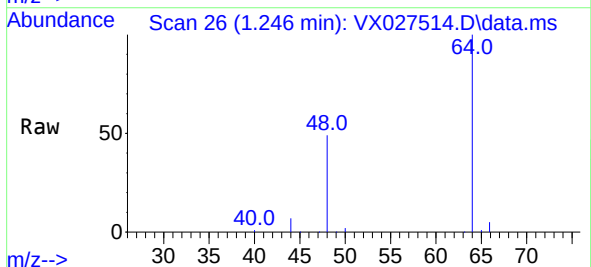
Instrument :
MSVOA_X
ClientSampleId :
MW-126

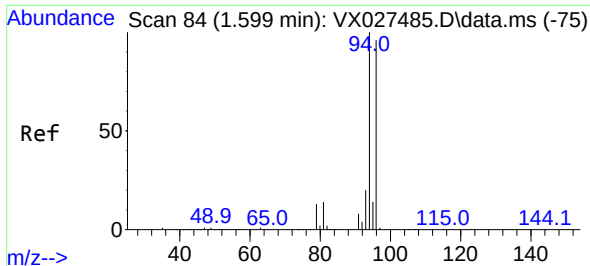
Tgt Ion:168 Resp: 348265
Ion Ratio Lower Upper
168 100
99 56.2 41.7 62.5



#3
Chloromethane
Concen: 0.948 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.049 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion: 50 Resp: 2812
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

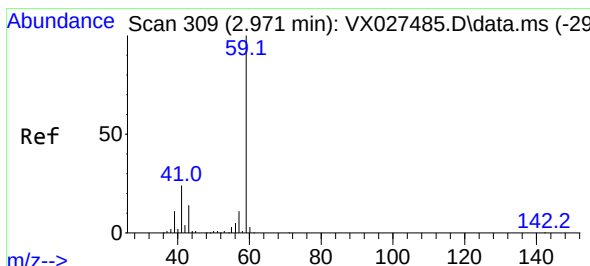
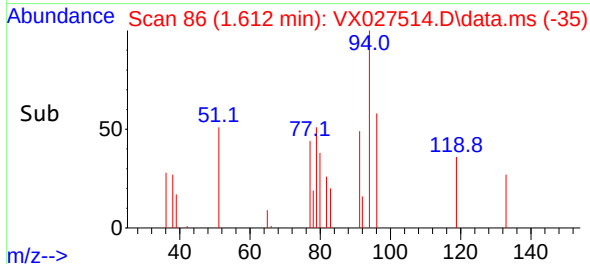
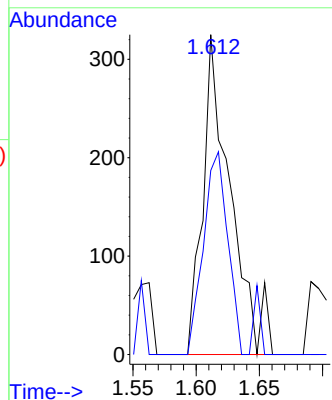
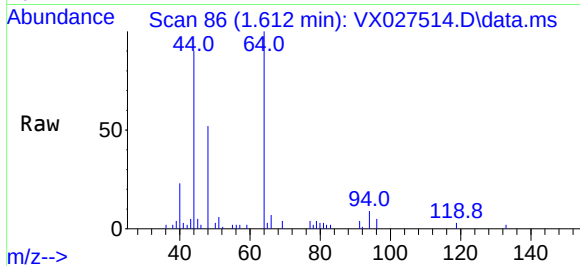




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

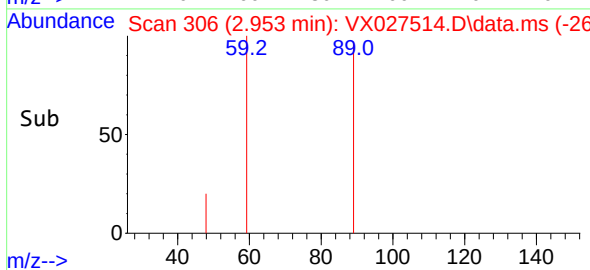
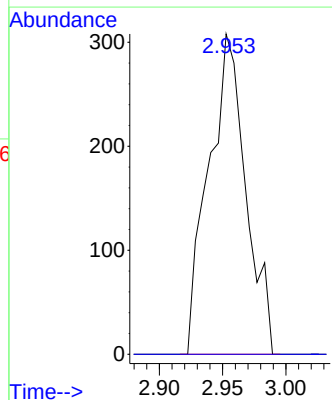
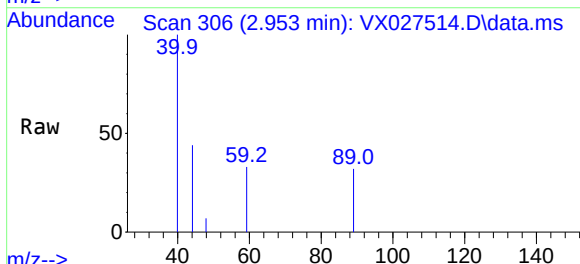
Instrument :
MSVOA_X
ClientSampleId :
MW-126

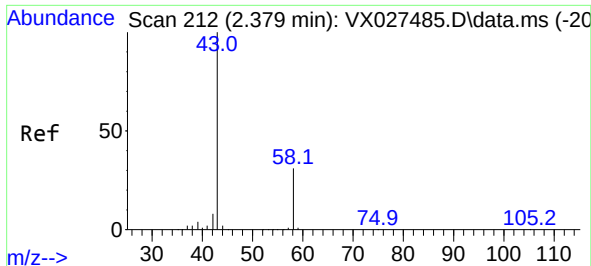
Tgt Ion: 94 Resp: 494
Ion Ratio Lower Upper
94 100
96 57.5 75.3 112.9#



#11
Tert butyl alcohol
Concen: 0.772 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion: 59 Resp: 631
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

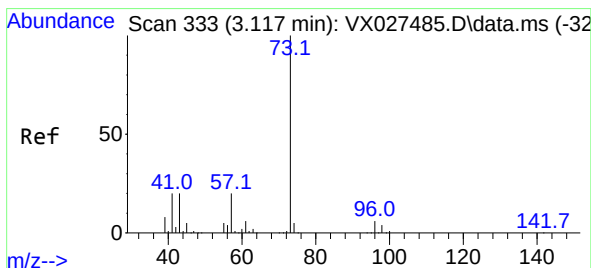
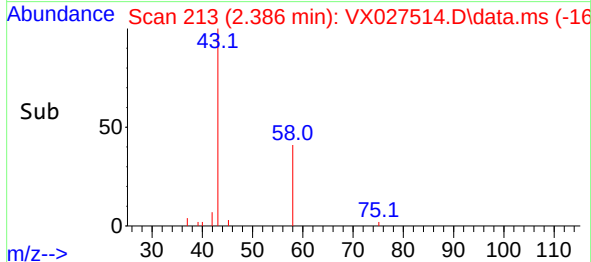
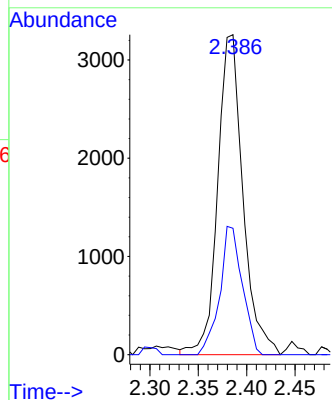
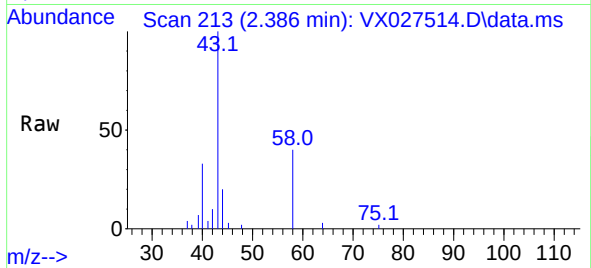




