

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022468.D
 Acq On : 01 Oct 2021 06:05
 Operator : SY/MD
 Sample : M3997-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A53

Quant Time: Oct 01 06:29:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 04:27:45 2021
 Response via : Initial Calibration

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

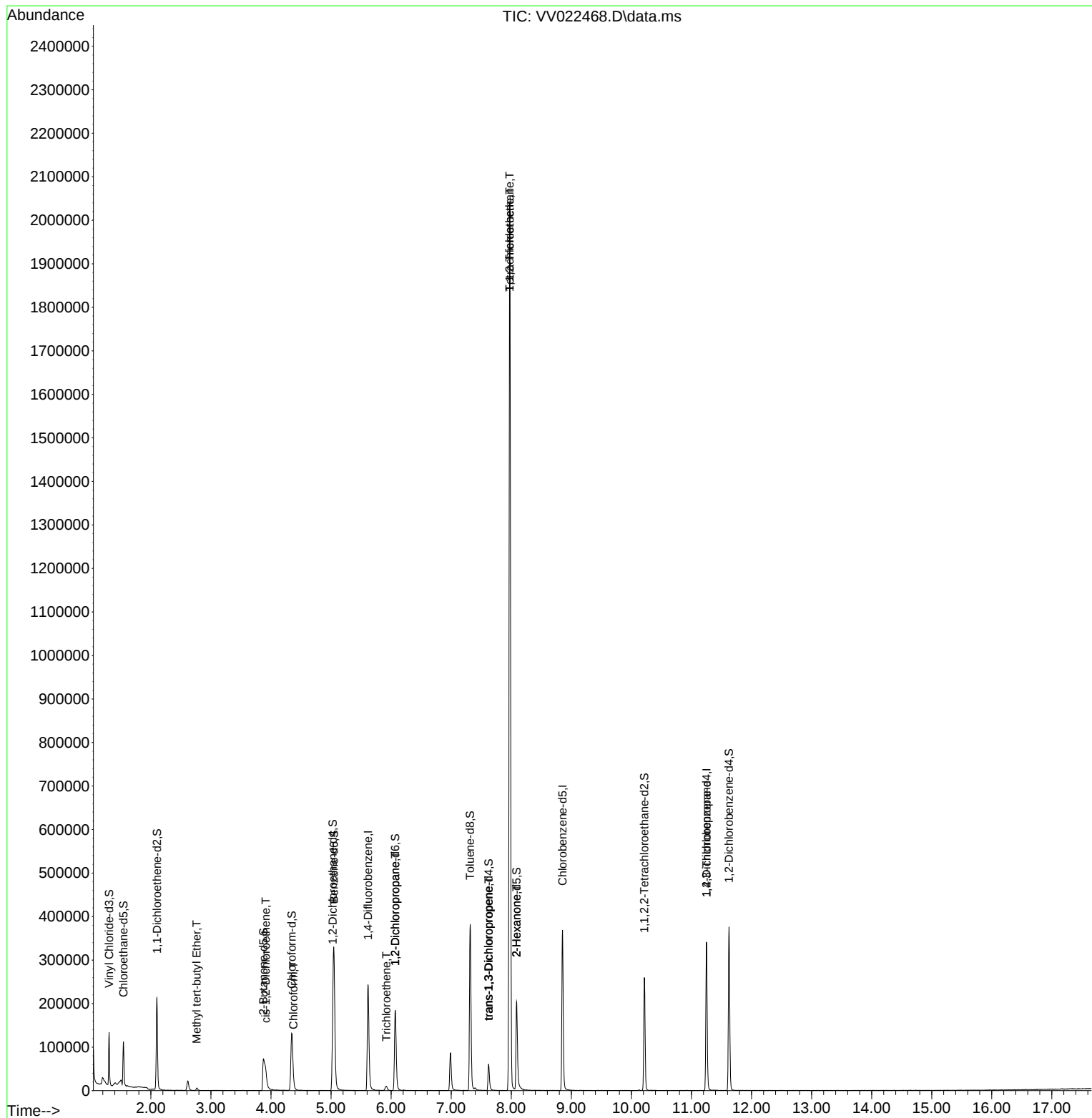
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	215632	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	211959	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93294	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76463	41.784	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.560%		
7) Chloroethane-d5	1.542	69	65883	45.518	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.040%		
11) 1,1-Dichloroethene-d2	2.101	63	107664	33.839	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.680%		
21) 2-Butanone-d5	3.873	46	106270	82.286	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.290%		
24) Chloroform-d	4.346	84	139028	42.074	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.140%		
26) 1,2-Dichloroethane-d4	5.031	65	84786	41.841	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.680%		
32) Benzene-d6	5.047	84	289728	43.450	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.900%		
36) 1,2-Dichloropropane-d6	6.069	67	90418	42.385	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.780%		
41) Toluene-d8	7.317	98	253420	41.522	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.040%		
43) trans-1,3-Dichloroprop...	7.622	79	35732	36.682	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.360%		
47) 2-Hexanone-d5	8.088	63	70788	81.665	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.670%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	122951	39.705	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.400%		
66) 1,2-Dichlorobenzene-d4	11.625	152	99873	48.143	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.280%		
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	2.764	73	4569	0.939	ug/L #	85
20) cis-1,2-Dichloroethene	3.912	96	17328	9.947	ug/L	98
25) Chloroform	4.375	83	3285	1.080	ug/L	84
34) Trichloroethene	5.921	95	2311	1.389	ug/L #	87
37) 1,2-Dichloropropane	6.069	63	9760	5.879	ug/L #	86
44) trans-1,3-Dichloropropene	7.625	75	1706	0.731	ug/L	88
45) 1,1,2-Trichloroethane	7.973	97	3628	2.147	ug/L #	1
46) Tetrachloroethene	7.976	164	467855	341.583	ug/L	98
48) 2-Hexanone	8.088	43	7924	4.467	ug/L #	68
61) 1,2,3-Trichloropropane	11.249	75	10226	5.875	ug/L #	65

