

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027614.D
 Acq On : 31 Aug 2022 12:07
 Operator : SY/MD
 Sample : N4367-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 02:34:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:33:10 2022
 Response via : Initial Calibration

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

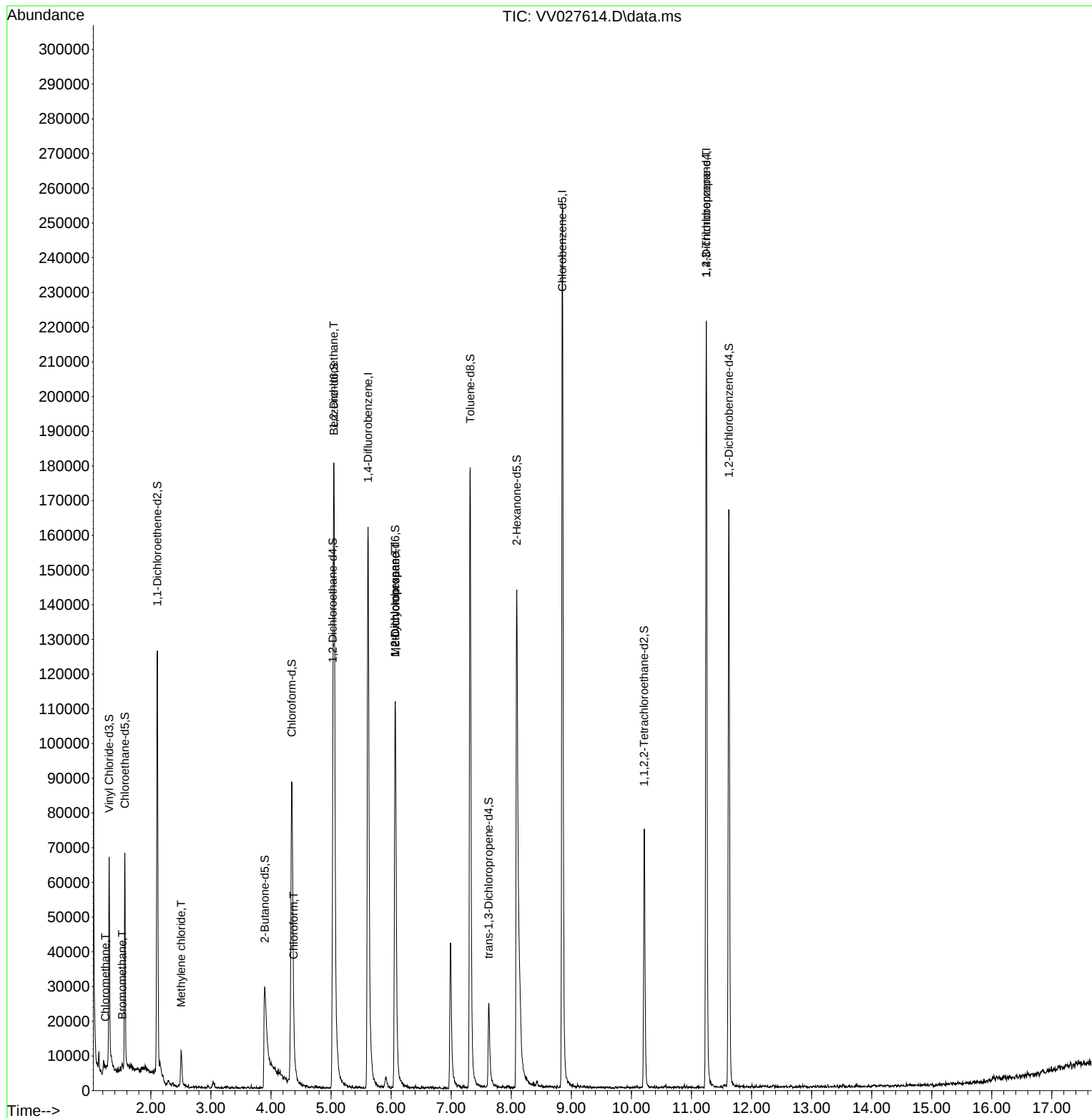
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	141267	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	141540	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	58787	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44133	4.390	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.568	69	37511	5.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.108	63	65144	2.779	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.600%#
20) 2-Butanone-d5	3.896	46	59802	47.795	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.600%
24) Chloroform-d	4.346	84	93824	4.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.031	65	44476	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.050	84	168724	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.069	67	54983	4.824	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.317	98	122796	3.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	7.625	79	16005	4.101	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.092	63	62661	48.776	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37345	5.145	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	42468	4.873	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
3) Chloromethane	1.243	50	839	0.064	ug/L	96
6) Bromomethane	1.523	94	744	0.114	ug/L	92
16) Methylene chloride	2.507	84	4016	0.249	ug/L	94
25) Chloroform	4.378	83	3315	0.134	ug/L	77
27) 1,2-Dichloroethane	5.043	62	1135	0.090	ug/L #	74
35) Methylcyclohexane	6.069	83	13611	0.781	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	6708	0.535	ug/L #	85
61) 1,2,3-Trichloropropane	11.246	75	6944	1.346	ug/L #	68

