

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111221\
 Data File : VV023440.D
 Acq On : 12 Nov 2021 13:30
 Operator : SY/MD
 Sample : M4580-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:12:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 04:43:24 2021
 Response via : Initial Calibration

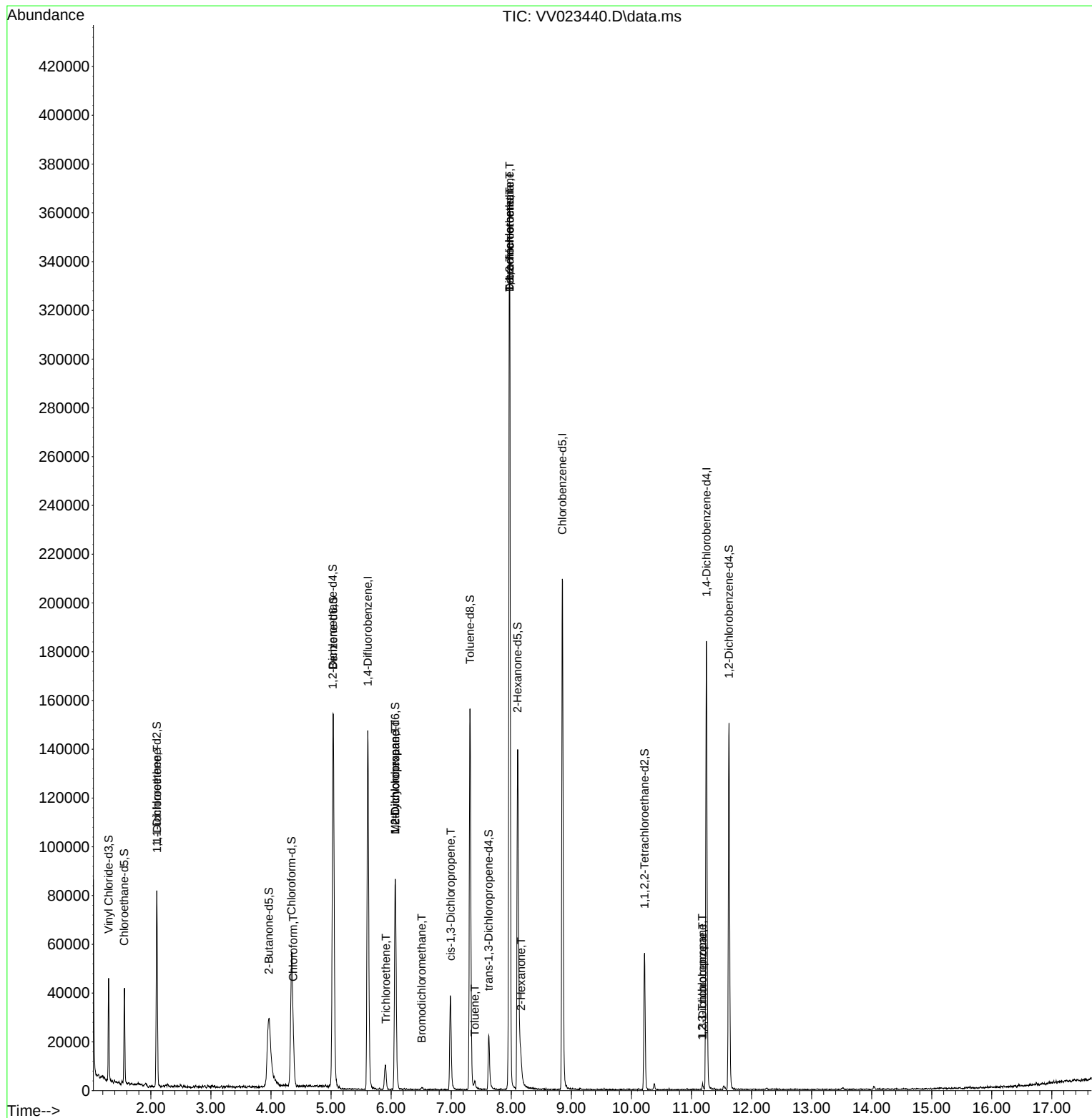
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	123658	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	115610	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49979	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	25838	3.335	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.800%	
7) Chloroethane-d5	1.558	69	23191	3.673	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.400%	
11) 1,1-Dichloroethene-d2	2.098	63	41469	2.859	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.200%#	
20) 2-Butanone-d5	3.963	46	72991	54.691	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.380%	
24) Chloroform-d	4.342	84	48814	2.957	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	59.200%#	
26) 1,2-Dichloroethane-d4	5.031	65	33333	4.490	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
32) Benzene-d6	5.037	84	116732	3.935	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.800%	
36) 1,2-Dichloropropane-d6	6.069	67	40590	4.648	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.000%	
41) Toluene-d8	7.313	98	103217	3.713	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.200%	
43) trans-1,3-Dichloroprop...	7.625	79	13228	3.995	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.000%	
46) 2-Hexanone-d5	8.104	63	44137	36.231	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	72.460%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	25871	4.120	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	39369	4.731	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.101	96	579	0.079	ug/L #	1
25) Chloroform	4.371	83	14741	0.904	ug/L	99
34) Trichloroethene	5.911	95	2590	0.301	ug/L	86
35) Methylcyclohexane	6.069	83	10174	0.750	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	4784	0.634	ug/L #	83
38) Bromodichloromethane	6.510	83	831	0.082	ug/L #	78
39) cis-1,3-Dichloropropene	6.992	75	1068	0.098	ug/L #	78
42) Toluene	7.394	91	2570	0.074	ug/L	92
45) 1,1,2-Trichloroethane	7.973	97	572	0.106	ug/L #	1
47) Tetrachloroethene	7.973	164	81488	10.942	ug/L	98
48) 2-Hexanone	8.162	43	6367	2.597	ug/L #	96
49) Dibromochloromethane	7.973	129	62001	9.028	ug/L #	10
61) 1,2,3-Trichloropropane	11.181	75	207	0.062	ug/L #	38
64) 1,3-Dichlorobenzene	11.185	146	983	0.067	ug/L	84

