

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027362.D
 Acq On : 13 Aug 2022 12:03
 Operator : SY/MD
 Sample : N4164-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 21:50:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 21:49:38 2022
 Response via : Initial Calibration

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

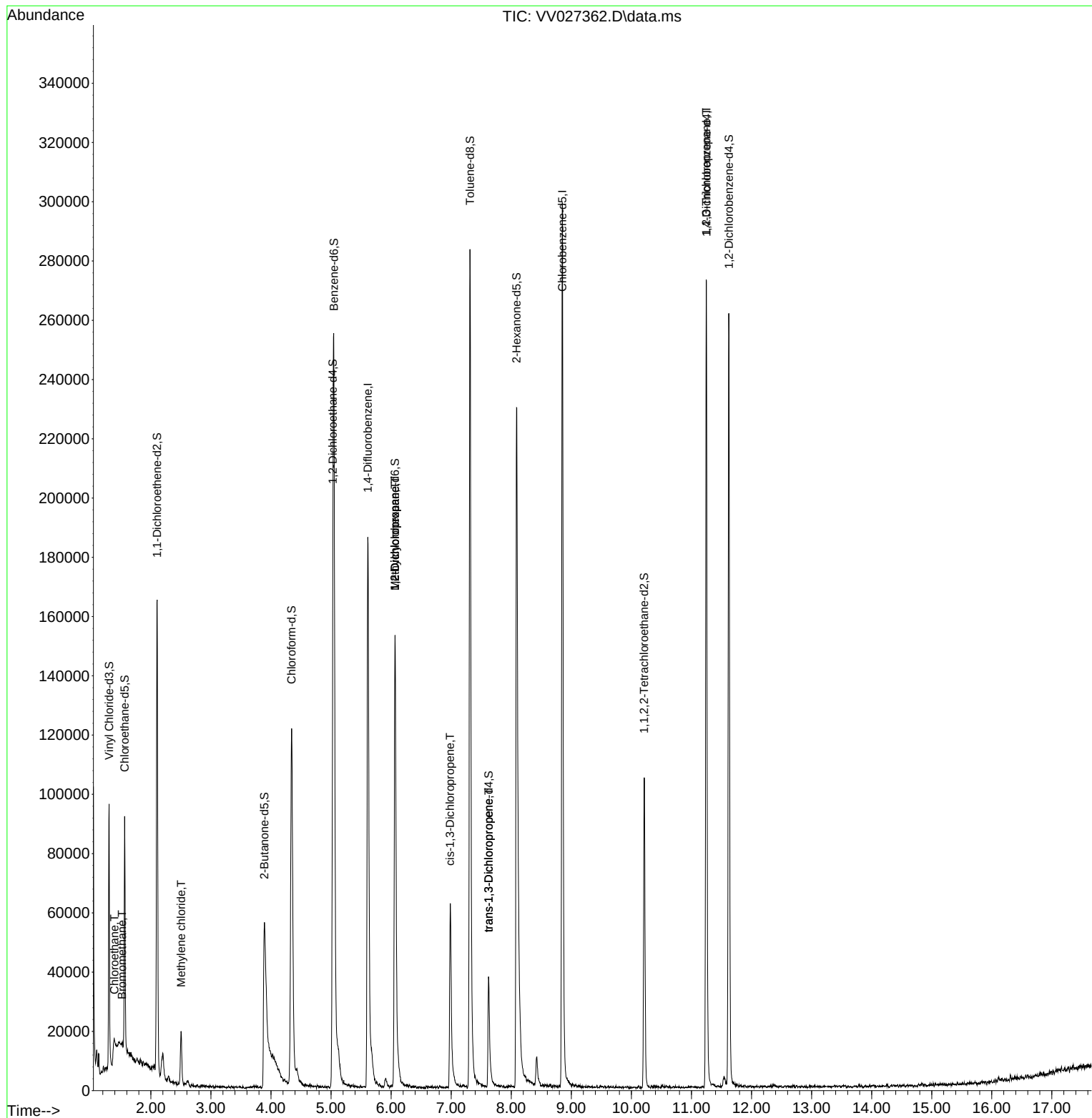
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	166370	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	165181	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69491	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	59320	4.104	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.564	69	46720	4.451	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.101	63	86123	3.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	3.889	46	90934	37.147	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.300%
24) Chloroform-d	4.342	84	123857	4.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.031	65	59984	4.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.047	84	231127	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.066	67	76895	5.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.313	98	196685	4.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.622	79	24100	4.618	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.088	63	90580	44.850	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.700%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50256	4.611	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	66685	5.560	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.200%
Target Compounds						Qvalue
6) Bromomethane	1.519	94	549	0.064	ug/L	89
8) Chloroethane	1.391	64	21894	2.135	ug/L #	56
16) Methylene chloride	2.503	84	7397	0.384	ug/L	94
35) Methylcyclohexane	6.066	83	18137	0.937	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	8999	0.645	ug/L #	88
39) cis-1,3-Dichloropropene	6.982	75	2118	0.124	ug/L #	58
44) trans-1,3-Dichloropropene	7.622	75	1162	0.078	ug/L	96
61) 1,2,3-Trichloropropane	11.246	75	8620	1.288	ug/L #	67

