

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024019.D
 Acq On : 16 Dec 2021 17:38
 Operator : SY/MD
 Sample : M5090-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 02:02:04 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

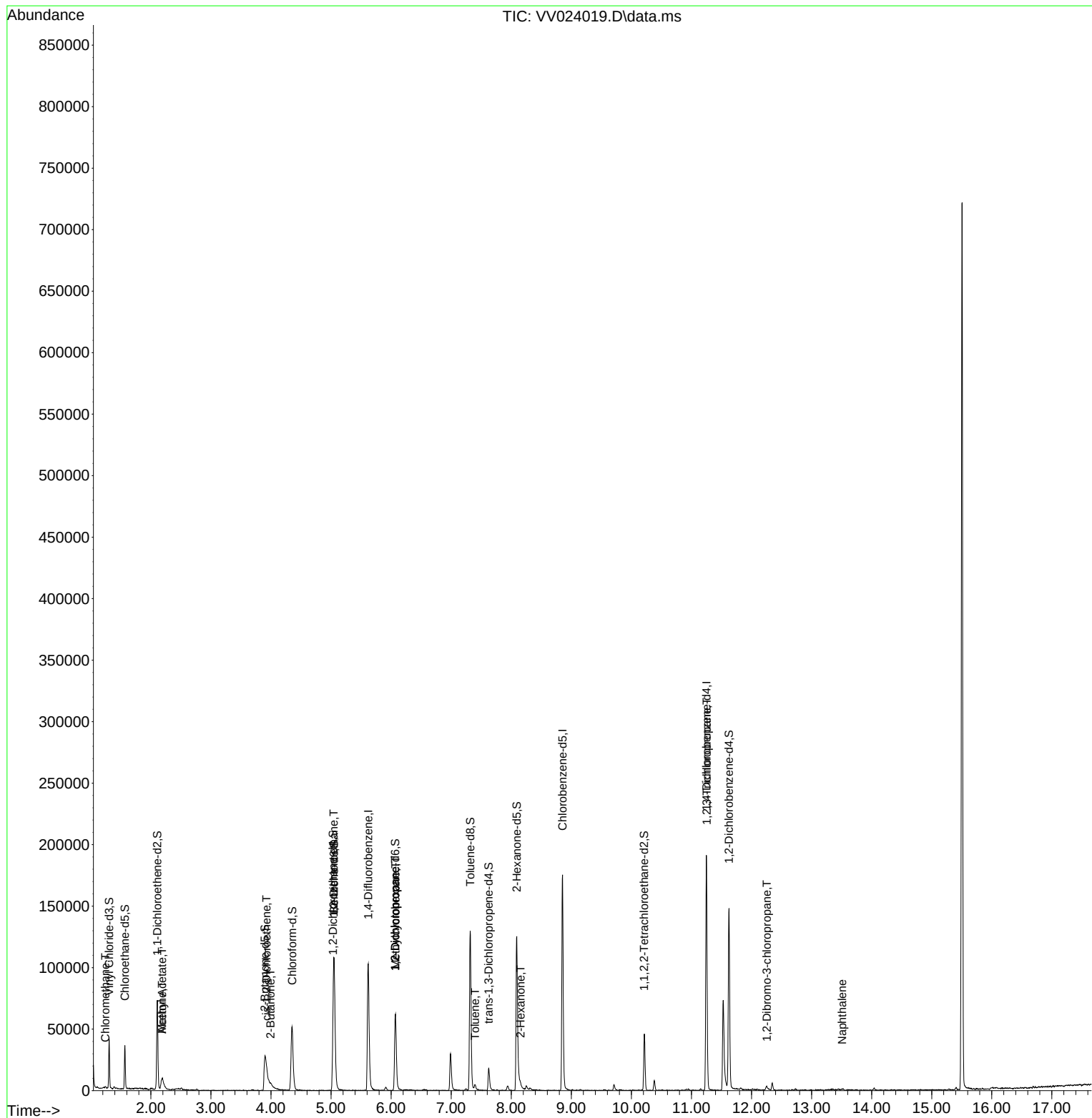
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	92871	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	97575	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50525	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23334	4.674	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.400%	
7) Chloroethane-d5	1.568	69	20245	4.860	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.200%	
11) 1,1-Dichloroethene-d2	2.108	63	36428	3.738	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.800%	
20) 2-Butanone-d5	3.899	46	55447	56.844	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.680%	
24) Chloroform-d	4.352	84	52006	4.599	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.034	65	26750	5.080	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
32) Benzene-d6	5.050	84	97957	5.069	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
36) 1,2-Dichloropropane-d6	6.069	67	28174	4.832	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.600%	
41) Toluene-d8	7.317	98	88456	5.084	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
43) trans-1,3-Dichloroprop...	7.625	79	10704	4.425	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.091	63	41695	38.505	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.020%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	19870	4.108	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	38405	5.691	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	822	0.119	ug/L #	70
13) Acetone	2.188	43	20011	25.643	ug/L	77
15) Methyl Acetate	2.188	43	17059	9.019	ug/L #	50
21) 2-Butanone	3.992	43	2908	2.608	ug/L #	34
22) cis-1,2-Dichloroethene	3.924	96	854	0.117	ug/L	68
27) 1,2-Dichloroethane	5.043	62	626	0.084	ug/L #	73
35) Methylcyclohexane	6.072	83	7558	0.660	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	3431	0.523	ug/L #	84
42) Toluene	7.397	91	3366	0.108	ug/L	93
48) 2-Hexanone	8.156	43	3422	1.497	ug/L #	54
61) 1,2,3-Trichloropropane	11.252	75	5193	1.509	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	12.252	75	85	0.113	ug/L #	1
71) Naphthalene	13.509	128	1001	0.071	ug/L #	83

