

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023048.D
 Acq On : 26 Oct 2021 19:14
 Operator : SY/MD
 Sample : M4277-16DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 01:35:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 01:29:33 2021
 Response via : Initial Calibration

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

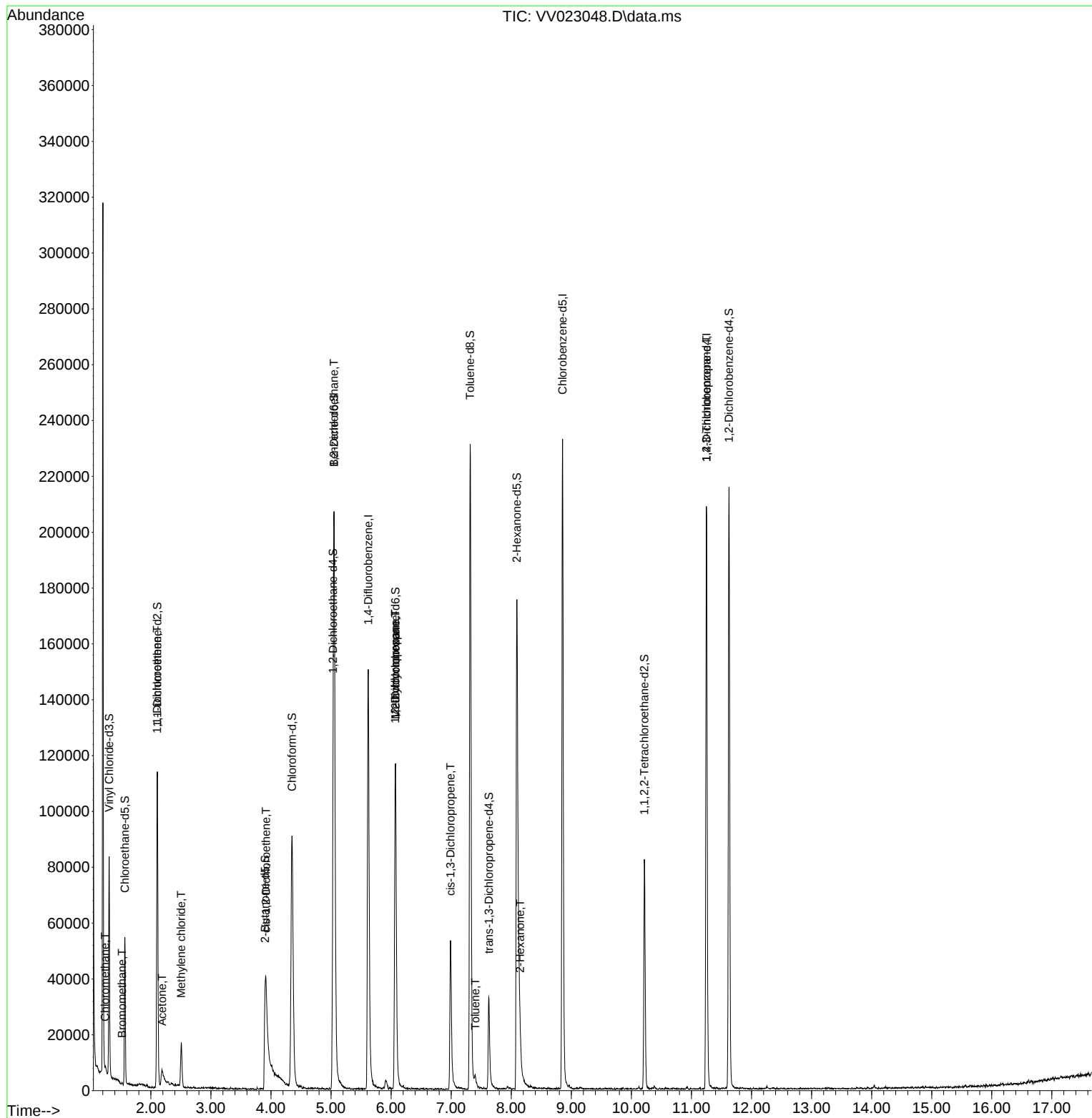
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	135154	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133072	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57531	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49697	4.208	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.568	69	32730	4.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.108	63	58515	3.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.902	46	81411	42.972	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.940%
24) Chloroform-d	4.349	84	96234	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.034	65	44703	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.050	84	189961	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.072	67	59393	4.966	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.317	98	158631	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.629	79	19766	4.717	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.092	63	73295	47.244	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.480%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39705	4.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	57747	5.626	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	690	0.074	ug/L	91
6) Bromomethane	1.519	94	373	0.077	ug/L	99
12) 1,1-Dichloroethene	2.105	96	599	0.087	ug/L #	1
13) Acetone	2.188	43	9382	10.094	ug/L	93
16) Methylene chloride	2.507	84	6607	0.869	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	8311	0.992	ug/L #	95
27) 1,2-Dichloroethane	5.050	62	1204	0.127	ug/L #	72
35) Methylcyclohexane	6.072	83	14668	1.139	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6198	0.687	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1459	0.130	ug/L #	74
42) Toluene	7.400	91	3035	0.084	ug/L	89
48) 2-Hexanone	8.146	43	3612	1.145	ug/L #	90
61) 1,2,3-Trichloropropane	11.249	75	6529	1.612	ug/L #	65

