

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041822\
 Data File : VW025612.D
 Acq On : 18 Apr 2022 16:59
 Operator : SY/MD
 Sample : N2384-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6P9

Quant Time: Apr 19 05:09:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 19 05:06:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123360	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	125292	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58626	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	59780	5.212	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.200%
7) Chloroethane-d5	1.571	69	55562	4.554	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.111	63	92147	4.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	3.908	46	72527	51.988	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.980%
24) Chloroform-d	4.352	84	88974	5.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.037	65	42598	5.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.000%
32) Benzene-d6	5.053	84	178690	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.072	67	53182	5.260	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.317	98	153787	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.625	79	15512	4.565	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.091	63	57028	47.816	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33359	5.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	51102	5.199	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	59168	5.310	ug/L	99
3) Chloromethane	1.246	50	501	0.041	ug/L #	77
6) Bromomethane	1.526	94	412	0.042	ug/L #	64
14) Carbon disulfide	2.297	76	13560	0.529	ug/L	97
15) Methyl Acetate	2.436	43	709	0.337	ug/L #	43
22) cis-1,2-Dichloroethene	3.921	96	10803	1.145	ug/L	80
25) Chloroform	4.378	83	7996	0.499	ug/L	91
30) Cyclohexane	4.683	56	1221	0.091	ug/L #	15
33) Benzene	5.108	78	5447	0.147	ug/L	100
34) Trichloroethene	5.924	95	4584	0.466	ug/L	92
35) Methylcyclohexane	6.127	83	1747	0.111	ug/L #	71
37) 1,2-Dichloropropane	6.072	63	6094	0.712	ug/L #	85
39) cis-1,3-Dichloropropene	6.995	75	1300	0.116	ug/L #	71
42) Toluene	7.397	91	13865	0.344	ug/L	93
47) Tetrachloroethene	7.976	164	86198	11.204	ug/L	97
49) Dibromochloromethane	7.976	129	81320	12.919	ug/L #	11
52) Ethylbenzene	9.017	91	11168	0.260	ug/L	94
53) m,p-Xylene	9.143	106	2148	0.132	ug/L	93
54) o-Xylene	9.548	106	1014	0.064	ug/L	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041822\
 Data File : VV025612.D
 Acq On : 18 Apr 2022 16:59
 Operator : SY/MD
 Sample : N2384-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6P9

Quant Time: Apr 19 05:09:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 19 05:06:28 2022
 Response via : Initial Calibration

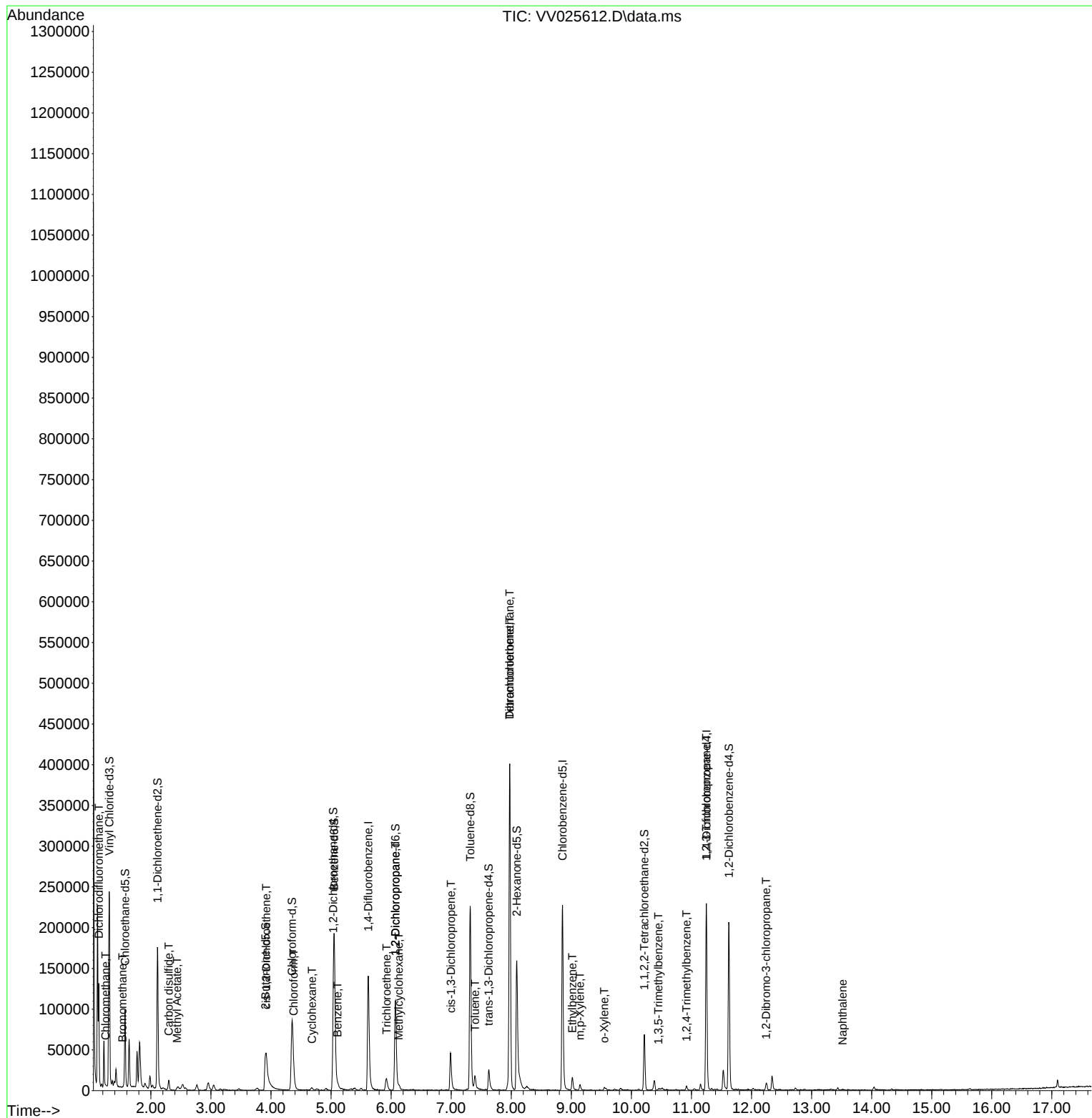
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2,3-Trichloropropane	11.246	75	6957	1.802	ug/L #	59
62) 1,3,5-Trimethylbenzene	10.451	105	1421	0.088	ug/L	90
63) 1,2,4-Trimethylbenzene	10.918	105	2590	0.089	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.242	75	200	0.300	ug/L #	2
71) Naphthalene	13.516	128	839	0.058	ug/L #	72

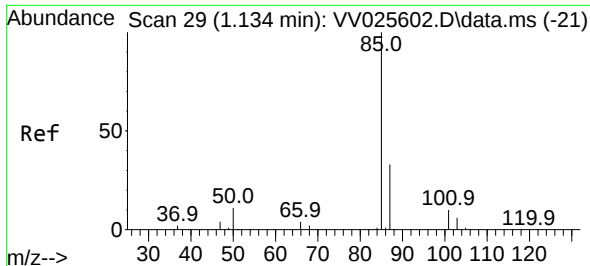
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041822\
Data File : VV025612.D
Acq On : 18 Apr 2022 16:59
Operator : SY/MD
Sample : N2384-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6P9

Quant Time: Apr 19 05:09:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 19 05:06:28 2022
Response via : Initial Calibration

