

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
 Data File : VV028714.D
 Acq On : 27 Oct 2022 12:48
 Operator : SY/MD
 Sample : N5232-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA90

Quant Time: Oct 28 02:16:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

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

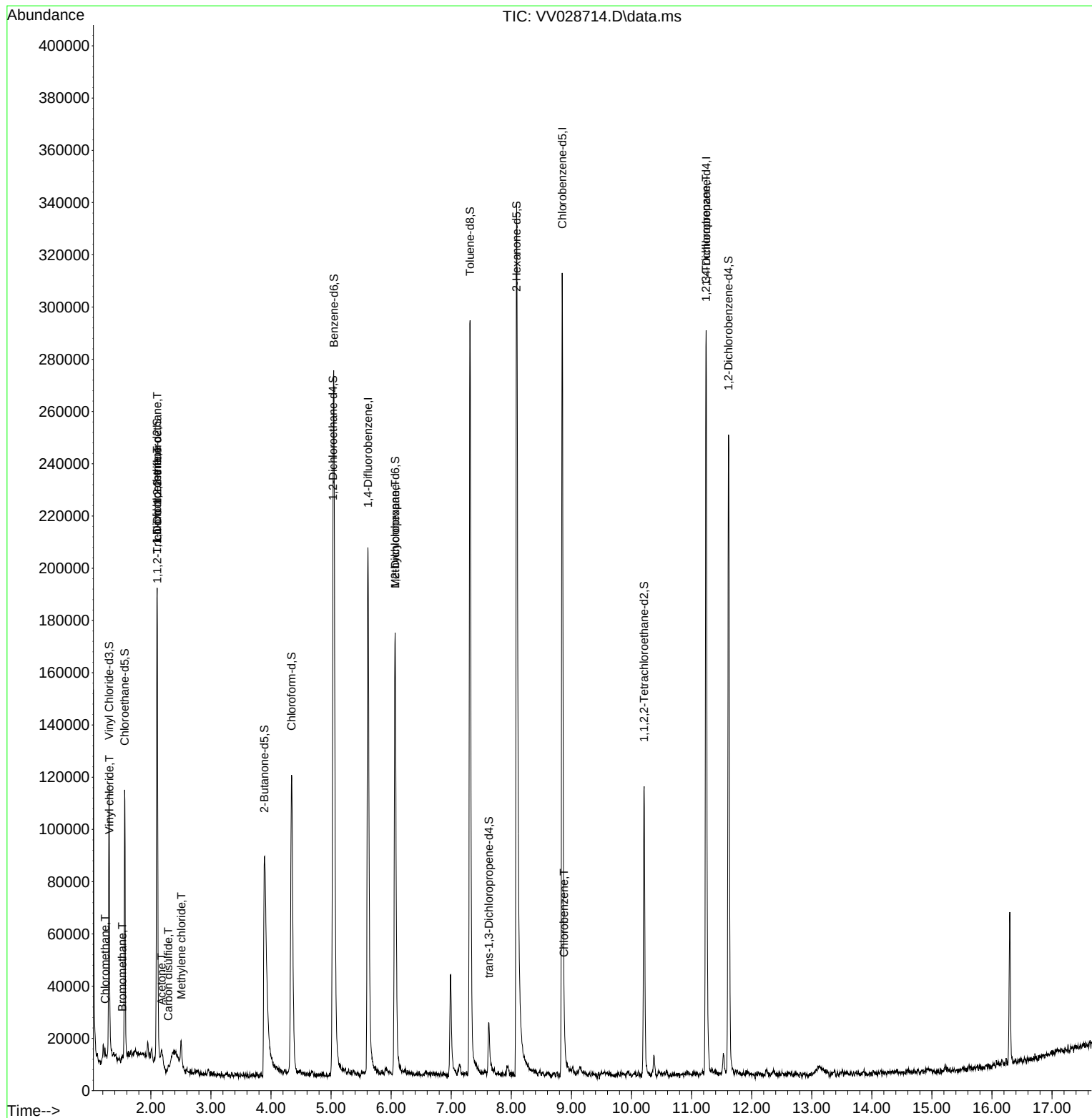
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	165415	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	156399	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	67116	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	72924	6.339	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 126.800%		
7) Chloroethane-d5	1.565	69	66679	6.855	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 137.000%#		
11) 1,1-Dichloroethene-d2	2.105	63	100833	4.531	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 90.600%		
20) 2-Butanone-d5	3.889	46	184616	70.377	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 140.760%#		
24) Chloroform-d	4.343	84	116947	5.854	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 117.000%		
26) 1,2-Dichloroethane-d4	5.031	65	64639	6.377	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 127.600%		
32) Benzene-d6	5.047	84	234760	5.613	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 112.200%		
