

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061222\
 Data File : VW026189.D
 Acq On : 13 Jun 2022 02:41
 Operator : SY/MD
 Sample : N3278-13 200X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 06:39:59 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)

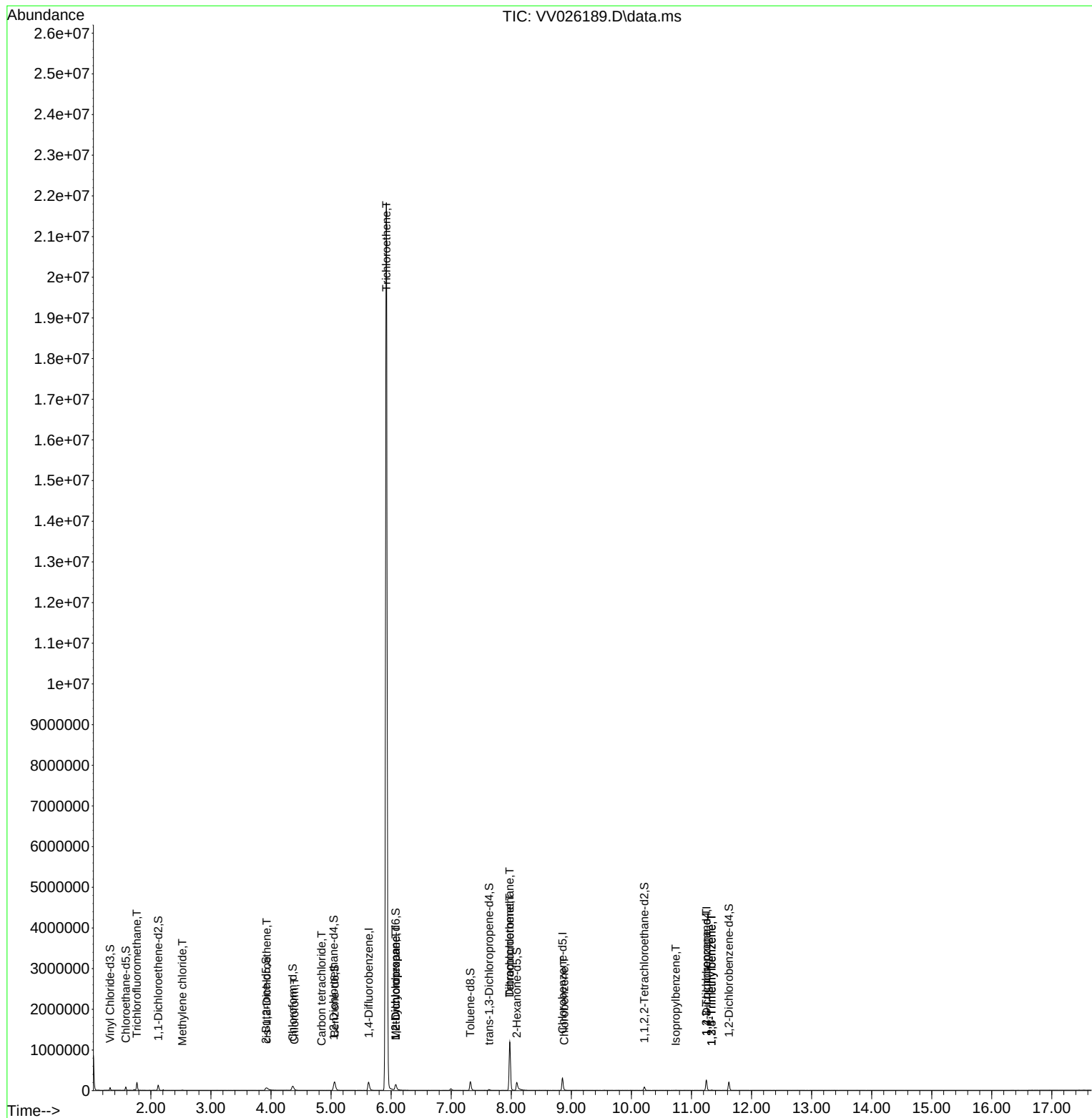
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	180174	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	175711	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69137	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	39981	1.697	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	34.000%#
7) Chloroethane-d5	1.584	69	50958	2.746	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	55.000%#
11) 1,1-Dichloroethene-d2	2.124	63	66624	1.759	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	35.200%#
20) 2-Butanone-d5	3.918	46	71650	40.761	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.520%
24) Chloroform-d	4.362	84	109873	3.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.800%#
26) 1,2-Dichloroethane-d4	5.044	65	47660	3.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
32) Benzene-d6	5.060	84	196205	2.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	57.200%#
36) 1,2-Dichloropropane-d6	6.076	67	67026	3.393	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.800%
41) Toluene-d8	7.320	98	149039	2.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	48.800%#
43) trans-1,3-Dichloroprop...	7.632	79	14131	2.370	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	47.400%#
46) 2-Hexanone-d5	8.092	63	79144	42.632	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42375	3.601	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	53640	3.461	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	69.200%#
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.767	101	110898	4.374	ug/L	98
16) Methylene chloride	2.523	84	2871	0.202	ug/L	93
22) cis-1,2-Dichloroethene	3.931	96	6960	0.524	ug/L	91
25) Chloroform	4.391	83	3677	0.139	ug/L	98
31) Carbon tetrachloride	4.841	117	1788	0.096	ug/L	97
34) Trichloroethene	5.921	95	7546179	525.774	ug/L	95
35) Methylcyclohexane	6.076	83	15620	0.805	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7675	0.557	ug/L #	91
47) Tetrachloroethene	7.976	164	260233	25.249	ug/L	99
49) Dibromochloromethane	7.976	129	238625	25.229	ug/L #	13
51) Chlorobenzene	8.883	112	1310	0.036	ug/L #	79
60) Isopropylbenzene	10.741	105	2127	0.047	ug/L #	91
61) 1,2,3-Trichloropropane	11.246	75	7766	1.464	ug/L #	65
62) 1,3,5-Trimethylbenzene	11.336	105	4821	0.135	ug/L	89
63) 1,2,4-Trimethylbenzene	11.336	105	4821	0.137	ug/L	94

