

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061222\
 Data File : VW026188.D
 Acq On : 13 Jun 2022 02:17
 Operator : SY/MD
 Sample : N3278-12 200X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 06:39:45 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	183257	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	175017	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69947	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	38342	1.600	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	32.000%#
7) Chloroethane-d5	1.581	69	50017	2.650	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	53.000%#
11) 1,1-Dichloroethene-d2	2.124	63	64530	1.675	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	33.400%#
20) 2-Butanone-d5	3.915	46	74547	41.695	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.400%
24) Chloroform-d	4.362	84	107045	3.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.000%#
26) 1,2-Dichloroethane-d4	5.044	65	46307	3.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
32) Benzene-d6	5.060	84	192297	2.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	56.400%#
36) 1,2-Dichloropropane-d6	6.079	67	67430	3.427	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.600%
41) Toluene-d8	7.320	98	141357	2.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	46.600%#
43) trans-1,3-Dichloroprop...	7.629	79	14233	2.397	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	48.000%#
46) 2-Hexanone-d5	8.092	63	78256	42.321	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40892	3.488	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	50770	3.238	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	64.800%#
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.767	101	115338	4.472	ug/L	97
16) Methylene chloride	2.523	84	2820	0.195	ug/L	93
18) trans-1,2-Dichloroethene	2.783	96	566	0.042	ug/L	73
22) cis-1,2-Dichloroethene	3.931	96	7587	0.561	ug/L	98
25) Chloroform	4.391	83	3934	0.146	ug/L	96
31) Carbon tetrachloride	4.844	117	1832	0.099	ug/L	96
34) Trichloroethene	5.921	95	7883254	551.437	ug/L	95
35) Methylcyclohexane	6.076	83	16125	0.834	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	6762	0.493	ug/L #	86
47) Tetrachloroethene	7.976	164	239322	23.312	ug/L	98
49) Dibromochloromethane	7.976	129	219725	23.323	ug/L #	13
51) Chlorobenzene	8.889	112	1228	0.034	ug/L	95
54) o-Xylene	9.545	106	1191	0.058	ug/L	86
60) Isopropylbenzene	10.741	105	2189	0.048	ug/L #	90
61) 1,2,3-Trichloropropane	11.249	75	8424	1.570	ug/L #	64
62) 1,3,5-Trimethylbenzene	11.336	105	4394	0.122	ug/L	88
63) 1,2,4-Trimethylbenzene	11.336	105	4394	0.124	ug/L	93

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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

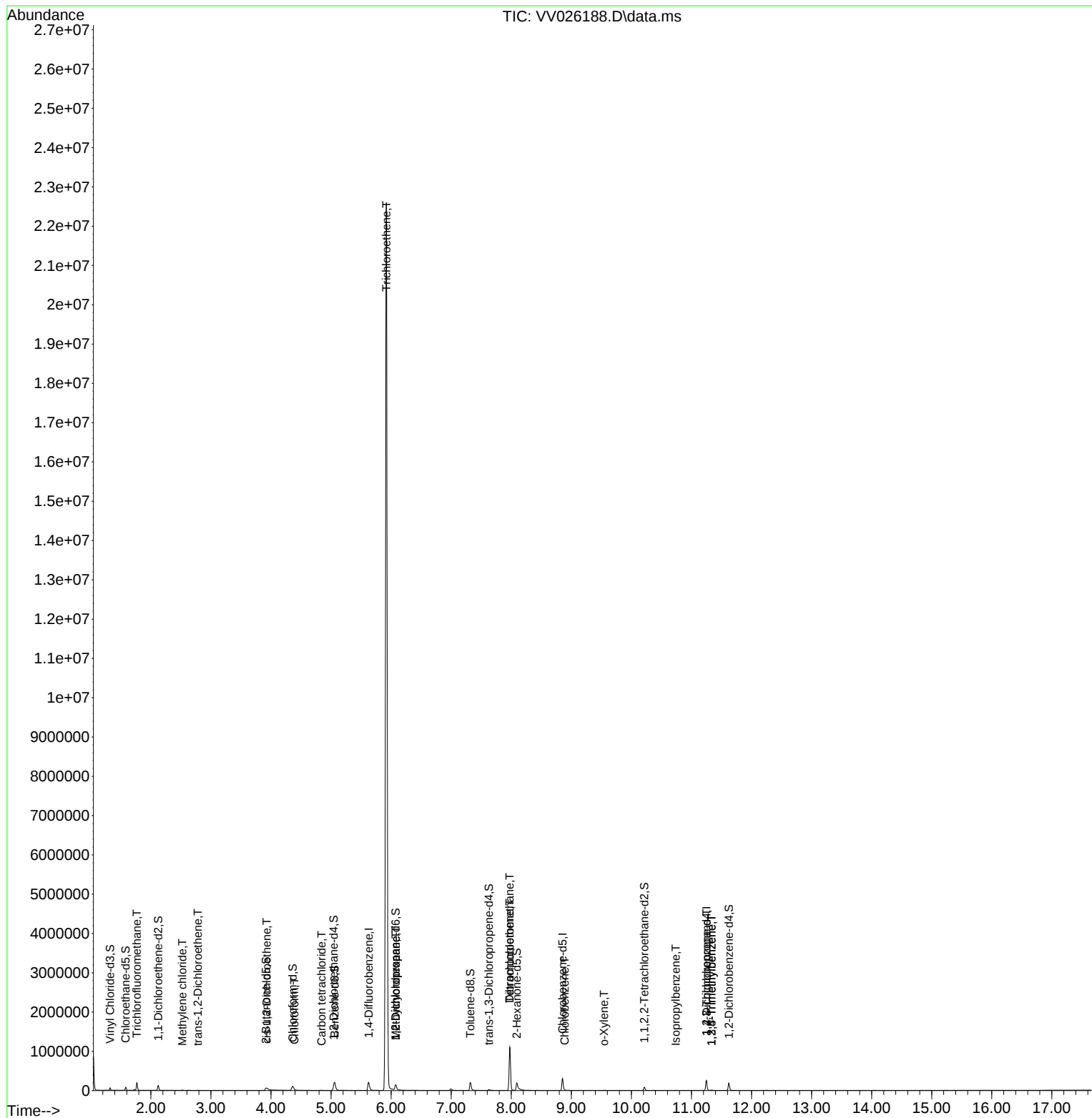
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