36) 1,2-Dichloropropane-d6	6.066	67	83387	6.298	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 126.000%		
41) Toluene-d8	7.314	98	188190	5.766	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 115.400%		
43) trans-1,3-Dichloroprop...	7.625	79	11937	2.902	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 58.000%		
46) 2-Hexanone-d5	8.088	63	114606	59.854	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 119.700%		
56) 1,1,2,2-Tetrachloroeth...	10.211	84	54334	6.188	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 123.800%#		
66) 1,2-Dichlorobenzene-d4	11.616	152	58345	6.302	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 126.000%#		
Target Compounds						Qvalue
3) Chloromethane	1.237	50	2504	0.192	ug/L #	73
5) Vinyl chloride	1.311	62	760	0.059	ug/L #	1
6) Bromomethane	1.523	94	1379	0.223	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	956	0.093	ug/L #	31
12) 1,1-Dichloroethene	2.102	96	967	0.106	ug/L #	1
13) Acetone	2.179	43	9759	6.268	ug/L	90
14) Carbon disulfide	2.291	76	2275	0.108	ug/L #	84
16) Methylene chloride	2.507	84	3236	0.258	ug/L	99
35) Methylcyclohexane	6.066	83	17475	1.092	ug/L #	16
51) Chlorobenzene	8.879	112	3559	0.128	ug/L	92
61) 1,2,3-Trichloropropane	11.239	75	11489	1.994	ug/L #	72