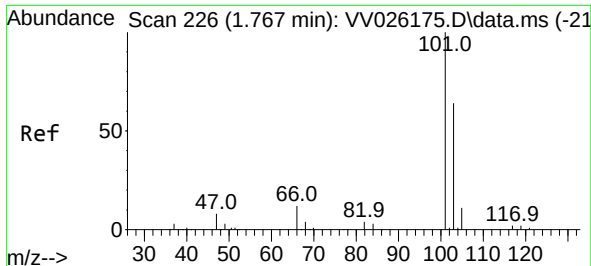
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 13 02:52:24 2022
Response via : Initial Calibration

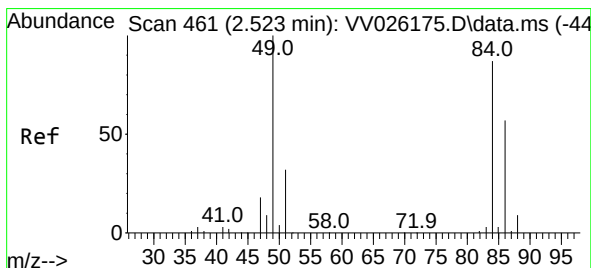
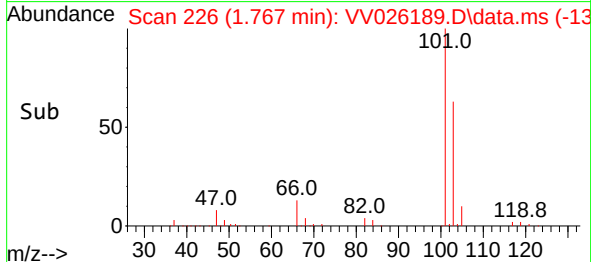
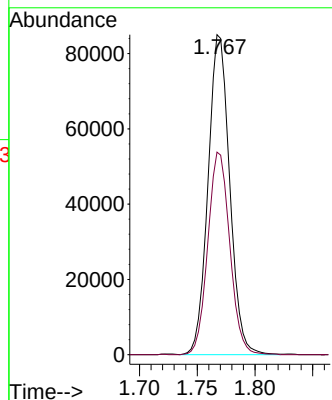
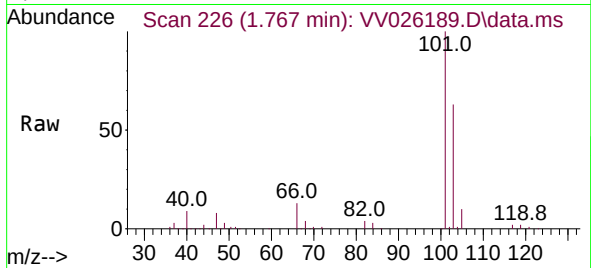




#9
 Trichlorofluoromethane
 Concen: 4.374 ug/L
 RT: 1.767 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV026189.D
 Acq: 13 Jun 2022 02:41

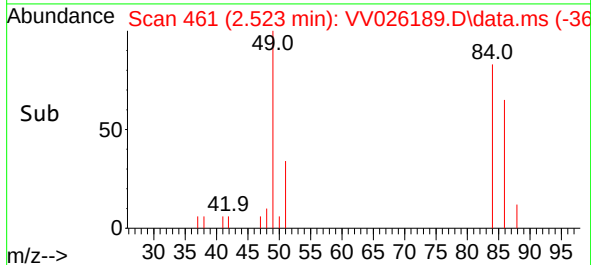
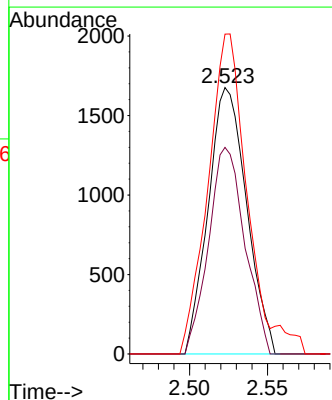
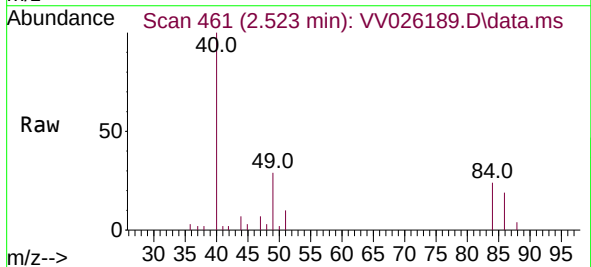
Instrument :
 MSVOA_V
 ClientSampleId :

