

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
 Data File : VV034728.D
 Acq On : 19 Mar 2024 12:24
 Operator : SY/MD
 Sample : P1751-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 20 01:22:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 20 01:19:21 2024
 Response via : Initial Calibration

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

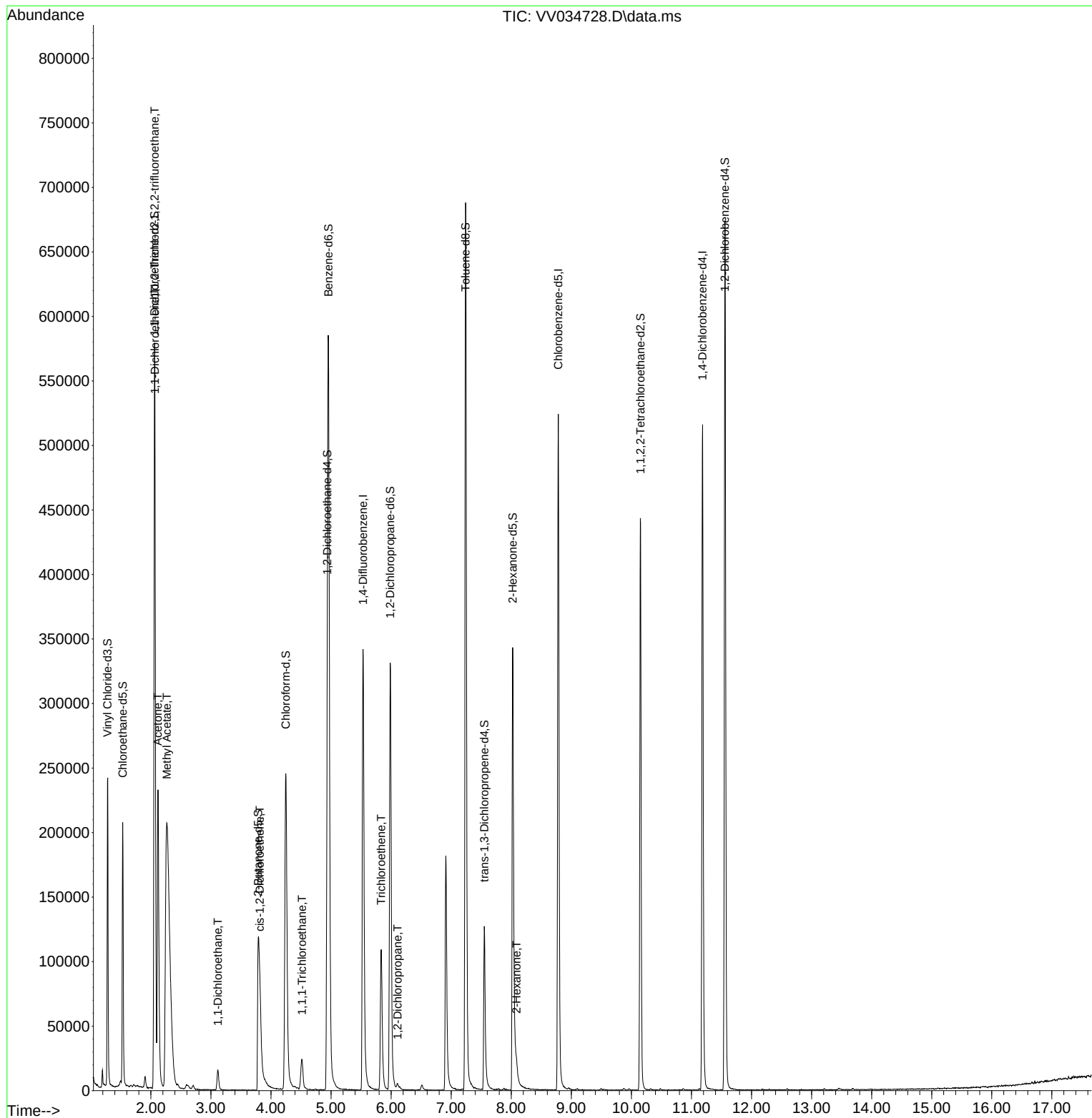
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	297374	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	281549	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	131368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	150880	58.528	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 117.060%			
7) Chloroethane-d5	1.532	69	122028	60.759	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 121.520%			
11) 1,1-Dichloroethene-d2	2.060	65	69229	59.380	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 118.760%			
21) 2-Butanone-d5	3.786	46	197168	114.369	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.370%			
24) Chloroform-d	4.246	84	260366	57.122	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.240%			
26) 1,2-Dichloroethane-d4	4.937	65	178922	60.070	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 120.140%			
32) Benzene-d6	4.957	84	517156	60.862	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.720%			
36) 1,2-Dichloropropane-d6	5.985	67	157235	60.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 121.260%#			
41) Toluene-d8	7.239	98	459766	59.791	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.580%			
43) trans-1,3-Dichloroprop...	7.551	79	75156	57.714	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 115.420%			
47) 2-Hexanone-d5	8.024	63	120502	93.057	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.060%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	204144	59.821	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 119.640%			
66) 1,2-Dichlorobenzene-d4	11.558	152	170473	63.486	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 126.980%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	2946	1.227	ug/L #	46
12) 1,1-Dichloroethene	2.069	96	79101	35.523	ug/L #	65
13) Acetone	2.117	43	277018	133.665	ug/L	99
15) Methyl Acetate	2.269	43	136487	51.478	ug/L #	53
19) 1,1-Dichloroethane	3.114	63	16298	3.860	ug/L	95
20) cis-1,2-Dichloroethene	3.815	96	22382	9.571	ug/L	92
30) 1,1,1-Trichloroethane	4.516	97	19476	4.824	ug/L	97
34) Trichloroethene	5.834	95	37453	15.077	ug/L	96
37) 1,2-Dichloropropane	6.108	63	2135	0.933	ug/L #	87
48) 2-Hexanone	8.088	43	12396	4.611	ug/L #	84