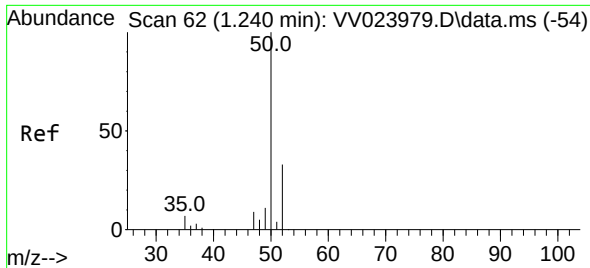
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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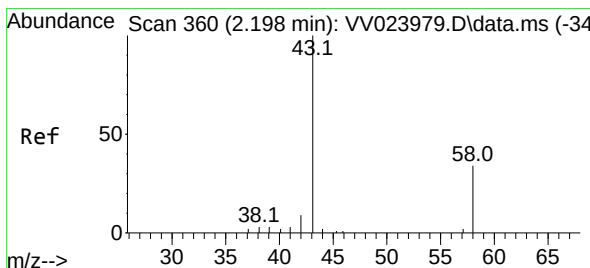
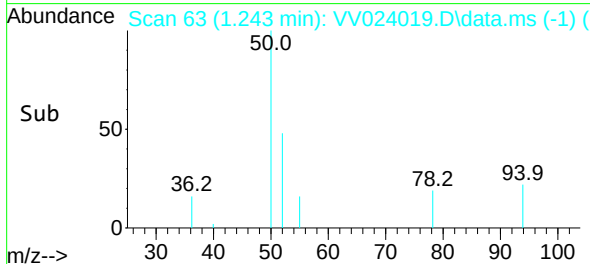
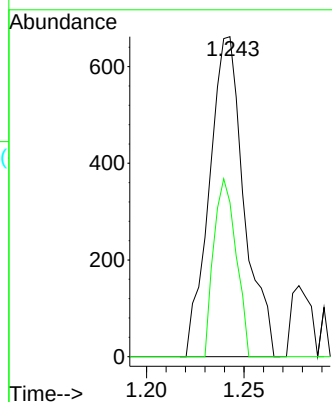
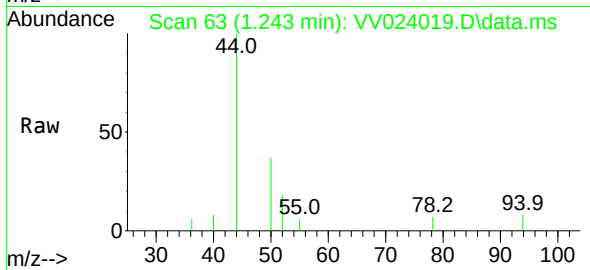




#3
Chloromethane
Concen: 0.119 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024019.D
Acq: 16 Dec 2021 17:38