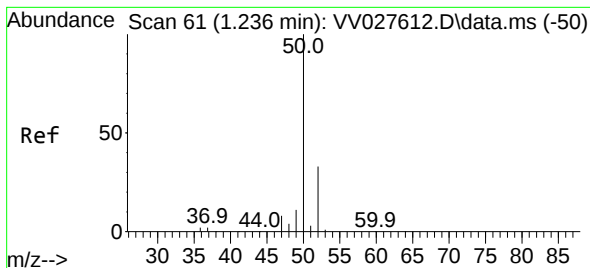
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 01 02:33:10 2022
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.064 ug/L

RT: 1.243 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV027614.D

Acq: 31 Aug 2022 12:07

Instrument :

MSVOA_V

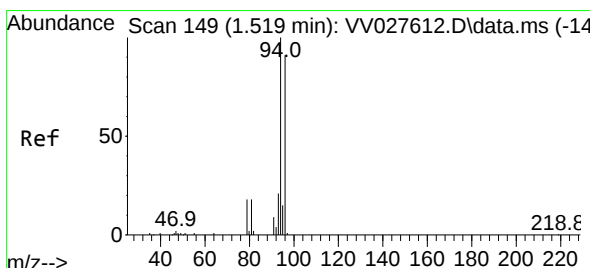
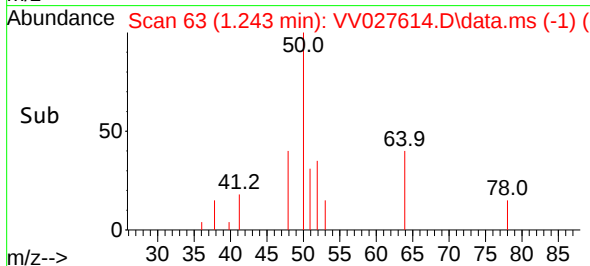
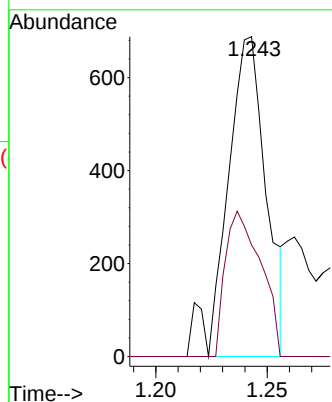
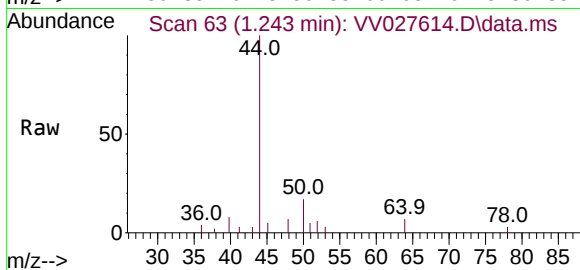
ClientSampleId :

Tgt Ion: 50 Resp: 839

Ion Ratio Lower Upper

50 100

52 34.9 22.8 42.4



#6

Bromomethane

Concen: 0.114 ug/L

RT: 1.523 min Scan# 150

Delta R.T. 0.003 min

Lab File: VV027614.D

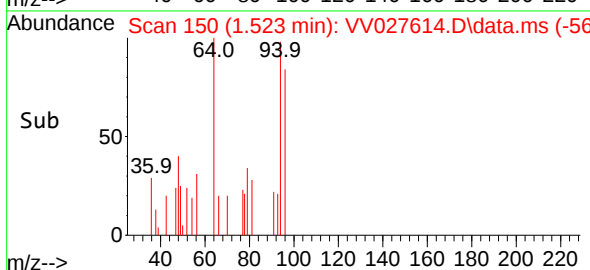
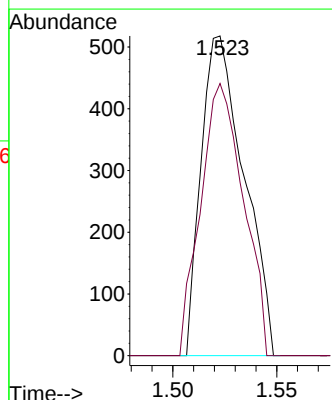
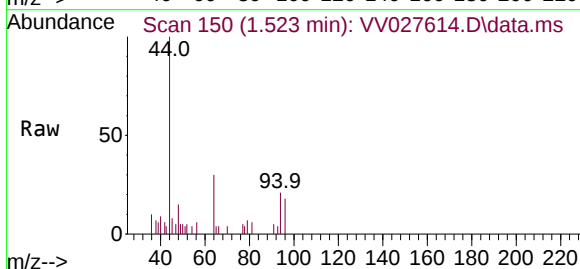
Acq: 31 Aug 2022 12:07