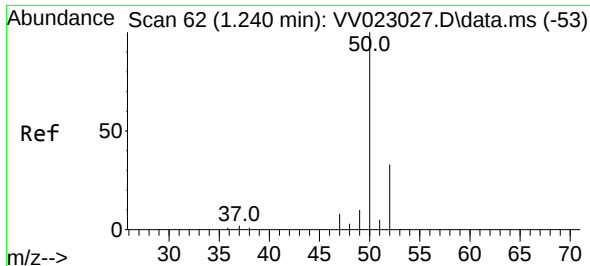
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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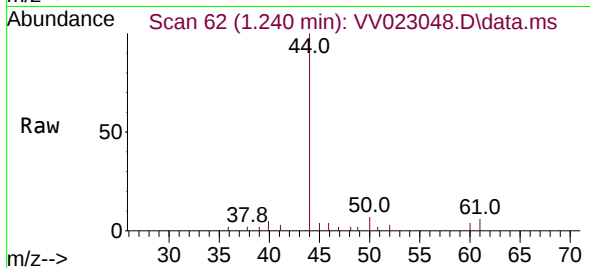
Quant Time: Oct 27 01:35:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
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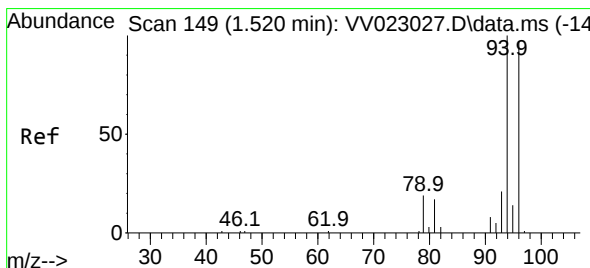
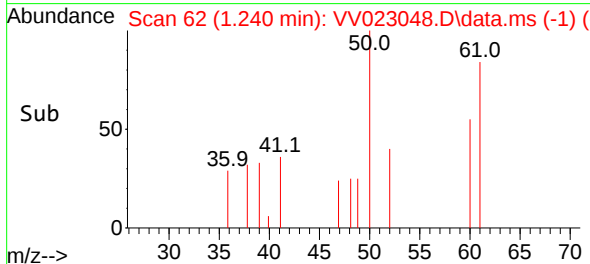
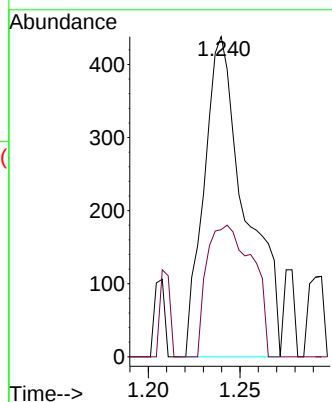


#3
Chloromethane
Concen: 0.074 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV023048.D
Acq: 26 Oct 2021 19:14

Instrument :
MSVOA_V
ClientSampleId :