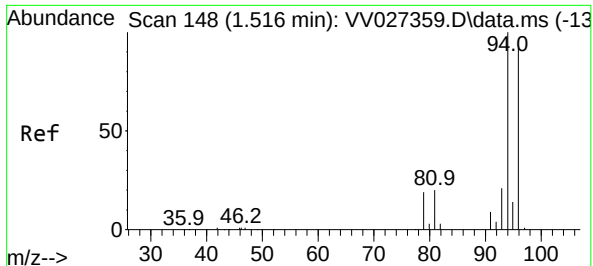
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

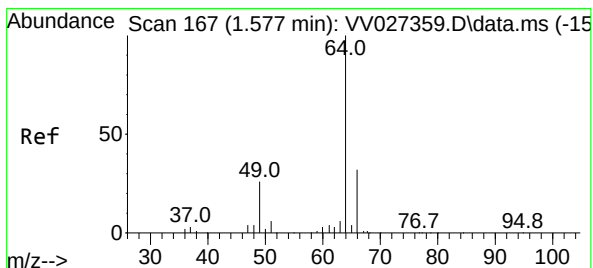
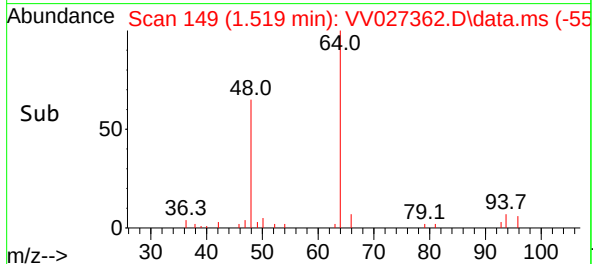
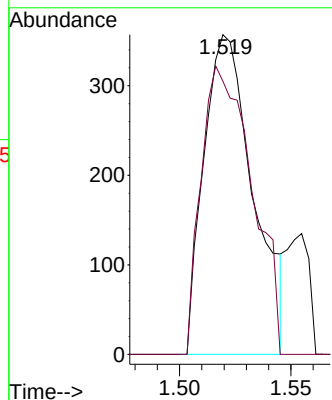
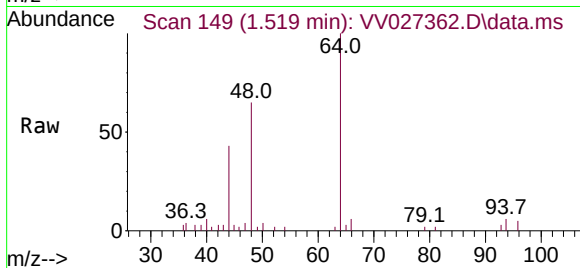