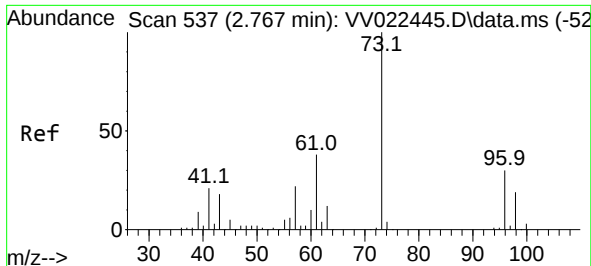
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022468.D
Acq On : 01 Oct 2021 06:05
Operator : SY/MD
Sample : M3997-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4A53

Quant Time: Oct 01 06:29:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 01 04:27:45 2021
Response via : Initial Calibration

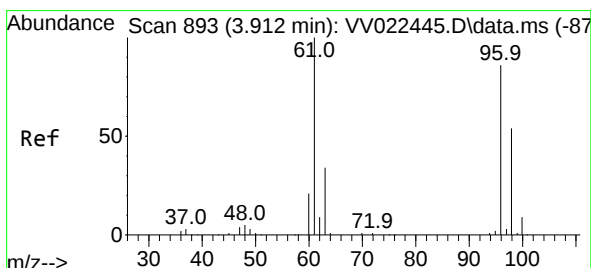
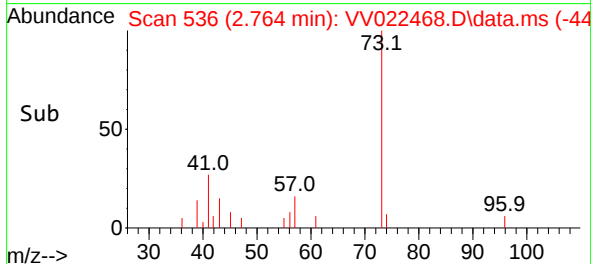
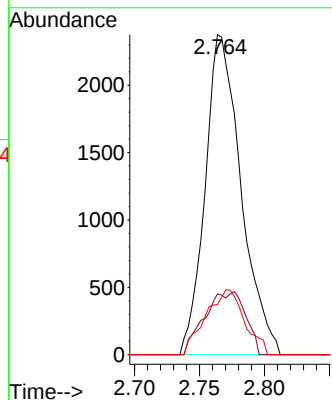
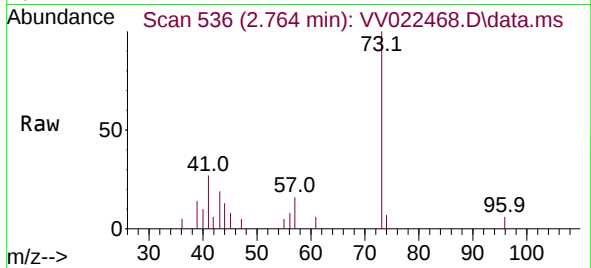