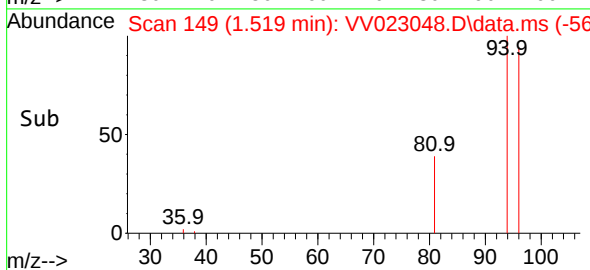
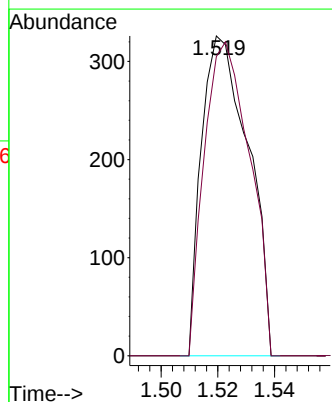
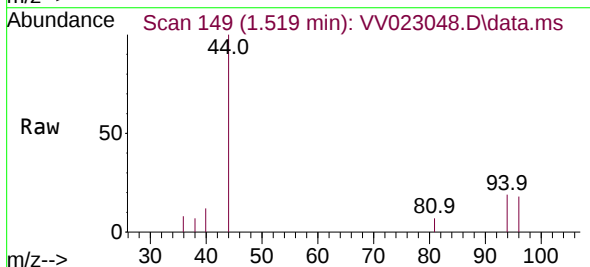


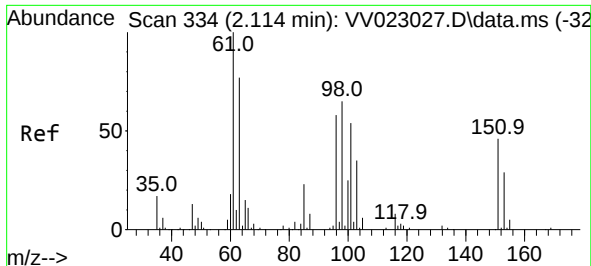
Tgt Ion: 50 Resp: 690
Ion Ratio Lower Upper
50 100
52 39.7 24.3 45.1



#6
Bromomethane
Concen: 0.077 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.000 min
Lab File: VV023048.D
Acq: 26 Oct 2021 19:14

Tgt Ion: 94 Resp: 373
Ion Ratio Lower Upper
94 100
96 93.6 65.0 120.8





#12

1,1-Dichloroethene

Concen: 0.087 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV023048.D

Acq: 26 Oct 2021 19:14

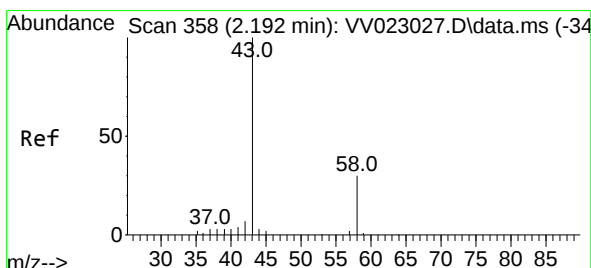
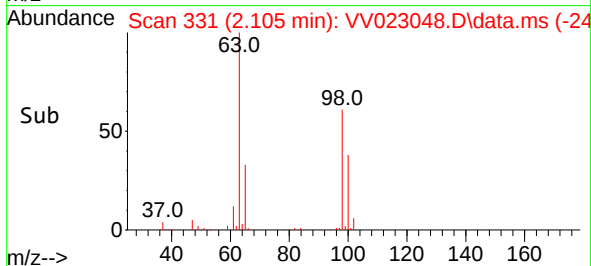
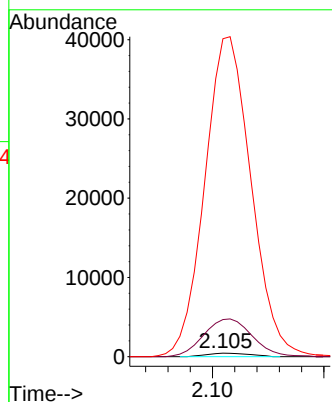
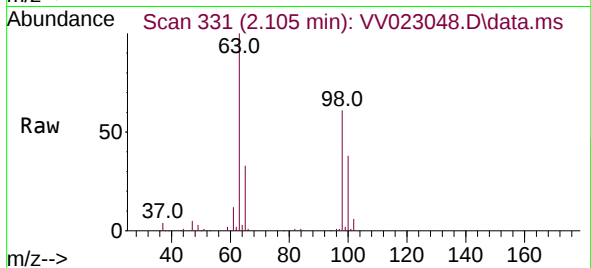
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 599

