

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060723\
 Data File : VV031407.D
 Acq On : 07 Jun 2023 18:24
 Operator : SY/MD
 Sample : 02992-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C09

Quant Time: Jun 08 04:26:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 08 04:14:38 2023
 Response via : Initial Calibration

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

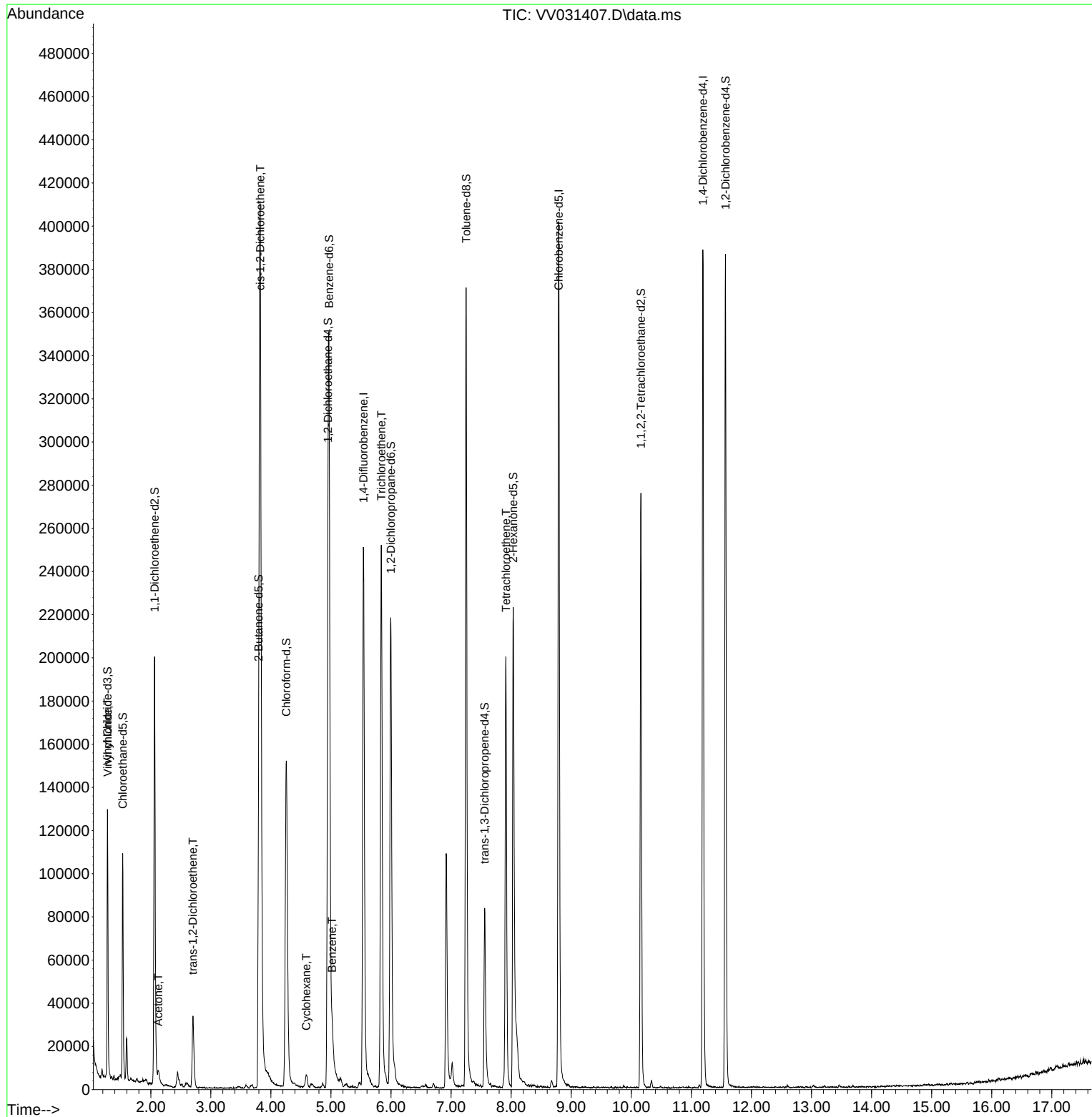
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	204316	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	215538	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	100289	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71826	39.956	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.920%
7) Chloroethane-d5	1.532	69	65500	45.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.020%
11) 1,1-Dichloroethene-d2	2.063	65	35324	41.461	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.920%
21) 2-Butanone-d5	3.796	46	139552	107.418	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.420%
24) Chloroform-d	4.256	84	163356	47.773	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.540%
26) 1,2-Dichloroethane-d4	4.950	65	119181	51.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.920%
32) Benzene-d6	4.966	84	288059	45.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.540%
36) 1,2-Dichloropropane-d6	5.995	67	108335	48.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.960%
41) Toluene-d8	7.249	98	247316	42.308	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.620%
43) trans-1,3-Dichloroprop...	7.558	79	50037	44.909	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.820%
47) 2-Hexanone-d5	8.034	63	74450	89.366	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.370%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	130208	46.645	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.300%
66) 1,2-Dichlorobenzene-d4	11.567	152	94977	51.052	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.100%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.281	62	11160	14.068	ug/L	92
13) Acetone	2.124	43	5687	4.893	ug/L	93
17) trans-1,2-Dichloroethene	2.699	96	7603	9.838	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	196372	156.295	ug/L	99
29) Cyclohexane	4.590	56	2725	2.361	ug/L #	73
33) Benzene	5.018	78	21093	4.435	ug/L	100
34) Trichloroethene	5.838	95	86791	57.925	ug/L	98
46) Tetrachloroethene	7.911	164	43318	44.533	ug/L	99

