

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072122\
 Data File : VW026867.D
 Acq On : 21 Jul 2022 12:01
 Operator : SY/MD
 Sample : N3802-07DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 22 05:54:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 22 05:53:14 2022
 Response via : Initial Calibration

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

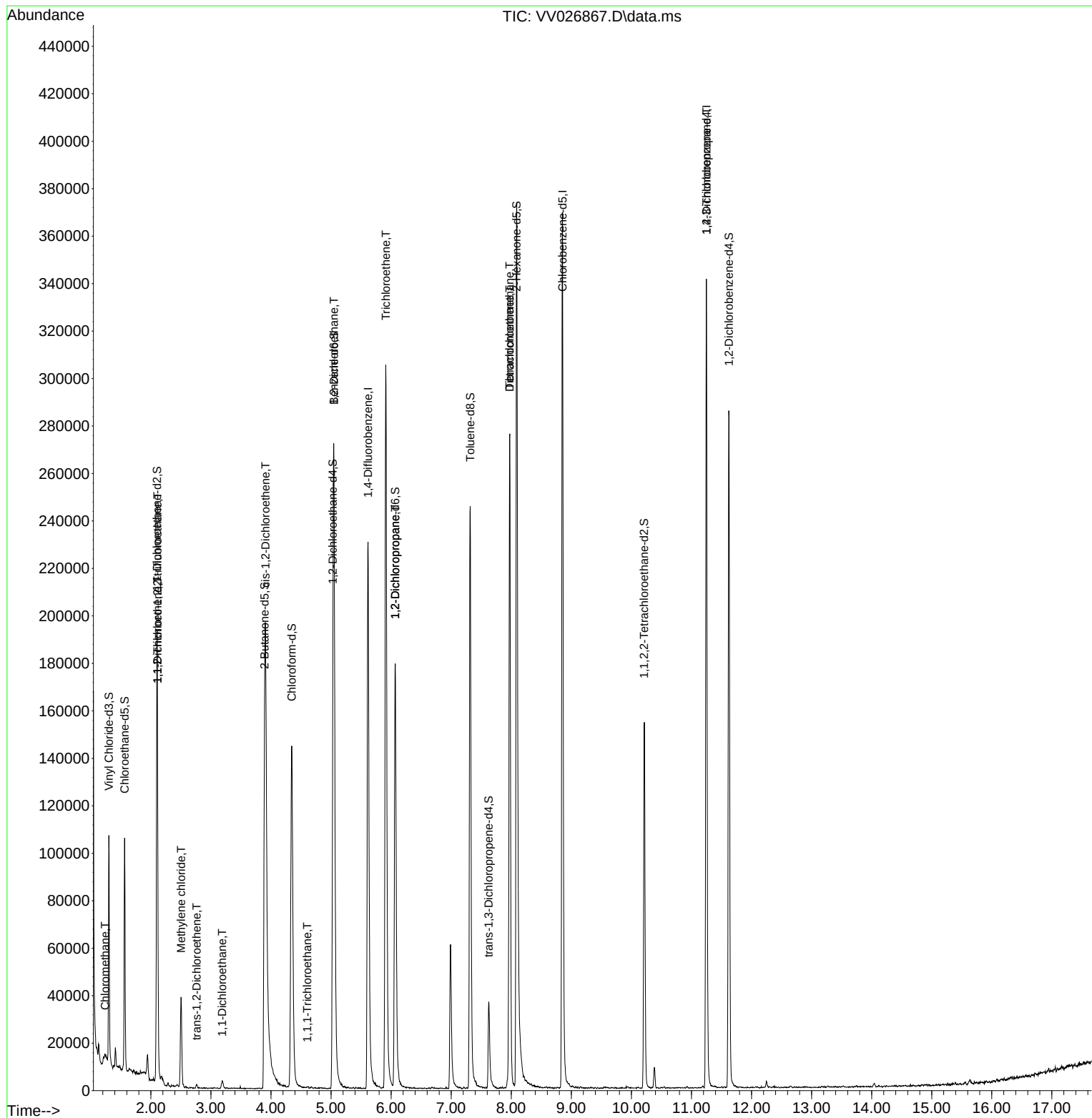
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	209771	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	219424	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	92016	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	60300	3.151	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.565	69	64523	3.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.101	63	85819	2.336	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.800%#
20) 2-Butanone-d5	3.892	46	194968	65.277	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.560%#
24) Chloroform-d	4.346	84	156547	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.031	65	74172	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.047	84	253530	3.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.069	67	94773	4.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.317	98	176207	2.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.600%#
43) trans-1,3-Dichloroprop...	7.625	79	24266	3.710	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.088	63	139524	49.270	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.540%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	78367	5.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	77856	4.856	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	947	0.037	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	13603	0.717	ug/L	97
12) 1,1-Dichloroethene	2.111	96	2618	0.142	ug/L #	1
16) Methylene chloride	2.503	84	16054	0.733	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	621	0.037	ug/L	74
19) 1,1-Dichloroethane	3.188	63	3599	0.117	ug/L #	86
22) cis-1,2-Dichloroethene	3.908	96	68484	4.017	ug/L	97
27) 1,2-Dichloroethane	5.047	62	1229	0.071	ug/L #	56
29) 1,1,1-Trichloroethane	4.606	97	671	0.023	ug/L #	54
34) Trichloroethene	5.912	95	111576	6.188	ug/L	97
37) 1,2-Dichloropropane	6.069	63	10169	0.580	ug/L #	86
47) Tetrachloroethene	7.976	164	63621	4.499	ug/L	97
49) Dibromochloromethane	7.973	129	59774	4.045	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	10300	1.214	ug/L #	64