Ion	Ratio	Lower	Upper
96	100		
61	1056.5	121.5	225.7#
63	9034.2	99.6	185.0#



#13

Acetone

Concen: 10.094 ug/L

RT: 2.188 min Scan# 357

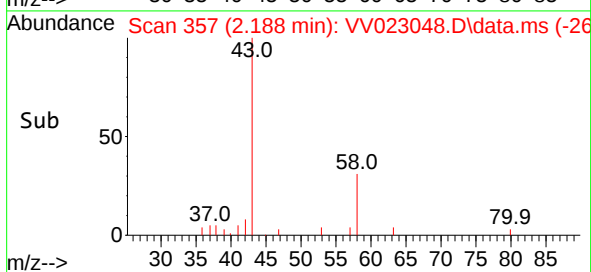
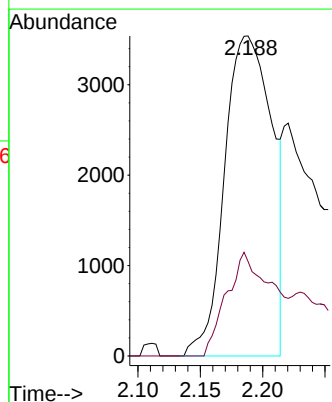
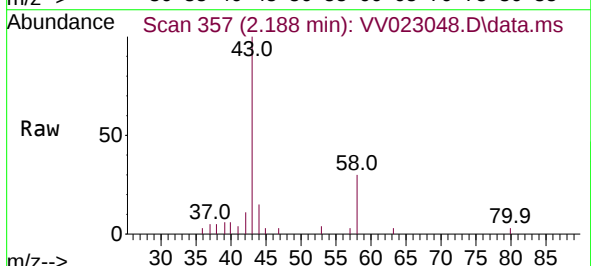
Delta R.T. -0.003 min

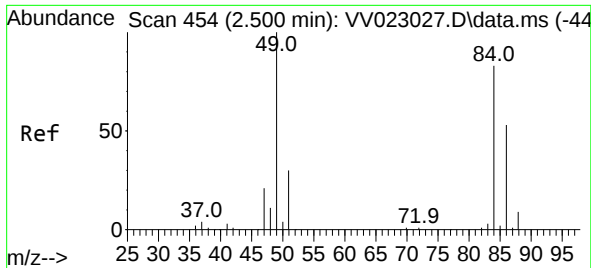
Lab File: VV023048.D

Acq: 26 Oct 2021 19:14

Tgt Ion: 43 Resp: 9382

Ion	Ratio	Lower	Upper
43	100		
58	31.6	0.0	55.4

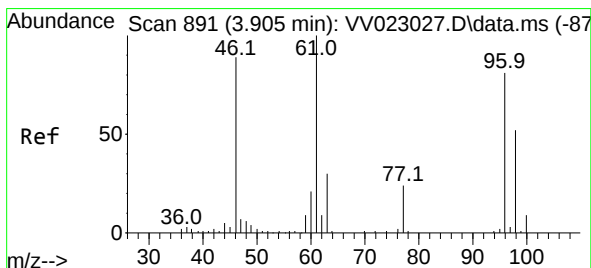
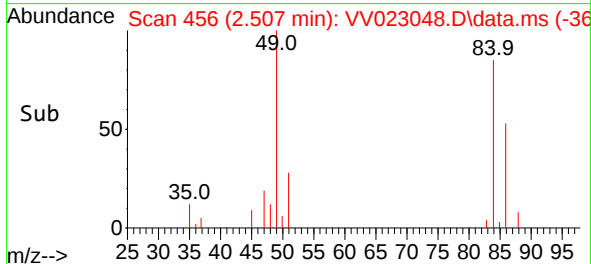
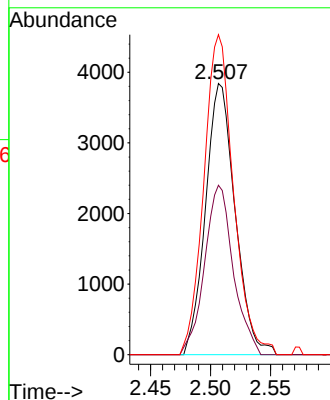
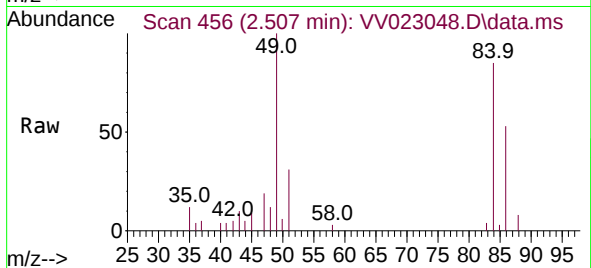




#16
Methylene chloride
Concen: 0.869 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV023048.D
Acq: 26 Oct 2021 19:14