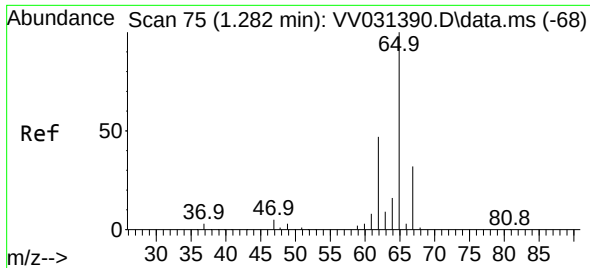
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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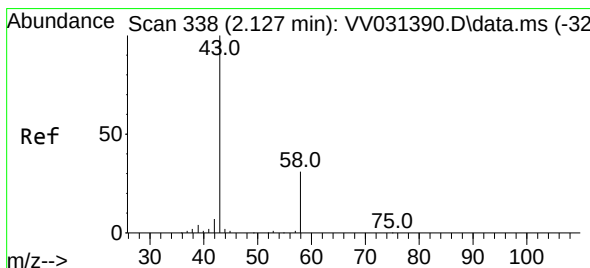
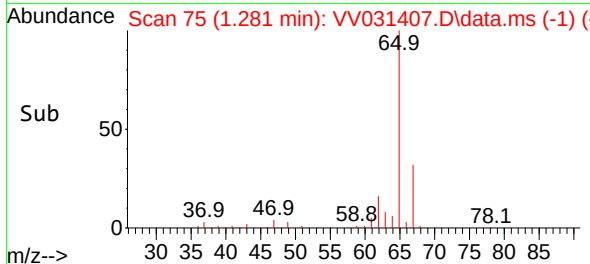
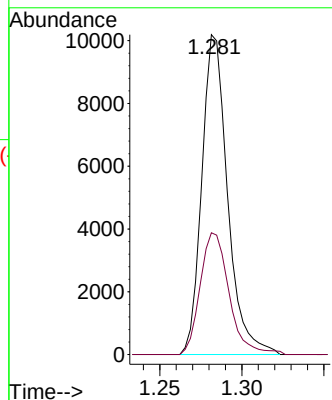
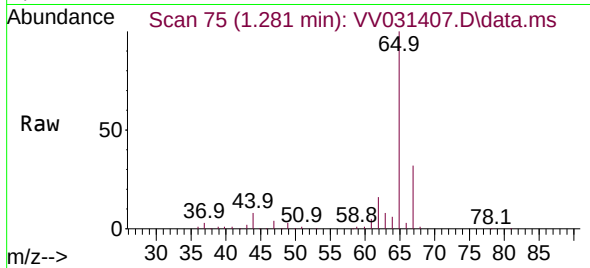




