

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029537.D
 Acq On : 09 Dec 2022 21:43
 Operator : SY/MD
 Sample : N5959-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EL5

Quant Time: Dec 10 01:10:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 00:41:04 2022
 Response via : Initial Calibration

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

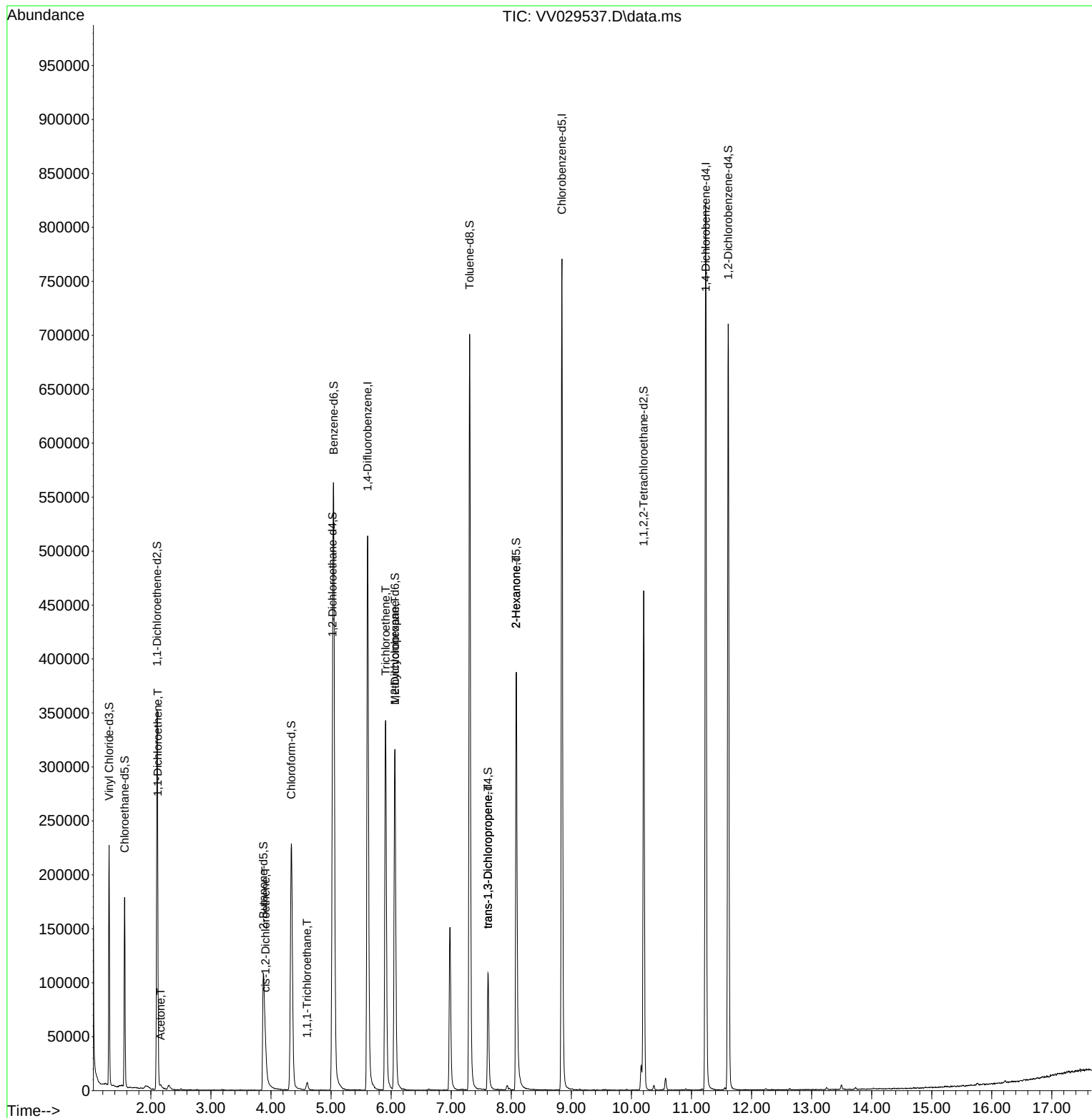
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	471179	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	436893	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	225675	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	138707	48.074	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.140%		
7) Chloroethane-d5	1.565	69	112511	51.138	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.280%		
11) 1,1-Dichloroethene-d2	2.105	63	177489	39.439	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.880%		
21) 2-Butanone-d5	3.873	46	181905	103.349	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.350%		
24) Chloroform-d	4.339	84	247857	45.649	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.300%		
26) 1,2-Dichloroethane-d4	5.024	65	150109	48.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.820%		
32) Benzene-d6	5.044	84	545065	47.215	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.440%		
36) 1,2-Dichloropropane-d6	6.063	67	164158	46.554	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.100%		
41) Toluene-d8	7.307	98	484970	44.586	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.180%		
43) trans-1,3-Dichloroprop...	7.613	79	66515	37.355	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.720%		
47) 2-Hexanone-d5	8.082	63	149981	99.604	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.600%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	229774	45.600	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.200%		
66) 1,2-Dichlorobenzene-d4	11.612	152	196531	45.748	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.500%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	9674	3.841	ug/L #	1
13) Acetone	2.163	43	3117	2.718	ug/L	94
20) cis-1,2-Dichloroethene	3.909	96	9903	3.103	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	6272	1.318	ug/L	93
34) Trichloroethene	5.908	95	125902	40.799	ug/L	98
35) Methylcyclohexane	6.063	83	39532	7.543	ug/L #	21
44) trans-1,3-Dichloropropene	7.613	75	3123	0.675	ug/L	83
48) 2-Hexanone	8.082	43	14514	5.361	ug/L #	51

