

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023405.D
 Acq On : 11 Nov 2021 22:11
 Operator : SY/MD
 Sample : M4580-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 02:09:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

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

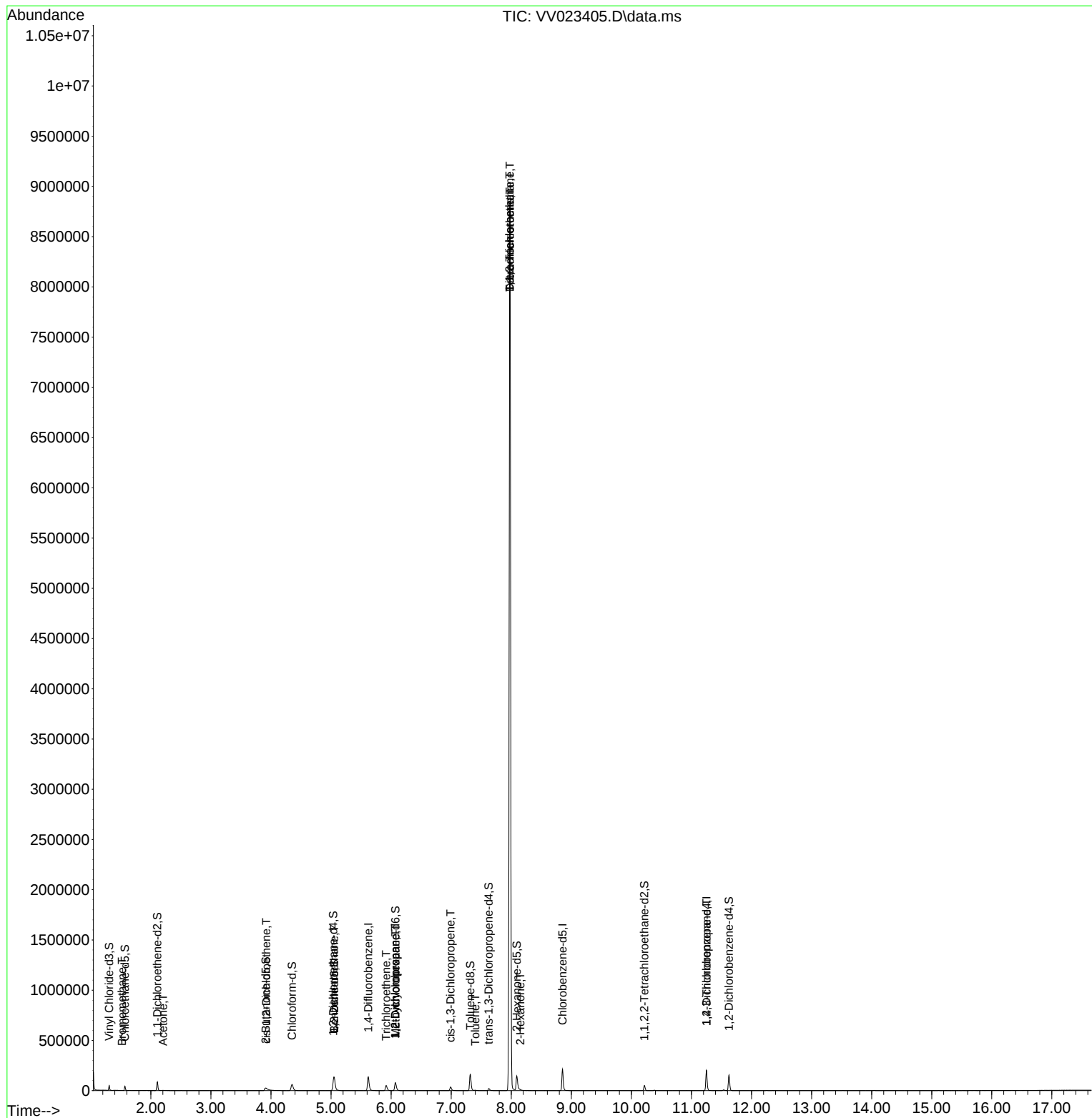
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122023	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	118445	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54187	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29266	3.828	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.568	69	25779	4.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.108	63	43631	3.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.000%
20) 2-Butanone-d5	3.912	46	57222	43.450	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.900%
24) Chloroform-d	4.352	84	63911	3.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
26) 1,2-Dichloroethane-d4	5.037	65	30626	4.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.053	84	125924	4.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.072	67	37538	4.196	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.317	98	108913	3.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.625	79	12970	3.823	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.091	63	51721	41.440	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24029	3.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	41578	4.608	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						Qvalue
6) Bromomethane	1.519	94	261	0.040	ug/L #	70
13) Acetone	2.201	43	2892	3.594	ug/L	97
22) cis-1,2-Dichloroethene	3.921	96	913	0.106	ug/L #	98
27) 1,2-Dichloroethane	5.053	62	696	0.081	ug/L #	72
34) Trichloroethene	5.918	95	18067	2.052	ug/L	96
35) Methylcyclohexane	6.072	83	9801	0.705	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	4437	0.574	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1016	0.091	ug/L #	55
42) Toluene	7.403	91	2673	0.075	ug/L	89
45) 1,1,2-Trichloroethane	7.976	97	16419	2.957	ug/L #	4
47) Tetrachloroethene	7.979	164	1922095	251.919	ug/L	99
48) 2-Hexanone	8.149	43	3488	1.389	ug/L #	46
49) Dibromochloromethane	7.979	129	1714497	243.668	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6446	1.791	ug/L #	66

