

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024043.D
 Acq On : 17 Dec 2021 04:06
 Operator : SY/MD
 Sample : M5133-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 05:34:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

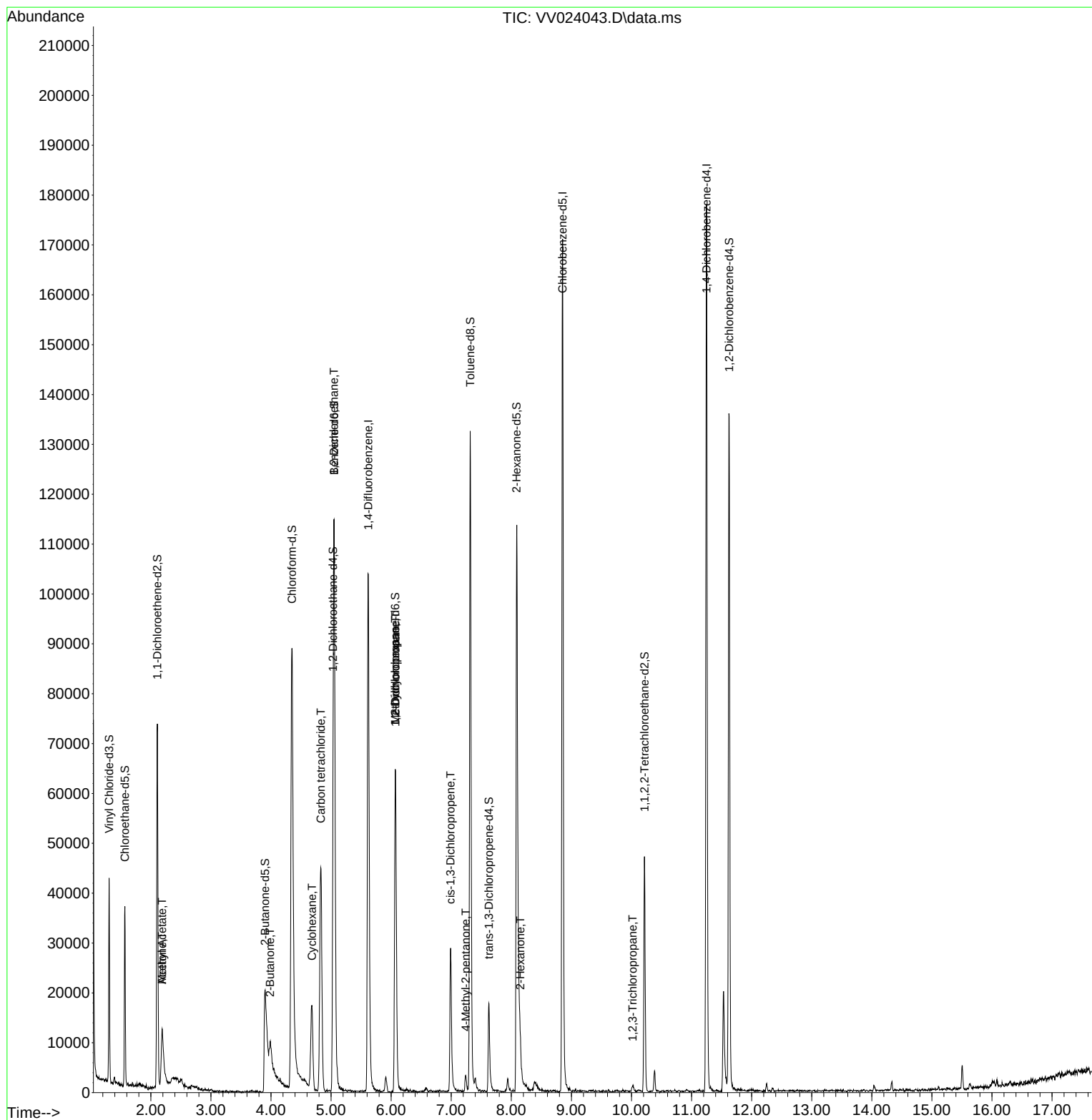
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	93812	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	97762	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48307	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23811	4.721	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.568	69	20947	4.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.108	63	37177	3.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	3.902	46	46838	47.537	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.080%
24) Chloroform-d	4.349	84	55681	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.034	65	27163	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.050	84	102533	5.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
36) 1,2-Dichloropropane-d6	6.069	67	30623	5.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.317	98	87790	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	7.625	79	10534	4.347	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.088	63	41570	38.316	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20574	4.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	35199	5.455	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						Qvalue
13) Acetone	2.188	43	24793	31.452	ug/L	76
15) Methyl Acetate	2.188	43	22462	11.756	ug/L #	50
21) 2-Butanone	3.986	43	13333	11.838	ug/L	83
27) 1,2-Dichloroethane	5.047	62	573	0.076	ug/L #	73
30) Cyclohexane	4.680	56	8740	0.862	ug/L	98
31) Carbon tetrachloride	4.828	117	33983	2.826	ug/L	94
35) Methylcyclohexane	6.069	83	7543	0.657	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	3562	0.542	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	801	0.082	ug/L #	53
40) 4-Methyl-2-pentanone	7.243	43	2353	0.745	ug/L #	87
48) 2-Hexanone	8.149	43	3817	1.667	ug/L #	89
61) 1,2,3-Trichloropropane	10.018	75	472	0.143	ug/L #	37