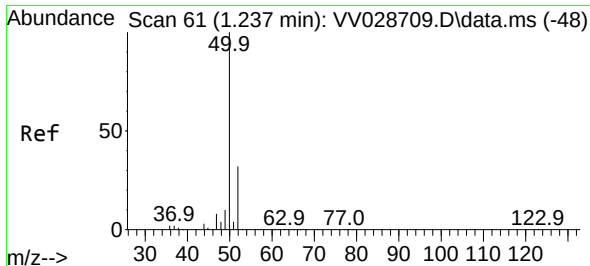
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028714.D
Acq On : 27 Oct 2022 12:48
Operator : SY/MD
Sample : N5232-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA90

Quant Time: Oct 28 02:16:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 02:13:29 2022
Response via : Initial Calibration

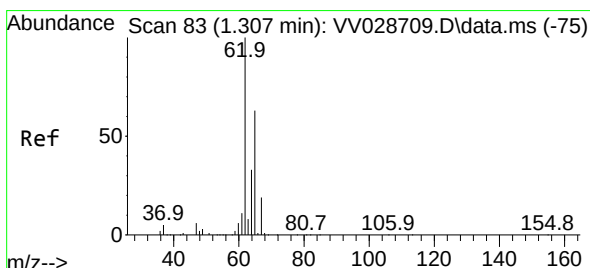
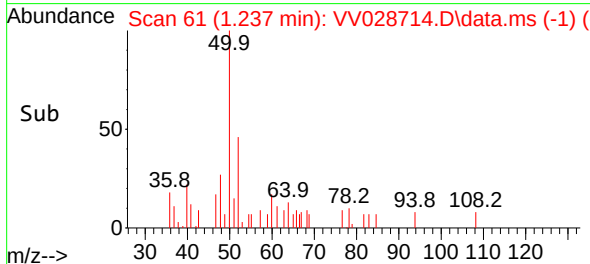
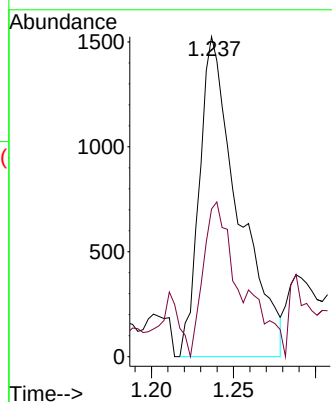
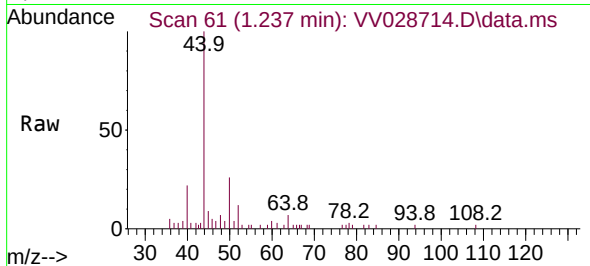




#3
Chloromethane
Concen: 0.192 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028714.D
Acq: 27 Oct 2022 12:48

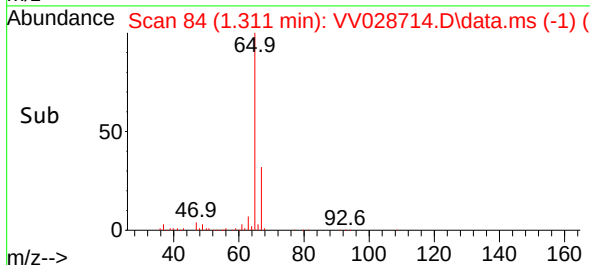
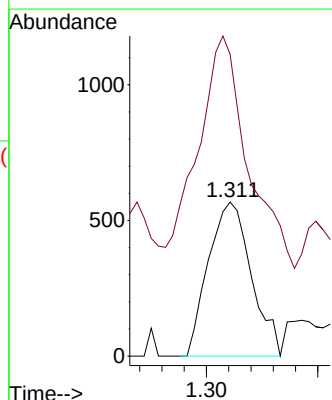
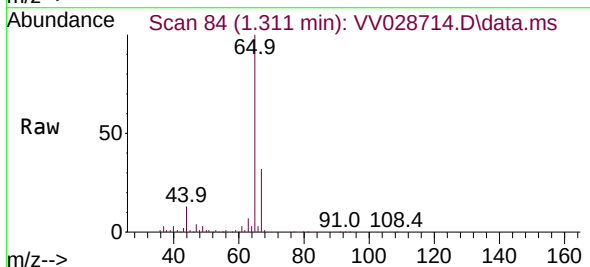
Instrument :
MSVOA_V
ClientSampleId :
BHA90

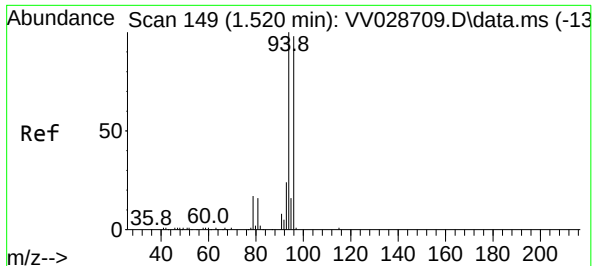
Tgt Ion: 50 Resp: 2504
Ion Ratio Lower Upper
50 100
52 46.2 21.8 40.6#



#5
Vinyl chloride
Concen: 0.059 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV028714.D
Acq: 27 Oct 2022 12:48

