

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
 Data File : VV022649.D
 Acq On : 07 Oct 2021 03:03
 Operator : SY/MD
 Sample : M4050-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 07:51:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 07:45:03 2021
 Response via : Initial Calibration

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

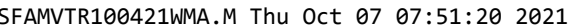
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	99343	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	98827	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	45451	5.000	ug/L	0.00

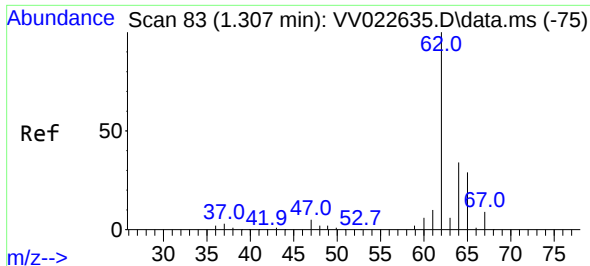
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	12784	4.016	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.564	69	18975	4.423	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.108	63	26187	2.836	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.800%#
20) 2-Butanone-d5	3.883	46	87178	46.335	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.660%
24) Chloroform-d	4.349	84	52685	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.034	65	27063	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.053	84	93180	4.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.072	67	33263	4.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.320	98	72145	3.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	7.629	79	7757	3.731	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.088	63	55932	43.443	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26310	4.407	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	34395	4.892	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%

Target Compounds				Qvalue		
5) Vinyl chloride	1.310	62	688	0.090	ug/L #	68
12) 1,1-Dichloroethene	2.118	96	526	0.086	ug/L #	1
13) Acetone	2.175	43	10725	10.600	ug/L #	22
14) Carbon disulfide	2.294	76	1908	0.107	ug/L #	74
15) Methyl Acetate	2.529	43	1238	0.415	ug/L #	62
21) 2-Butanone	4.024	43	1646	1.016	ug/L	89
22) cis-1,2-Dichloroethene	3.918	96	6304	0.876	ug/L	97
34) Trichloroethene	5.918	95	14402	1.861	ug/L	99
35) Methylcyclohexane	6.072	83	8392	0.774	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	3620	0.557	ug/L #	84
42) Toluene	7.403	91	3086	0.110	ug/L	86
47) Tetrachloroethene	7.982	164	570	0.095	ug/L #	80
48) 2-Hexanone	8.143	43	5986	2.325	ug/L #	94
49) Dibromochloromethane	7.979	129	389	0.068	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	4477	1.329	ug/L #	61

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

Quant Time: Oct 07 07:51:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 07 07:45:03 2021
Response via : Initial Calibration

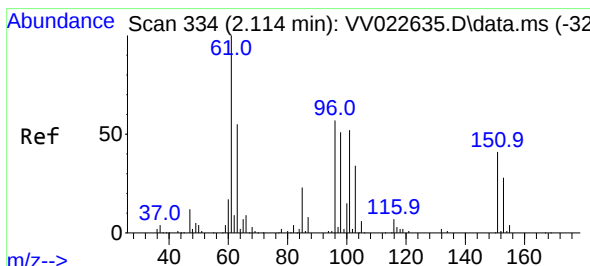
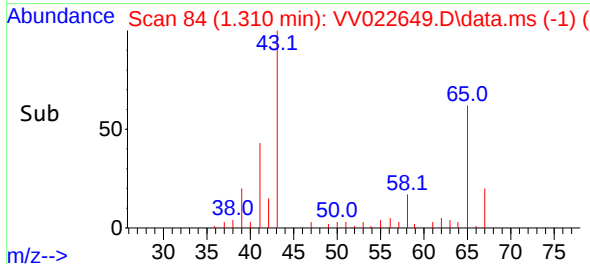
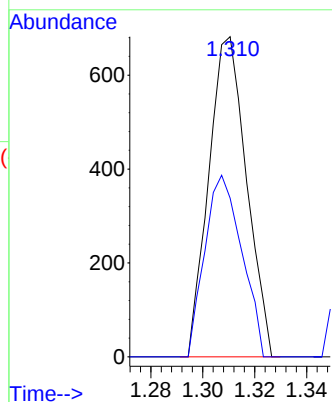
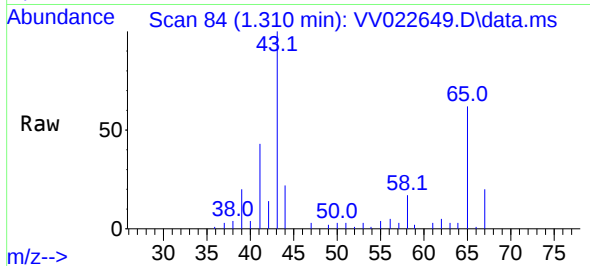