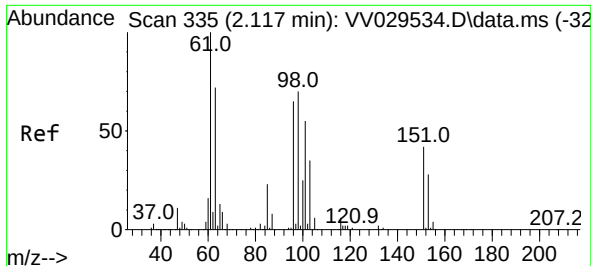
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

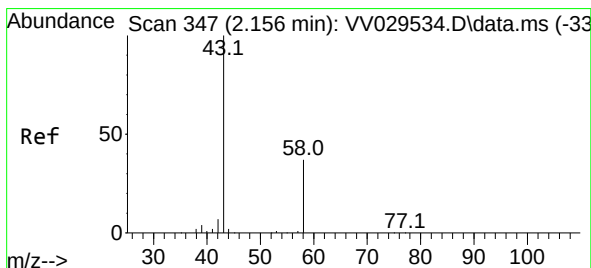
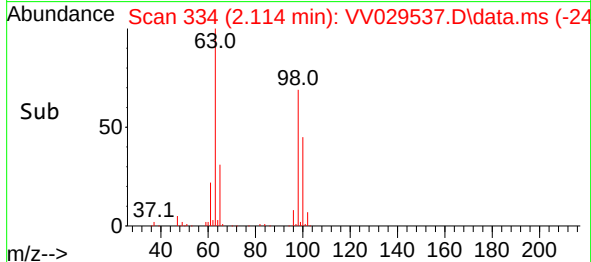
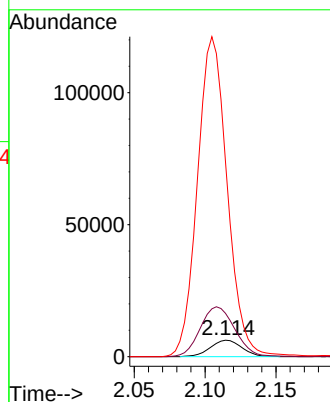
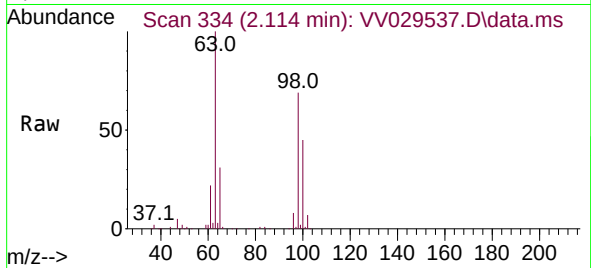




