

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061222\
 Data File : VW026187.D
 Acq On : 13 Jun 2022 01:53
 Operator : SY/MD
 Sample : N3278-11 200X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 06:39:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 02:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	188251	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	180552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72319	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	39723	1.614	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	32.200%#
7) Chloroethane-d5	1.584	69	50006	2.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	51.600%#
11) 1,1-Dichloroethene-d2	2.124	63	67393	1.703	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	34.000%#
20) 2-Butanone-d5	3.915	46	66443	36.177	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.360%
24) Chloroform-d	4.365	84	109410	3.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.600%#
26) 1,2-Dichloroethane-d4	5.047	65	45965	3.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.400%#
32) Benzene-d6	5.063	84	194763	2.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	55.400%#
36) 1,2-Dichloropropane-d6	6.079	67	67577	3.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.600%
41) Toluene-d8	7.320	98	147202	2.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	47.000%#
43) trans-1,3-Dichloroprop...	7.628	79	14636	2.389	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	47.800%#
46) 2-Hexanone-d5	8.091	63	80132	42.007	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.020%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42159	3.486	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	54045	3.334	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	66.600%#
Target Compounds						
					Qvalue	
6) Bromomethane	1.539	94	500	0.043	ug/L	88
9) Trichlorofluoromethane	1.770	101	113888	4.299	ug/L	99
16) Methylene chloride	2.526	84	2892	0.195	ug/L	87
18) trans-1,2-Dichloroethene	2.786	96	523	0.038	ug/L #	66
22) cis-1,2-Dichloroethene	3.937	96	7093	0.511	ug/L	98
25) Chloroform	4.387	83	2287	0.083	ug/L #	71
31) Carbon tetrachloride	4.844	117	2067	0.108	ug/L	87
34) Trichloroethene	5.921	95	7545367	511.621	ug/L	95
35) Methylcyclohexane	6.079	83	16155	0.810	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7161	0.506	ug/L #	87
39) cis-1,3-Dichloropropene	6.992	75	1121	0.071	ug/L #	73
47) Tetrachloroethene	7.976	164	244425	23.079	ug/L	98
49) Dibromochloromethane	7.976	129	226522	23.307	ug/L #	13
51) Chlorobenzene	8.889	112	1316	0.035	ug/L	93
54) o-Xylene	9.551	106	1376	0.065	ug/L	63
60) Isopropylbenzene	10.738	105	2074	0.044	ug/L #	93
61) 1,2,3-Trichloropropane	11.246	75	8855	1.596	ug/L #	61

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061222\
Data File : VV026187.D
Acq On : 13 Jun 2022 01:53
Operator : SY/MD
Sample : N3278-11 200X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 13 06:39:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 13 02:52:24 2022
Response via : Initial Calibration

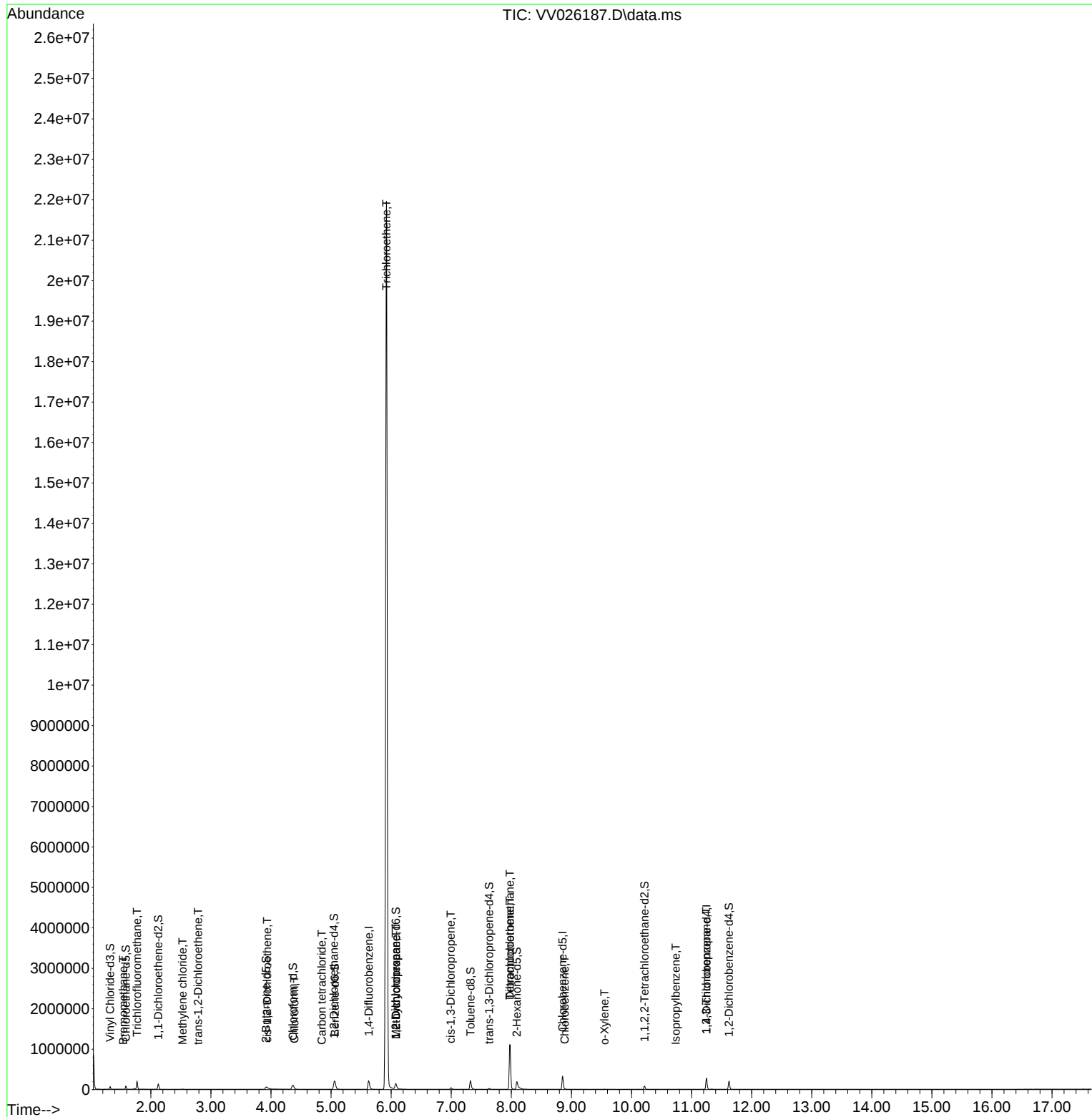
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