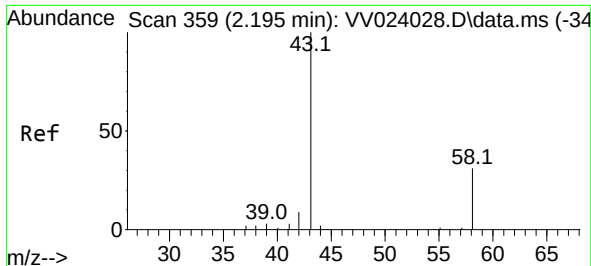
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#13

Acetone

Concen: 31.452 ug/L

RT: 2.188 min Scan# 357

Delta R.T. -0.010 min

Lab File: VV024043.D

Acq: 17 Dec 2021 04:06

Instrument :

MSVOA_V

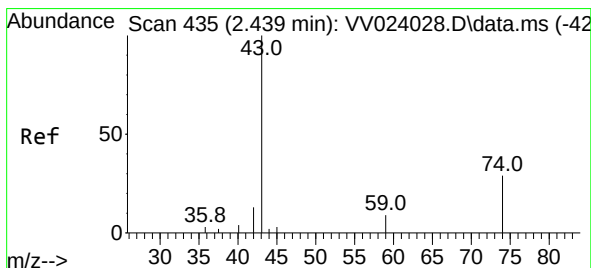
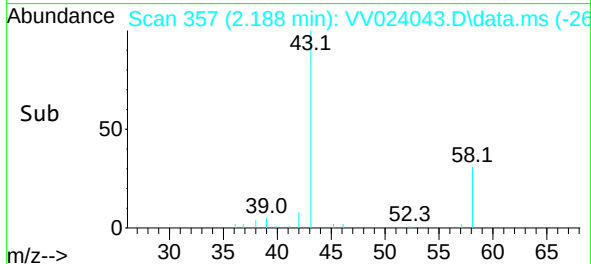
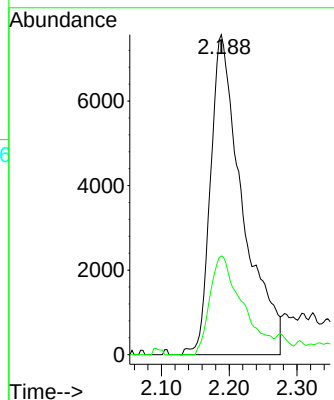
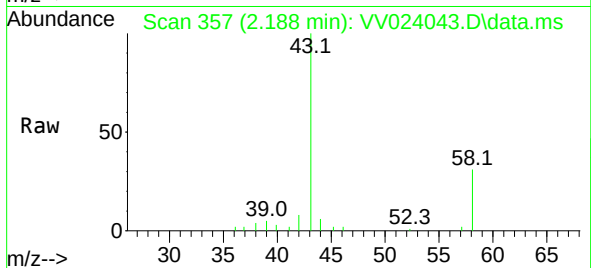
ClientSampleId :