#5
 Vinyl chloride
 Concen: 14.068 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV031407.D
 Acq: 07 Jun 2023 18:24

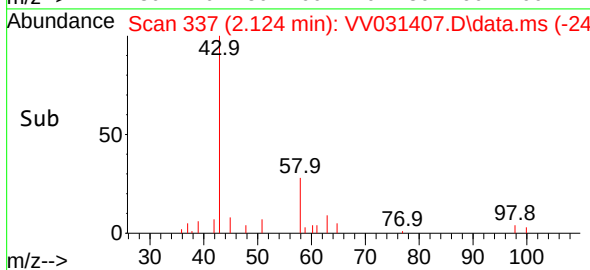
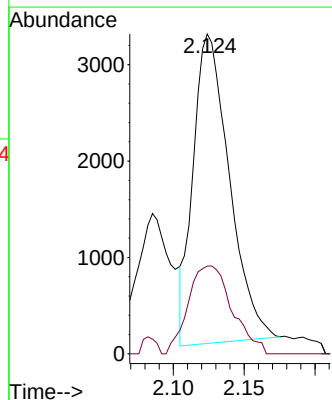
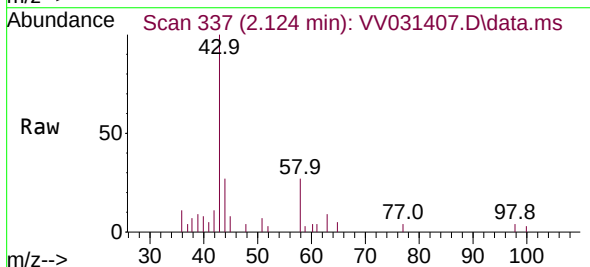
Instrument :
 MSVOA_V
 ClientSampleId :
 F6C09

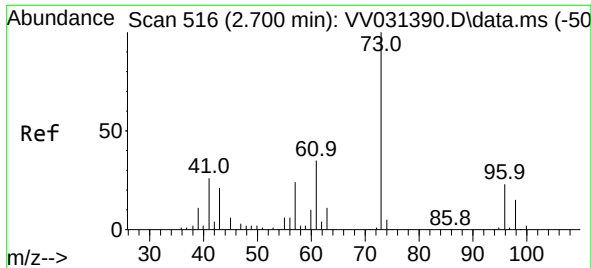
Tgt Ion: 62 Resp: 11160
 Ion Ratio Lower Upper
 62 100
 64 38.1 23.7 43.9



#13
 Acetone
 Concen: 4.893 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. -0.003 min
 Lab File: VV031407.D
 Acq: 07 Jun 2023 18:24