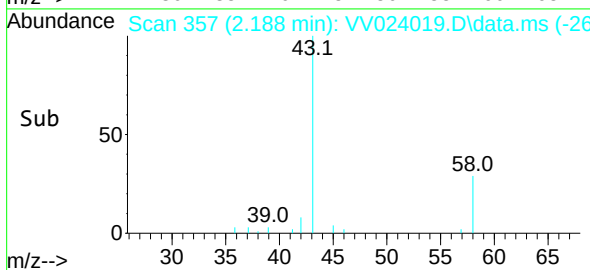
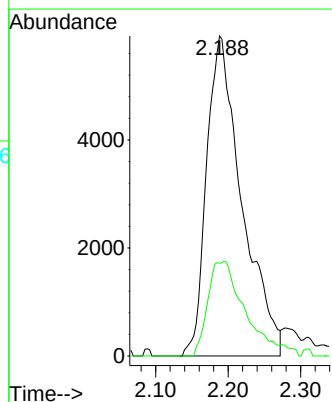
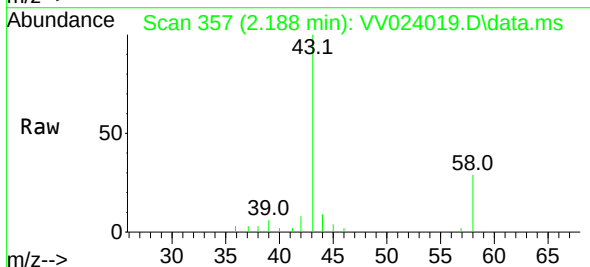
Instrument :
MSVOA_V
ClientSampleId :

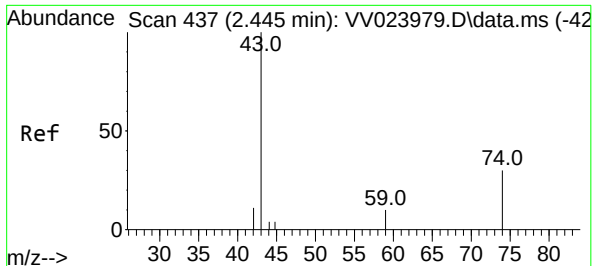
Tgt Ion: 50 Resp: 822
Ion Ratio Lower Upper
50 100
52 48.2 22.0 41.0#



#13
Acetone
Concen: 25.643 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.010 min
Lab File: VV024019.D
Acq: 16 Dec 2021 17:38

Tgt Ion: 43 Resp: 20011
Ion Ratio Lower Upper
43 100
58 31.5 0.0 41.4

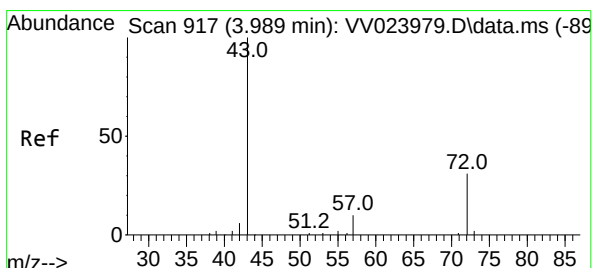
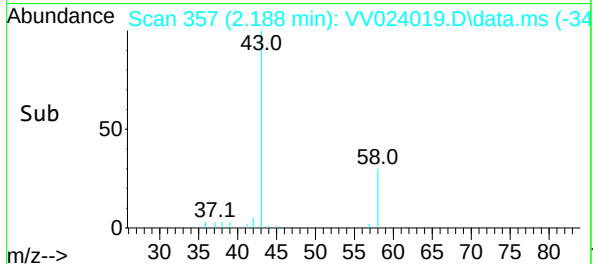
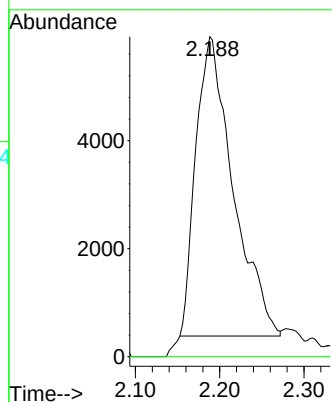
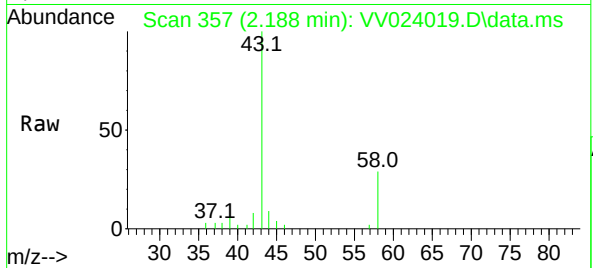




#15
Methyl Acetate
Concen: 9.019 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.257 min
Lab File: VV024019.D
Acq: 16 Dec 2021 17:38

