

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112621\
 Data File : VW023728.D
 Acq On : 26 Nov 2021 16:10
 Operator : SY/MD
 Sample : M4821-06DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 03:54:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 27 03:48:32 2021
 Response via : Initial Calibration

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

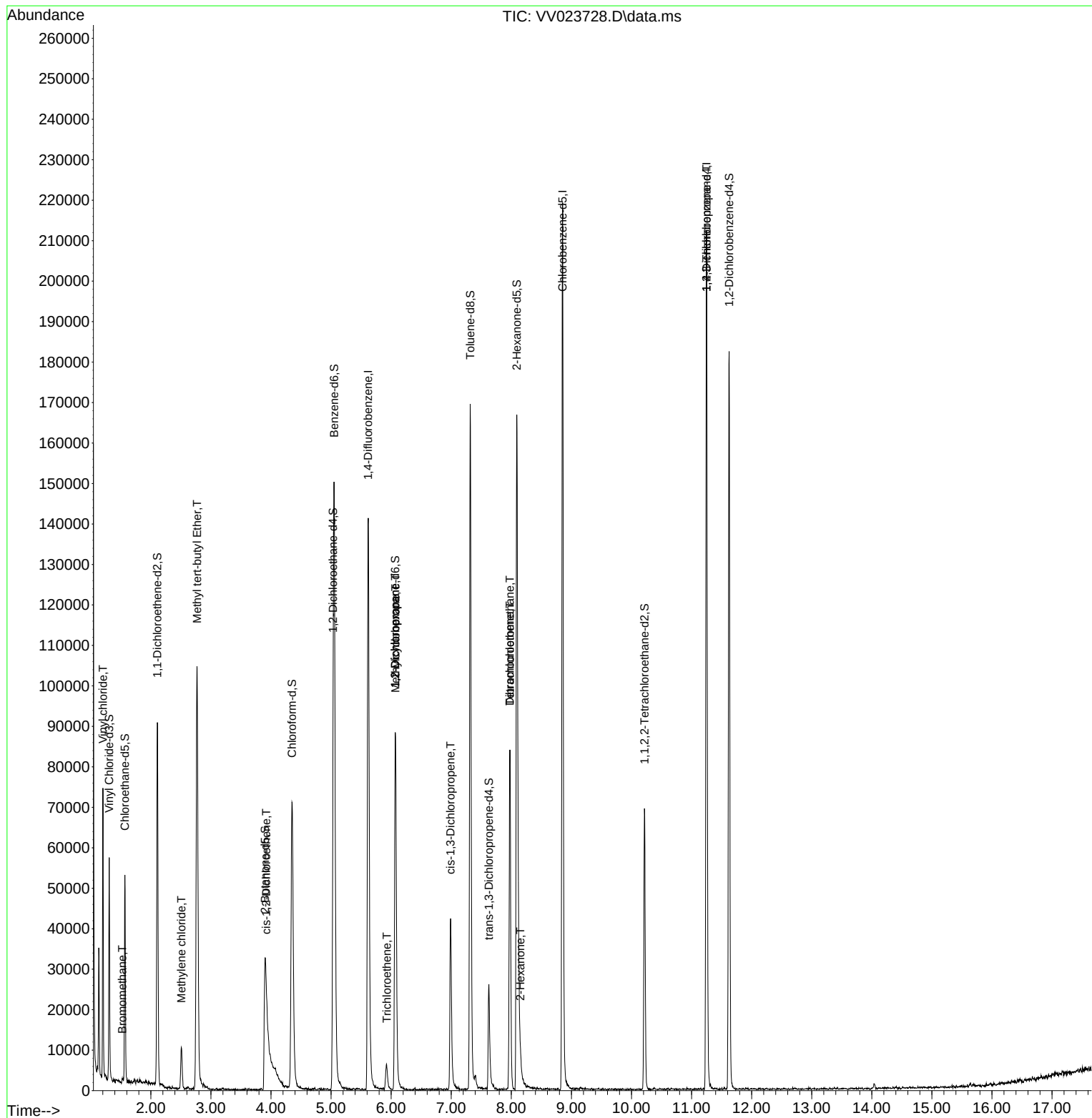
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	127500	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123030	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58142	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33046	3.157	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.568	69	29417	3.575	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.108	63	46549	2.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.400%#
20) 2-Butanone-d5	3.902	46	59041	46.923	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.840%
24) Chloroform-d	4.349	84	74290	4.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.034	65	37878	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.050	84	136694	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.069	67	42812	4.557	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.317	98	115401	3.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	7.625	79	15357	4.055	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.091	63	64485	51.248	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.500%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32002	4.733	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	49709	4.836	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.201	62	484	0.044	ug/L	83
6) Bromomethane	1.523	94	513	0.082	ug/L	73
16) Methylene chloride	2.507	84	4243	0.348	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	105925	6.051	ug/L	99
22) cis-1,2-Dichloroethene	3.918	96	1643	0.176	ug/L	90
34) Trichloroethene	5.928	95	1967	0.209	ug/L	86
35) Methylcyclohexane	6.072	83	10968	0.749	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	5050	0.606	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1278	0.108	ug/L #	43
47) Tetrachloroethene	7.976	164	19314	2.258	ug/L	96
48) 2-Hexanone	8.149	43	2562	0.871	ug/L #	84
49) Dibromochloromethane	7.976	129	17235	2.179	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6235	1.512	ug/L #	64