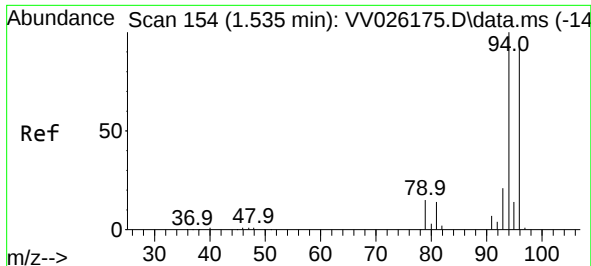
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061222\
Data File : VV026187.D
Acq On : 13 Jun 2022 01:53
Operator : SY/MD
Sample : N3278-11 200X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 13 06:39:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 13 02:52:24 2022
Response via : Initial Calibration

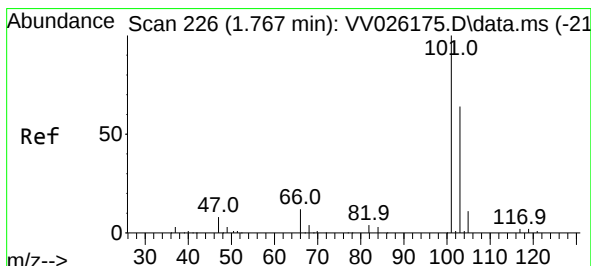
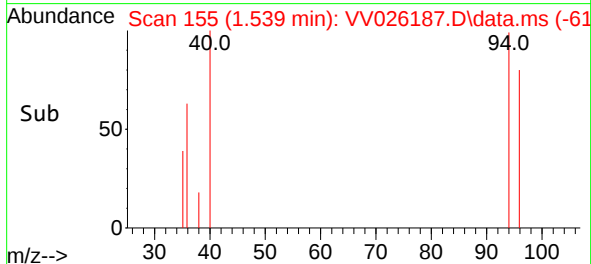
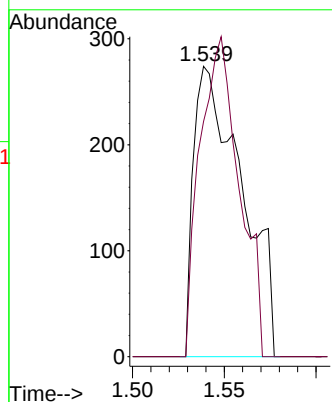
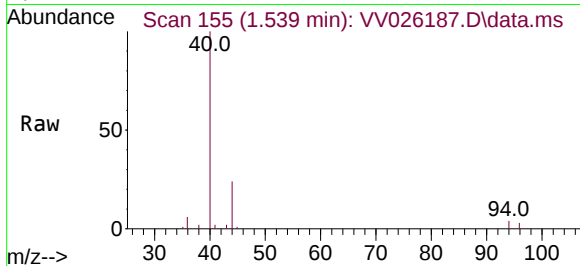




#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.539 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026187.D
Acq: 13 Jun 2022 01:53

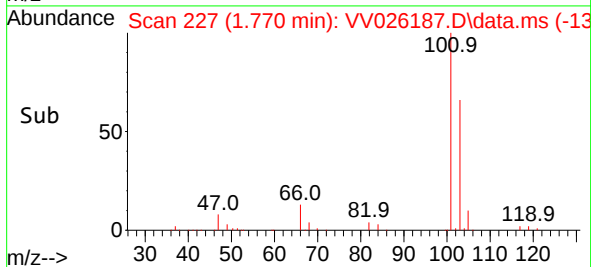
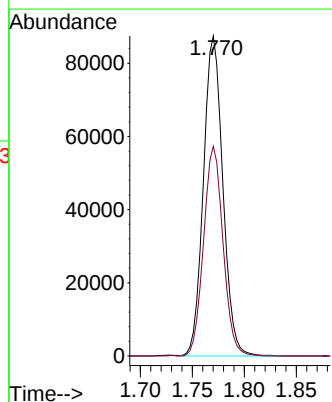
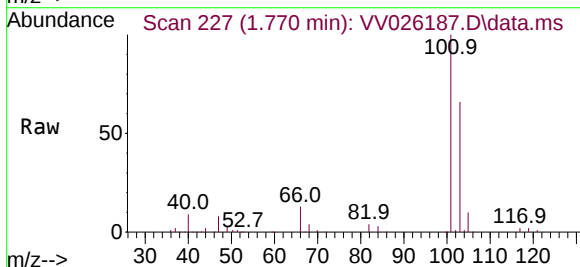
Instrument :
MSVOA_V
ClientSampleId :

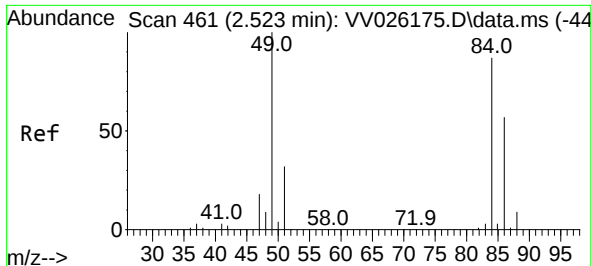
Tgt Ion: 94 Resp: 500
Ion Ratio Lower Upper
94 100
96 81.0 64.5 119.7