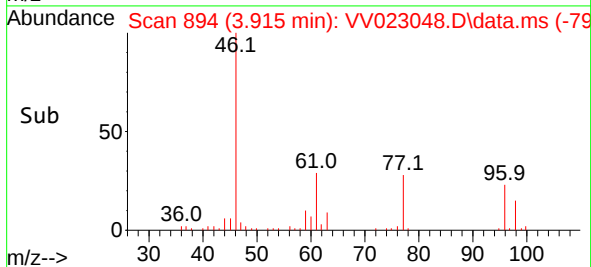
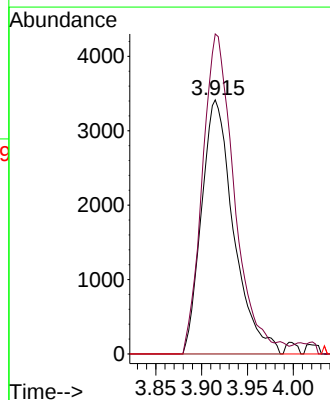
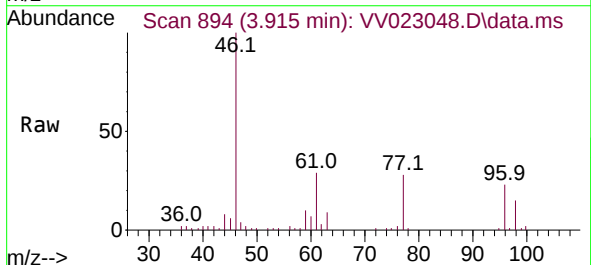
Instrument :
MSVOA_V
ClientSampleId :

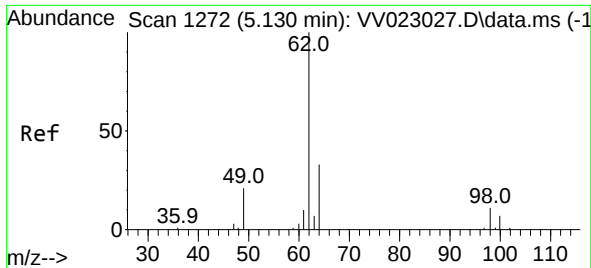
Tgt Ion: 84 Resp: 6607
Ion Ratio Lower Upper
84 100
86 62.5 42.3 78.5
49 118.0 79.7 148.1



#22
cis-1,2-Dichloroethene
Concen: 0.992 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV023048.D
Acq: 26 Oct 2021 19:14

Tgt Ion: 96 Resp: 8311
Ion Ratio Lower Upper
96 100
61 126.0 92.3 171.3
68 0.0 0.4 0.8#





#27

1,2-Dichloroethane

Concen: 0.127 ug/L

RT: 5.050 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV023048.D

Acq: 26 Oct 2021 19:14

Instrument :

MSVOA_V

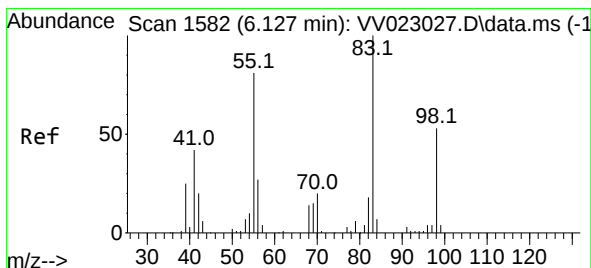
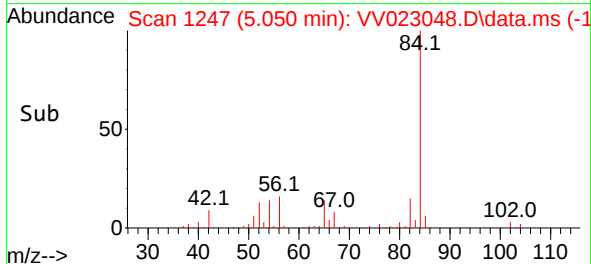
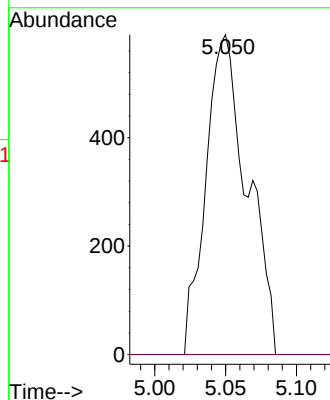
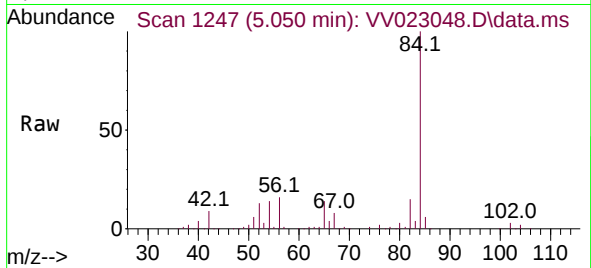
ClientSampleId :

