

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
 Data File : VV035806.D
 Acq On : 25 May 2024 18:45
 Operator : SY/MD
 Sample : P2589-18
 Misc : 5.50g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 01:47:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 01:41:30 2024
 Response via : Initial Calibration

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

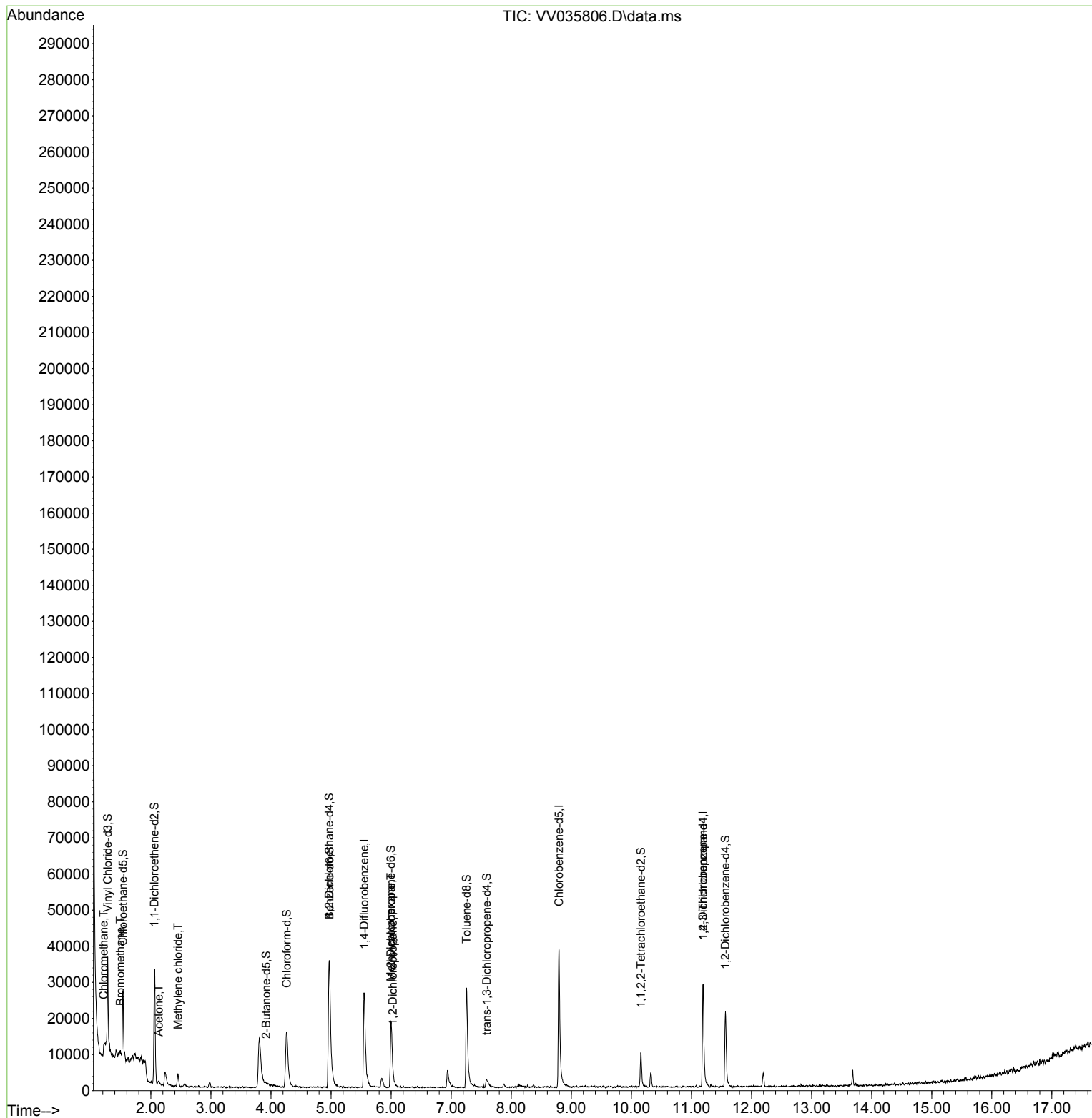
Internal Standards						
1) 1,4-Difluorobenzene	5.551	114	27590	25.000	ug/L	0.02
28) Chlorobenzene-d5	8.796	117	26538	25.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.191	152	9376	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	14415	33.803	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	135.200%
7) Chloroethane-d5	1.535	69	11546	33.562	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	134.240%
11) 1,1-Dichloroethene-d2	2.060	65	5719	30.293	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	121.160%#
21) 2-Butanone-d5	3.921	46	407	3.363	ug/L	0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	6.720%#
24) Chloroform-d	4.262	84	19725	24.048	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	4.966	65	9781	24.121	ug/L	0.03
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.480%
32) Benzene-d6	4.973	84	34773	23.937	ug/L	0.02
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.760%
36) 1,2-Dichloropropane-d6	5.998	67	10618	23.685	ug/L	0.02
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.720%
41) Toluene-d8	7.255	98	22730	17.581	ug/L	0.02
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.320%
43) trans-1,3-Dichloroprop...	7.590	79	2174	11.339	ug/L	0.04
Spiked Amount	25.000	Range	30 - 135	Recovery	=	45.360%
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	10.159	84	5537	12.817	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	51.280%
66) 1,2-Dichlorobenzene-d4	11.564	152	6684	20.541	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	860	1.527	ug/L #	81
6) Bromomethane	1.490	94	398	1.080	ug/L	100
13) Acetone	2.130	43	1666	9.404	ug/L #	60
16) Methylene chloride	2.452	84	1619	2.545	ug/L	98
35) Methylcyclohexane	5.995	83	1604	2.127	ug/L #	26
37) 1,2-Dichloropropane	6.030	63	231	0.504	ug/L #	86
61) 1,2,3-Trichloropropane	11.194	75	946	4.306	ug/L #	37

