

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
 Data File : VV029133.D
 Acq On : 18 Nov 2022 21:57
 Operator : SY/MD
 Sample : VV1118WBL02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 02:00:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

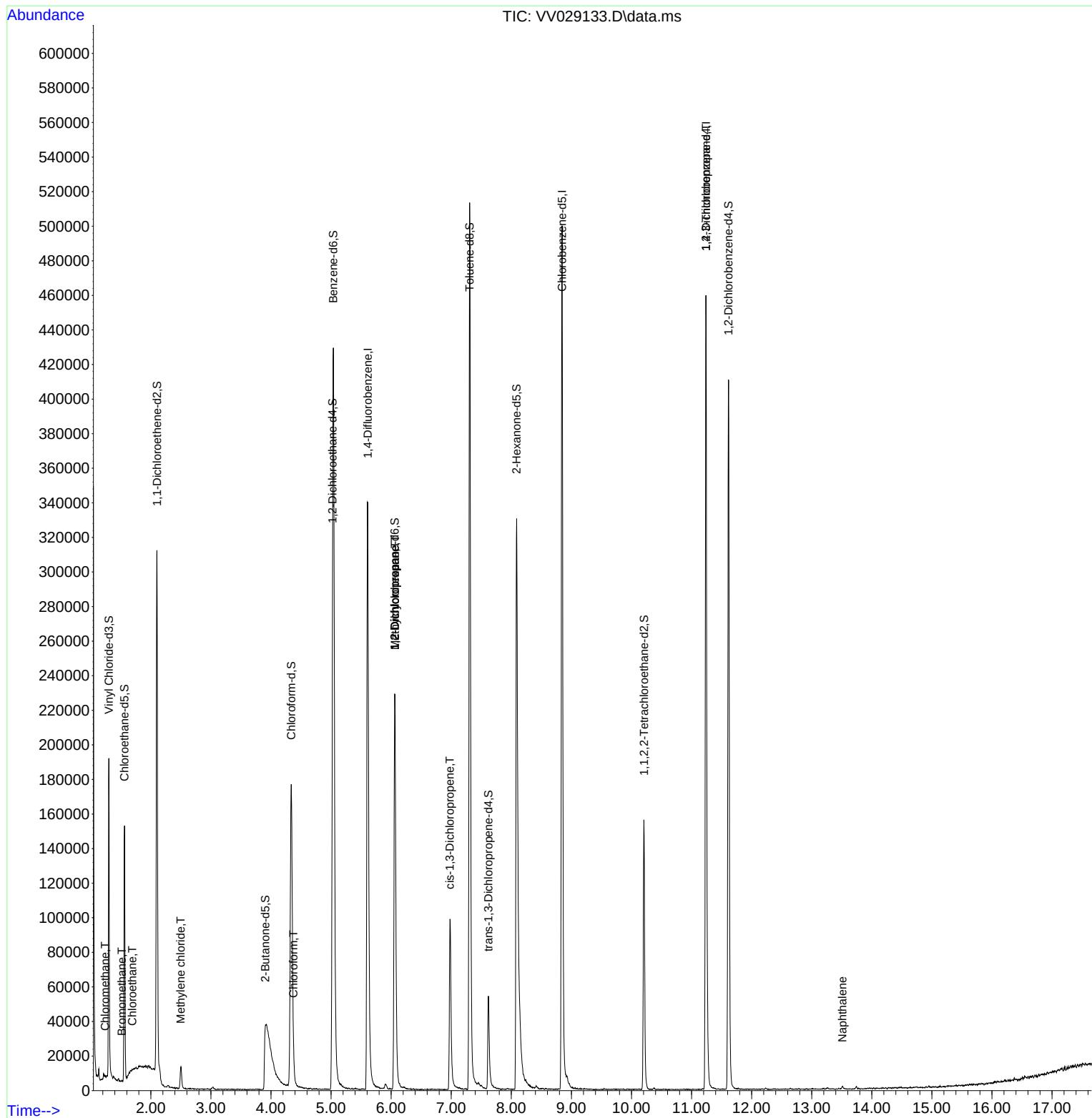
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	316288	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	293125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	129442	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	119917	6.219	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	124.400%	
7) Chloroethane-d5	1.561	69	92992	5.486	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	109.800%	
11) 1,1-Dichloroethene-d2	2.101	63	154597	4.399	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.000%	
20) 2-Butanone-d5	3.905	46	33559	10.397	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	20.800%#	
24) Chloroform-d	4.336	84	188649	4.765	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
26) 1,2-Dichloroethane-d4	5.024	65	89600	5.030	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	5.037	84	410857	4.696	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
36) 1,2-Dichloropropane-d6	6.059	67	121587	4.977	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.307	98	358274	4.549	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
43) trans-1,3-Dichloroprop...	7.619	79	34922	4.383	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.600%	
46) 2-Hexanone-d5	8.088	63	139174	40.918	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.840%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	78733	4.648	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.000%	
66) 1,2-Dichlorobenzene-d4	11.616	152	114397	4.940	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1141	0.052	ug/L	97
6) Bromomethane	1.516	94	711	0.048	ug/L	89
8) Chloroethane	1.693	64	24870	1.696	ug/L #	52
16) Methylene chloride	2.497	84	5711	0.231	ug/L	96
25) Chloroform	4.375	83	6042	0.159	ug/L	91
35) Methylcyclohexane	6.063	83	29052	0.721	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	12771	0.618	ug/L #	86
39) cis-1,3-Dichloropropene	6.976	75	2298	0.080	ug/L #	51
61) 1,2,3-Trichloropropane	11.239	75	14817	1.675	ug/L #	65
71) Naphthalene	13.509	128	2079	0.070	ug/L #	86