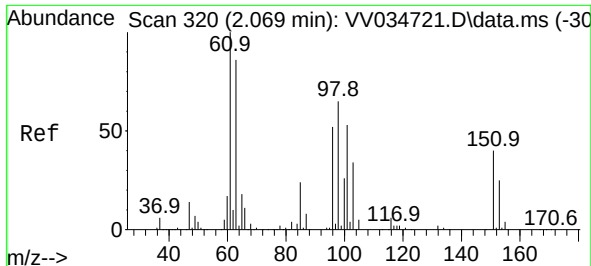
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 20 01:19:21 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.227 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.006 min

Lab File: VV034728.D

Acq: 19 Mar 2024 12:24

Instrument :

MSVOA_V

ClientSampleId :

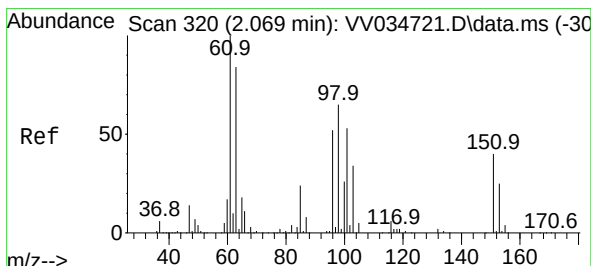
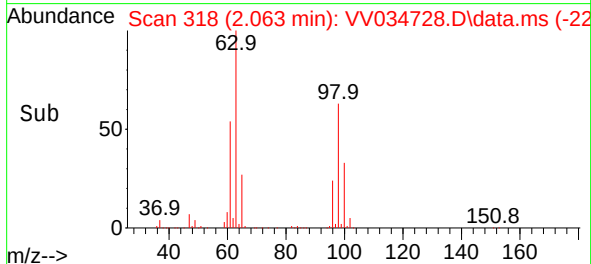
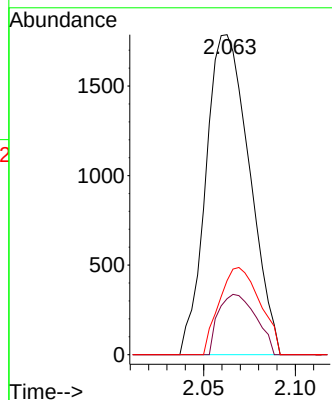
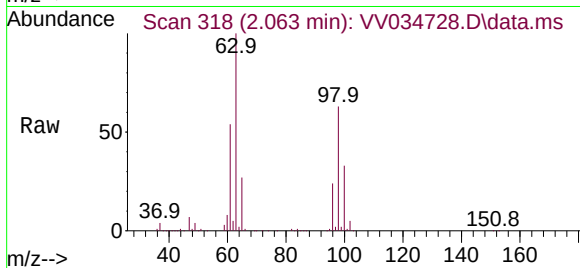
Tgt Ion:101 Resp: 2946