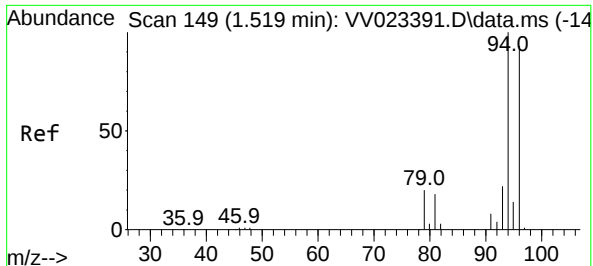
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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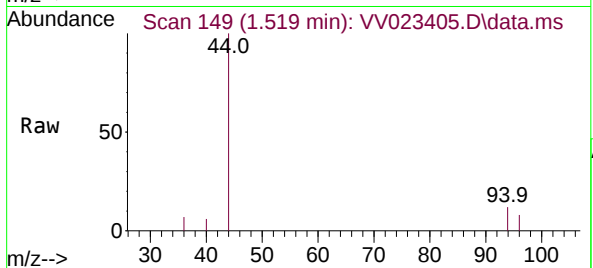
Quant Time: Nov 12 02:09:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 12 02:02:21 2021
Response via : Initial Calibration



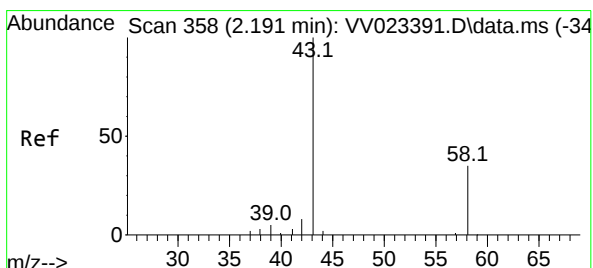
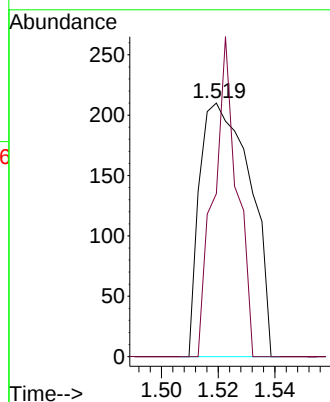
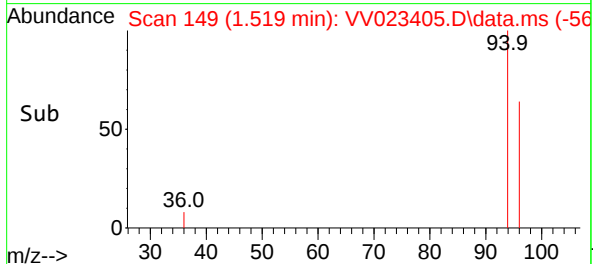


#6
Bromomethane
Concen: 0.040 ug/L
RT: 1.519 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV023405.D
Acq: 11 Nov 2021 22:11

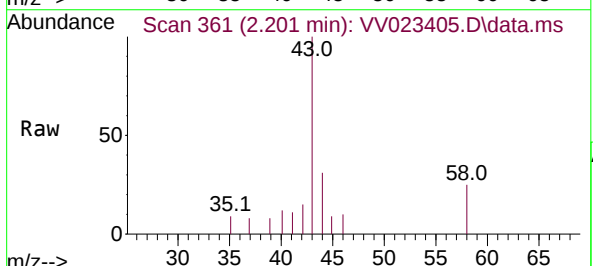
Instrument :
MSVOA_V
ClientSampleId :