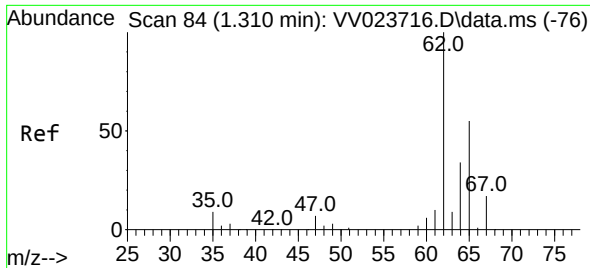
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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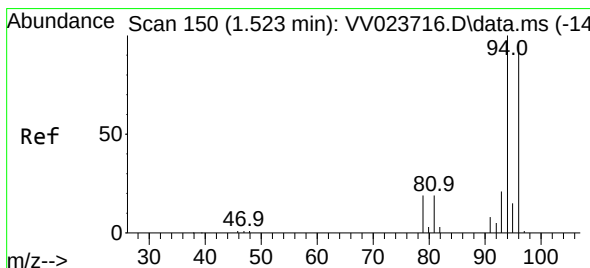
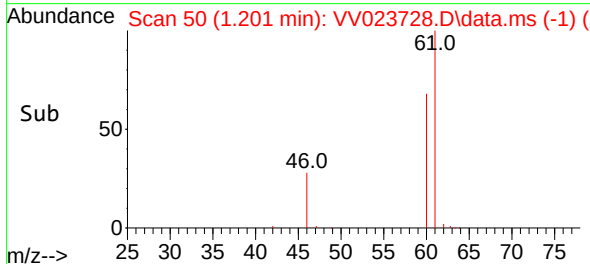
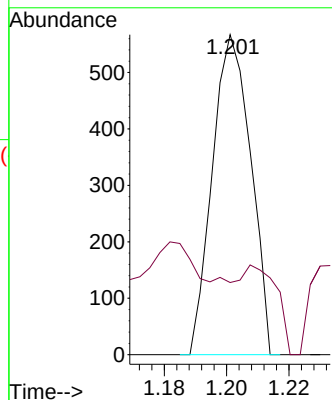
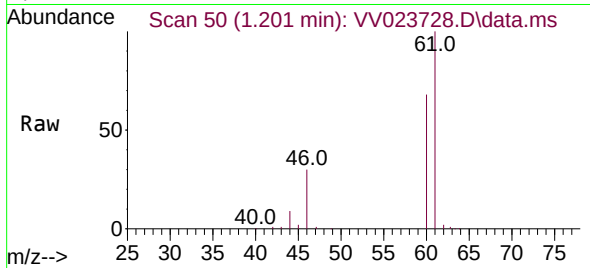




#5
 Vinyl chloride
 Concen: 0.044 ug/L
 RT: 1.201 min Scan# 50
 Delta R.T. -0.109 min
 Lab File: VV023728.D
 Acq: 26 Nov 2021 16:10