Tgt Ion: 62 Resp: 1204

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#35

Methylcyclohexane

Concen: 1.139 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023048.D

Acq: 26 Oct 2021 19:14

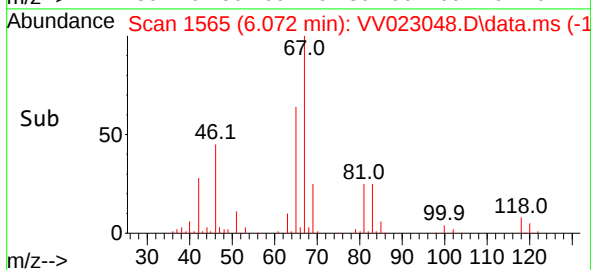
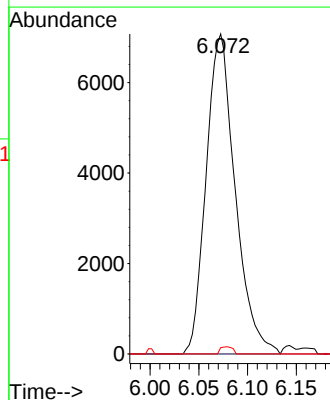
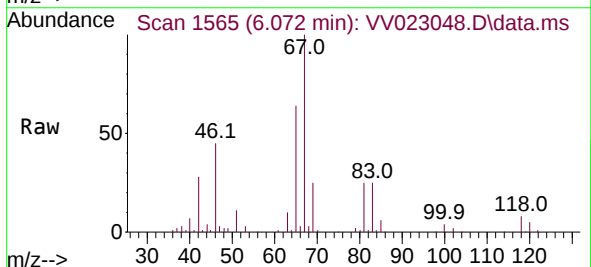
Tgt Ion: 83 Resp: 14668

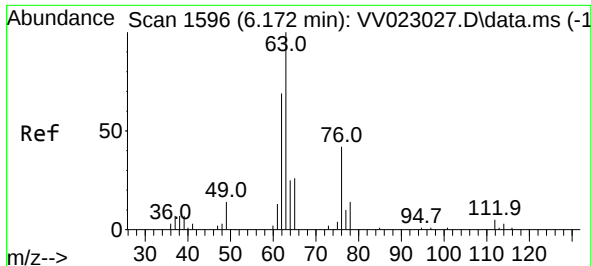
Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.9 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.687 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV023048.D

Acq: 26 Oct 2021 19:14

Instrument :

MSVOA_V

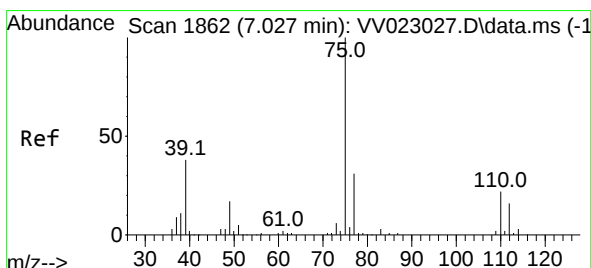
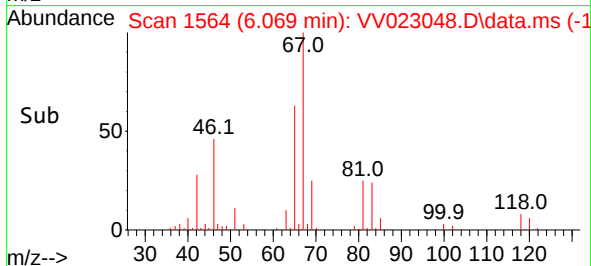
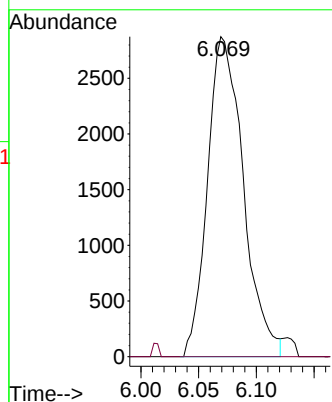
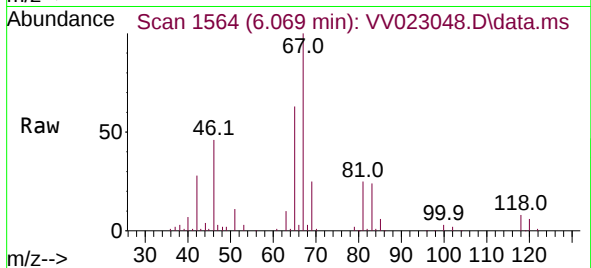
ClientSampleId :