#9
Trichlorofluoromethane
Concen: 4.299 ug/L
RT: 1.770 min Scan# 227
Delta R.T. 0.003 min
Lab File: VV026187.D
Acq: 13 Jun 2022 01:53

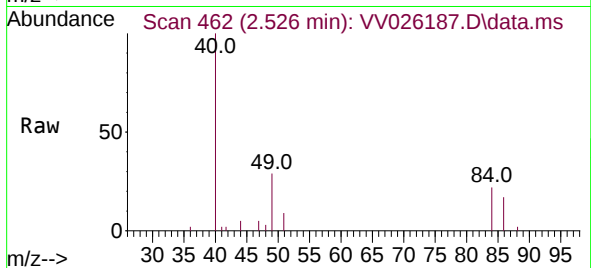
Tgt Ion:101 Resp: 113888
Ion Ratio Lower Upper
101 100
103 65.4 52.9 79.3





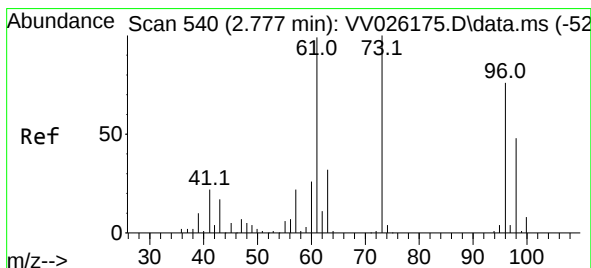
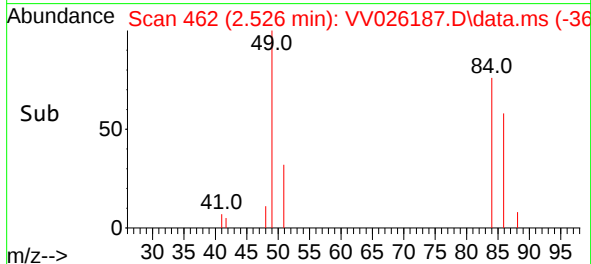
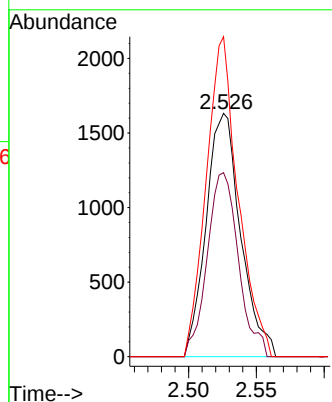
#16
Methylene chloride
Concen: 0.195 ug/L
RT: 2.526 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026187.D
Acq: 13 Jun 2022 01:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 2892

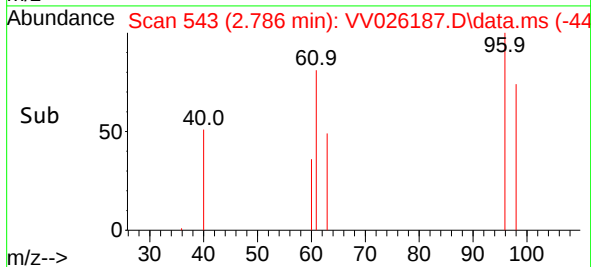
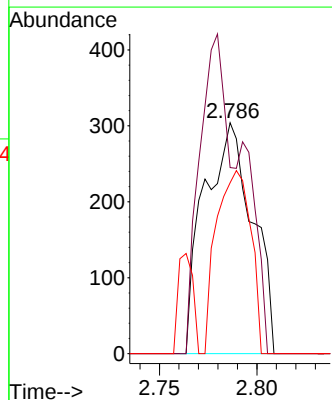
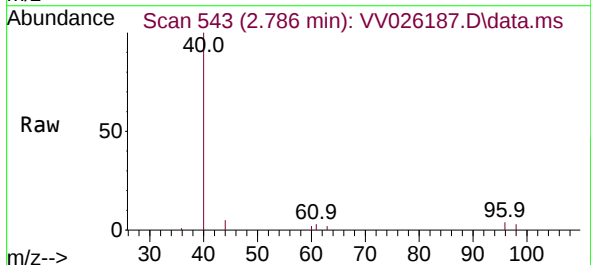
Ion	Ratio	Lower	Upper
84	100		
86	75.6	45.1	83.7
49	131.5	82.3	152.9

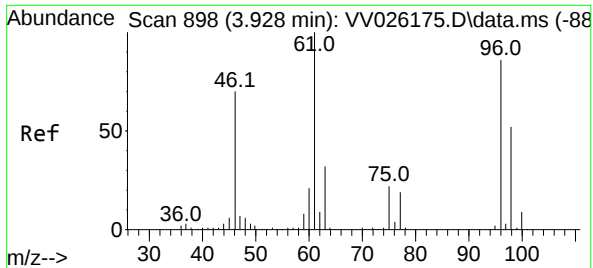


#18
trans-1,2-Dichloroethene
Concen: 0.038 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.010 min
Lab File: VV026187.D
Acq: 13 Jun 2022 01:53

Tgt Ion: 96 Resp: 523

Ion	Ratio	Lower	Upper
96	100		
61	80.6	93.5	173.7#
98	74.0	44.7	83.1





#22

cis-1,2-Dichloroethene

Concen: 0.511 ug/L

RT: 3.937 min Scan# 901

Delta R.T. 0.010 min

Lab File: VV026187.D

Acq: 13 Jun 2022 01:53

Instrument :

MSVOA_V

ClientSampleId :