Tgt Ion: 62 Resp: 760
Ion Ratio Lower Upper
62 100
64 195.8 22.0 41.0#

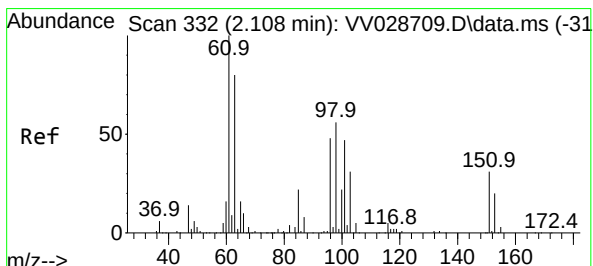
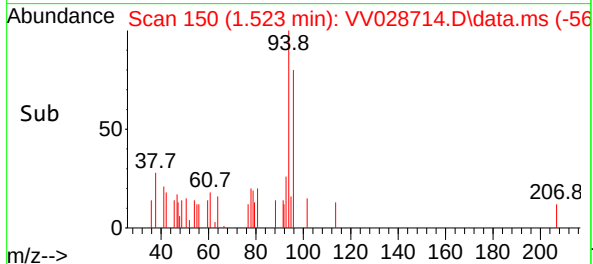
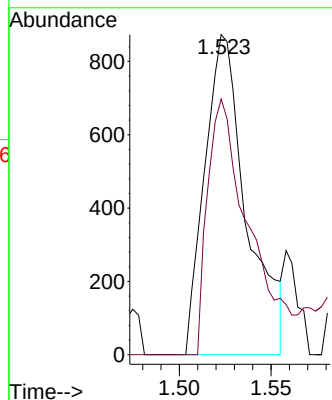
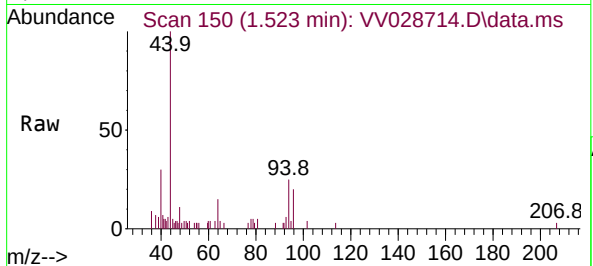




#6
Bromomethane
Concen: 0.223 ug/L
RT: 1.523 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV028714.D
Acq: 27 Oct 2022 12:48

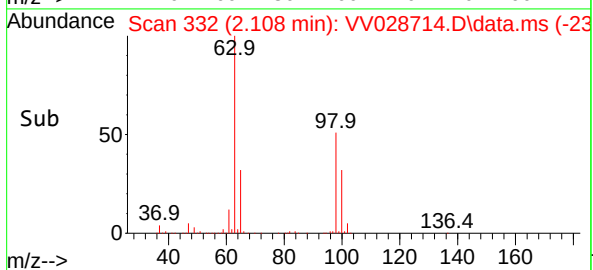
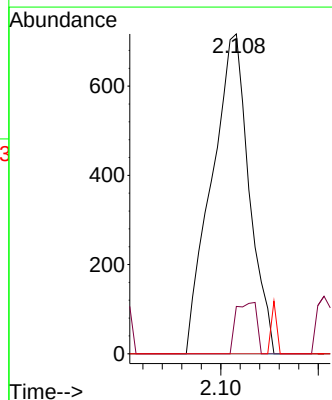
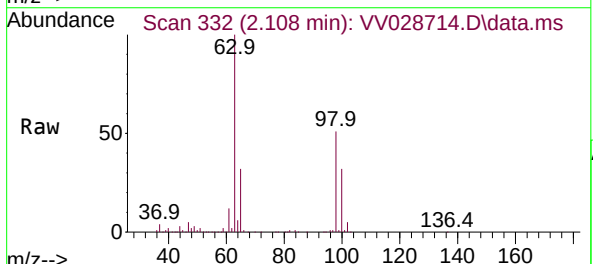
Instrument :
MSVOA_V
ClientSampleId :
BHA90