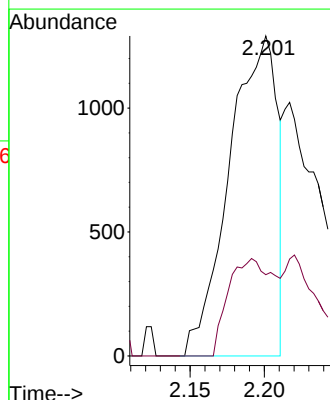
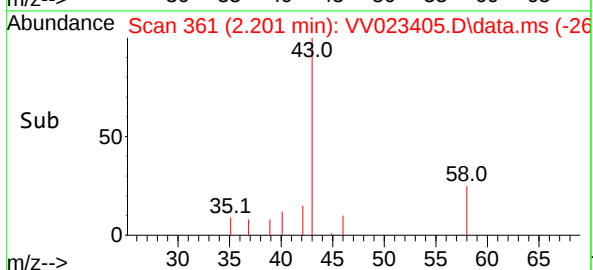
Tgt Ion: 94 Resp: 261
Ion Ratio Lower Upper
94 100
96 64.3 65.0 120.8#

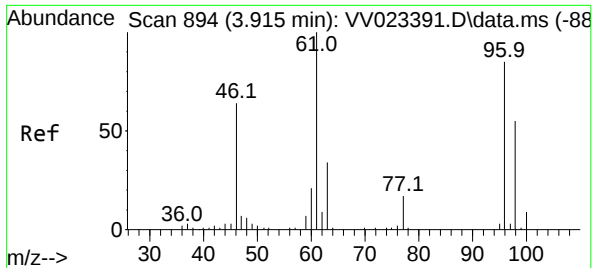


#13
Acetone
Concen: 3.594 ug/L
RT: 2.201 min Scan# 361
Delta R.T. 0.010 min
Lab File: VV023405.D
Acq: 11 Nov 2021 22:11



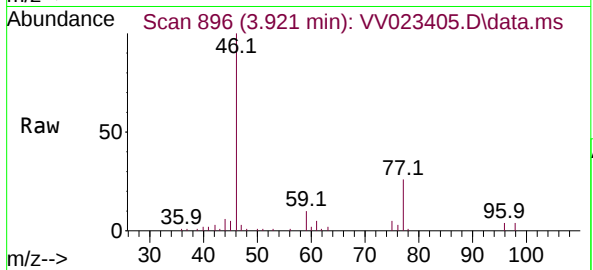
Tgt Ion: 43 Resp: 2892
Ion Ratio Lower Upper
43 100
58 29.3 0.0 55.4



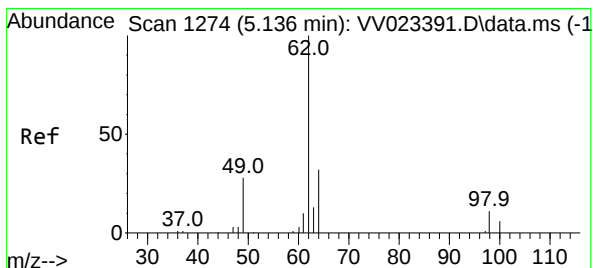
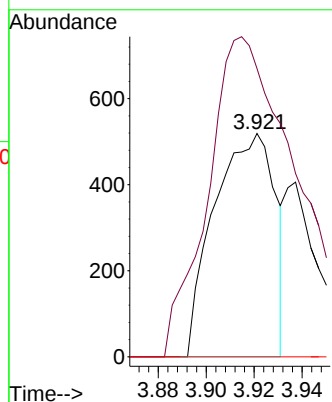
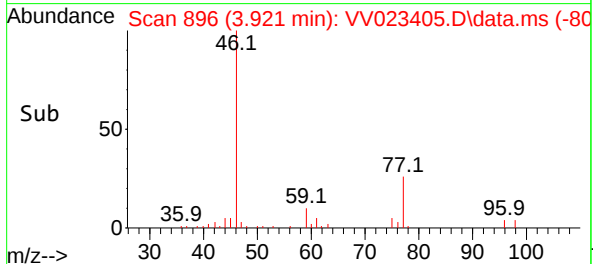


#22
 cis-1,2-Dichloroethene
 Concen: 0.106 ug/L
 RT: 3.921 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV023405.D
 Acq: 11 Nov 2021 22:11

Instrument :
 MSVOA_V
 ClientSampleId :