#16
Acetone
Concen: 3.382 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

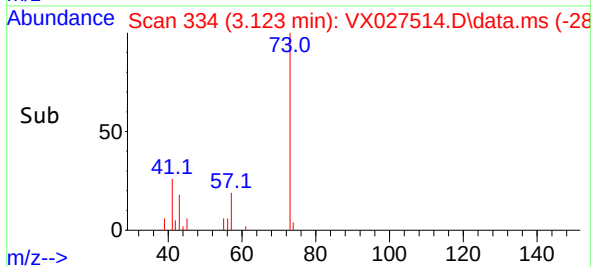
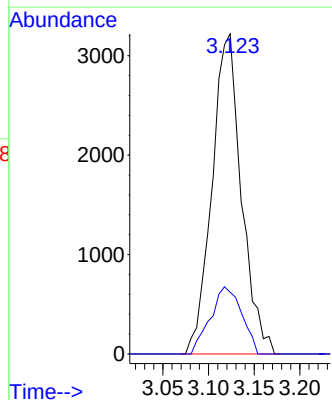
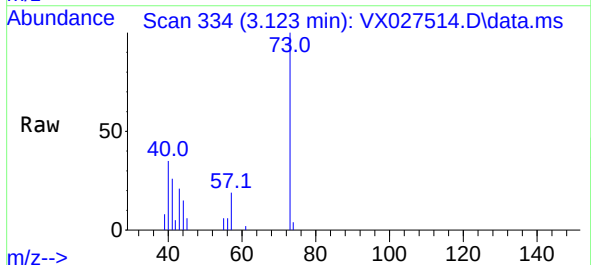
Instrument :
MSVOA_X
ClientSampleId :
MW-126

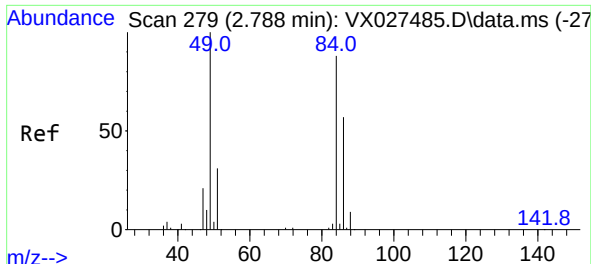
Tgt Ion: 43 Resp: 5914
Ion Ratio Lower Upper
43 100
58 39.5 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 0.662 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion: 73 Resp: 7219
Ion Ratio Lower Upper
73 100
57 19.3 16.8 25.2



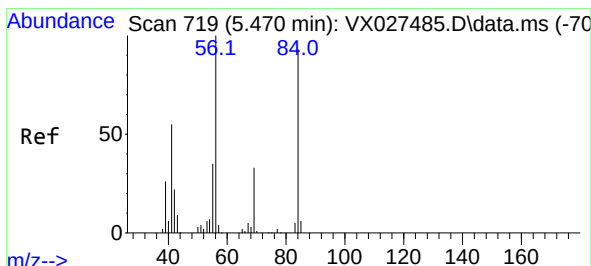
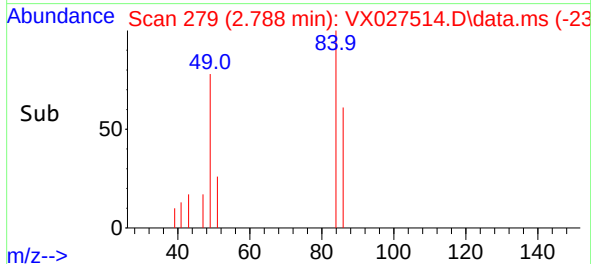
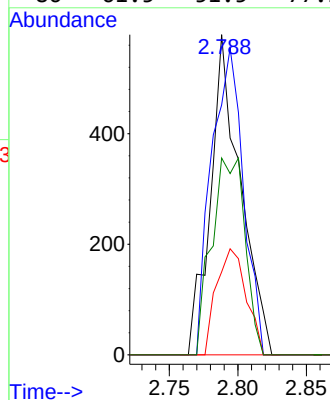
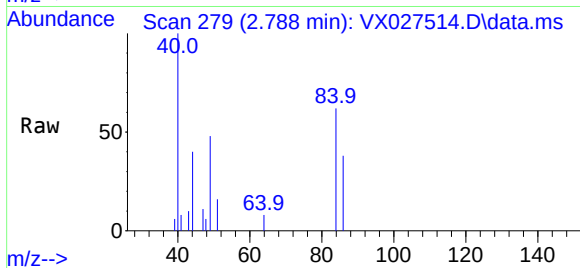


#20
Methylene Chloride
Concen: 0.235 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Instrument :
MSVOA_X
ClientSampleId :
MW-126

Tgt Ion: 84 Resp: 885

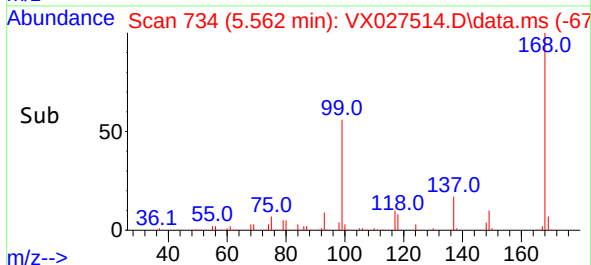
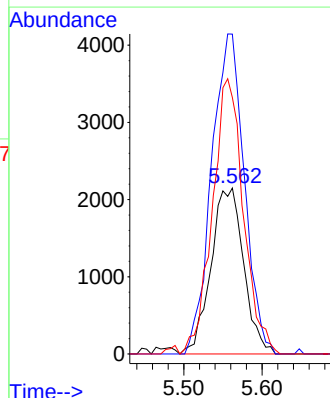
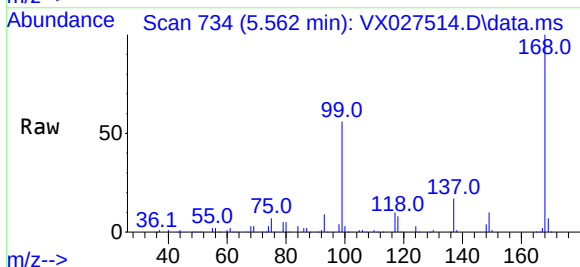
Ion	Ratio	Lower	Upper
84	100		
49	78.1	85.5	128.3#
51	25.9	26.6	39.8#
86	61.5	51.5	77.3