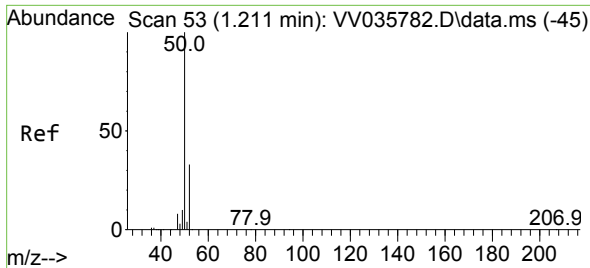
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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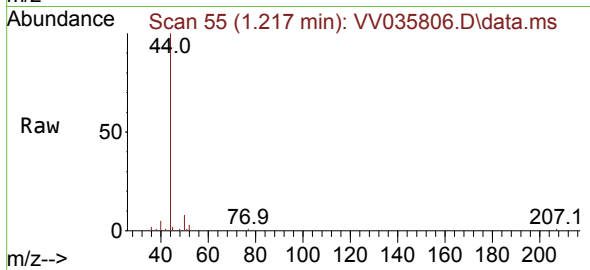
Quant Time: May 27 01:47:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
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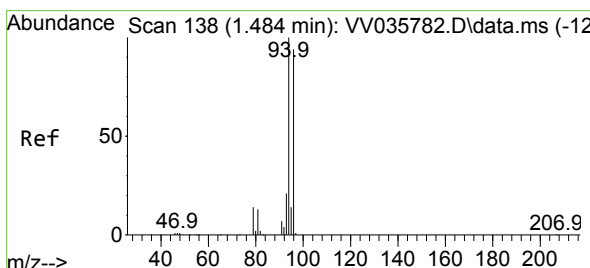
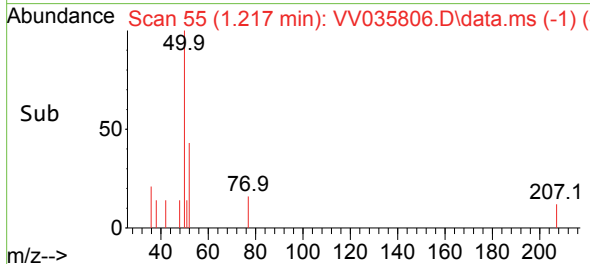
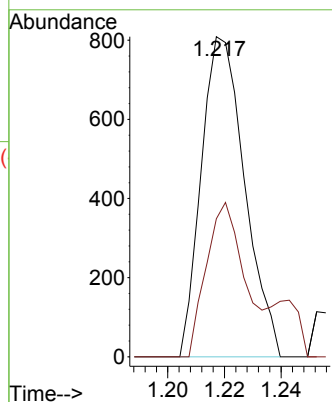


#3
Chloromethane
Concen: 1.527 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV035806.D
Acq: 25 May 2024 18:45