#5
 Vinyl chloride
 Concen: 0.090 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022649.D
 Acq: 07 Oct 2021 03:03

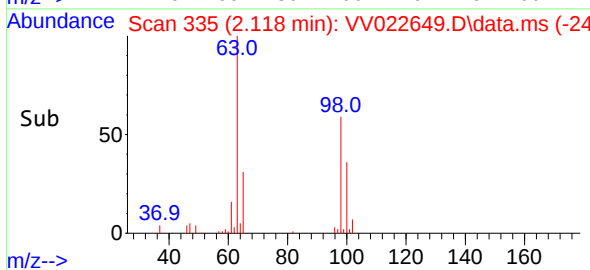
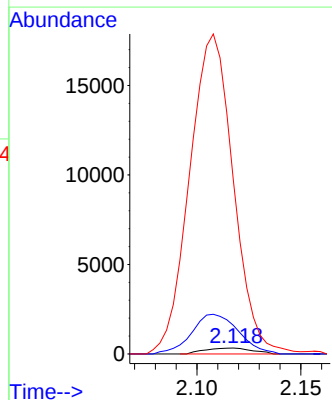
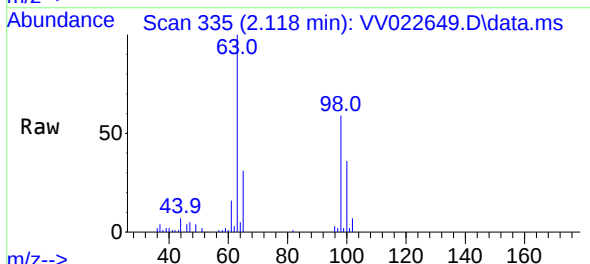
Instrument :
 MSVOA_V
 ClientSampled :

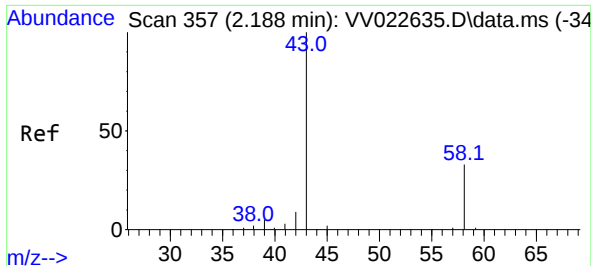
Tgt Ion: 62 Resp: 688
 Ion Ratio Lower Upper
 62 100
 64 49.6 22.3 41.5#



#12
 1,1-Dichloroethene
 Concen: 0.086 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV022649.D
 Acq: 07 Oct 2021 03:03

Tgt Ion: 96 Resp: 526
 Ion Ratio Lower Upper
 96 100
 61 489.6 113.2 210.2#
 63 2971.3 66.6 123.8#

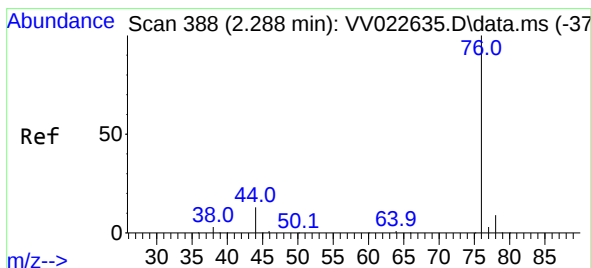
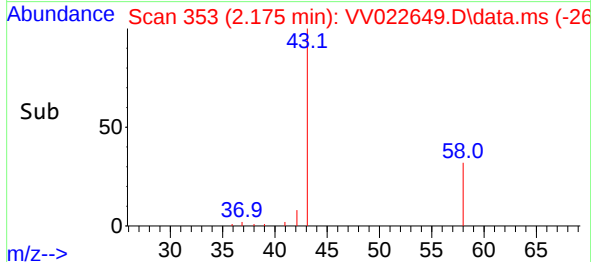
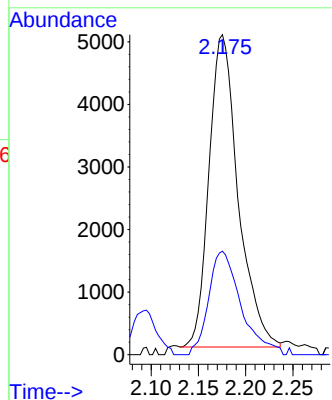
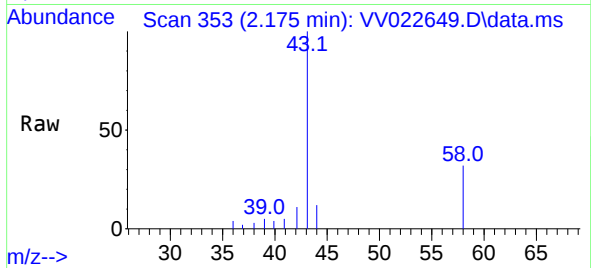