Ion Ratio Lower Upper

101 100

85 16.2 37.4 56.0#

151 25.5 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 35.523 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV034728.D

Acq: 19 Mar 2024 12:24

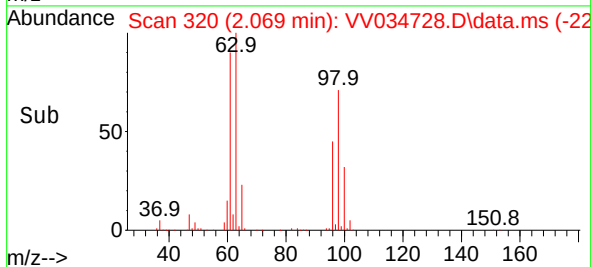
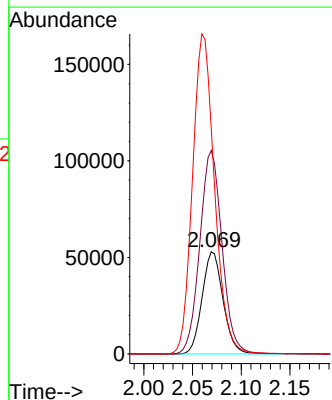
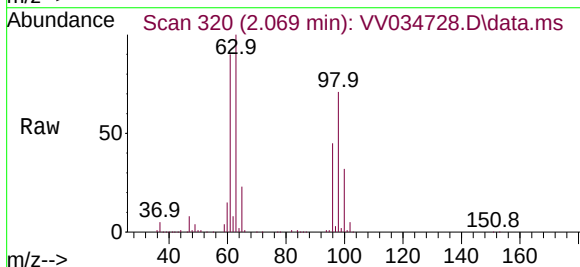
Tgt Ion: 96 Resp: 79101

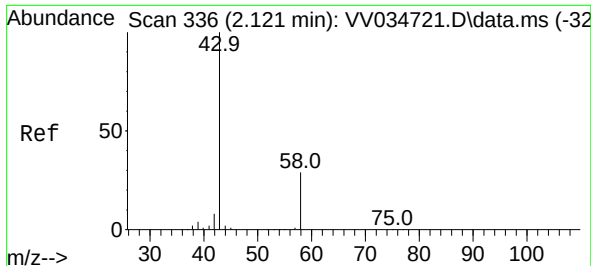
Ion Ratio Lower Upper

96 100

61 199.4 128.9 239.3

63 221.1 98.0 182.0#





#13

Acetone

Concen: 133.665 ug/L

RT: 2.117 min Scan# 341

Delta R.T. -0.003 min

Lab File: VV034728.D

Acq: 19 Mar 2024 12:24

Instrument :