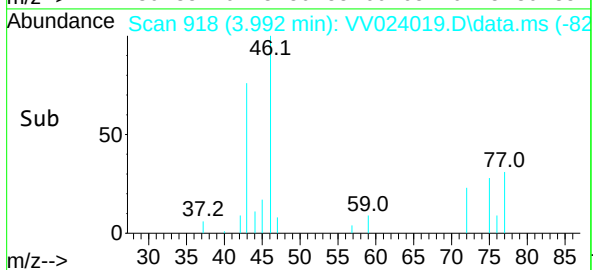
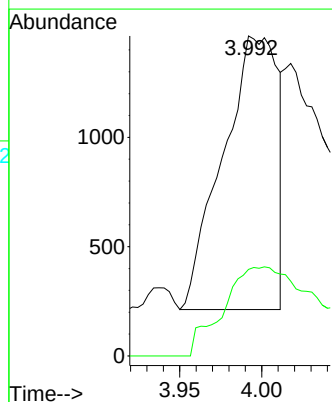
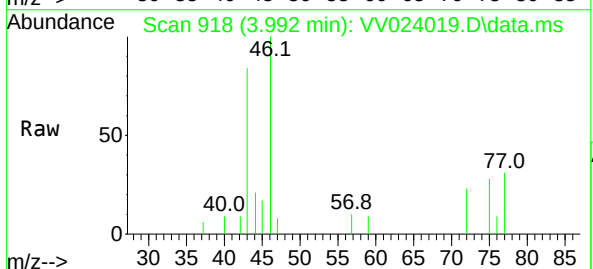
Instrument :
MSVOA_V
ClientSampleId :

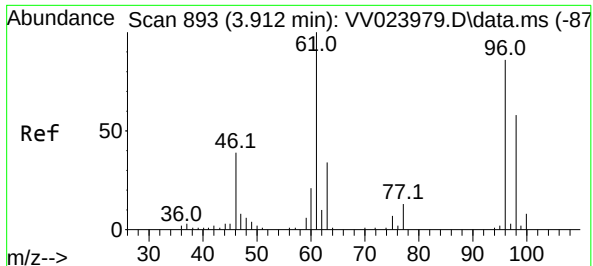
Tgt Ion: 43 Resp: 17059
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#21
2-Butanone
Concen: 2.608 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.003 min
Lab File: VV024019.D
Acq: 16 Dec 2021 17:38

Tgt Ion: 43 Resp: 2908
Ion Ratio Lower Upper
43 100
72 53.7 11.1 33.1#





#22

cis-1,2-Dichloroethene

Concen: 0.117 ug/L

RT: 3.924 min Scan# 89

Delta R.T. 0.013 min

Lab File: VV024019.D

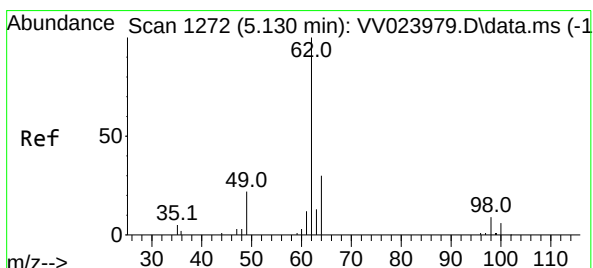
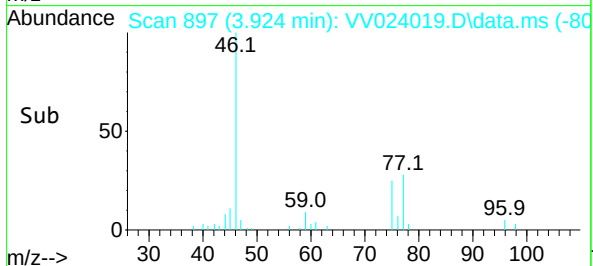
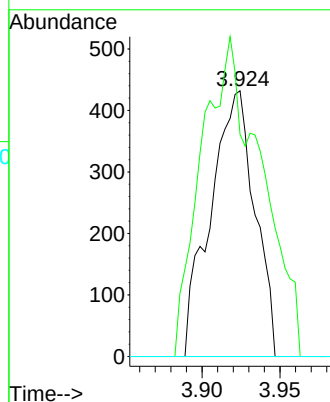
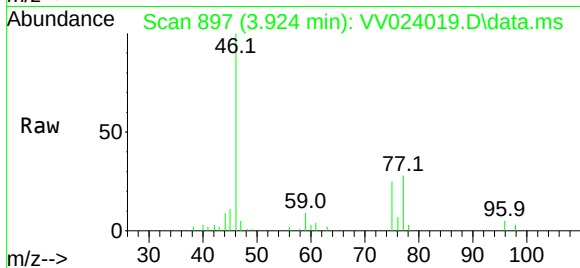
Acq: 16 Dec 2021 17:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96	Resp:	854
Ion	Ratio	Lower Upper
96	100	
61	83.6	83.4 154.8
68	0.0	0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.084 ug/L