#13
Acetone
Concen: 10.600 ug/L
RT: 2.175 min Scan# 353
Delta R.T. -0.013 min
Lab File: VV022649.D
Acq: 07 Oct 2021 03:03

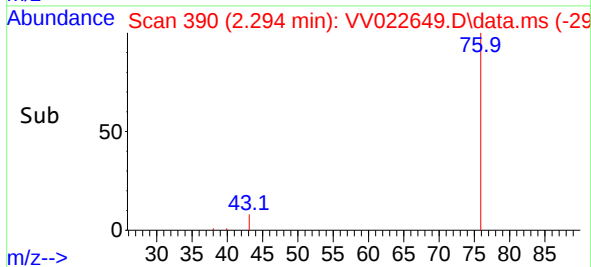
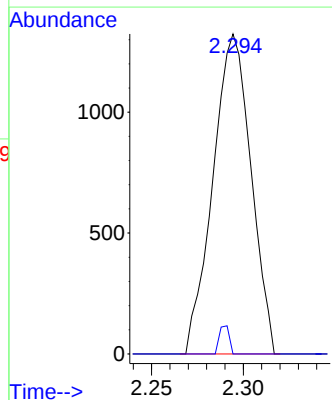
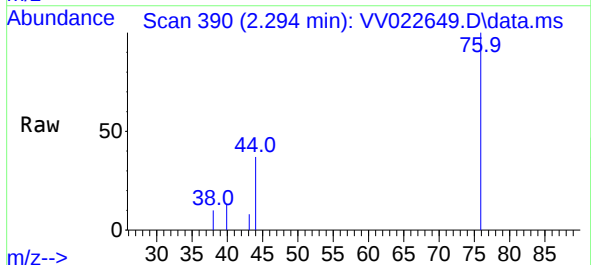
Instrument :
MSVOA_V
ClientSampleId :

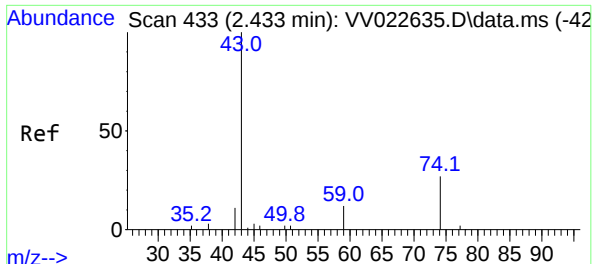
Tgt Ion: 43 Resp: 10725
Ion Ratio Lower Upper
43 100
58 36.7 0.0 17.6#



#14
Carbon disulfide
Concen: 0.107 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV022649.D
Acq: 07 Oct 2021 03:03

Tgt Ion: 76 Resp: 1908
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

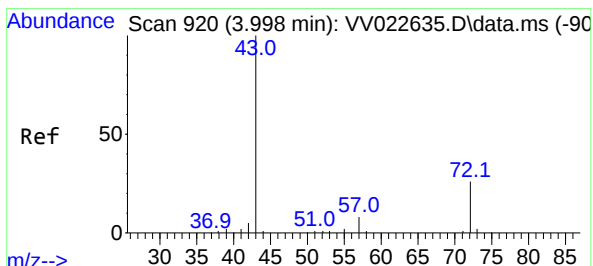
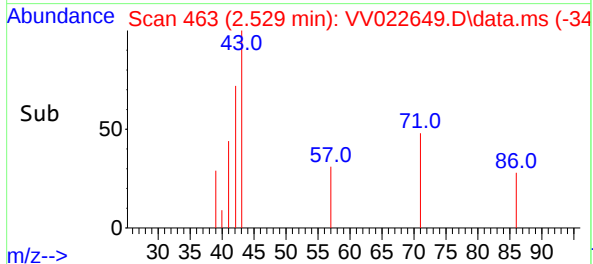
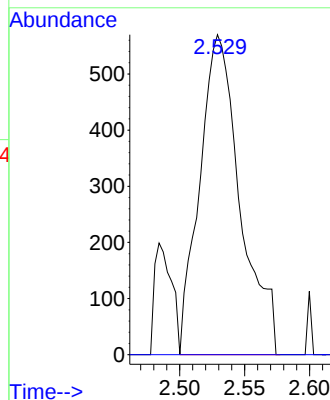
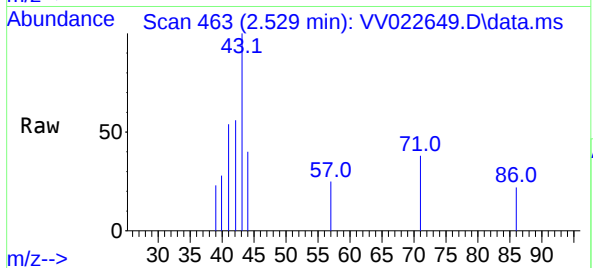




