

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035771.D
 Acq On : 25 May 2024 00:33
 Operator : SY/MD
 Sample : P2570-12
 Misc : 5.62g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 25 02:49:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 25 02:41:55 2024
 Response via : Initial Calibration

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

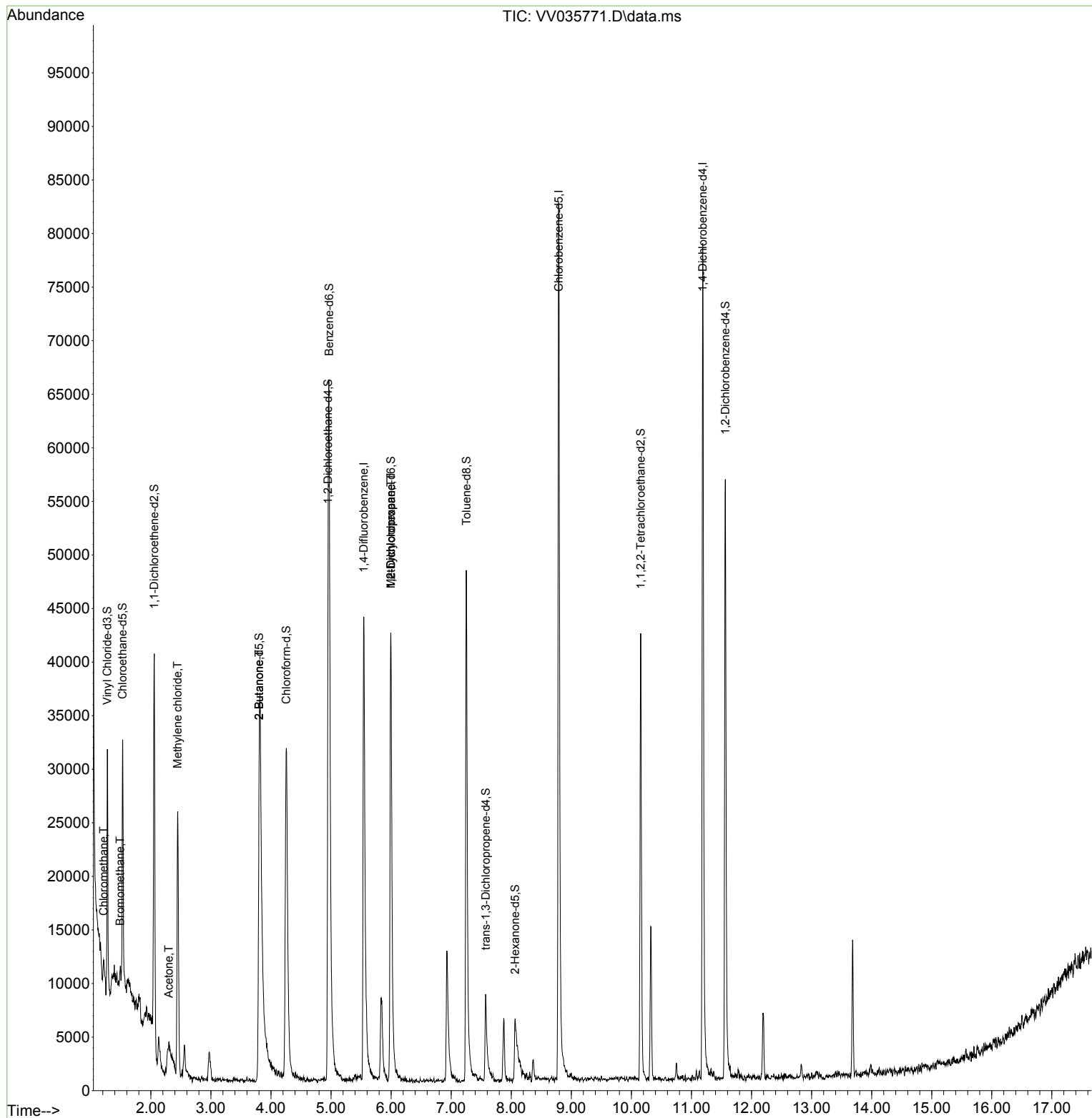
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	45239	25.000	ug/L	0.01
28) Chlorobenzene-d5	8.789	117	51224	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	23306	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	14582	20.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.400%
7) Chloroethane-d5	1.529	69	14647	25.966	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.880%
11) 1,1-Dichloroethene-d2	2.056	65	6567	21.214	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.840%
21) 2-Butanone-d5	3.802	46	304	1.532	ug/L	-0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.060%#
24) Chloroform-d	4.256	84	37439	27.837	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.360%
26) 1,2-Dichloroethane-d4	4.950	65	25533	38.402	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	153.600%#
32) Benzene-d6	4.966	84	55160	19.672	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.680%
36) 1,2-Dichloropropane-d6	5.995	67	22817	26.368	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.480%
41) Toluene-d8	7.252	98	38189	15.303	ug/L	0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.200%
43) trans-1,3-Dichloroprop...	7.574	79	6757	18.258	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.040%
47) 2-Hexanone-d5	8.063	63	1878	12.069	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	24.140%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	22116	26.523	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.080%
66) 1,2-Dichlorobenzene-d4	11.564	152	16696	20.642	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.560%
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	1132	1.226	ug/L	94
6) Bromomethane	1.487	94	488	0.808	ug/L	97
13) Acetone	2.297	43	1880	6.472	ug/L	87
16) Methylene chloride	2.445	84	10660	10.218	ug/L	95
22) 2-Butanone	3.802	43	577	2.139	ug/L	97
35) Methylcyclohexane	5.995	83	5460	3.750	ug/L #	46
37) 1,2-Dichloropropane	5.995	63	2573	2.909	ug/L #	86