Tgt Ion: 43 Resp: 24793

Ion Ratio Lower Upper

43 100

58 31.6 0.0 41.4



#15

Methyl Acetate

Concen: 11.756 ug/L

RT: 2.188 min Scan# 357

Delta R.T. -0.257 min

Lab File: VV024043.D

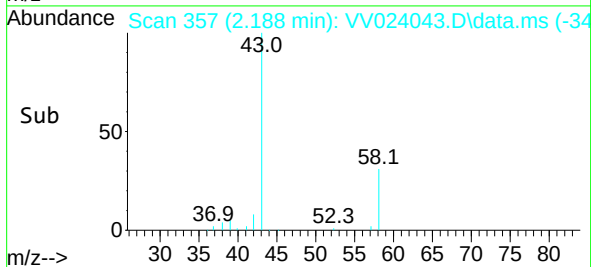
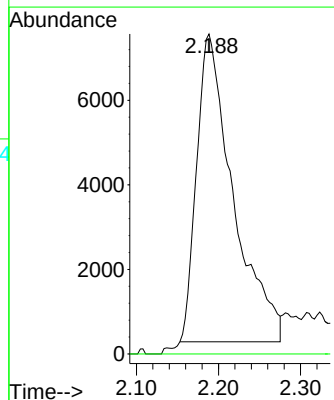
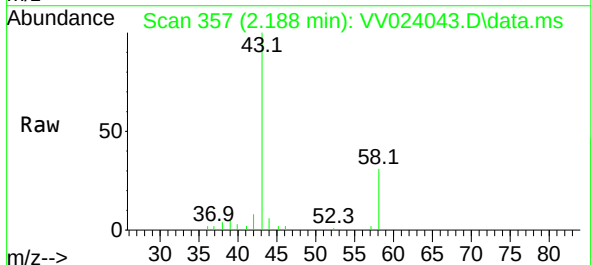
Acq: 17 Dec 2021 04:06

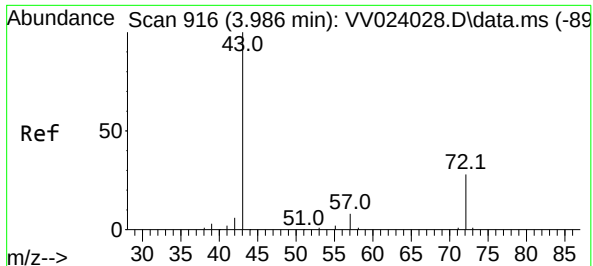
Tgt Ion: 43 Resp: 22462

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#

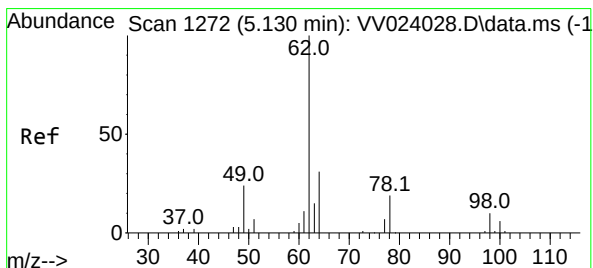
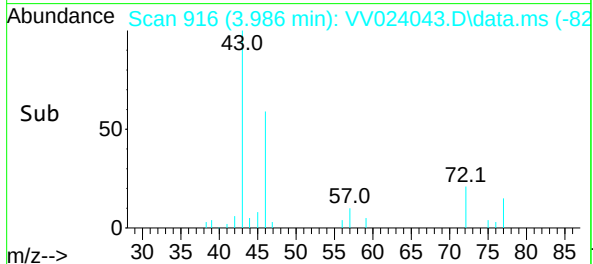
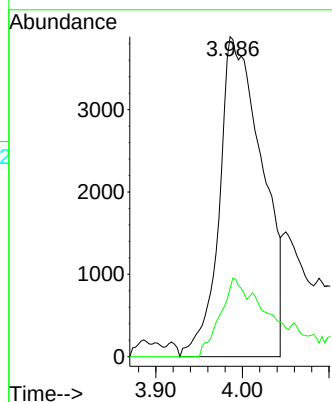
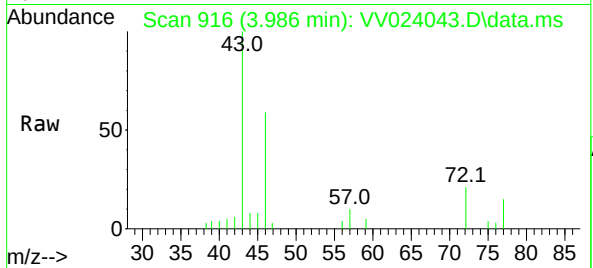