#15
Methyl Acetate
Concen: 0.415 ug/L
RT: 2.529 min Scan# 463
Delta R.T. 0.096 min
Lab File: VV022649.D
Acq: 07 Oct 2021 03:03

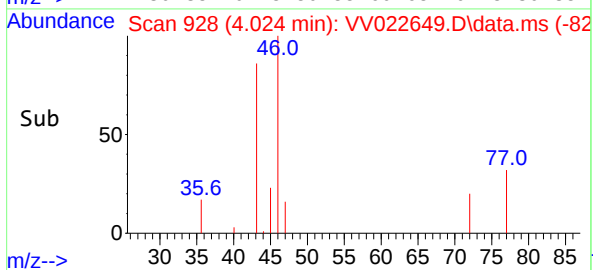
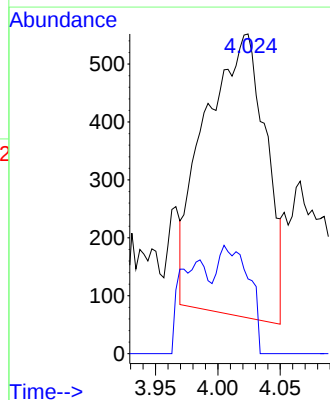
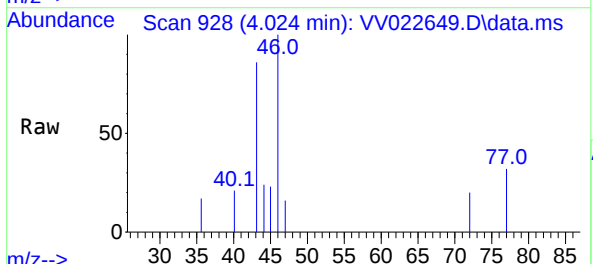
Instrument :
MSVOA_V
ClientSampled :

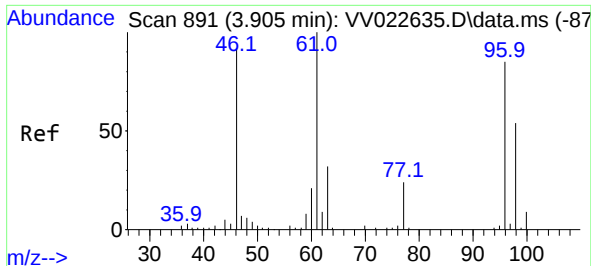
Tgt Ion: 43 Resp: 1238
Ion Ratio Lower Upper
43 100
74 0.0 13.0 19.4#



#21
2-Butanone
Concen: 1.016 ug/L
RT: 4.024 min Scan# 928
Delta R.T. 0.026 min
Lab File: VV022649.D
Acq: 07 Oct 2021 03:03

Tgt Ion: 43 Resp: 1646
Ion Ratio Lower Upper
43 100
72 20.0 12.7 38.1

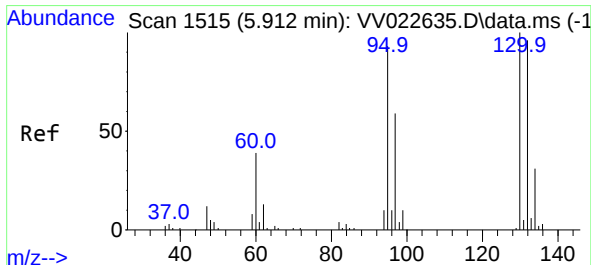
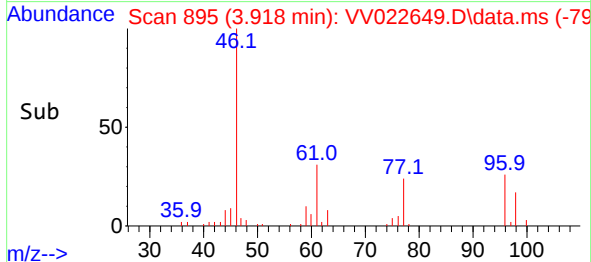
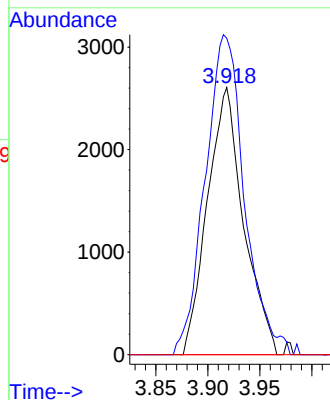
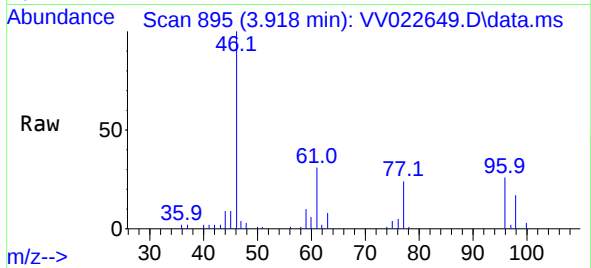