#12
 1,1-Dichloroethene
 Concen: 3.841 ug/L
 RT: 2.114 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV029537.D
 Acq: 09 Dec 2022 21:43

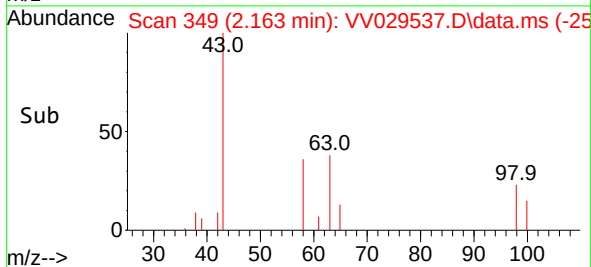
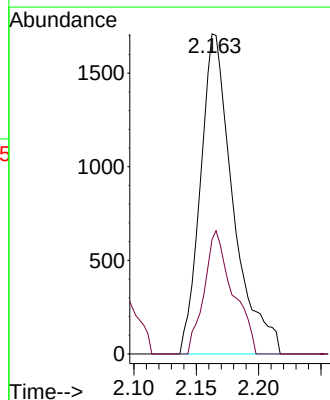
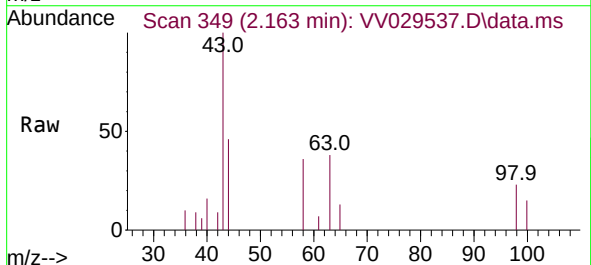
Instrument :
 MSVOA_V
 ClientSampleId :
 C0EL5

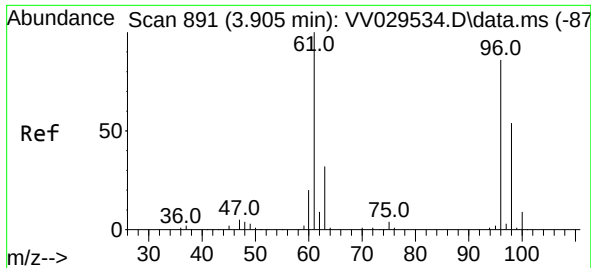
Tgt Ion: 96 Resp: 9674
 Ion Ratio Lower Upper
 96 100
 61 263.4 103.3 191.9#
 63 1186.6 77.3 143.7#



#13
 Acetone
 Concen: 2.718 ug/L
 RT: 2.163 min Scan# 349
 Delta R.T. 0.007 min
 Lab File: VV029537.D
 Acq: 09 Dec 2022 21:43

