

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023244.D
 Acq On : 05 Nov 2021 19:54
 Operator : SY/MD
 Sample : M4535-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 03:19:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 03:09:01 2021
 Response via : Initial Calibration

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

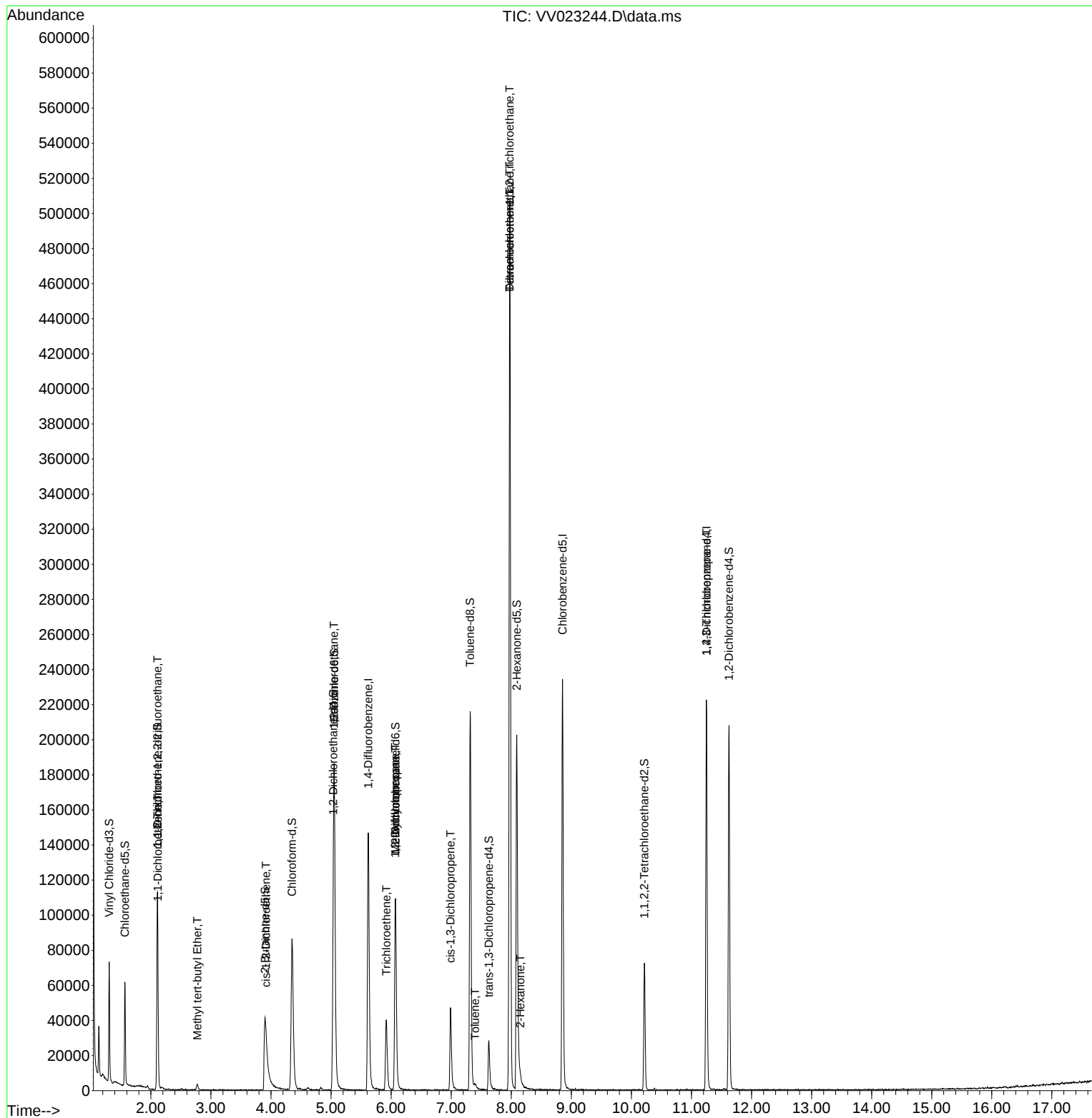
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131162	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	132097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61575	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40276	4.902	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.000%
7) Chloroethane-d5	1.568	69	34659	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.111	63	57532	3.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.902	46	92918	74.847	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	149.700%#
24) Chloroform-d	4.352	84	88571	5.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.037	65	41517	5.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.053	84	170487	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.072	67	52450	5.257	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.317	98	145636	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.628	79	16610	4.390	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.091	63	69025	49.589	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34853	4.858	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	54513	5.317	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1142	0.139	ug/L #	57
12) 1,1-Dichloroethene	2.117	96	1600	0.205	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	2591	0.150	ug/L	97
22) cis-1,2-Dichloroethene	3.918	96	1370	0.148	ug/L	93
27) 1,2-Dichloroethane	5.047	62	1087	0.118	ug/L #	73
34) Trichloroethene	5.921	95	13907	1.416	ug/L	99
35) Methylcyclohexane	6.072	83	13566	0.875	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	5794	0.672	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1212	0.098	ug/L #	58
42) Toluene	7.400	91	2555	0.065	ug/L	97
45) 1,1,2-Trichloroethane	7.973	97	928	0.150	ug/L #	1
47) Tetrachloroethene	7.976	164	112696	13.244	ug/L	99
48) 2-Hexanone	8.149	43	3638	1.269	ug/L #	83
49) Dibromochloromethane	7.976	129	103359	13.171	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6426	1.571	ug/L #	64