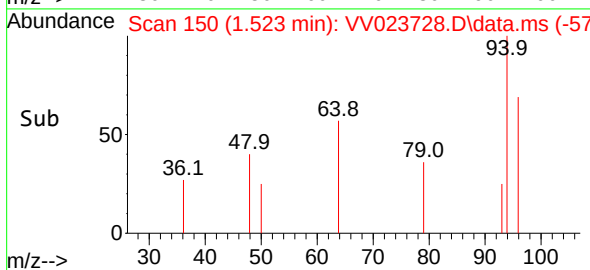
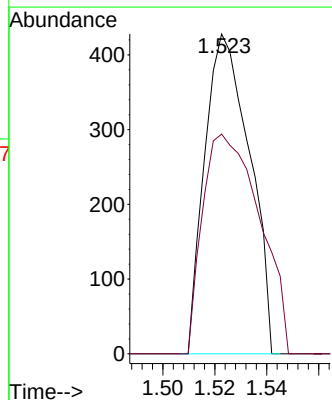
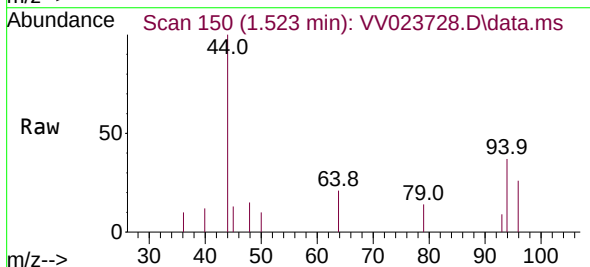
Instrument :
 MSVOA_V
 ClientSampleId :

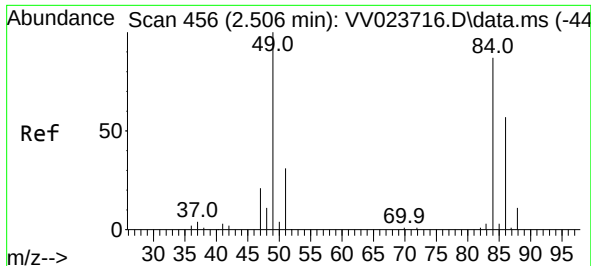
Tgt Ion: 62 Resp: 484
 Ion Ratio Lower Upper
 62 100
 64 22.6 22.4 41.6



#6
 Bromomethane
 Concen: 0.082 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023728.D
 Acq: 26 Nov 2021 16:10

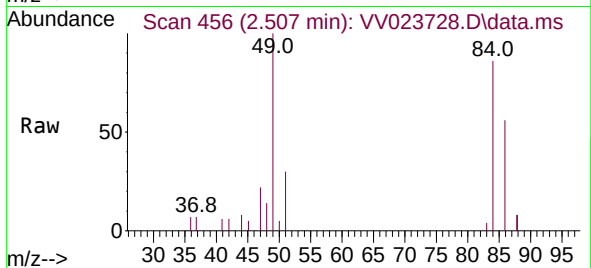
Tgt Ion: 94 Resp: 513
 Ion Ratio Lower Upper
 94 100
 96 68.7 66.2 123.0



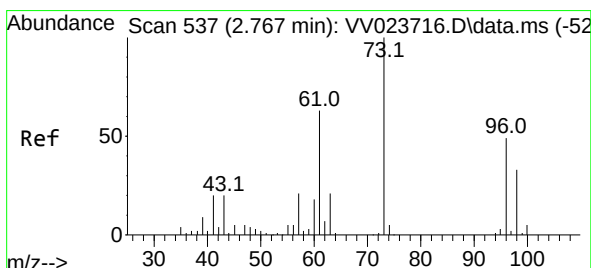
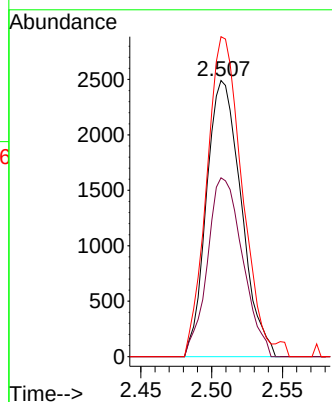
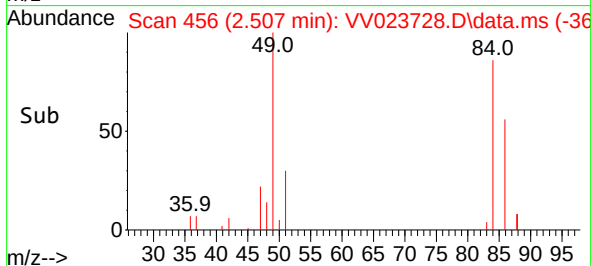


#16
Methylene chloride
Concen: 0.348 ug/L
RT: 2.507 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV023728.D
Acq: 26 Nov 2021 16:10

Instrument :
MSVOA_V
ClientSampleId :