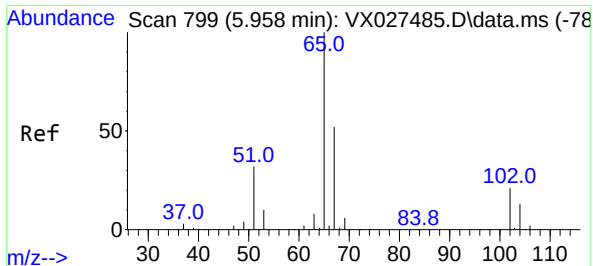


#31
Cyclohexane
Concen: 1.171 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.092 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion: 56 Resp: 6236

Ion	Ratio	Lower	Upper
56	100		
69	192.7	26.7	40.1#
84	154.6	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 48.398 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027514.D

Acq: 18 Mar 2022 02:04

Instrument :

MSVOA_X

ClientSampleId :

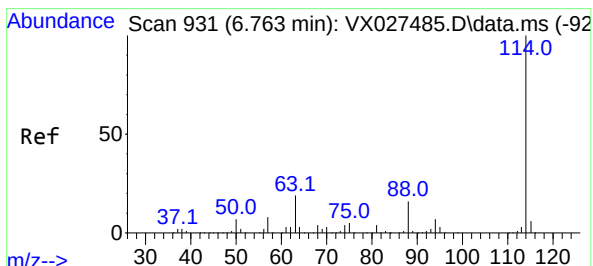
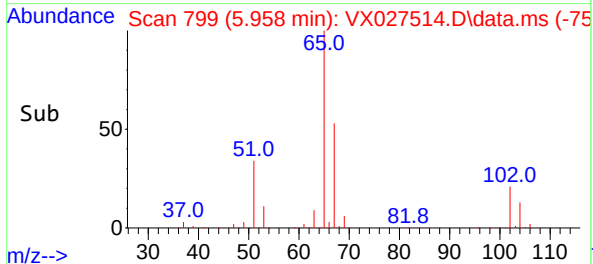
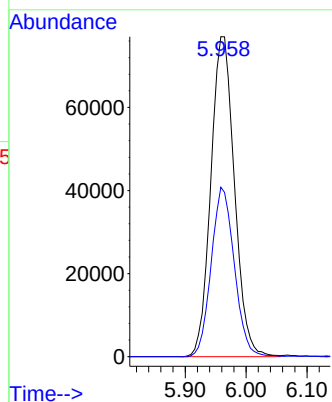
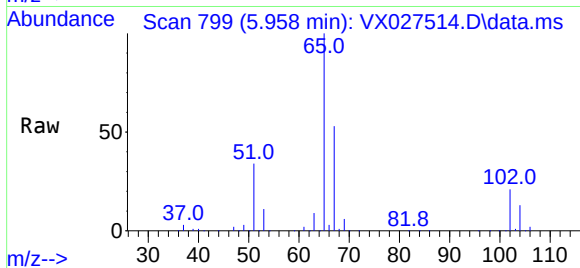
MW-126

Tgt Ion: 65 Resp: 207639

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027514.D

Acq: 18 Mar 2022 02:04

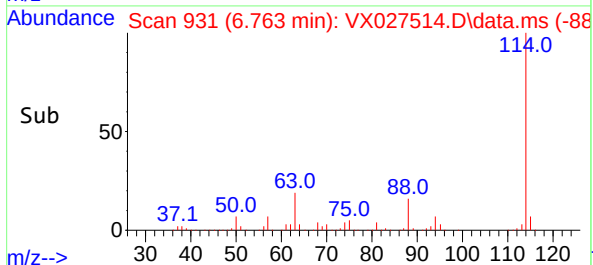
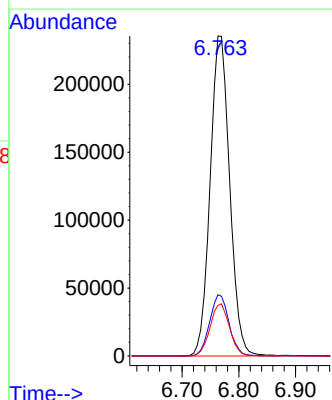
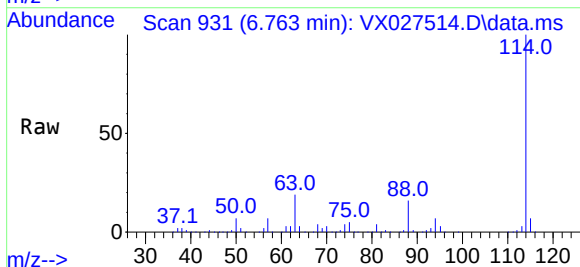
Tgt Ion: 114 Resp: 563900

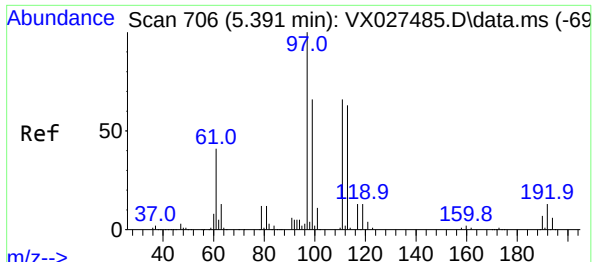
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

88 15.8 0.0 32.4

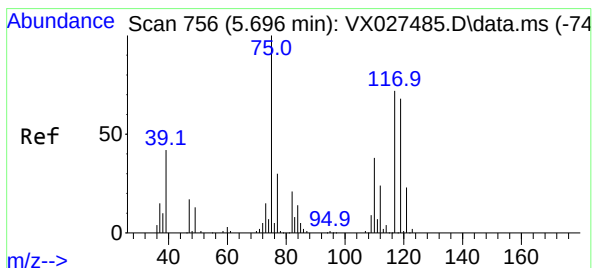
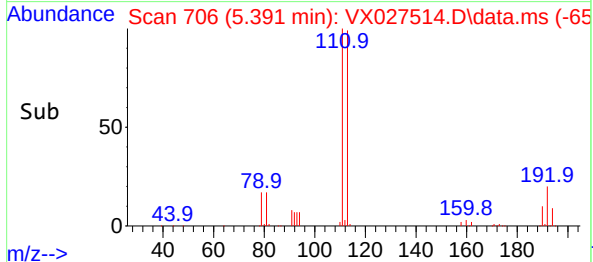
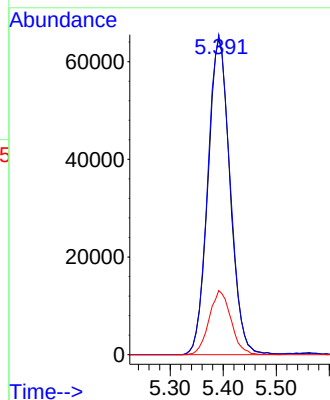
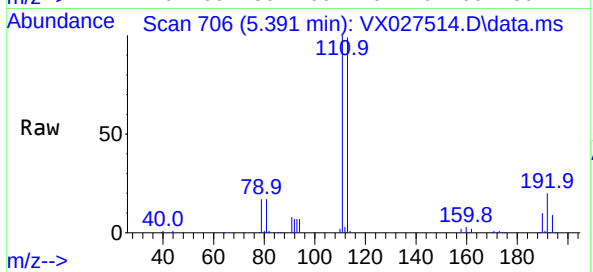




#35
Dibromofluoromethane
Concen: 51.572 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