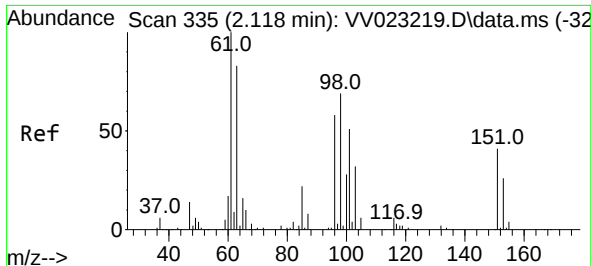
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

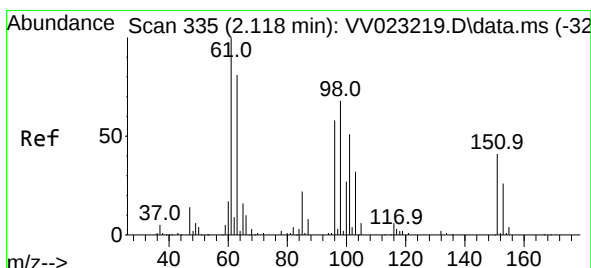
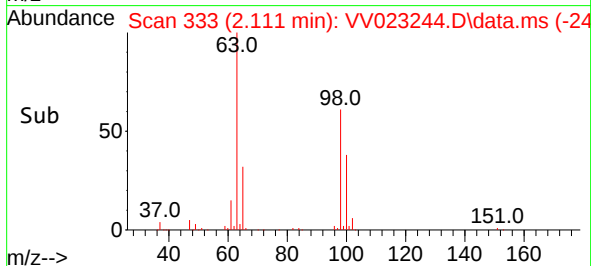
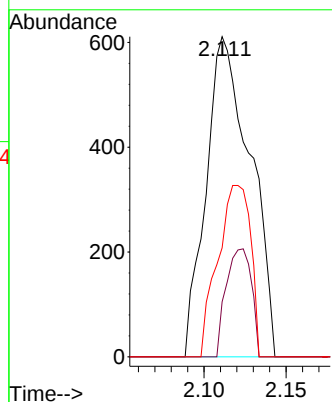
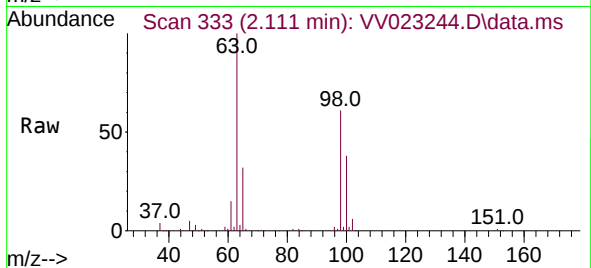




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.139 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. -0.007 min
 Lab File: VV023244.D
 Acq: 05 Nov 2021 19:54

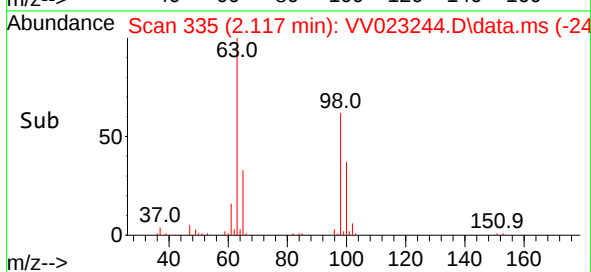
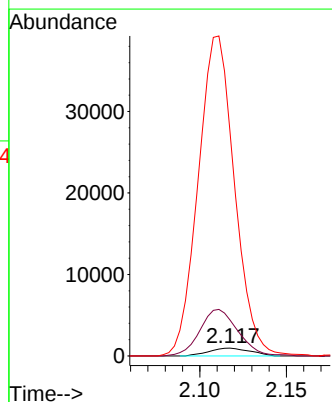
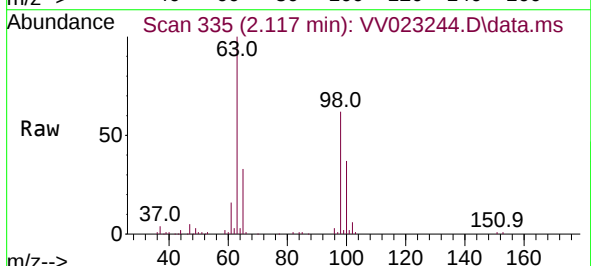
Instrument :
 MSVOA_V
 ClientSampleId :