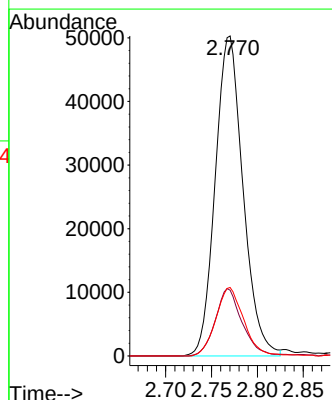
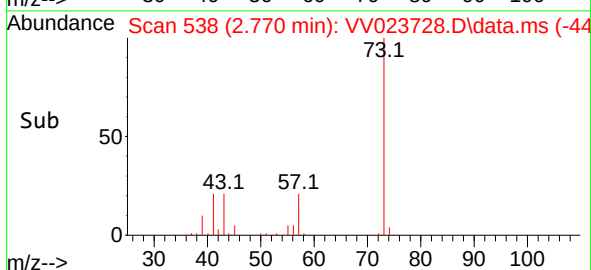
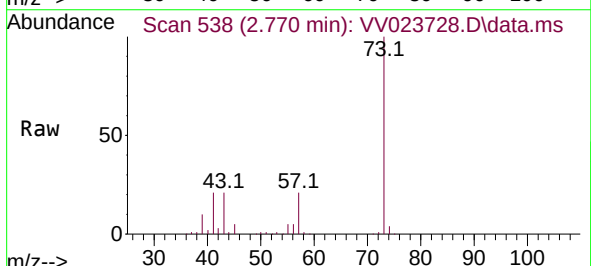


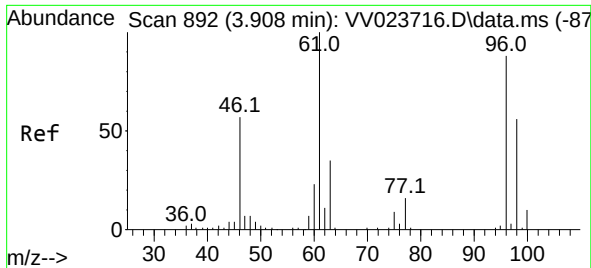
Tgt Ion: 84 Resp: 4243
Ion Ratio Lower Upper
84 100
86 64.8 42.6 79.0
49 115.9 79.7 147.9



#17
Methyl tert-butyl Ether
Concen: 6.051 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV023728.D
Acq: 26 Nov 2021 16:10

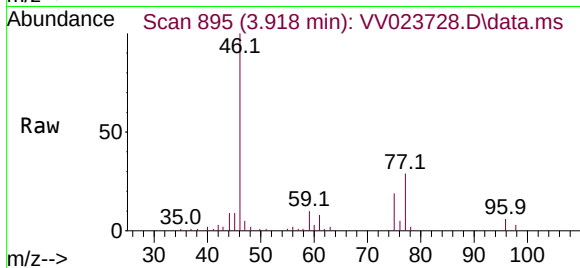
Tgt Ion: 73 Resp: 105925
Ion Ratio Lower Upper
73 100
43 20.2 15.5 23.3
57 21.6 17.1 25.7





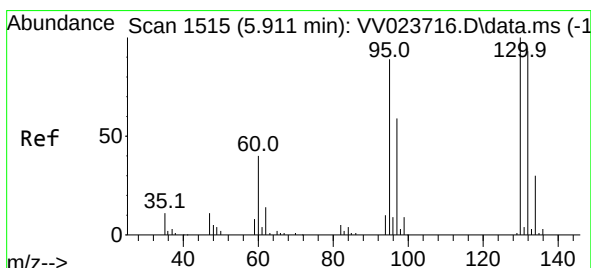
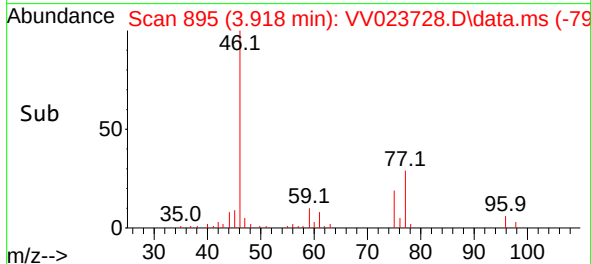
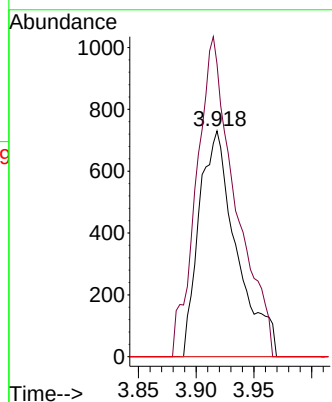
#22
 cis-1,2-Dichloroethene
 Concen: 0.176 ug/L
 RT: 3.918 min Scan# 892
 Delta R.T. 0.010 min
 Lab File: VV023728.D
 Acq: 26 Nov 2021 16:10