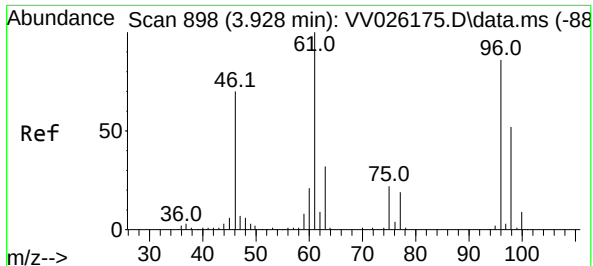
Tgt Ion:101 Resp: 110898
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.9 79.3



#16
 Methylene chloride
 Concen: 0.202 ug/L
 RT: 2.523 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VV026189.D
 Acq: 13 Jun 2022 02:41

Tgt Ion: 84 Resp: 2871
 Ion Ratio Lower Upper
 84 100
 86 77.6 45.1 83.7
 49 120.0 82.3 152.9





#22

cis-1,2-Dichloroethene

Concen: 0.524 ug/L

RT: 3.931 min Scan# 899

Delta R.T. 0.003 min

Lab File: VV026189.D

Acq: 13 Jun 2022 02:41

Instrument :

MSVOA_V

ClientSampleId :

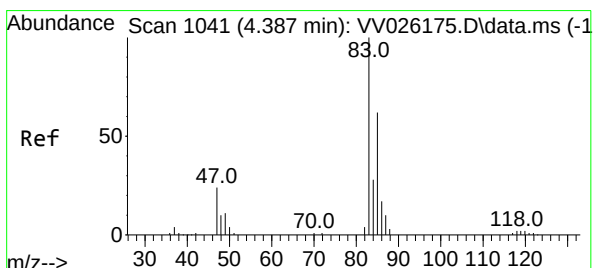
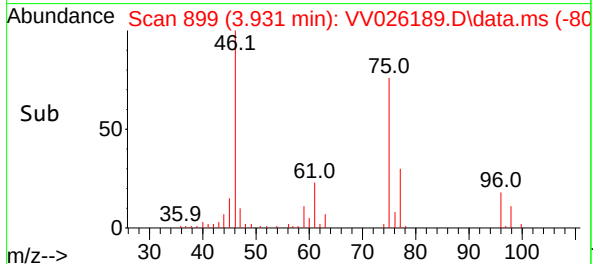
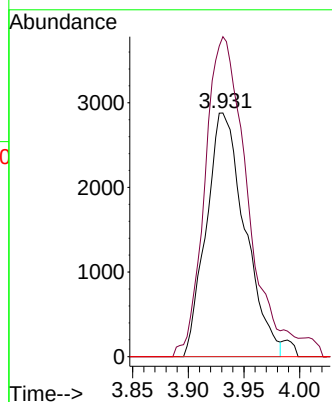
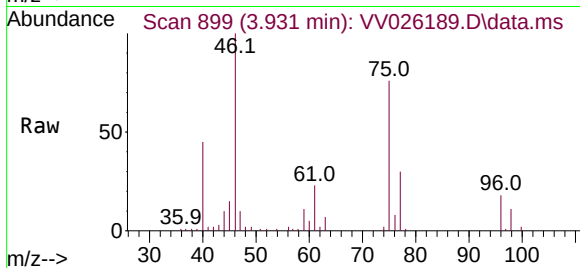
Tgt Ion: 96 Resp: 6960

Ion Ratio Lower Upper

96 100

61 131.3 85.2 158.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.139 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. 0.003 min

Lab File: VV026189.D

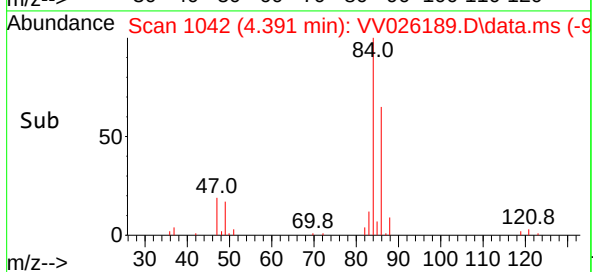
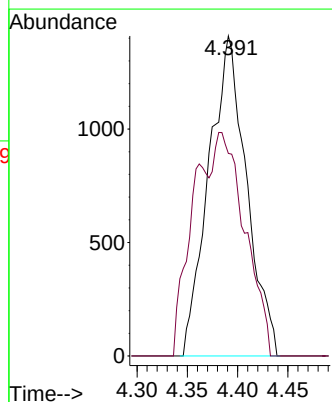
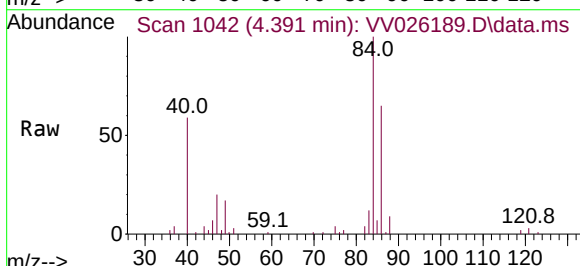
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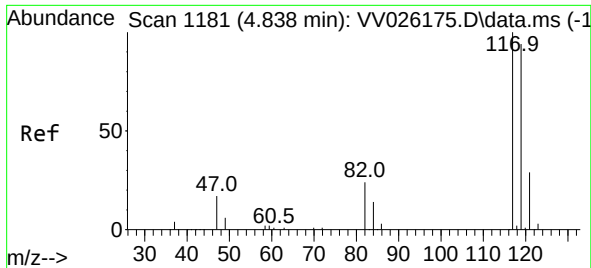
Tgt Ion: 83 Resp: 3677