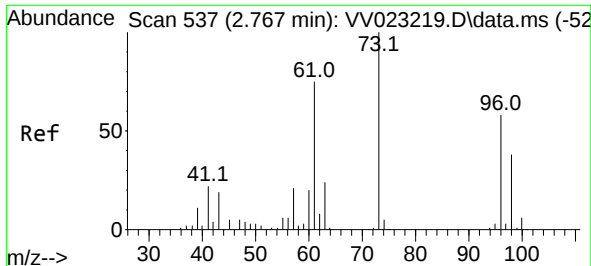
Tgt Ion:101 Resp: 1142
 Ion Ratio Lower Upper
 101 100
 85 19.3 35.4 53.0#
 151 39.7 64.3 96.5#



#12
 1,1-Dichloroethene
 Concen: 0.205 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV023244.D
 Acq: 05 Nov 2021 19:54

Tgt Ion: 96 Resp: 1600
 Ion Ratio Lower Upper
 96 100
 61 460.4 117.7 218.7#
 63 2873.8 80.5 149.5#





#17

Methyl tert-butyl Ether

Concen: 0.150 ug/L

RT: 2.773 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV023244.D

Acq: 05 Nov 2021 19:54

Instrument :

MSVOA_V

ClientSampleId :

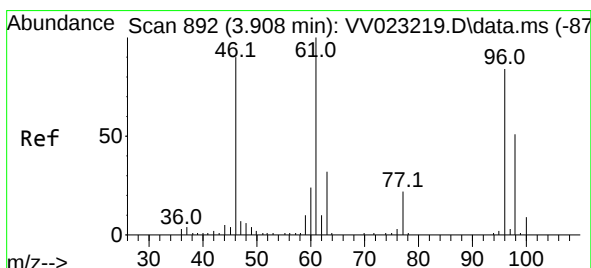
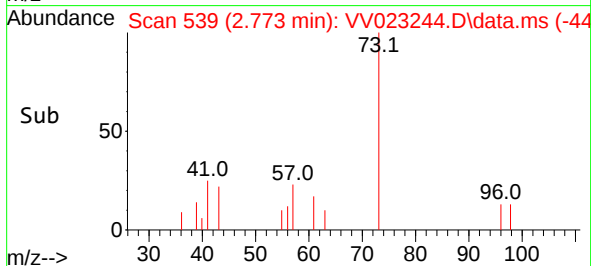
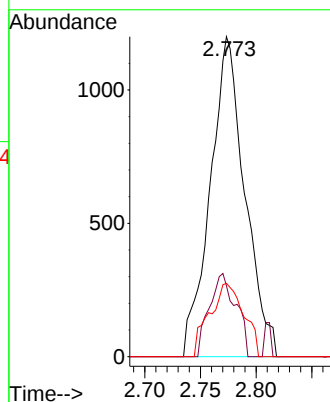
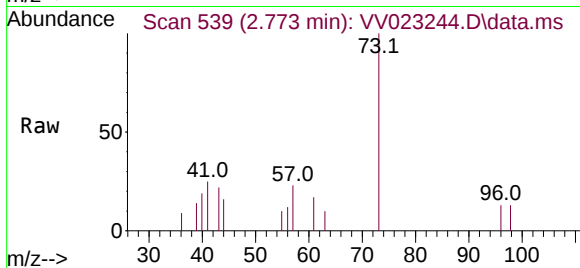
Tgt Ion: 73 Resp: 2591

Ion Ratio Lower Upper

73 100

43 20.0 14.2 21.4

57 22.7 17.8 26.8



#22

cis-1,2-Dichloroethene

Concen: 0.148 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.010 min

Lab File: VV023244.D

Acq: 05 Nov 2021 19:54

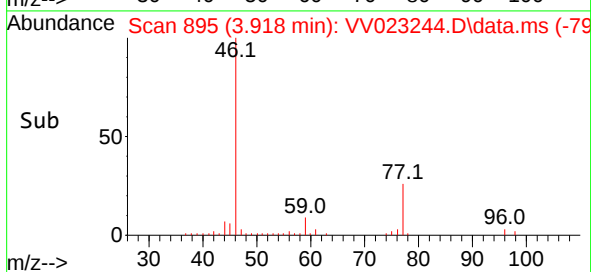
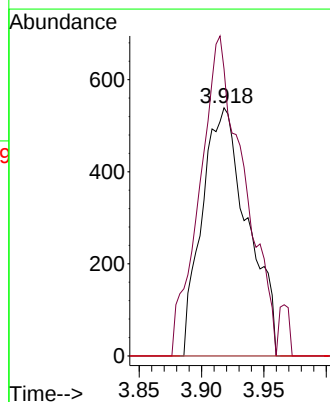
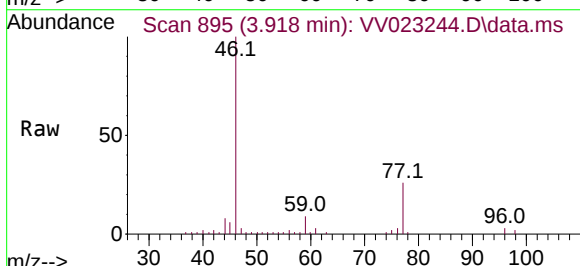
Tgt Ion: 96 Resp: 1370