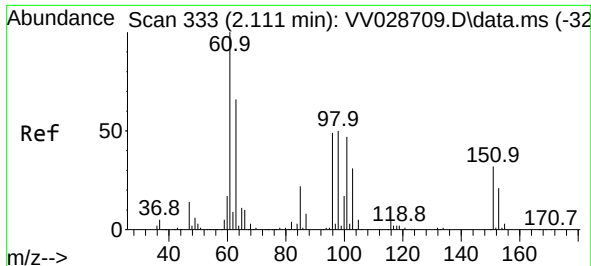
Tgt Ion: 94 Resp: 1379
Ion Ratio Lower Upper
94 100
96 79.8 64.3 119.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.093 ug/L
RT: 2.108 min Scan# 332
Delta R.T. 0.000 min
Lab File: VV028714.D
Acq: 27 Oct 2022 12:48

Tgt Ion: 101 Resp: 956
Ion Ratio Lower Upper
101 100
85 8.9 37.0 55.6#
151 2.4 50.2 75.2#





#12

1,1-Dichloroethene

Concen: 0.106 ug/L

RT: 2.102 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV028714.D

Acq: 27 Oct 2022 12:48

Instrument :

MSVOA_V

ClientSampleId :

BHA90

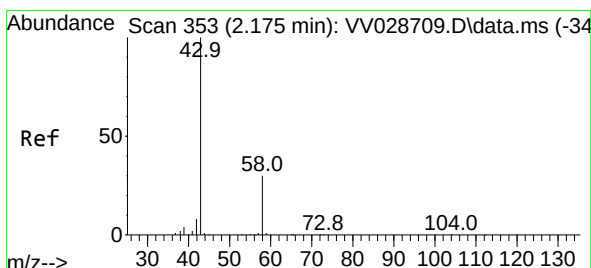
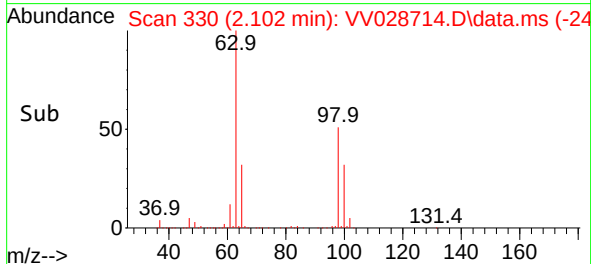
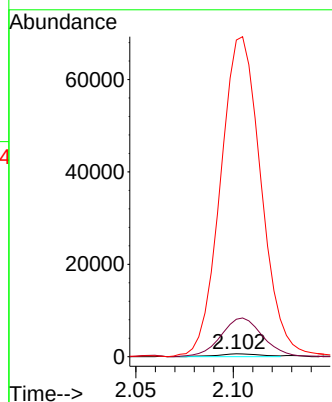
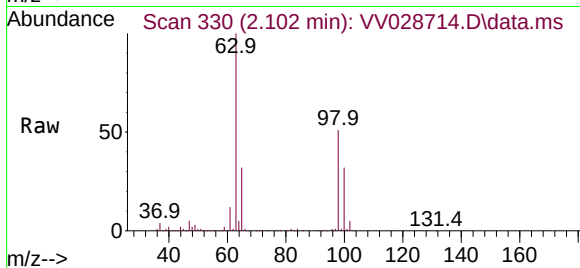
Tgt Ion: 96 Resp: 967