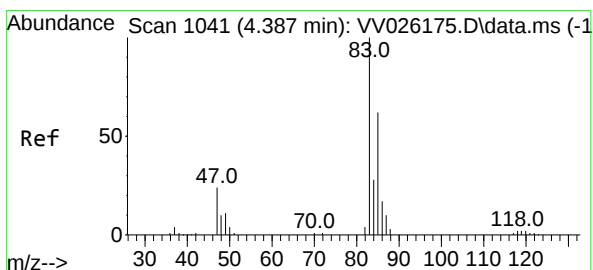
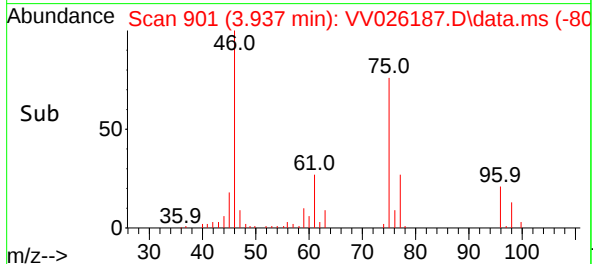
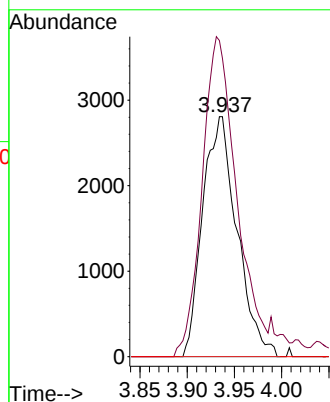
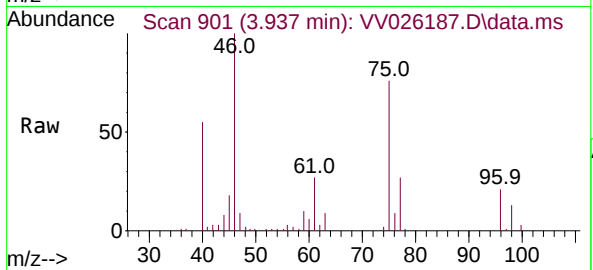
Tgt Ion: 96 Resp: 7093

Ion Ratio Lower Upper

96 100

61 124.3 85.2 158.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.083 ug/L

RT: 4.387 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VV026187.D

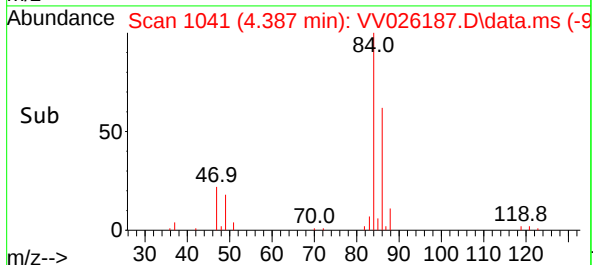
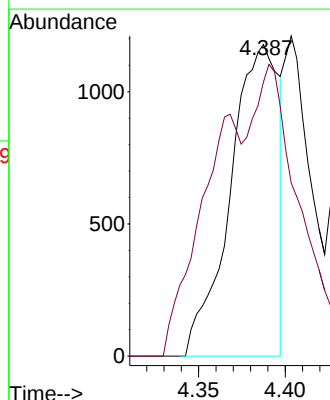
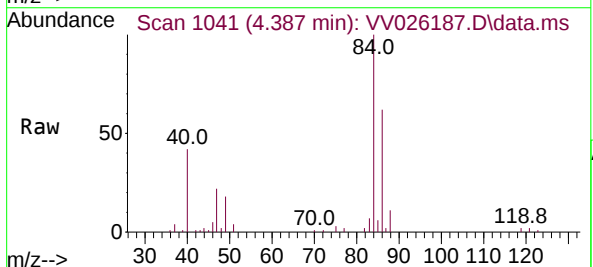
Acq: 13 Jun 2022 01:53

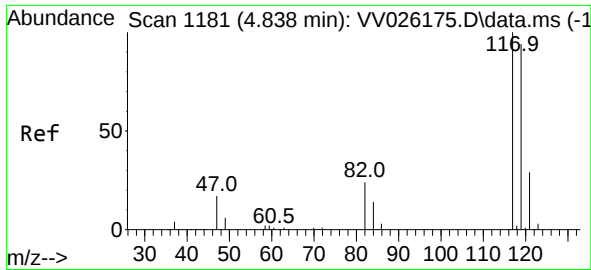
Tgt Ion: 83 Resp: 2287

Ion Ratio Lower Upper

83 100

85 87.9 45.3 84.1#

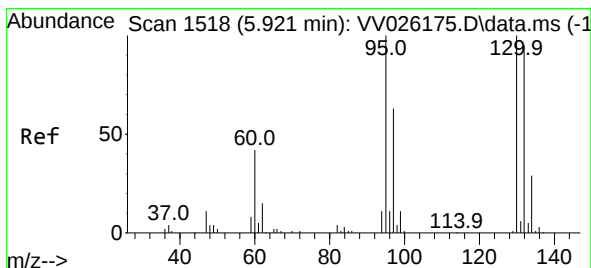
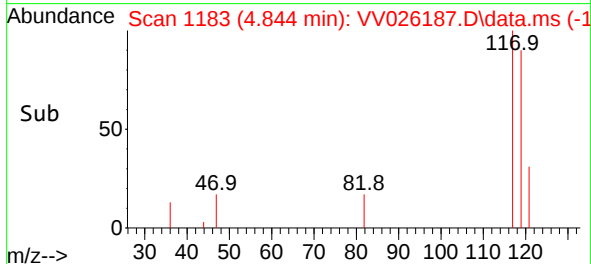
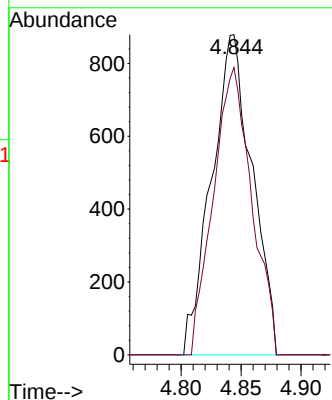
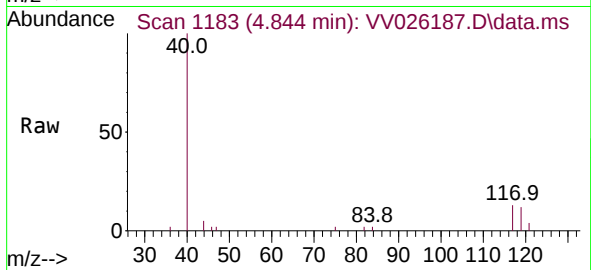