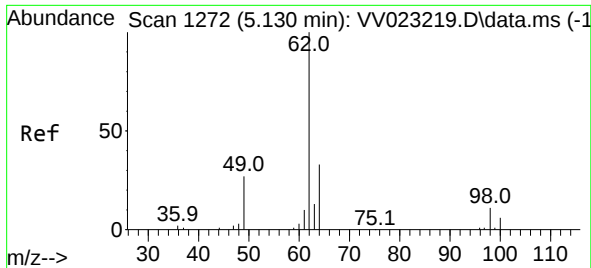
Ion Ratio Lower Upper

96 100

61 115.6 86.7 160.9

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.118 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV023244.D

Acq: 05 Nov 2021 19:54

Instrument :

MSVOA_V

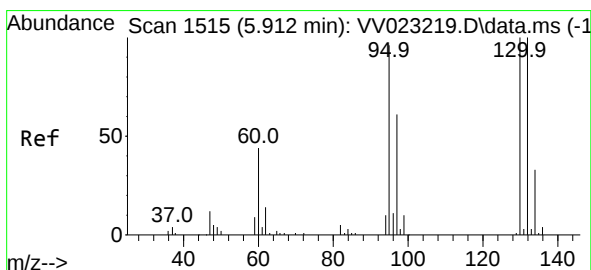
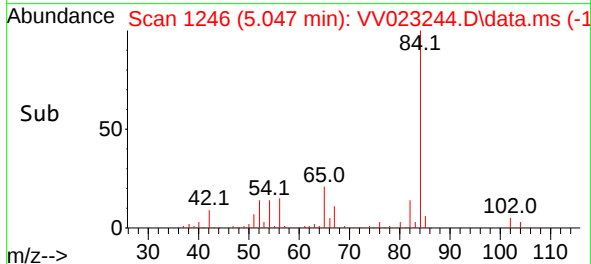
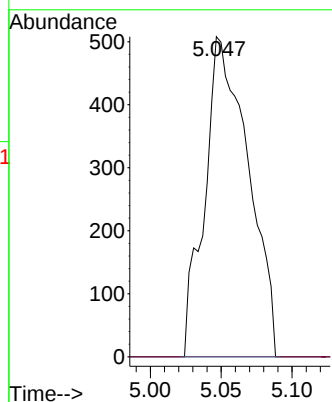
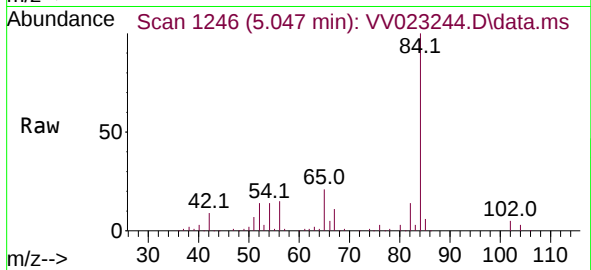
ClientSampleId :

Tgt Ion: 62 Resp: 1087

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#34

Trichloroethene

Concen: 1.416 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV023244.D

Acq: 05 Nov 2021 19:54

Tgt Ion: 95 Resp: 13907

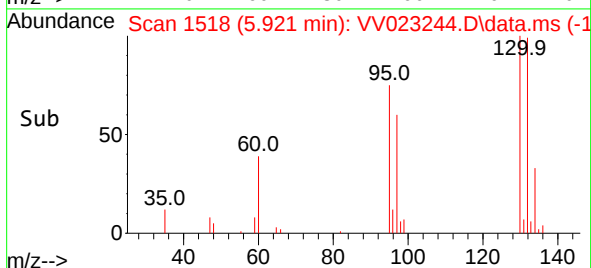
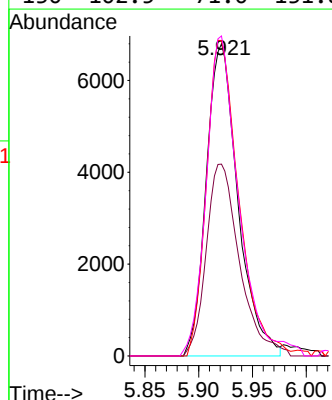
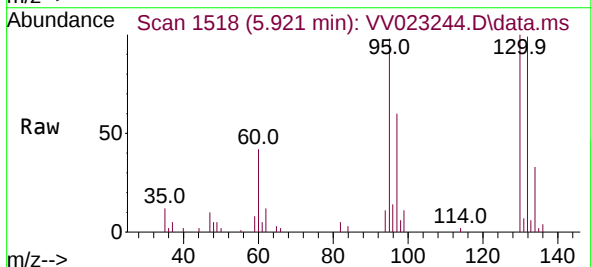
Ion Ratio Lower Upper