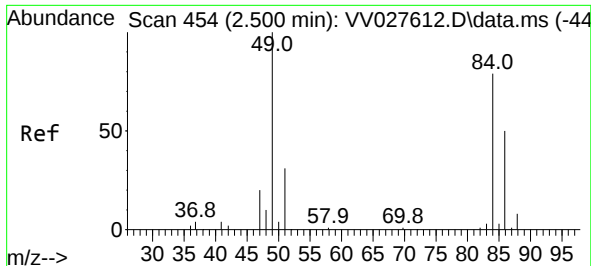
Tgt Ion: 94 Resp: 744

Ion Ratio Lower Upper

94 100

96 85.1 65.2 121.0

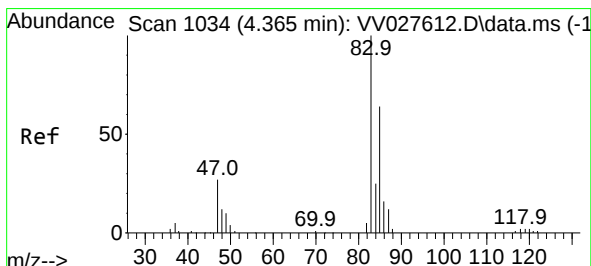
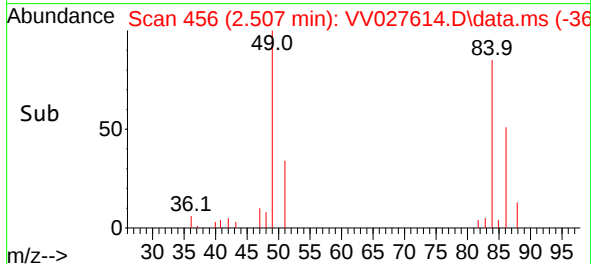
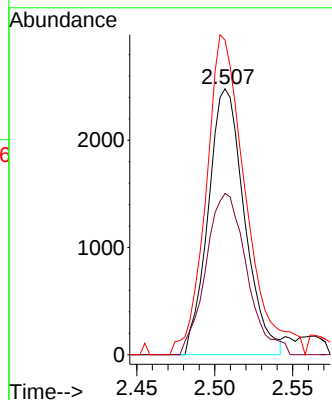
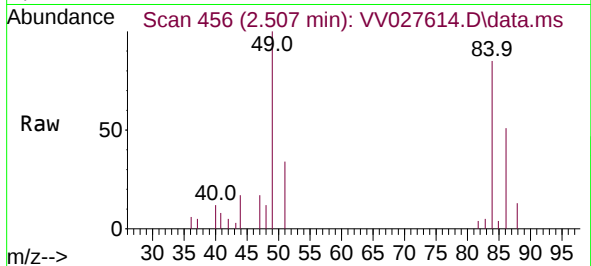




#16
Methylene chloride
Concen: 0.249 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV027614.D
Acq: 31 Aug 2022 12:07

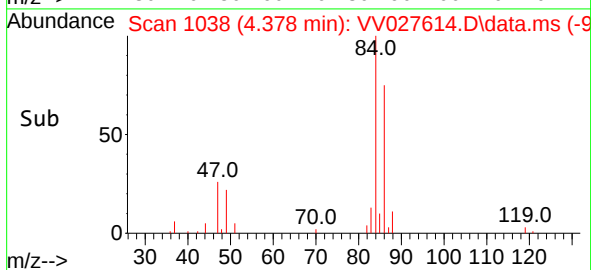
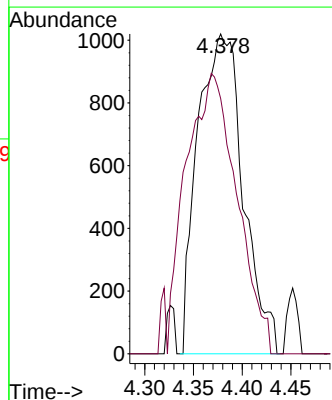
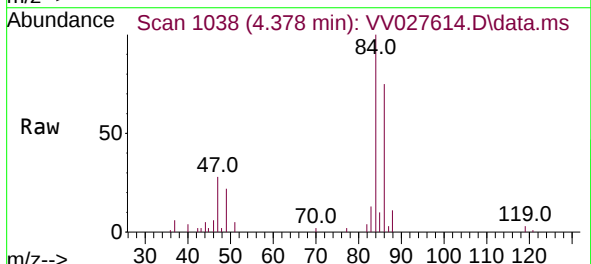
Instrument :
MSVOA_V
ClientSampleId :