#21
2-Butanone
Concen: 11.838 ug/L
RT: 3.986 min Scan# 916
Delta R.T. -0.003 min
Lab File: VV024043.D
Acq: 17 Dec 2021 04:06

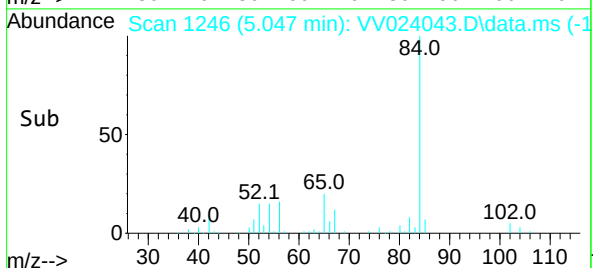
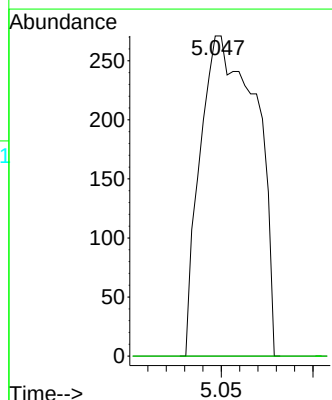
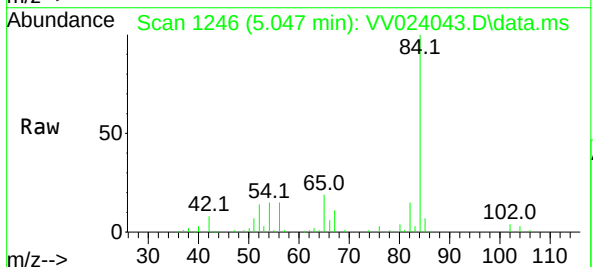
Instrument :
MSVOA_V
ClientSampleId :

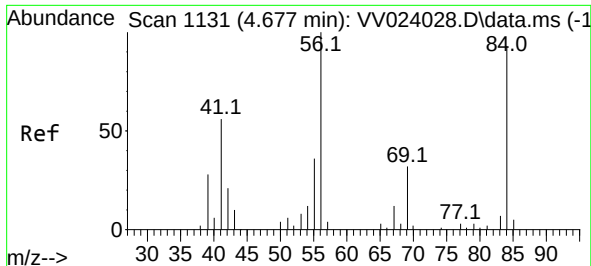
Tgt Ion: 43 Resp: 13333
Ion Ratio Lower Upper
43 100
72 14.0 11.1 33.1



#27
1,2-Dichloroethane
Concen: 0.076 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.083 min
Lab File: VV024043.D
Acq: 17 Dec 2021 04:06