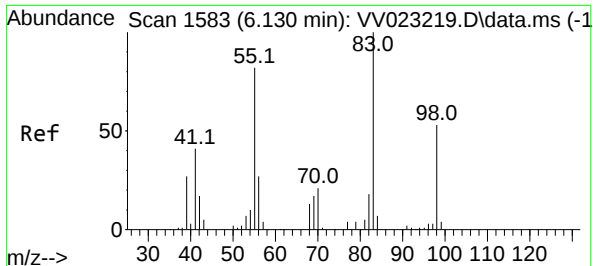
95 100

97 61.4 43.3 80.5

132 101.0 70.0 130.0

130 102.5 71.0 131.8





#35

Methylcyclohexane

Concen: 0.875 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV023244.D

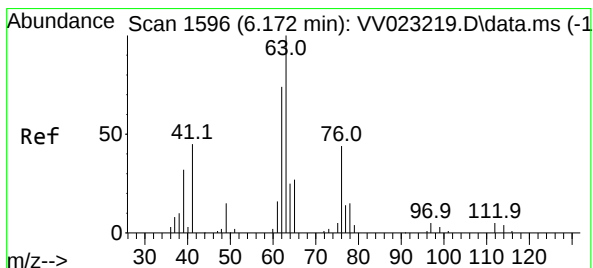
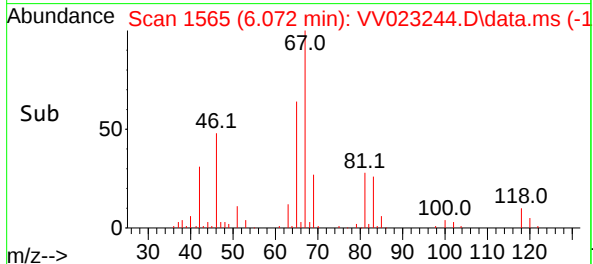
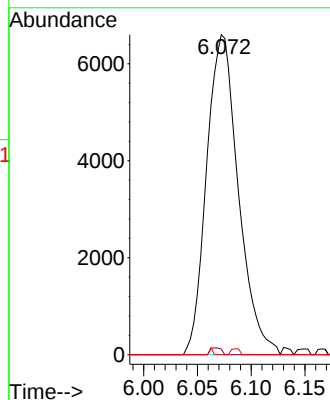
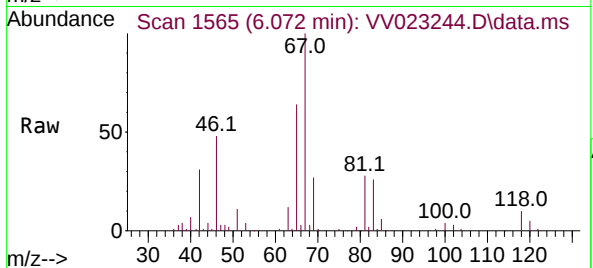
Acq: 05 Nov 2021 19:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 13566
Ion Ratio	Lower Upper
83 100	
55 0.7	59.6 89.4#
98 0.2	40.6 61.0#



#37

1,2-Dichloropropane

Concen: 0.672 ug/L

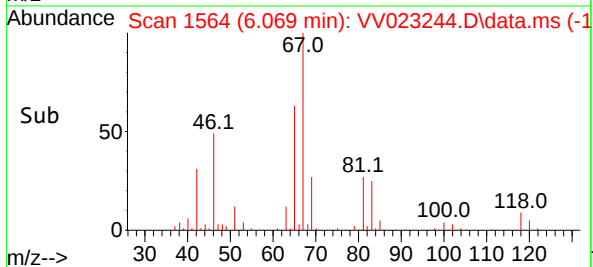
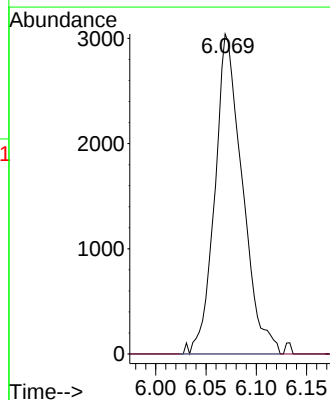
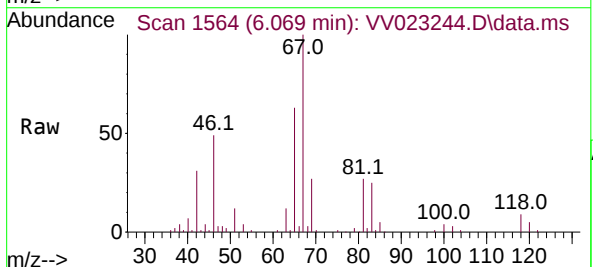
RT: 6.069 min Scan# 1564

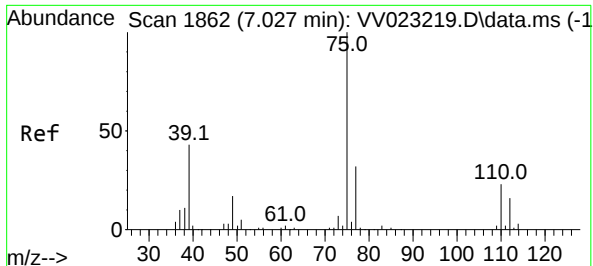
Delta R.T. -0.103 min

Lab File: VV023244.D

Acq: 05 Nov 2021 19:54

Tgt Ion: 63	Resp: 5794
Ion Ratio	Lower Upper
63 100	
112 0.0	4.5 6.7#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV023244.D