#18
Methyl tert-butyl Ether
Concen: 0.939 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV022468.D
Acq: 01 Oct 2021 06:05

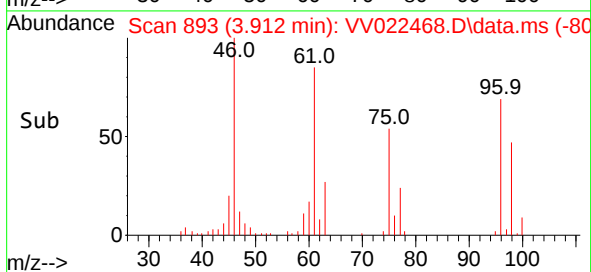
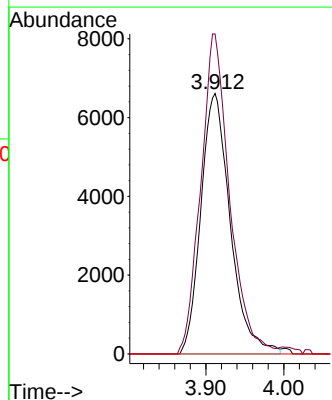
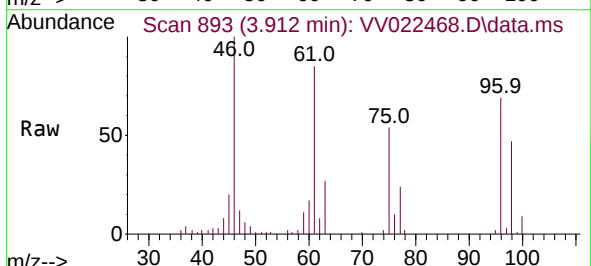
Instrument :
MSVOA_V
ClientSampleId :
F4A53

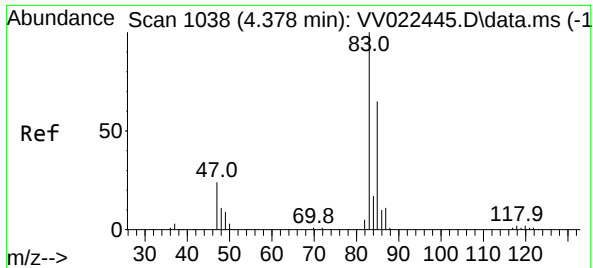
Tgt Ion: 73 Resp: 4569
Ion Ratio Lower Upper
73 100
43 12.7 14.6 21.8#
57 13.5 17.6 26.4#



#20
cis-1,2-Dichloroethene
Concen: 9.947 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV022468.D
Acq: 01 Oct 2021 06:05

Tgt Ion: 96 Resp: 17328
Ion Ratio Lower Upper
96 100
61 122.8 84.6 157.0
68 0.0 0.0 0.0





