

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
 Data File : VV028157.D
 Acq On : 28 Sep 2022 14:25
 Operator : SY/MD
 Sample : N4730-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFR8

Quant Time: Sep 29 01:28:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

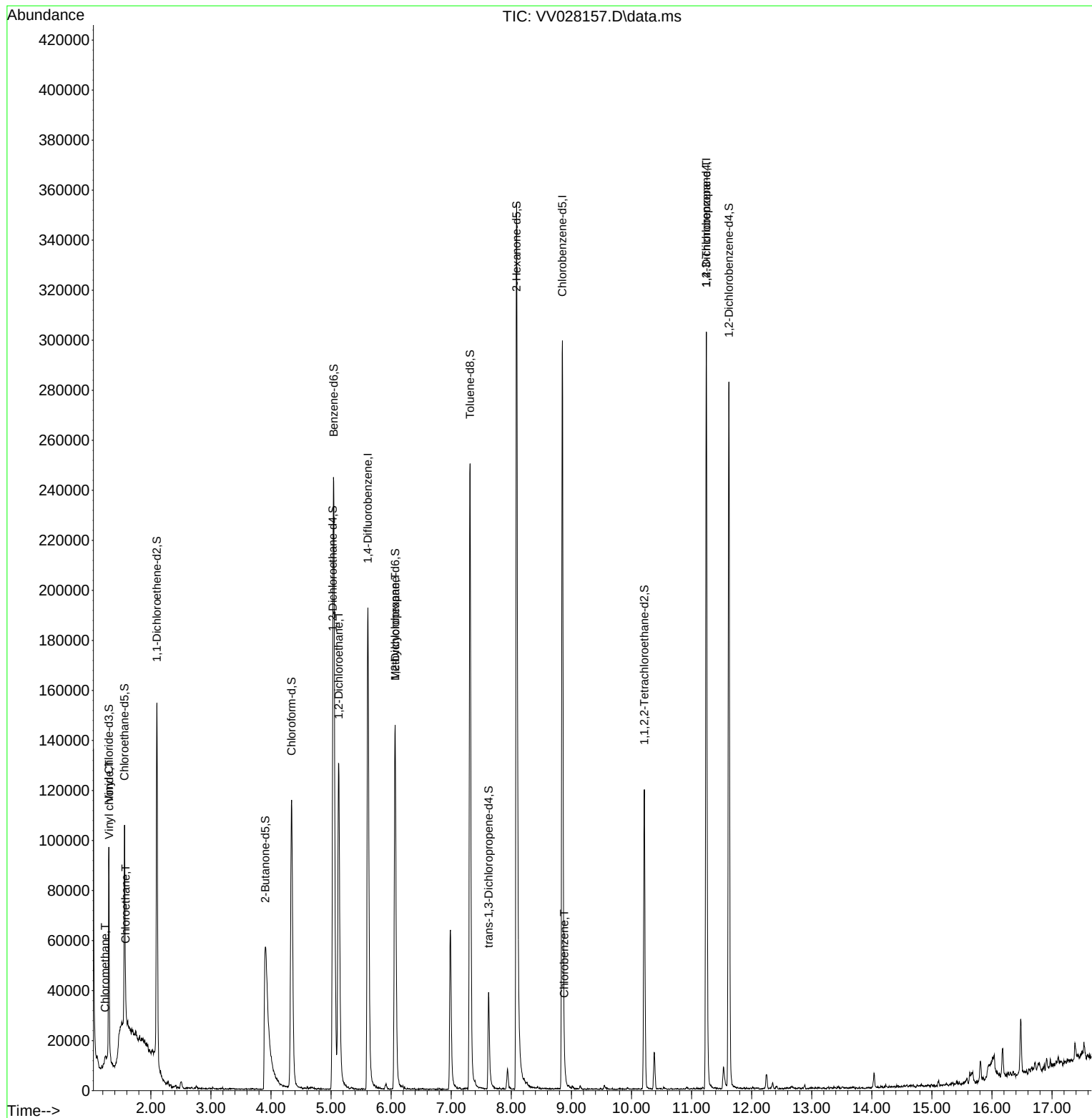
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	176318	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	174129	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84399	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	53909	2.949	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	59.000%	
7) Chloroethane-d5	1.561	69	52742	3.629	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.600%	
11) 1,1-Dichloroethene-d2	2.098	63	71976	2.270	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	45.400%#	
20) 2-Butanone-d5	3.905	46	163245	52.898	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.800%	
24) Chloroform-d	4.343	84	124460	4.267	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.400%	
26) 1,2-Dichloroethane-d4	5.027	65	59939	4.318	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.400%	
32) Benzene-d6	5.043	84	226715	3.971	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.400%	
36) 1,2-Dichloropropane-d6	6.066	67	75176	4.223	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.400%	
41) Toluene-d8	7.314	98	175485	3.396	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.000%#	
43) trans-1,3-Dichloroprop...	7.622	79	23898	3.717	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.400%	
46) 2-Hexanone-d5	8.088	63	141511	52.734	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.460%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	58187	4.782	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	77204	4.664	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	755	0.043	ug/L	92
5) Vinyl chloride	1.304	62	614	0.045	ug/L #	1
8) Chloroethane	1.581	64	8677	0.946	ug/L #	64
27) 1,2-Dichloroethane	5.127	62	125793	9.448	ug/L #	95
35) Methylcyclohexane	6.066	83	17722	1.074	ug/L #	17
51) Chlorobenzene	8.883	112	3145	0.093	ug/L	90
61) 1,2,3-Trichloropropane	11.246	75	8621	1.218	ug/L #	67