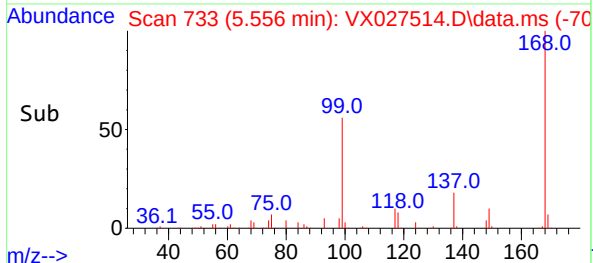
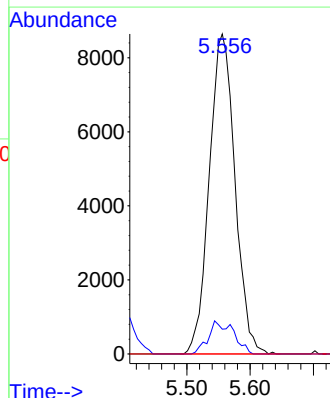
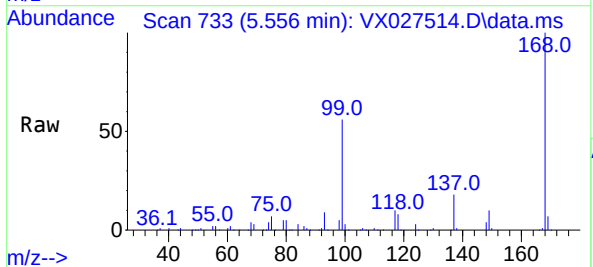
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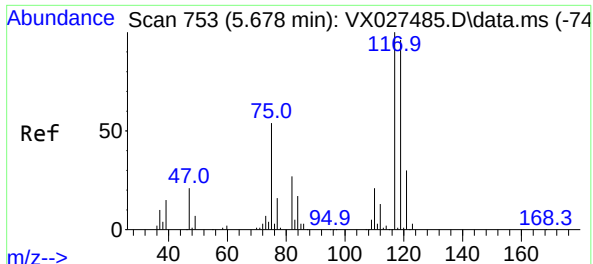
Tgt Ion:113 Resp: 187103
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.919 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

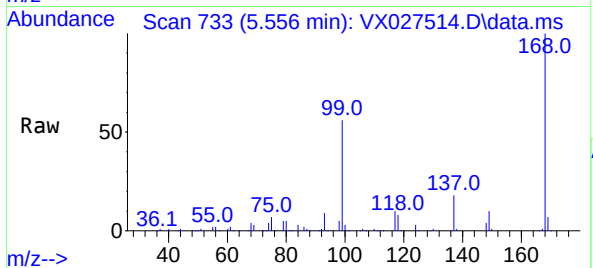
Tgt Ion: 75 Resp: 24390
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#



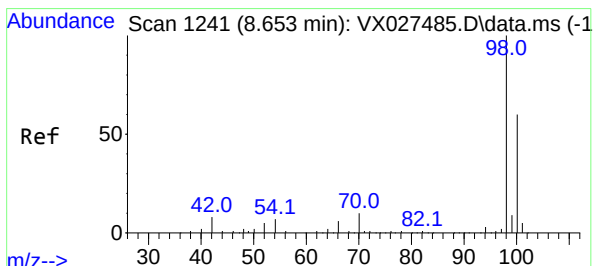
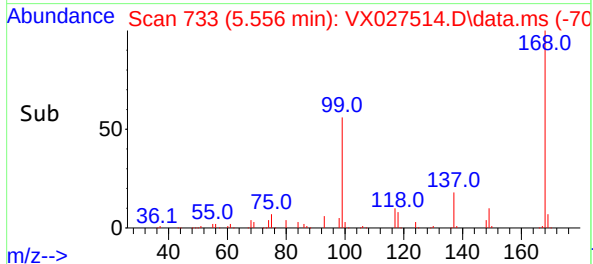
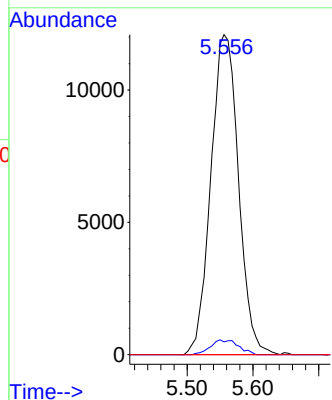


#38
Carbon Tetrachloride
Concen: 6.232 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Instrument :
MSVOA_X
ClientSampleId :
MW-126

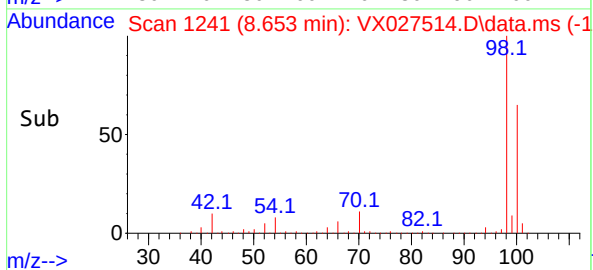
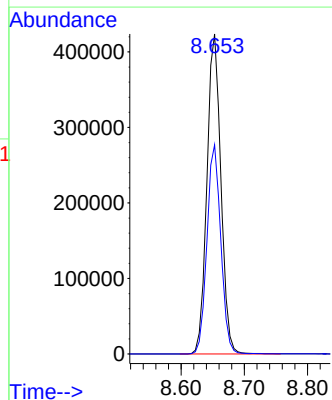
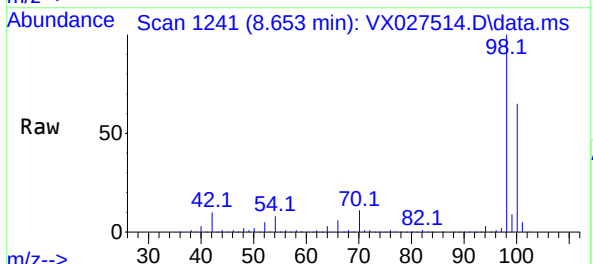


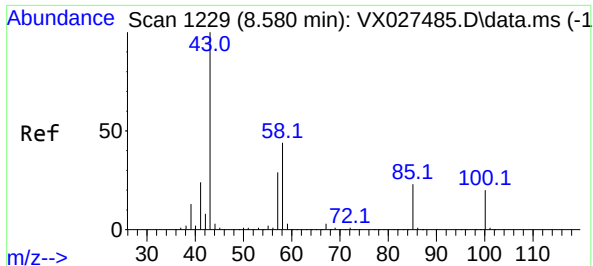
Tgt Ion:117 Resp: 35348
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.510 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion: 98 Resp: 652265
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