#25

Chloroform

Concen: 1.080 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV022468.D

Acq: 01 Oct 2021 06:05

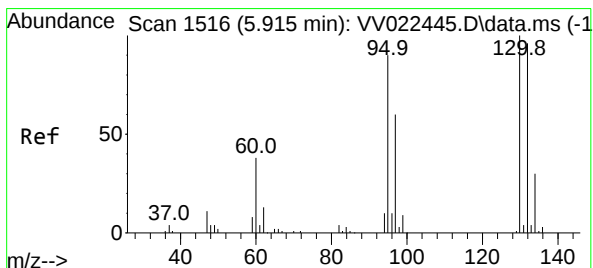
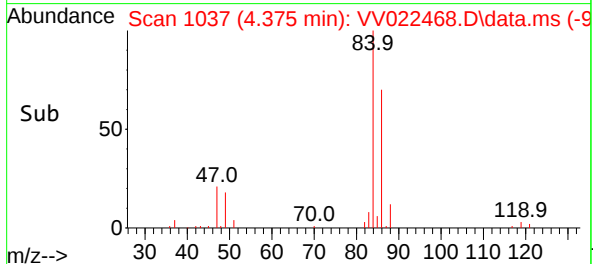
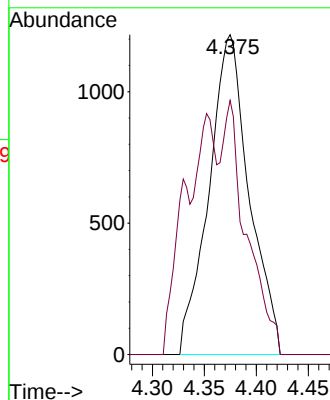
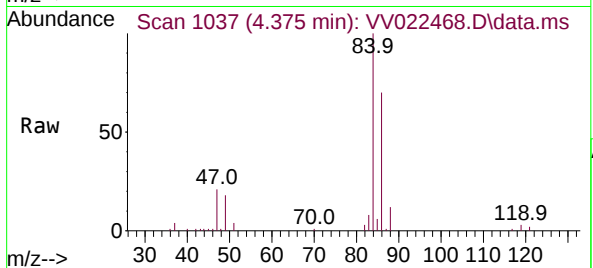
Instrument :
MSVOA_V
ClientSampleId :
F4A53

Tgt Ion: 83 Resp: 3285

Ion Ratio Lower Upper

83 100

85 79.5 46.5 86.3



#34

Trichloroethene

Concen: 1.389 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VV022468.D

Acq: 01 Oct 2021 06:05

Tgt Ion: 95 Resp: 2311

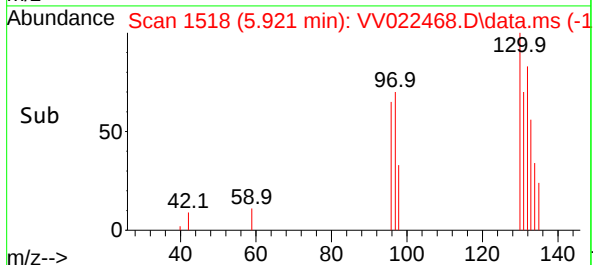
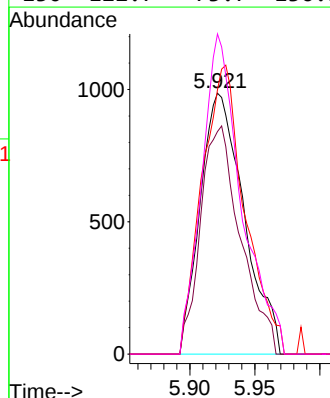
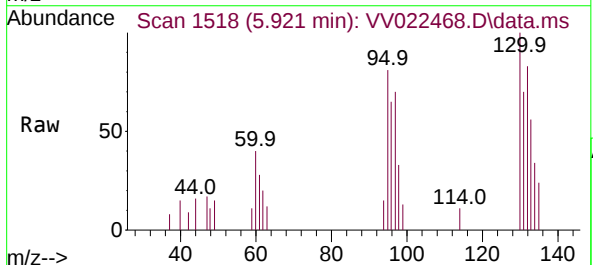
Ion Ratio Lower Upper