Acq: 05 Nov 2021 19:54

Instrument :

MSVOA_V

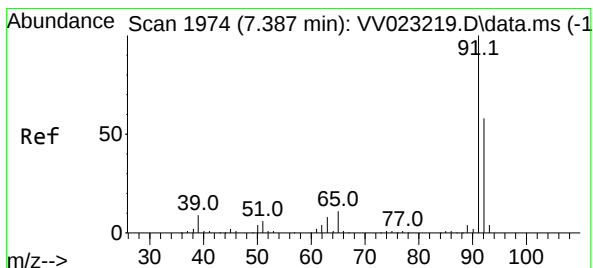
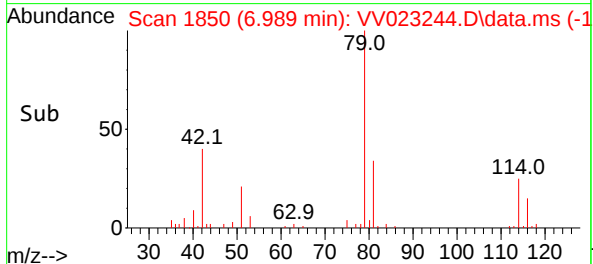
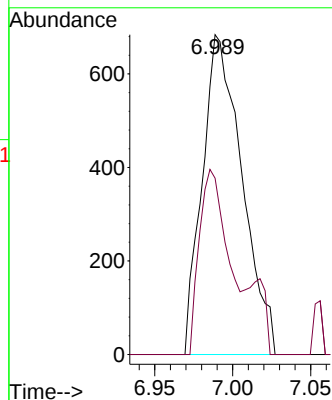
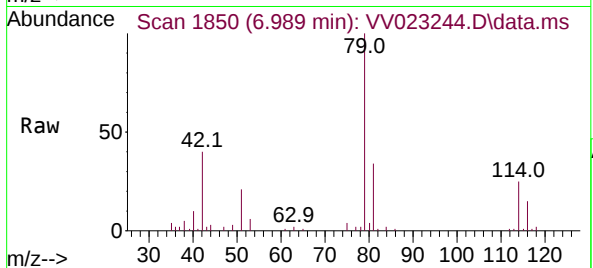
ClientSampleId :

Tgt Ion: 75 Resp: 1212

Ion Ratio Lower Upper

75 100

77 55.1 22.3 41.3#



#42

Toluene

Concen: 0.065 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023244.D

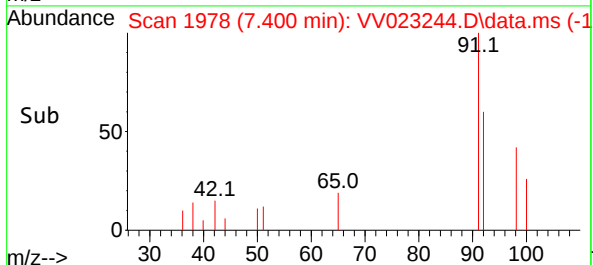
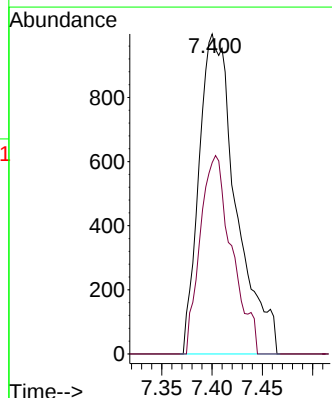
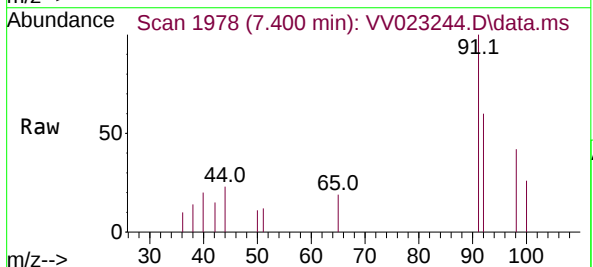
Acq: 05 Nov 2021 19:54