Tgt Ion: 63 Resp: 6198

Ion Ratio Lower Upper

63 100

112 0.7 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.130 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV023048.D

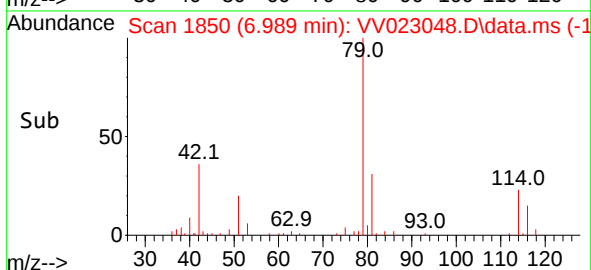
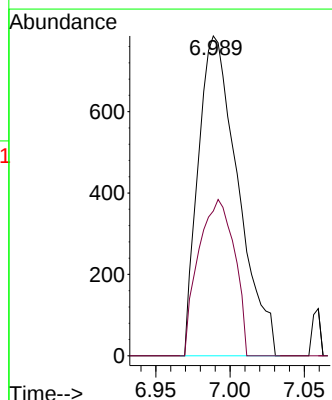
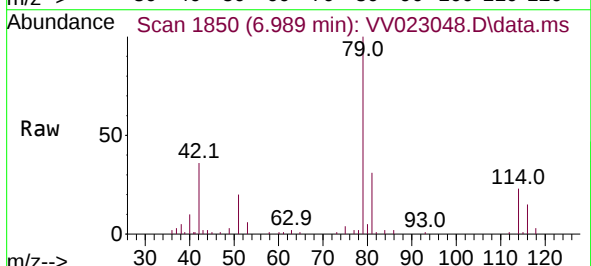
Acq: 26 Oct 2021 19:14

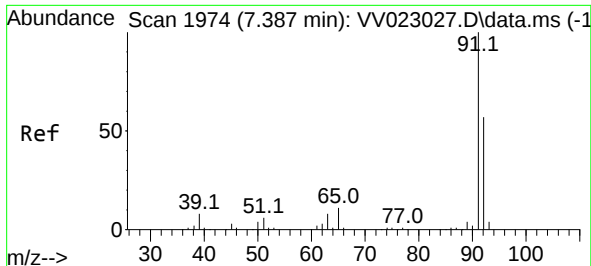
Tgt Ion: 75 Resp: 1459

Ion Ratio Lower Upper

75 100

77 45.3 21.6 40.2#





#42

Toluene

Concen: 0.084 ug/L

RT: 7.400 min Scan# 1974

Delta R.T. 0.013 min

Lab File: VV023048.D

Acq: 26 Oct 2021 19:14

Instrument :