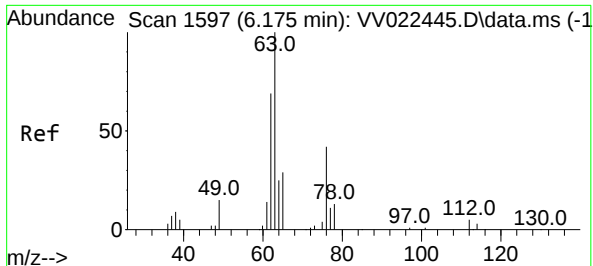
95 100

97 85.3 45.2 84.0#

132 101.3 71.0 131.8

130 122.7 73.7 136.9



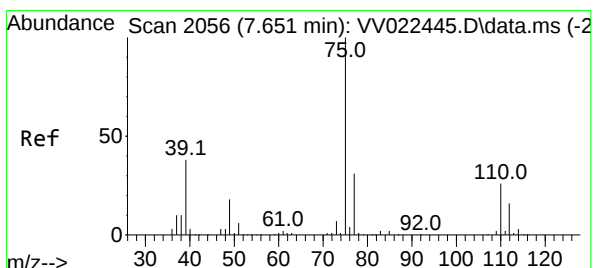
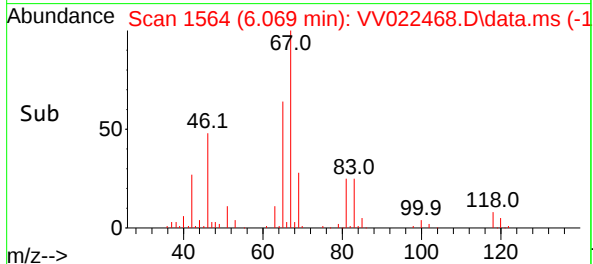
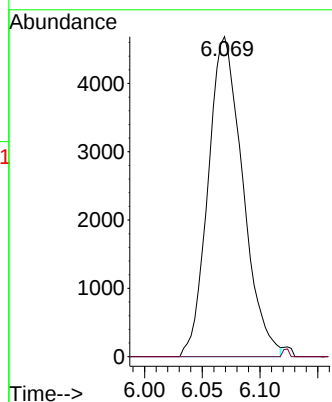
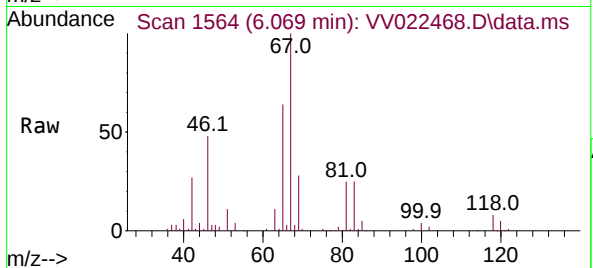


#37

1,2-Dichloropropane
Concen: 5.879 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV022468.D
Acq: 01 Oct 2021 06:05

Instrument :
MSVOA_V
ClientSampled :
F4A53

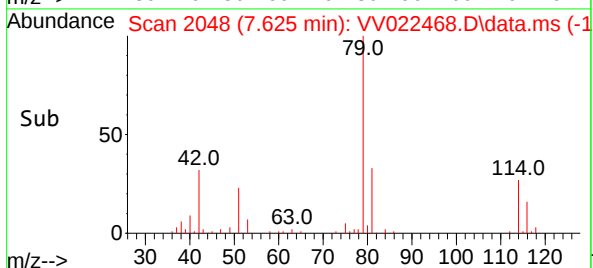
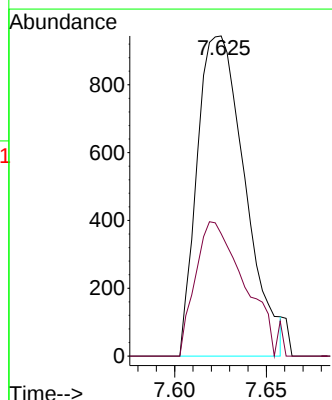
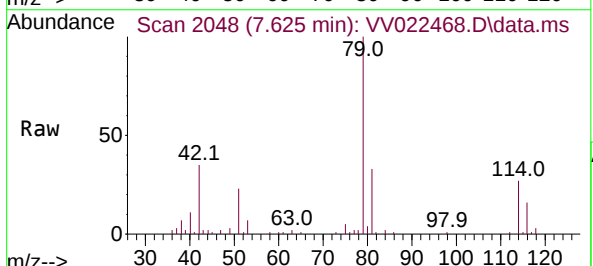
Tgt Ion: 63 Resp: 9760
Ion Ratio Lower Upper
63 100
112 0.4 3.9 5.9#

