

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024093.D
 Acq On : 19 Dec 2021 17:03
 Operator : SY/MD
 Sample : M5134-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 01:38:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 01:35:07 2021
 Response via : Initial Calibration

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

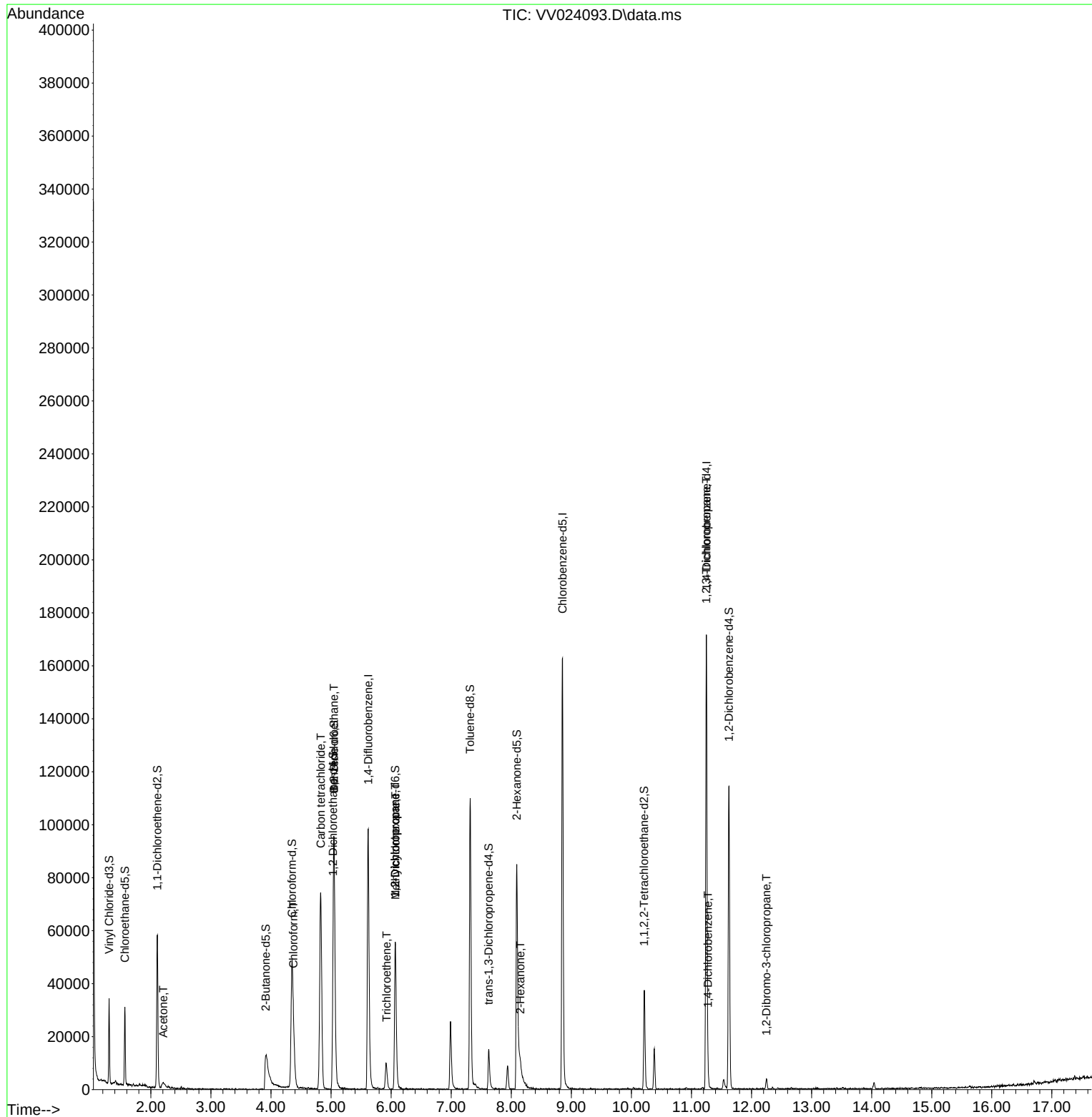
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	87144	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	93458	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	46987	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	18112	3.866	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.568	69	16989	4.346	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.108	63	30249	3.308	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	3.912	46	31795	34.739	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.480%
24) Chloroform-d	4.349	84	46097	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.034	65	22878	4.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.050	84	84433	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.069	67	25133	4.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.317	98	74466	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.625	79	8775	3.787	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.092	63	32924	31.744	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.480%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	16948	3.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	30293	4.827	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						Qvalue
13) Acetone	2.204	43	4497	6.141	ug/L	86
25) Chloroform	4.375	83	15048	1.165	ug/L	95
27) 1,2-Dichloroethane	5.047	62	601	0.086	ug/L #	73
31) Carbon tetrachloride	4.828	117	55074	4.792	ug/L	99
34) Trichloroethene	5.924	95	3184	0.427	ug/L	80
35) Methylcyclohexane	6.072	83	6480	0.590	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	3612	0.575	ug/L #	84
48) 2-Hexanone	8.149	43	2705	1.236	ug/L #	91
61) 1,2,3-Trichloropropane	11.246	75	4843	1.513	ug/L #	64
65) 1,4-Dichlorobenzene	11.275	146	869	0.061	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.246	75	113	0.162	ug/L #	1