Tgt Ion: 62 Resp: 573
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#

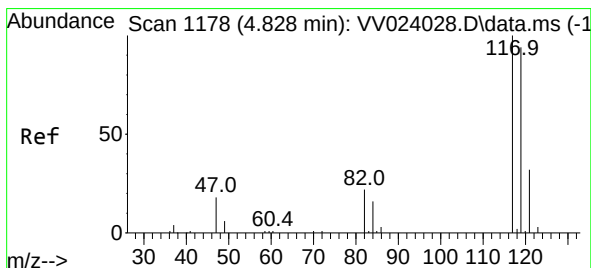
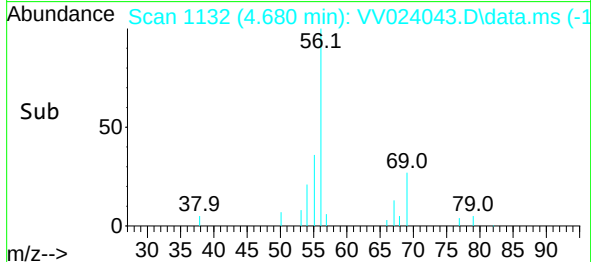
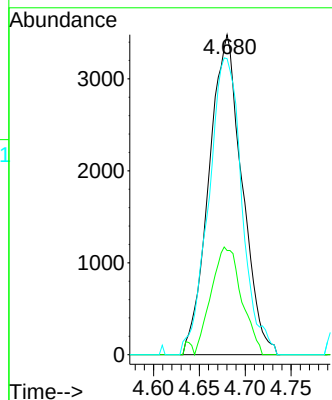
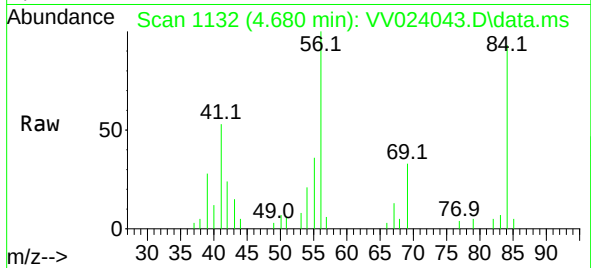




#30
Cyclohexane
Concen: 0.862 ug/L
RT: 4.680 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV024043.D
Acq: 17 Dec 2021 04:06

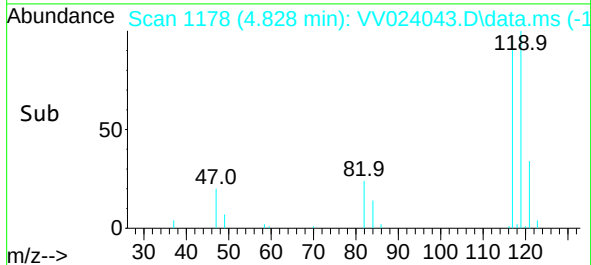
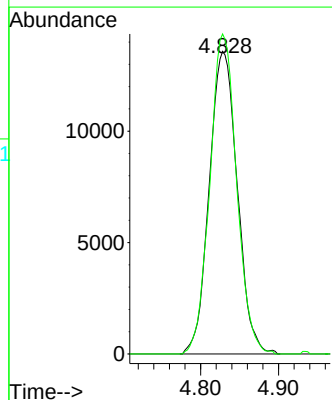
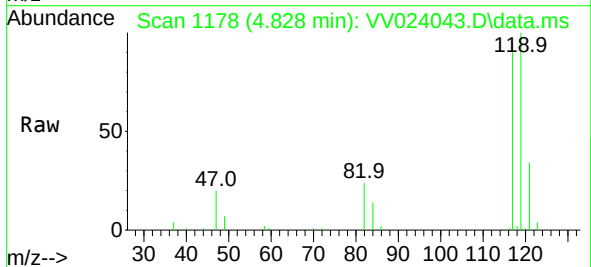
Instrument :
MSVOA_V
ClientSampleId :

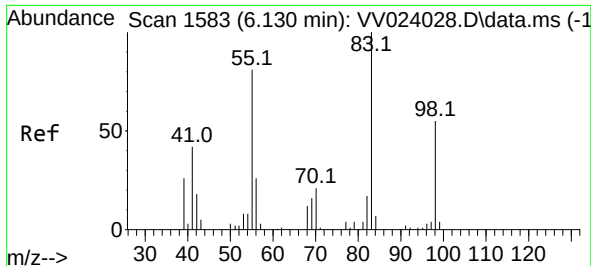
Tgt Ion: 56 Resp: 8740
Ion Ratio Lower Upper
56 100
69 30.9 24.8 37.2
84 93.0 75.9 113.9



#31
Carbon tetrachloride
Concen: 2.826 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV024043.D
Acq: 17 Dec 2021 04:06