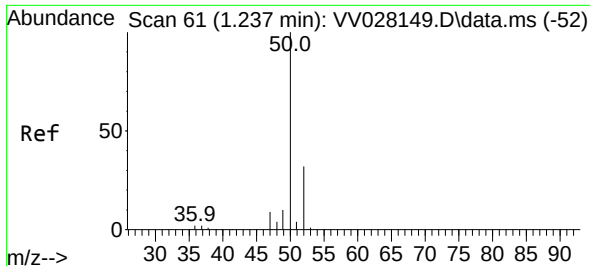
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

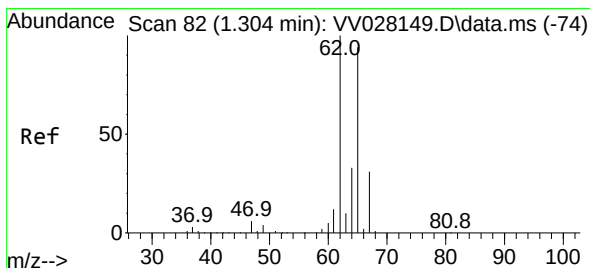
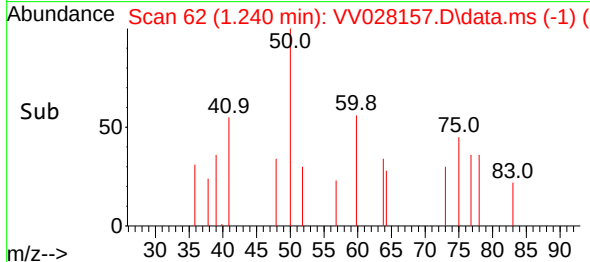
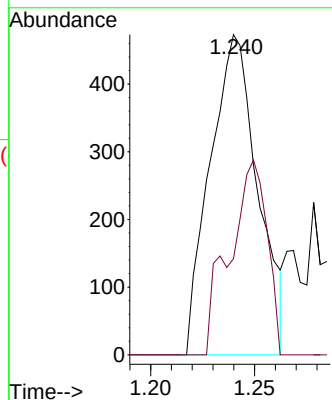
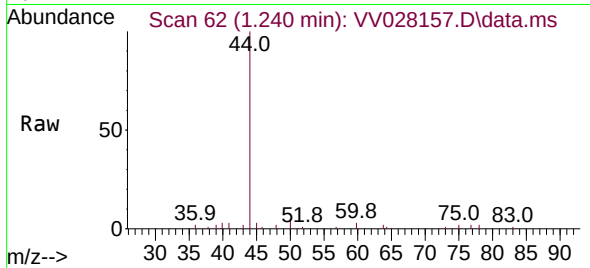




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028157.D
Acq: 28 Sep 2022 14:25