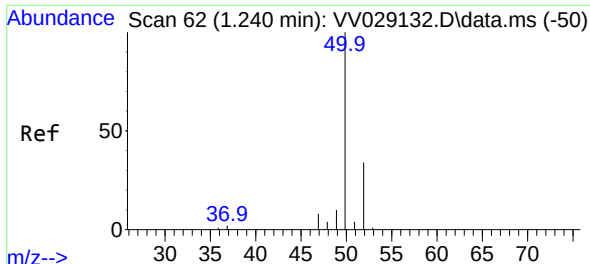
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

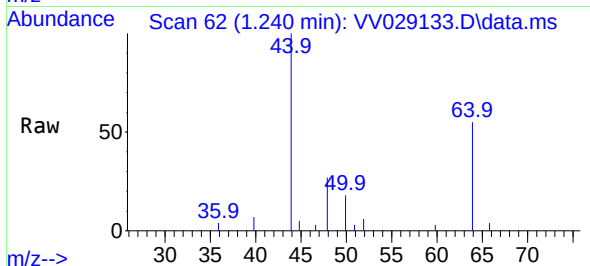
Quant Time: Nov 19 02:00:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
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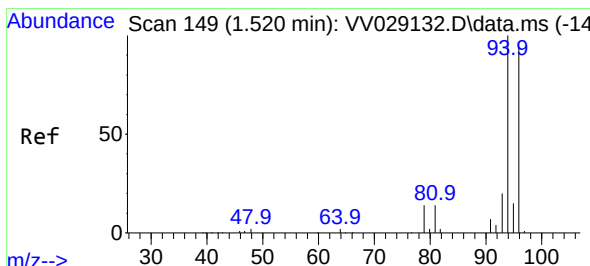
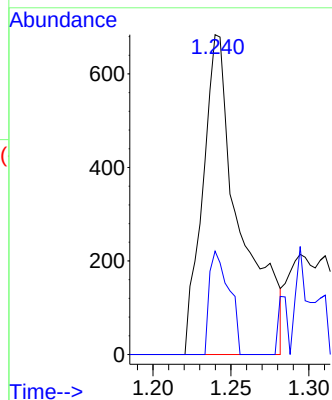
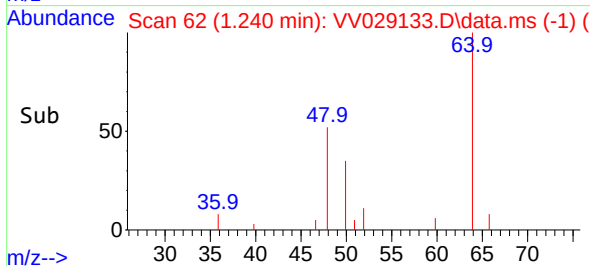