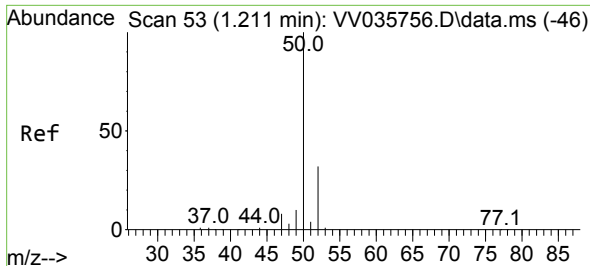
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 42 Sample Multiplier: 1

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Quant Title : VOC Analysis
QLast Update : Sat May 25 02:41:55 2024
Response via : Initial Calibration

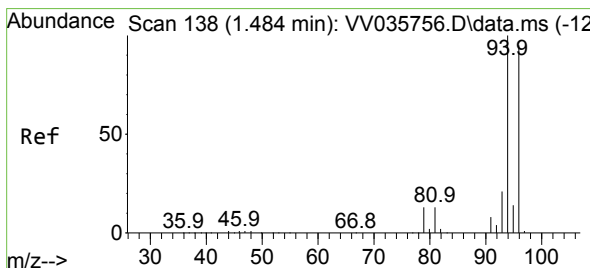
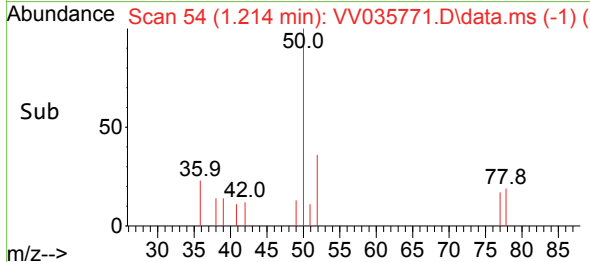
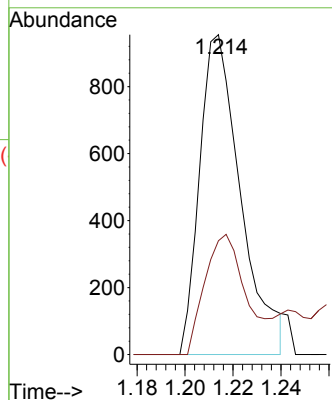
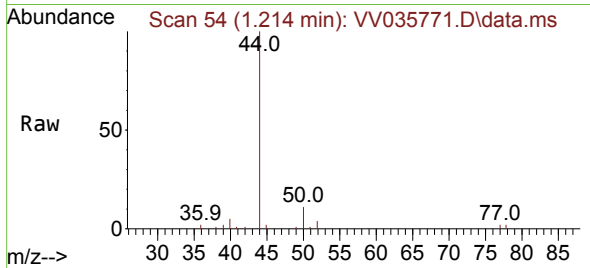