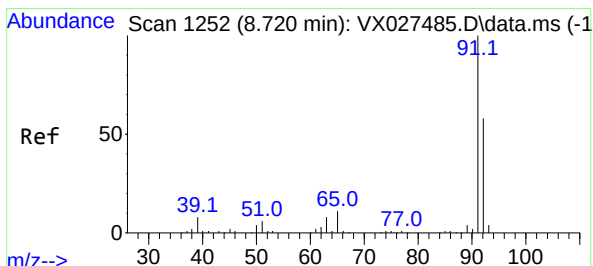
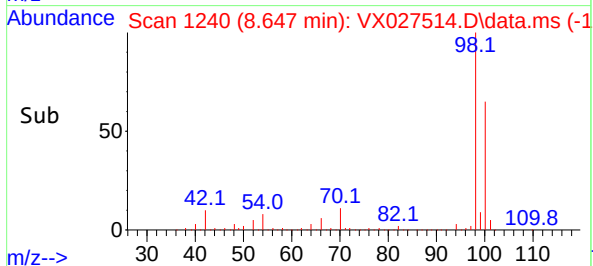
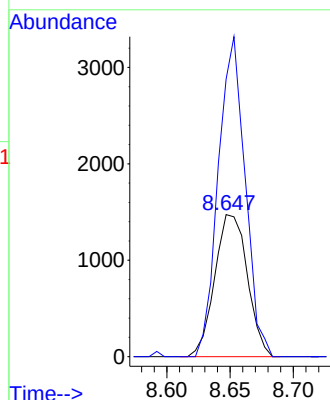
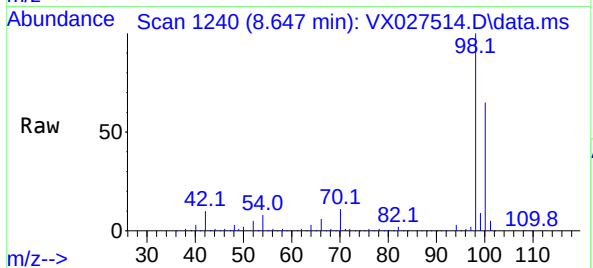




#51
4-Methyl-2-Pentanone
Concen: 0.520 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

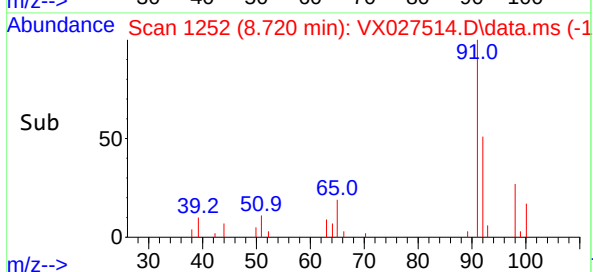
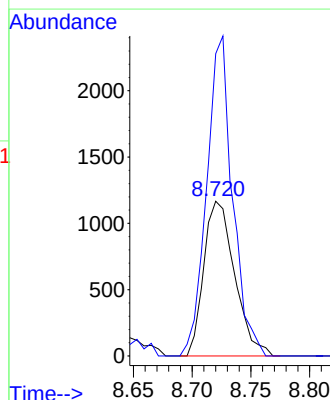
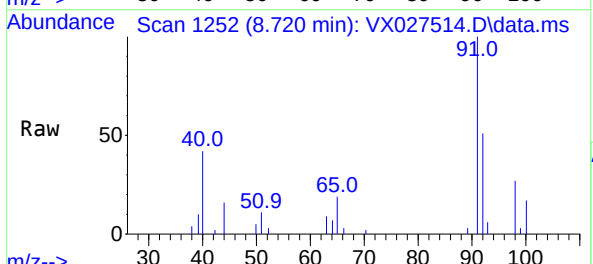
Instrument :
MSVOA_X
ClientSampleId :
MW-126

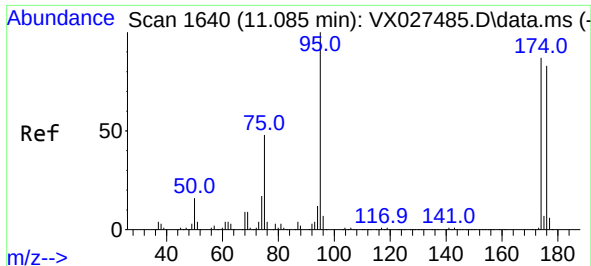
Tgt Ion: 43 Resp: 2639
Ion Ratio Lower Upper
43 100
58 185.6 36.1 54.1#



#52
Toluene
Concen: 0.224 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion: 92 Resp: 2132
Ion Ratio Lower Upper
92 100
91 174.0 137.5 206.3

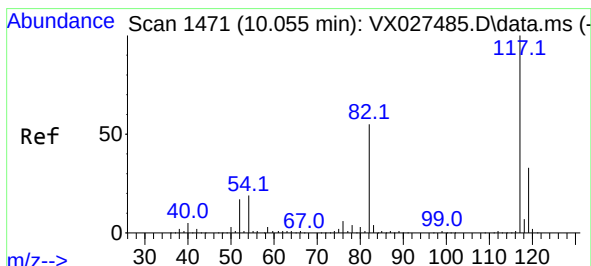
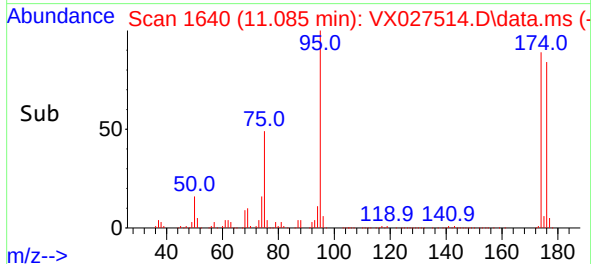
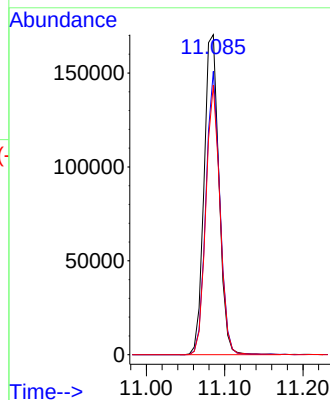
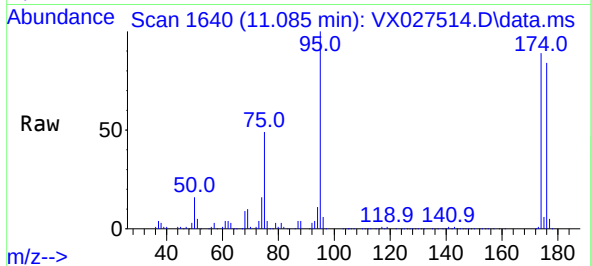




#62
4-Bromofluorobenzene
Concen: 44.532 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

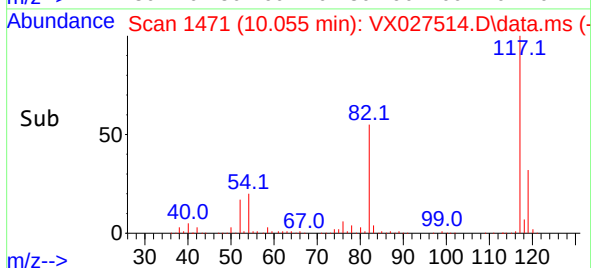
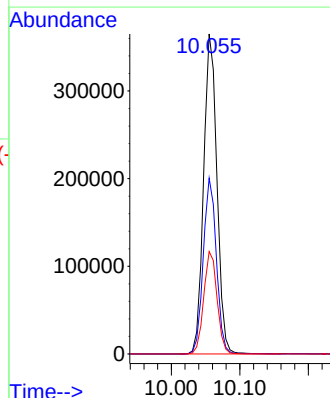
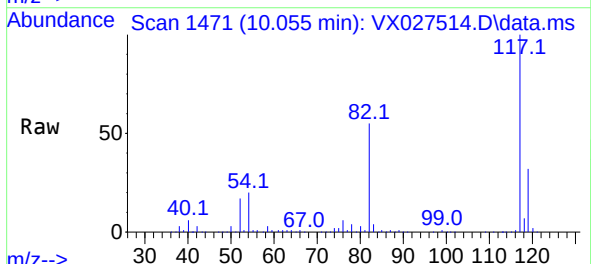
Instrument :
MSVOA_X
ClientSampleId :
MW-126