#6
Bromomethane
Concen: 0.064 ug/L
RT: 1.519 min Scan# 148
Delta R.T. 0.003 min
Lab File: VV027362.D
Acq: 13 Aug 2022 12:03

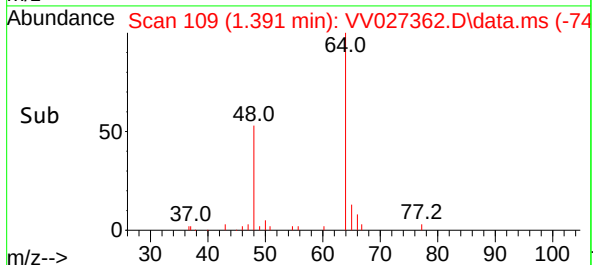
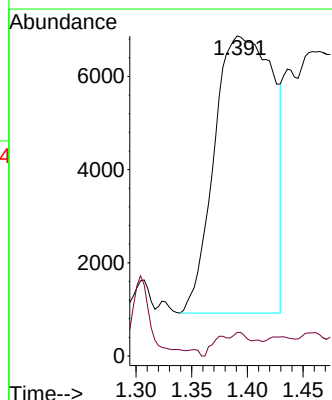
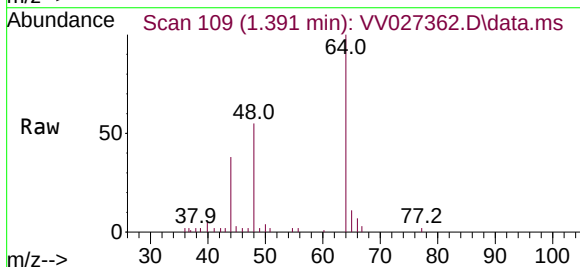
Instrument :
MSVOA_V
ClientSampleId :

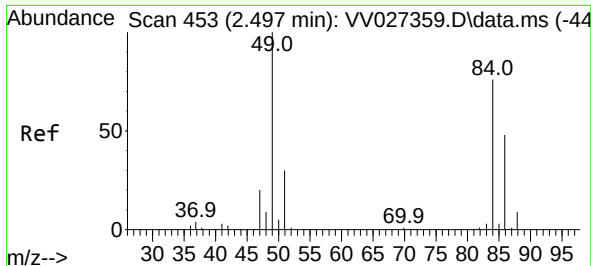
Tgt Ion: 94 Resp: 549
Ion Ratio Lower Upper
94 100
96 85.4 67.2 124.8



#8
Chloroethane
Concen: 2.135 ug/L
RT: 1.391 min Scan# 109
Delta R.T. -0.187 min
Lab File: VV027362.D
Acq: 13 Aug 2022 12:03