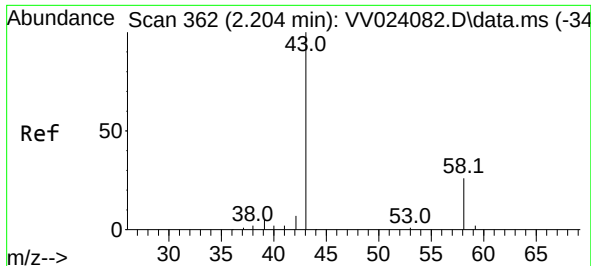
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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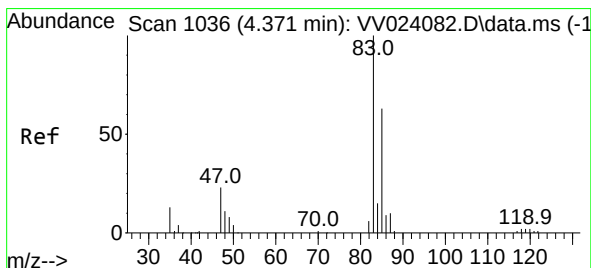
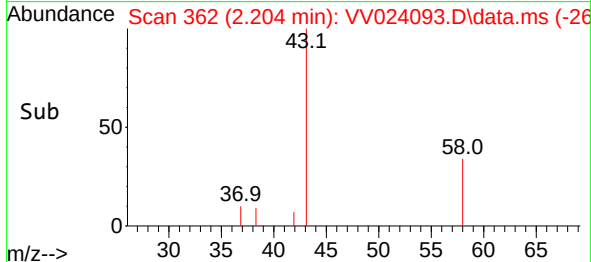
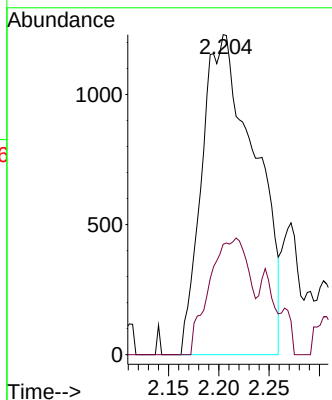
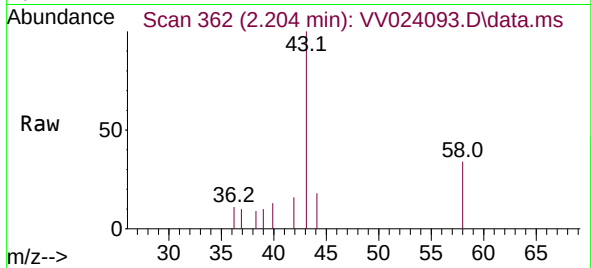