Ion Ratio Lower Upper

96 100

61 1306.9 148.1 275.1#

63 11056.8 133.3 247.7#



#13

Acetone

Concen: 6.268 ug/L

RT: 2.179 min Scan# 354

Delta R.T. 0.003 min

Lab File: VV028714.D

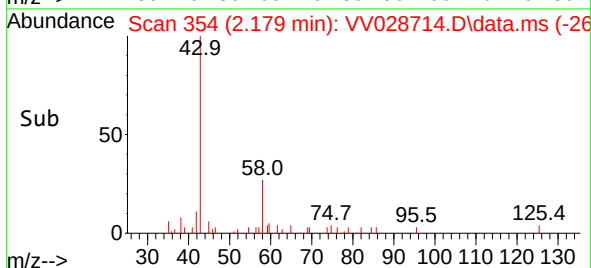
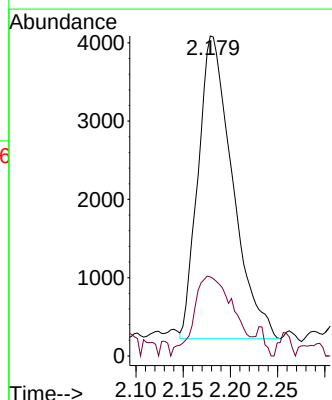
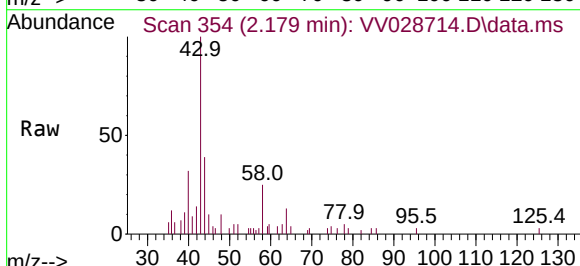
Acq: 27 Oct 2022 12:48

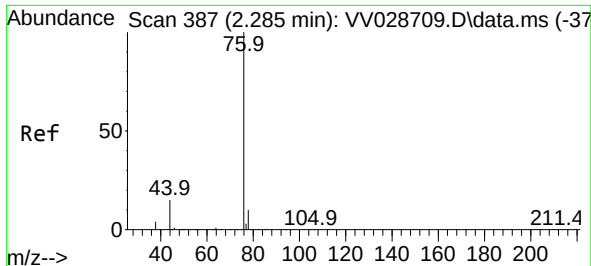
Tgt Ion: 43 Resp: 9759

Ion Ratio Lower Upper

43 100

58 29.9 0.0 50.2

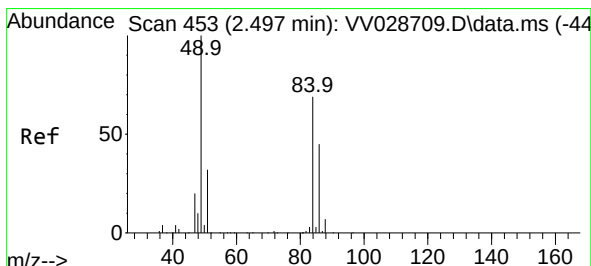
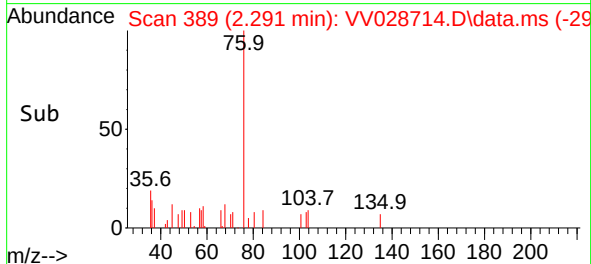
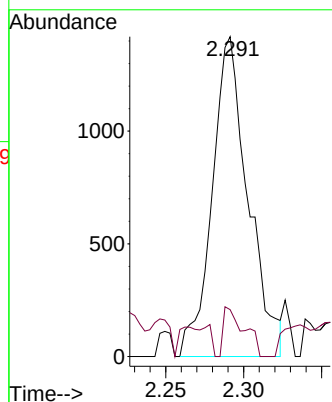
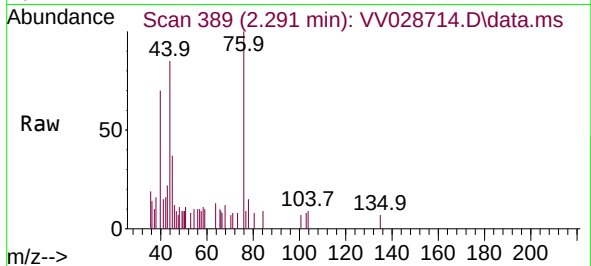