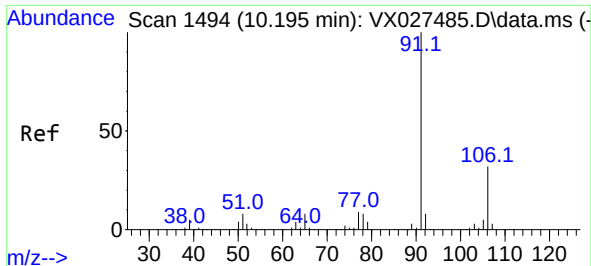
Tgt Ion: 95 Resp: 224714
Ion Ratio Lower Upper
95 100
174 82.6 0.0 163.0
176 79.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion: 117 Resp: 494087
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.8
119 32.0 24.8 37.2

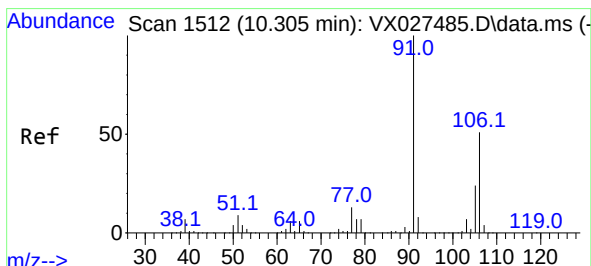
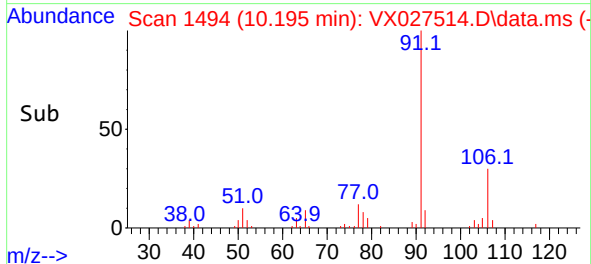
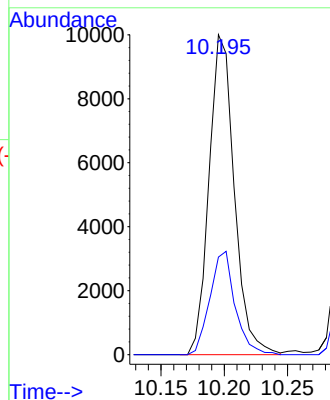
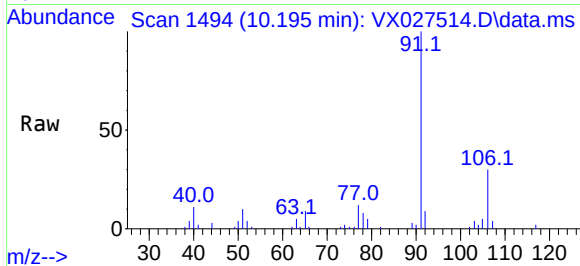




#67
Ethyl Benzene
Concen: 0.798 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

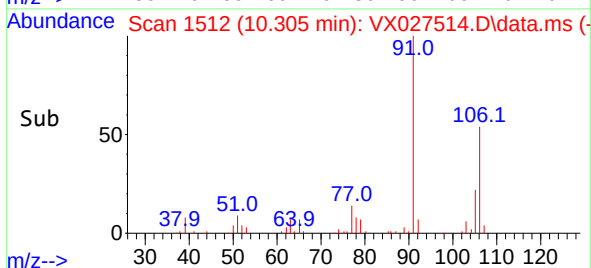
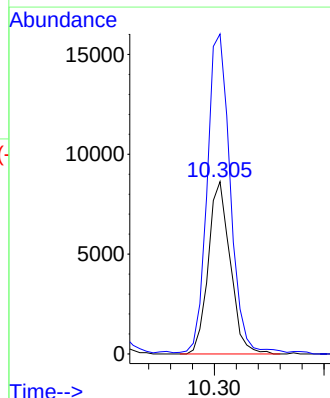
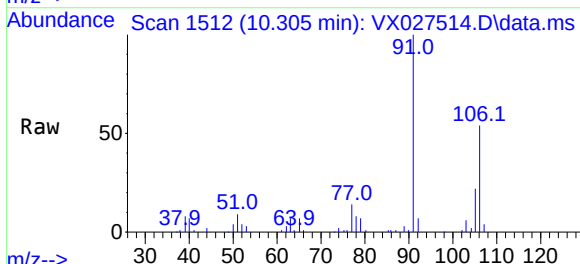
Instrument :
MSVOA_X
ClientSampleId :
MW-126

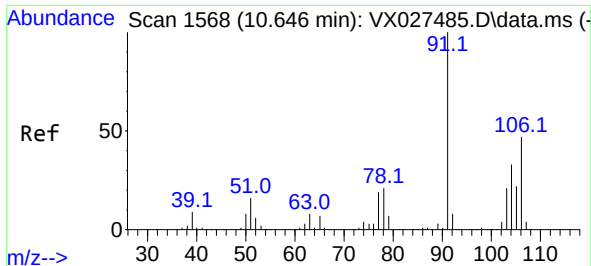
Tgt Ion: 91 Resp: 13882
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8



#68
m/p-Xylenes
Concen: 1.748 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion: 106 Resp: 11974
Ion Ratio Lower Upper
106 100
91 193.8 160.4 240.6

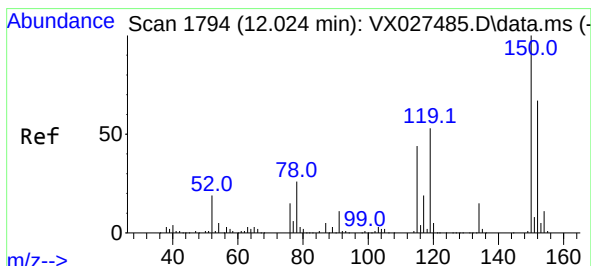
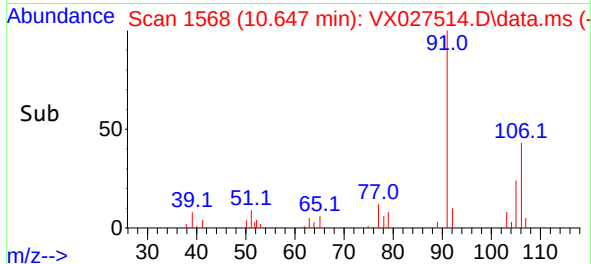
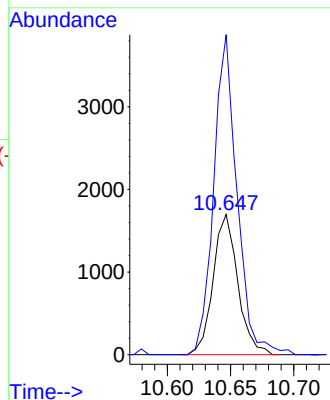
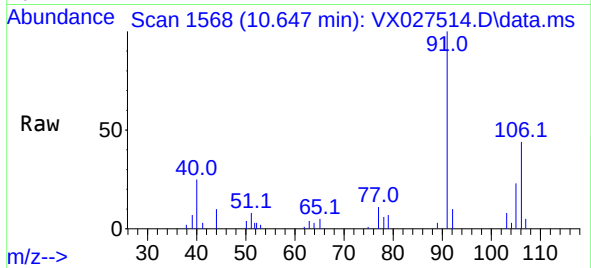