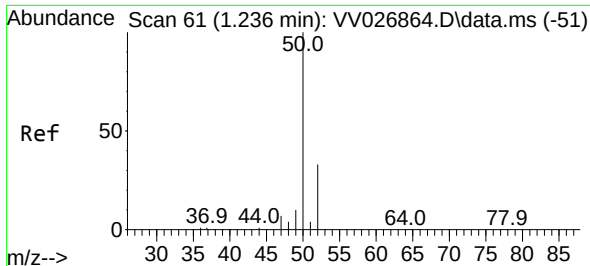
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

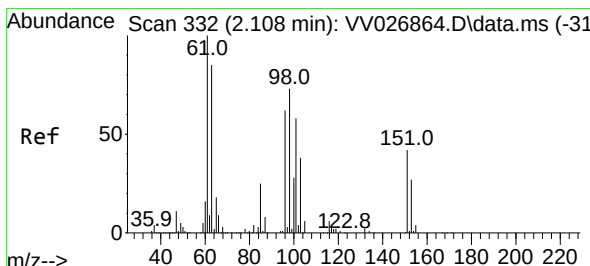
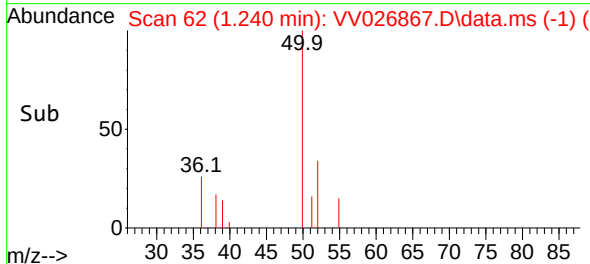
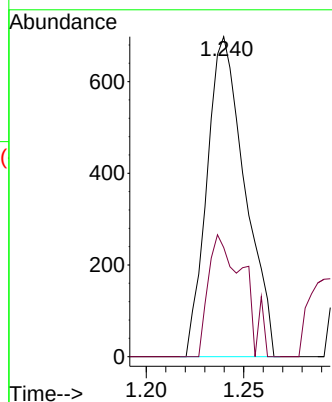
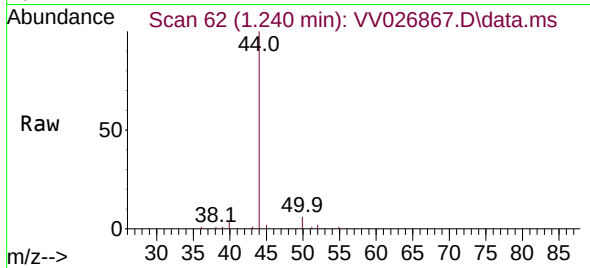




#3
Chloromethane
Concen: 0.037 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026867.D
Acq: 21 Jul 2022 12:01

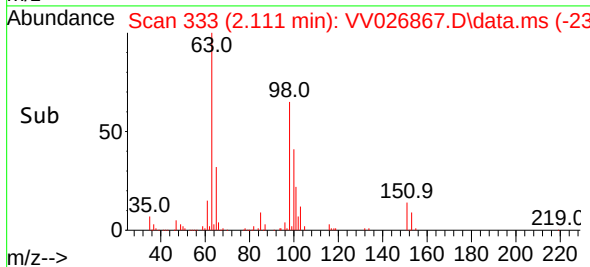
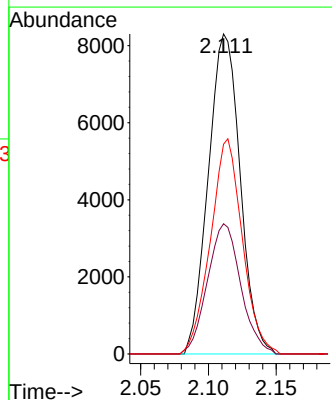
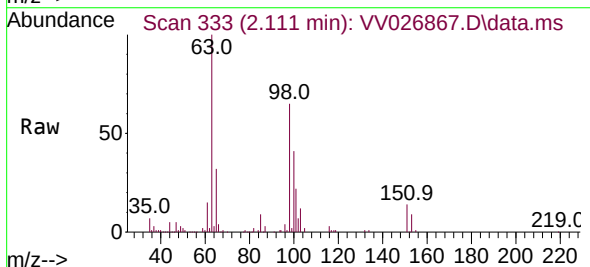
Instrument :
MSVOA_V
ClientSampleId :