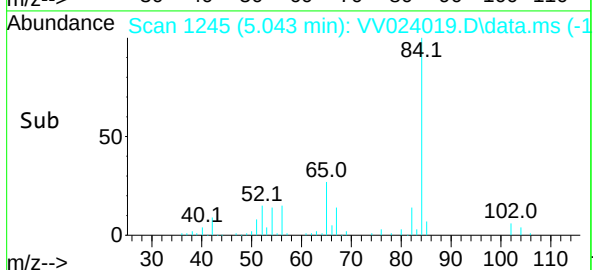
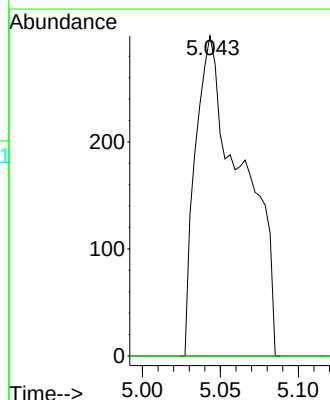
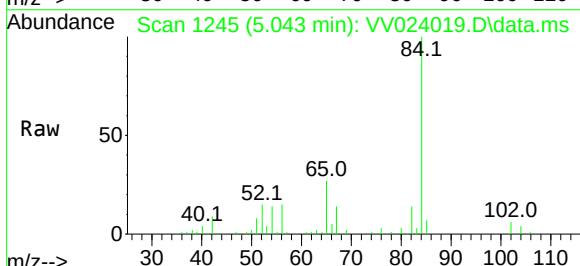
RT: 5.043 min Scan# 1245

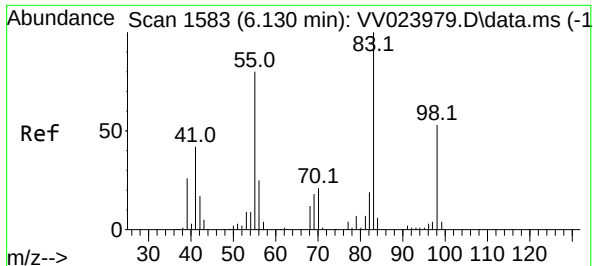
Delta R.T. -0.087 min

Lab File: VV024019.D

Acq: 16 Dec 2021 17:38

Tgt Ion: 62	Resp:	626
Ion	Ratio	Lower Upper
62	100	
98	0.0	8.1 12.1#

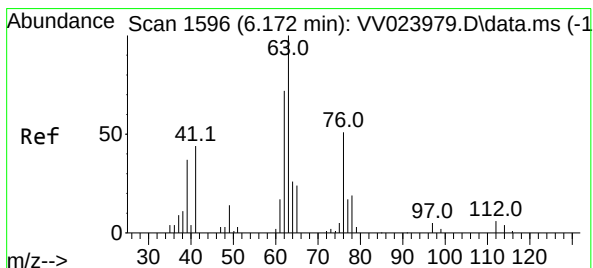
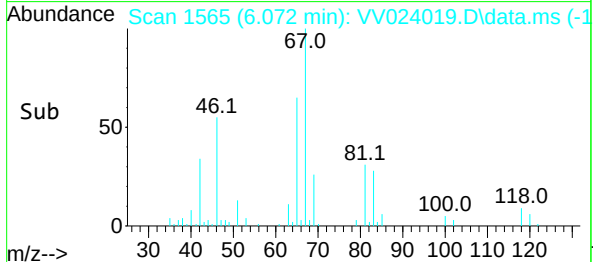
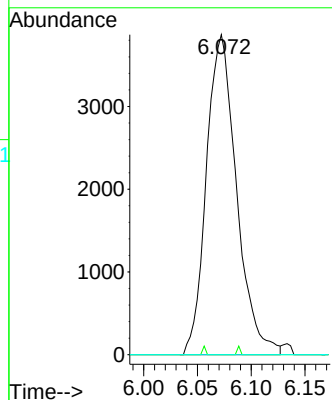
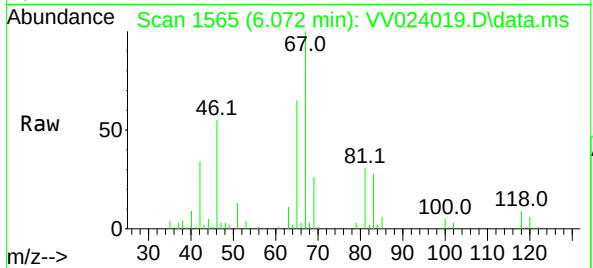