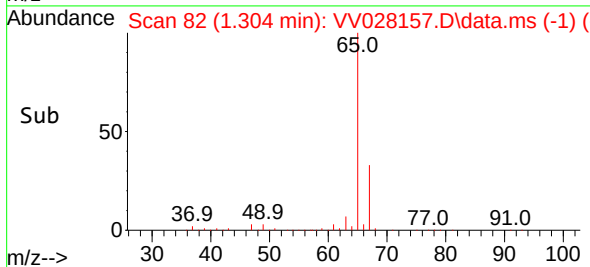
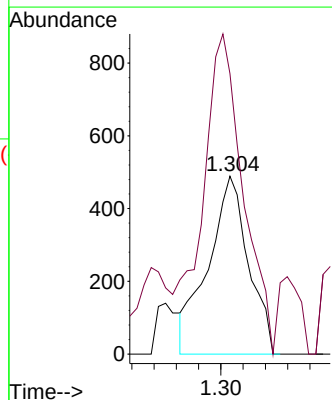
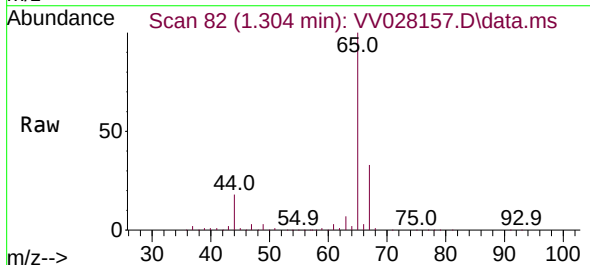
Instrument :
MSVOA_V
ClientSampleId :
EXFR8

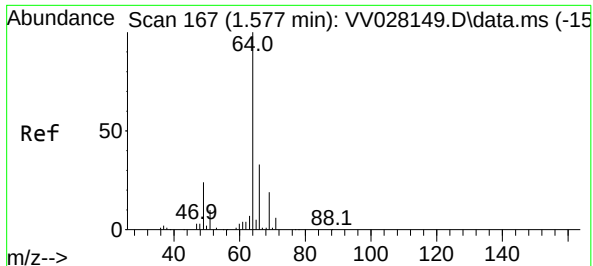
Tgt Ion: 50 Resp: 755
Ion Ratio Lower Upper
50 100
52 30.0 24.4 45.2



#5
Vinyl chloride
Concen: 0.045 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028157.D
Acq: 28 Sep 2022 14:25

Tgt Ion: 62 Resp: 614
Ion Ratio Lower Upper
62 100
64 157.7 23.0 42.8#





#8

Chloroethane

Concen: 0.946 ug/L

RT: 1.581 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028157.D

Acq: 28 Sep 2022 14:25

Instrument :

MSVOA_V

ClientSampleId :

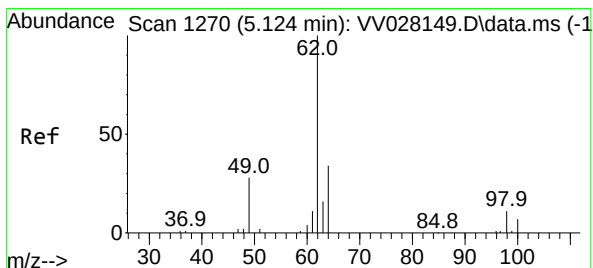
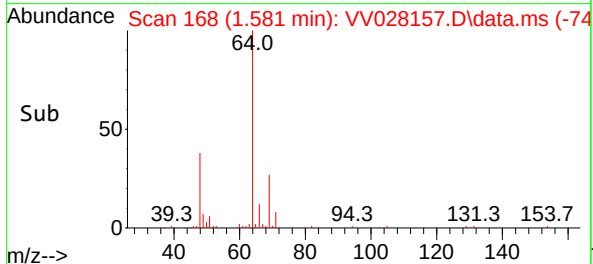
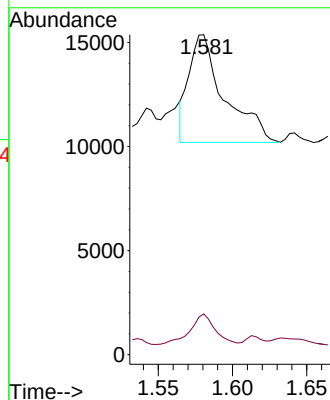
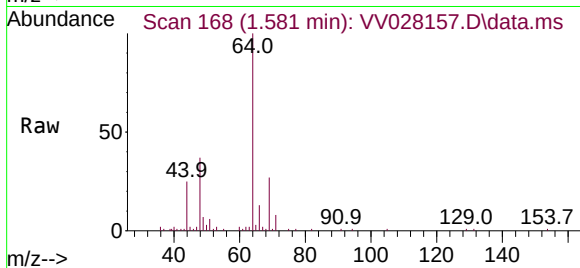
EXFR8