Tgt Ion: 64 Resp: 21894
Ion Ratio Lower Upper
64 100
66 7.3 22.3 41.5#

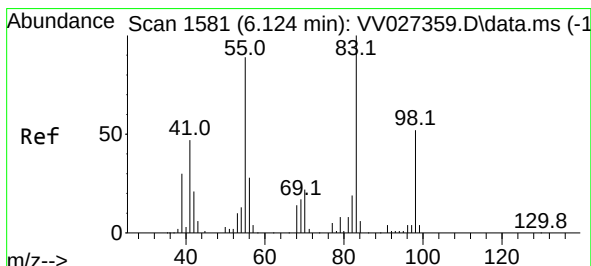
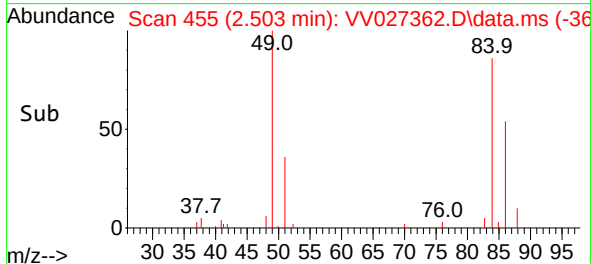
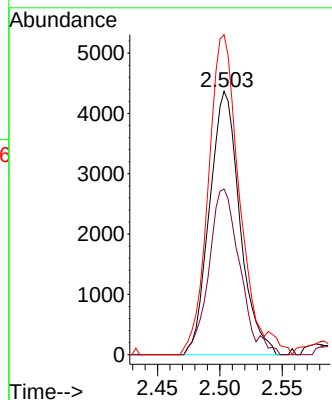
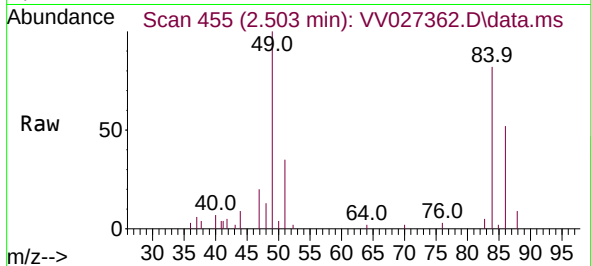




#16
Methylene chloride
Concen: 0.384 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV027362.D
Acq: 13 Aug 2022 12:03

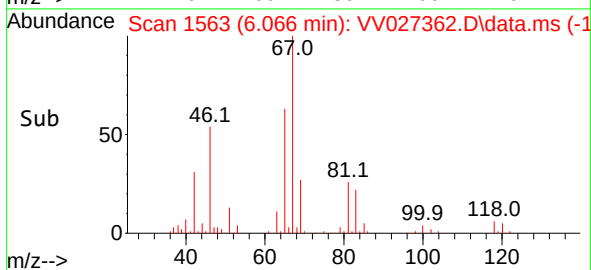
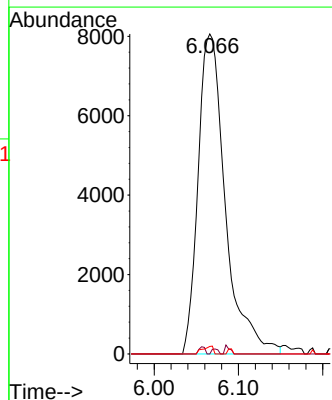
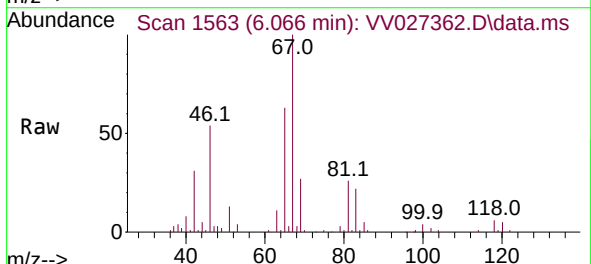
Instrument :
MSVOA_V
ClientSampleId :

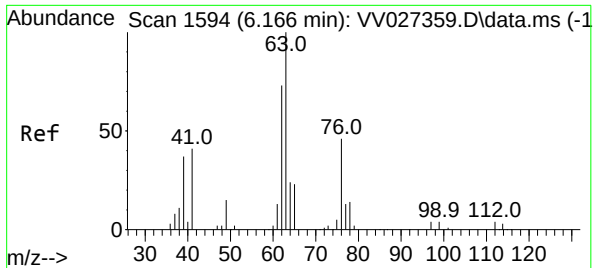
Tgt Ion: 84 Resp: 7397
Ion Ratio Lower Upper
84 100
86 62.9 45.1 83.9
49 121.5 91.2 169.4



#35
Methylcyclohexane
Concen: 0.937 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV027362.D
Acq: 13 Aug 2022 12:03