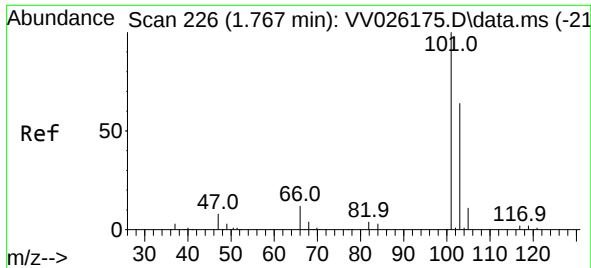
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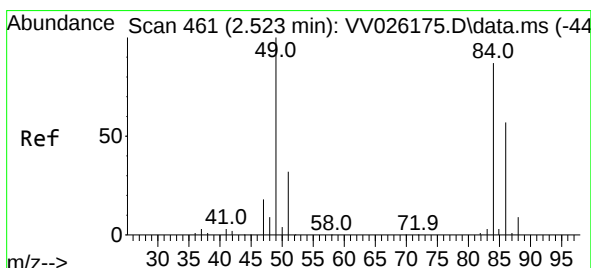
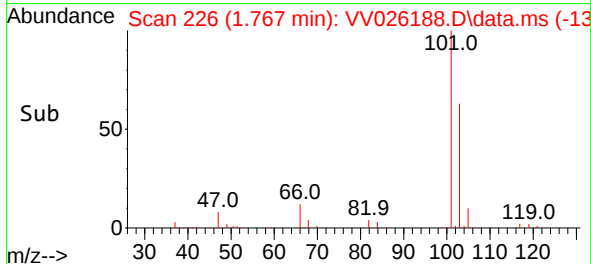
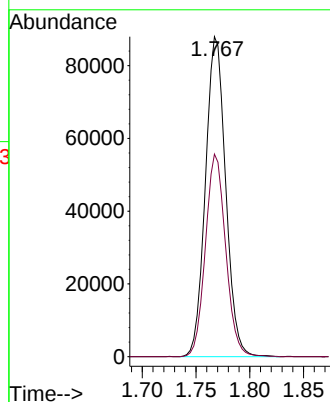
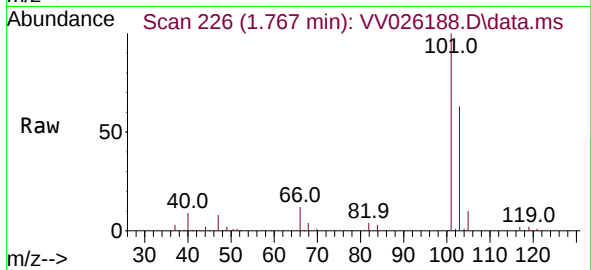




#9
Trichlorofluoromethane
Concen: 4.472 ug/L
RT: 1.767 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026188.D
Acq: 13 Jun 2022 02:17

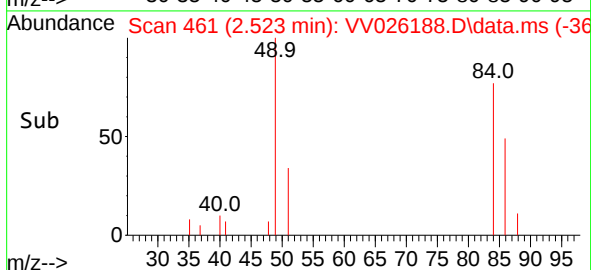
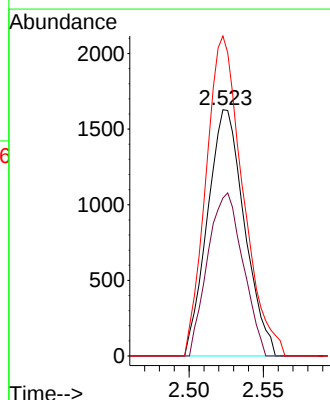
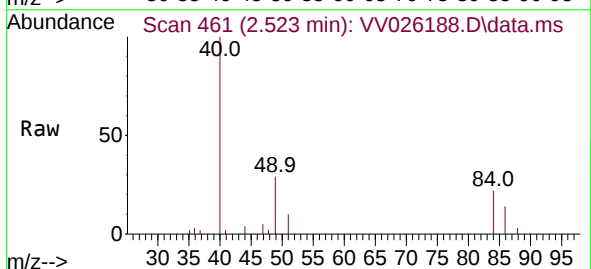
Instrument :
MSVOA_V
ClientSampleId :

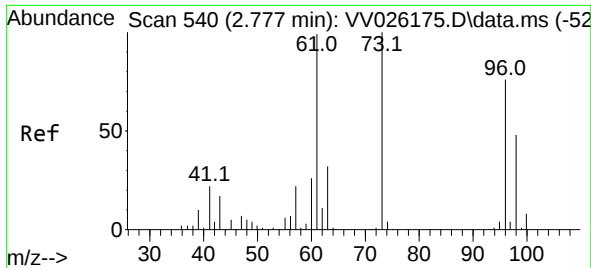
Tgt Ion:101 Resp: 115338
Ion Ratio Lower Upper
101 100
103 63.4 52.9 79.3



#16
Methylene chloride
Concen: 0.195 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.000 min
Lab File: VV026188.D
Acq: 13 Jun 2022 02:17