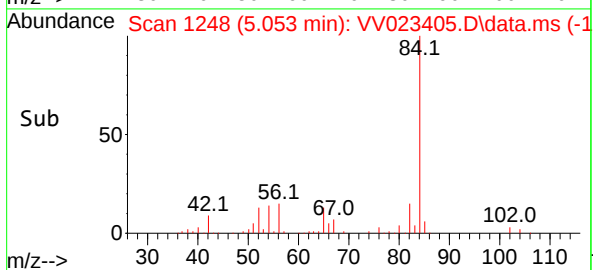
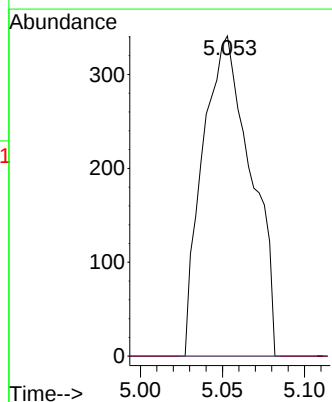
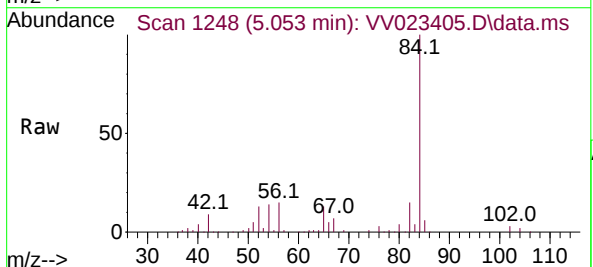


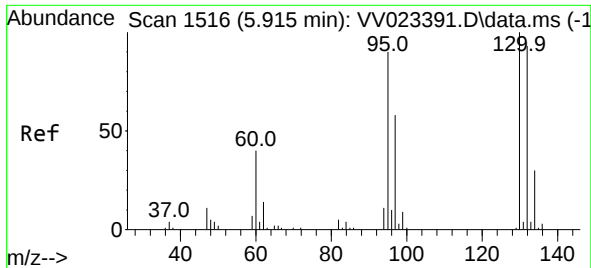
Tgt Ion: 96 Resp: 913
 Ion Ratio Lower Upper
 96 100
 61 129.1 92.3 171.3
 68 0.0 0.4 0.8#



#27
 1,2-Dichloroethane
 Concen: 0.081 ug/L
 RT: 5.053 min Scan# 1248
 Delta R.T. -0.084 min
 Lab File: VV023405.D
 Acq: 11 Nov 2021 22:11

Tgt Ion: 62 Resp: 696
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.4#



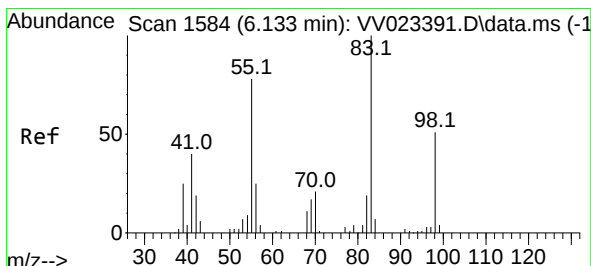
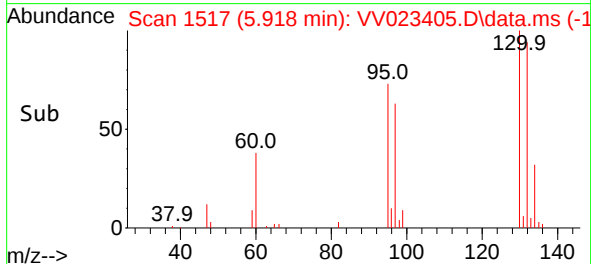
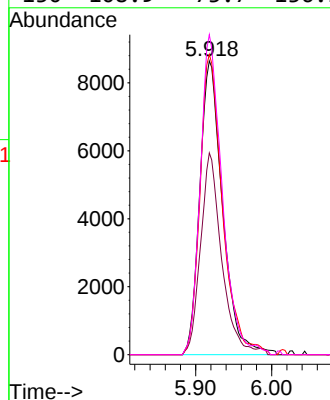
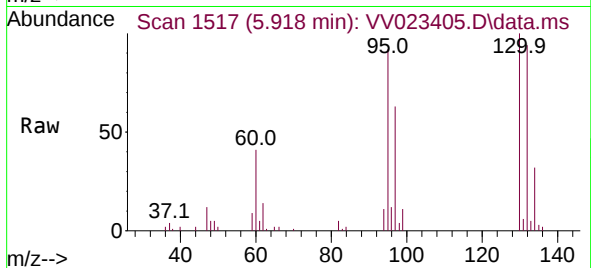


#34
Trichloroethene
Concen: 2.052 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023405.D
Acq: 11 Nov 2021 22:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 18067