Instrument :
MSVOA_V
ClientSampleId :

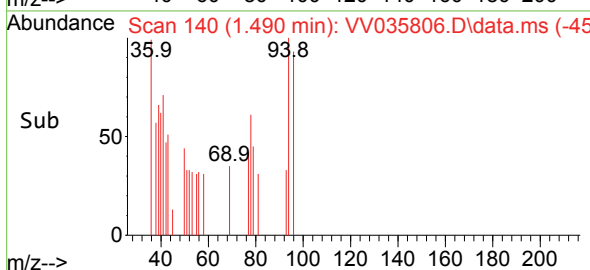
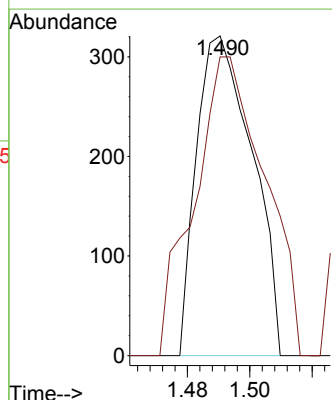
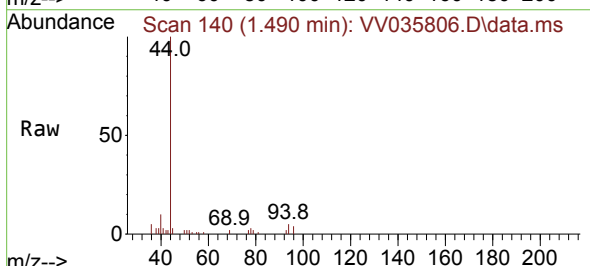


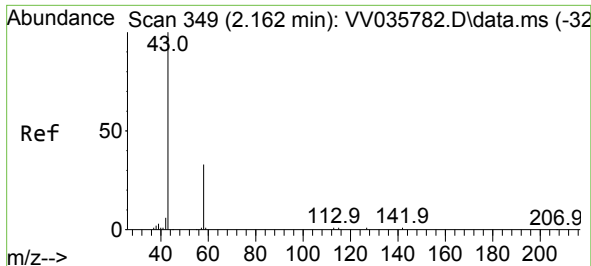
Tgt Ion: 50 Resp: 860
Ion Ratio Lower Upper
50 100
52 43.1 22.7 42.1#



#6
Bromomethane
Concen: 1.080 ug/L
RT: 1.490 min Scan# 140
Delta R.T. 0.006 min
Lab File: VV035806.D
Acq: 25 May 2024 18:45

Tgt Ion: 94 Resp: 398
Ion Ratio Lower Upper
94 100
96 93.5 65.2 121.0





#13

Acetone

Concen: 9.404 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.032 min

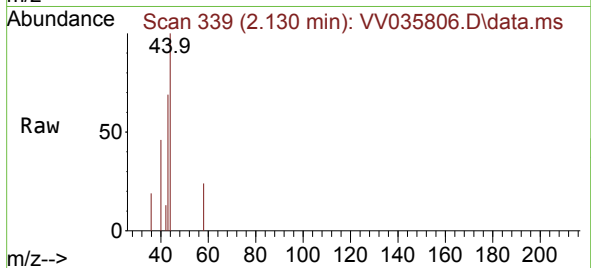
Lab File: VV035806.D

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MSVOA_V

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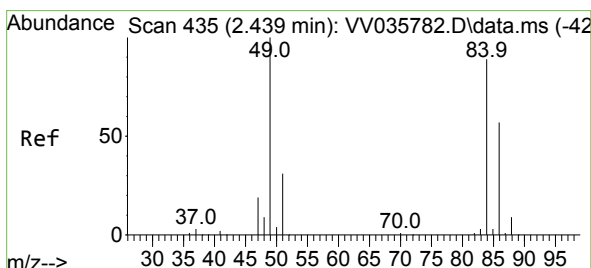
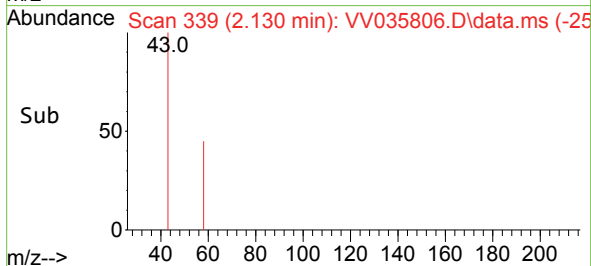
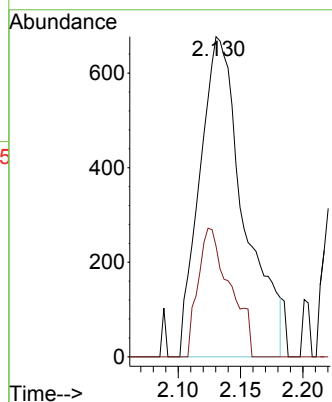