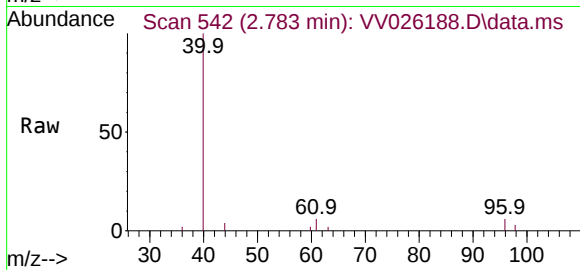
Tgt Ion: 84 Resp: 2820
Ion Ratio Lower Upper
84 100
86 64.1 45.1 83.7
49 130.0 82.3 152.9



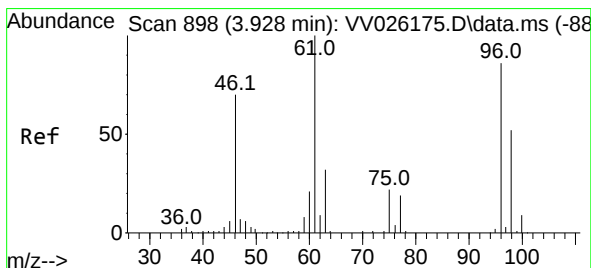
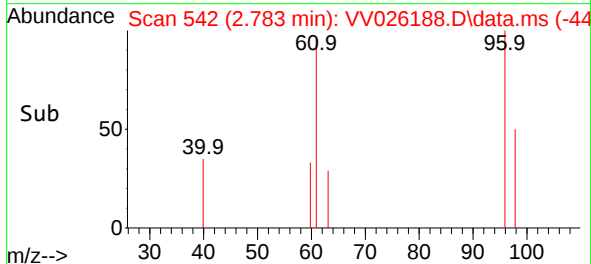
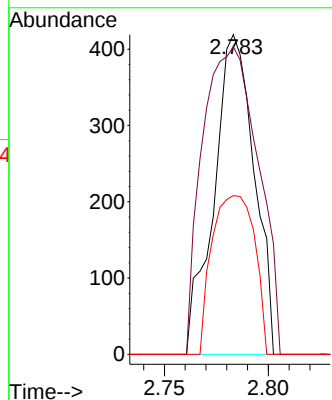


#18
trans-1,2-Dichloroethene
Concen: 0.042 ug/L
RT: 2.783 min Scan# 540
Delta R.T. 0.007 min
Lab File: VV026188.D
Acq: 13 Jun 2022 02:17

Instrument :
MSVOA_V
ClientSampleId :

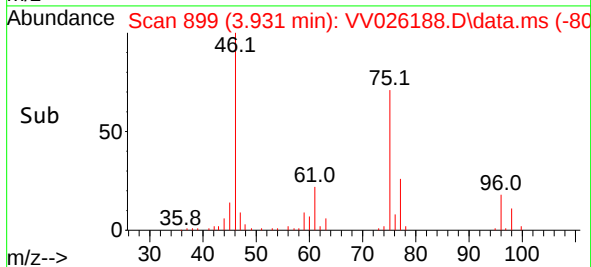
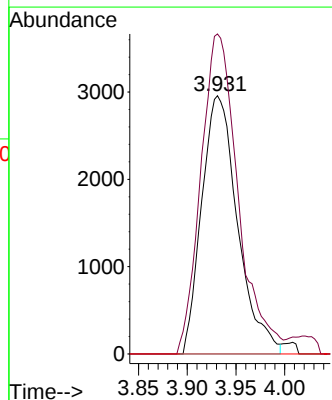
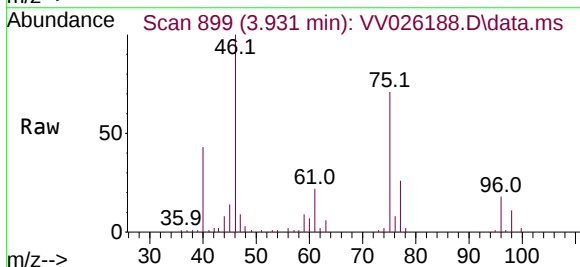


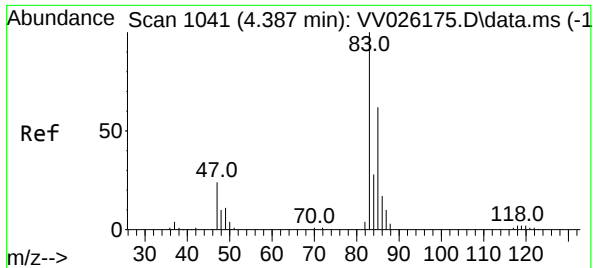
Tgt Ion: 96 Resp: 566
Ion Ratio Lower Upper
96 100
61 96.2 93.5 173.7
98 49.6 44.7 83.1



#22
cis-1,2-Dichloroethene
Concen: 0.561 ug/L
RT: 3.931 min Scan# 899
Delta R.T. 0.003 min
Lab File: VV026188.D
Acq: 13 Jun 2022 02:17

Tgt Ion: 96 Resp: 7587
Ion Ratio Lower Upper
96 100
61 123.9 85.2 158.2
68 0.0 0.0 0.0