#13
Acetone
Concen: 6.141 ug/L
RT: 2.204 min Scan# 362
Delta R.T. 0.000 min
Lab File: VV024093.D
Acq: 19 Dec 2021 17:03

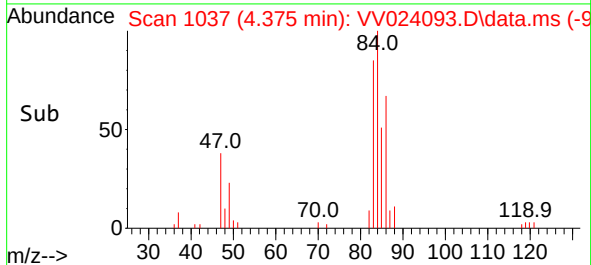
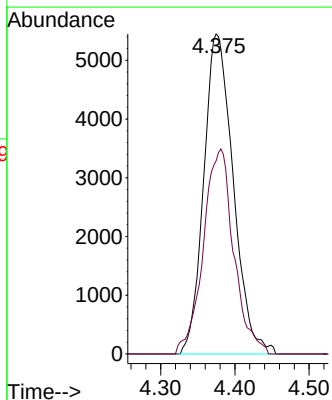
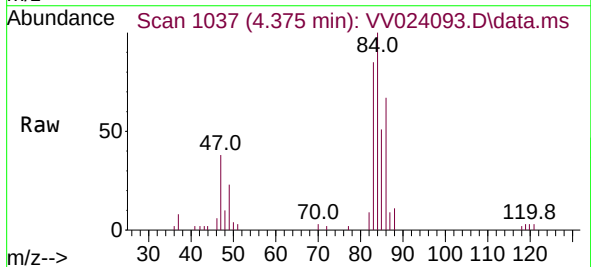
Instrument :
MSVOA_V
ClientSampleId :

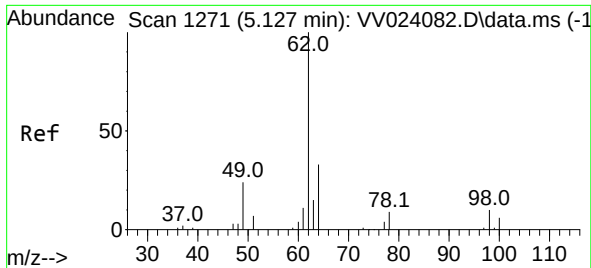
Tgt Ion: 43 Resp: 4497
Ion Ratio Lower Upper
43 100
58 27.3 0.0 41.4



#25
Chloroform
Concen: 1.165 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV024093.D
Acq: 19 Dec 2021 17:03

Tgt Ion: 83 Resp: 15048
Ion Ratio Lower Upper
83 100
85 60.4 45.2 84.0





#27

1,2-Dichloroethane

Concen: 0.086 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV024093.D

Acq: 19 Dec 2021 17:03

Instrument :