#3
Chloromethane
Concen: 0.052 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029133.D
Acq: 18 Nov 2022 21:57

Instrument :
MSVOA_V
ClientSampleId :

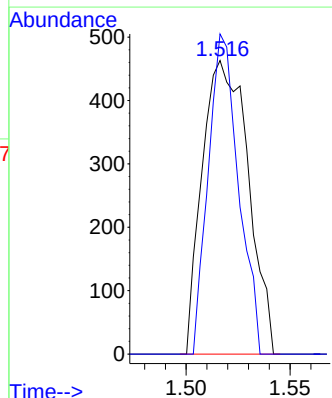
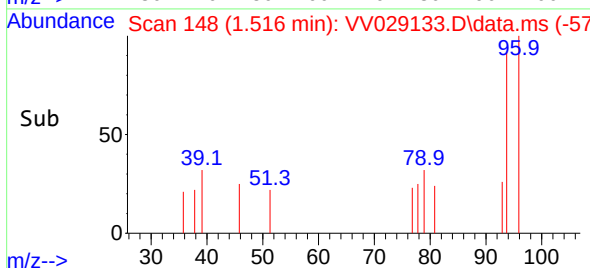
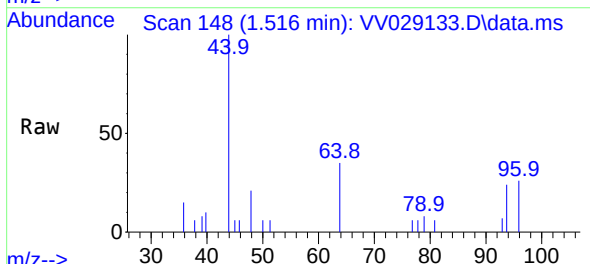


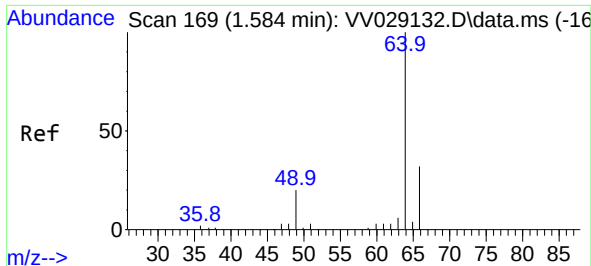
Tgt Ion: 50 Resp: 1141
Ion Ratio Lower Upper
50 100
52 32.3 23.7 43.9



#6
Bromomethane
Concen: 0.048 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.006 min
Lab File: VV029133.D
Acq: 18 Nov 2022 21:57

Tgt Ion: 94 Resp: 711
Ion Ratio Lower Upper
94 100
96 109.1 68.5 127.3





#8

Chloroethane

Concen: 1.696 ug/L

RT: 1.693 min Scan# 20

Delta R.T. 0.106 min

Lab File: VV029133.D

Acq: 18 Nov 2022 21:57

Instrument :