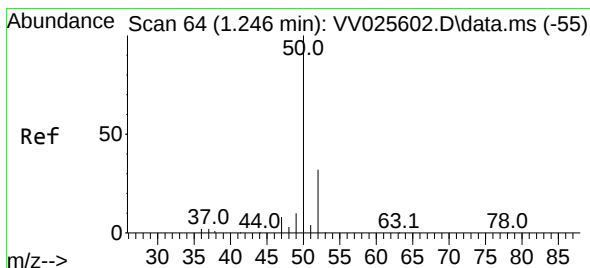
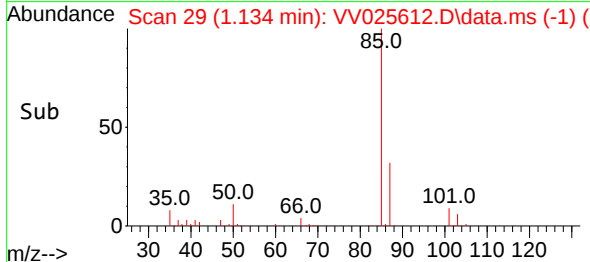
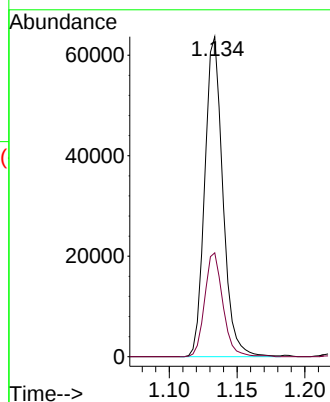
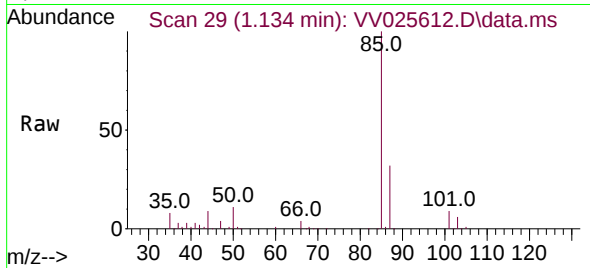




#2
 Dichlorodifluoromethane
 Concen: 5.310 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VV025612.D
 Acq: 18 Apr 2022 16:59

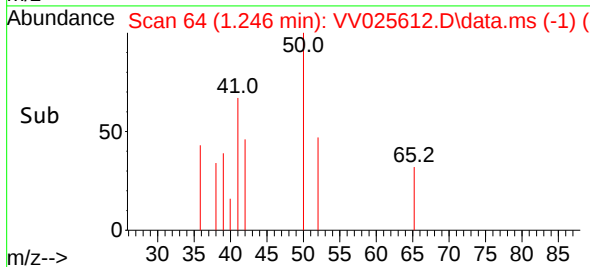
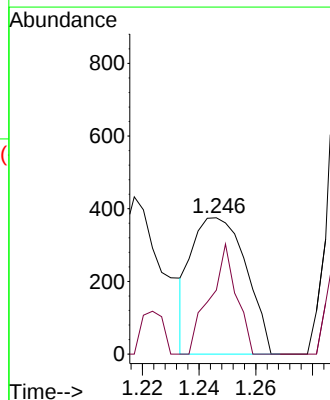
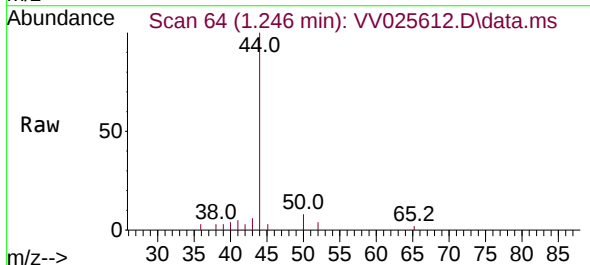
Instrument :
 MSVOA_V
 ClientSampleId :
 EW6P9

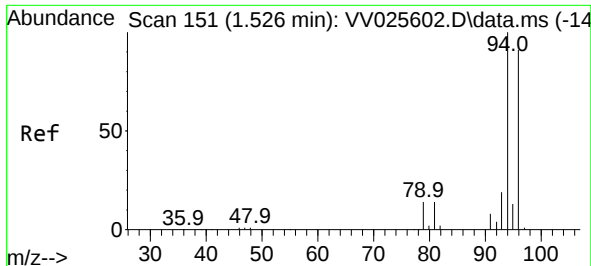
Tgt Ion: 85 Resp: 59168
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.6 38.4



#3
 Chloromethane
 Concen: 0.041 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: VV025612.D
 Acq: 18 Apr 2022 16:59

Tgt Ion: 50 Resp: 501
 Ion Ratio Lower Upper
 50 100
 52 46.9 23.7 43.9#

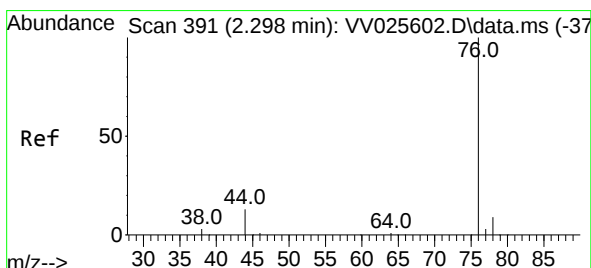
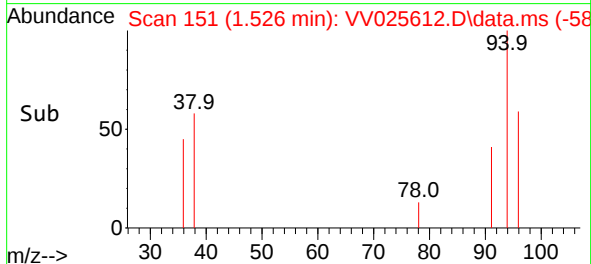
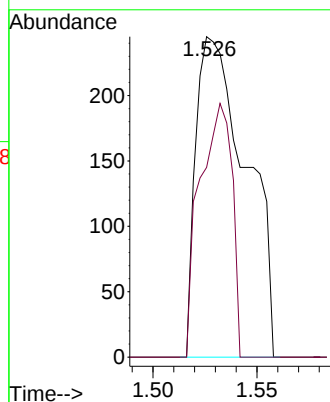
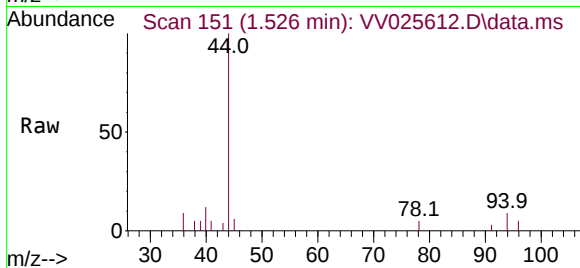




#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.526 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

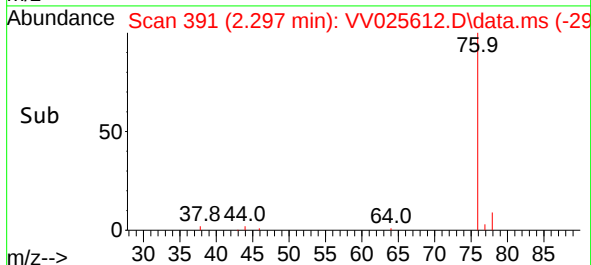
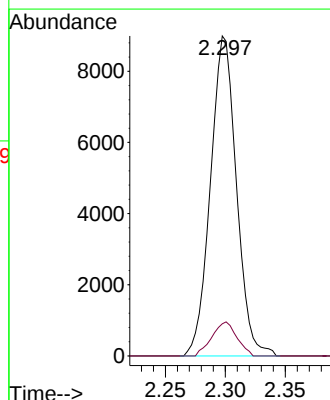
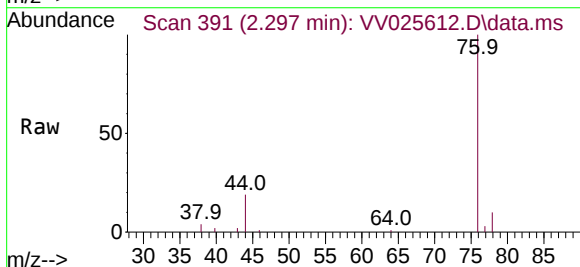
Instrument :
MSVOA_V
ClientSampleId :
EW6P9