#69
o-Xylene
Concen: 0.346 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

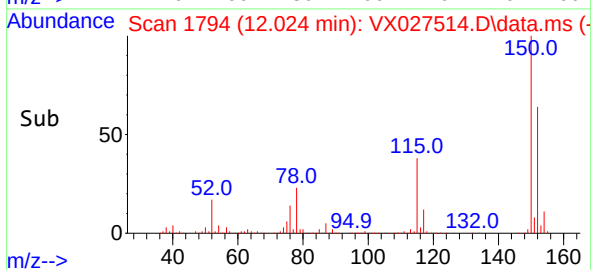
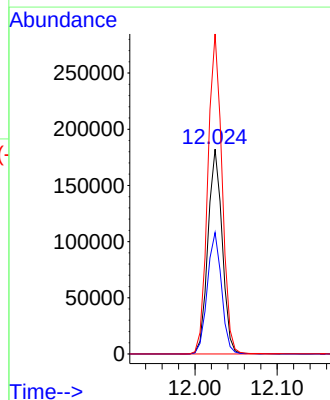
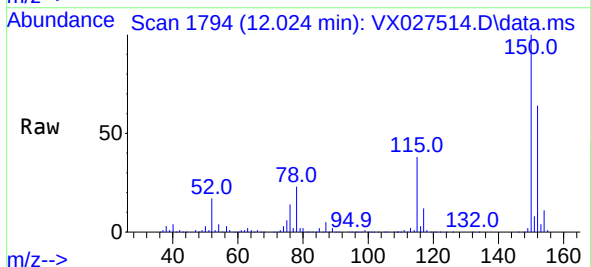
Instrument :
MSVOA_X
ClientSampleId :
MW-126

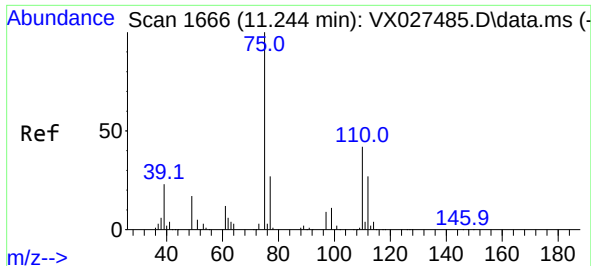
Tgt Ion:106 Resp: 2301
Ion Ratio Lower Upper
106 100
91 215.7 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion:152 Resp: 219250
Ion Ratio Lower Upper
152 100
115 59.1 37.5 112.7
150 156.3 0.0 338.2

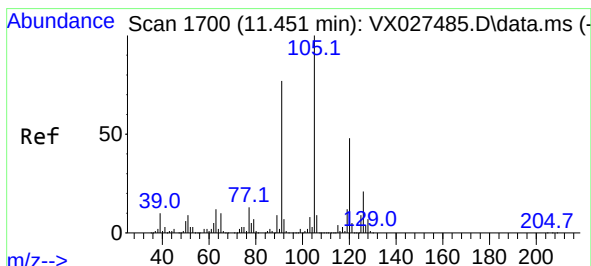
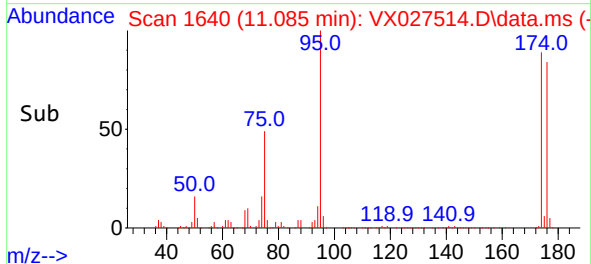
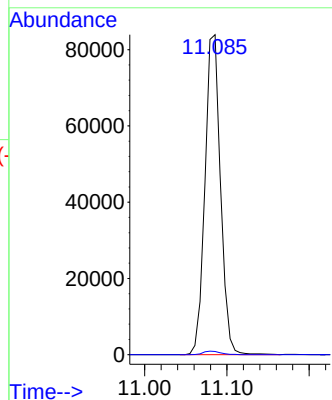
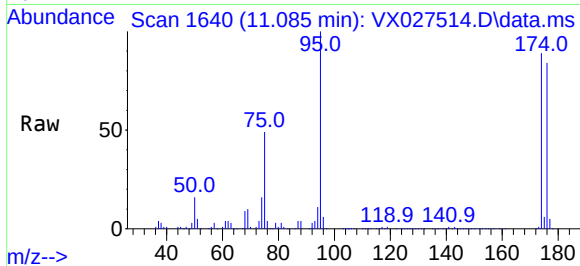




#76
1,2,3-Trichloropropane
Concen: 24.029 ug/l
RT: 11.085 min Scan# 110197
Delta R.T. -0.158 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

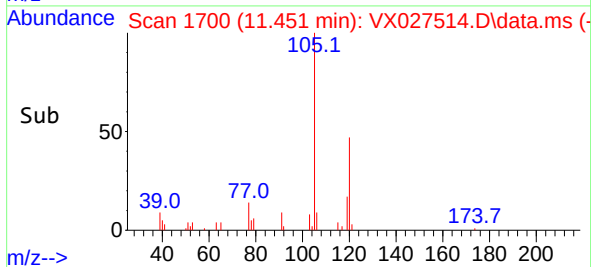
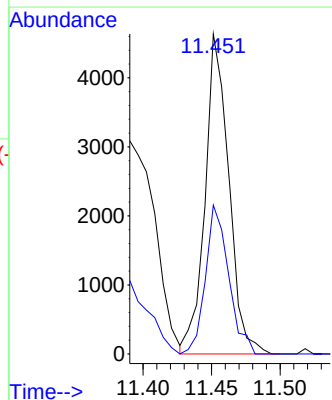
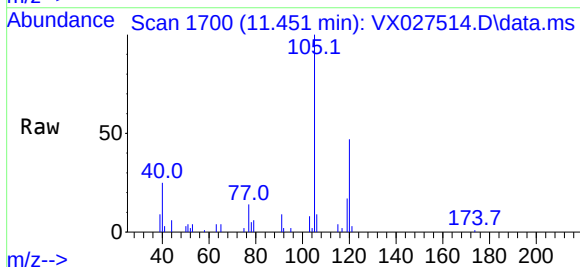
Instrument :
MSVOA_X
ClientSampleId :
MW-126

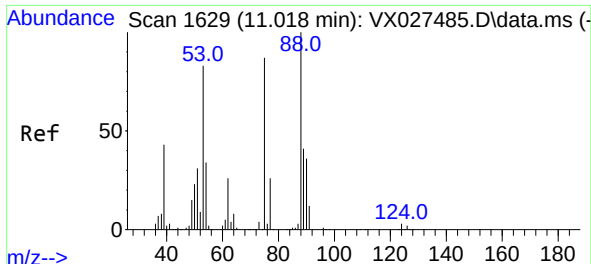
Tgt Ion: 75 Resp: 110197
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#80
1,3,5-Trimethylbenzene
Concen: 0.415 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion:105 Resp: 5584
Ion Ratio Lower Upper
105 100
120 45.4 24.3 72.9