#14
Carbon disulfide
Concen: 0.108 ug/L
RT: 2.291 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV028714.D
Acq: 27 Oct 2022 12:48

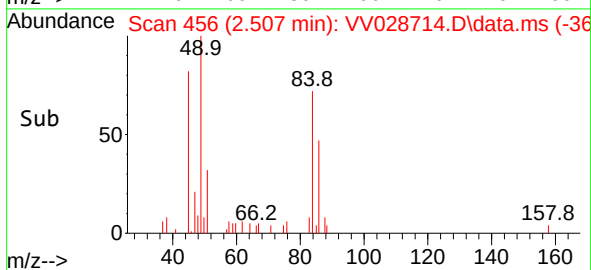
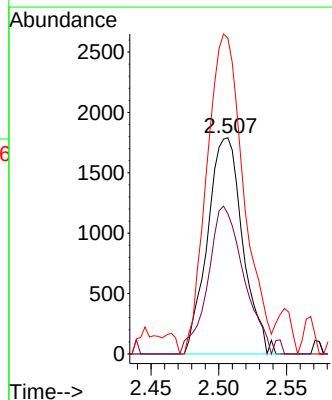
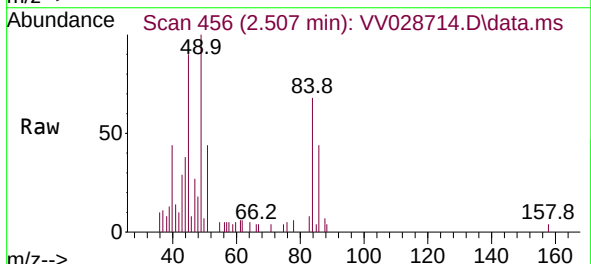
Instrument :
MSVOA_V
ClientSampleId :
BHA90

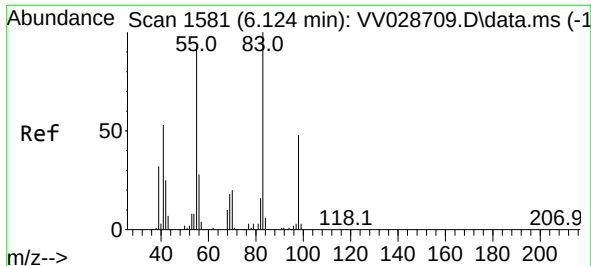
Tgt Ion: 76 Resp: 2275
Ion Ratio Lower Upper
76 100
78 14.7 7.1 10.7#



#16
Methylene chloride
Concen: 0.258 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.010 min
Lab File: VV028714.D
Acq: 27 Oct 2022 12:48

Tgt Ion: 84 Resp: 3236
Ion Ratio Lower Upper
84 100
86 64.9 44.4 82.4
49 156.9 110.8 205.8

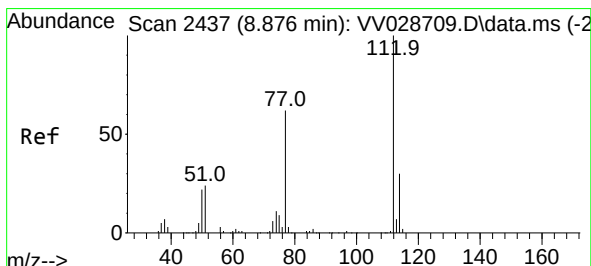
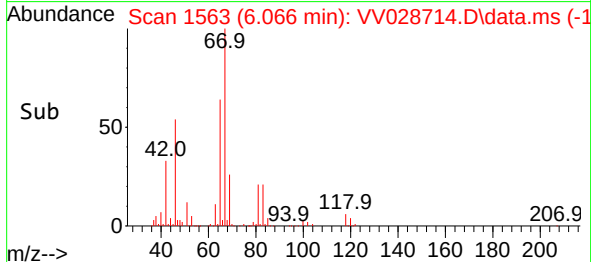
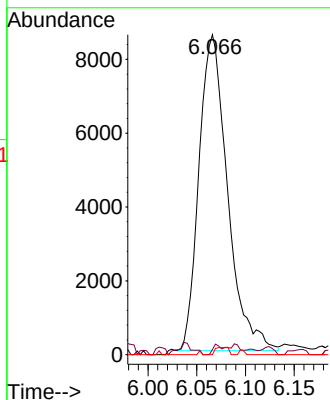
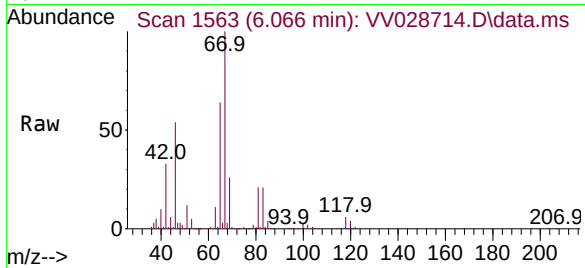