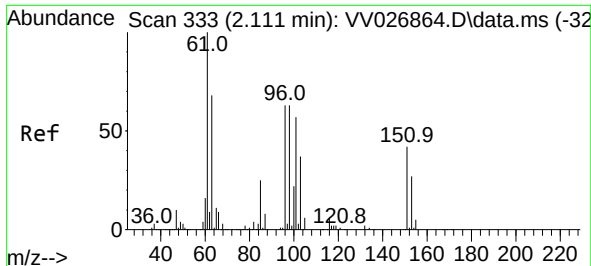
Tgt Ion: 50 Resp: 947
Ion Ratio Lower Upper
50 100
52 34.1 22.8 42.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.717 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV026867.D
Acq: 21 Jul 2022 12:01

Tgt Ion: 101 Resp: 13603
Ion Ratio Lower Upper
101 100
85 42.5 35.0 52.4
151 67.2 56.7 85.1





#12

1,1-Dichloroethene

Concen: 0.142 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV026867.D

Acq: 21 Jul 2022 12:01

Instrument :

MSVOA_V

ClientSampleId :

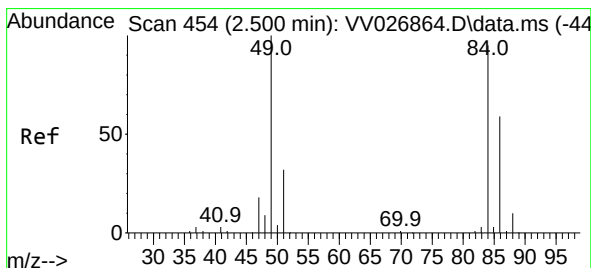
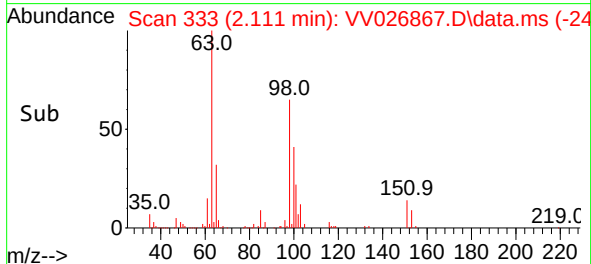
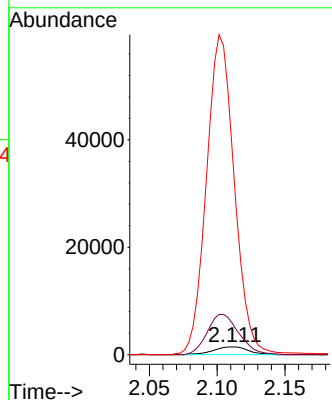
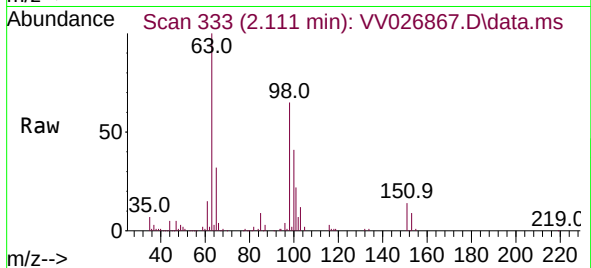
Tgt Ion: 96 Resp: 2618