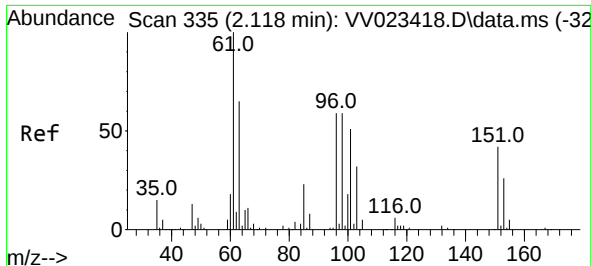
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 12 04:43:24 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.079 ug/L

RT: 2.101 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV023440.D

Acq: 12 Nov 2021 13:30

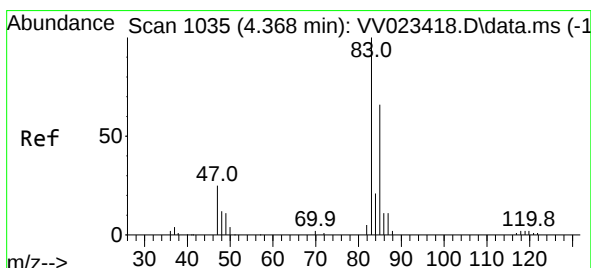
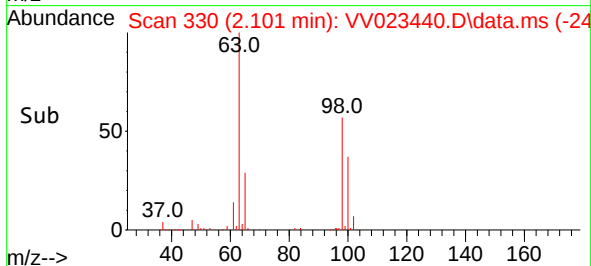
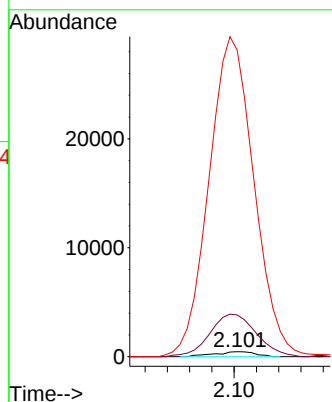
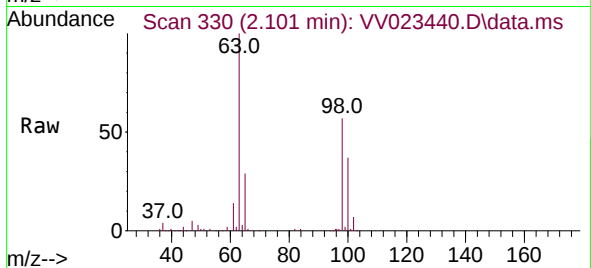
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 579