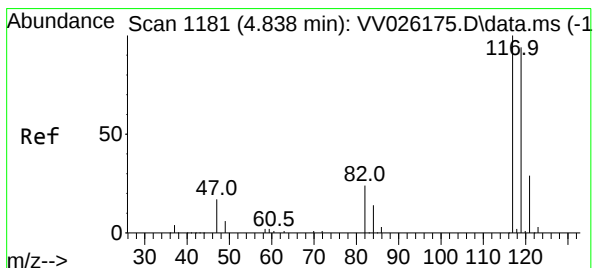
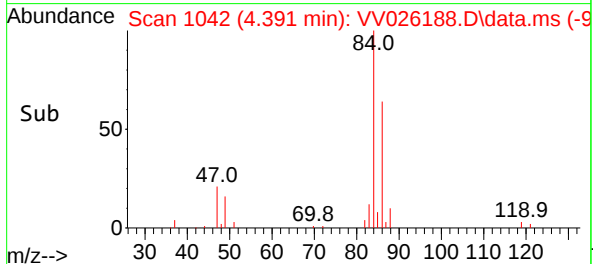
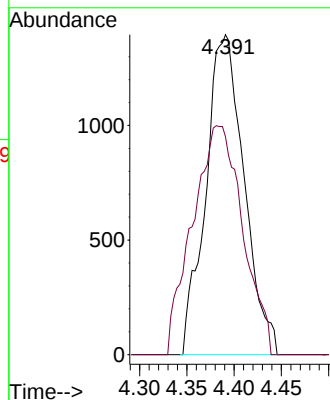
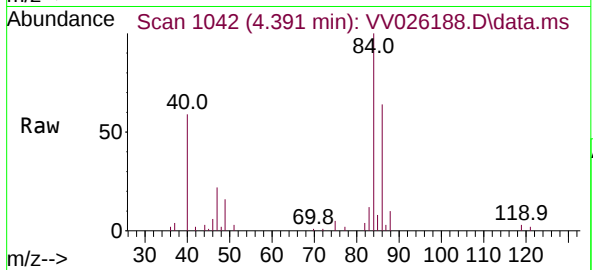




#25
Chloroform
Concen: 0.146 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. 0.003 min
Lab File: VV026188.D
Acq: 13 Jun 2022 02:17

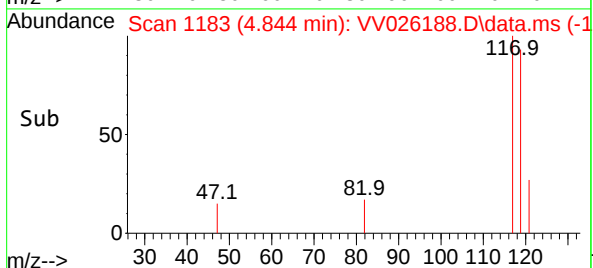
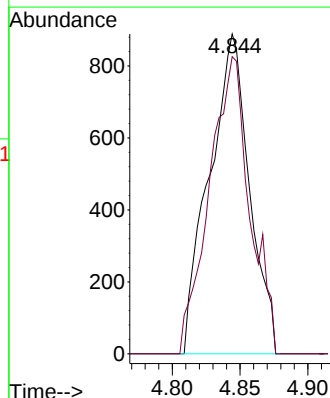
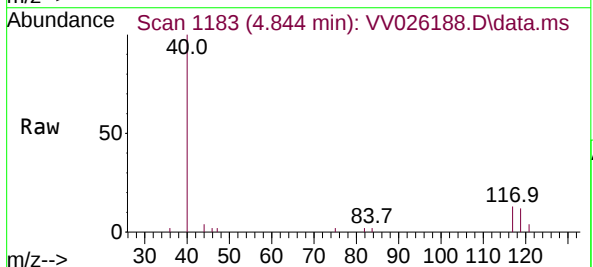
Instrument :
MSVOA_V
ClientSampleId :

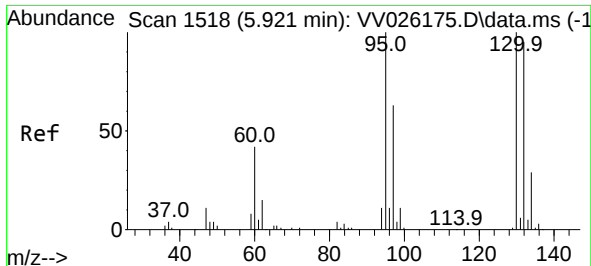
Tgt Ion: 83 Resp: 3934
Ion Ratio Lower Upper
83 100
85 68.1 45.3 84.1



#31
Carbon tetrachloride
Concen: 0.099 ug/L
RT: 4.844 min Scan# 1183
Delta R.T. 0.007 min
Lab File: VV026188.D
Acq: 13 Jun 2022 02:17

Tgt Ion: 117 Resp: 1832
Ion Ratio Lower Upper
117 100
119 93.7 77.8 116.8

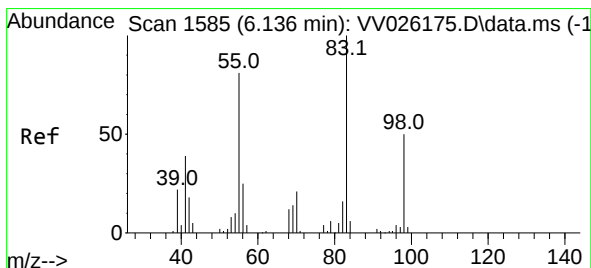
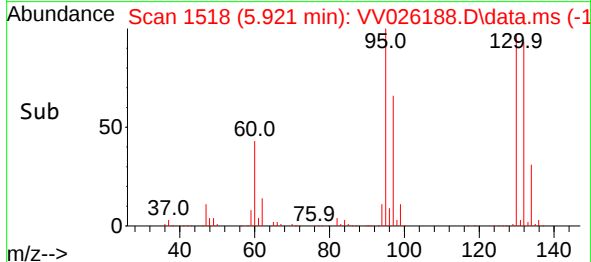
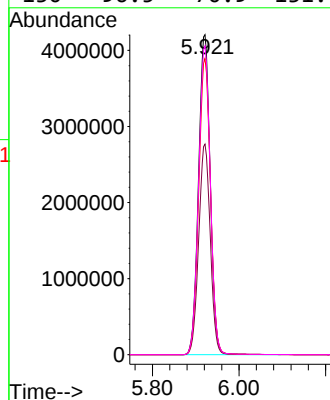
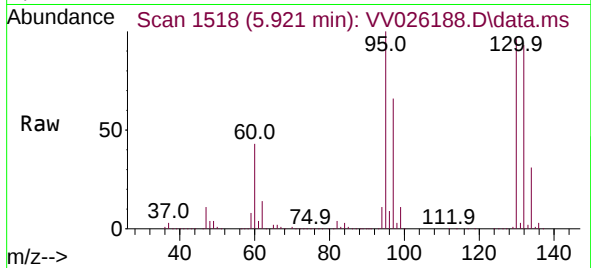