MSVOA_V

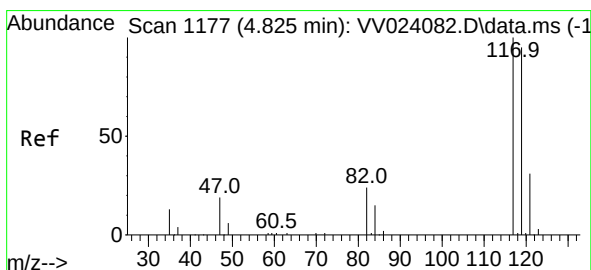
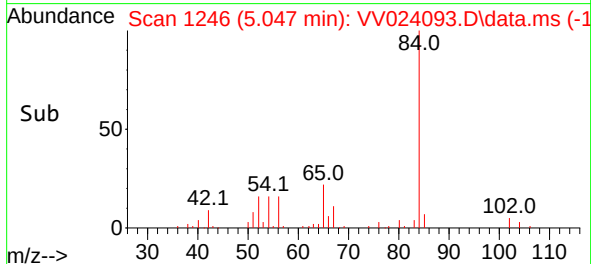
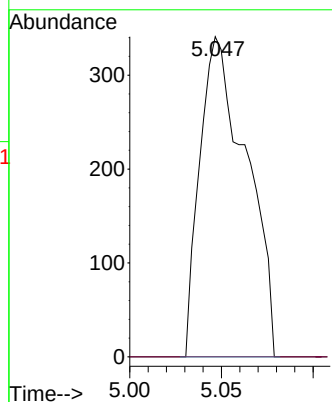
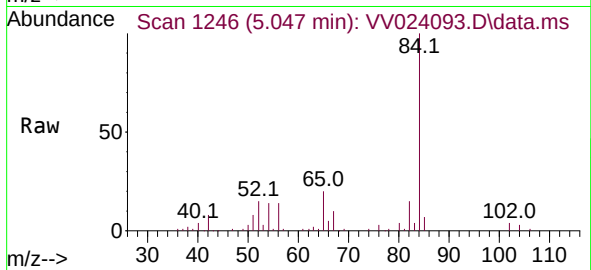
ClientSampleId :

Tgt Ion: 62 Resp: 601

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#31

Carbon tetrachloride

Concen: 4.792 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VV024093.D

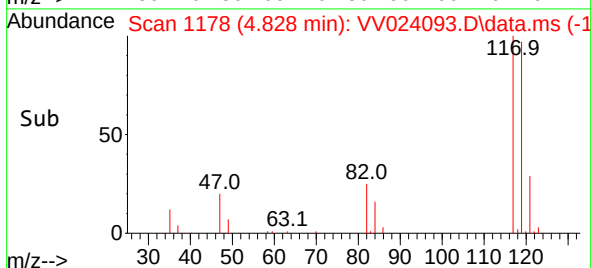
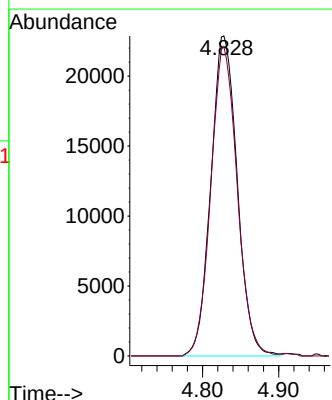
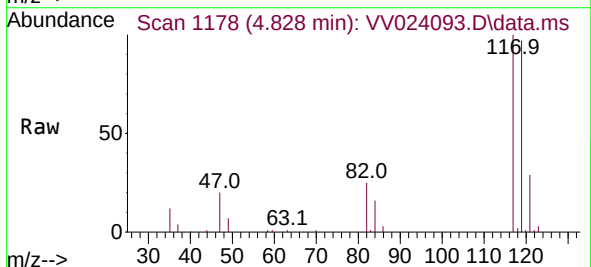
Acq: 19 Dec 2021 17:03