#22
cis-1,2-Dichloroethene
Concen: 0.876 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.013 min
Lab File: VV022649.D
Acq: 07 Oct 2021 03:03

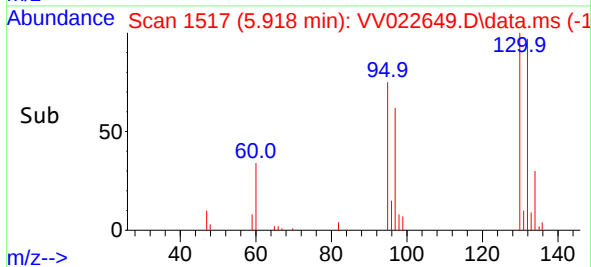
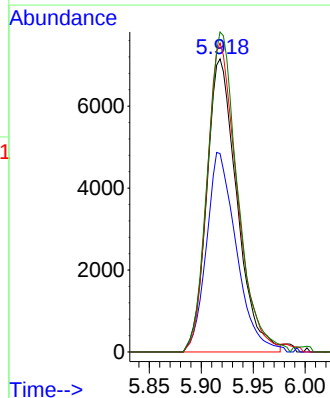
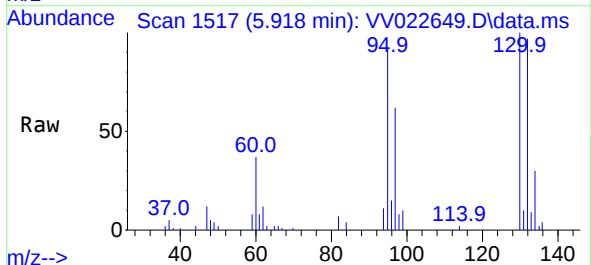
Instrument :
MSVOA_V
ClientSampled :

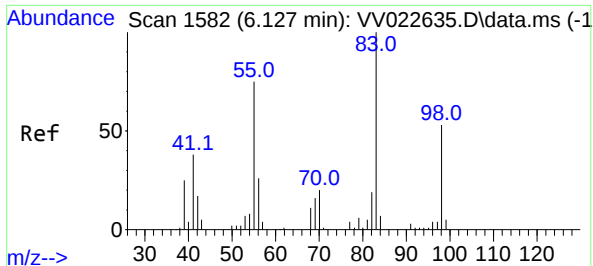
Tgt Ion: 96 Resp: 6304
Ion Ratio Lower Upper
96 100
61 118.4 85.6 159.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 1.861 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022649.D
Acq: 07 Oct 2021 03:03

Tgt Ion: 95 Resp: 14402
Ion Ratio Lower Upper
95 100
97 67.7 46.5 86.5
132 105.4 73.0 135.6
130 109.2 76.1 141.3





#35

Methylcyclohexane

Concen: 0.774 ug/L

RT: 6.072 min Scan# 1565

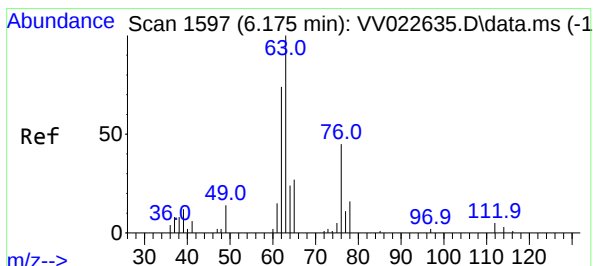
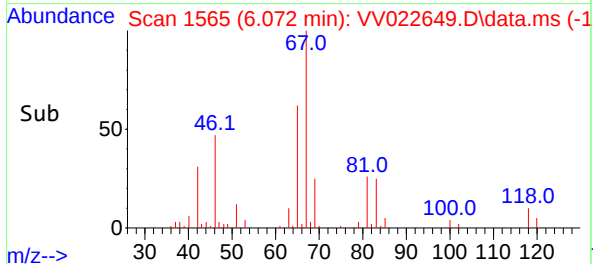
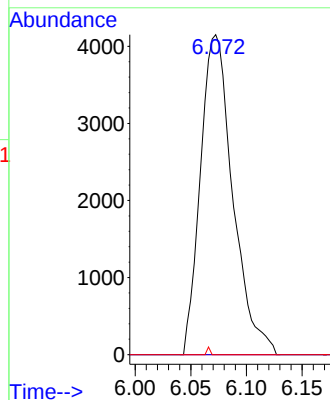
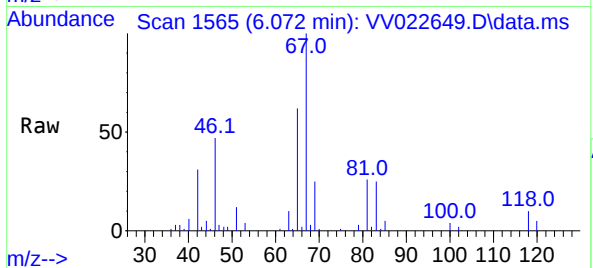
Delta R.T. -0.055 min