Ion Ratio Lower Upper

96 100

61 410.0 118.3 219.7#

63 2650.5 79.9 148.3#



#16

Methylene chloride

Concen: 0.733 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.003 min

Lab File: VV026867.D

Acq: 21 Jul 2022 12:01

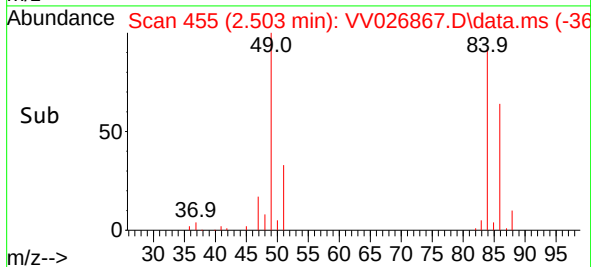
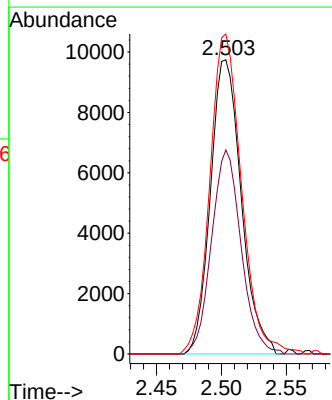
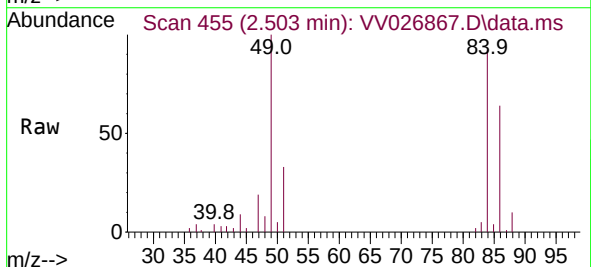
Tgt Ion: 84 Resp: 16054

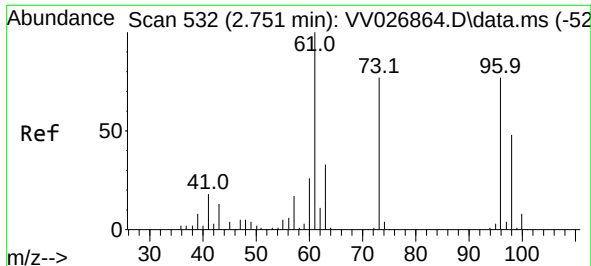
Ion Ratio Lower Upper

84 100

86 69.3 44.8 83.2

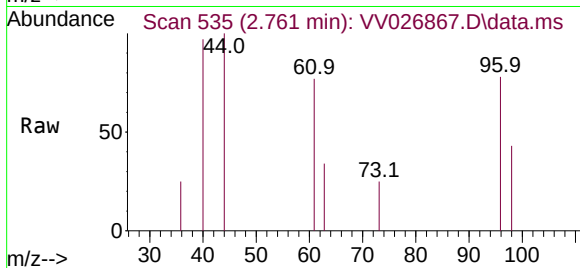
49 108.7 78.7 146.1



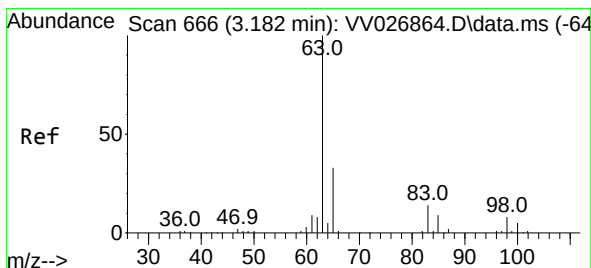
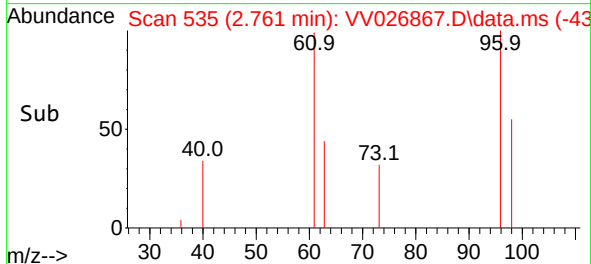
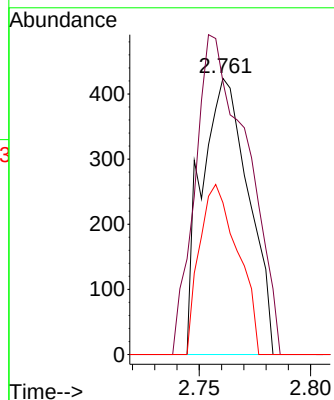


#18
 trans-1,2-Dichloroethene
 Concen: 0.037 ug/L
 RT: 2.761 min Scan# 511
 Delta R.T. 0.010 min
 Lab File: VV026867.D
 Acq: 21 Jul 2022 12:01

Instrument :
 MSVOA_V
 ClientSampleId :

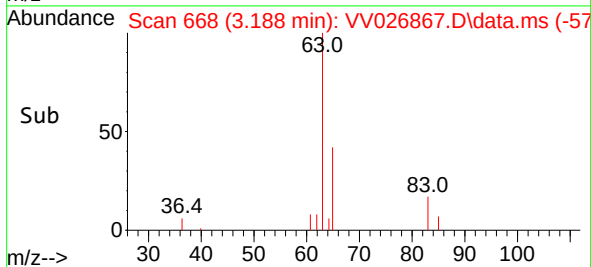
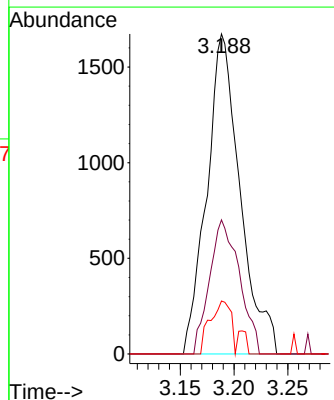
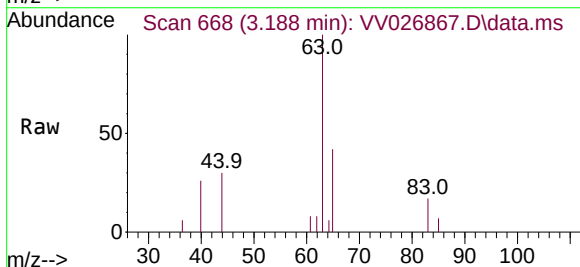