Ion Ratio Lower Upper

83 100

85 63.3 45.3 84.1

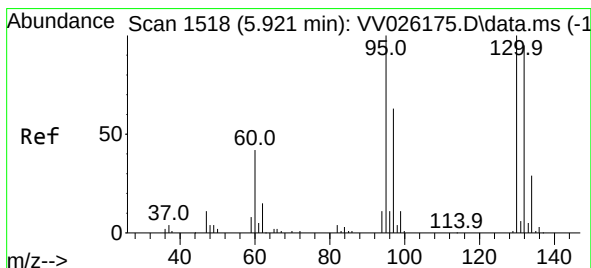
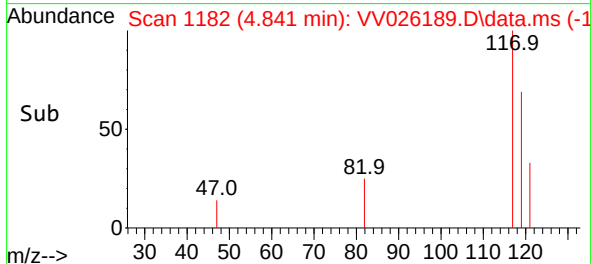
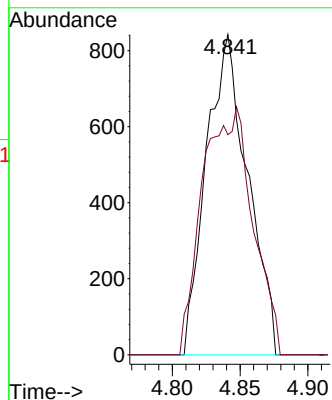
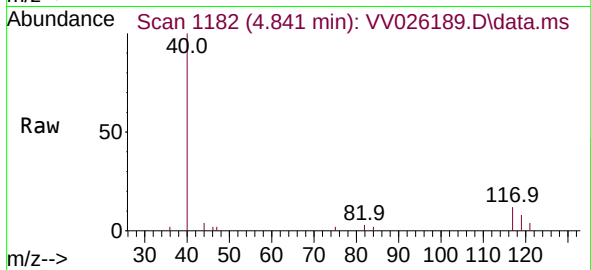




#31
Carbon tetrachloride
Concen: 0.096 ug/L
RT: 4.841 min Scan# 1181
Delta R.T. 0.003 min
Lab File: VV026189.D
Acq: 13 Jun 2022 02:41

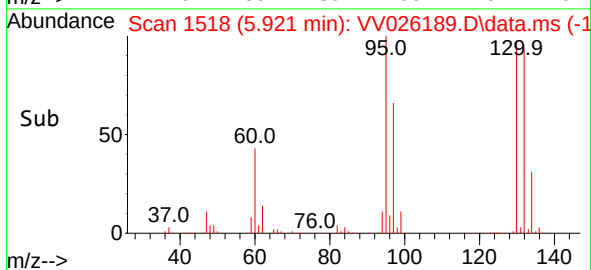
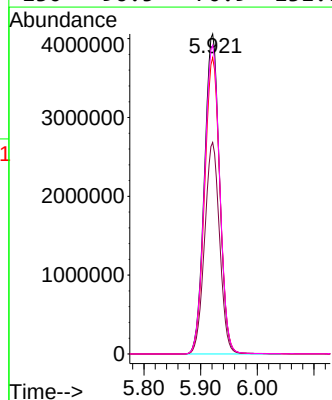
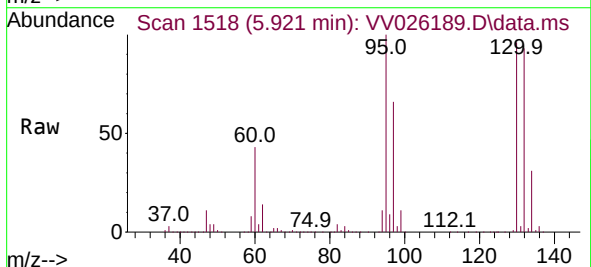
Instrument :
MSVOA_V
ClientSampleId :

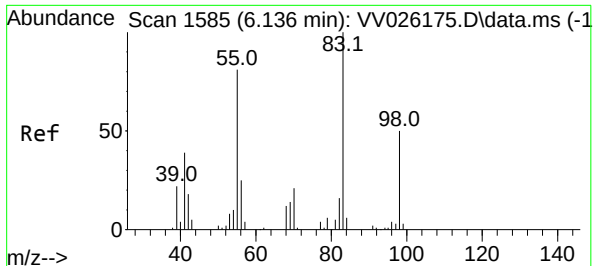
Tgt Ion:117 Resp: 1788
Ion Ratio Lower Upper
117 100
119 93.9 77.8 116.8