MSVOA_V

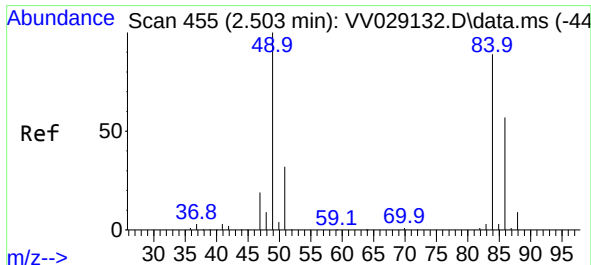
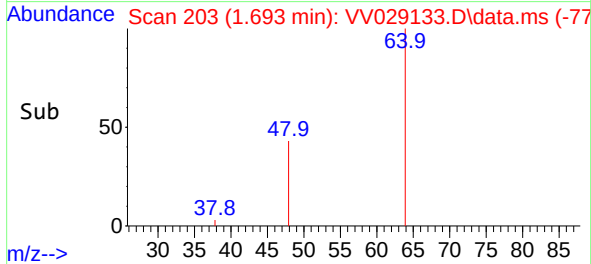
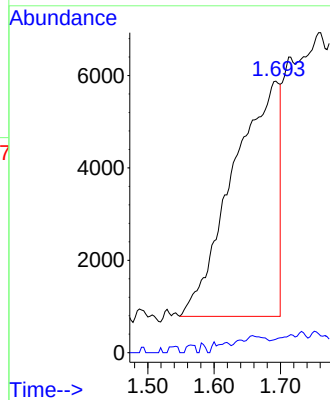
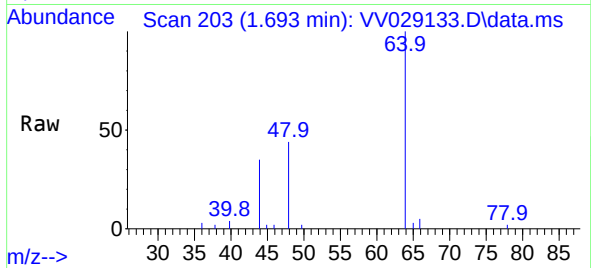
ClientSampleId :

Tgt Ion: 64 Resp: 24870

Ion Ratio Lower Upper

64 100

66 4.9 22.0 40.8#



#16

Methylene chloride

Concen: 0.231 ug/L

RT: 2.497 min Scan# 453

Delta R.T. -0.010 min

Lab File: VV029133.D

Acq: 18 Nov 2022 21:57

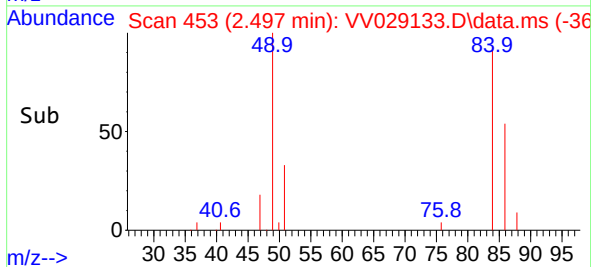
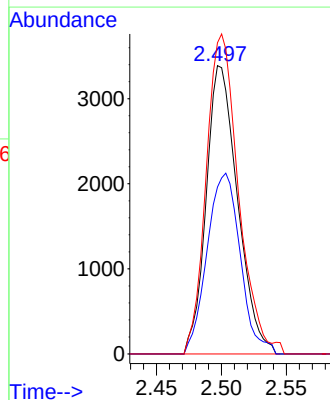
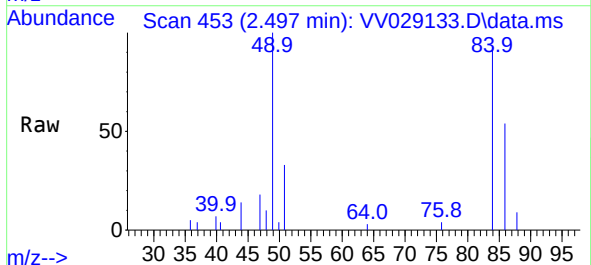
Tgt Ion: 84 Resp: 5711

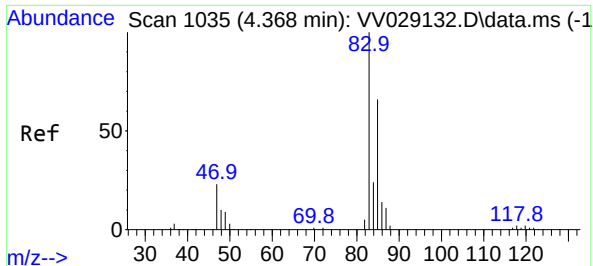
Ion Ratio Lower Upper

84 100

86 57.9 45.8 85.0

49 107.9 75.5 140.1





#25

Chloroform

Concen: 0.159 ug/L

RT: 4.375 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VV029133.D

Acq: 18 Nov 2022 21:57

Instrument :