Ion	Ratio	Lower	Upper
96	100		
61	842.6	121.5	225.7#
63	6190.8	99.6	185.0#



#25

Chloroform

Concen: 0.904 ug/L

RT: 4.371 min Scan# 1036

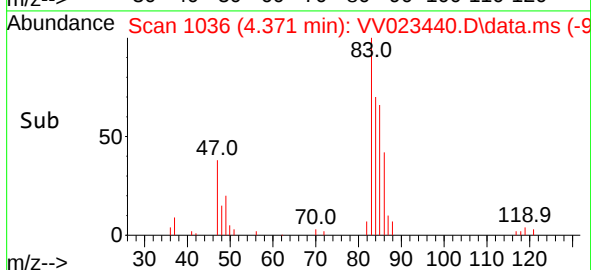
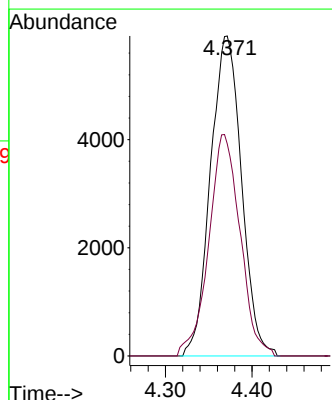
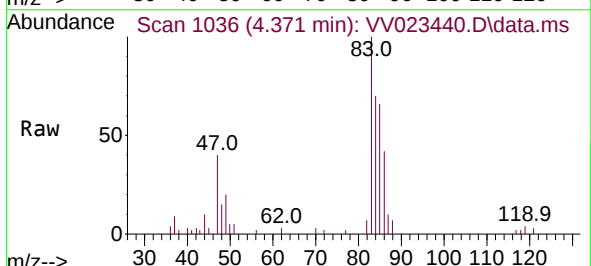
Delta R.T. 0.003 min

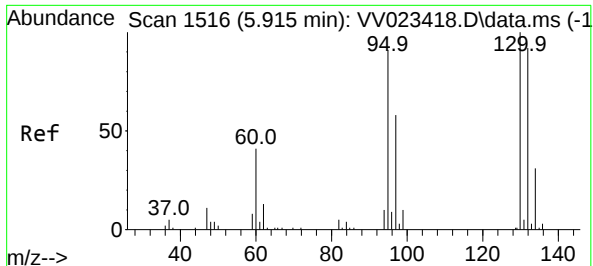
Lab File: VV023440.D

Acq: 12 Nov 2021 13:30

Tgt Ion: 83 Resp: 14741

Ion	Ratio	Lower	Upper
83	100		
85	66.3	46.8	86.8



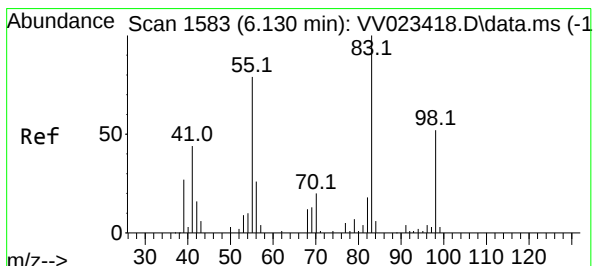
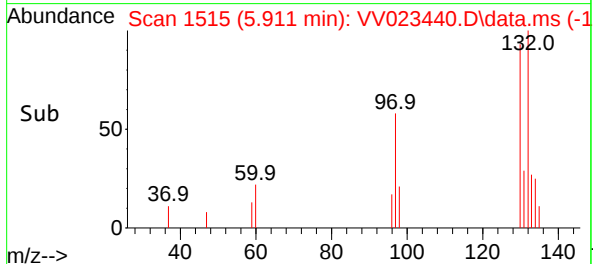
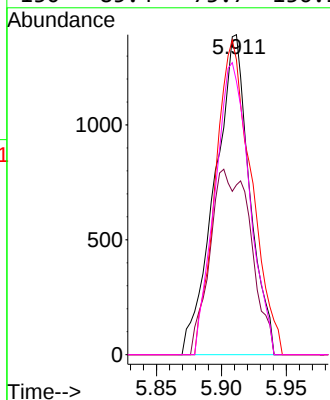
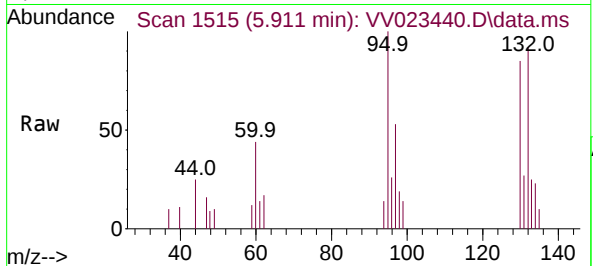


#34
Trichloroethene
Concen: 0.301 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV023440.D
Acq: 12 Nov 2021 13:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 2590