Tgt Ion: 43 Resp: 3117
 Ion Ratio Lower Upper
 43 100
 58 33.7 0.0 74.8

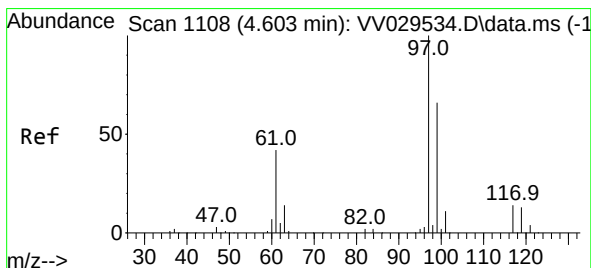
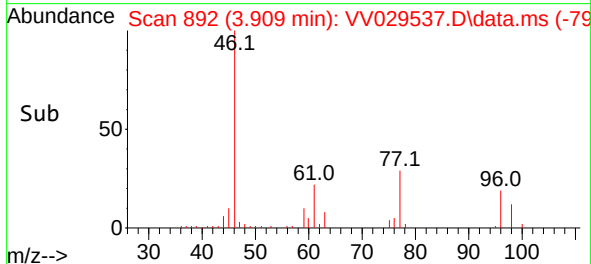
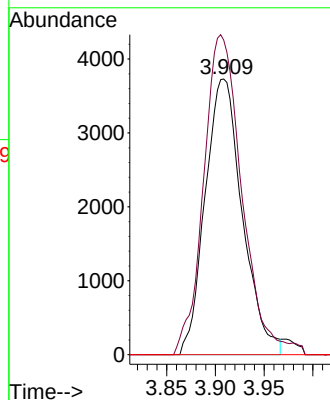
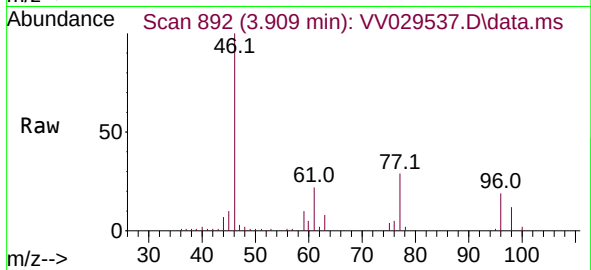




#20
 cis-1,2-Dichloroethene
 Concen: 3.103 ug/L
 RT: 3.909 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029537.D
 Acq: 09 Dec 2022 21:43

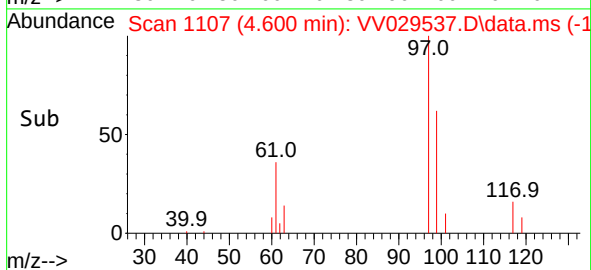
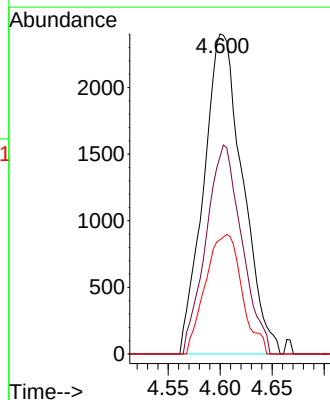
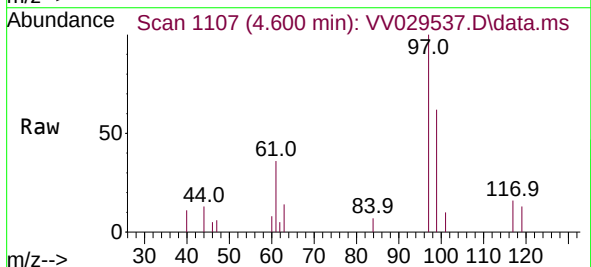
Instrument :
 MSVOA_V
 ClientSampleId :
 C0EL5

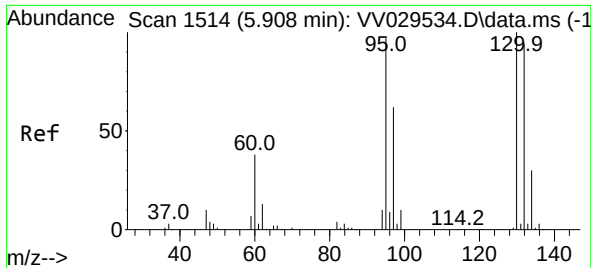
Tgt Ion: 96 Resp: 9903
 Ion Ratio Lower Upper
 96 100
 61 114.1 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.318 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. -0.003 min
 Lab File: VV029537.D
 Acq: 09 Dec 2022 21:43