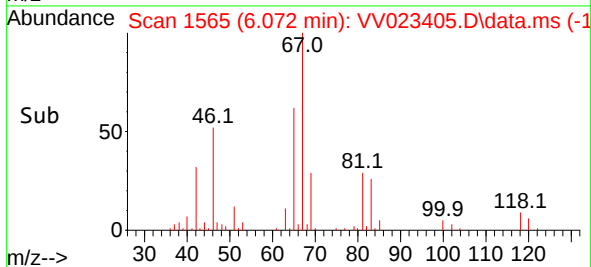
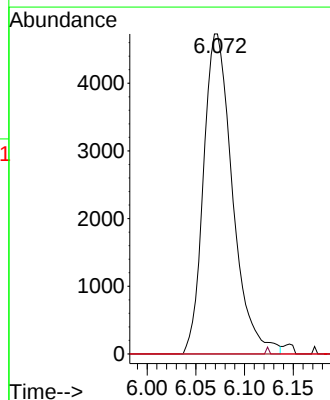
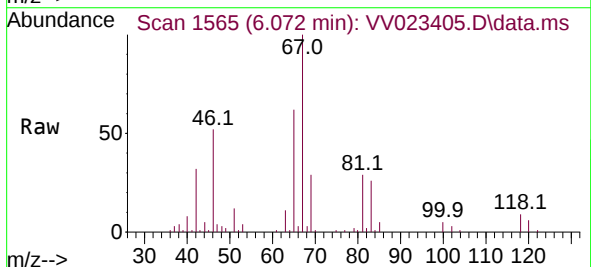
Ion	Ratio	Lower	Upper
95	100		
97	68.7	45.0	83.6
132	102.2	69.7	129.4
130	108.9	73.7	136.9

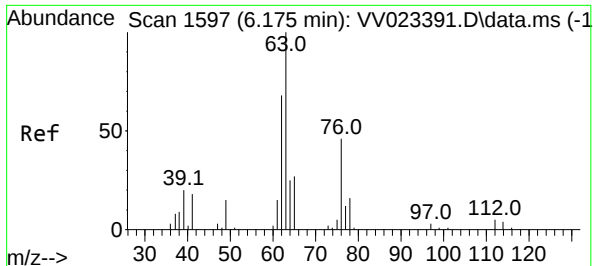


#35
Methylcyclohexane
Concen: 0.705 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023405.D
Acq: 11 Nov 2021 22:11

Tgt Ion: 83 Resp: 9801

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.8	94.2#
98	2.0	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.574 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV023405.D

Acq: 11 Nov 2021 22:11

Instrument :

MSVOA_V

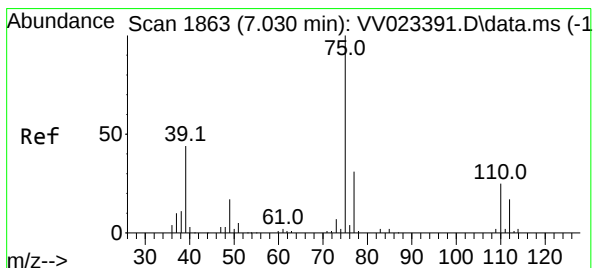
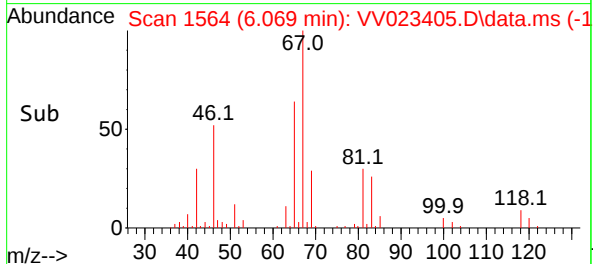
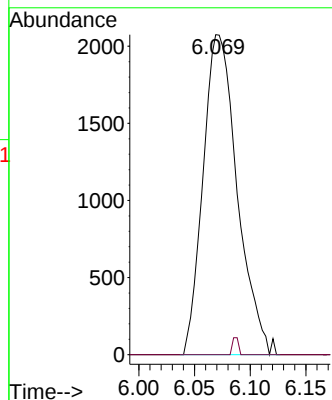
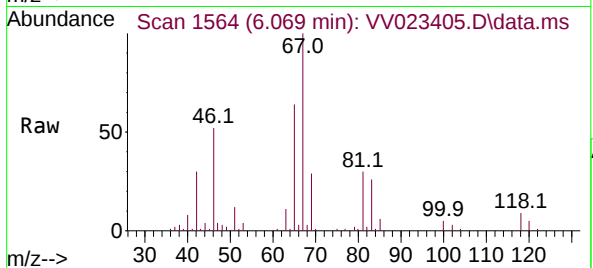
ClientSampleId :