#35
Methylcyclohexane
Concen: 0.660 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV024019.D
Acq: 16 Dec 2021 17:38

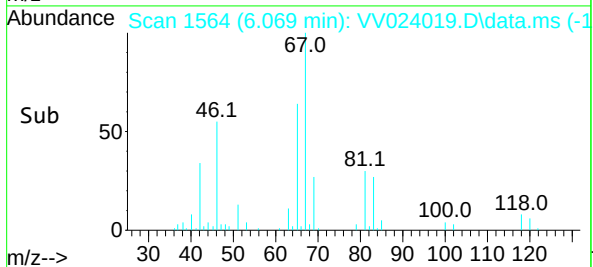
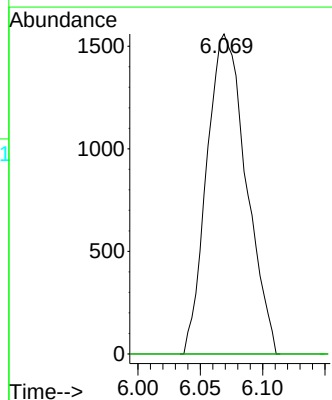
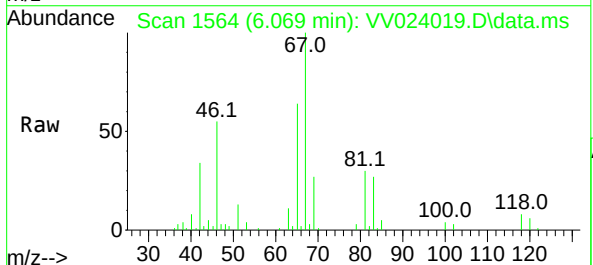
Instrument :
MSVOA_V
ClientSampleId :

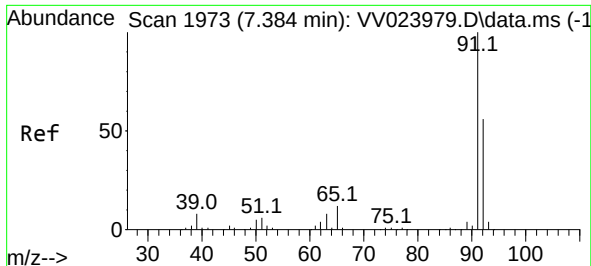
Tgt Ion: 83 Resp: 7558
Ion Ratio Lower Upper
83 100
55 0.3 60.2 90.2#
98 7.7 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV024019.D
Acq: 16 Dec 2021 17:38

Tgt Ion: 63 Resp: 3431
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#42

Toluene

Concen: 0.108 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV024019.D

Acq: 16 Dec 2021 17:38

Instrument :

MSVOA_V

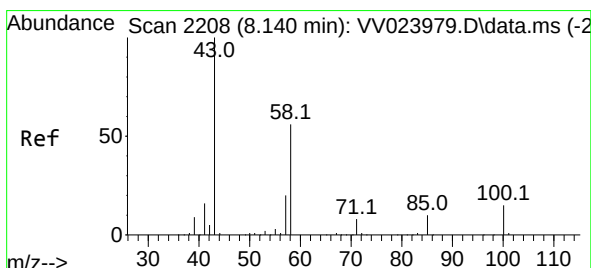
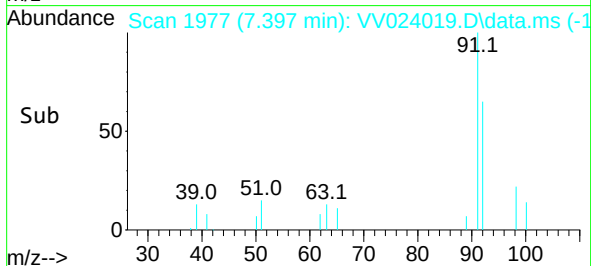
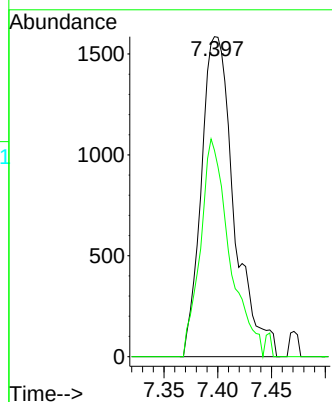
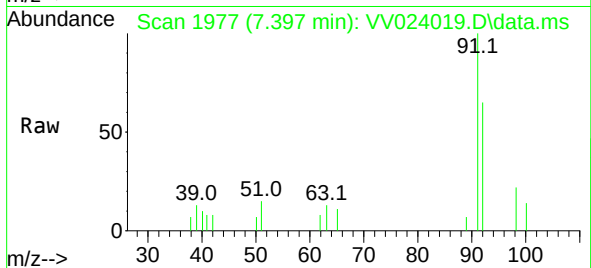
ClientSampleId :