#34
Trichloroethene
Concen: 525.774 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VV026189.D
Acq: 13 Jun 2022 02:41

Tgt Ion: 95 Resp: 7546179
Ion Ratio Lower Upper
95 100
97 66.1 43.3 80.3
132 92.6 67.5 125.4
130 96.5 70.9 131.7





#35

Methylcyclohexane

Concen: 0.805 ug/L

RT: 6.076 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV026189.D

Acq: 13 Jun 2022 02:41

Instrument :

MSVOA_V

ClientSampleId :

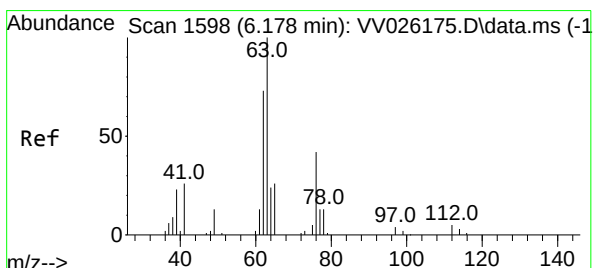
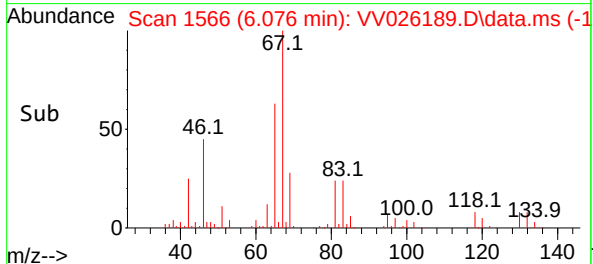
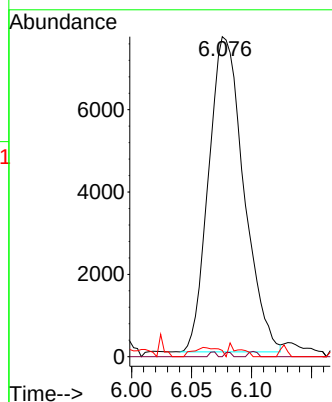
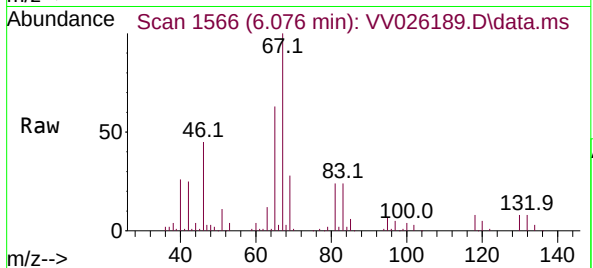
Tgt Ion: 83 Resp: 15620

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: 0.557 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.099 min

Lab File: VV026189.D

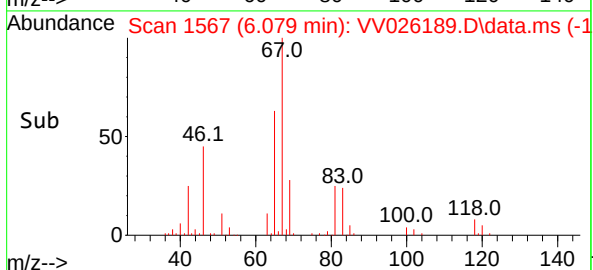
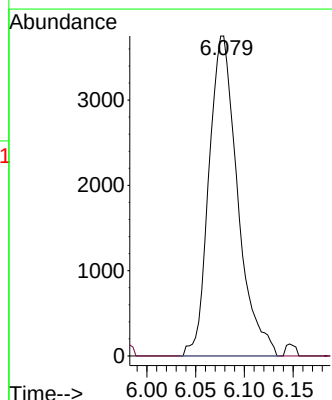
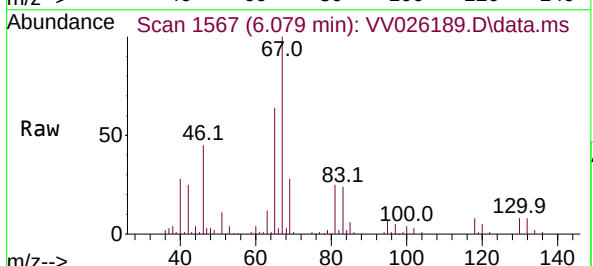
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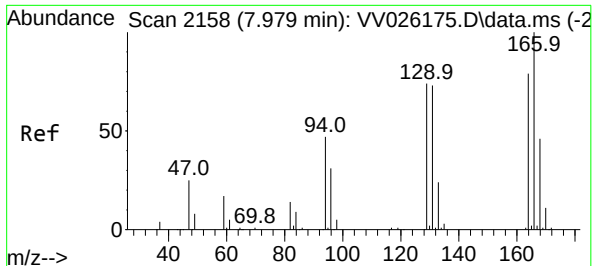
Tgt Ion: 63 Resp: 7675