Tgt Ion: 63 Resp: 4437

Ion Ratio Lower Upper

63 100

112 0.9 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV023405.D

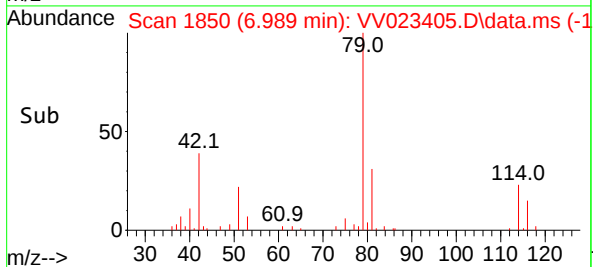
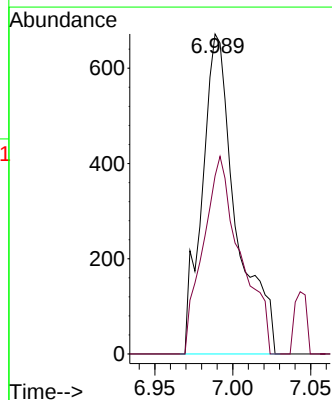
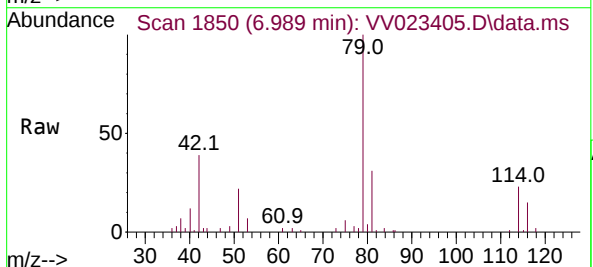
Acq: 11 Nov 2021 22:11

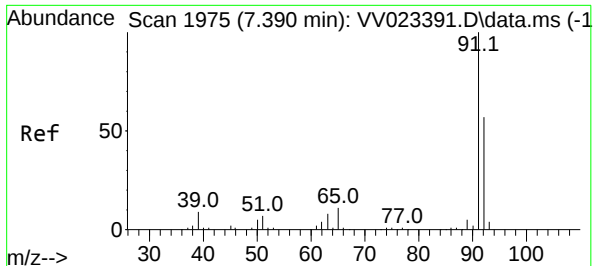
Tgt Ion: 75 Resp: 1016

Ion Ratio Lower Upper

75 100

77 55.7 21.6 40.2#





#42

Toluene

Concen: 0.075 ug/L

RT: 7.403 min Scan# 1975

Delta R.T. 0.013 min

Lab File: VV023405.D

Acq: 11 Nov 2021 22:11

Instrument :

MSVOA_V

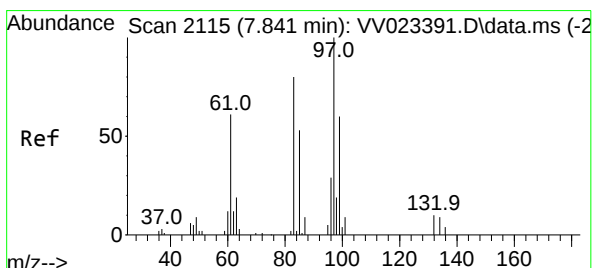
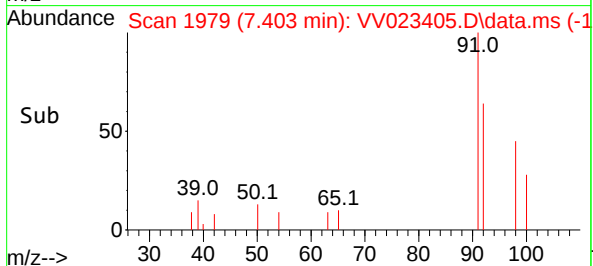
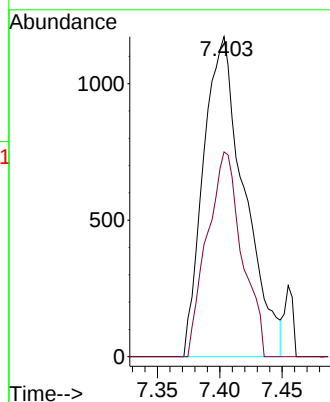
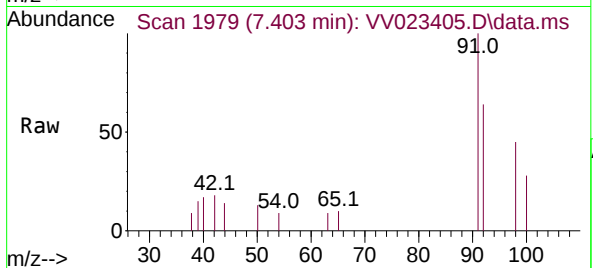
ClientSampleId :