#35
Methylcyclohexane
Concen: 1.092 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV028714.D
Acq: 27 Oct 2022 12:48

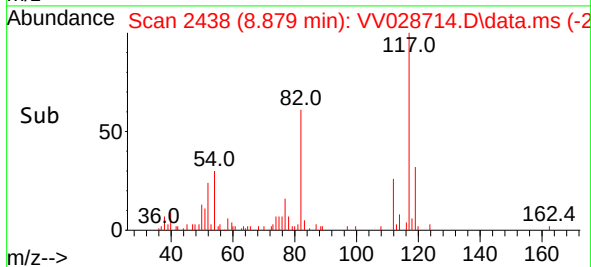
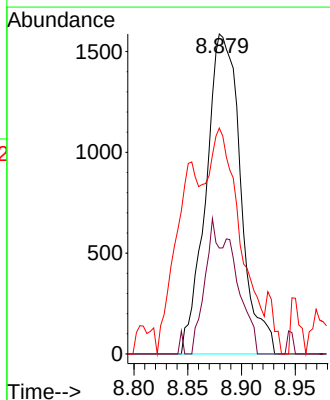
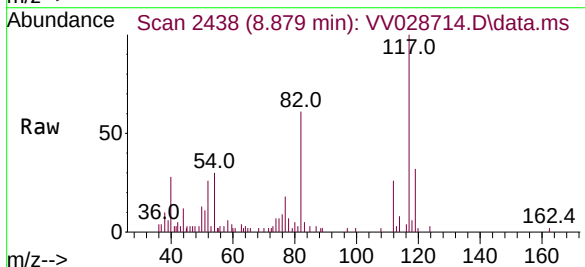
Instrument :
MSVOA_V
ClientSampleId :
BHA90

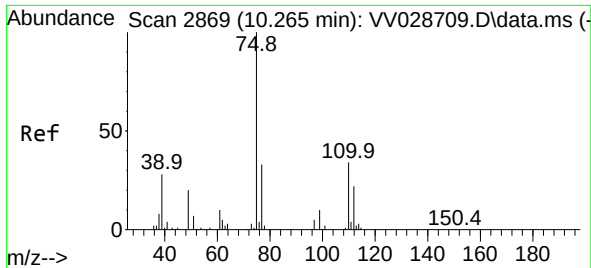
Tgt Ion: 83 Resp: 17475
Ion Ratio Lower Upper
83 100
55 1.1 70.0 105.0#
98 1.1 35.6 53.4#



#51
Chlorobenzene
Concen: 0.128 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV028714.D
Acq: 27 Oct 2022 12:48

Tgt Ion: 112 Resp: 3559
Ion Ratio Lower Upper
112 100
114 33.1 22.0 41.0
77 70.6 50.0 75.0





#61
 1,2,3-Trichloropropane
 Concen: 1.994 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV028714.D
 Acq: 27 Oct 2022 12:48

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA90

Tgt Ion: 75 Resp: 11489
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8
 110 3.9 27.9 41.9#