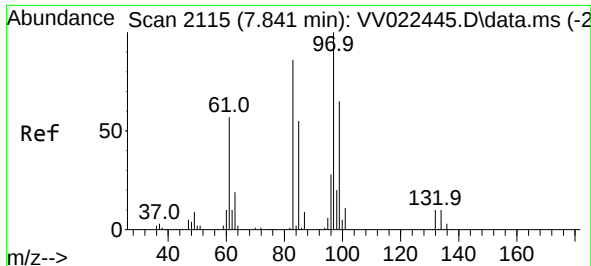


#44

trans-1,3-Dichloropropene
Concen: 0.731 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022468.D
Acq: 01 Oct 2021 06:05

Tgt Ion: 75 Resp: 1706
Ion Ratio Lower Upper
75 100
77 38.2 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 2.147 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.132 min

Lab File: VV022468.D

Acq: 01 Oct 2021 06:05

Tgt Ion: 97 Resp: 3628

Ion Ratio Lower Upper

97 100

99 13.9 44.6 82.8#

83 269.9 59.8 111.1#

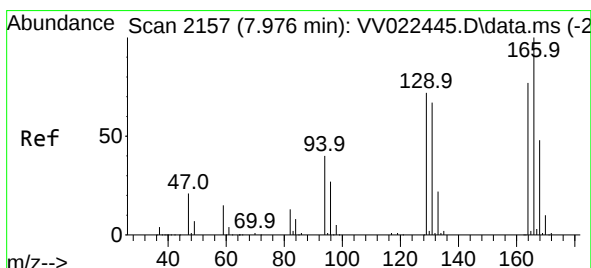
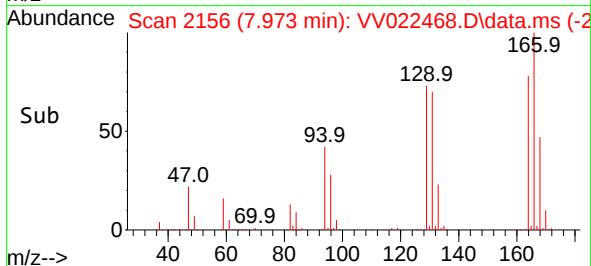
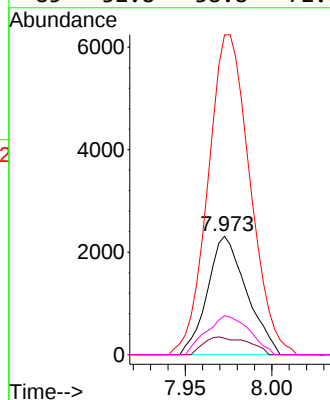
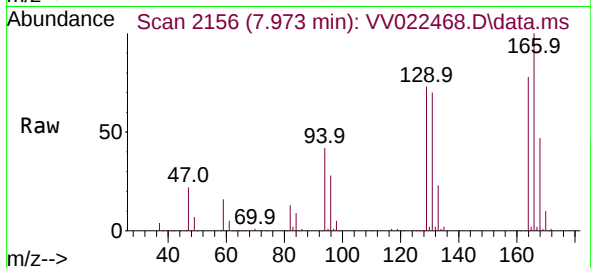
85 32.8 38.8 72.0#

Instrument :

MSVOA_V

ClientSampled :

F4A53



#46

Tetrachloroethene

Concen: 341.583 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV022468.D

Acq: 01 Oct 2021 06:05

Tgt Ion:164 Resp: 467855

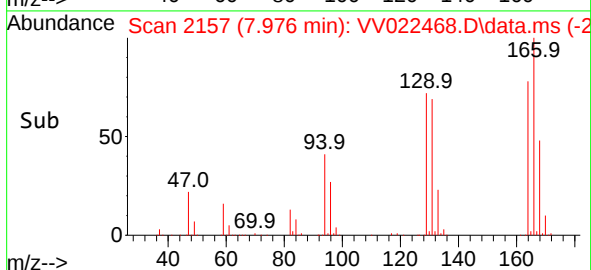
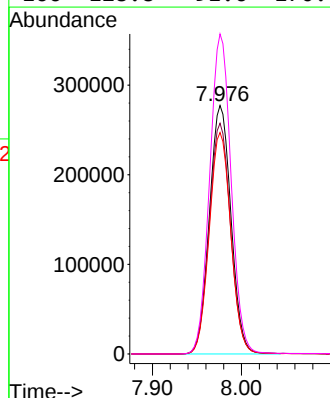
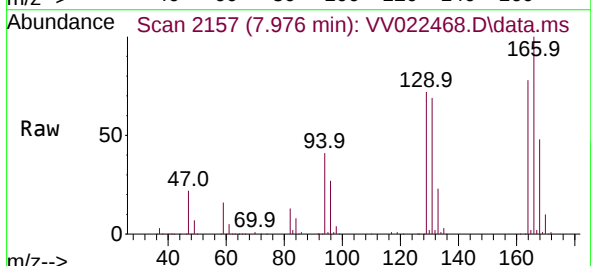
Ion Ratio Lower Upper