#31
Carbon tetrachloride
Concen: 0.108 ug/L
RT: 4.844 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VV026187.D
Acq: 13 Jun 2022 01:53

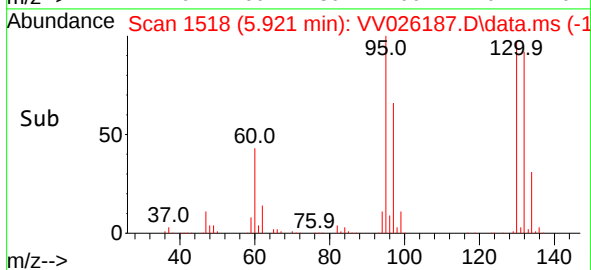
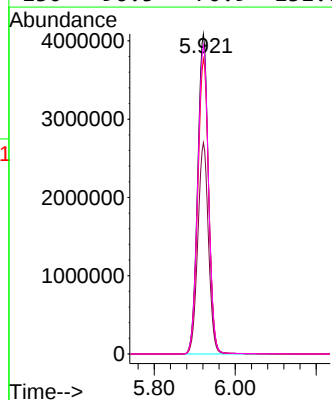
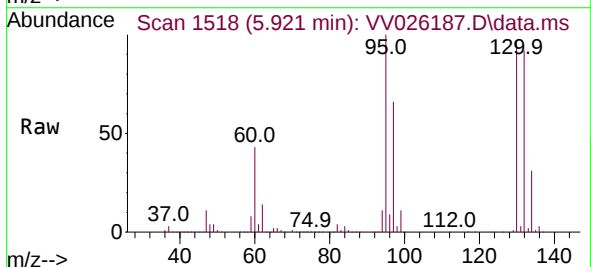
Instrument :
MSVOA_V
ClientSampleId :

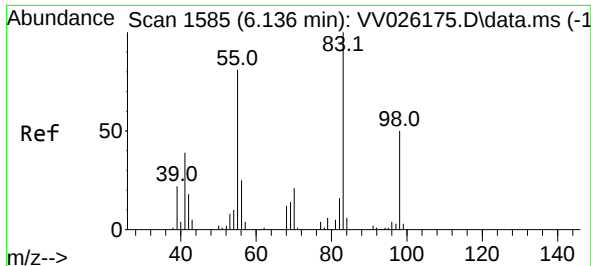
Tgt Ion:117 Resp: 2067
Ion Ratio Lower Upper
117 100
119 84.9 77.8 116.8



#34
Trichloroethene
Concen: 511.621 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VV026187.D
Acq: 13 Jun 2022 01:53

Tgt Ion: 95 Resp: 7545367
Ion Ratio Lower Upper
95 100
97 66.0 43.3 80.3
132 92.2 67.5 125.4
130 96.5 70.9 131.7

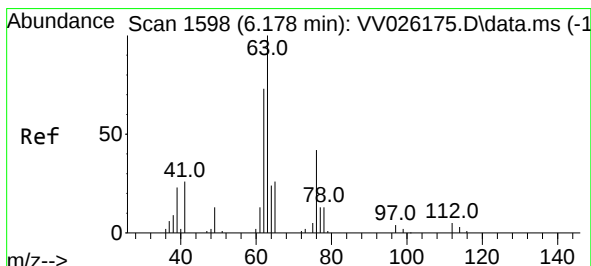
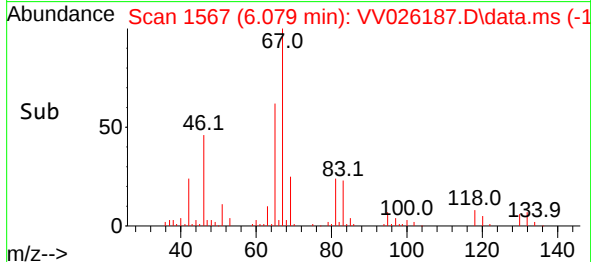
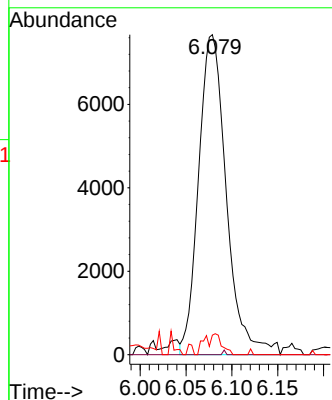
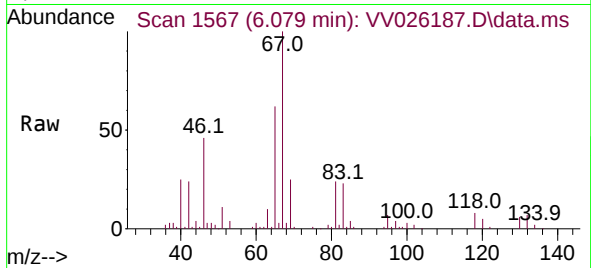




#35
Methylcyclohexane
Concen: 0.810 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.058 min
Lab File: VV026187.D
Acq: 13 Jun 2022 01:53