Ion Ratio Lower Upper

63 100

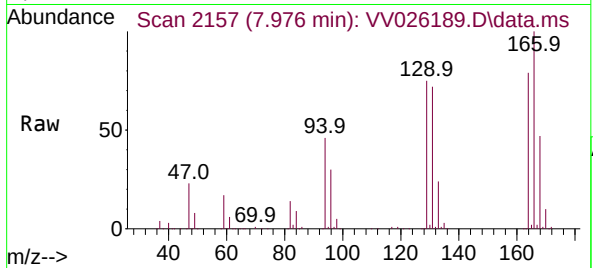
112 1.9 3.9 5.9#



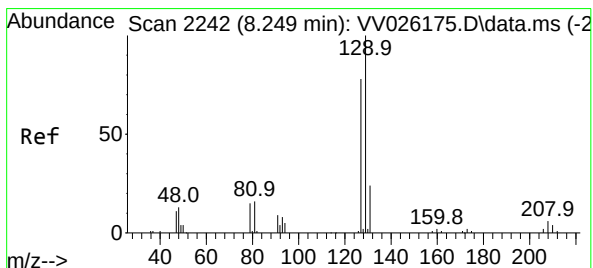
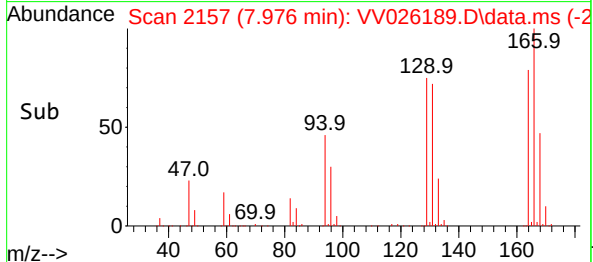
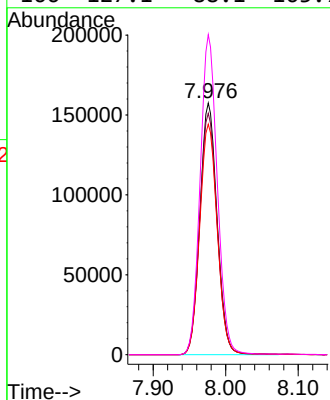


#47
Tetrachloroethene
Concen: 25.249 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV026189.D
Acq: 13 Jun 2022 02:41

Instrument :
MSVOA_V
ClientSampleId :

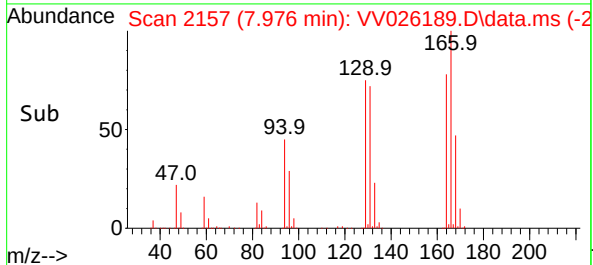
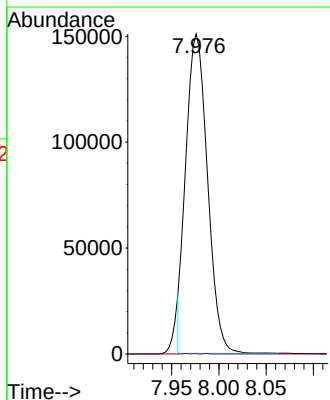
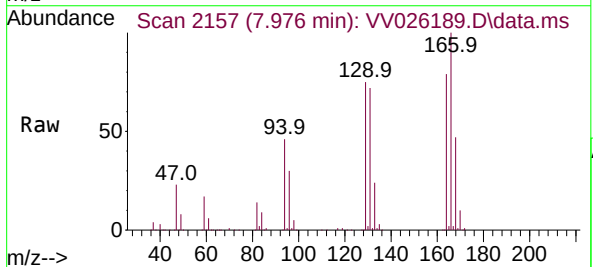


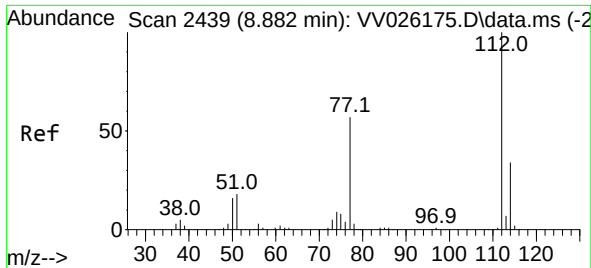
Tgt Ion:164 Resp: 260233
Ion Ratio Lower Upper
164 100
129 95.9 66.1 122.7
131 91.6 65.0 120.6
166 127.1 88.1 163.7



#49
Dibromochloromethane
Concen: 25.229 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.273 min
Lab File: VV026189.D
Acq: 13 Jun 2022 02:41