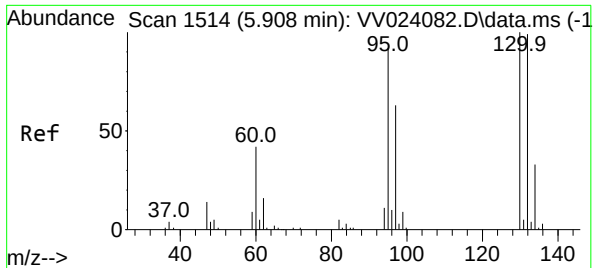
Tgt Ion: 117 Resp: 55074

Ion Ratio Lower Upper

117 100

119 96.6 76.6 114.8



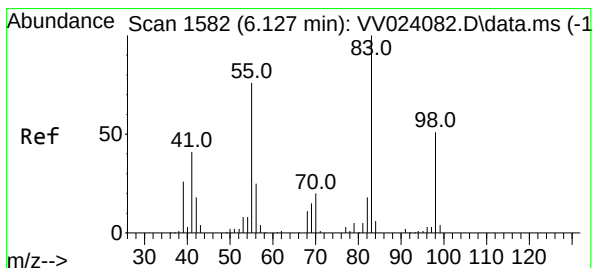
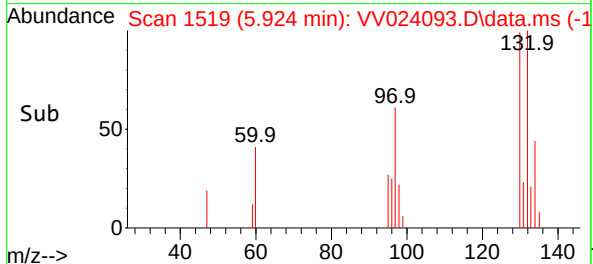
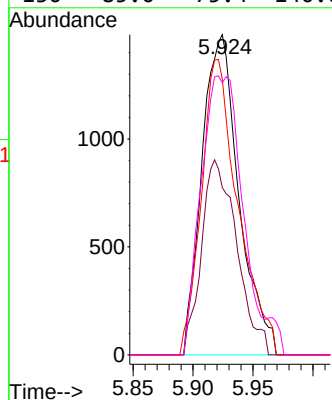
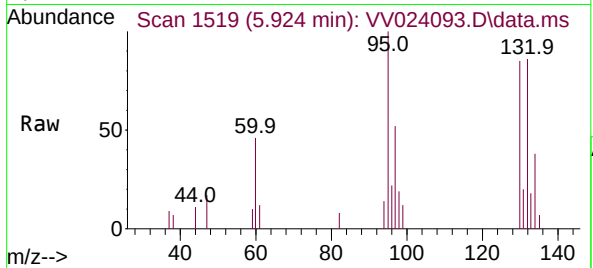


#34
Trichloroethene
Concen: 0.427 ug/L
RT: 5.924 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV024093.D
Acq: 19 Dec 2021 17:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 3184

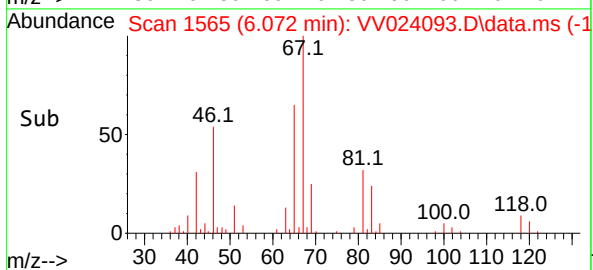
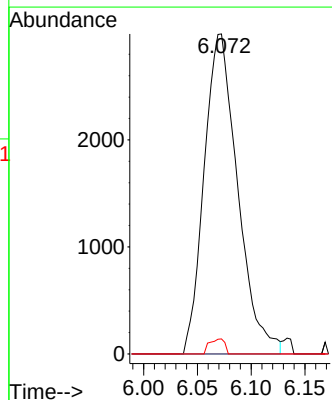
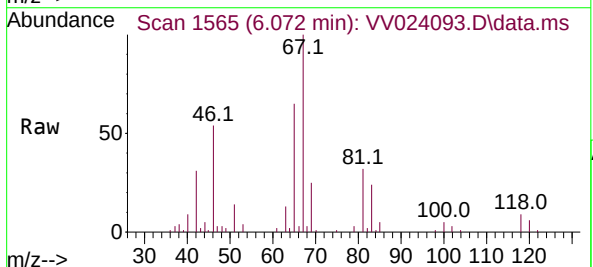
Ion	Ratio	Lower	Upper
95	100		
97	52.3	45.2	84.0
132	86.1	76.1	141.3
130	85.0	75.4	140.0