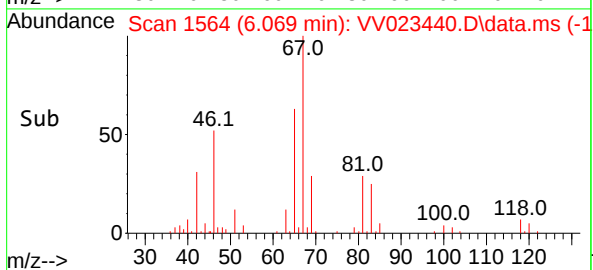
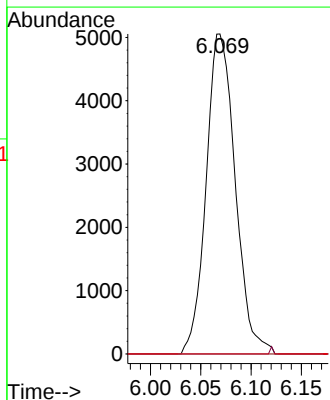
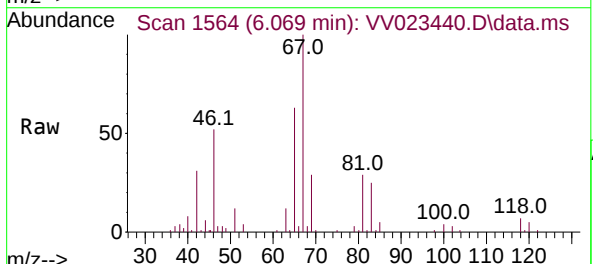
Ion	Ratio	Lower	Upper
95	100		
97	53.1	45.0	83.6
132	92.2	69.7	129.4
130	85.4	73.7	136.9

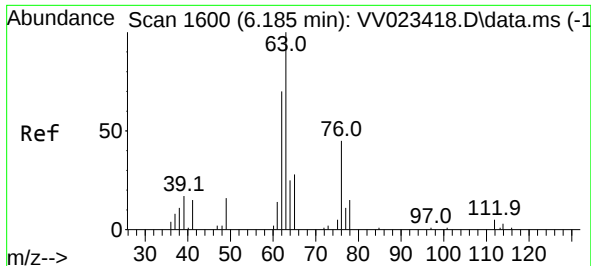


#35
Methylcyclohexane
Concen: 0.750 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023440.D
Acq: 12 Nov 2021 13:30

Tgt Ion: 83 Resp: 10174

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.8	94.2#
98	2.1	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.634 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.116 min

Lab File: VV023440.D

Acq: 12 Nov 2021 13:30

Instrument :

MSVOA_V

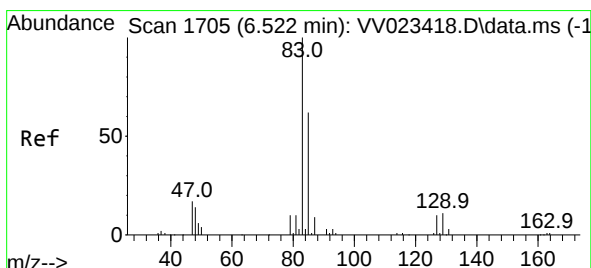
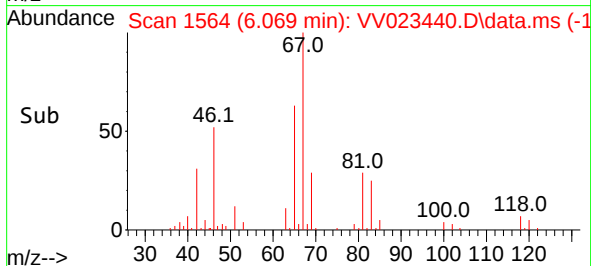
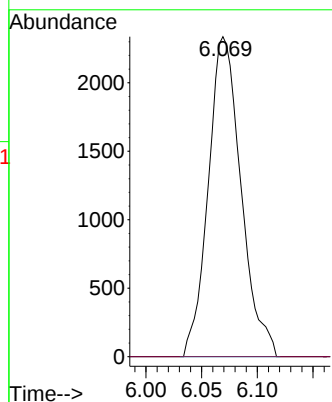
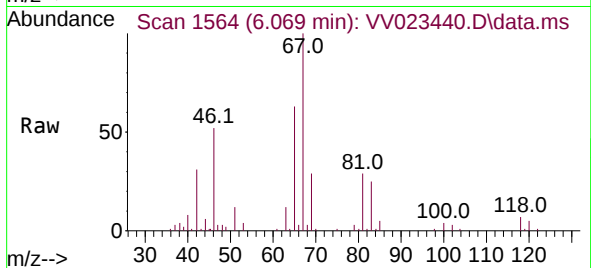
ClientSampleId :