Tgt Ion: 117 Resp: 33983
Ion Ratio Lower Upper
117 100
119 101.4 76.6 114.8





#35

Methylcyclohexane

Concen: 0.657 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV024043.D

Acq: 17 Dec 2021 04:06

Instrument :

MSVOA_V

ClientSampleId :

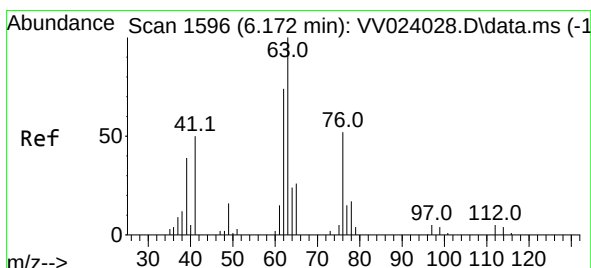
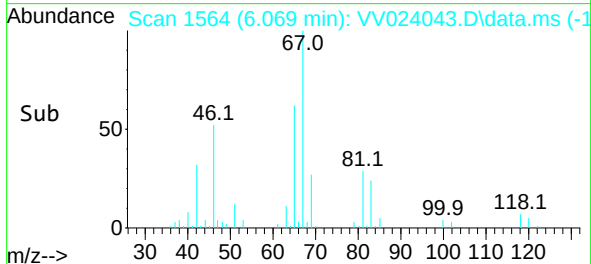
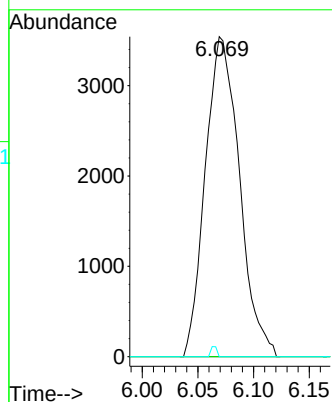
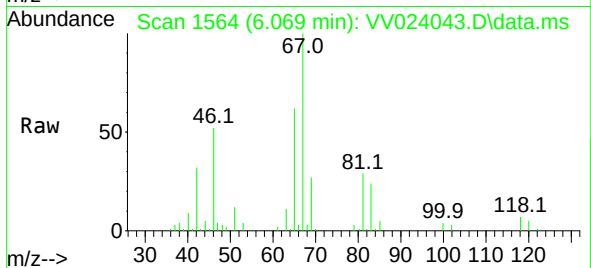
Tgt Ion: 83 Resp: 7543

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 0.6 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.542 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV024043.D

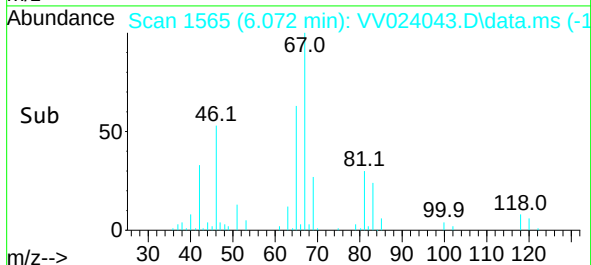
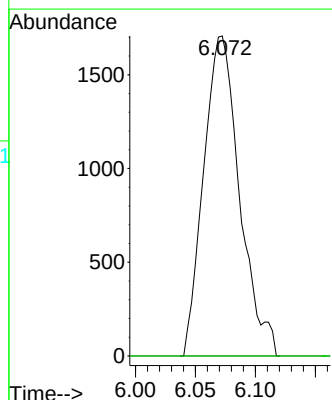
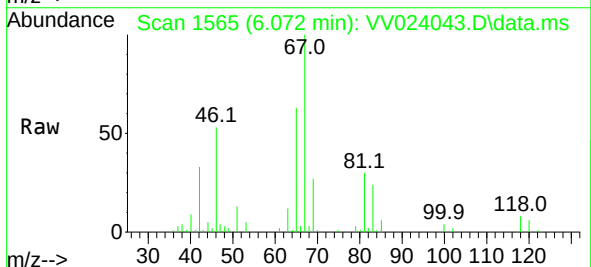
Acq: 17 Dec 2021 04:06