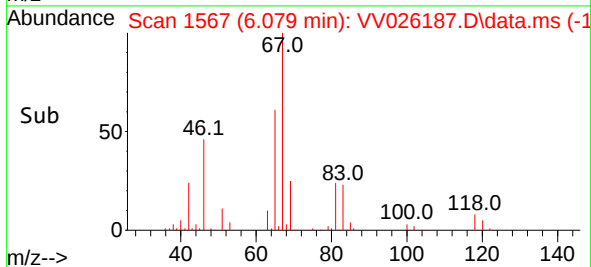
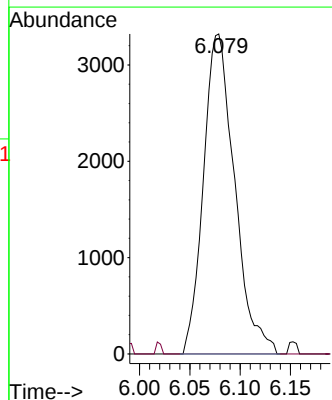
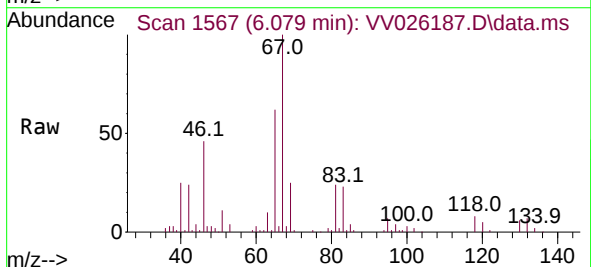
Instrument :
MSVOA_V
ClientSampleId :

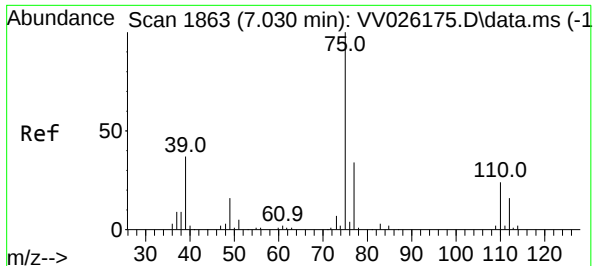
Tgt Ion: 83 Resp: 16155
Ion Ratio Lower Upper
83 100
55 0.1 59.5 89.3#
98 0.0 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.506 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.100 min
Lab File: VV026187.D
Acq: 13 Jun 2022 01:53

Tgt Ion: 63 Resp: 7161
Ion Ratio Lower Upper
63 100
112 0.6 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026187.D

Acq: 13 Jun 2022 01:53

Instrument :

MSVOA_V

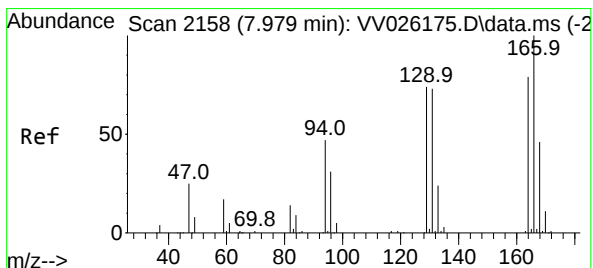
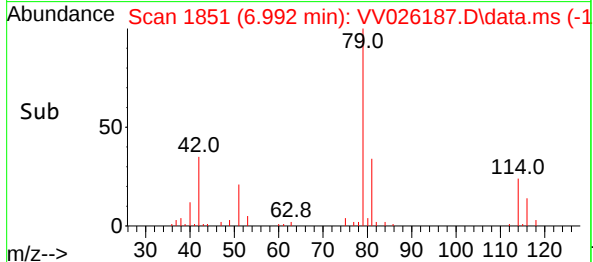
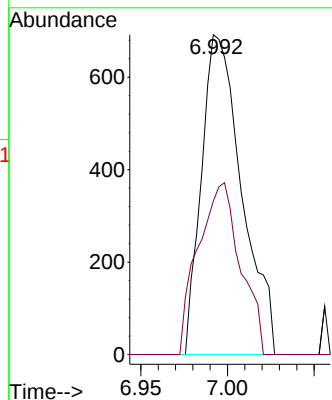
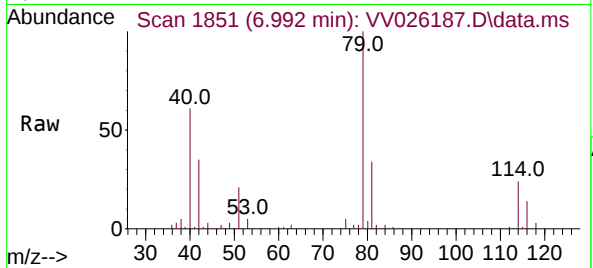
ClientSampleId :

Tgt Ion: 75 Resp: 1121

Ion Ratio Lower Upper

75 100

77 48.0 22.9 42.5#



#47

Tetrachloroethene

Concen: 23.079 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV026187.D

Acq: 13 Jun 2022 01:53

Tgt Ion: 164 Resp: 244425

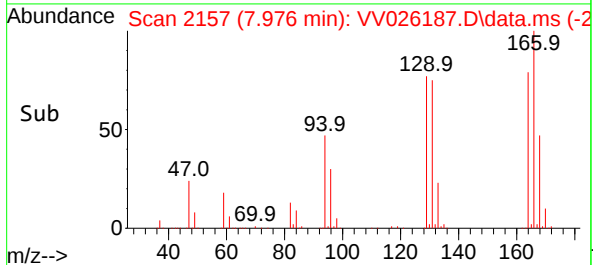
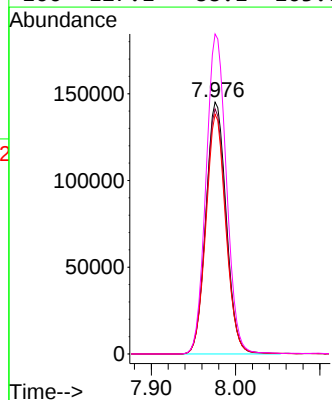
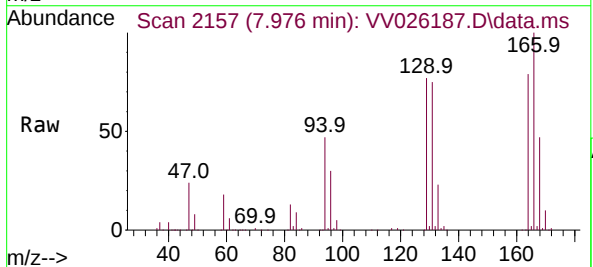
Ion Ratio Lower Upper