MSVOA_V

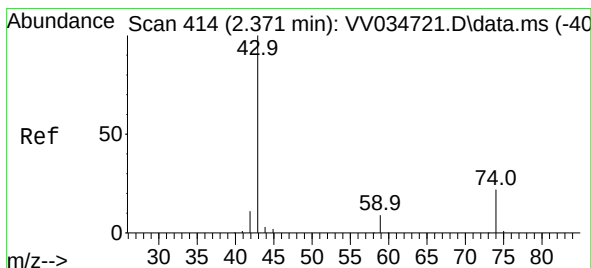
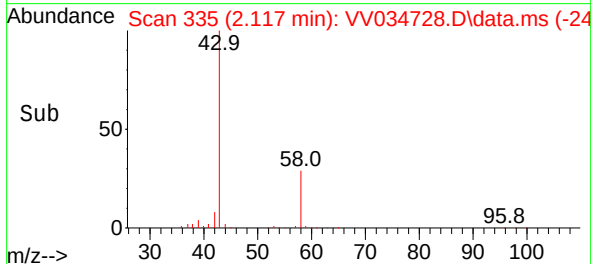
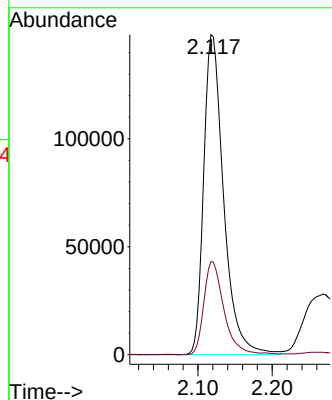
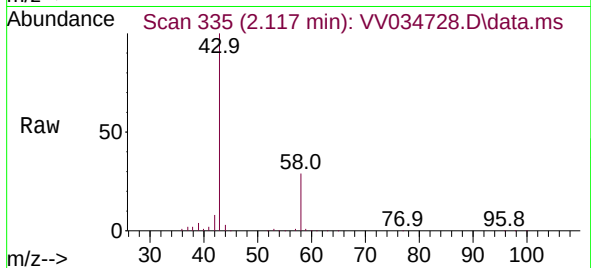
ClientSampleId :

Tgt Ion: 43 Resp: 277018

Ion Ratio Lower Upper

43 100

58 29.0 0.0 57.2



#15

Methyl Acetate

Concen: 51.478 ug/L

RT: 2.269 min Scan# 382

Delta R.T. -0.103 min

Lab File: VV034728.D

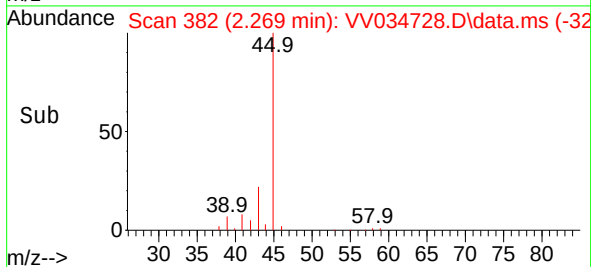
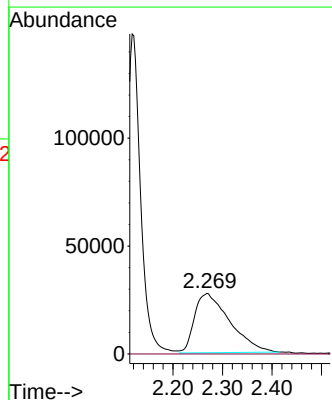
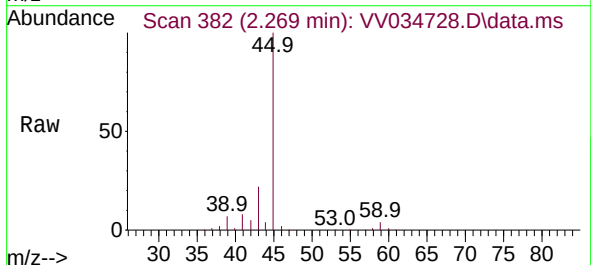
Acq: 19 Mar 2024 12:24