MSVOA_V

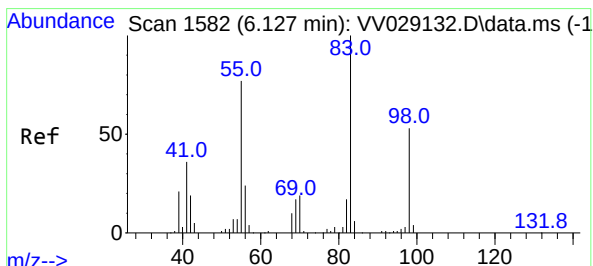
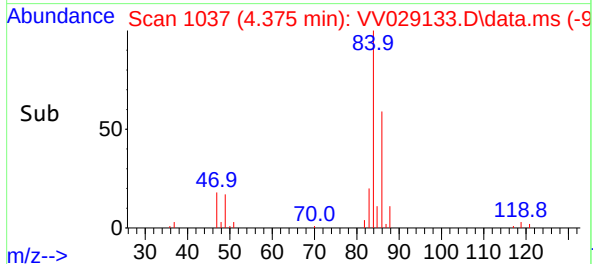
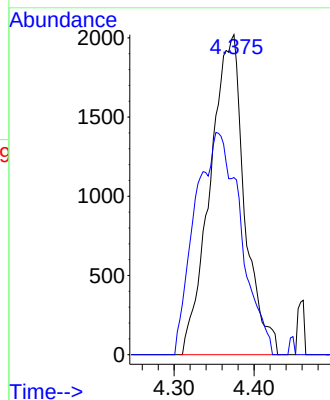
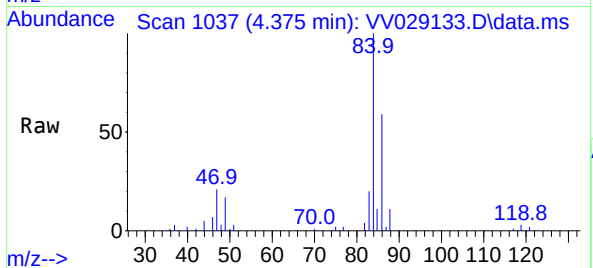
ClientSampleId :

Tgt Ion: 83 Resp: 6042

Ion Ratio Lower Upper

83 100

85 55.3 43.7 81.1



#35

Methylcyclohexane

Concen: 0.721 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.068 min

Lab File: VV029133.D

Acq: 18 Nov 2022 21:57

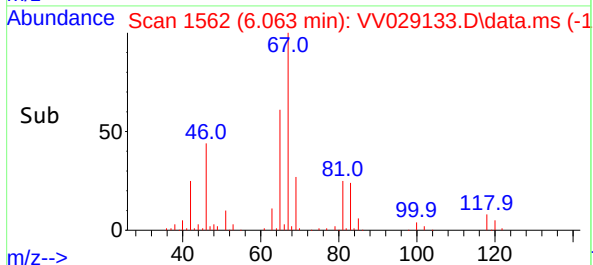
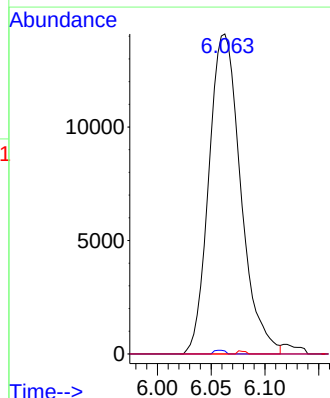
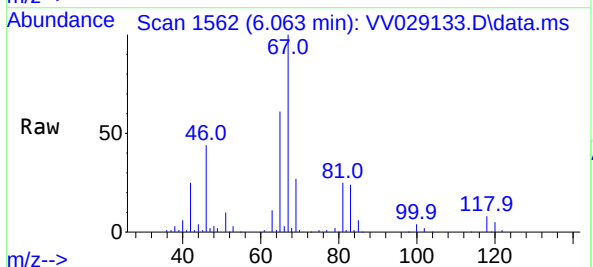
Tgt Ion: 83 Resp: 29052