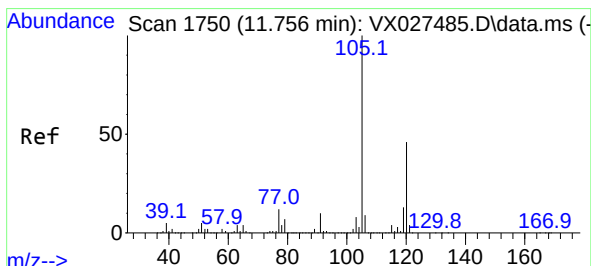
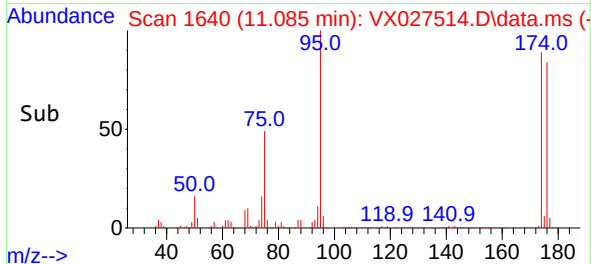
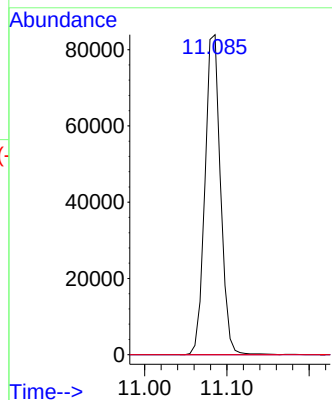
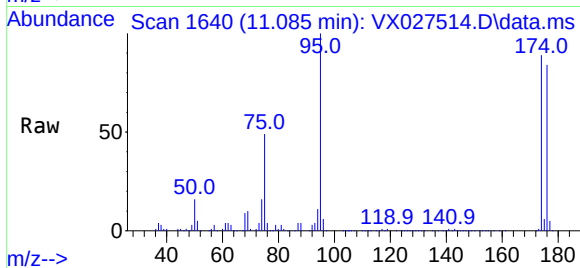




#81
trans-1,4-Dichloro-2-butene
Concen: 72.977 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

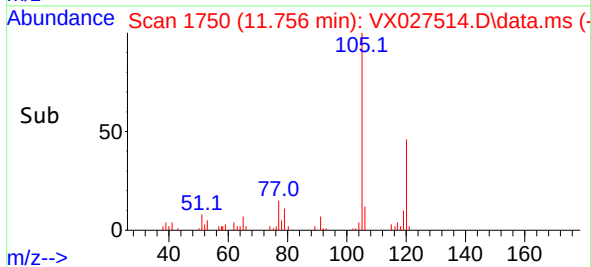
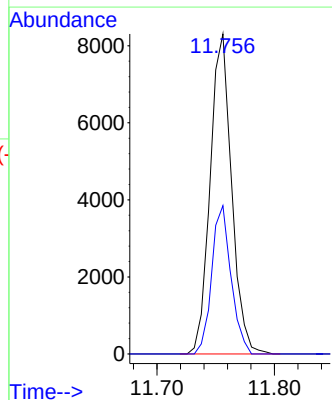
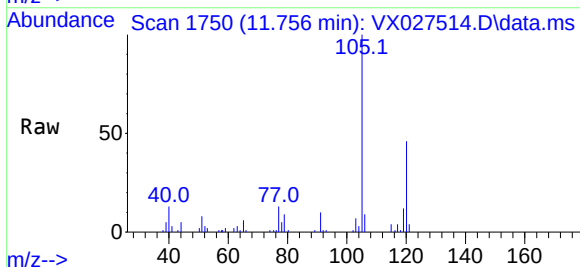
Instrument :
MSVOA_X
ClientSampleId :
MW-126

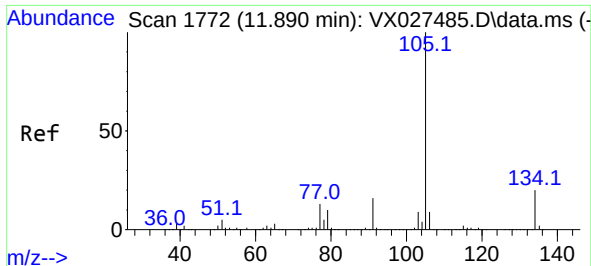
Tgt Ion: 75 Resp: 110197
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.786 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion: 105 Resp: 10538
Ion Ratio Lower Upper
105 100
120 41.6 22.6 67.8

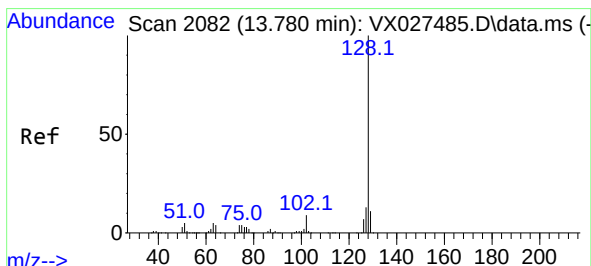
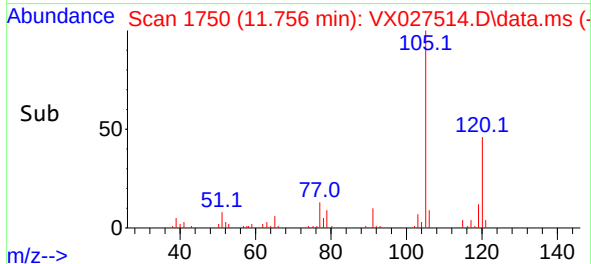
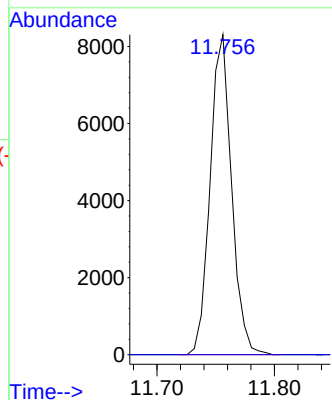
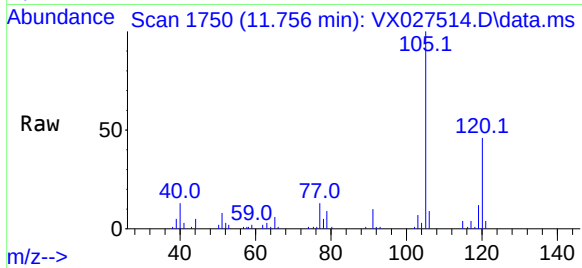




#85
 sec-Butylbenzene
 Concen: 0.655 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.134 min
 Lab File: VX027514.D
 Acq: 18 Mar 2022 02:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-126

Tgt Ion:105 Resp: 10538
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#95
 Naphthalene
 Concen: 0.459 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VX027514.D
 Acq: 18 Mar 2022 02:04

Tgt Ion:128 Resp: 6970
 Ion Ratio Lower Upper
 128 100
 127 12.2 10.2 15.4
 129 10.3 8.7 13.1