#34
Trichloroethene
Concen: 551.437 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VV026188.D
Acq: 13 Jun 2022 02:17

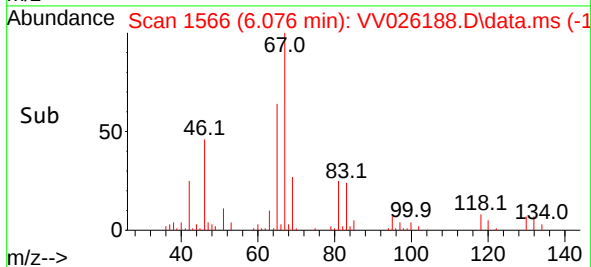
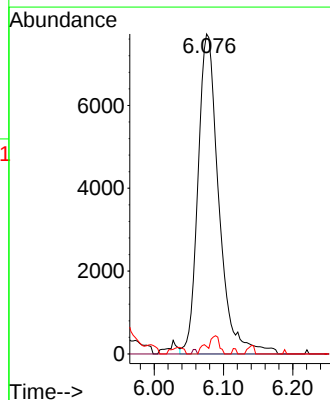
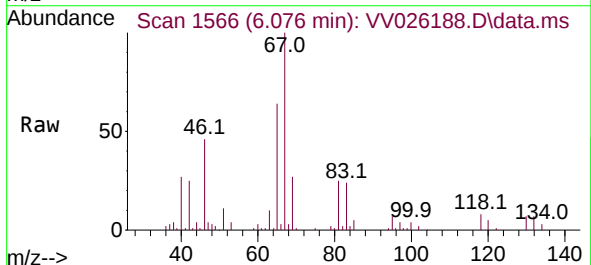
Instrument :
MSVOA_V
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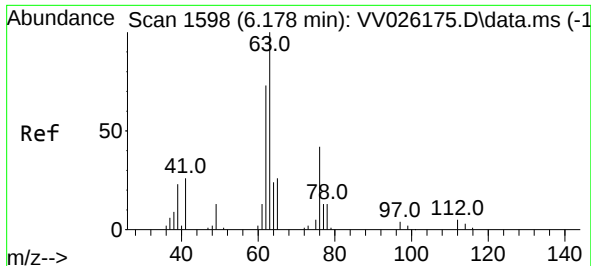
Tgt Ion: 95 Resp: 7883254
Ion Ratio Lower Upper
95 100
97 65.8 43.3 80.3
132 92.5 67.5 125.4
130 96.5 70.9 131.7



#35
Methylcyclohexane
Concen: 0.834 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.061 min
Lab File: VV026188.D
Acq: 13 Jun 2022 02:17

Tgt Ion: 83 Resp: 16125
Ion Ratio Lower Upper
83 100
55 0.3 59.5 89.3#
98 0.0 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.493 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026188.D

Acq: 13 Jun 2022 02:17

Instrument :

MSVOA_V

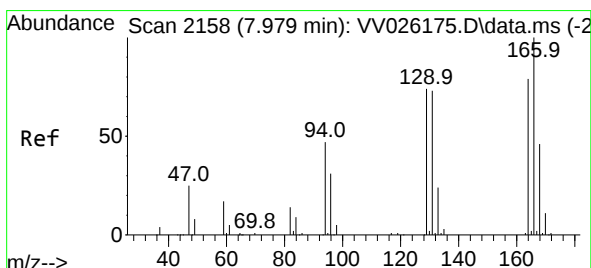
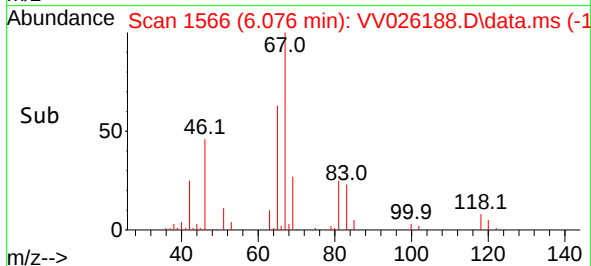
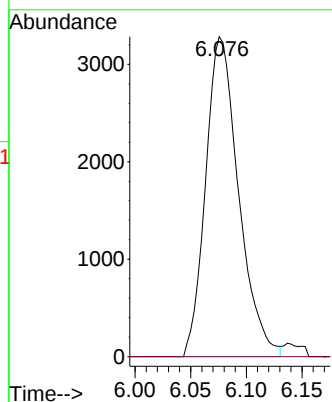
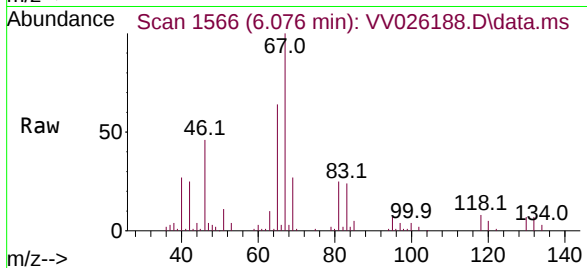
ClientSampleId :