Tgt Ion: 83 Resp: 18137
Ion Ratio Lower Upper
83 100
55 0.4 67.0 100.6#
98 0.9 38.7 58.1#





#37

1,2-Dichloropropane

Concen: 0.645 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV027362.D

Acq: 13 Aug 2022 12:03

Instrument :

MSVOA_V

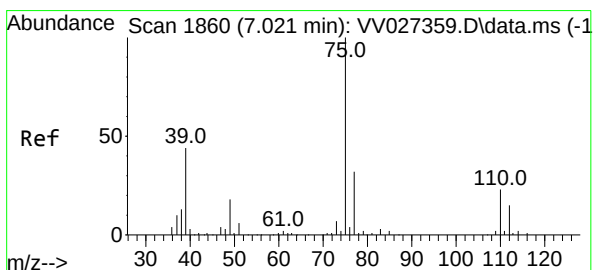
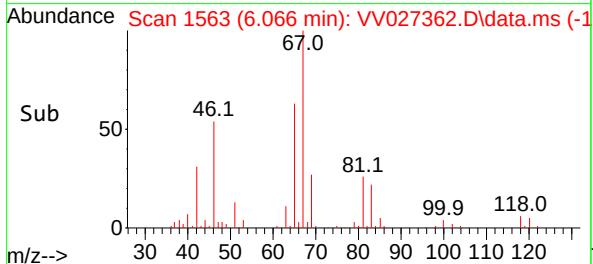
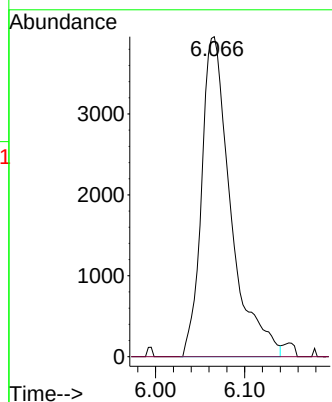
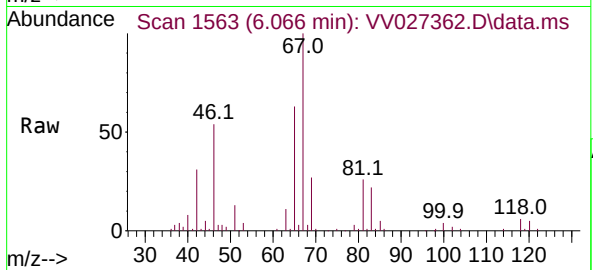
ClientSampleId :

Tgt Ion: 63 Resp: 8999

Ion Ratio Lower Upper

63 100

112 1.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.124 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.039 min

Lab File: VV027362.D

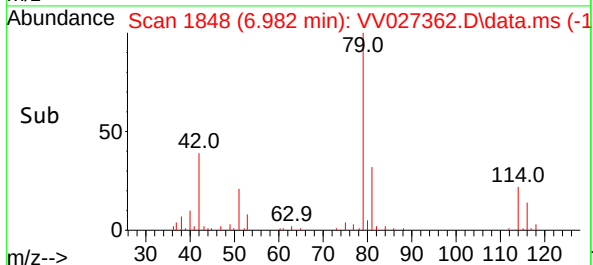
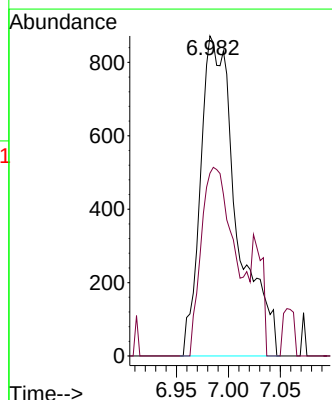
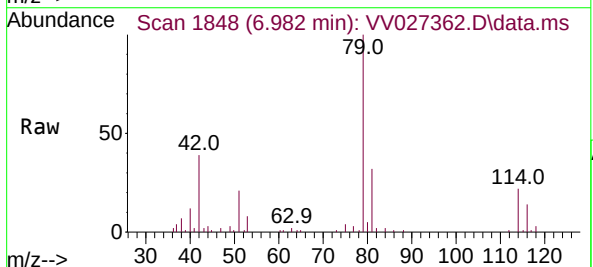
Acq: 13 Aug 2022 12:03