Tgt Ion: 91 Resp: 3366

Ion Ratio Lower Upper

91 100

92 64.5 41.5 77.1



#48

2-Hexanone

Concen: 1.497 ug/L

RT: 8.156 min Scan# 2213

Delta R.T. 0.016 min

Lab File: VV024019.D

Acq: 16 Dec 2021 17:38

Tgt Ion: 43 Resp: 3422

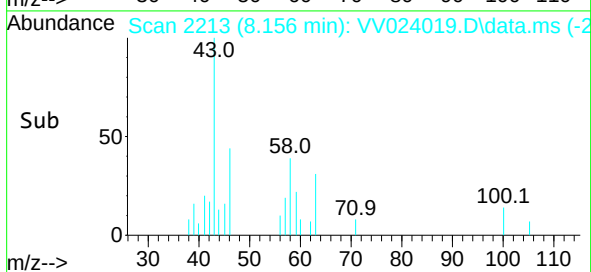
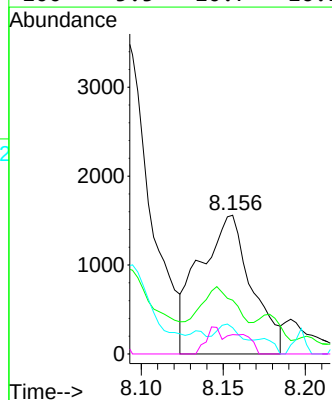
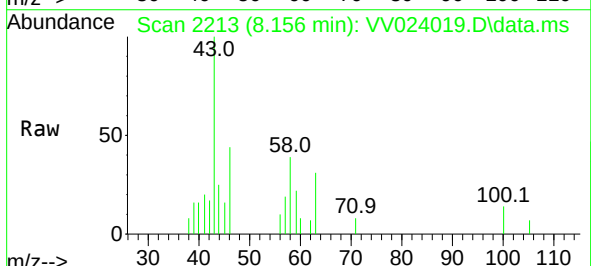
Ion Ratio Lower Upper

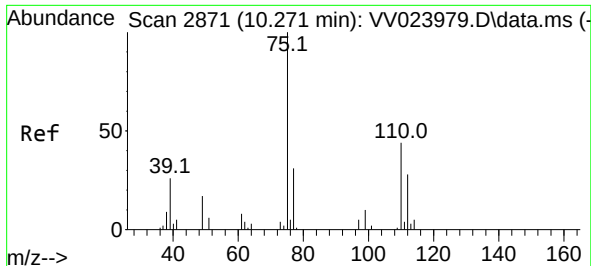
43 100

58 13.3 44.5 66.7#

57 4.9 15.1 22.7#

100 5.5 10.7 16.1#





#61

1,2,3-Trichloropropane

Concen: 1.509 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.981 min

Lab File: VV024019.D

Acq: 16 Dec 2021 17:38

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ClientSampleId :