#3
Chloromethane
Concen: 1.226 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV035771.D
Acq: 25 May 2024 00:33

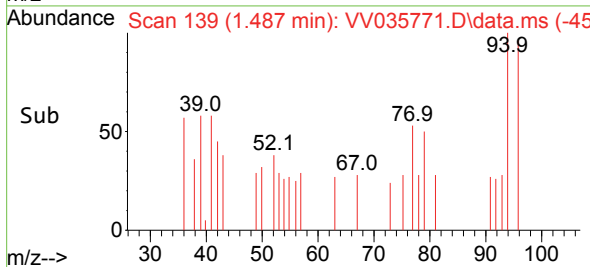
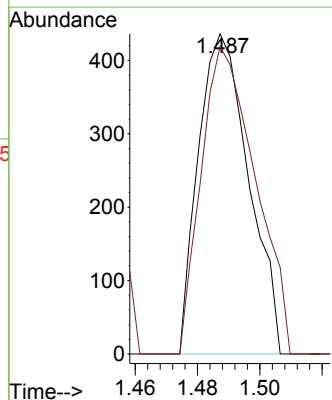
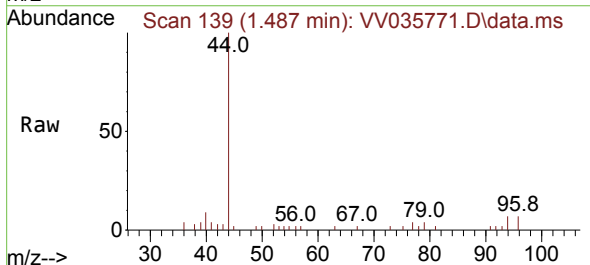
Instrument :
MSVOA_V
ClientSampleId :

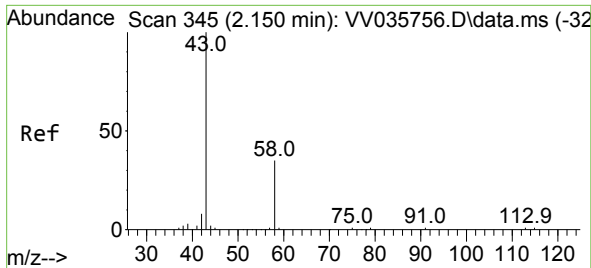
Tgt Ion: 50 Resp: 1132
Ion Ratio Lower Upper
50 100
52 35.6 22.7 42.1



#6
Bromomethane
Concen: 0.808 ug/L
RT: 1.487 min Scan# 139
Delta R.T. 0.003 min
Lab File: VV035771.D
Acq: 25 May 2024 00:33

Tgt Ion: 94 Resp: 488
Ion Ratio Lower Upper
94 100
96 96.1 65.2 121.0

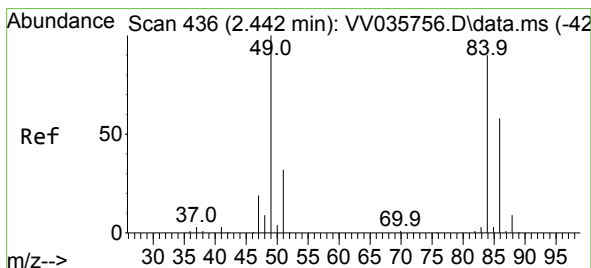
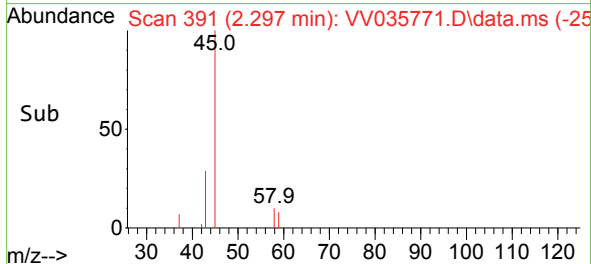
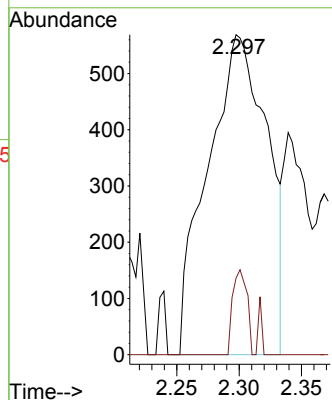
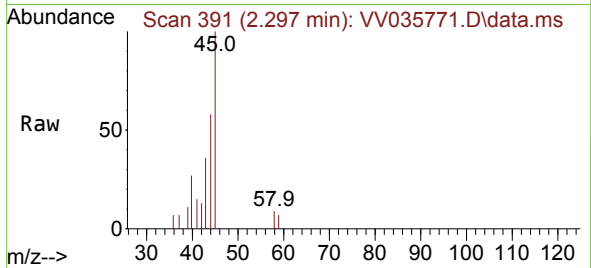