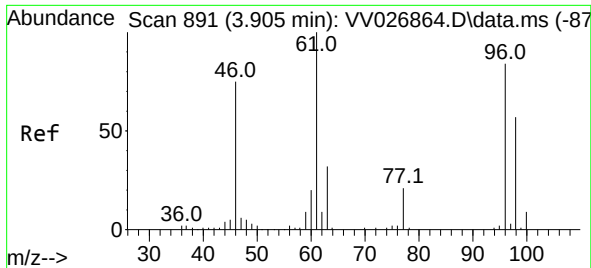
Tgt Ion: 96	Resp: 621
Ion Ratio	Lower Upper
96 100	
61 98.8	94.7 175.9
98 55.0	47.4 88.0



#19
 1,1-Dichloroethane
 Concen: 0.117 ug/L
 RT: 3.188 min Scan# 668
 Delta R.T. 0.007 min
 Lab File: VV026867.D
 Acq: 21 Jul 2022 12:01

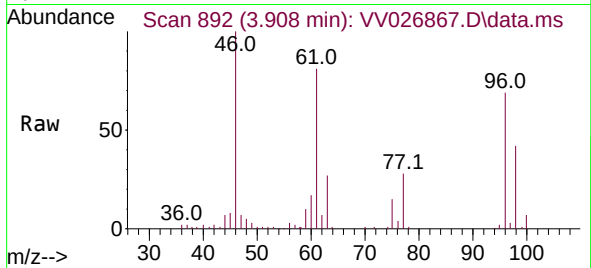
Tgt Ion: 63	Resp: 3599
Ion Ratio	Lower Upper
63 100	
65 41.9	22.3 41.3#
83 16.6	9.9 18.5





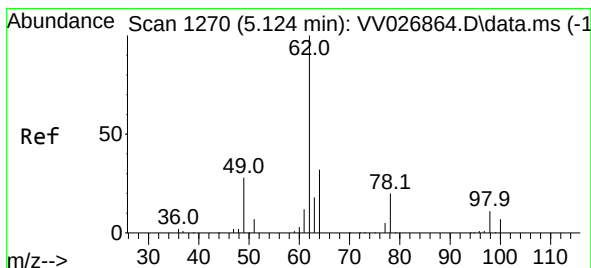
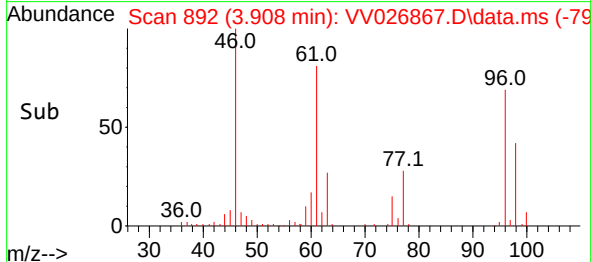
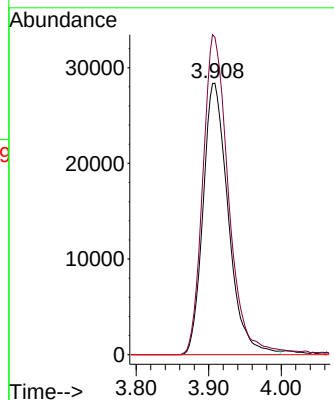
#22
 cis-1,2-Dichloroethene
 Concen: 4.017 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV026867.D
 Acq: 21 Jul 2022 12:01