Tgt Ion: 43 Resp: 1666

Ion Ratio Lower Upper

43 100

58 26.8 0.0 22.8#



#16

Methylene chloride

Concen: 2.545 ug/L

RT: 2.452 min Scan# 439

Delta R.T. 0.013 min

Lab File: VV035806.D

Acq: 25 May 2024 18:45

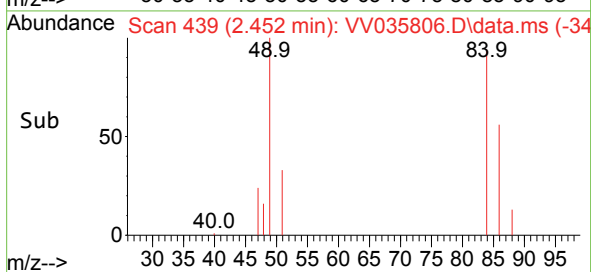
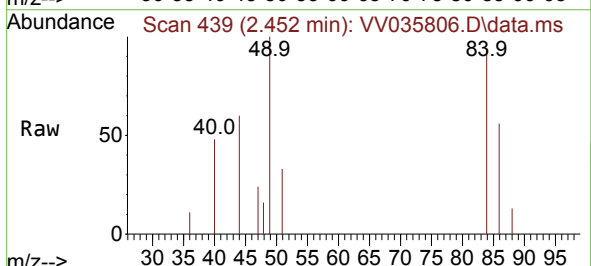
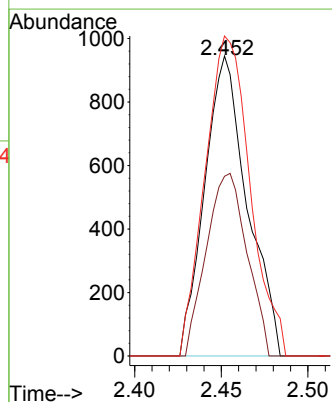
Tgt Ion: 84 Resp: 1619