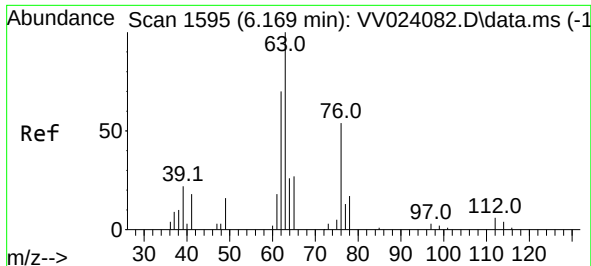


#35
Methylcyclohexane
Concen: 0.590 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.054 min
Lab File: VV024093.D
Acq: 19 Dec 2021 17:03

Tgt Ion: 83 Resp: 6480

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.2#
98	2.1	41.0	61.4#





#37

1,2-Dichloropropane

Concen: 0.575 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.099 min

Lab File: VV024093.D

Acq: 19 Dec 2021 17:03

Instrument :

MSVOA_V

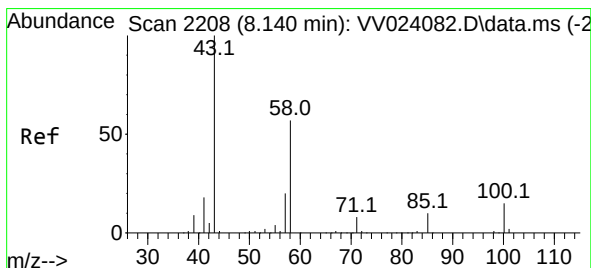
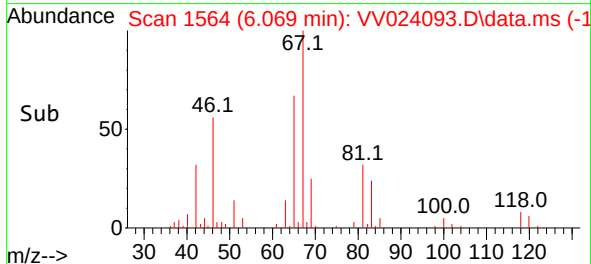
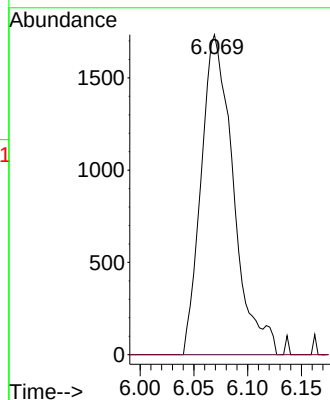
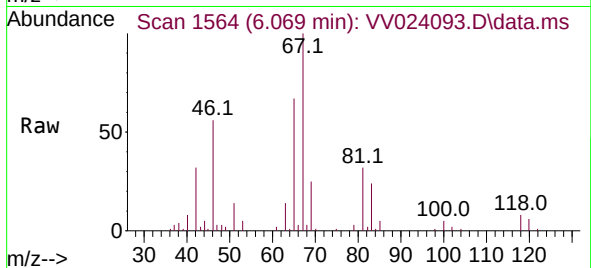
ClientSampleId :