Lab File: VV022649.D

Acq: 07 Oct 2021 03:03

Tgt Ion:	83	Resp:	8392
Ion	Ratio	Lower	Upper
83	100		
55	0.5	57.8	86.8#
98	2.4	39.8	59.8#

Instrument :
MSVOA_V
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.557 ug/L

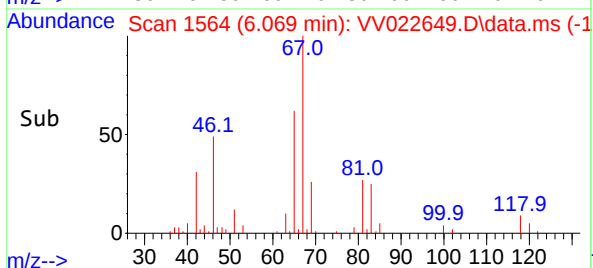
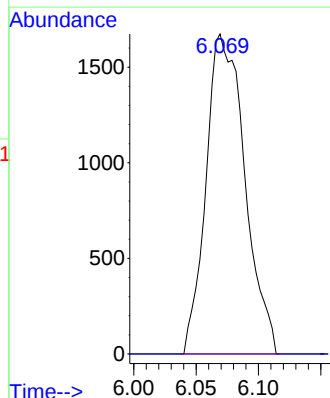
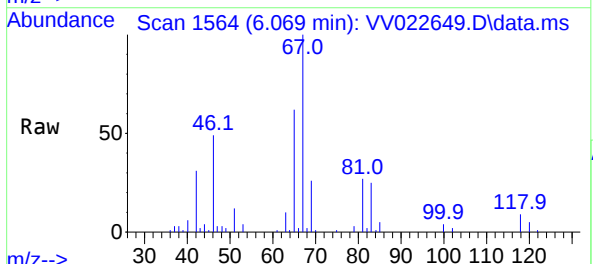
RT: 6.069 min Scan# 1564