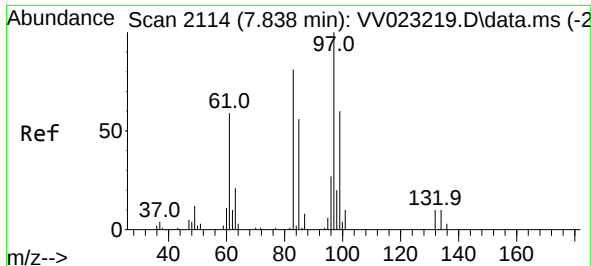
Tgt Ion: 91 Resp: 2555

Ion Ratio Lower Upper

91 100

92 59.8 40.4 75.0





#45

1,1,2-Trichloroethane

Concen: 0.150 ug/L

RT: 7.973 min Scan# 2114

Delta R.T. 0.135 min

Lab File: VV023244.D

Acq: 05 Nov 2021 19:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 928

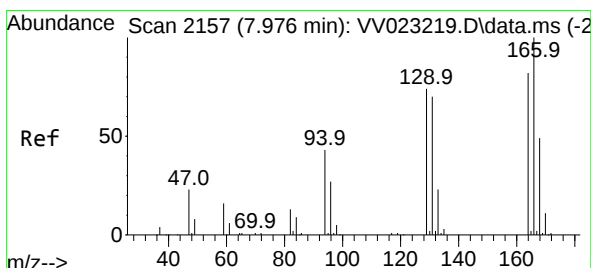
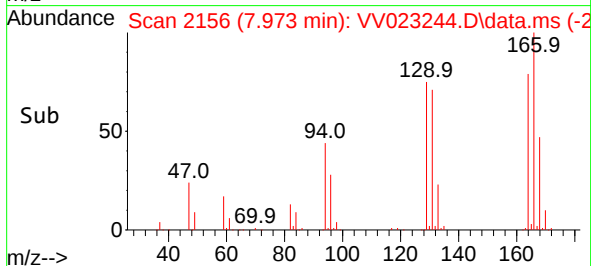
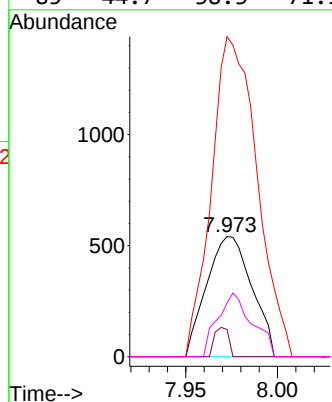
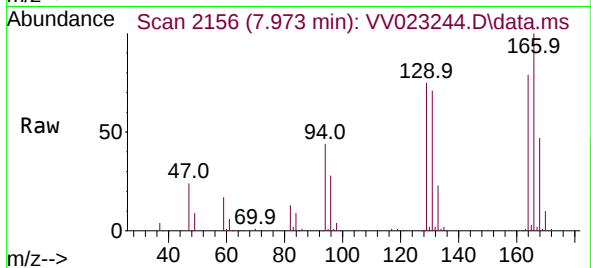
Ion Ratio Lower Upper

97 100

99 22.7 47.0 87.4#

83 266.4 62.6 116.3#

85 44.7 38.3 71.1



#47

Tetrachloroethene

Concen: 13.244 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV023244.D

Acq: 05 Nov 2021 19:54

Tgt Ion:164 Resp: 112696

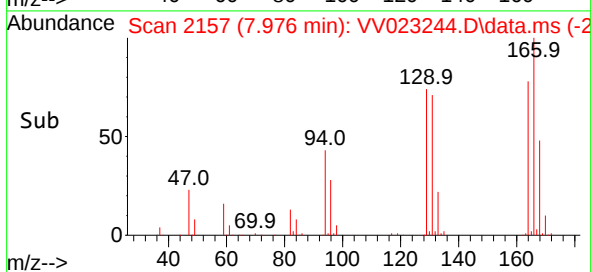
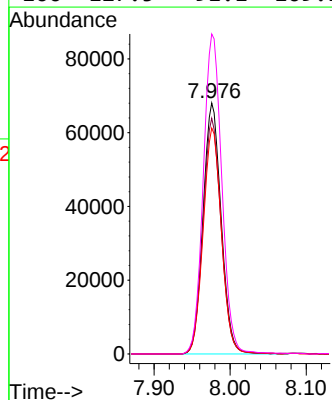
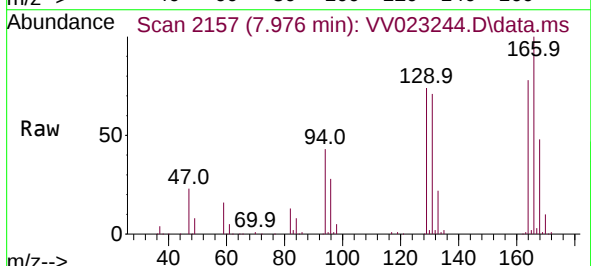
Ion Ratio Lower Upper