Tgt Ion: 63 Resp: 4784

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#38

Bromodichloromethane

Concen: 0.082 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.013 min

Lab File: VV023440.D

Acq: 12 Nov 2021 13:30

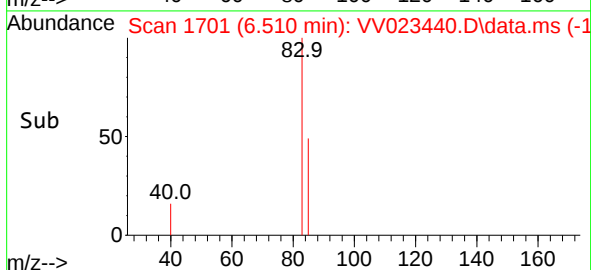
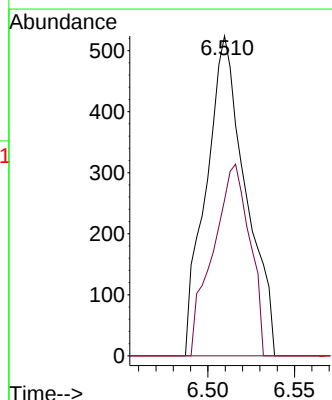
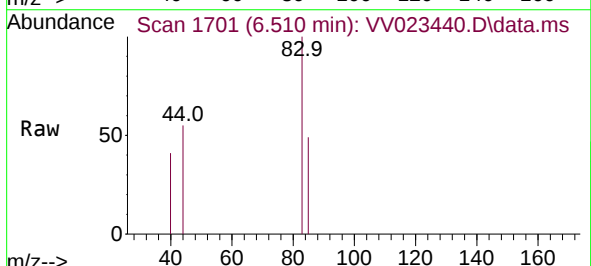
Tgt Ion: 83 Resp: 831

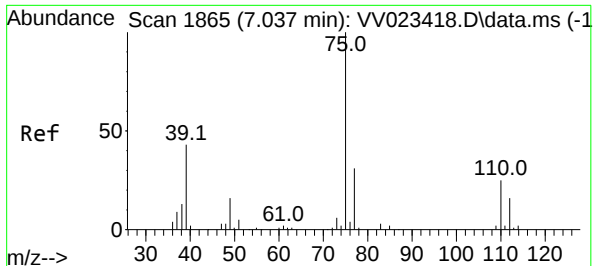
Ion Ratio Lower Upper

83 100

85 48.7 46.1 85.7

127 0.0 7.2 10.8#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.992 min Scan# 1865

Delta R.T. -0.045 min

Lab File: VV023440.D

Acq: 12 Nov 2021 13:30

Instrument :

MSVOA_V

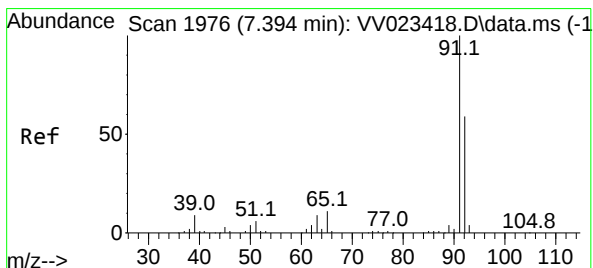
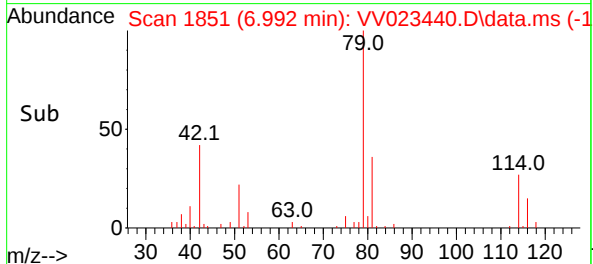
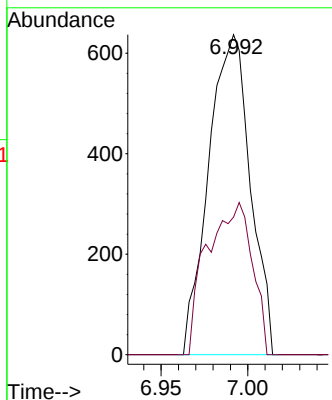
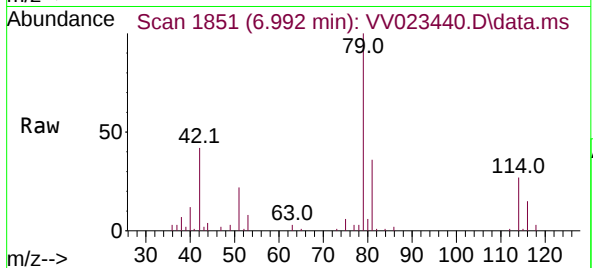
ClientSampleId :