Tgt Ion: 63 Resp: 6762

Ion Ratio Lower Upper

63 100

112 0.3 3.9 5.9#



#47

Tetrachloroethene

Concen: 23.312 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV026188.D

Acq: 13 Jun 2022 02:17

Tgt Ion: 164 Resp: 239322

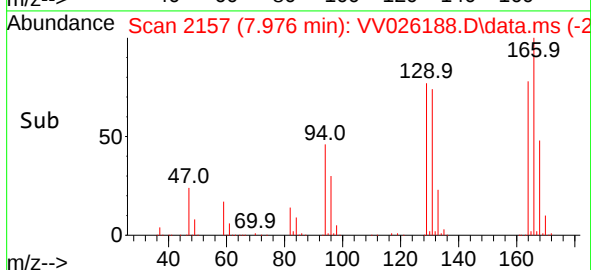
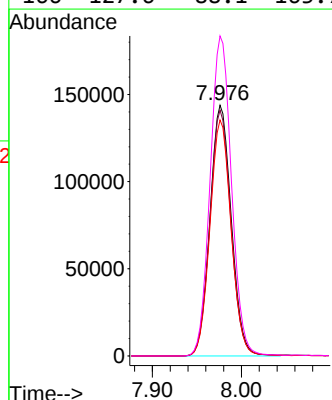
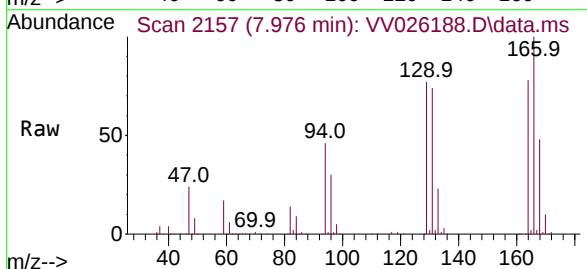
Ion Ratio Lower Upper

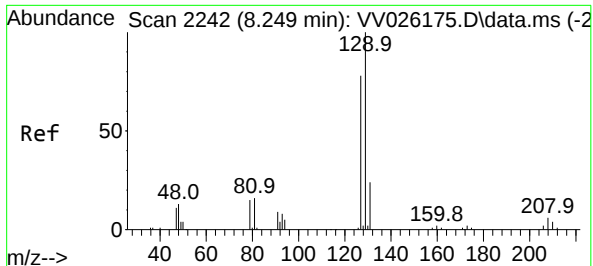
164 100

129 98.0 66.1 122.7

131 94.1 65.0 120.6

166 127.6 88.1 163.7





#49

Dibromochloromethane

Concen: 23.323 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV026188.D

Acq: 13 Jun 2022 02:17

Instrument :

MSVOA_V

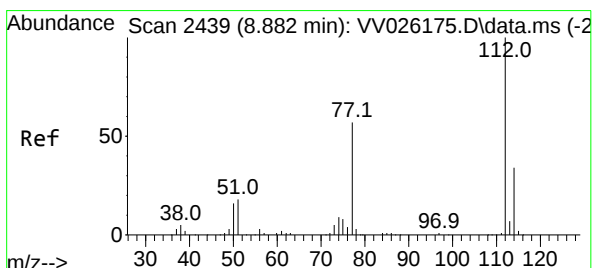
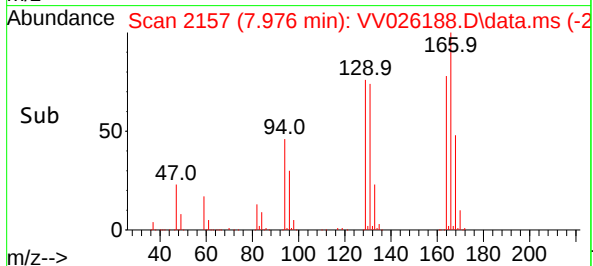
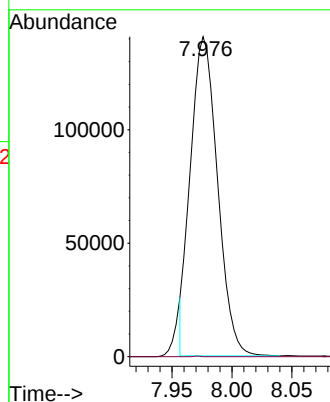
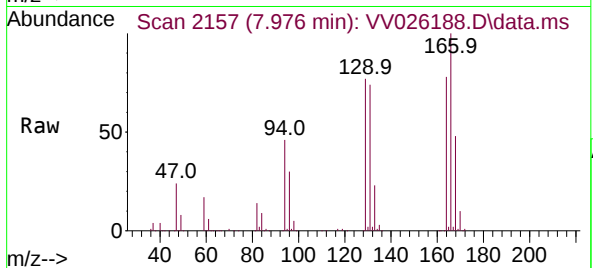
ClientSampleId :

Tgt Ion:129 Resp: 219725

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#



#51

Chlorobenzene

Concen: 0.034 ug/L

RT: 8.889 min Scan# 2441

Delta R.T. 0.007 min

Lab File: VV026188.D

Acq: 13 Jun 2022 02:17

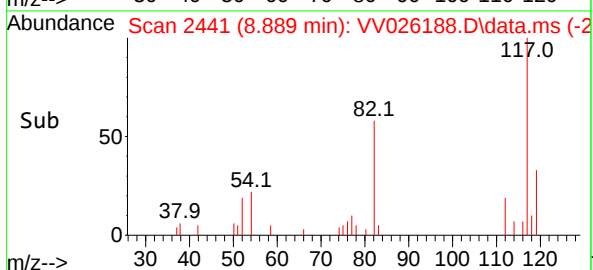
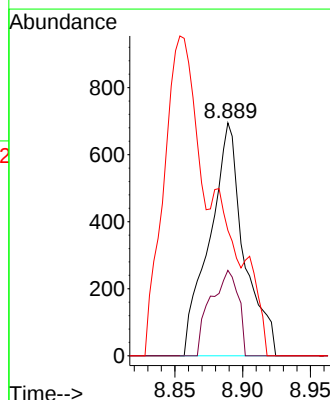
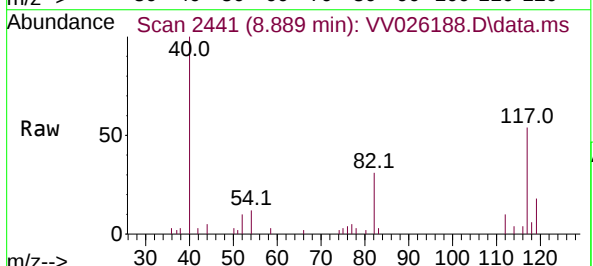
Tgt Ion:112 Resp: 1228