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 68484

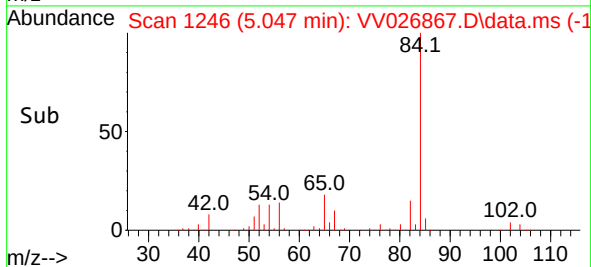
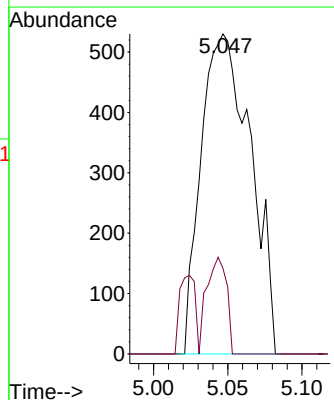
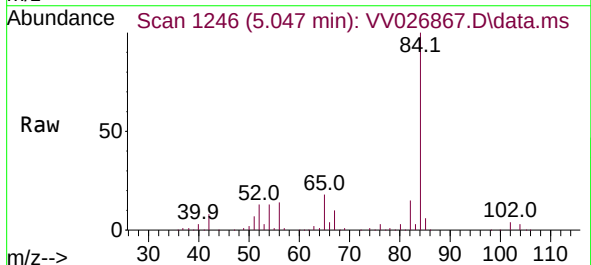
Ion	Ratio	Lower	Upper
96	100		
61	116.9	83.9	155.9
68	0.0	0.0	0.0

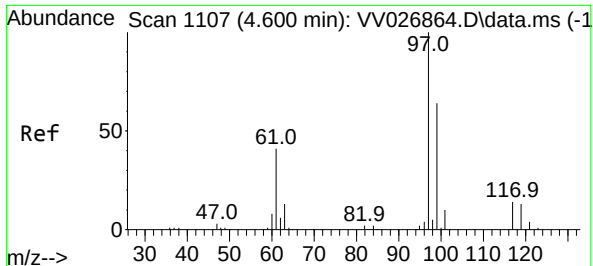


#27
 1,2-Dichloroethane
 Concen: 0.071 ug/L
 RT: 5.047 min Scan# 1246
 Delta R.T. -0.077 min
 Lab File: VV026867.D
 Acq: 21 Jul 2022 12:01

Tgt Ion: 62 Resp: 1229

Ion	Ratio	Lower	Upper
62	100		
98	26.8	8.3	12.5#





#29

1,1,1-Trichloroethane

Concen: 0.023 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.007 min

Lab File: VV026867.D

Acq: 21 Jul 2022 12:01

Instrument :

MSVOA_V

ClientSampleId :

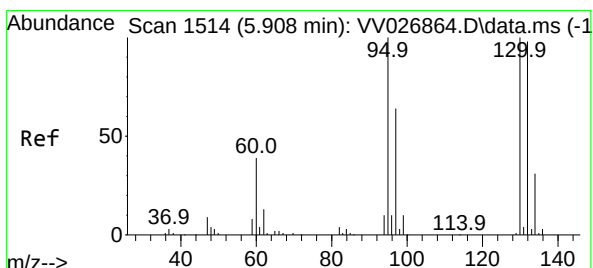
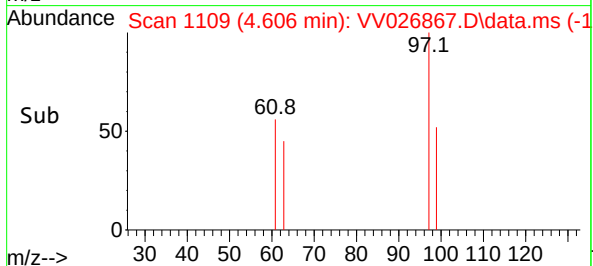
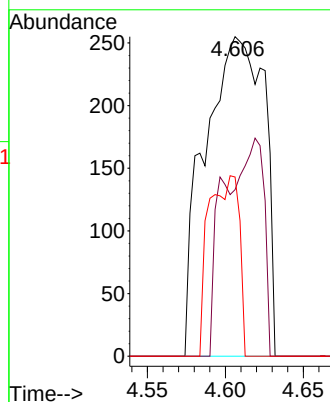
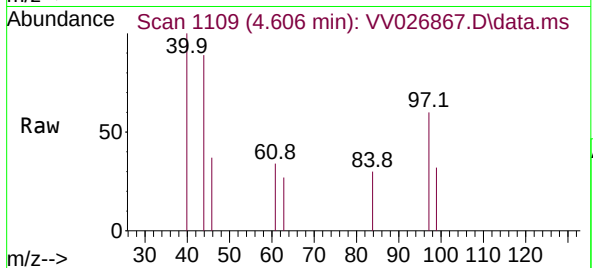
Tgt Ion: 97 Resp: 671