Tgt Ion: 91 Resp: 2673

Ion Ratio Lower Upper

91 100

92 64.0 39.3 72.9



#45

1,1,2-Trichloroethane

Concen: 2.957 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.135 min

Lab File: VV023405.D

Acq: 11 Nov 2021 22:11

Tgt Ion: 97 Resp: 16419

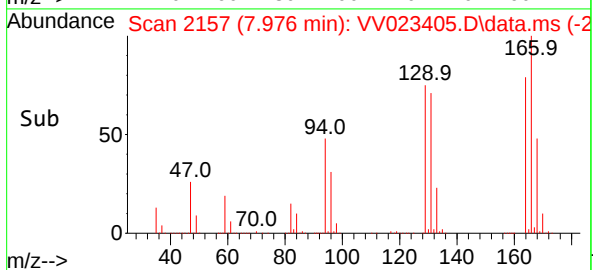
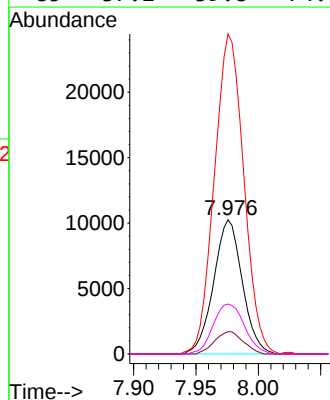
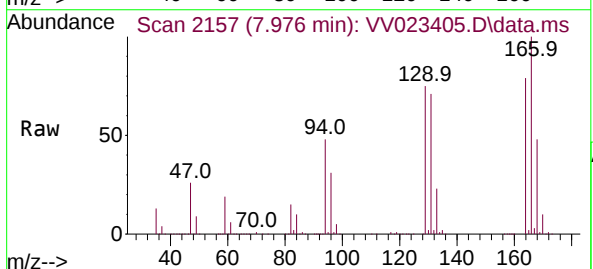
Ion Ratio Lower Upper

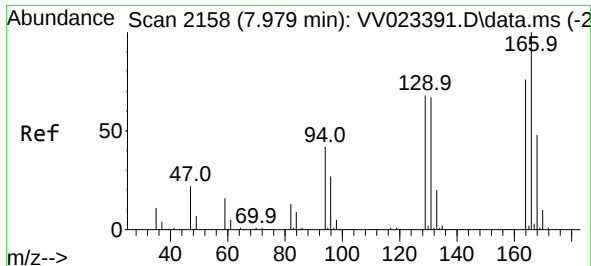
97 100

99 16.6 43.6 81.0#

83 238.5 58.4 108.4#

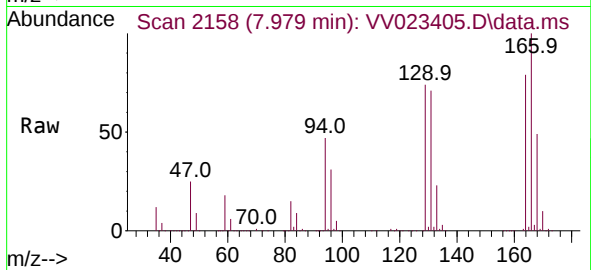
85 37.2 39.8 74.0#





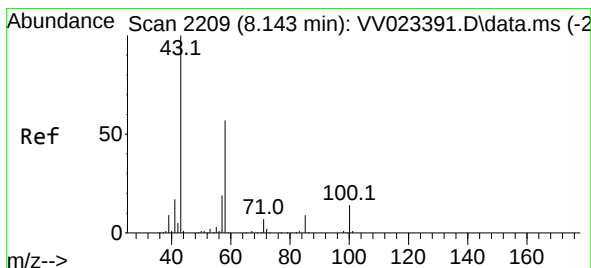
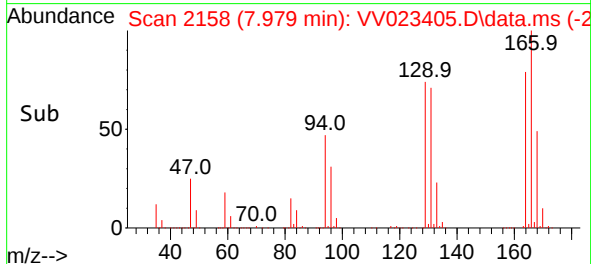
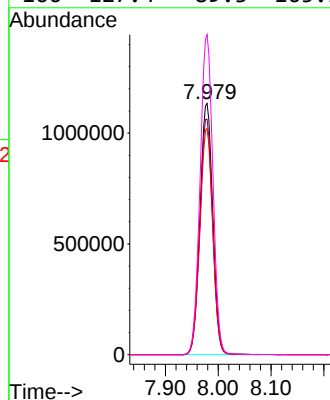
#47
Tetrachloroethene
Concen: 251.919 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV023405.D
Acq: 11 Nov 2021 22:11