Tgt Ion: 64 Resp: 8677

Ion Ratio Lower Upper

64 100

66 12.8 23.0 42.8#



#27

1,2-Dichloroethane

Concen: 9.448 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV028157.D

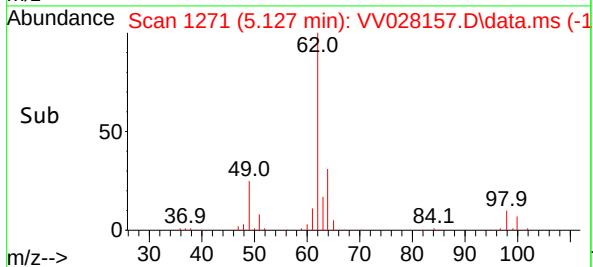
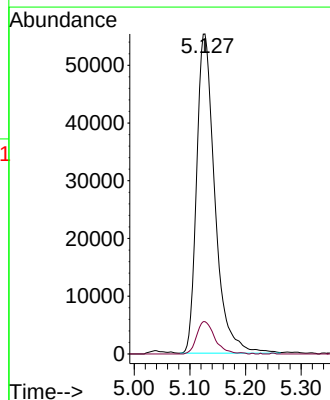
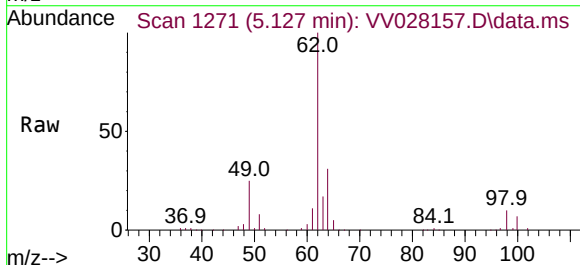
Acq: 28 Sep 2022 14:25

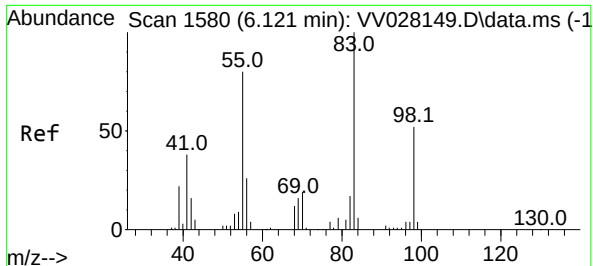
Tgt Ion: 62 Resp: 125793

Ion Ratio Lower Upper

62 100

98 10.1 6.7 10.1#





#35

Methylcyclohexane

Concen: 1.074 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV028157.D

Acq: 28 Sep 2022 14:25

Instrument :

MSVOA_V

ClientSampleId :

EXFR8

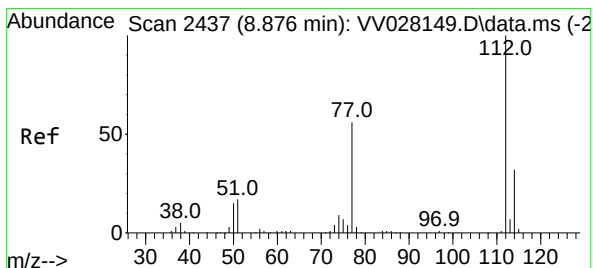
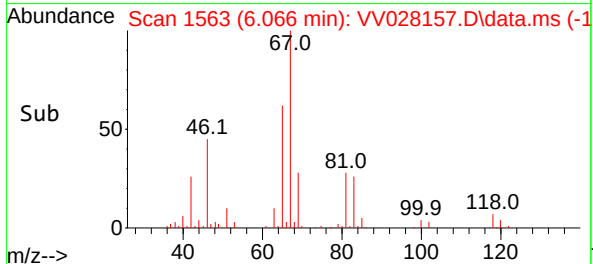
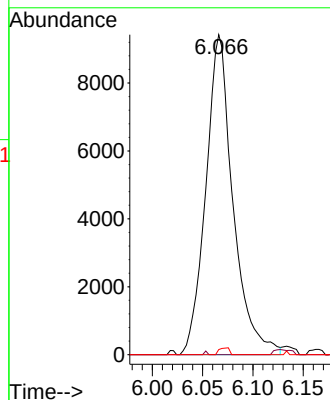
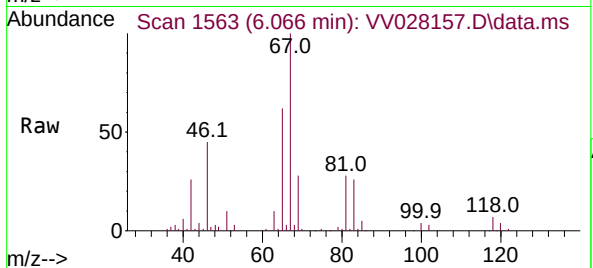
Tgt Ion: 83 Resp: 17722