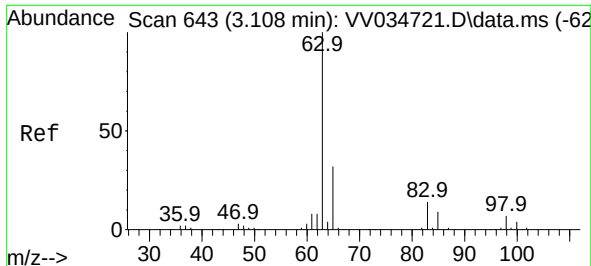
Tgt Ion: 43 Resp: 136487

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#

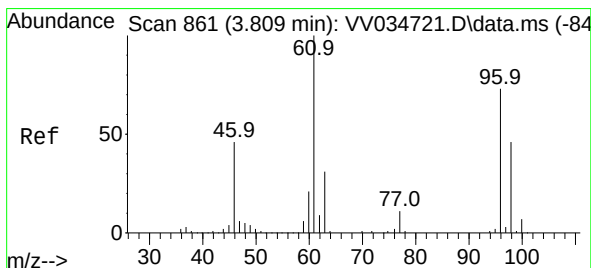
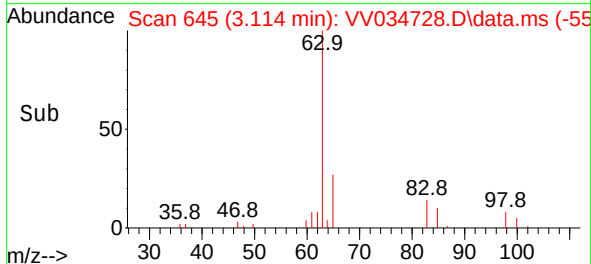
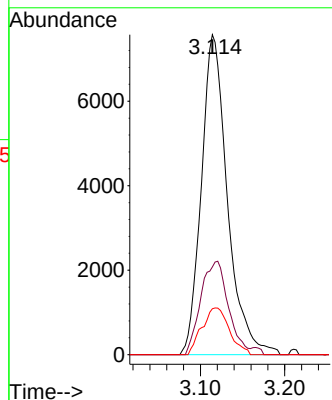
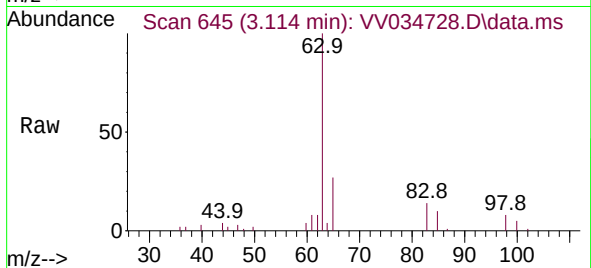




#19
1,1-Dichloroethane
Concen: 3.860 ug/L
RT: 3.114 min Scan# 643
Delta R.T. 0.006 min
Lab File: VV034728.D
Acq: 19 Mar 2024 12:24

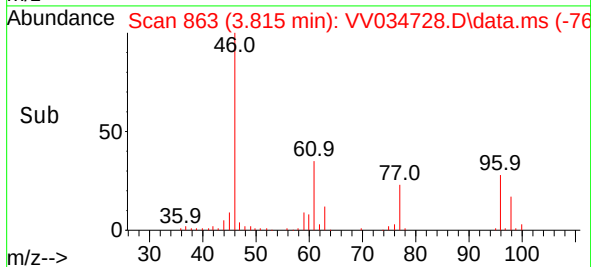
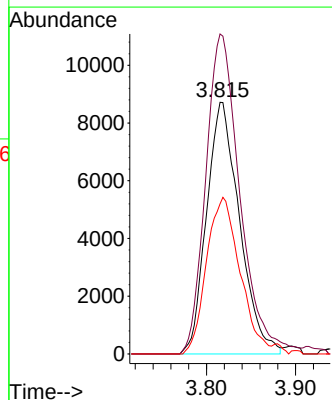
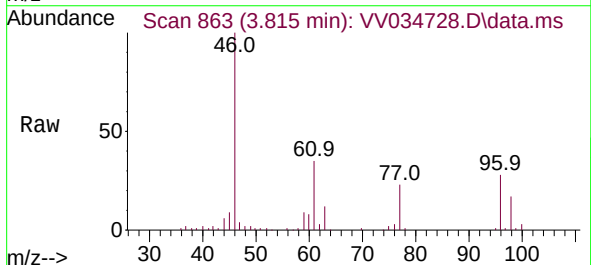
Instrument :
MSVOA_V
ClientSampleId :