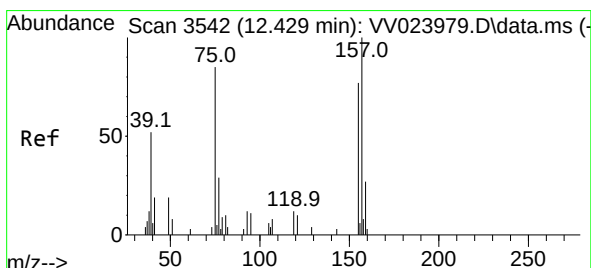
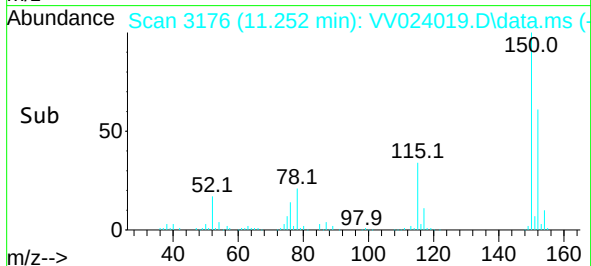
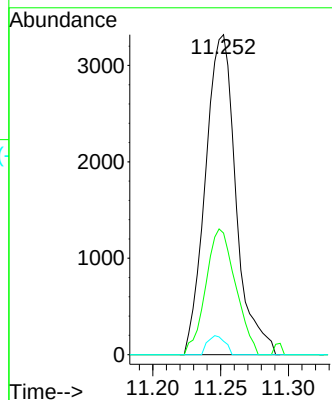
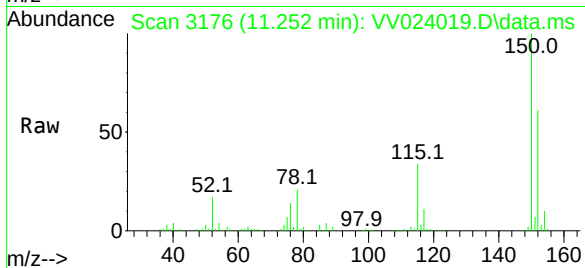
Tgt Ion: 75 Resp: 5193

Ion Ratio Lower Upper

75 100

77 38.4 26.4 39.6

110 3.4 34.2 51.2#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.113 ug/L

RT: 12.252 min Scan# 3487

Delta R.T. -0.177 min

Lab File: VV024019.D

Acq: 16 Dec 2021 17:38

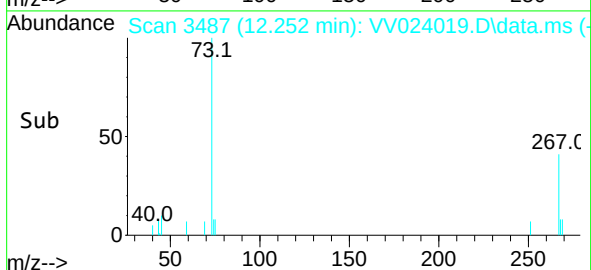
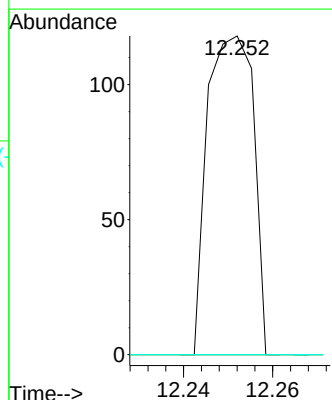
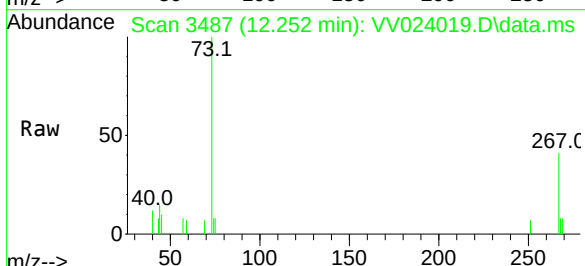
Tgt Ion: 75 Resp: 85

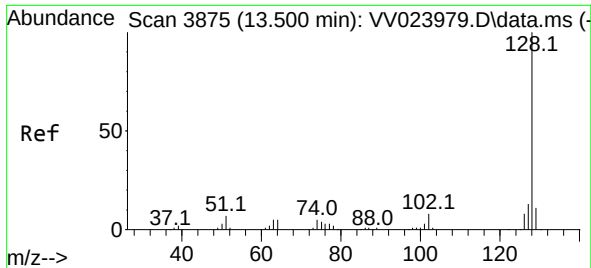
Ion Ratio Lower Upper

75 100

155 0.0 71.7 107.5#

157 0.0 103.3 154.9#





#71

Naphthalene

Concen: 0.071 ug/L

RT: 13.509 min Scan# 3878

Delta R.T. 0.010 min

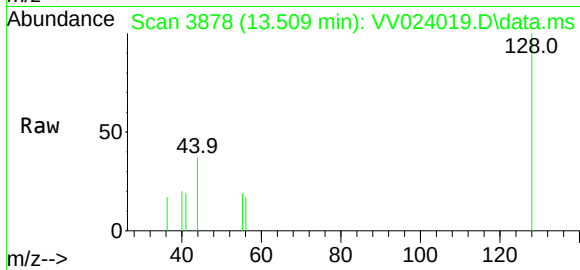
Lab File: VV024019.D

Acq: 16 Dec 2021 17:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 1001

Ion Ratio Lower Upper

128 100

129 4.9 9.0 13.4#

127 6.2 10.2 15.4#