Ion Ratio Lower Upper

83 100

55 0.1 64.7 97.1#

98 0.8 39.5 59.3#



#51

Chlorobenzene

Concen: 0.093 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.006 min

Lab File: VV028157.D

Acq: 28 Sep 2022 14:25

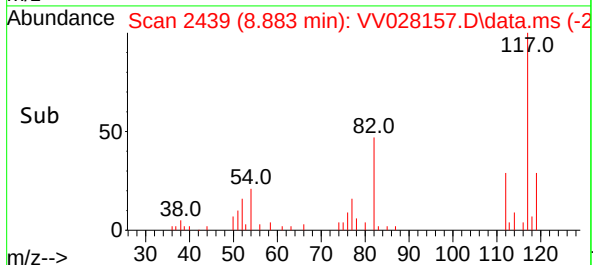
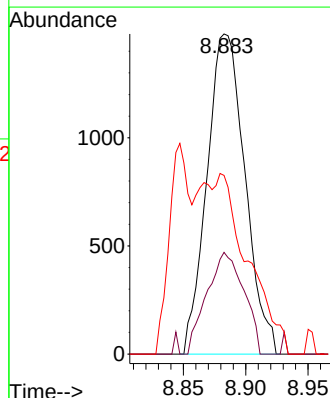
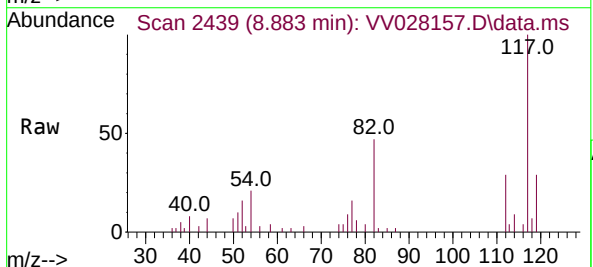
Tgt Ion: 112 Resp: 3145

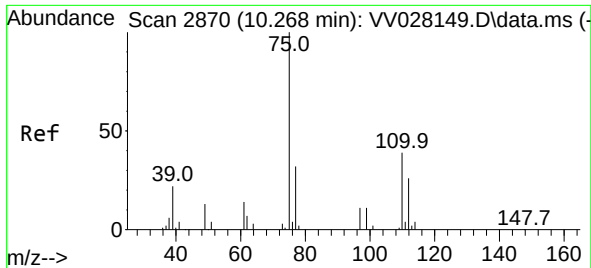
Ion Ratio Lower Upper

112 100

114 28.0 22.5 41.7

77 49.2 46.1 69.1





#61

1,2,3-Trichloropropane

Concen: 1.218 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV028157.D

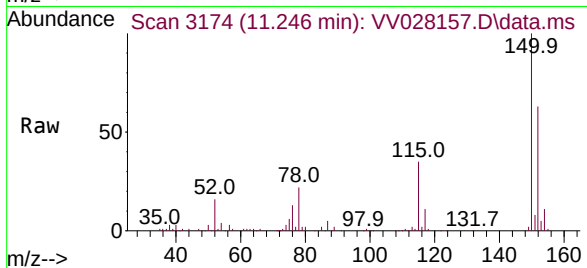
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Tgt Ion: 75 Resp: 8621

Ion Ratio Lower Upper

75 100

77 30.8 26.7 40.1

110 2.5 30.1 45.1#