Ion Ratio Lower Upper

97 100

99 15.2 51.3 76.9#

61 29.1 35.1 52.7#



#34

Trichloroethene

Concen: 6.188 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV026867.D

Acq: 21 Jul 2022 12:01

Tgt Ion: 95 Resp: 111576

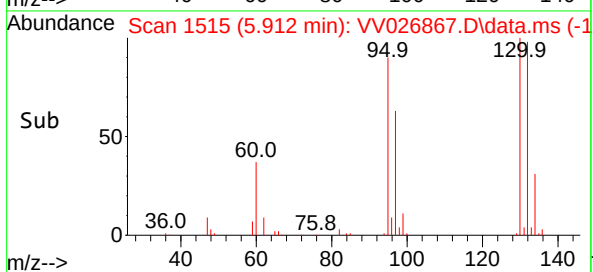
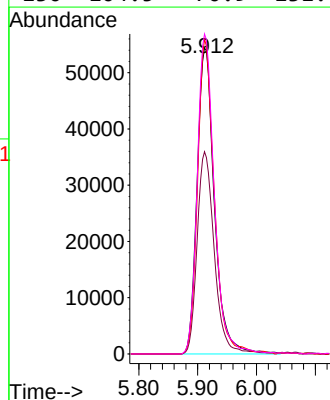
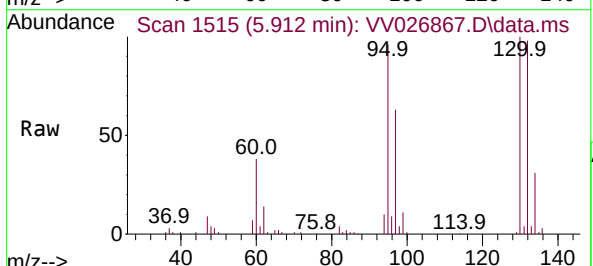
Ion Ratio Lower Upper

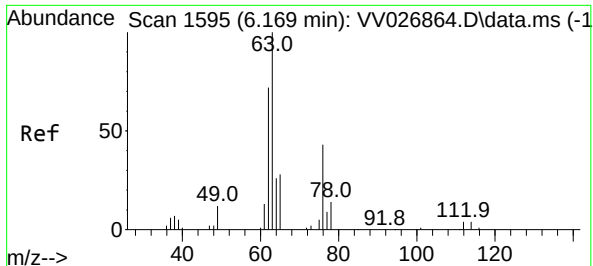
95 100

97 66.1 44.6 82.8

132 102.8 70.2 130.4

130 104.5 70.9 131.7





#37

1,2-Dichloropropane

Concen: 0.580 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.099 min

Lab File: VV026867.D

Acq: 21 Jul 2022 12:01

Instrument :

MSVOA_V

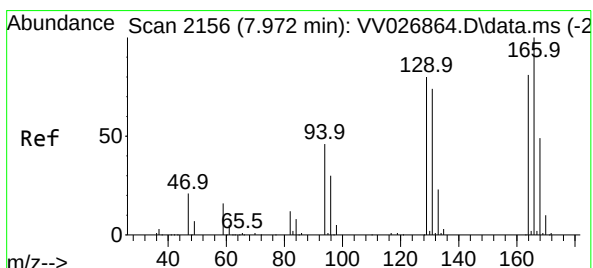
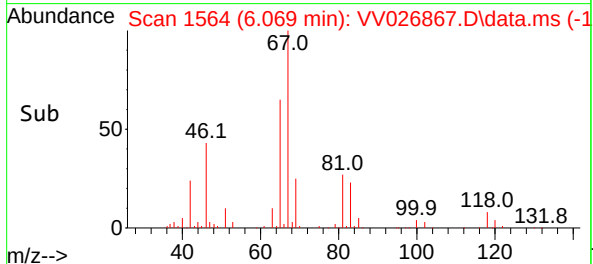
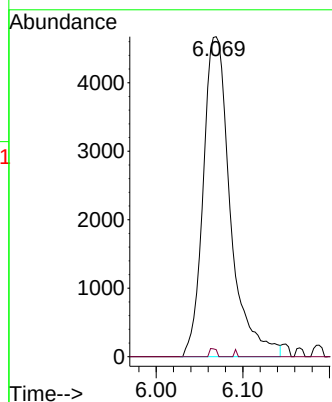
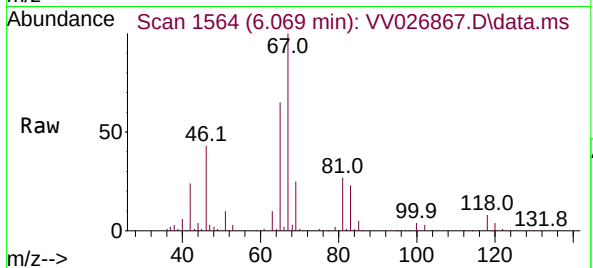
ClientSampleId :