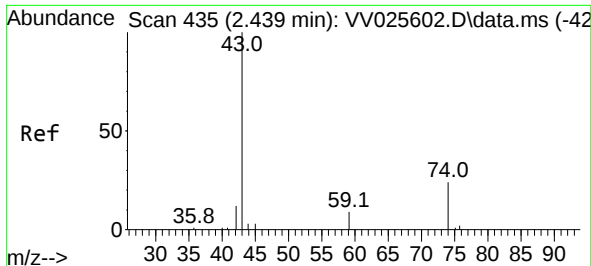
Tgt Ion: 94 Resp: 412
Ion Ratio Lower Upper
94 100
96 59.2 66.1 122.7#



#14
Carbon disulfide
Concen: 0.529 ug/L
RT: 2.297 min Scan# 391
Delta R.T. -0.000 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Tgt Ion: 76 Resp: 13560
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9

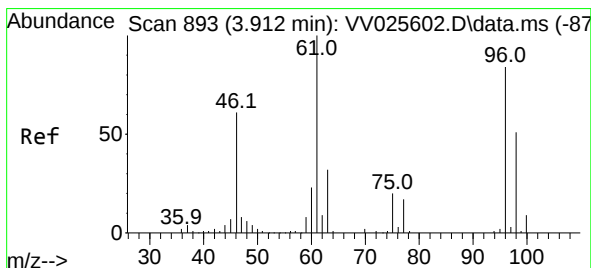
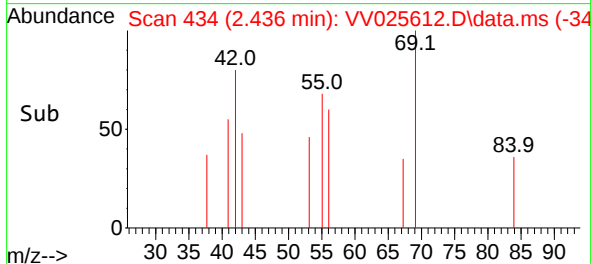
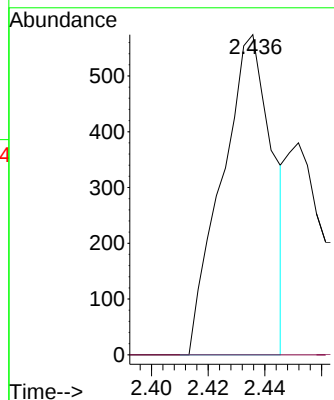
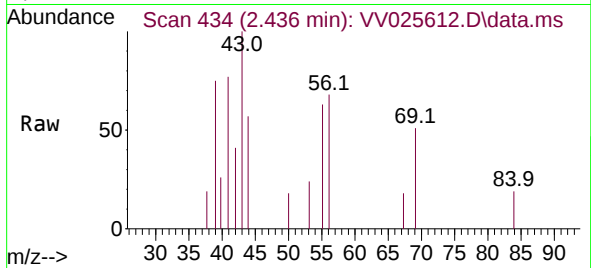




#15
Methyl Acetate
Concen: 0.337 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

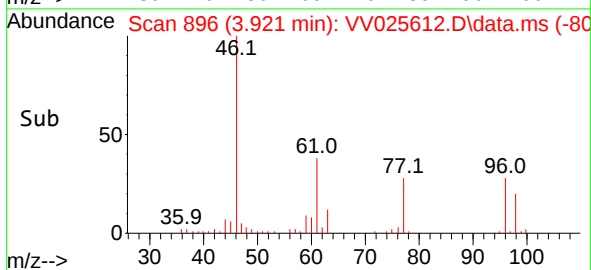
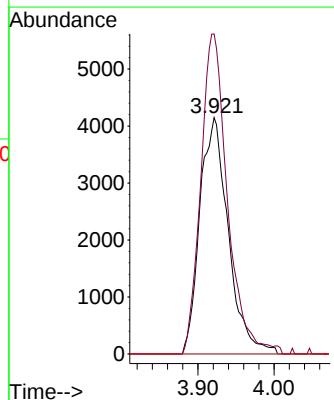
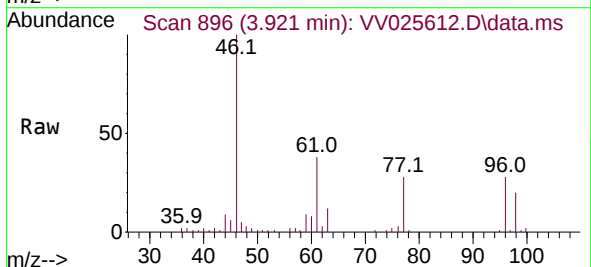
Instrument :
MSVOA_V
ClientSampleId :
EW6P9

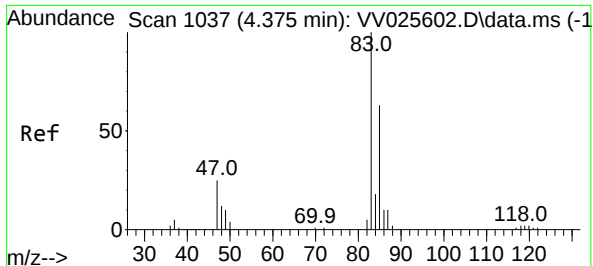
Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#



#22
cis-1,2-Dichloroethene
Concen: 1.145 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.009 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Tgt Ion: 96 Resp: 10803
Ion Ratio Lower Upper
96 100
61 135.4 80.0 148.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.499 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV025612.D

Acq: 18 Apr 2022 16:59

Instrument :

MSVOA_V

ClientSampleId :

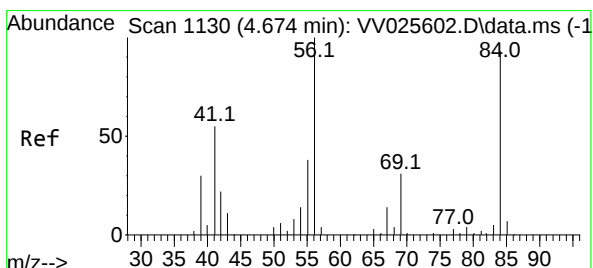
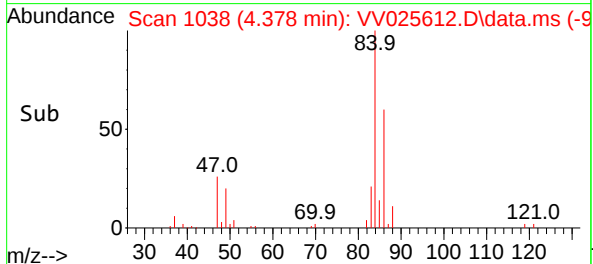
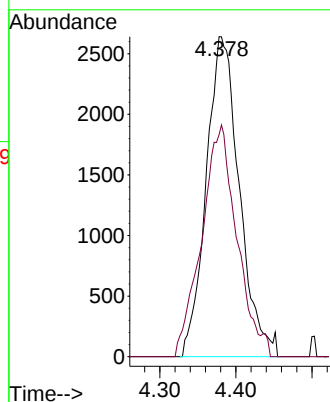
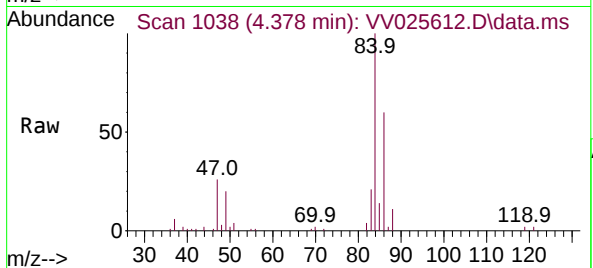
EW6P9