#13
Acetone
Concen: 6.472 ug/L
RT: 2.297 min Scan# 345
Delta R.T. 0.148 min
Lab File: VV035771.D
Acq: 25 May 2024 00:33

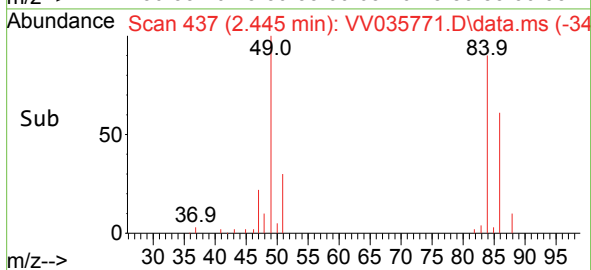
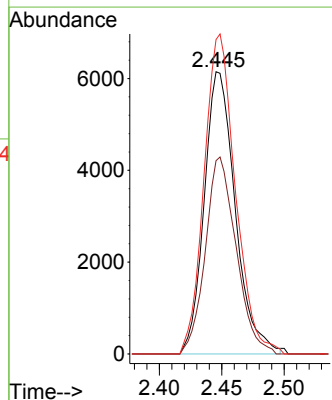
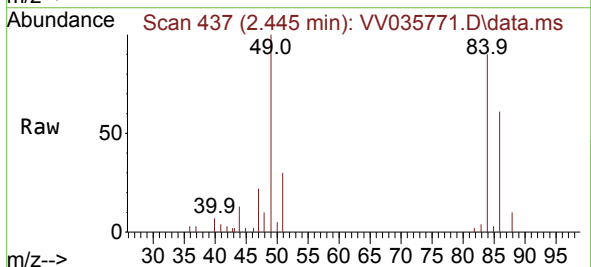
Instrument :
MSVOA_V
ClientSampleId :

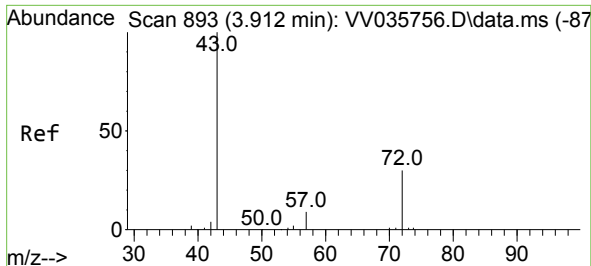
Tgt Ion: 43 Resp: 1880
Ion Ratio Lower Upper
43 100
58 6.4 0.0 22.8



#16
Methylene chloride
Concen: 10.218 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV035771.D
Acq: 25 May 2024 00:33

Tgt Ion: 84 Resp: 10660
Ion Ratio Lower Upper
84 100
86 68.5 43.8 81.3
49 111.4 75.3 139.9