Tgt Ion: 63 Resp: 3612

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#48

2-Hexanone

Concen: 1.236 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.010 min

Lab File: VV024093.D

Acq: 19 Dec 2021 17:03

Tgt Ion: 43 Resp: 2705

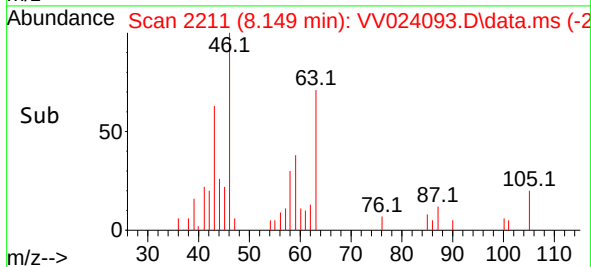
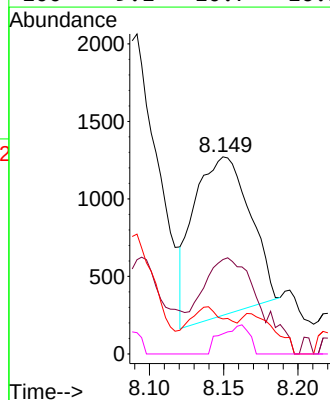
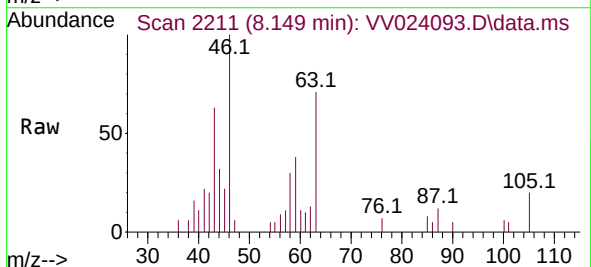
Ion Ratio Lower Upper

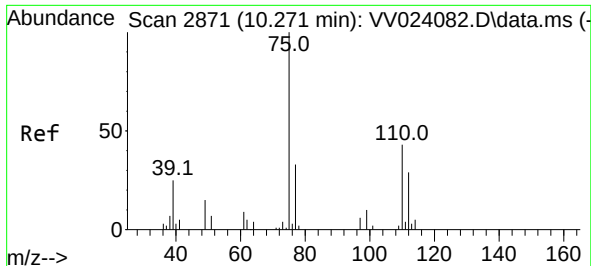
43 100

58 62.3 44.5 66.7

57 14.9 15.1 22.7#

100 9.1 10.7 16.1#





#61

1,2,3-Trichloropropane

Concen: 1.513 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024093.D

Acq: 19 Dec 2021 17:03

Instrument :

MSVOA_V

ClientSampleId :

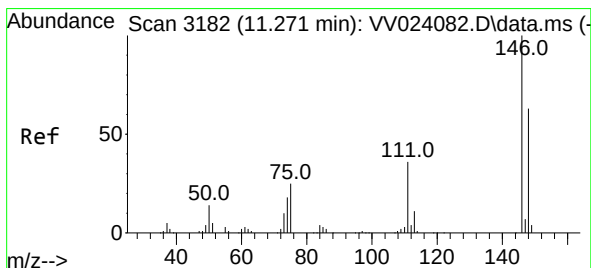
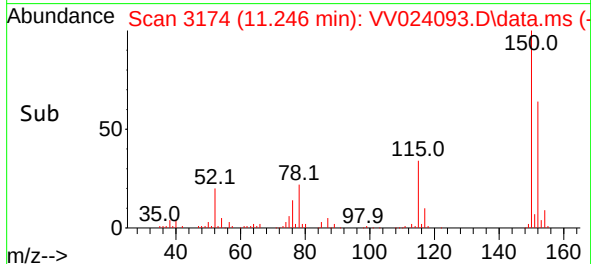
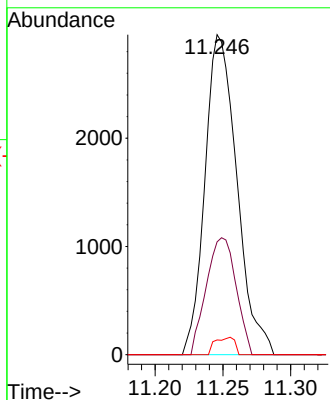
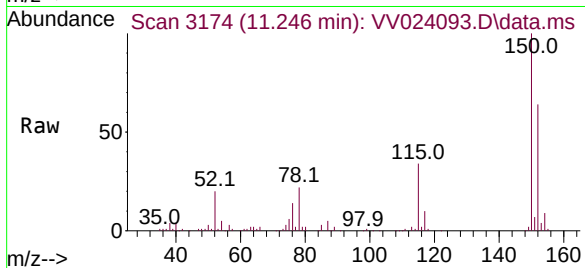
Tgt Ion: 75 Resp: 4843