Tgt Ion: 75 Resp: 1068

Ion Ratio Lower Upper

75 100

77 43.0 21.6 40.2#



#42

Toluene

Concen: 0.074 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VV023440.D

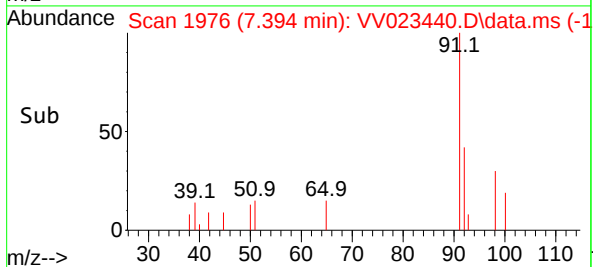
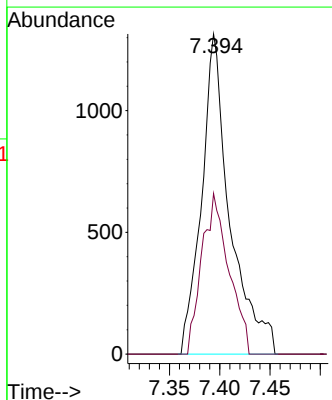
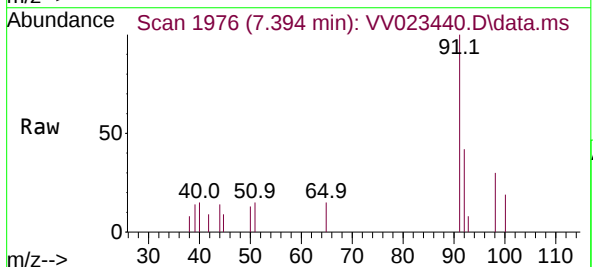
Acq: 12 Nov 2021 13:30

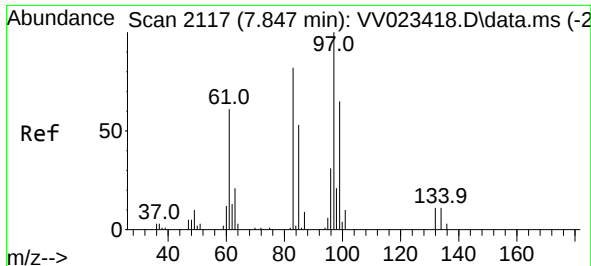
Tgt Ion: 91 Resp: 2570

Ion Ratio Lower Upper

91 100

92 50.2 39.3 72.9





#45

1,1,2-Trichloroethane

Concen: 0.106 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.125 min

Lab File: VV023440.D

Acq: 12 Nov 2021 13:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 572

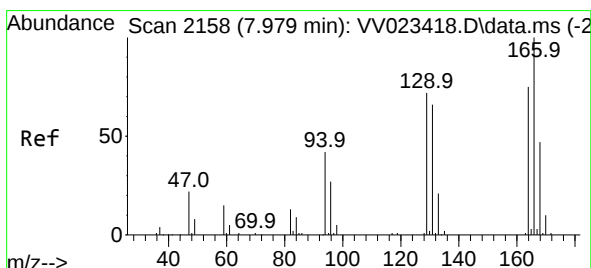
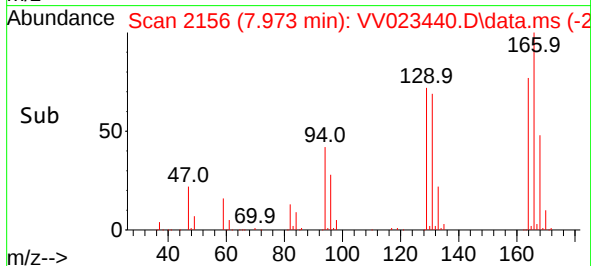
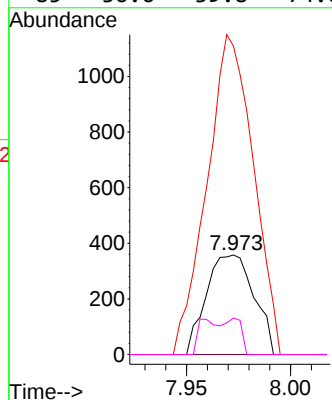
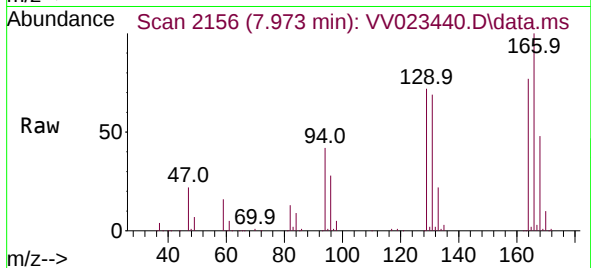
Ion Ratio Lower Upper