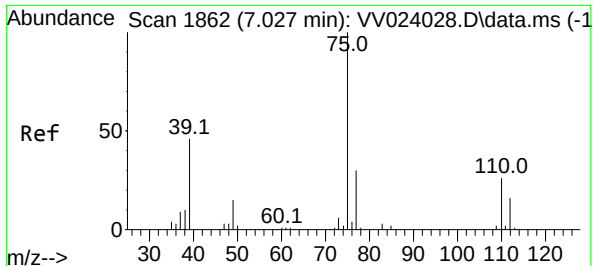
Tgt Ion: 63 Resp: 3562

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV024043.D

Acq: 17 Dec 2021 04:06

Instrument :

MSVOA_V

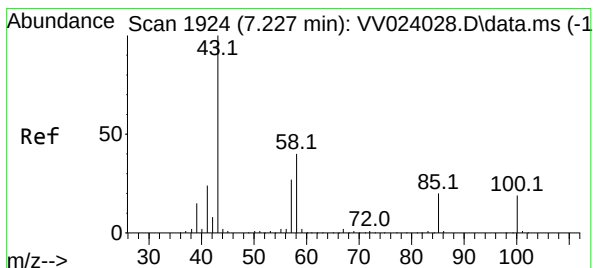
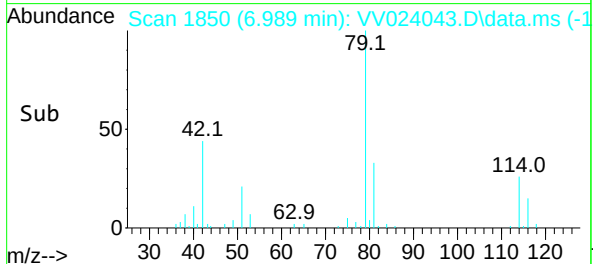
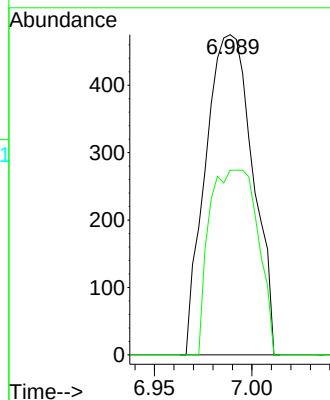
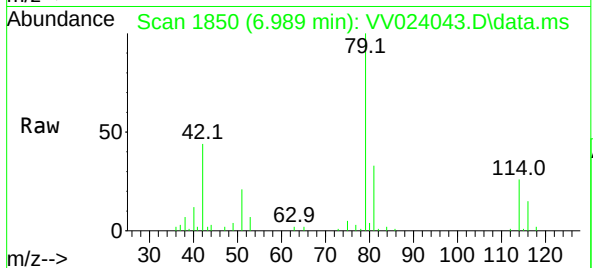
ClientSampleId :

Tgt Ion: 75 Resp: 801

Ion Ratio Lower Upper

75 100

77 57.7 22.0 41.0#



#40

4-Methyl-2-pentanone

Concen: 0.745 ug/L

RT: 7.243 min Scan# 1929

Delta R.T. 0.016 min

Lab File: VV024043.D

Acq: 17 Dec 2021 04:06

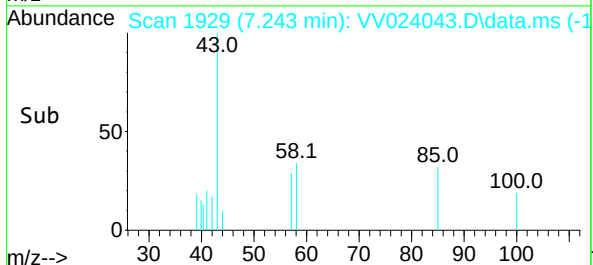
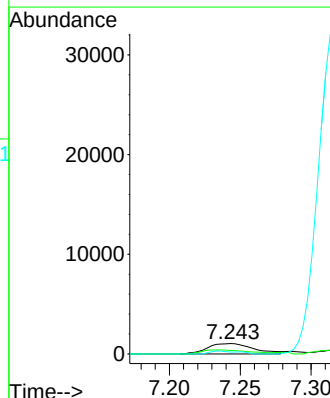
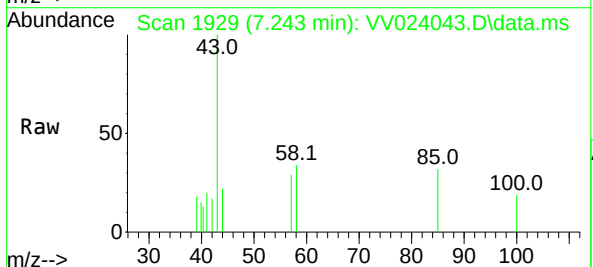
Tgt Ion: 43 Resp: 2353