Tgt Ion: 83 Resp: 7996

Ion Ratio Lower Upper

83 100

85 69.4 43.5 80.7



#30

Cyclohexane

Concen: 0.091 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.009 min

Lab File: VV025612.D

Acq: 18 Apr 2022 16:59

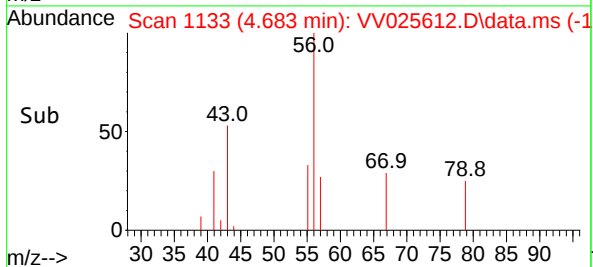
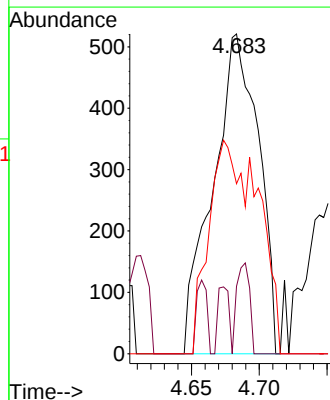
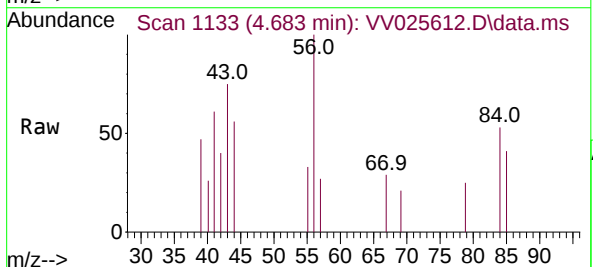
Tgt Ion: 56 Resp: 1221

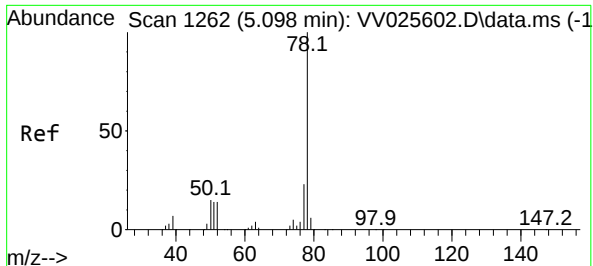
Ion Ratio Lower Upper

56 100

69 7.9 26.1 39.1#

84 0.0 78.6 118.0#





#33

Benzene

Concen: 0.147 ug/L

RT: 5.108 min Scan# 1

Delta R.T. 0.009 min

Lab File: VV025612.D

Acq: 18 Apr 2022 16:59

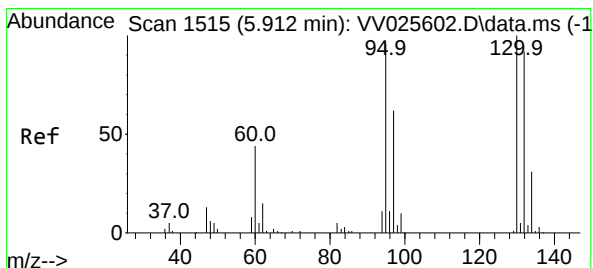
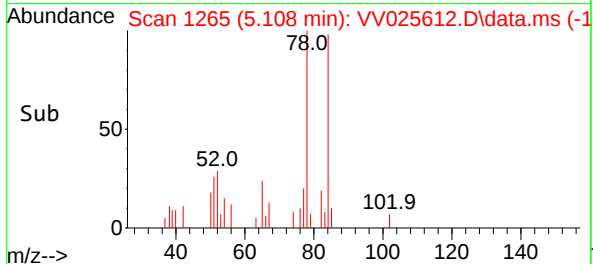
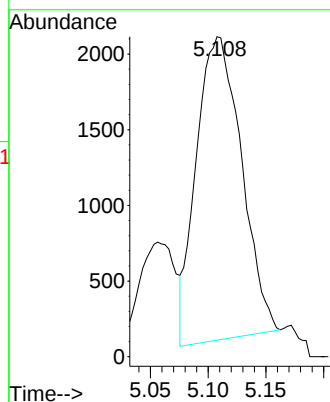
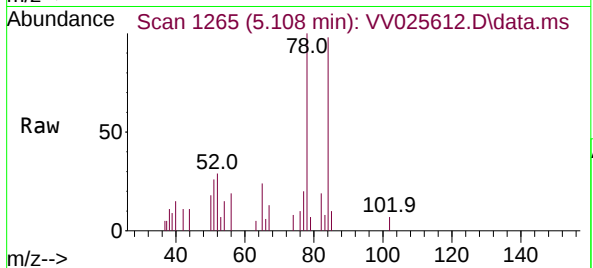
Instrument :

MSVOA_V

ClientSampleId :

EW6P9

Tgt Ion: 78 Resp: 5447



#34

Trichloroethene

Concen: 0.466 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.013 min

Lab File: VV025612.D

Acq: 18 Apr 2022 16:59

Tgt Ion: 95 Resp: 4584

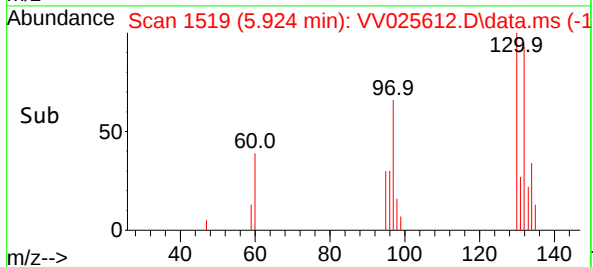
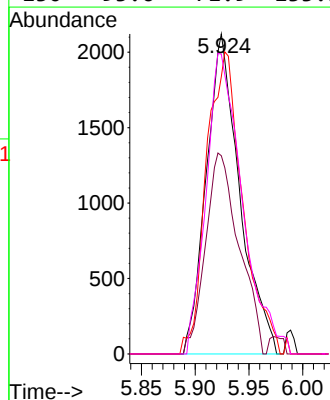
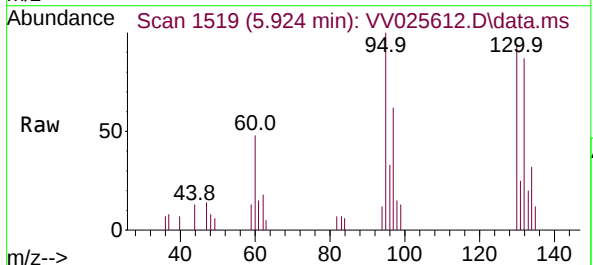
Ion Ratio Lower Upper