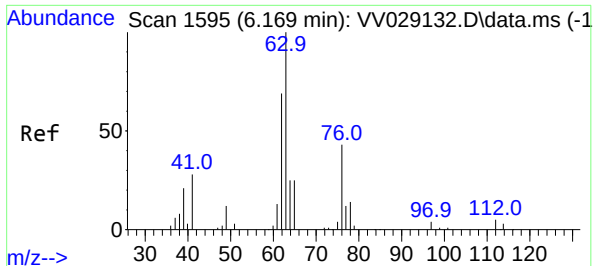
Ion Ratio Lower Upper

83 100

55 0.4 55.8 83.6#

98 0.2 38.2 57.2#

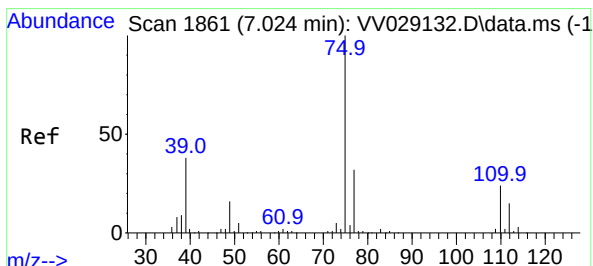
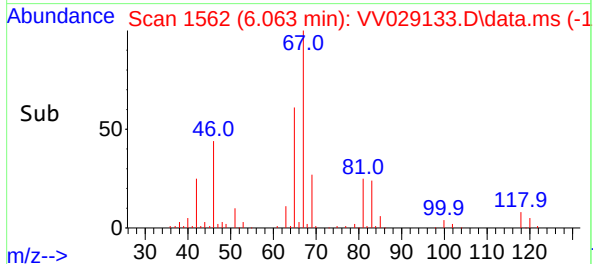
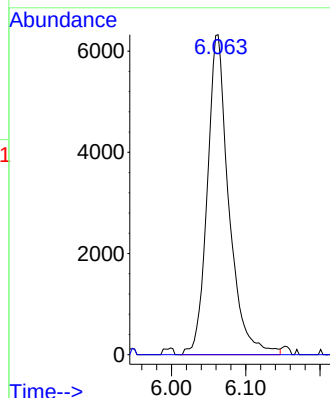
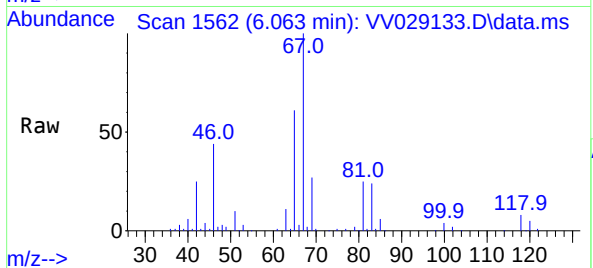




#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.109 min
Lab File: VV029133.D
Acq: 18 Nov 2022 21:57

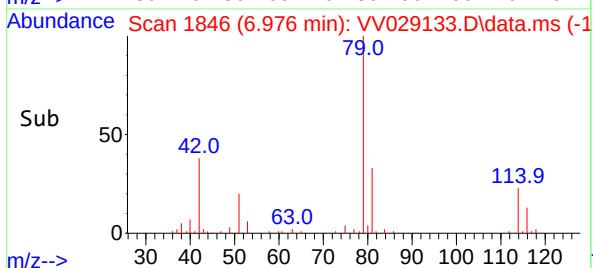
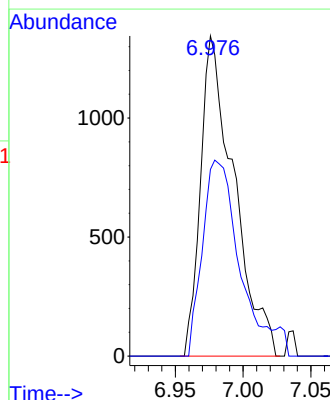
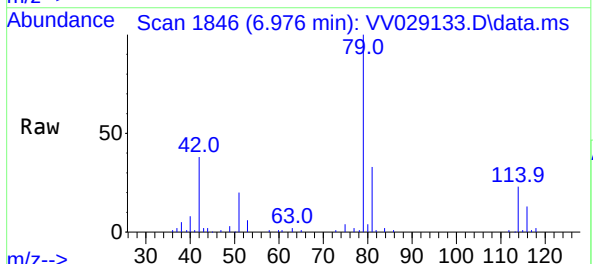
Instrument :
MSVOA_V
ClientSampleId :