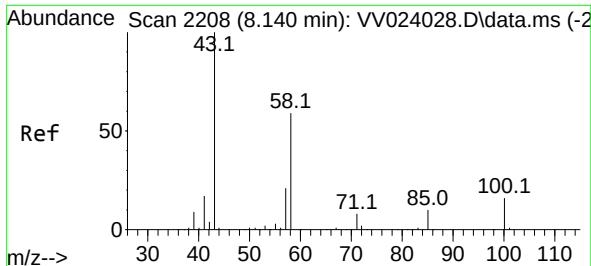
Ion Ratio Lower Upper

43 100

58 38.2 32.3 48.5

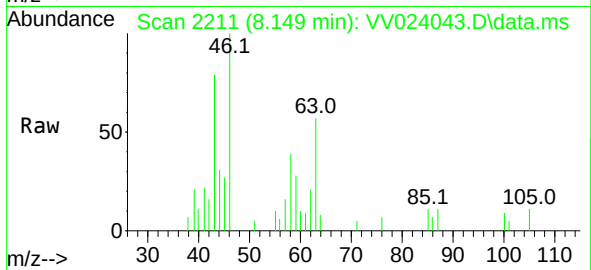
100 0.0 13.0 19.6#



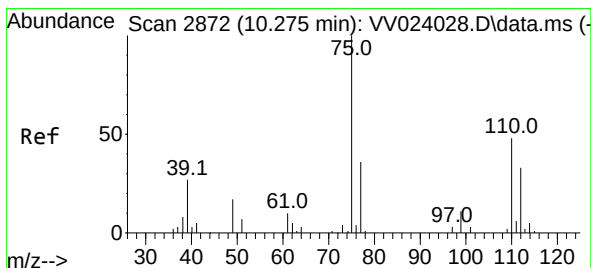
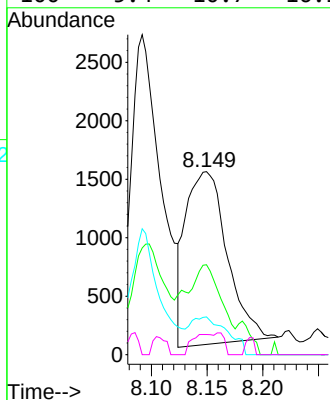
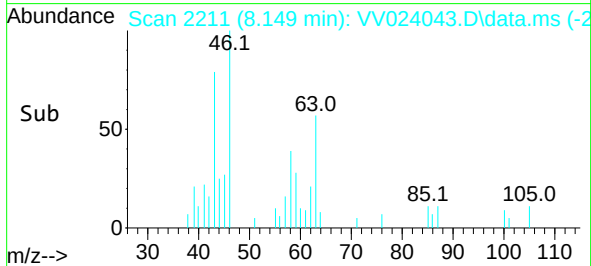


#48
2-Hexanone
Concen: 1.667 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.010 min
Lab File: VV024043.D
Acq: 17 Dec 2021 04:06

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 3817
Ion Ratio Lower Upper
43 100
58 46.5 44.5 66.7
57 19.3 15.1 22.7
100 5.4 10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 0.143 ug/L
RT: 10.018 min Scan# 2792
Delta R.T. -0.254 min
Lab File: VV024043.D
Acq: 17 Dec 2021 04:06

Tgt Ion: 75 Resp: 472
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
110 0.0 34.2 51.2#