Tgt Ion: 97 Resp: 6272
 Ion Ratio Lower Upper
 97 100
 99 60.1 52.1 78.1
 61 34.9 31.8 47.8



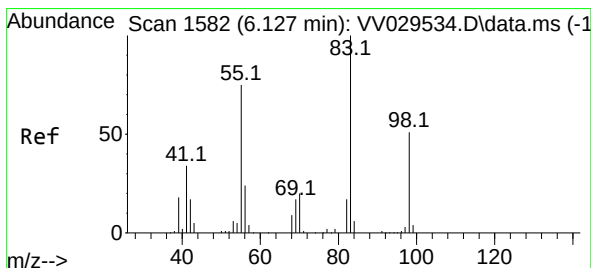
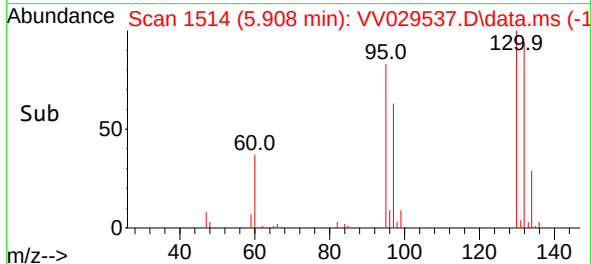
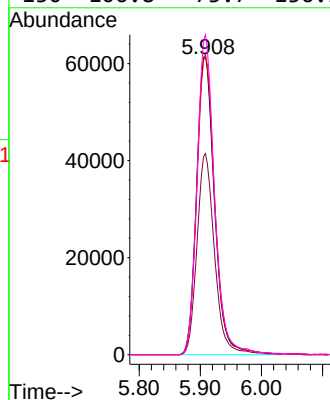
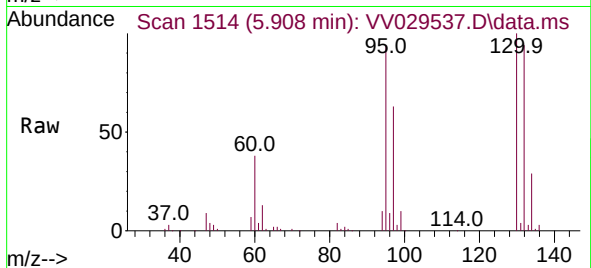


#34
Trichloroethene
Concen: 40.799 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029537.D
Acq: 09 Dec 2022 21:43

Instrument :
MSVOA_V
ClientSampleId :
C0EL5

Tgt Ion: 95 Resp: 125902

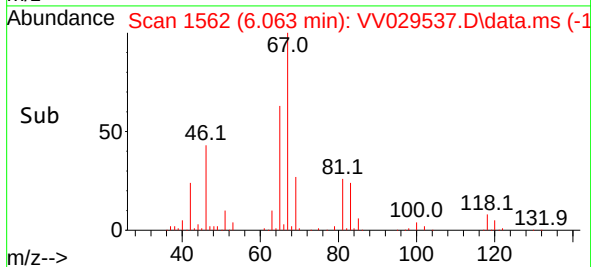
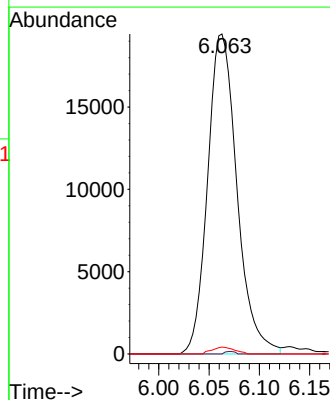
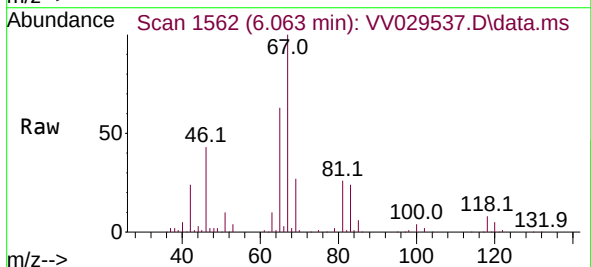
Ion	Ratio	Lower	Upper
95	100		
97	67.2	44.0	81.8
132	100.1	69.9	129.9
130	106.8	73.7	136.9