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 1922095

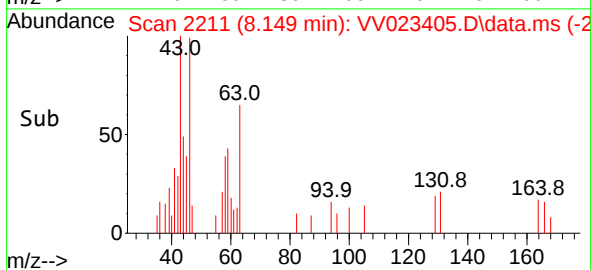
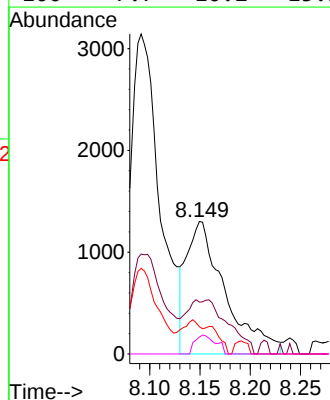
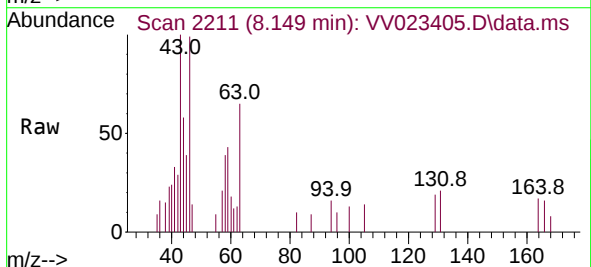
Ion	Ratio	Lower	Upper
164	100		
129	93.8	64.0	119.0
131	90.0	63.4	117.8
166	127.4	89.3	165.9

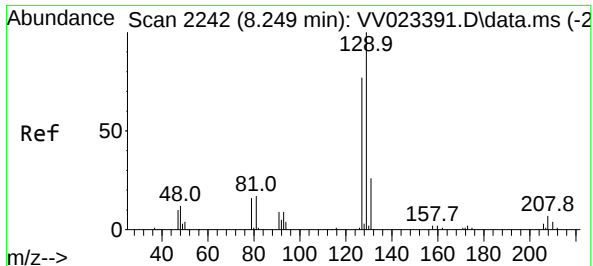


#48
2-Hexanone
Concen: 1.389 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.007 min
Lab File: VV023405.D
Acq: 11 Nov 2021 22:11

Tgt Ion: 43 Resp: 3488

Ion	Ratio	Lower	Upper
43	100		
58	3.9	43.7	65.5#
57	3.9	14.1	21.1#
100	7.7	10.2	15.2#





#49

Dibromochloromethane

Concen: 243.668 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.270 min

Lab File: VV023405.D

Acq: 11 Nov 2021 22:11

Instrument :

MSVOA_V

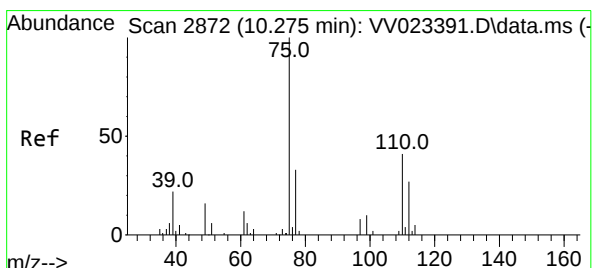
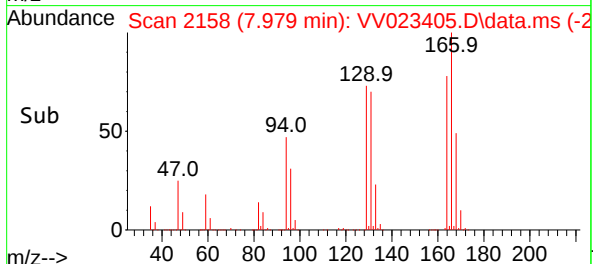
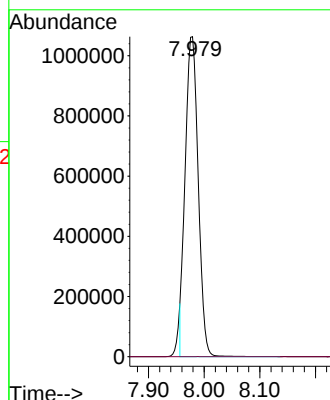
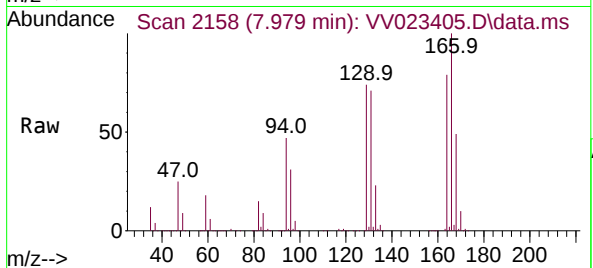
ClientSampleId :

Tgt Ion:129 Resp: 1714497

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.791 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023405.D

Acq: 11 Nov 2021 22:11

Tgt Ion: 75 Resp: 6446

Ion Ratio Lower Upper

75 100

77 32.4 26.6 39.8

110 2.1 31.8 47.6#