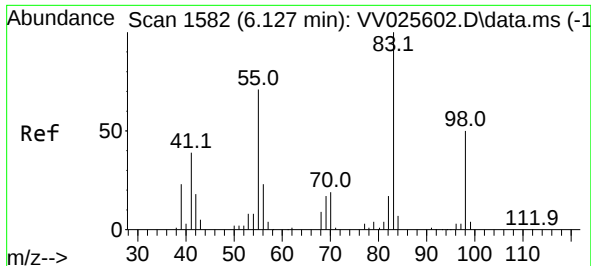
95 100

97 62.0 45.8 85.2

132 86.7 68.0 126.4

130 93.6 71.9 133.5

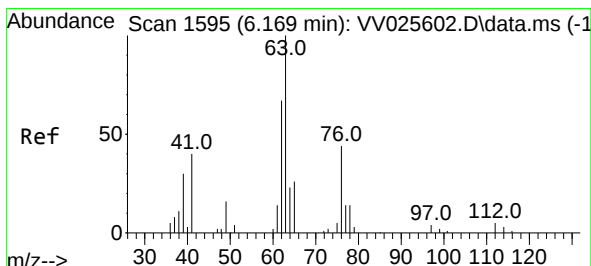
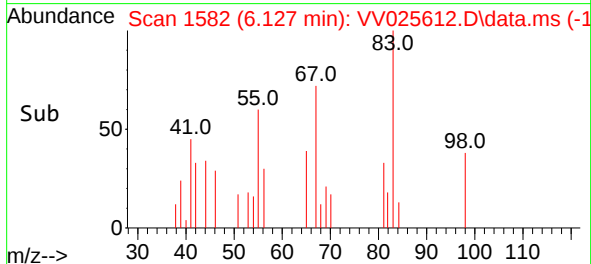
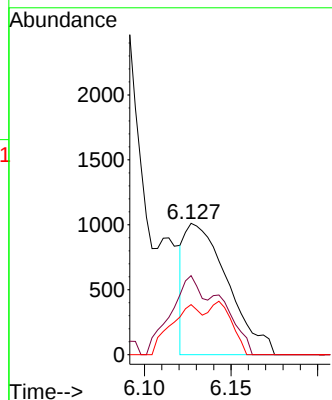
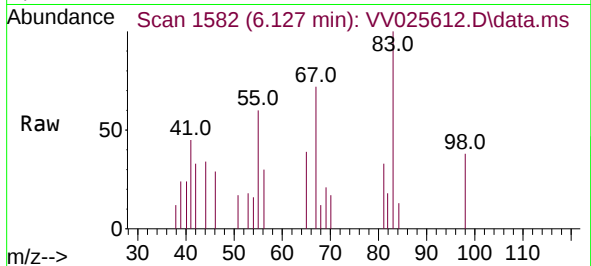




#35
Methylcyclohexane
Concen: 0.111 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

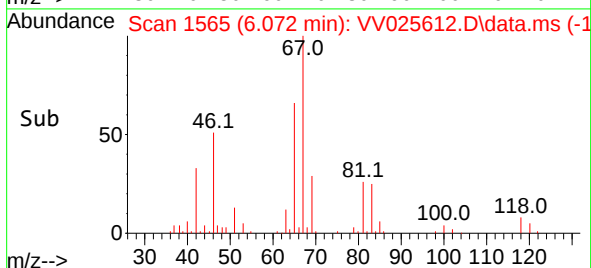
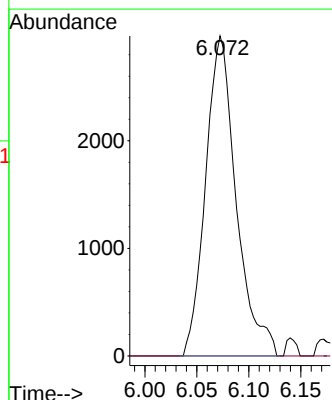
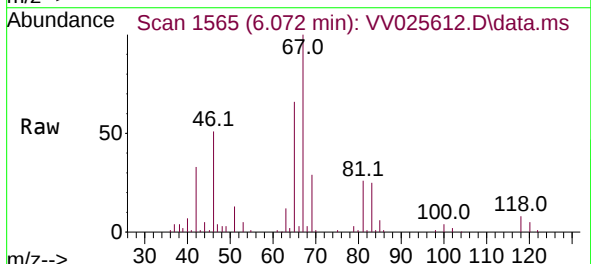
Instrument :
MSVOA_V
ClientSampleId :
EW6P9

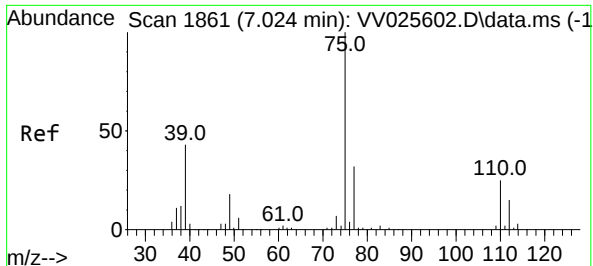
Tgt Ion: 83 Resp: 1747
Ion Ratio Lower Upper
83 100
55 46.6 53.7 80.5#
98 27.1 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.712 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.097 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Tgt Ion: 63 Resp: 6094
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.029 min

Lab File: VV025612.D

Acq: 18 Apr 2022 16:59

Instrument :

MSVOA_V

ClientSampleId :

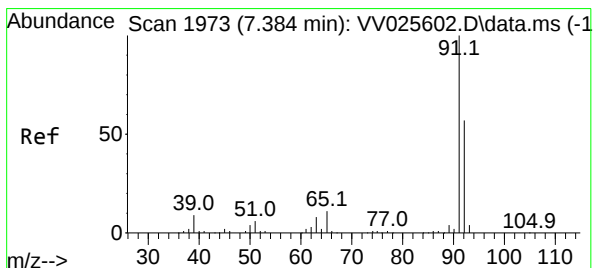
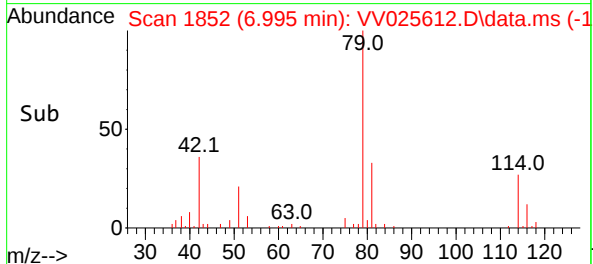
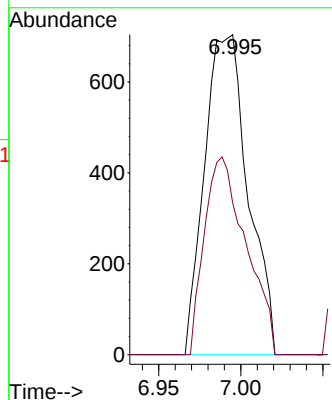
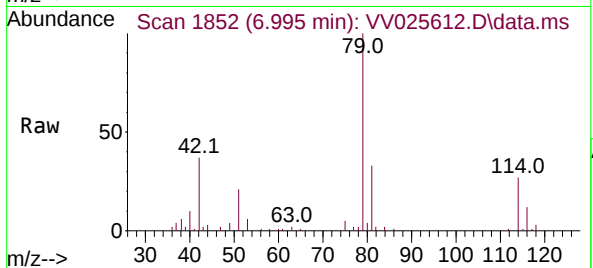
EW6P9

Tgt Ion: 75 Resp: 1300

Ion Ratio Lower Upper

75 100

77 47.4 21.8 40.6#



#42

Toluene

Concen: 0.344 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV025612.D

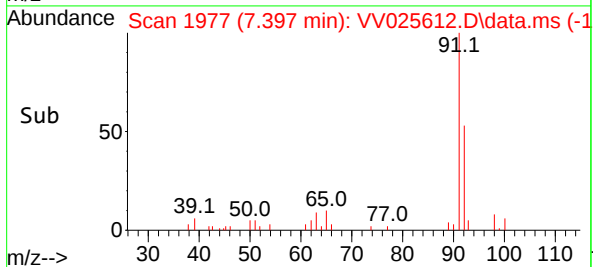
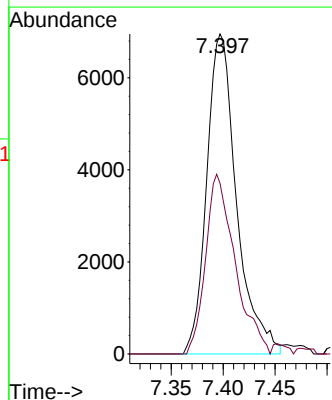
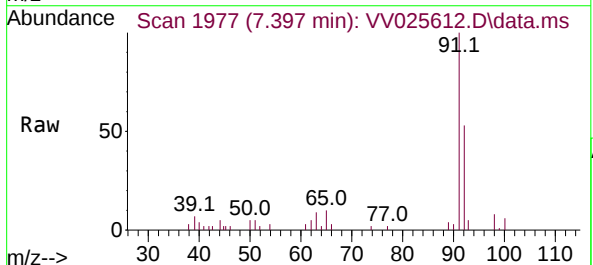
Acq: 18 Apr 2022 16:59