MSVOA_V

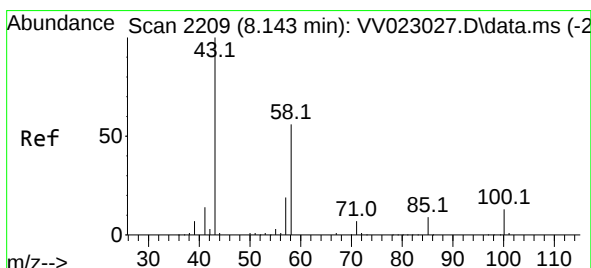
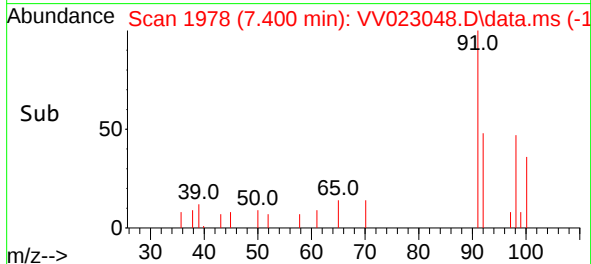
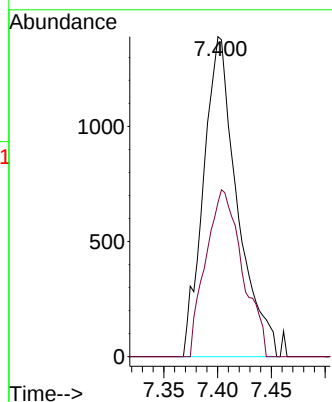
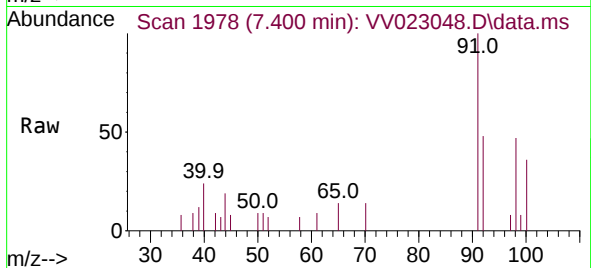
ClientSampleId :

Tgt Ion: 91 Resp: 3035

Ion Ratio Lower Upper

91 100

92 48.1 39.3 72.9



#48

2-Hexanone

Concen: 1.145 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VV023048.D

Acq: 26 Oct 2021 19:14

Tgt Ion: 43 Resp: 3612

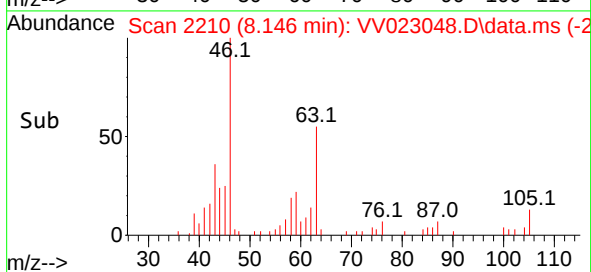
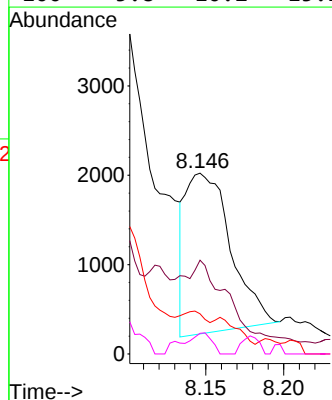
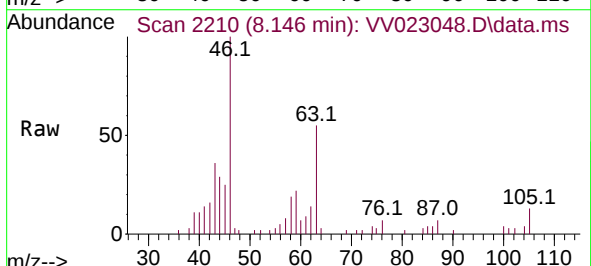
Ion Ratio Lower Upper

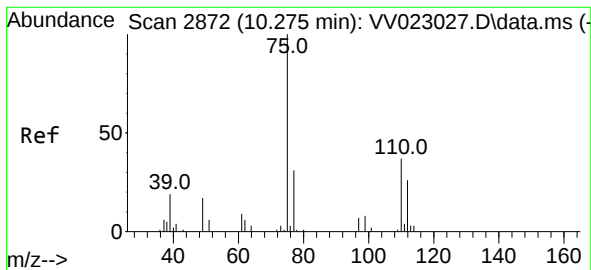
43 100

58 55.3 43.7 65.5

57 3.8 14.1 21.1#

100 5.8 10.2 15.2#





#61

1,2,3-Trichloropropane

Concen: 1.612 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

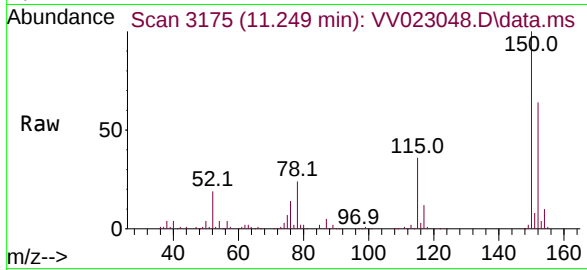
Lab File: VV023048.D

Acq: 26 Oct 2021 19:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6529

Ion Ratio Lower Upper

75 100

77 32.8 26.6 39.8

110 0.6 31.8 47.6#