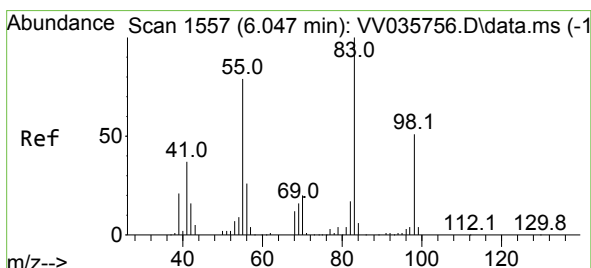
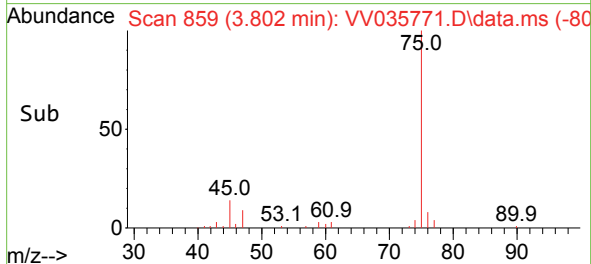
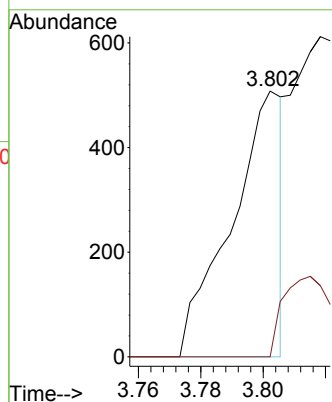
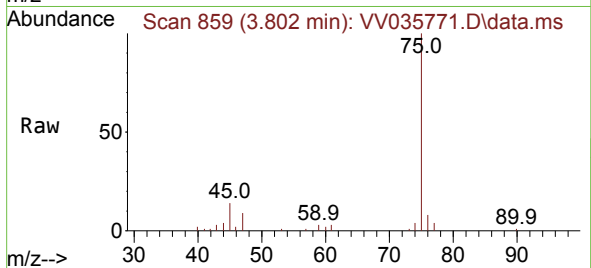




#22
2-Butanone
Concen: 2.139 ug/L
RT: 3.802 min Scan# 81
Delta R.T. -0.109 min
Lab File: VV035771.D
Acq: 25 May 2024 00:33

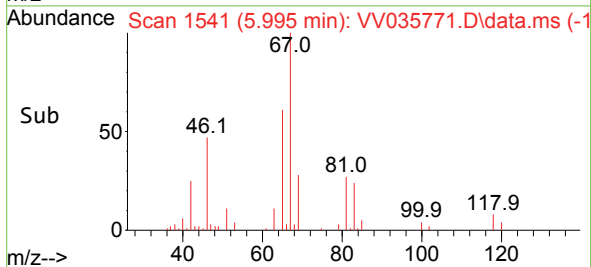
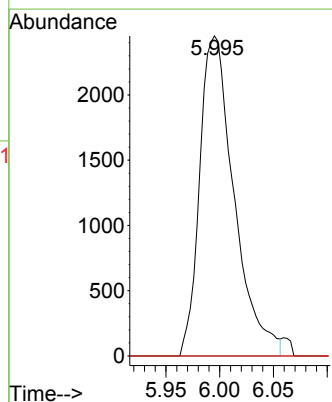
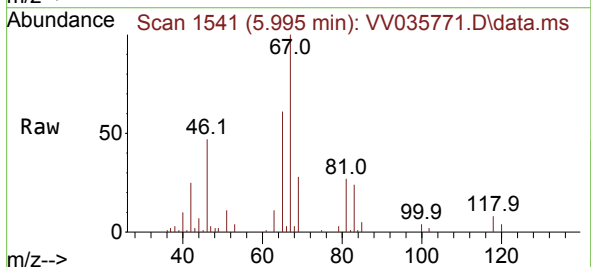
Instrument :
MSVOA_V
ClientSampleId :

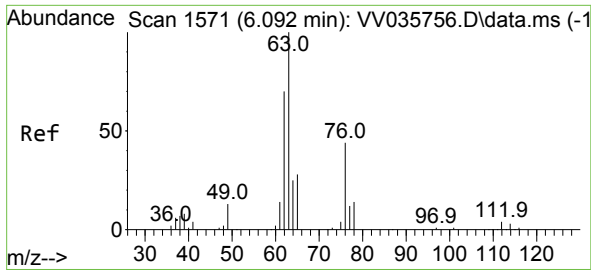
Tgt Ion: 43 Resp: 577
Ion Ratio Lower Upper
43 100
72 26.0 12.3 36.9



#35
Methylcyclohexane
Concen: 3.750 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.052 min
Lab File: VV035771.D
Acq: 25 May 2024 00:33

Tgt Ion: 83 Resp: 5460
Ion Ratio Lower Upper
83 100
55 0.0 57.5 86.3#
98 44.9 38.6 58.0





#37
 1,2-Dichloropropane
 Concen: 2.909 ug/L
 RT: 5.995 min Scan# 11
 Delta R.T. -0.097 min
 Lab File: VV035771.D
 Acq: 25 May 2024 00:33

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 63 Resp: 2573
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#