Tgt Ion: 43 Resp: 5687
 Ion Ratio Lower Upper
 43 100
 58 34.1 0.0 61.0

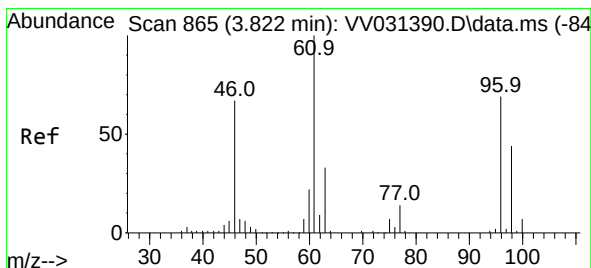
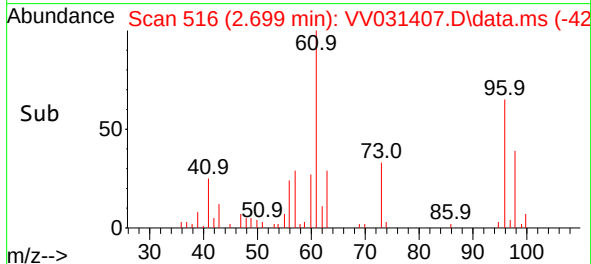
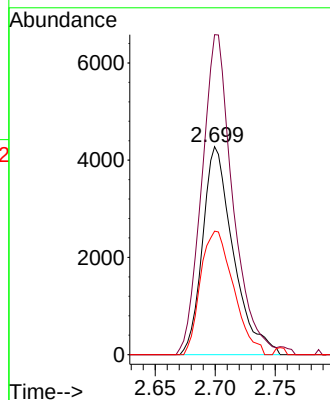
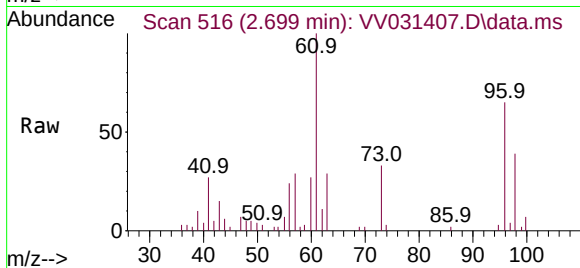




#17
trans-1,2-Dichloroethene
Concen: 9.838 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV031407.D
Acq: 07 Jun 2023 18:24

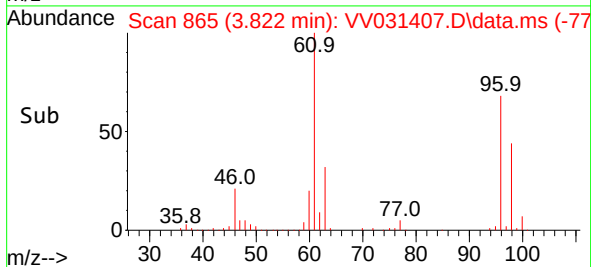
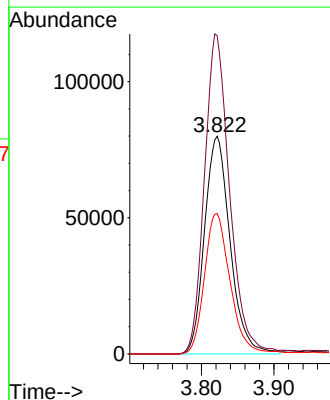
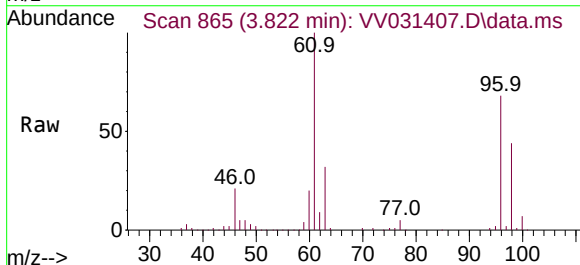
Instrument :
MSVOA_V
ClientSampleId :
F6C09

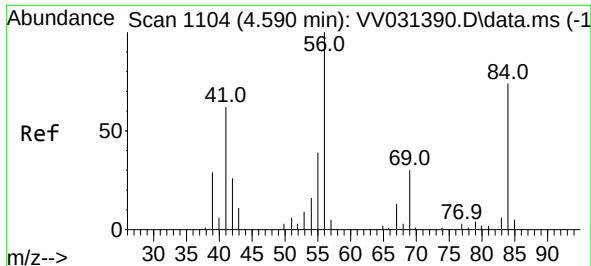
Tgt Ion: 96 Resp: 7603
Ion Ratio Lower Upper
96 100
61 153.9 106.9 198.5
98 59.4 44.9 83.3



#20
cis-1,2-Dichloroethene
Concen: 156.295 ug/L
RT: 3.822 min Scan# 865
Delta R.T. -0.000 min
Lab File: VV031407.D
Acq: 07 Jun 2023 18:24