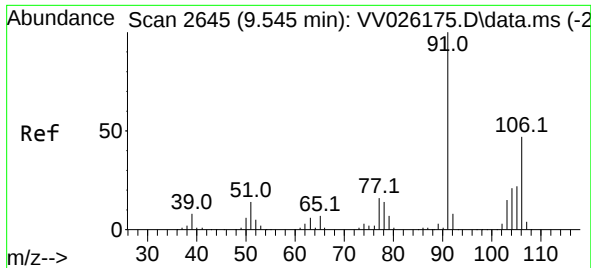
Ion Ratio Lower Upper

112 100

114 36.7 21.8 40.6

77 53.8 44.6 66.8

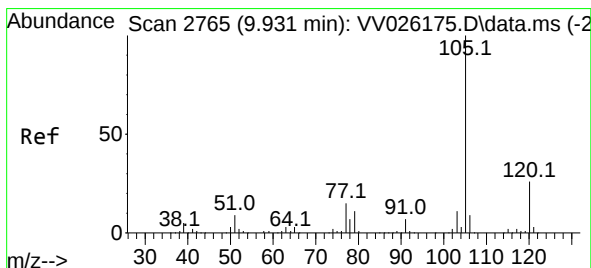
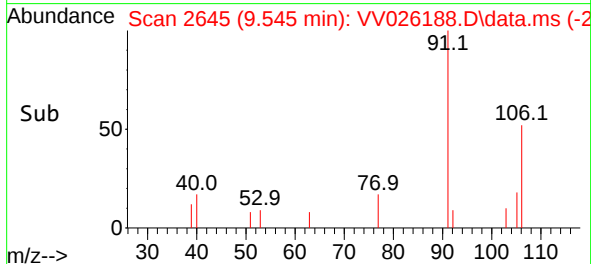
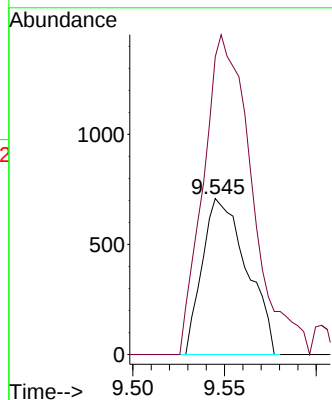
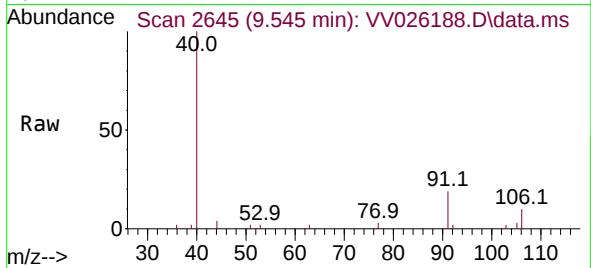




#54
o-Xylene
Concen: 0.058 ug/L
RT: 9.545 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV026188.D
Acq: 13 Jun 2022 02:17

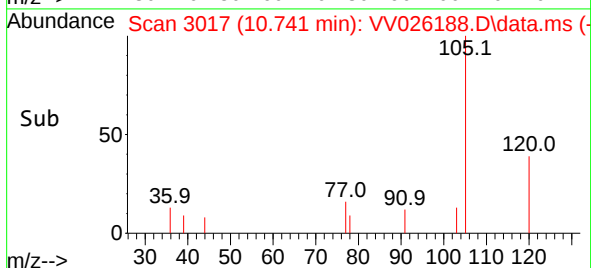
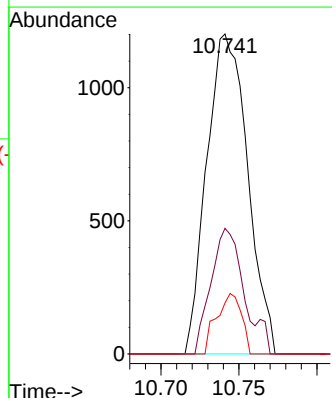
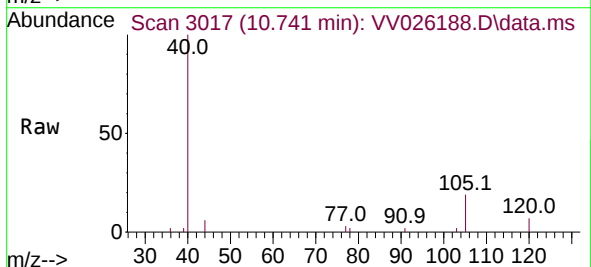
Instrument :
MSVOA_V
ClientSampleId :

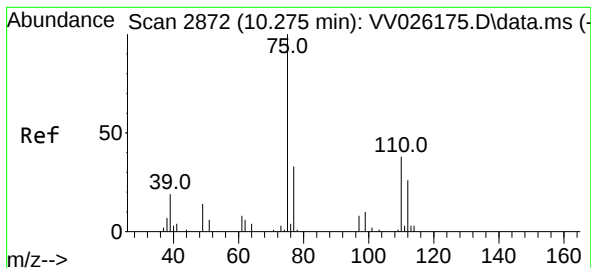
Tgt Ion:106 Resp: 1191
Ion Ratio Lower Upper
106 100
91 190.7 149.0 276.6



#60
Isopropylbenzene
Concen: 0.048 ug/L
RT: 10.741 min Scan# 3017
Delta R.T. 0.810 min
Lab File: VV026188.D
Acq: 13 Jun 2022 02:17