Tgt Ion:129 Resp: 238625
Ion Ratio Lower Upper
129 100
127 0.1 50.9 94.5#

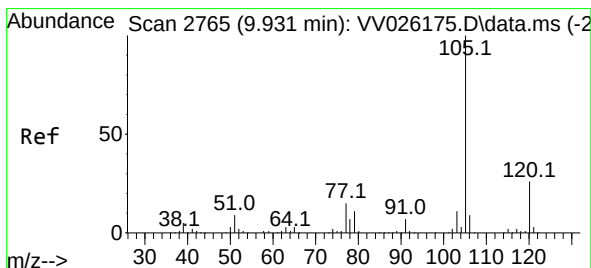
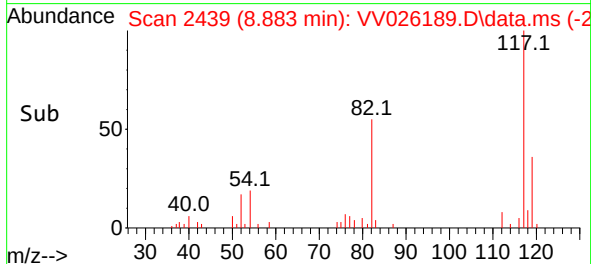
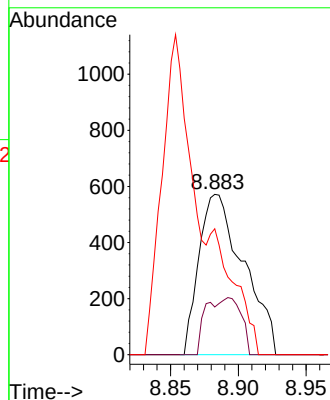
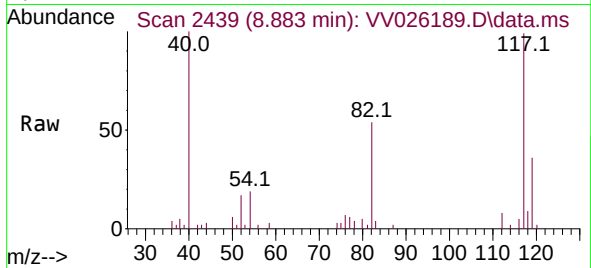




#51
Chlorobenzene
Concen: 0.036 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV026189.D
Acq: 13 Jun 2022 02:41

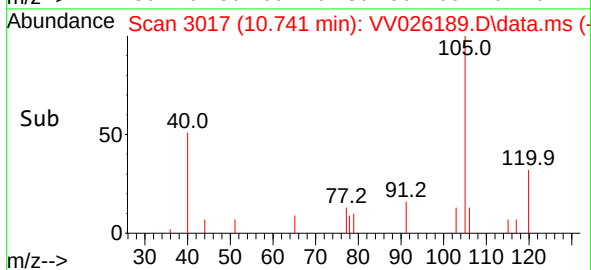
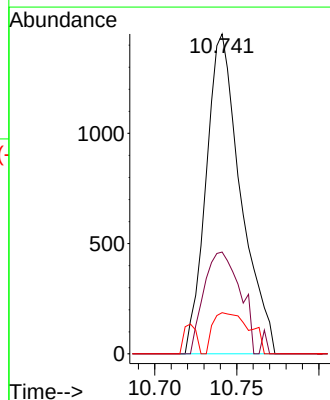
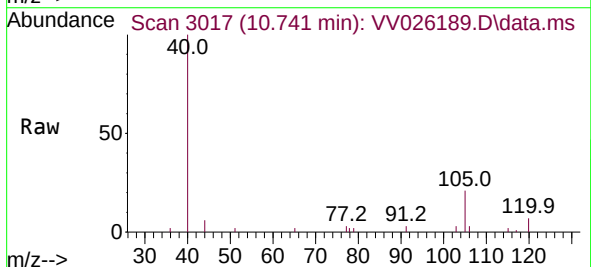
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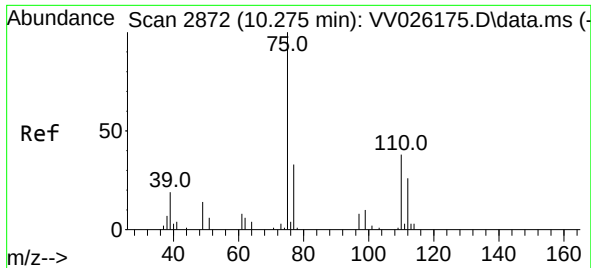
Tgt Ion:112 Resp: 1310
Ion Ratio Lower Upper
112 100
114 29.7 21.8 40.6
77 78.5 44.6 66.8#



#60
Isopropylbenzene
Concen: 0.047 ug/L
RT: 10.741 min Scan# 3017
Delta R.T. 0.810 min
Lab File: VV026189.D
Acq: 13 Jun 2022 02:41

Tgt Ion:105 Resp: 2127
Ion Ratio Lower Upper
105 100
120 33.1 21.4 32.0#
77 13.6 12.4 18.6