Tgt Ion: 96 Resp: 196372
Ion Ratio Lower Upper
96 100
61 146.3 101.6 188.6
98 64.5 44.4 82.4





#29

Cyclohexane

Concen: 2.361 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VV031407.D

Acq: 07 Jun 2023 18:24

Instrument :

MSVOA_V

ClientSampleId :

F6C09

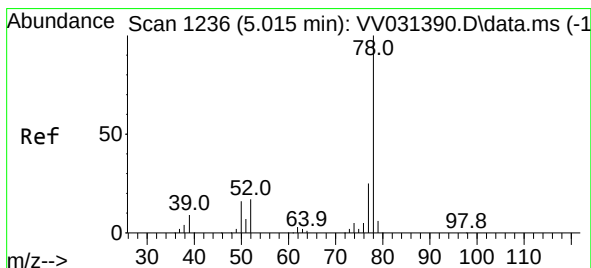
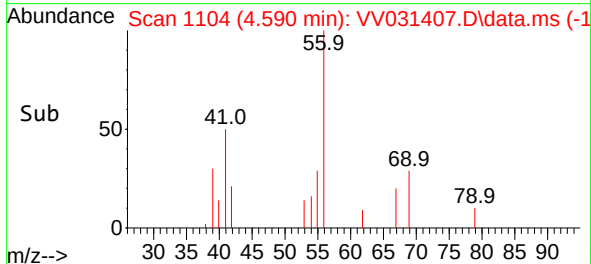
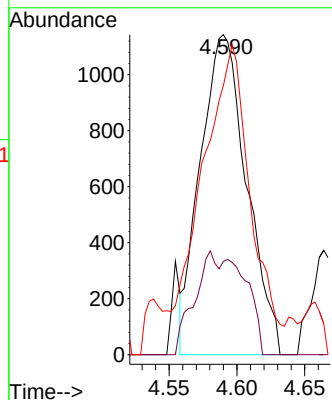
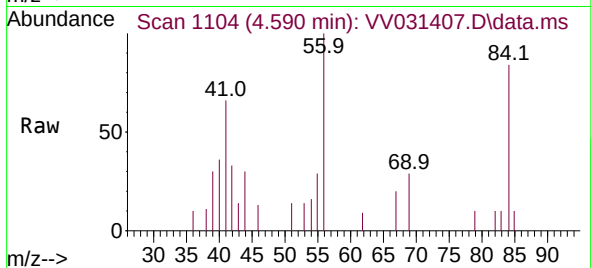
Tgt Ion: 56 Resp: 2725

Ion Ratio Lower Upper

56 100

69 17.0 23.5 35.3#

84 101.2 61.3 91.9#



#33

Benzene

Concen: 4.435 ug/L

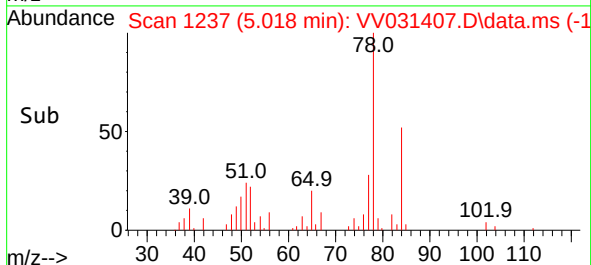
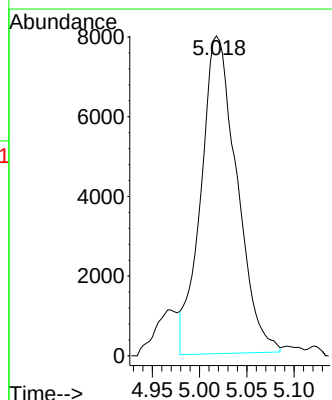
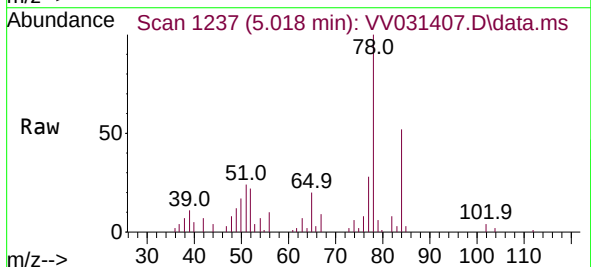
RT: 5.018 min Scan# 1237