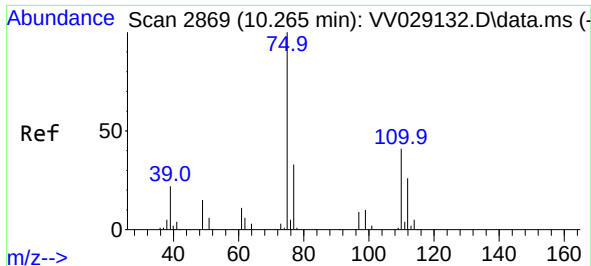
Tgt Ion: 63 Resp: 12771
Ion Ratio Lower Upper
63 100
112 0.4 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 6.976 min Scan# 1846
Delta R.T. -0.051 min
Lab File: VV029133.D
Acq: 18 Nov 2022 21:57

Tgt Ion: 75 Resp: 2298
Ion Ratio Lower Upper
75 100
77 58.3 21.8 40.6#





#61

1,2,3-Trichloropropane

Concen: 1.675 ug/L

RT: 11.239 min Scan# 31

Delta R.T. 0.971 min

Lab File: VV029133.D

Acq: 18 Nov 2022 21:57

Instrument :

MSVOA_V

ClientSampleId :

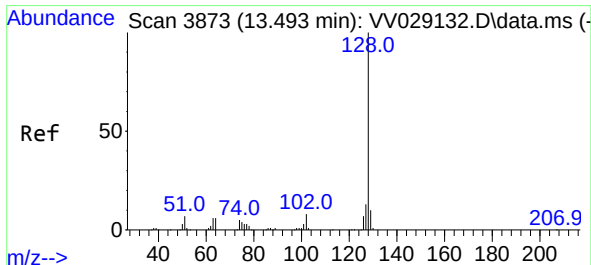
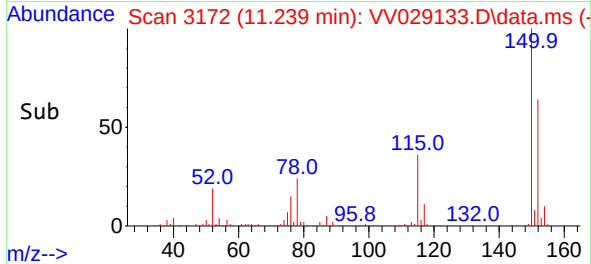
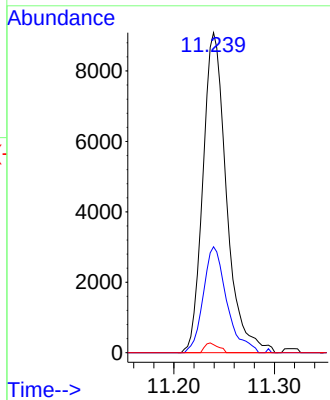
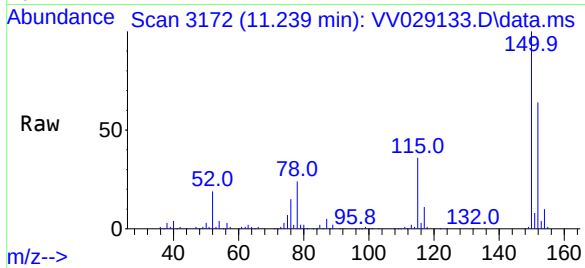
Tgt Ion: 75 Resp: 14817

Ion Ratio Lower Upper

75 100

77 33.0 26.2 39.2

110 1.7 32.6 48.8#



#71

Naphthalene

Concen: 0.070 ug/L

RT: 13.509 min Scan# 3878

Delta R.T. 0.016 min

Lab File: VV029133.D

Acq: 18 Nov 2022 21:57

Tgt Ion: 128 Resp: 2079

Ion Ratio Lower Upper

128 100

129 6.9 8.8 13.2#

127 6.0 9.8 14.8#