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 1643

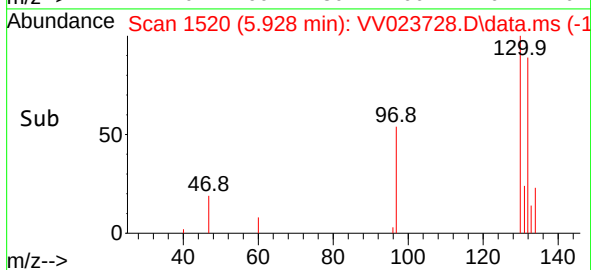
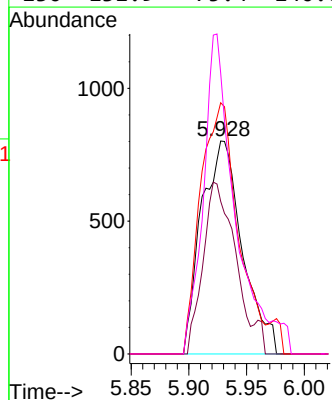
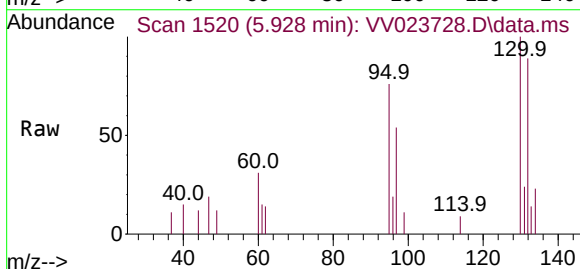
Ion	Ratio	Lower	Upper
96	100		
61	129.7	83.4	154.8
68	0.0	0.0	0.0

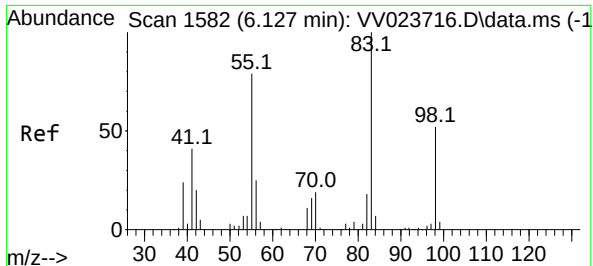


#34
 Trichloroethene
 Concen: 0.209 ug/L
 RT: 5.928 min Scan# 1520
 Delta R.T. 0.016 min
 Lab File: VV023728.D
 Acq: 26 Nov 2021 16:10

Tgt Ion: 95 Resp: 1967

Ion	Ratio	Lower	Upper
95	100		
97	71.7	45.2	84.0
132	118.0	76.1	141.3
130	131.9	75.4	140.0

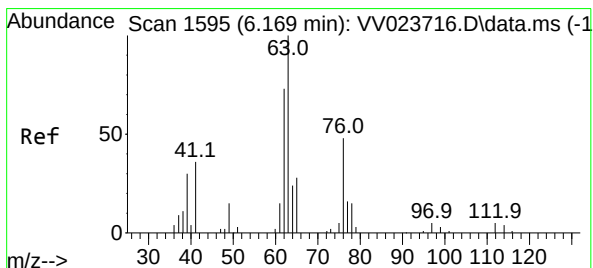
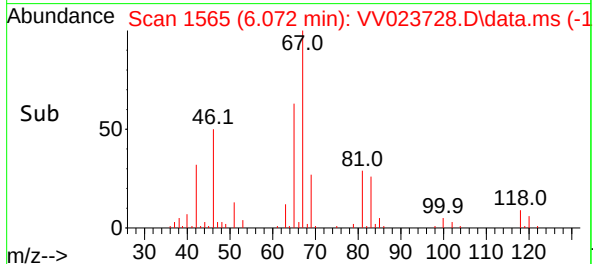
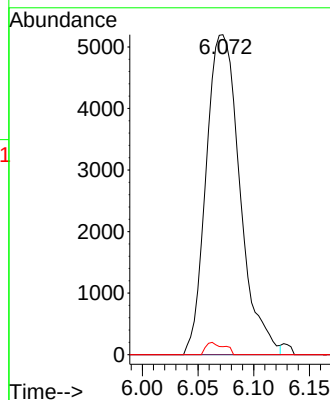
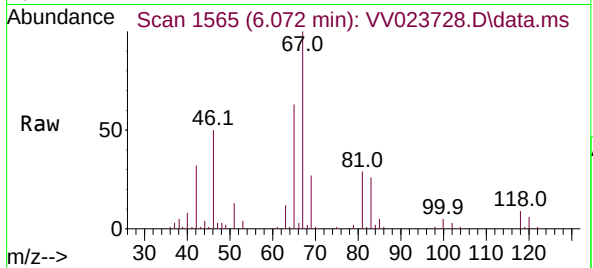