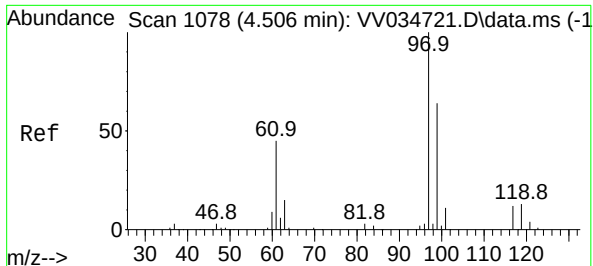
Tgt Ion: 63 Resp: 16298
Ion Ratio Lower Upper
63 100
65 27.4 22.1 41.1
83 14.3 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 9.571 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.006 min
Lab File: VV034728.D
Acq: 19 Mar 2024 12:24

Tgt Ion: 96 Resp: 22382
Ion Ratio Lower Upper
96 100
61 127.2 96.0 178.4
98 59.6 46.0 85.4





#30

1,1,1-Trichloroethane

Concen: 4.824 ug/L

RT: 4.516 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV034728.D

Acq: 19 Mar 2024 12:24

Instrument :

MSVOA_V

ClientSampleId :

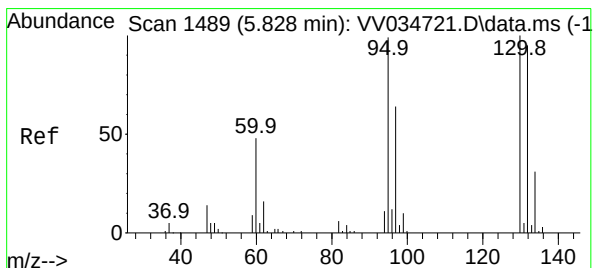
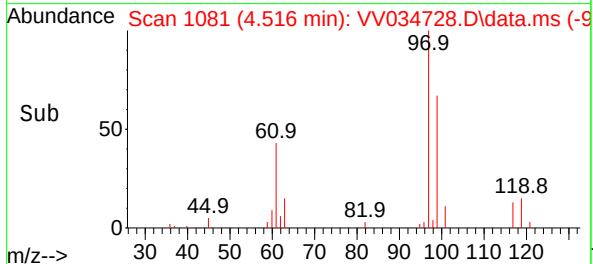
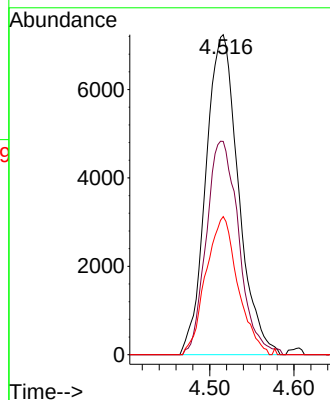
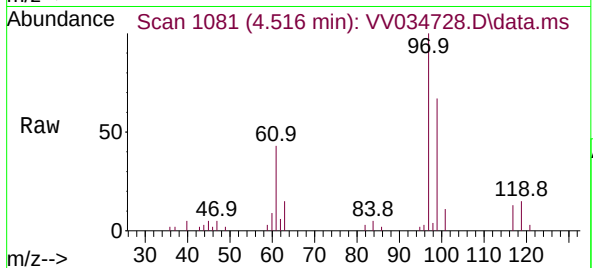
Tgt Ion: 97 Resp: 19476

Ion Ratio Lower Upper

97 100

99 66.1 51.3 76.9

61 42.3 36.0 54.0



#34

Trichloroethene

Concen: 15.077 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.006 min

Lab File: VV034728.D

Acq: 19 Mar 2024 12:24

Tgt Ion: 95 Resp: 37453

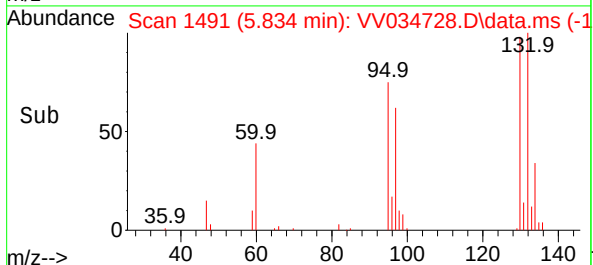
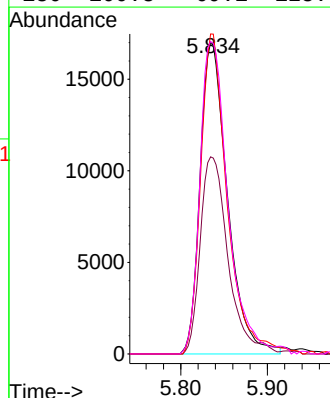
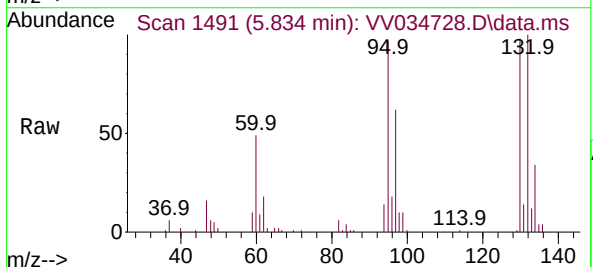
Ion Ratio Lower Upper