Ion Ratio Lower Upper

75 100

77 33.9 26.4 39.6

110 3.3 34.2 51.2#



#65

1,4-Dichlorobenzene

Concen: 0.061 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.003 min

Lab File: VV024093.D

Acq: 19 Dec 2021 17:03

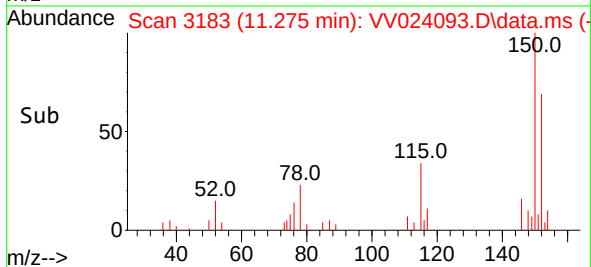
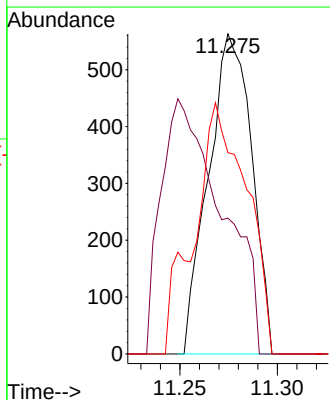
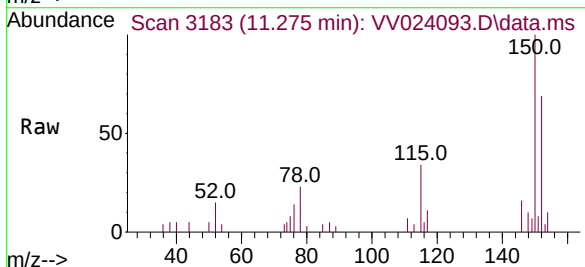
Tgt Ion:146 Resp: 869

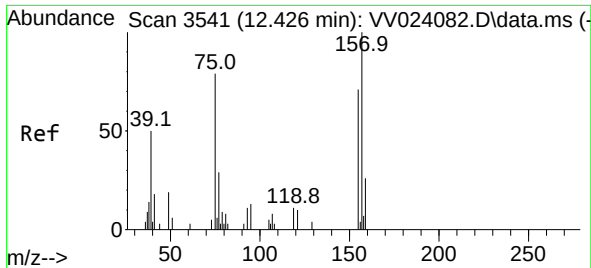
Ion Ratio Lower Upper

146 100

111 42.5 25.6 47.6

148 62.9 44.8 83.2





#68

1,2-Dibromo-3-chloropropane

Concen: 0.162 ug/L

RT: 12.246 min Scan# 34

Delta R.T. -0.180 min

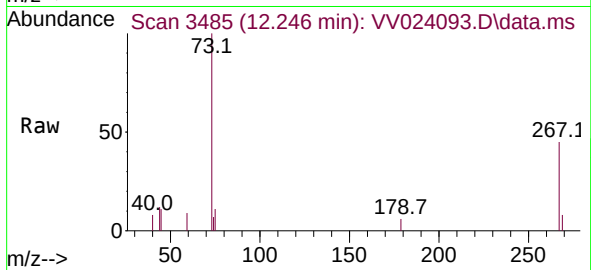
Lab File: VV024093.D

Acq: 19 Dec 2021 17:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 113

Ion Ratio Lower Upper

75 100

155 0.0 71.7 107.5#

157 0.0 103.3 154.9#