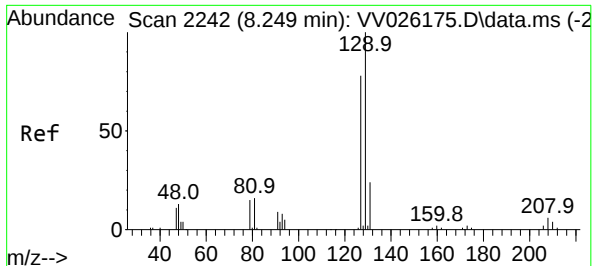
164 100

129 97.4 66.1 122.7

131 95.1 65.0 120.6

166 127.1 88.1 163.7





#49

Dibromochloromethane

Concen: 23.307 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV026187.D

Acq: 13 Jun 2022 01:53

Instrument :

MSVOA_V

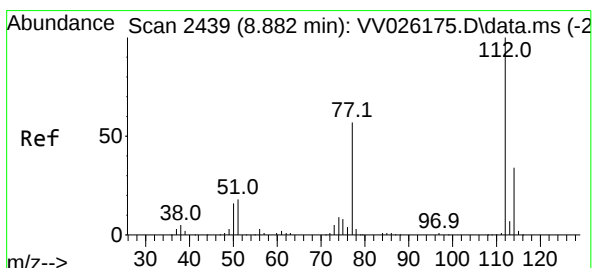
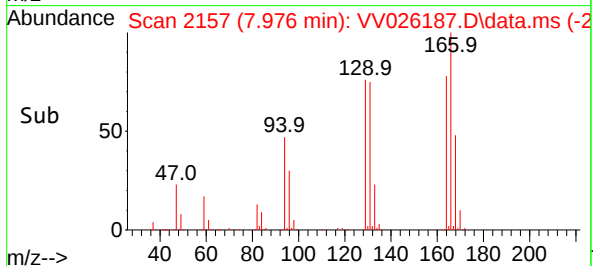
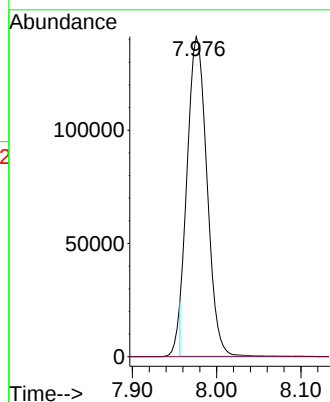
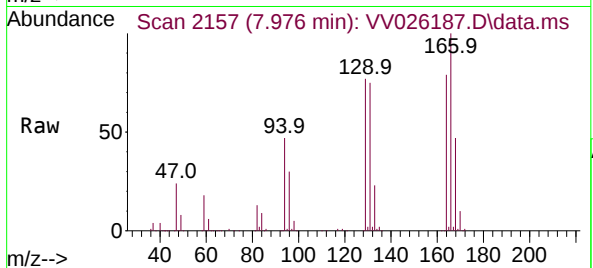
ClientSampleId :

Tgt Ion:129 Resp: 226522

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#



#51

Chlorobenzene

Concen: 0.035 ug/L

RT: 8.889 min Scan# 2441

Delta R.T. 0.006 min

Lab File: VV026187.D

Acq: 13 Jun 2022 01:53

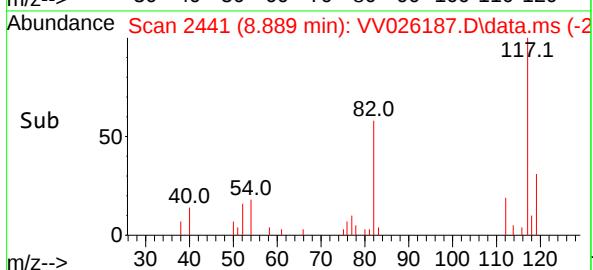
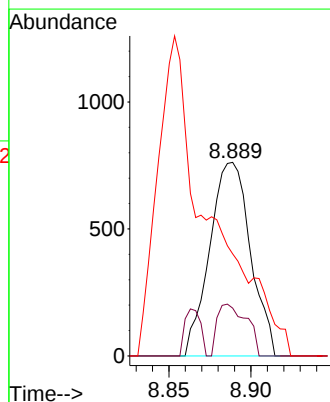
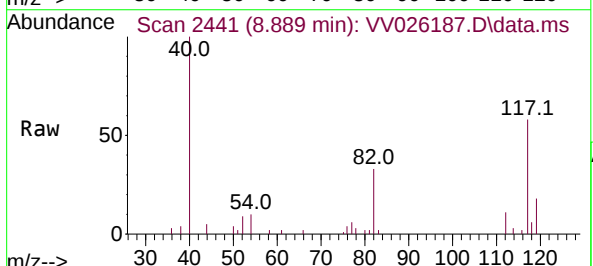
Tgt Ion:112 Resp: 1316