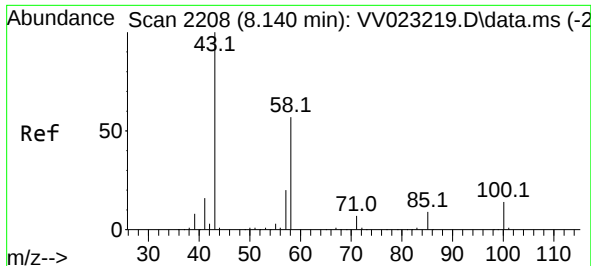
164 100

129 93.9 65.5 121.7

131 90.0 63.9 118.7

166 127.5 91.1 169.1

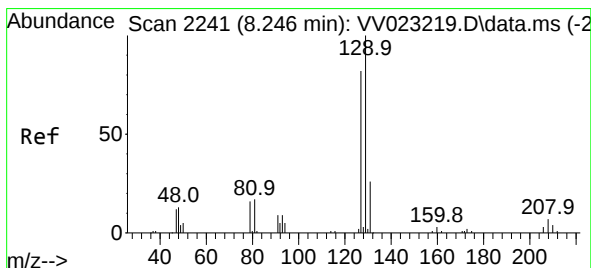
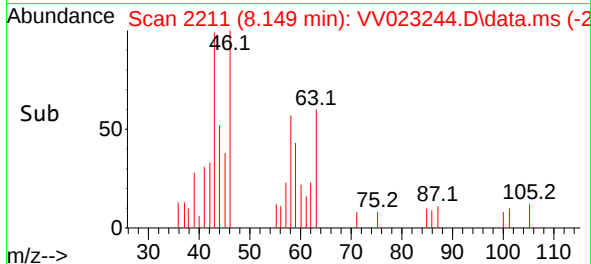
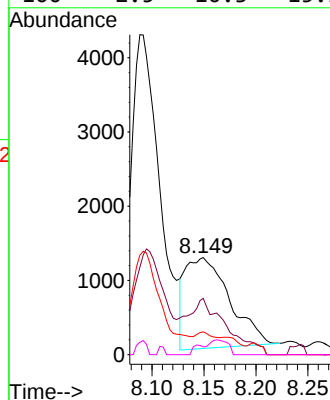
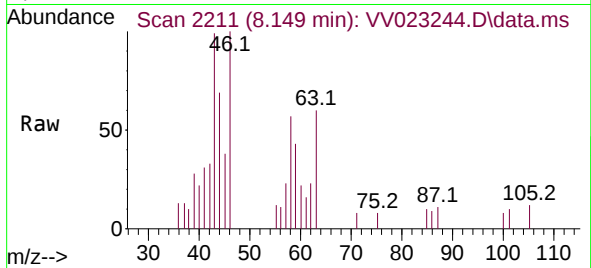




#48
2-Hexanone
Concen: 1.269 ug/L
RT: 8.149 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VV023244.D
Acq: 05 Nov 2021 19:54

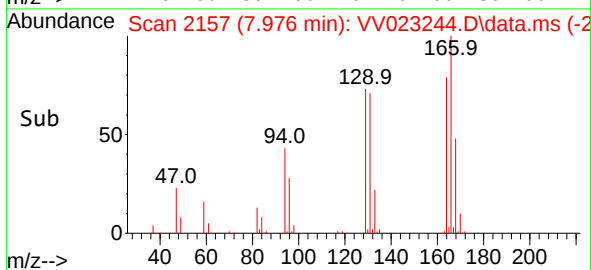
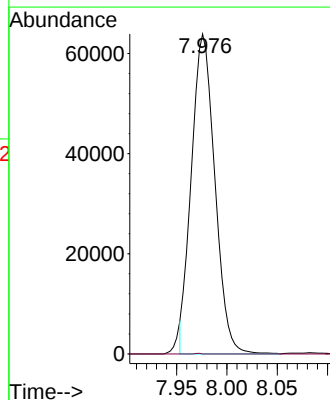
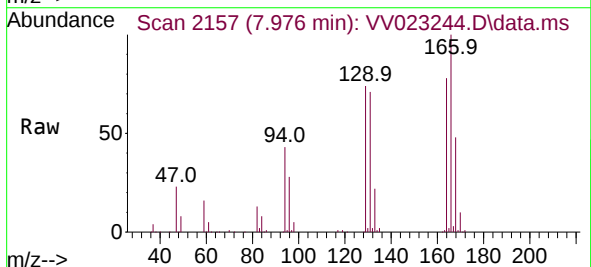
Instrument :
MSVOA_V
ClientSampleId :

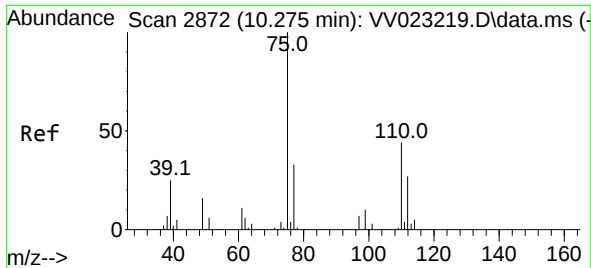
Tgt Ion: 43	Resp: 3638
Ion Ratio	Lower Upper
43 100	
58 47.6	43.0 64.6
57 2.7	14.9 22.3#
100 2.5	10.3 15.5#



#49
Dibromochloromethane
Concen: 13.171 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV023244.D
Acq: 05 Nov 2021 19:54

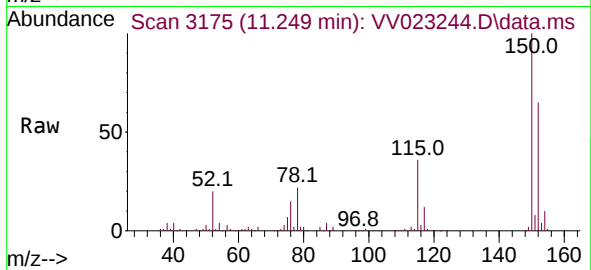
Tgt Ion:129	Resp: 103359		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	54.4	101.0#	





#61
 1,2,3-Trichloropropane
 Concen: 1.571 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV023244.D
 Acq: 05 Nov 2021 19:54

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6426
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.6 39.8
 110 2.4 33.0 49.4#