#35
Methylcyclohexane
Concen: 0.749 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV023728.D
Acq: 26 Nov 2021 16:10

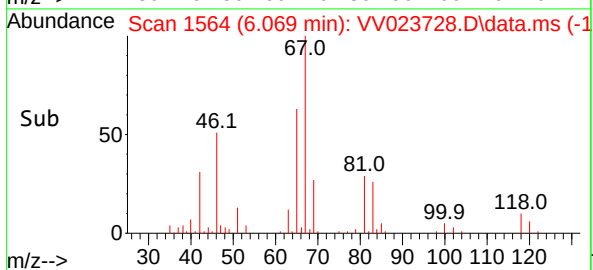
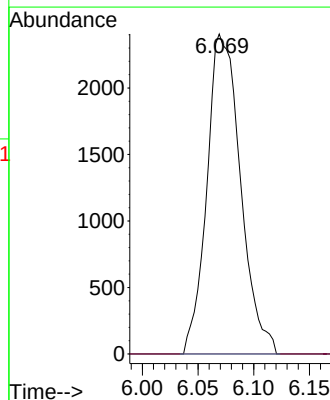
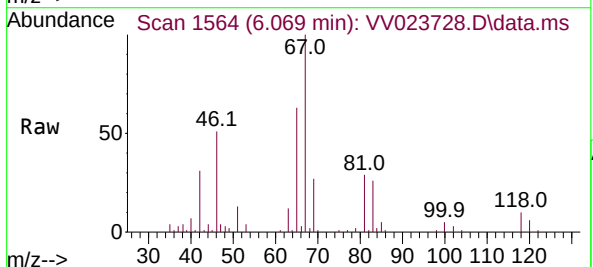
Instrument :
MSVOA_V
ClientSampleId :

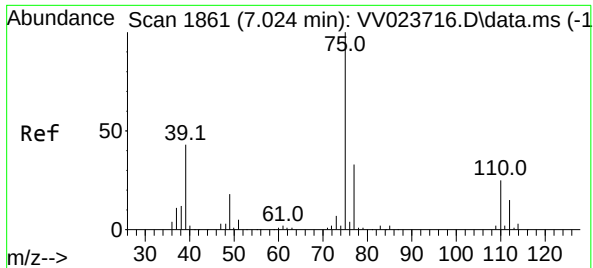
Tgt Ion: 83 Resp: 10968
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 2.1 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.606 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV023728.D
Acq: 26 Nov 2021 16:10

Tgt Ion: 63 Resp: 5050
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV023728.D

Acq: 26 Nov 2021 16:10

Instrument :

MSVOA_V

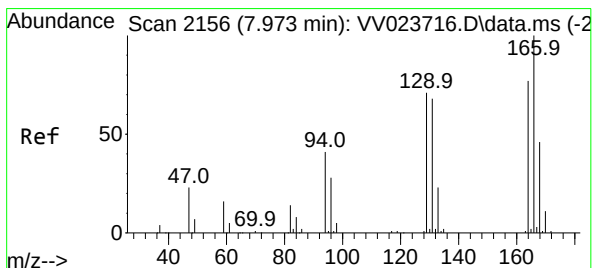
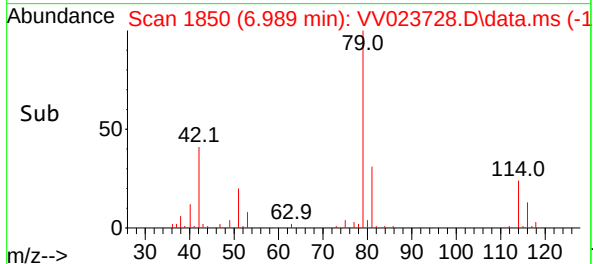
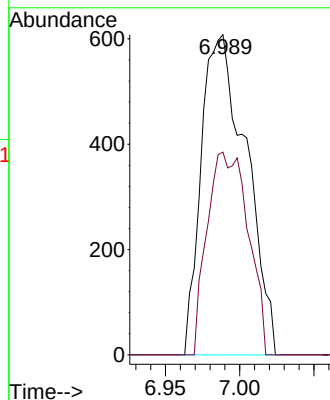
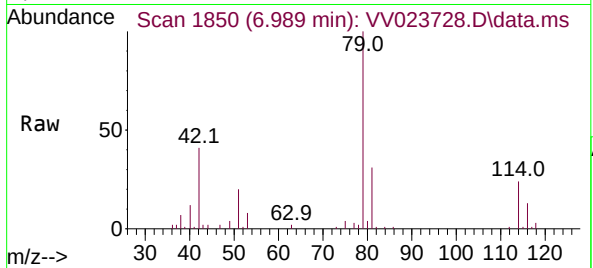
ClientSampleId :