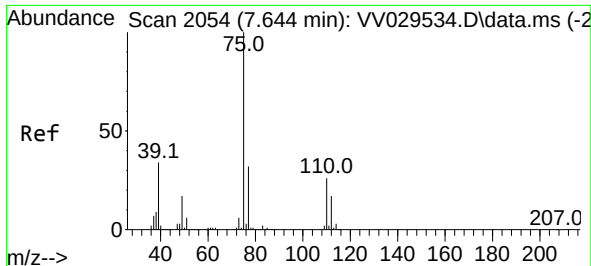


#35
Methylcyclohexane
Concen: 7.543 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.064 min
Lab File: VV029537.D
Acq: 09 Dec 2022 21:43

Tgt Ion: 83 Resp: 39532

Ion	Ratio	Lower	Upper
83	100		
55	0.3	55.5	83.3#
98	1.6	39.8	59.8#

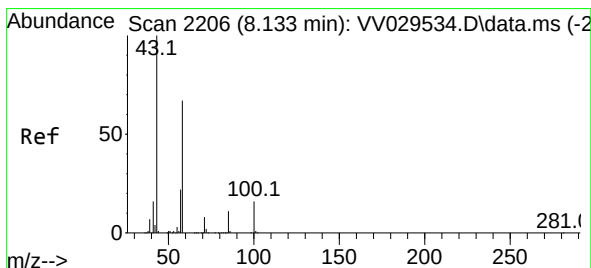
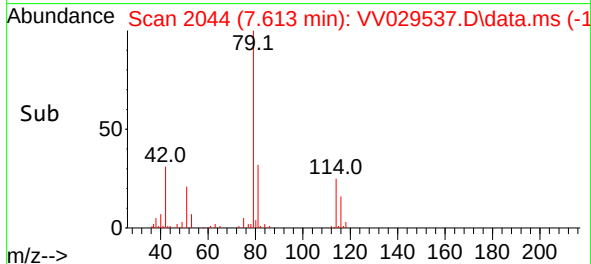
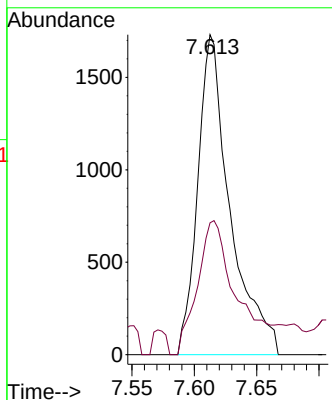
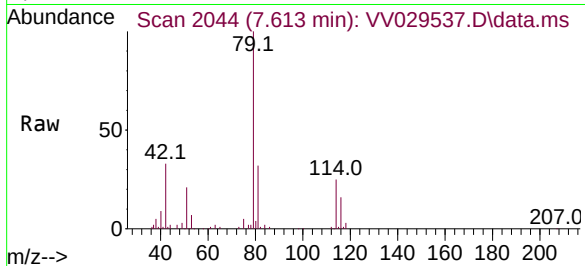




#44
trans-1,3-Dichloropropene
Concen: 0.675 ug/L
RT: 7.613 min Scan# 2054
Delta R.T. -0.032 min
Lab File: VV029537.D
Acq: 09 Dec 2022 21:43

Instrument :
MSVOA_V
ClientSampleId :
C0EL5

Tgt Ion: 75 Resp: 3123
Ion Ratio Lower Upper
75 100
77 41.2 22.3 41.5



#48
2-Hexanone
Concen: 5.361 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.051 min
Lab File: VV029537.D
Acq: 09 Dec 2022 21:43

Tgt Ion: 43 Resp: 14514
Ion Ratio Lower Upper
43 100
58 17.7 54.1 81.1#
57 29.3 17.4 26.0#
100 1.1 13.6 20.4#