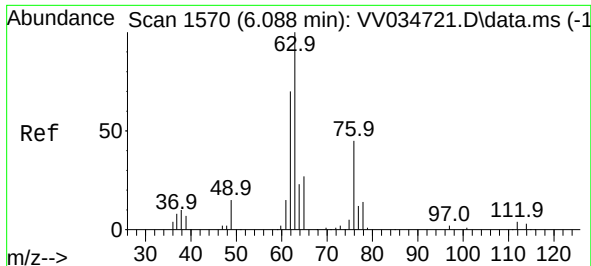
95 100

97 63.3 44.7 83.1

132 102.7 65.3 121.3

130 100.3 69.1 128.3

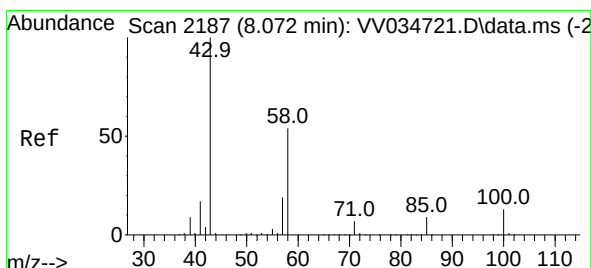
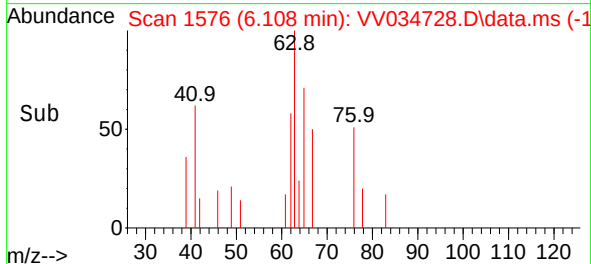
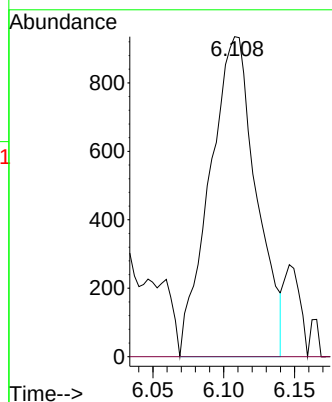
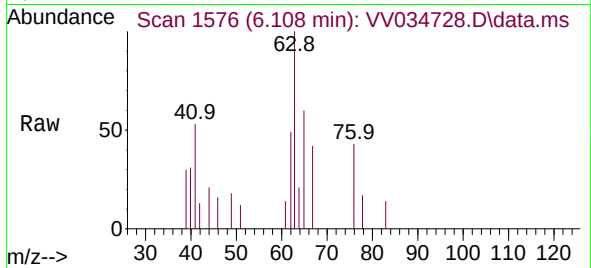




#37
1,2-Dichloropropane
Concen: 0.933 ug/L
RT: 6.108 min Scan# 11
Delta R.T. 0.019 min
Lab File: VV034728.D
Acq: 19 Mar 2024 12:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 2135
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#48
2-Hexanone
Concen: 4.611 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.016 min
Lab File: VV034728.D
Acq: 19 Mar 2024 12:24

Tgt Ion: 43 Resp: 12396
Ion Ratio Lower Upper
43 100
58 48.0 42.0 63.0
57 1.6 15.2 22.8#
100 3.8 10.0 15.0#