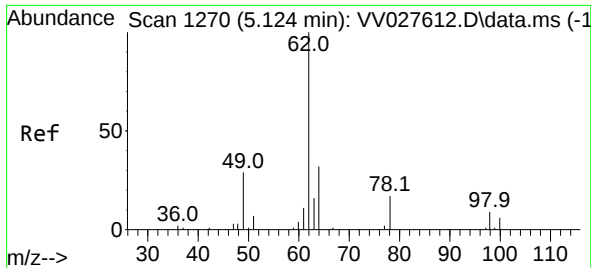
Tgt Ion: 84 Resp: 4016
Ion Ratio Lower Upper
84 100
86 60.7 44.0 81.6
49 118.3 89.4 166.0



#25
Chloroform
Concen: 0.134 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VV027614.D
Acq: 31 Aug 2022 12:07

Tgt Ion: 83 Resp: 3315
Ion Ratio Lower Upper
83 100
85 79.8 43.3 80.5





#27

1,2-Dichloroethane

Concen: 0.090 ug/L

RT: 5.043 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV027614.D

Acq: 31 Aug 2022 12:07

Instrument :

MSVOA_V

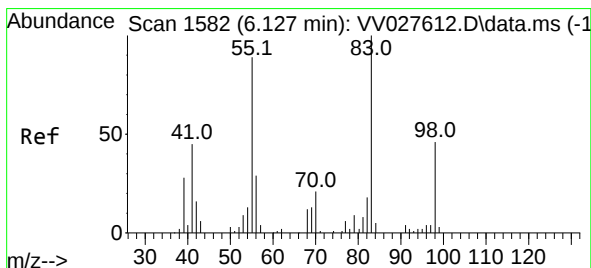
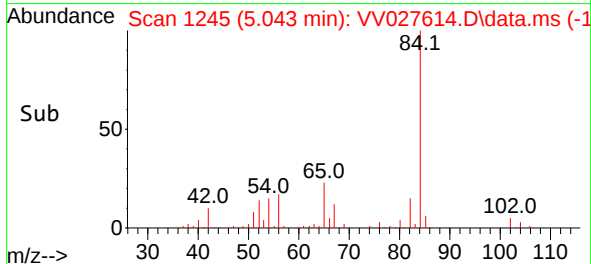
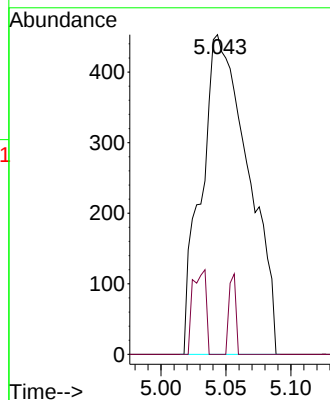
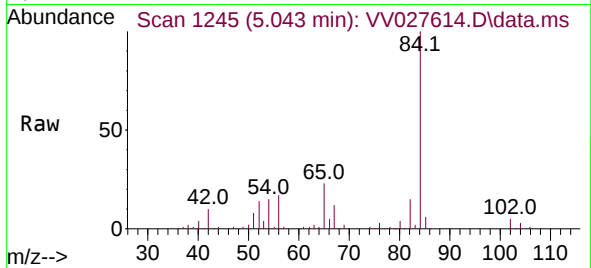
ClientSampleId :