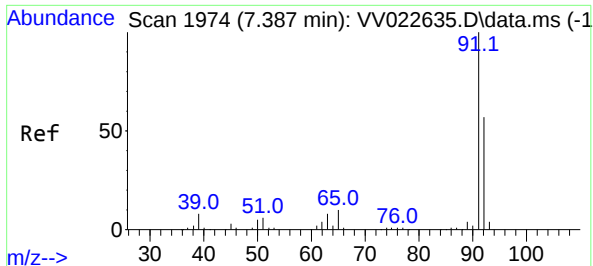
Delta R.T. -0.106 min

Lab File: VV022649.D

Acq: 07 Oct 2021 03:03

Tgt Ion:	63	Resp:	3620
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#





#42

Toluene

Concen: 0.110 ug/L

RT: 7.403 min Scan# 1979

Delta R.T. 0.016 min

Lab File: VV022649.D

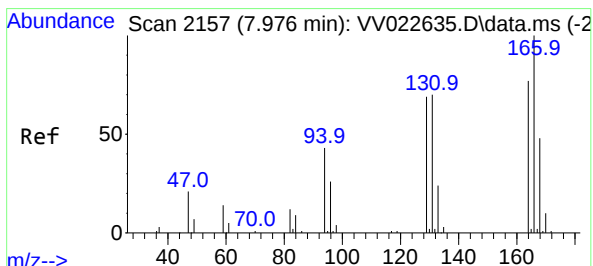
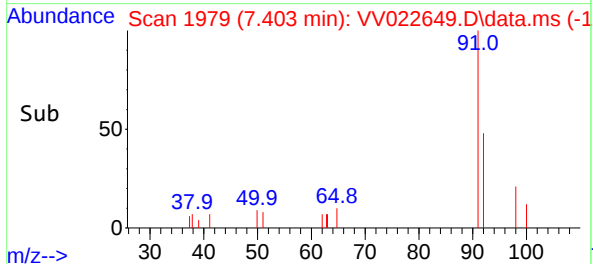
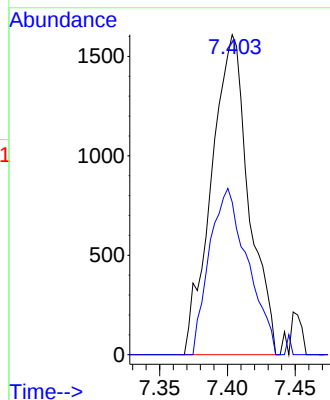
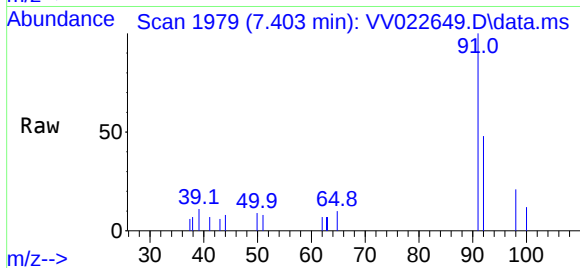
Acq: 07 Oct 2021 03:03

Tgt Ion: 91 Resp: 3086

Ion Ratio Lower Upper

91 100

92 47.7 40.5 75.3



#47

Tetrachloroethene

Concen: 0.095 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV022649.D

Acq: 07 Oct 2021 03:03

Tgt Ion: 164 Resp: 570

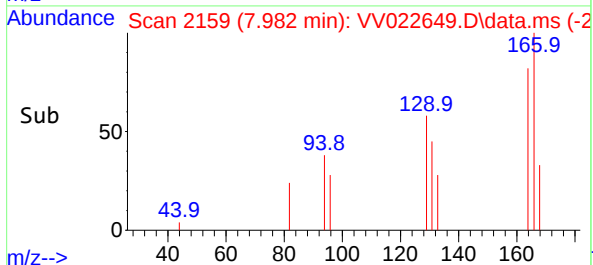
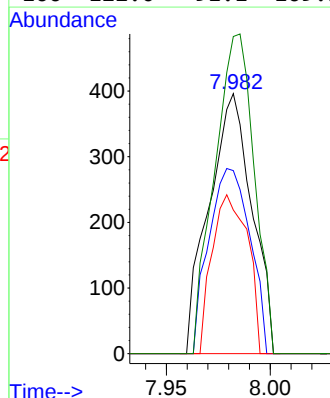
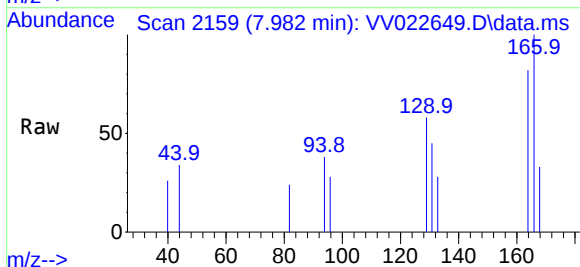
Ion Ratio Lower Upper