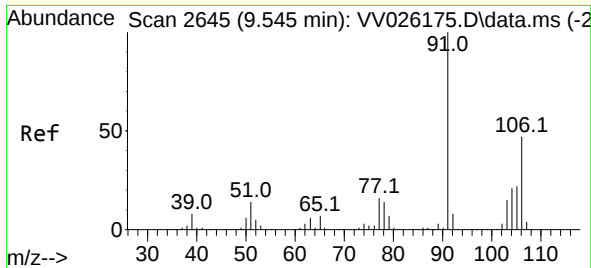
Ion Ratio Lower Upper

112 100

114 24.7 21.8 40.6

77 52.8 44.6 66.8

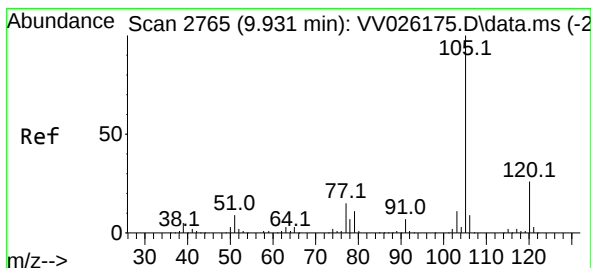
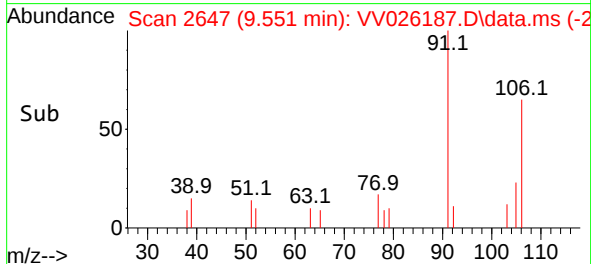
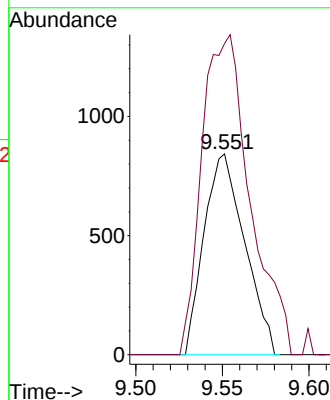
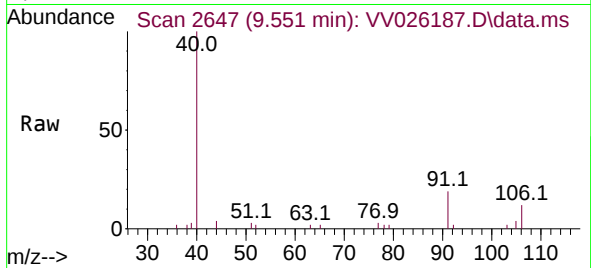




#54
o-Xylene
Concen: 0.065 ug/L
RT: 9.551 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VV026187.D
Acq: 13 Jun 2022 01:53

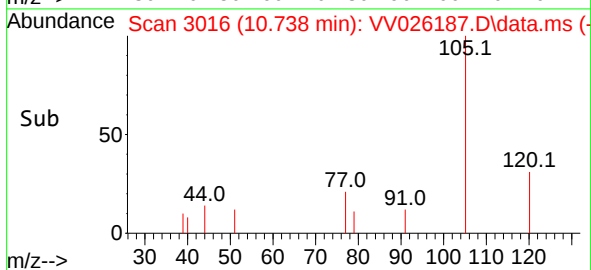
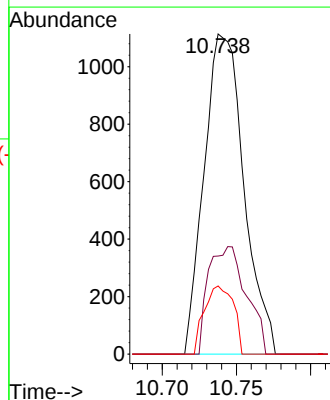
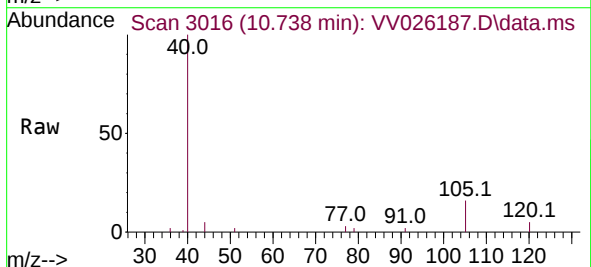
Instrument :
MSVOA_V
ClientSampleId :

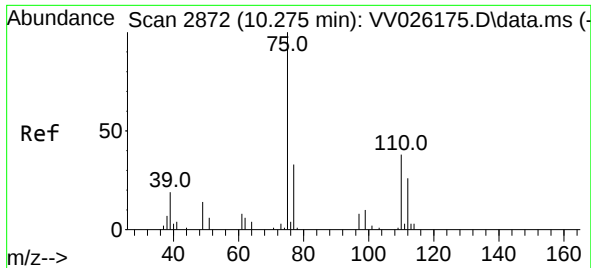
Tgt Ion:106 Resp: 1376
Ion Ratio Lower Upper
106 100
91 154.9 149.0 276.6



#60
Isopropylbenzene
Concen: 0.044 ug/L
RT: 10.738 min Scan# 3016
Delta R.T. 0.807 min
Lab File: VV026187.D
Acq: 13 Jun 2022 01:53

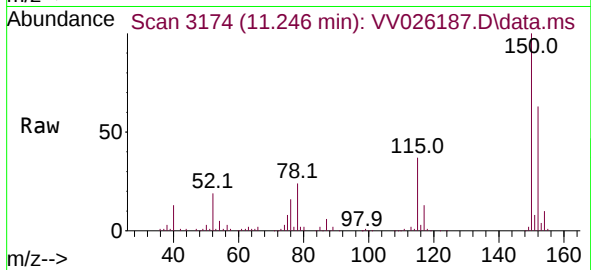
Tgt Ion:105 Resp: 2074
Ion Ratio Lower Upper
105 100
120 32.1 21.4 32.0#
77 15.5 12.4 18.6





#61
 1,2,3-Trichloropropane
 Concen: 1.596 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV026187.D
 Acq: 13 Jun 2022 01:53

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.0	27.8	41.8
110	1.9	33.0	49.4#