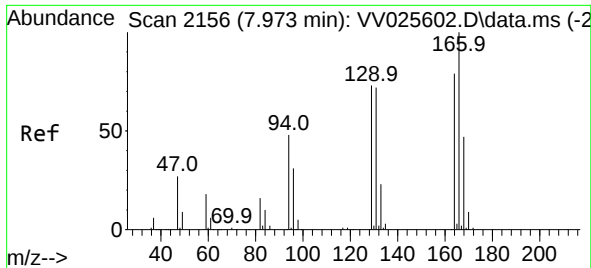
Tgt Ion: 91 Resp: 13865

Ion Ratio Lower Upper

91 100

92 53.3 40.8 75.8

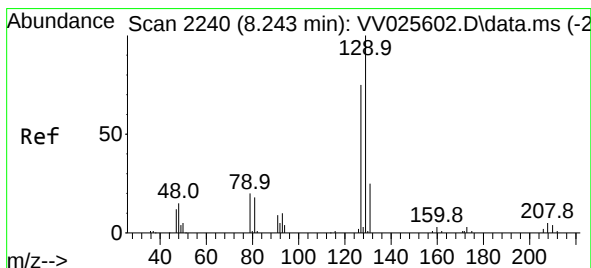
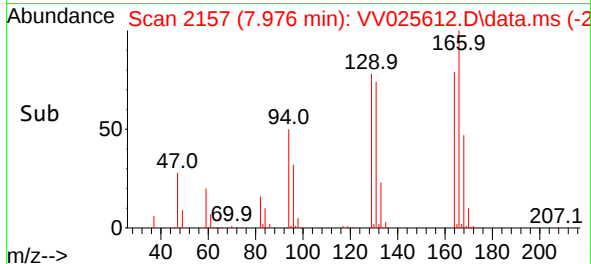
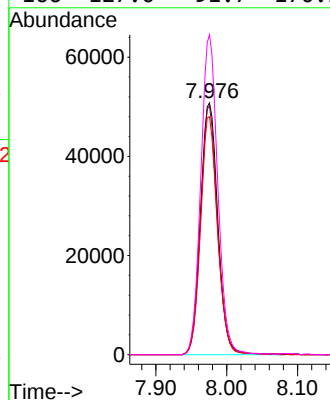
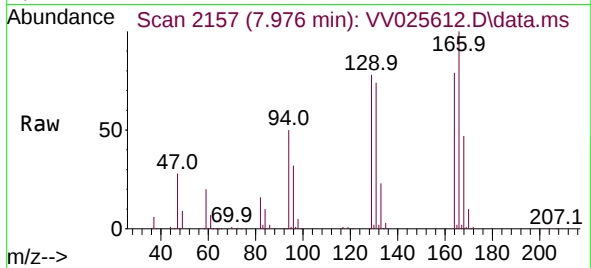




#47
Tetrachloroethene
Concen: 11.204 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

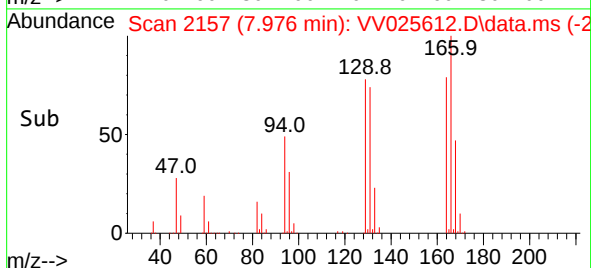
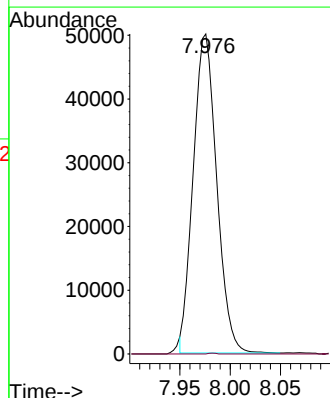
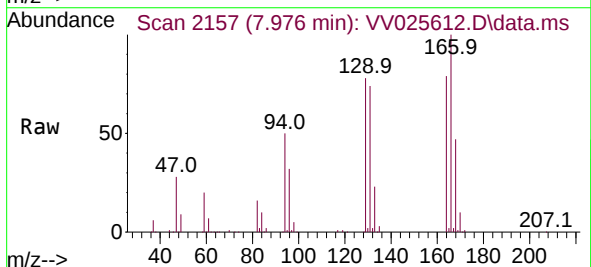
Instrument :
MSVOA_V
ClientSampleId :
EW6P9

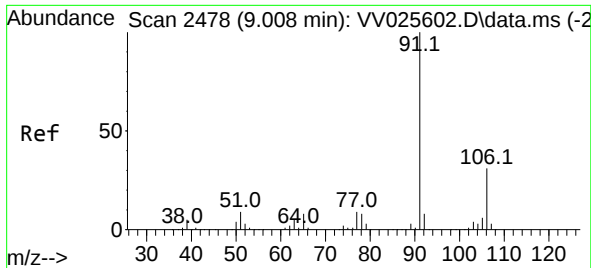
Tgt Ion:	164	Resp:	86198
Ion Ratio	Lower	Upper	
164	100		
129	98.8	66.8	124.2
131	94.5	66.4	123.4
166	127.0	91.7	170.3



#49
Dibromochloromethane
Concen: 12.919 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Tgt Ion:	129	Resp:	81320
Ion Ratio	Lower	Upper	
129	100		
127	0.0	53.8	100.0#

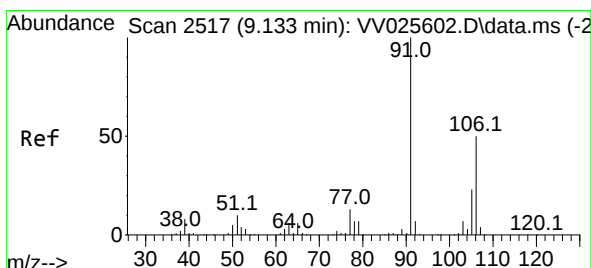
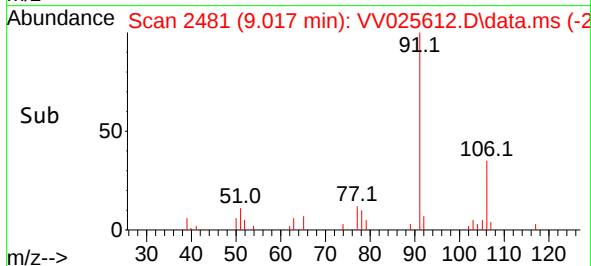
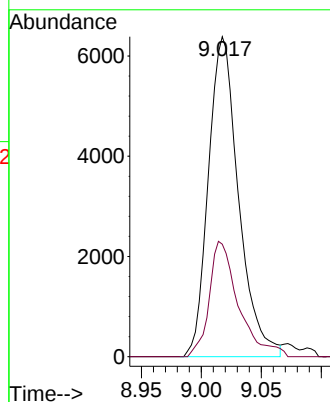
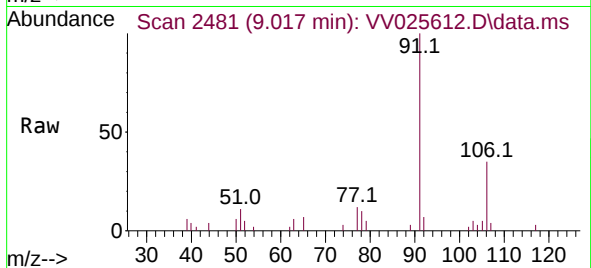