Tgt Ion: 63 Resp: 10169

Ion Ratio Lower Upper

63 100

112 0.6 4.2 6.2#



#47

Tetrachloroethene

Concen: 4.499 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV026867.D

Acq: 21 Jul 2022 12:01

Tgt Ion: 164 Resp: 63621

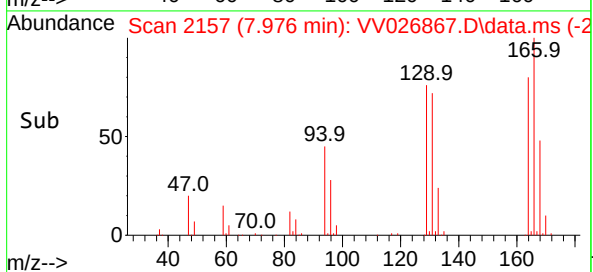
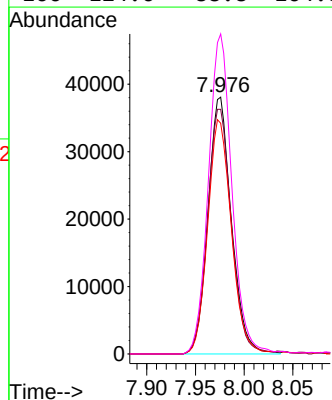
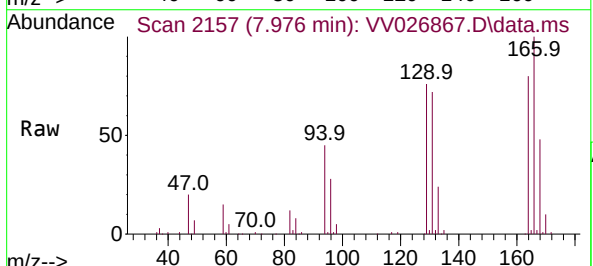
Ion Ratio Lower Upper

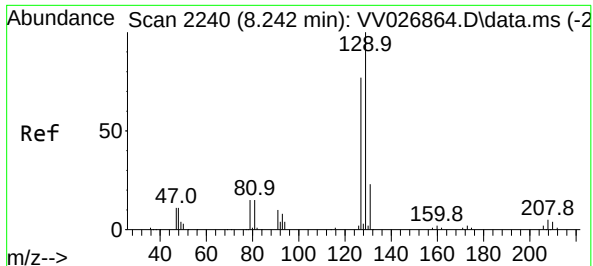
164 100

129 95.2 67.8 125.8

131 89.9 65.9 122.5

166 124.6 88.8 164.8





#49

Dibromochloromethane

Concen: 4.045 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV026867.D

Acq: 21 Jul 2022 12:01

Instrument :

MSVOA_V

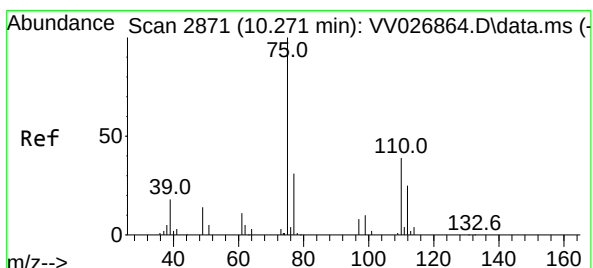
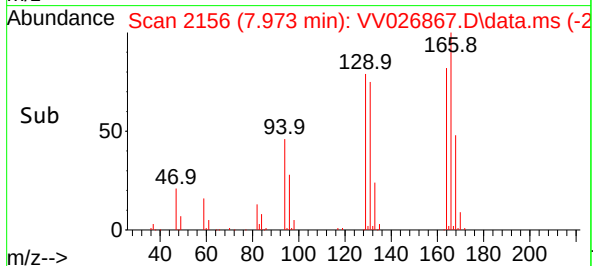
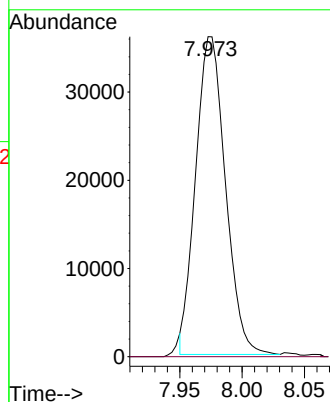
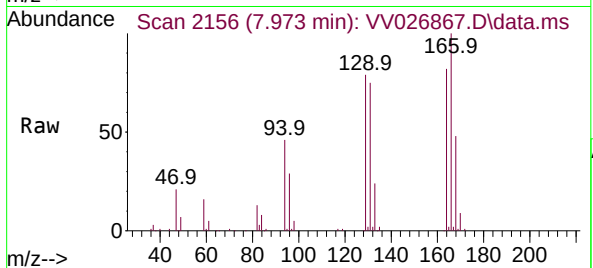
ClientSampleId :

Tgt Ion:129 Resp: 59774

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.214 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV026867.D

Acq: 21 Jul 2022 12:01

Tgt Ion: 75 Resp: 10300

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

110 0.4 31.8 47.6#