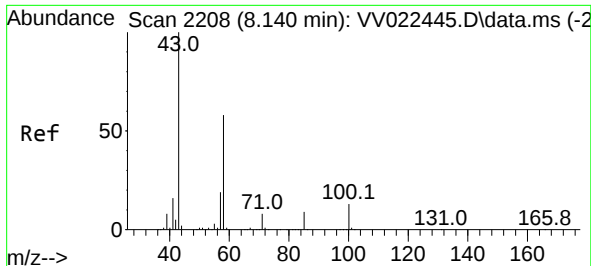
164 100

129 92.8 66.4 123.4

131 89.1 63.6 118.0

166 128.8 91.6 170.0



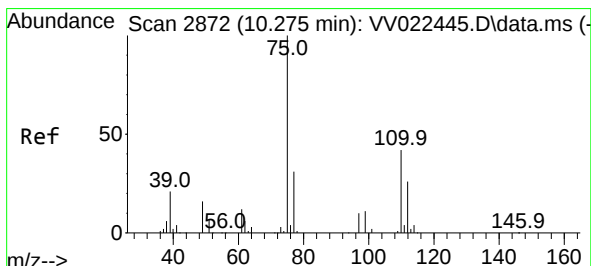
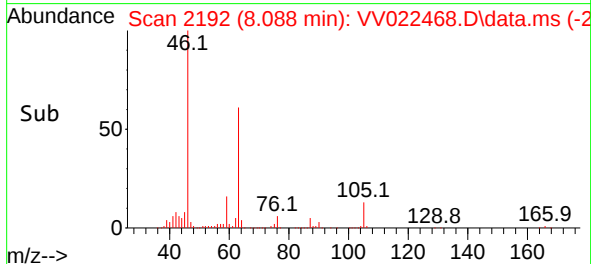
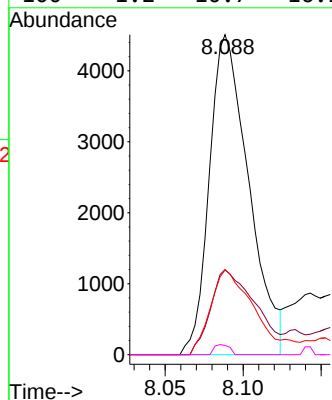
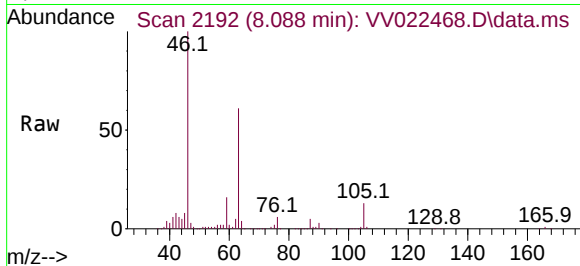


#48
2-Hexanone
Concen: 4.467 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.051 min
Lab File: VV022468.D
Acq: 01 Oct 2021 06:05

Instrument :
MSVOA_V
ClientSampled :
F4A53

Tgt Ion: 43 Resp: 7924

Ion	Ratio	Lower	Upper
43	100		
58	30.2	45.4	68.2#
57	28.3	15.0	22.4#
100	1.2	10.7	16.1#



#61
1,2,3-Trichloropropane
Concen: 5.875 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022468.D
Acq: 01 Oct 2021 06:05

Tgt Ion: 75 Resp: 10226

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.0
110	2.6	32.6	48.8#