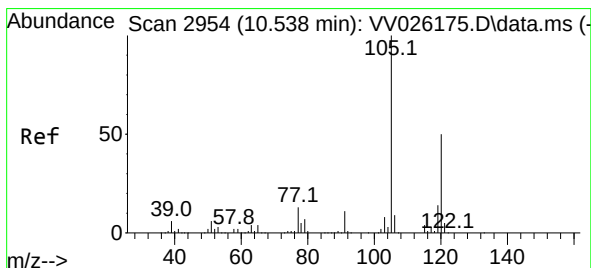
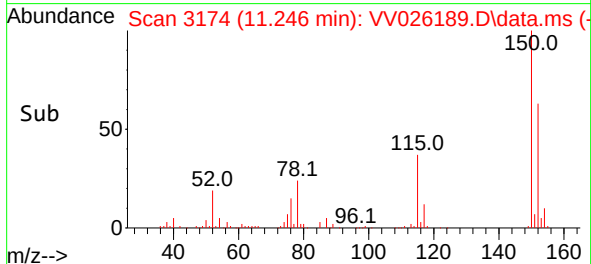
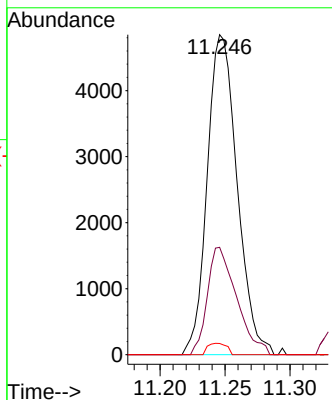
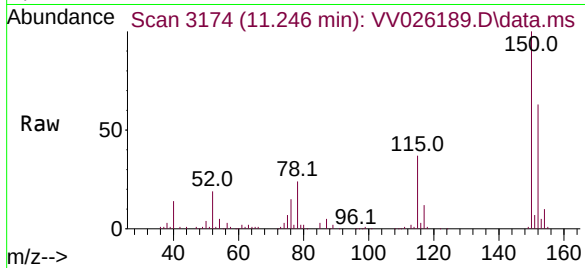




#61
1,2,3-Trichloropropane
Concen: 1.464 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV026189.D
Acq: 13 Jun 2022 02:41

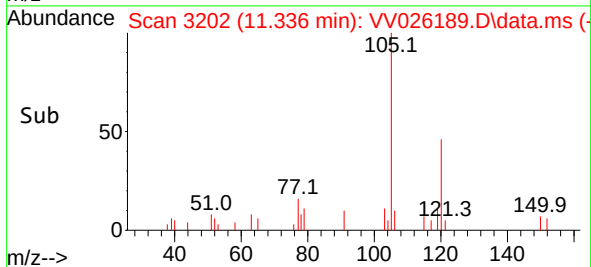
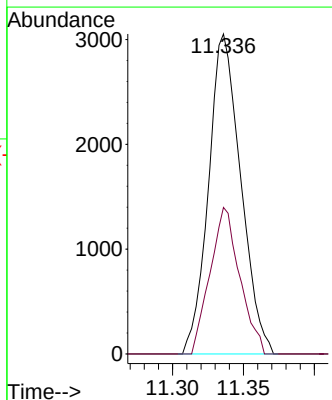
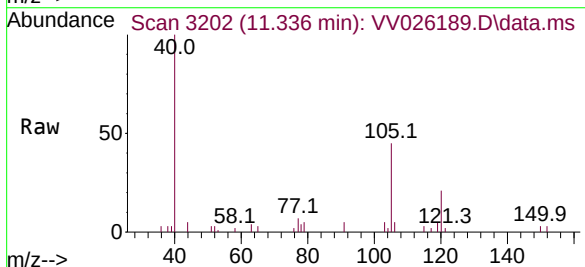
Instrument :
MSVOA_V
ClientSampleId :

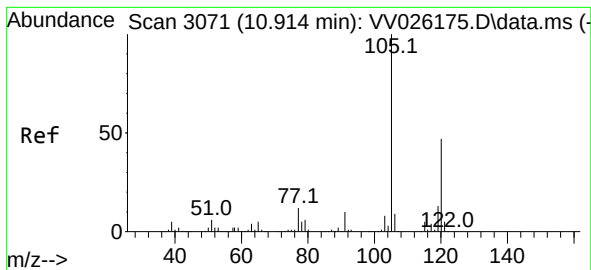
Tgt Ion: 75 Resp: 7766
Ion Ratio Lower Upper
75 100
77 32.7 27.8 41.8
110 2.2 33.0 49.4#



#62
1,3,5-Trimethylbenzene
Concen: 0.135 ug/L
RT: 11.336 min Scan# 3202
Delta R.T. 0.798 min
Lab File: VV026189.D
Acq: 13 Jun 2022 02:41

Tgt Ion: 105 Resp: 4821
Ion Ratio Lower Upper
105 100
120 42.2 40.1 60.1





#63

1,2,4-Trimethylbenzene

Concen: 0.137 ug/L

RT: 11.336 min Scan# 31

Delta R.T. 0.421 min

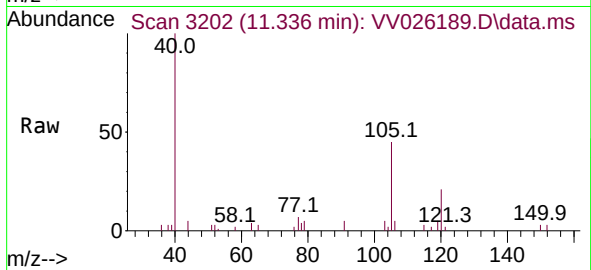
Lab File: VV026189.D

Acq: 13 Jun 2022 02:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:105 Resp: 4821

Ion Ratio Lower Upper

105 100

120 42.2 36.9 55.3