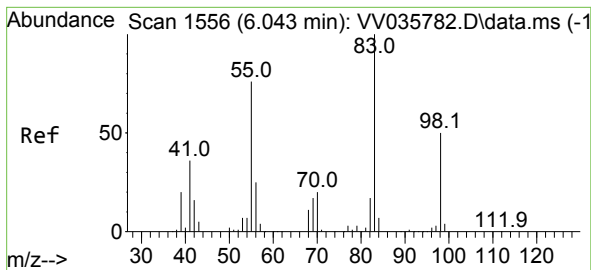
Ion Ratio Lower Upper

84 100

86 59.9 43.8 81.3

49 106.7 75.3 139.9





#35

Methylcyclohexane

Concen: 2.127 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.048 min

Lab File: VV035806.D

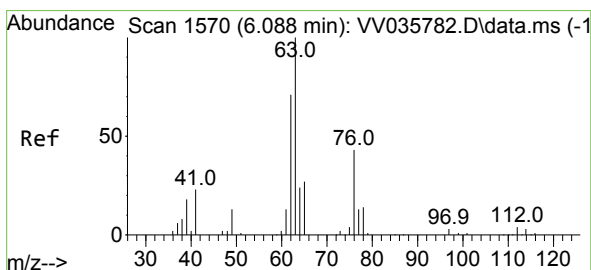
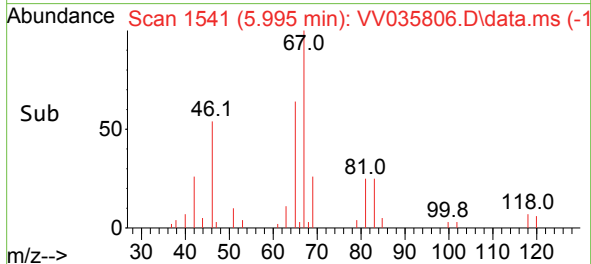
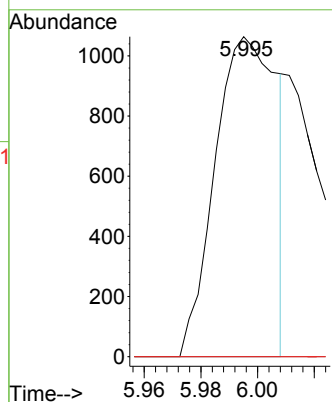
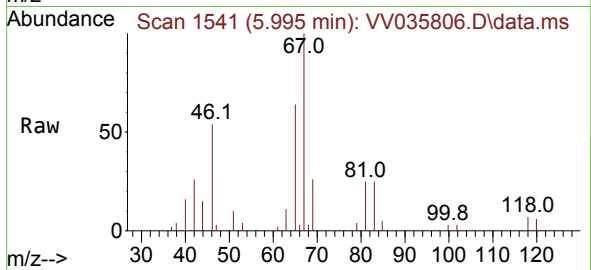
Acq: 25 May 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 1604
Ion Ratio	Lower Upper
83 100	
55 0.0	57.5 86.3#
98 10.7	38.6 58.0#



#37

1,2-Dichloropropane

Concen: 0.504 ug/L

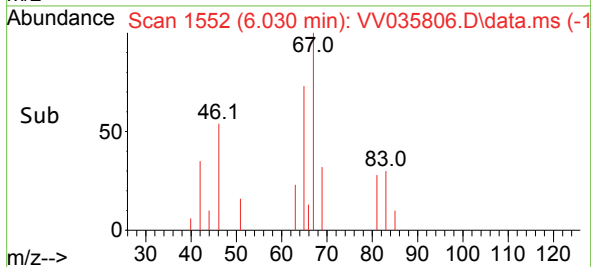
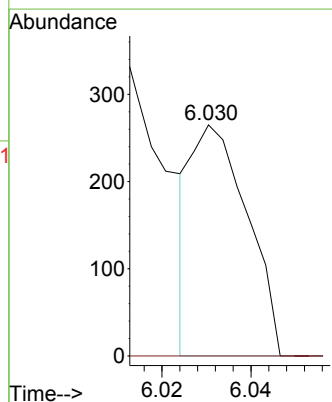
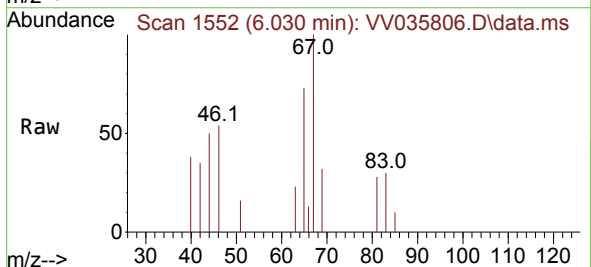
RT: 6.030 min Scan# 1552

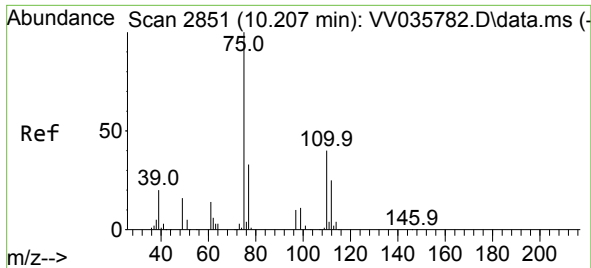
Delta R.T. -0.058 min

Lab File: VV035806.D

Acq: 25 May 2024 18:45

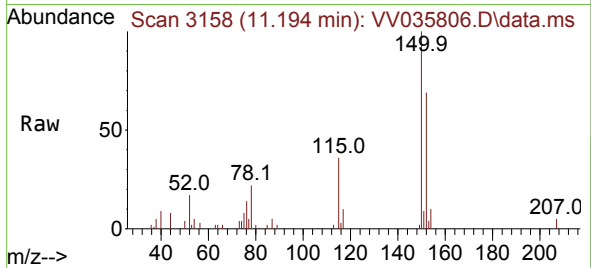
Tgt Ion: 63	Resp: 231
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.6#





#61
 1,2,3-Trichloropropane
 Concen: 4.306 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VV035806.D
 Acq: 25 May 2024 18:45

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	946
Ion Ratio	Lower	Upper
75	100	
77	66.5	25.7 38.5#
110	0.0	31.8 47.8#