97 100

99 0.0 43.6 81.0#

83 309.8 58.4 108.4#

85 36.6 39.8 74.0#



#47

Tetrachloroethene

Concen: 10.942 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.007 min

Lab File: VV023440.D

Acq: 12 Nov 2021 13:30

Tgt Ion: 164 Resp: 81488

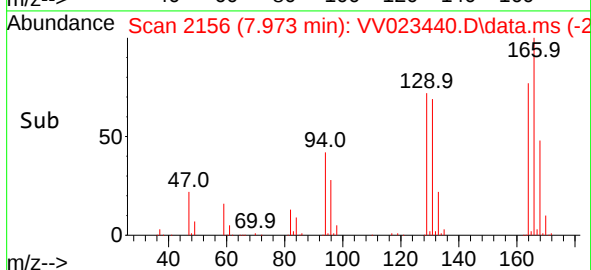
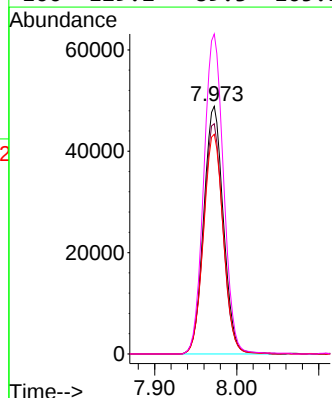
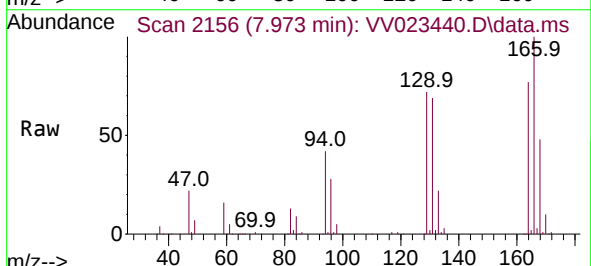
Ion Ratio Lower Upper

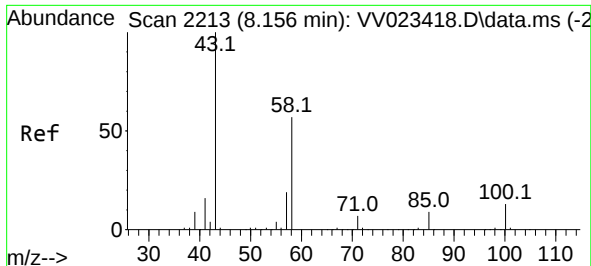
164 100

129 93.0 64.0 119.0

131 88.7 63.4 117.8

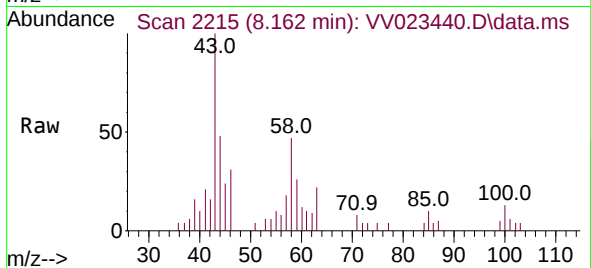
166 129.2 89.3 165.9



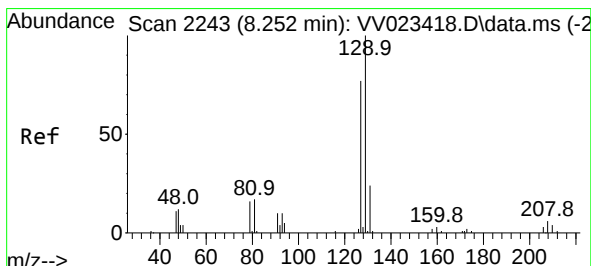
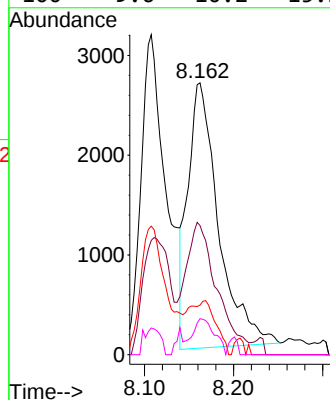
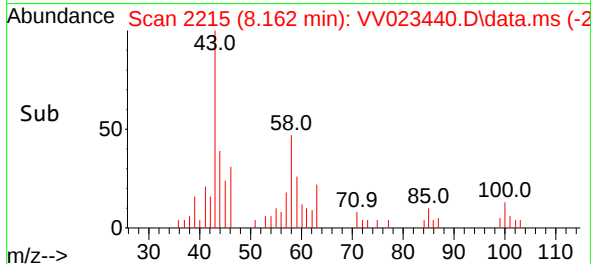


#48
2-Hexanone
Concen: 2.597 ug/L
RT: 8.162 min Scan# 2115
Delta R.T. 0.006 min
Lab File: VV023440.D
Acq: 12 Nov 2021 13:30

Instrument :
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ClientSampleId :

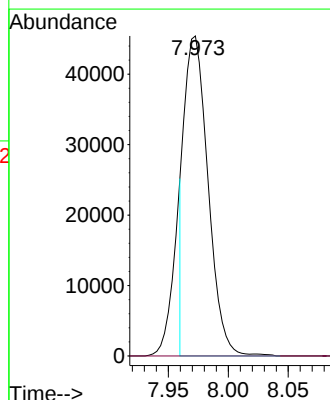
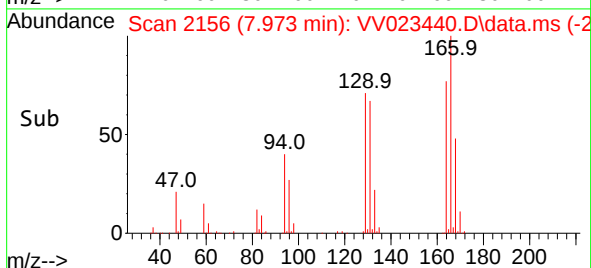
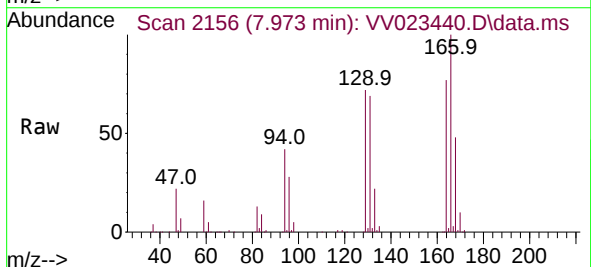