Tgt Ion:105 Resp: 2189
Ion Ratio Lower Upper
105 100
120 32.0 21.4 32.0
77 11.5 12.4 18.6#





#61

1,2,3-Trichloropropane

Concen: 1.570 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV026188.D

Acq: 13 Jun 2022 02:17

Instrument :

MSVOA_V

ClientSampleId :

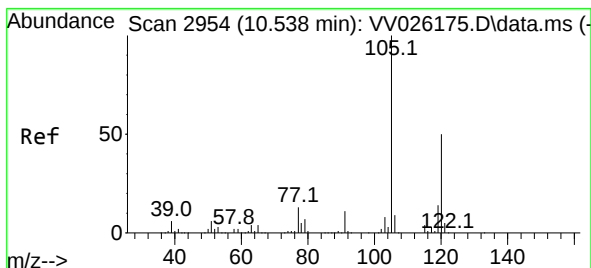
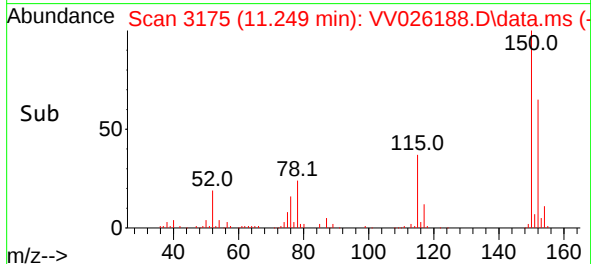
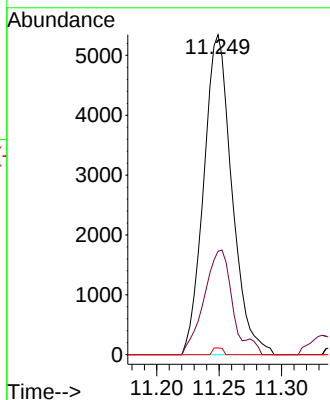
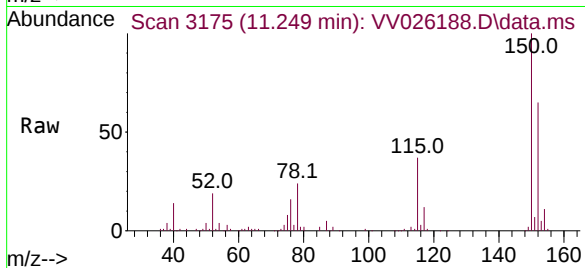
Tgt Ion: 75 Resp: 8424

Ion Ratio Lower Upper

75 100

77 33.1 27.8 41.8

110 0.8 33.0 49.4#



#62

1,3,5-Trimethylbenzene

Concen: 0.122 ug/L

RT: 11.336 min Scan# 3202

Delta R.T. 0.798 min

Lab File: VV026188.D

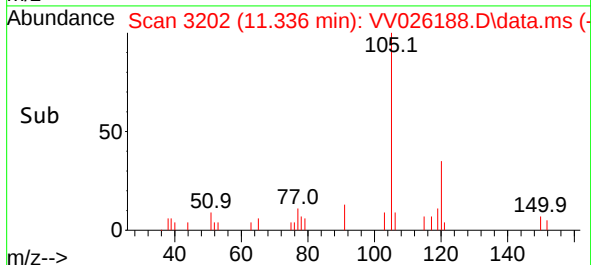
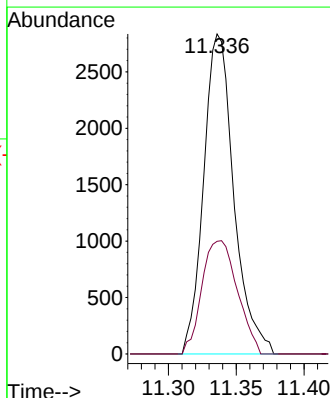
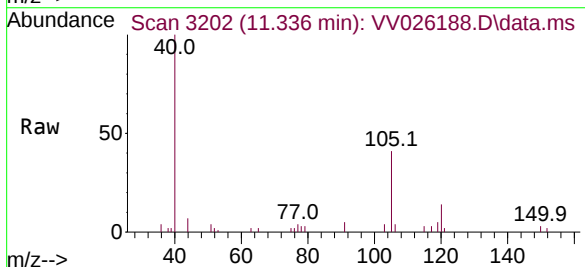
Acq: 13 Jun 2022 02:17

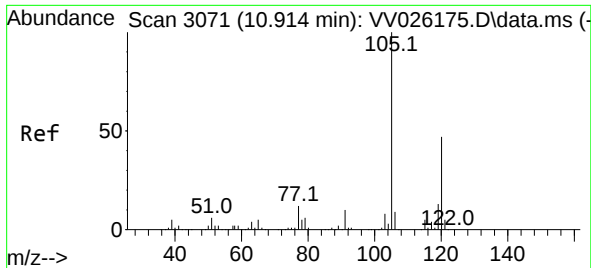
Tgt Ion: 105 Resp: 4394

Ion Ratio Lower Upper

105 100

120 41.5 40.1 60.1





#63

1,2,4-Trimethylbenzene

Concen: 0.124 ug/L

RT: 11.336 min Scan# 31

Delta R.T. 0.421 min

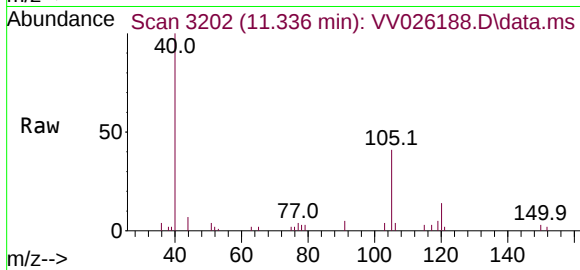
Lab File: VV026188.D

Acq: 13 Jun 2022 02:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:105 Resp: 4394

Ion Ratio Lower Upper

105 100

120 41.5 36.9 55.3