#52
Ethylbenzene
Concen: 0.260 ug/L
RT: 9.017 min Scan# 2478
Delta R.T. 0.009 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

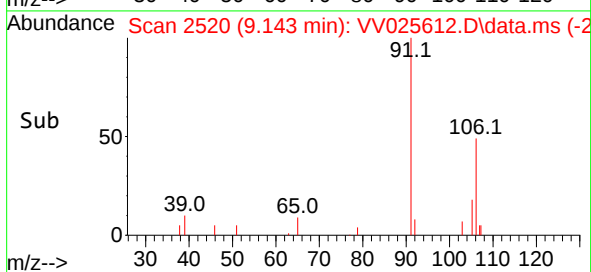
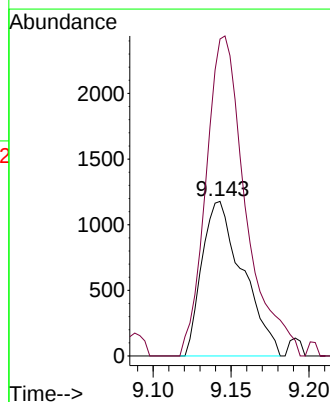
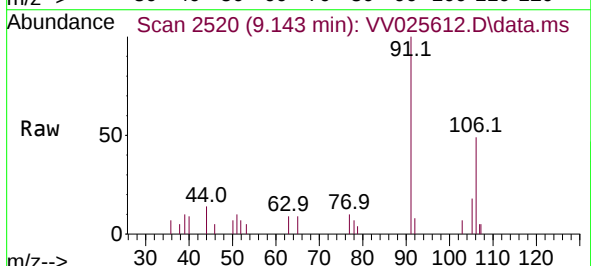
Instrument :
MSVOA_V
ClientSampleId :
EW6P9

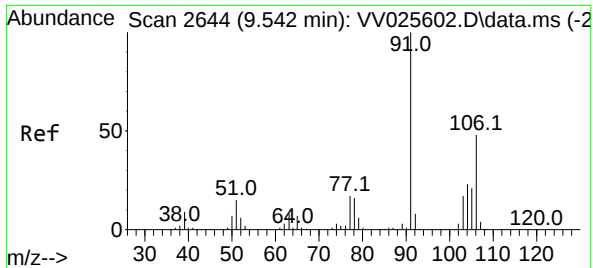
Tgt Ion: 91 Resp: 11168
Ion Ratio Lower Upper
91 100
106 35.1 22.3 41.3



#53
m,p-Xylene
Concen: 0.132 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.009 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Tgt Ion: 106 Resp: 2148
Ion Ratio Lower Upper
106 100
91 205.0 136.4 253.4

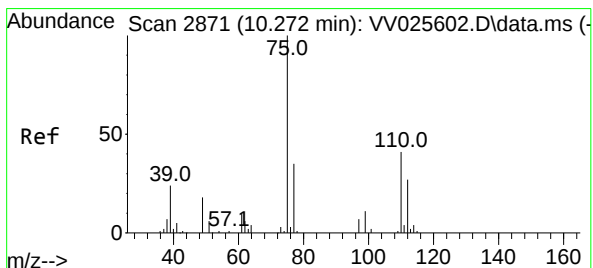
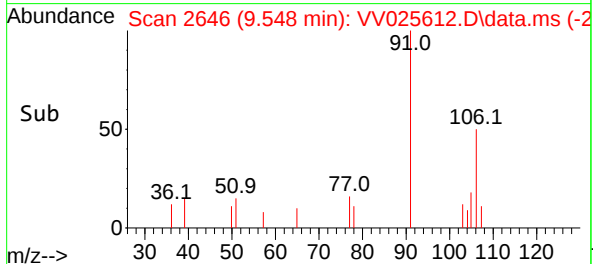
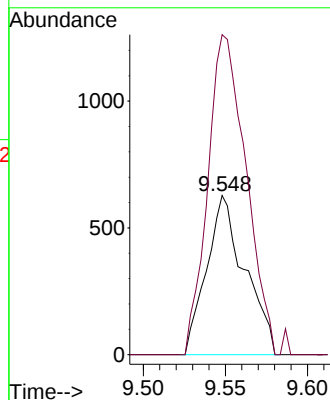
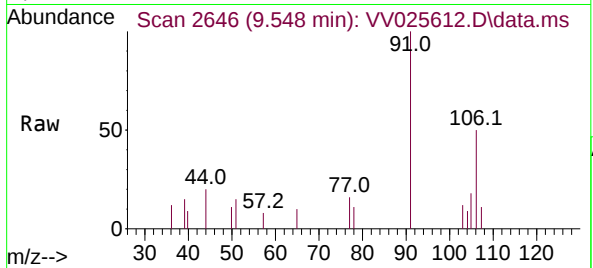




#54
o-Xylene
Concen: 0.064 ug/L
RT: 9.548 min Scan# 210
Delta R.T. 0.006 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

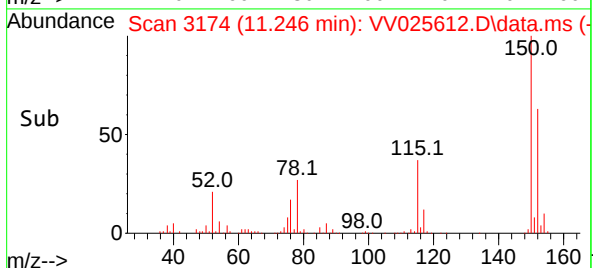
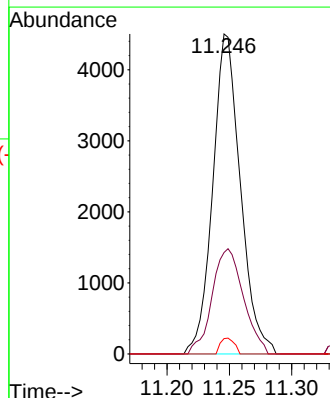
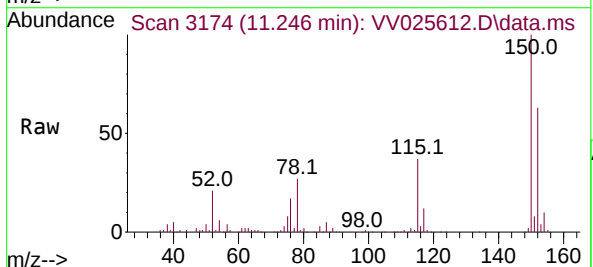
Instrument :
MSVOA_V
ClientSampleId :
EW6P9

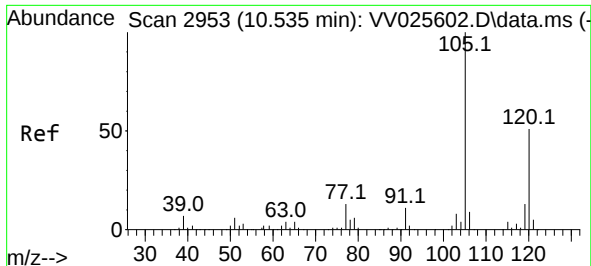
Tgt Ion:106 Resp: 1014
Ion Ratio Lower Upper
106 100
91 201.0 150.4 279.2