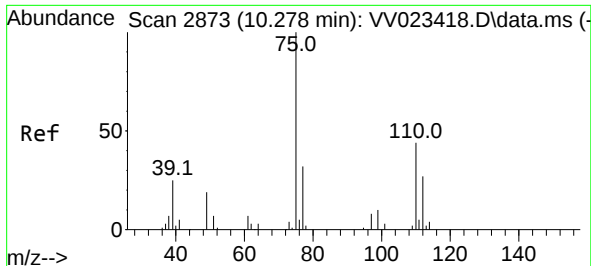
Tgt Ion: 43 Resp: 6367
Ion Ratio Lower Upper
43 100
58 51.5 43.7 65.5
57 18.1 14.1 21.1
100 9.6 10.2 15.2#



#49
Dibromochloromethane
Concen: 9.028 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.280 min
Lab File: VV023440.D
Acq: 12 Nov 2021 13:30

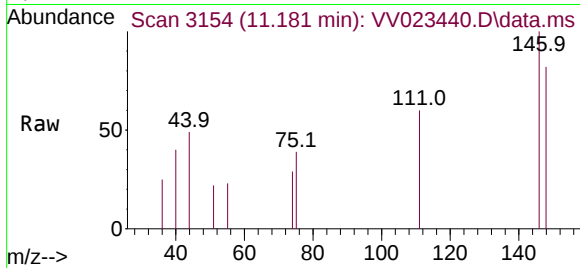
Tgt Ion: 129 Resp: 62001
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#



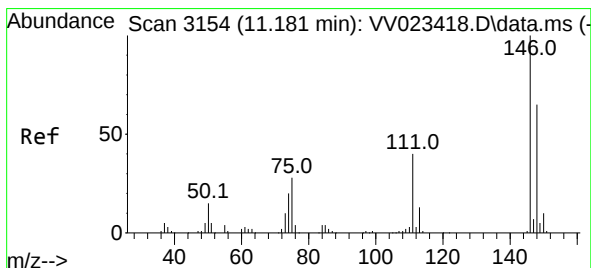
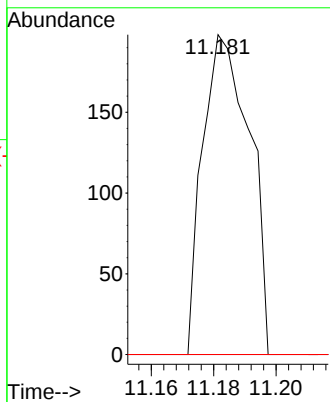
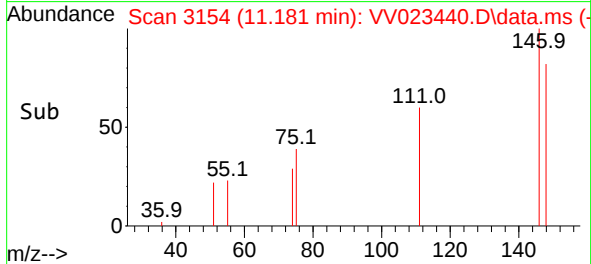


#61
1,2,3-Trichloropropane
Concen: 0.062 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.903 min
Lab File: VV023440.D
Acq: 12 Nov 2021 13:30

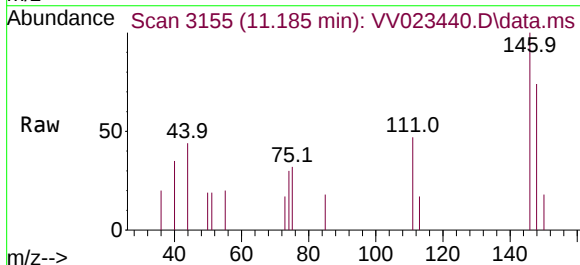
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 207
Ion Ratio Lower Upper
75 100
77 0.0 26.6 39.8#
110 0.0 31.8 47.6#



#64
1,3-Dichlorobenzene
Concen: 0.067 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV023440.D
Acq: 12 Nov 2021 13:30



Tgt Ion: 146 Resp: 983
Ion Ratio Lower Upper
146 100
111 47.2 26.7 49.7
148 74.0 42.9 79.7