Tgt Ion: 75 Resp: 1278

Ion Ratio Lower Upper

75 100

77 63.3 22.0 41.0#



#47

Tetrachloroethene

Concen: 2.258 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023728.D

Acq: 26 Nov 2021 16:10

Tgt Ion: 164 Resp: 19314

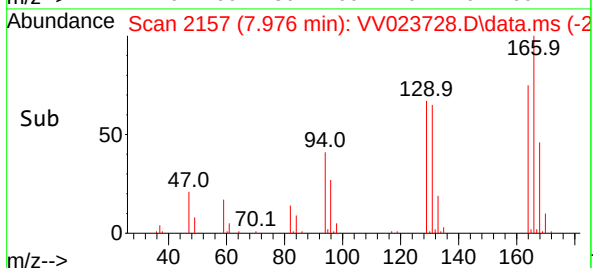
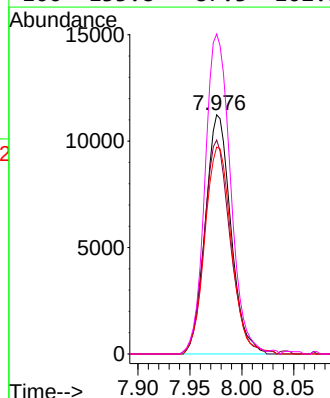
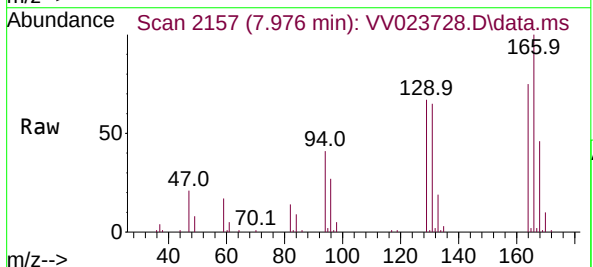
Ion Ratio Lower Upper