#61
1,2,3-Trichloropropane
Concen: 1.802 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Tgt Ion: 75 Resp: 6957
Ion Ratio Lower Upper
75 100
77 37.2 25.6 38.4
110 2.5 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.088 ug/L

RT: 10.451 min Scan# 2953

Delta R.T. -0.084 min

Lab File: VV025612.D

Acq: 18 Apr 2022 16:59

Instrument :

MSVOA_V

ClientSampleId :

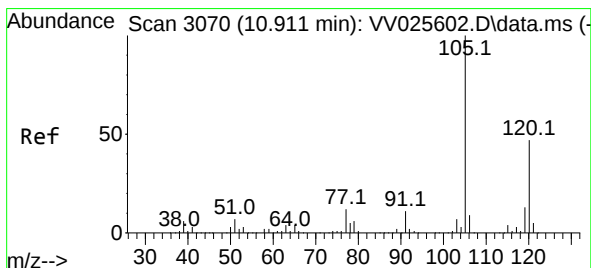
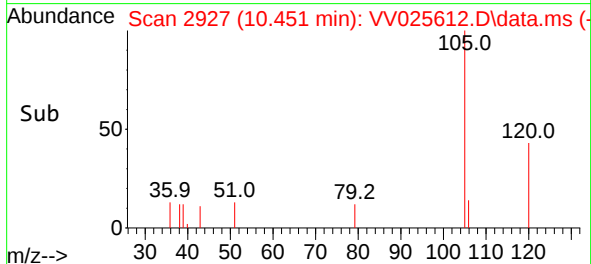
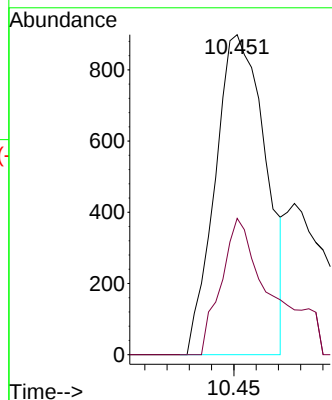
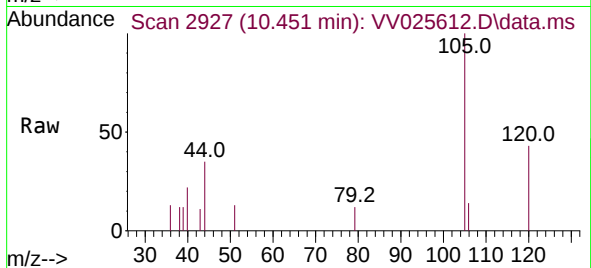
EW6P9

Tgt Ion:105 Resp: 1421

Ion Ratio Lower Upper

105 100

120 42.7 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.089 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.006 min

Lab File: VV025612.D

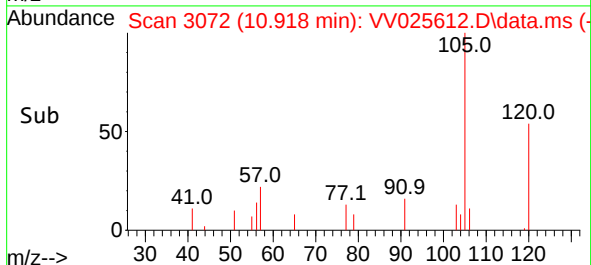
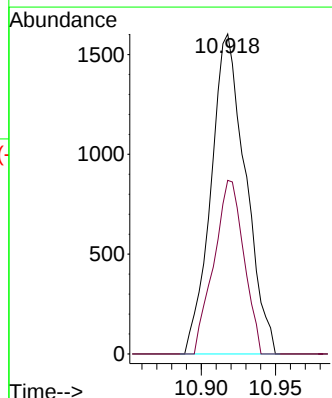
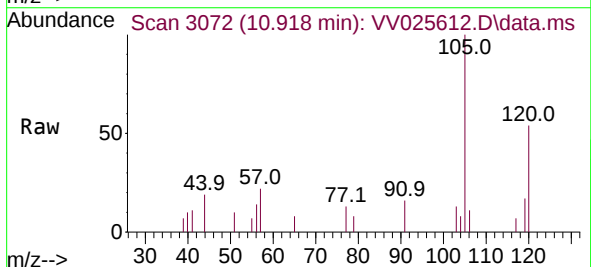
Acq: 18 Apr 2022 16:59

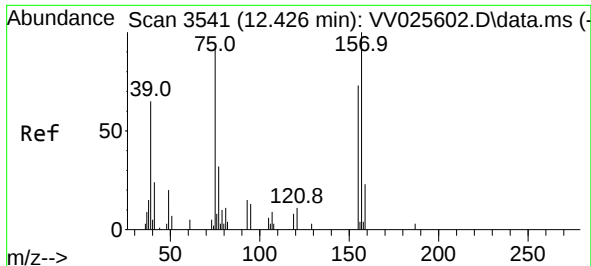
Tgt Ion:105 Resp: 2590

Ion Ratio Lower Upper

105 100

120 46.9 36.6 55.0

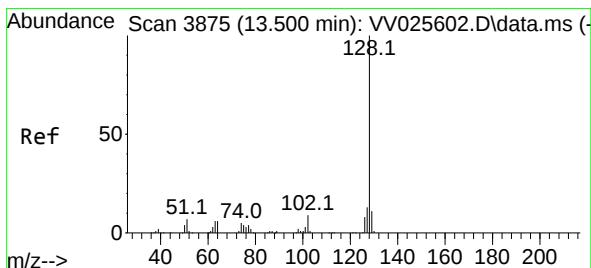
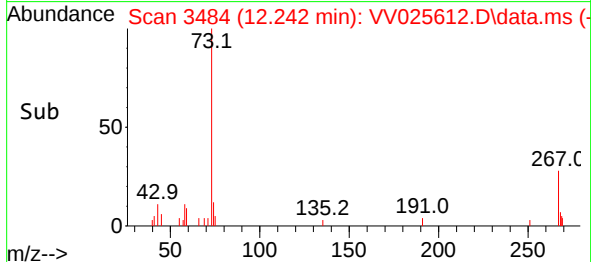
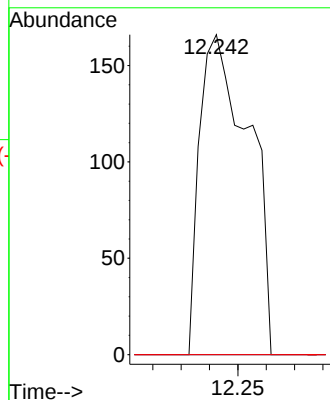
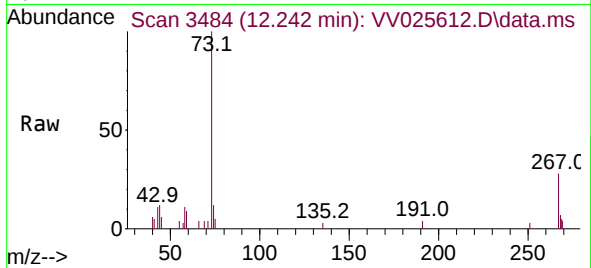




#68
1,2-Dibromo-3-chloropropane
Concen: 0.300 ug/L
RT: 12.242 min Scan# 34
Delta R.T. -0.183 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Instrument :
MSVOA_V
ClientSampleId :
EW6P9

Tgt Ion: 75 Resp: 200
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.8#
157 0.0 86.6 130.0#



#71
Naphthalene
Concen: 0.058 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.016 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Tgt Ion: 128 Resp: 839
Ion Ratio Lower Upper
128 100
129 2.5 8.8 13.2#
127 0.0 10.4 15.6#