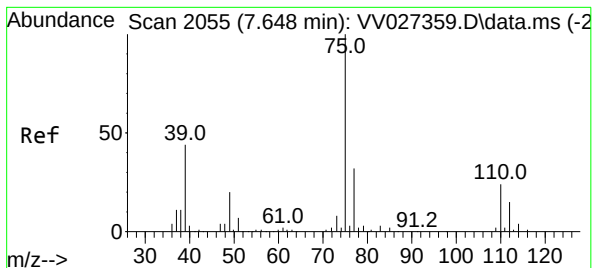
Tgt Ion: 75 Resp: 2118

Ion Ratio Lower Upper

75 100

77 57.1 23.2 43.0#





#44

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.622 min Scan# 2055

Delta R.T. -0.026 min

Lab File: VV027362.D

Acq: 13 Aug 2022 12:03

Instrument :

MSVOA_V

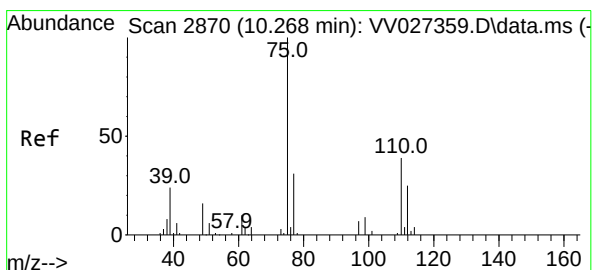
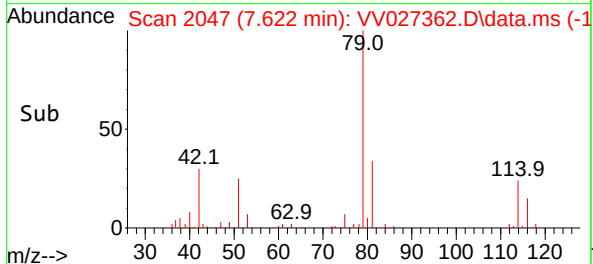
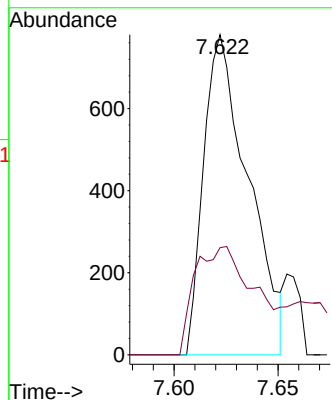
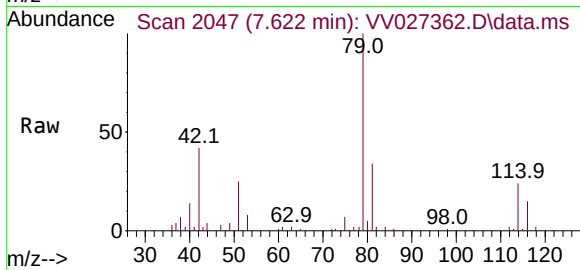
ClientSampleId :

Tgt Ion: 75 Resp: 1162

Ion Ratio Lower Upper

75 100

77 33.5 21.9 40.7



#61

1,2,3-Trichloropropane

Concen: 1.288 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV027362.D

Acq: 13 Aug 2022 12:03

Tgt Ion: 75 Resp: 8620

Ion Ratio Lower Upper

75 100

77 32.4 26.6 39.8

110 2.1 31.0 46.6#