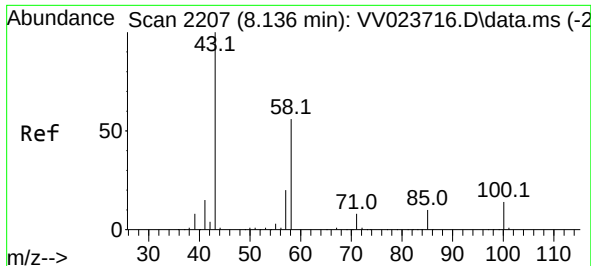
164 100

129 89.4 62.6 116.2

131 86.5 61.0 113.4

166 133.8 87.3 162.1





#48

2-Hexanone

Concen: 0.871 ug/L

RT: 8.149 min Scan# 2157

Delta R.T. 0.013 min

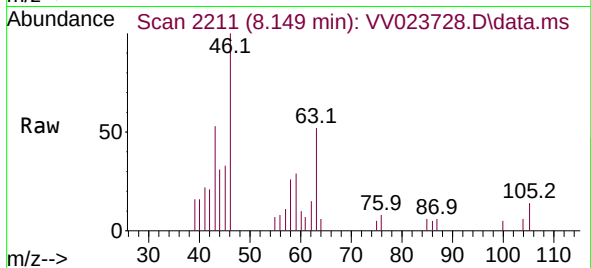
Lab File: VV023728.D

Acq: 26 Nov 2021 16:10

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Tgt Ion: 43 Resp: 2562

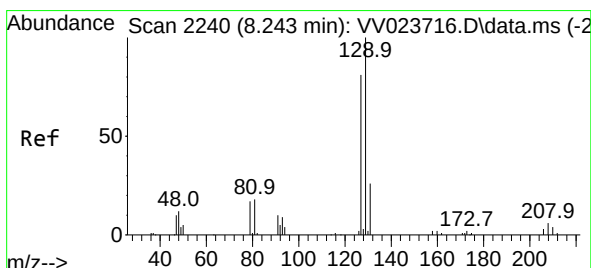
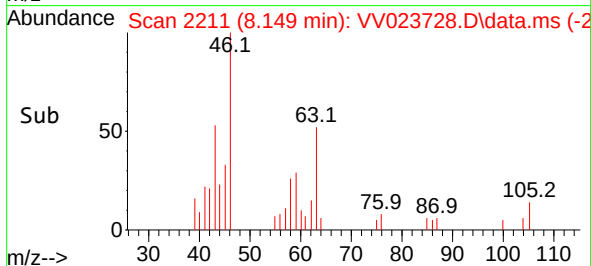
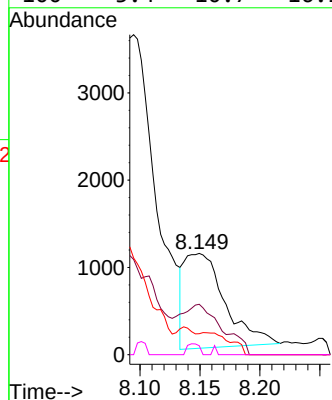
Ion Ratio Lower Upper

43 100

58 51.6 44.5 66.7

57 0.0 15.1 22.7#

100 3.4 10.7 16.1#



#49

Dibromochloromethane

Concen: 2.179 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV023728.D

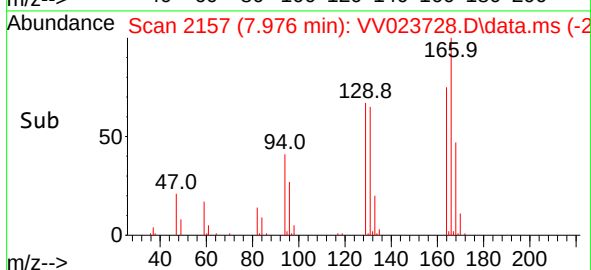
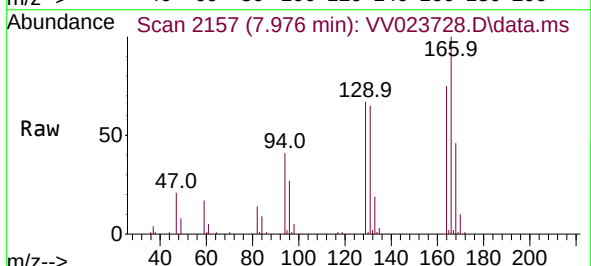
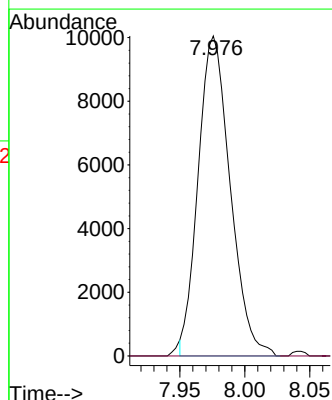
Acq: 26 Nov 2021 16:10

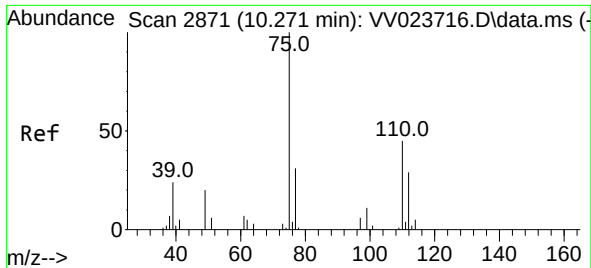
Tgt Ion:129 Resp: 17235

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#





#61

1,2,3-Trichloropropane

Concen: 1.512 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

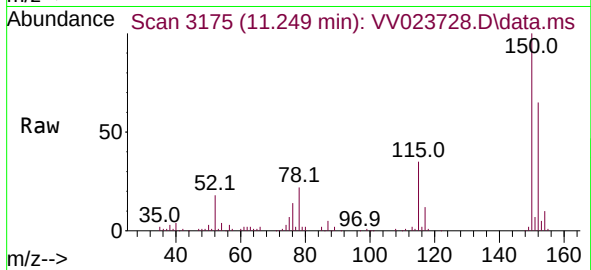
Lab File: VV023728.D

Acq: 26 Nov 2021 16:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6235

Ion Ratio Lower Upper

75 100

77 33.2 26.4 39.6

110 2.2 34.2 51.2#