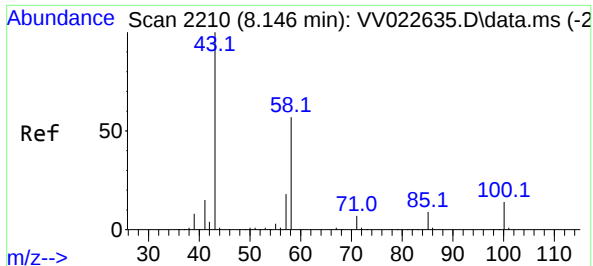
164 100

129 70.5 65.5 121.6

131 55.3 62.4 116.0

166 122.0 91.1 169.3

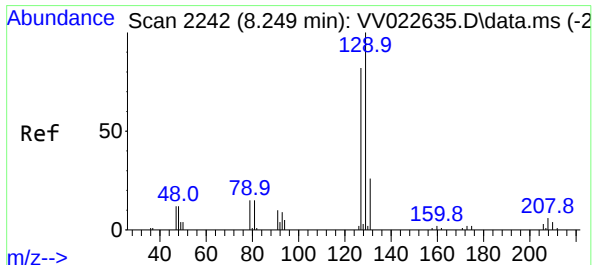
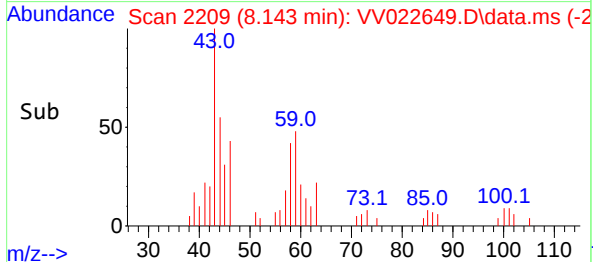
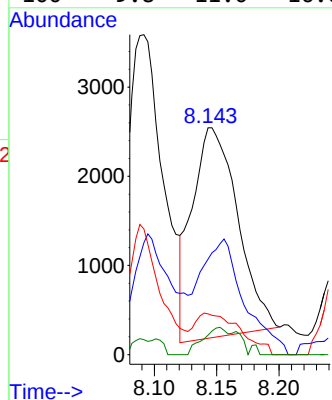
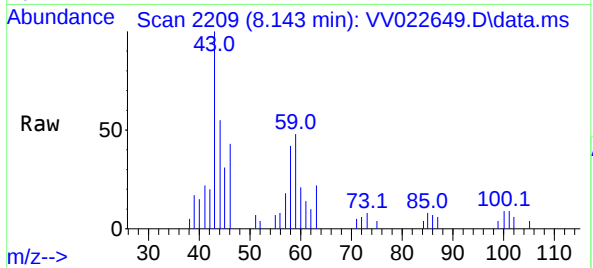




#48
2-Hexanone
Concen: 2.325 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VV022649.D
Acq: 07 Oct 2021 03:03

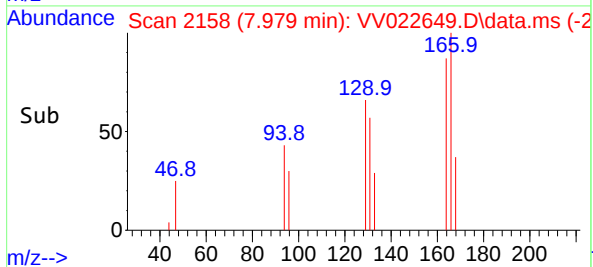
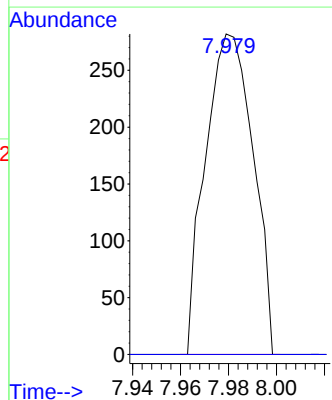
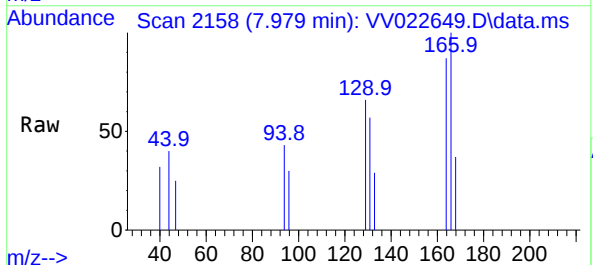
Instrument :
MSVOA_V
ClientSampleId :

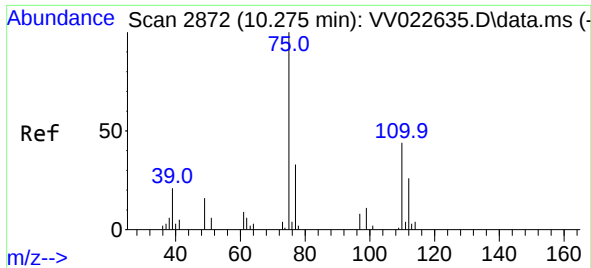
Tgt Ion: 43 Resp: 5986
Ion Ratio Lower Upper
43 100
58 53.4 46.4 69.6
57 19.8 16.3 24.5
100 9.8 11.0 16.6#



#49
Dibromochloromethane
Concen: 0.068 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.270 min
Lab File: VV022649.D
Acq: 07 Oct 2021 03:03

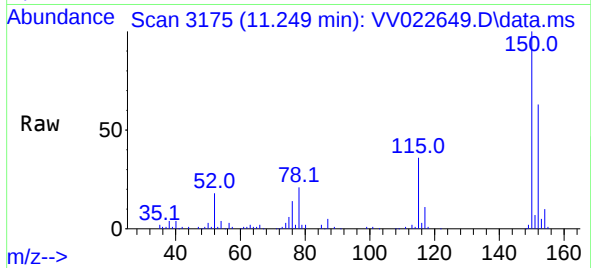
Tgt Ion: 129 Resp: 389
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.329 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022649.D
 Acq: 07 Oct 2021 03:03

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 4477

Ion	Ratio	Lower	Upper
75	100		
77	34.9	26.1	39.1
110	0.0	33.0	49.6#