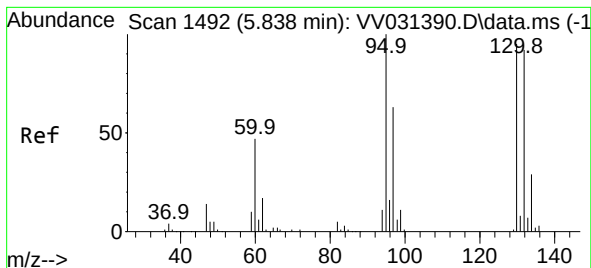
Delta R.T. 0.003 min

Lab File: VV031407.D

Acq: 07 Jun 2023 18:24

Tgt Ion: 78 Resp: 21093





#34

Trichloroethene

Concen: 57.925 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. -0.000 min

Lab File: VV031407.D

Acq: 07 Jun 2023 18:24

Instrument :

MSVOA_V

ClientSampleId :

F6C09

Tgt Ion: 95 Resp: 86791

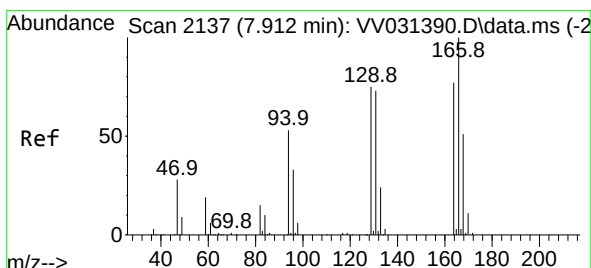
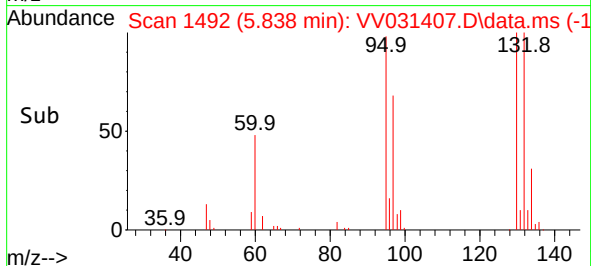
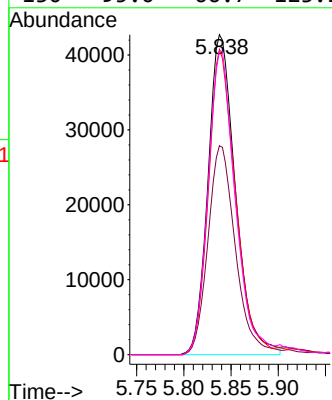
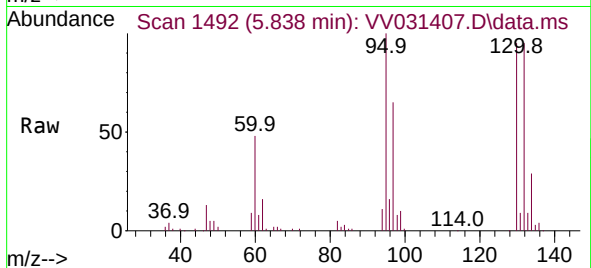
Ion Ratio Lower Upper

95 100

97 65.3 44.2 82.0

132 95.3 64.2 119.2

130 95.0 66.7 123.9



#46

Tetrachloroethene

Concen: 44.533 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VV031407.D

Acq: 07 Jun 2023 18:24

Tgt Ion:164 Resp: 43318

Ion Ratio Lower Upper

164 100

129 97.7 68.0 126.4

131 92.5 65.5 121.7

166 128.1 90.5 168.1