Tgt Ion: 62 Resp: 1135

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#



#35

Methylcyclohexane

Concen: 0.781 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027614.D

Acq: 31 Aug 2022 12:07

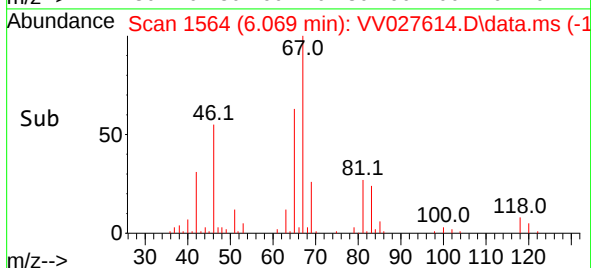
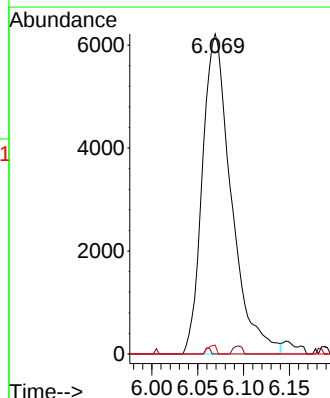
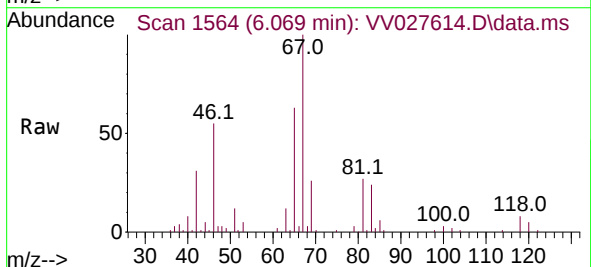
Tgt Ion: 83 Resp: 13611

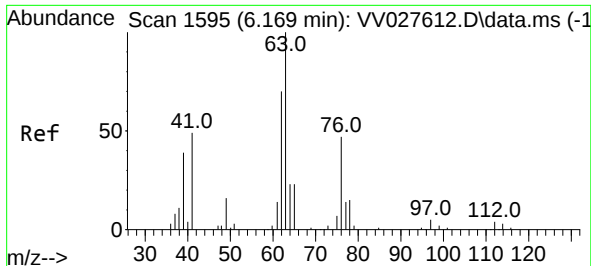
Ion Ratio Lower Upper

83 100

55 0.3 68.2 102.4#

98 0.8 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.535 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV027614.D

Acq: 31 Aug 2022 12:07

Instrument :

MSVOA_V

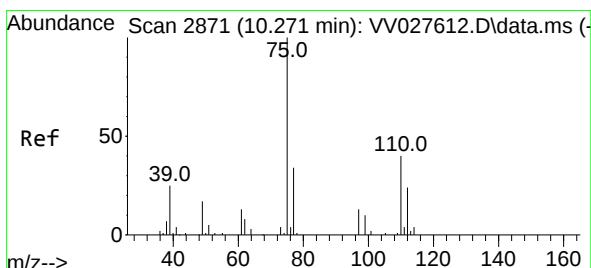
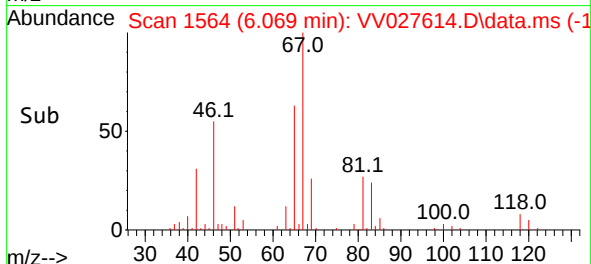
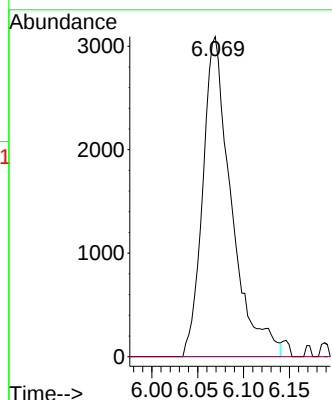
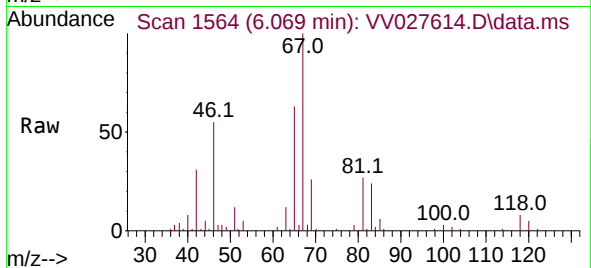
ClientSampleId :

Tgt Ion: 63 Resp: 6708

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#61

1,2,3-Trichloropropane

Concen: 1.346 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027614.D

Acq: 31 Aug 2022 12:07

Tgt Ion: 75 Resp: 6944

Ion Ratio Lower Upper

75 100

77 33.5 26.2 39.2

110 2.7 29.9 44.9#

