

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023028.D
 Acq On : 26 Oct 2021 10:39
 Operator : SY/MD
 Sample : VU1026WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 01:30:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 01:29:33 2021
 Response via : Initial Calibration

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

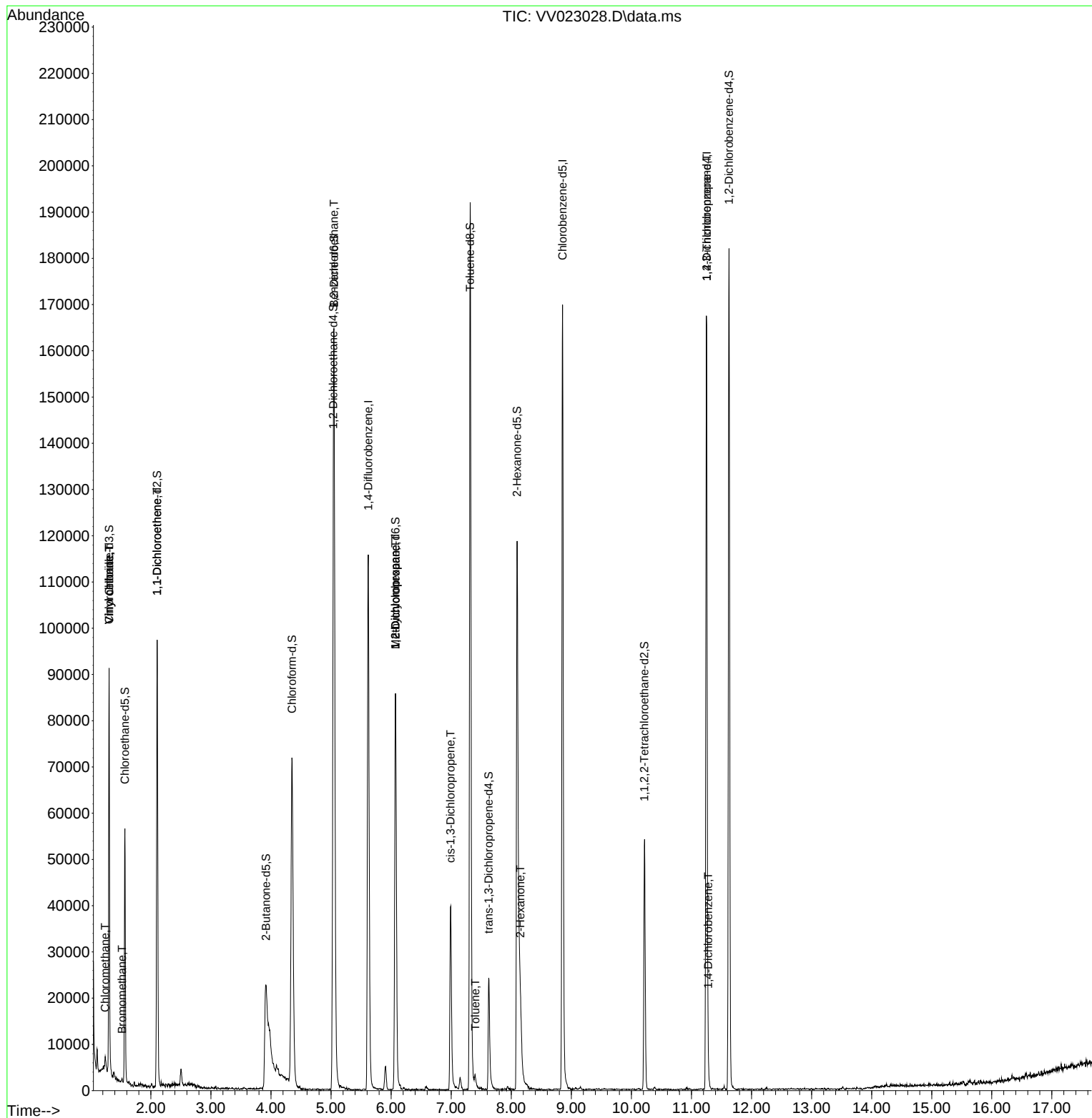
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	101487	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99280	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	46665	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	53357	6.017	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.400%
7) Chloroethane-d5	1.568	69	34323	6.257	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	125.200%
11) 1,1-Dichloroethene-d2	2.105	63	47849	3.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.918	46	48600	34.163	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.320%
24) Chloroform-d	4.349	84	71454	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.037	65	35173	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.050	84	142149	4.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.072	67	39453	4.422	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.317	98	127621	4.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	7.625	79	15048	4.813	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.098	63	48720	42.092	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24603	3.993	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	49021	5.888	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1970	0.283	ug/L	93
5) Vinyl chloride	1.304	62	322	0.045	ug/L #	1
6) Bromomethane	1.520	94	259	0.071	ug/L #	60
8) Chloroethane	1.304	64	935	0.249	ug/L #	1
12) 1,1-Dichloroethene	2.105	96	458	0.088	ug/L #	1
27) 1,2-Dichloroethane	5.050	62	908	0.128	ug/L #	72
35) Methylcyclohexane	6.072	83	10256	1.067	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5081	0.755	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1125	0.134	ug/L #	83
42) Toluene	7.400	91	2228	0.082	ug/L	99
48) 2-Hexanone	8.149	43	6089	2.587	ug/L #	83
61) 1,2,3-Trichloropropane	11.252	75	5324	1.621	ug/L #	65
65) 1,4-Dichlorobenzene	11.278	146	1768	0.140	ug/L	95

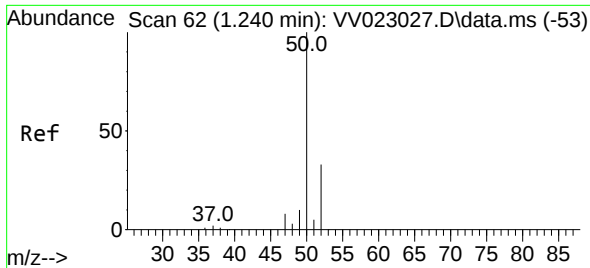
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

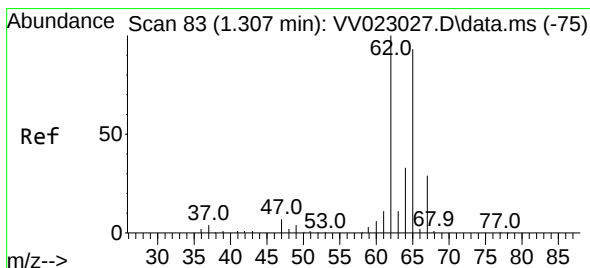
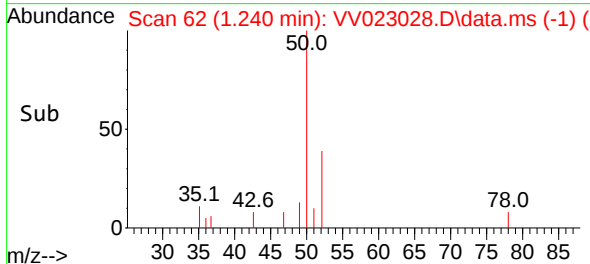
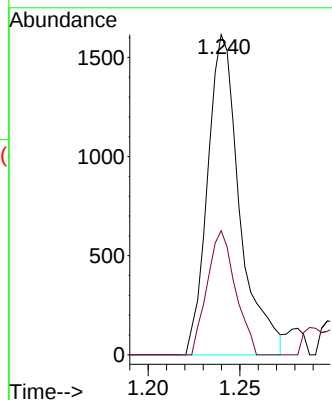
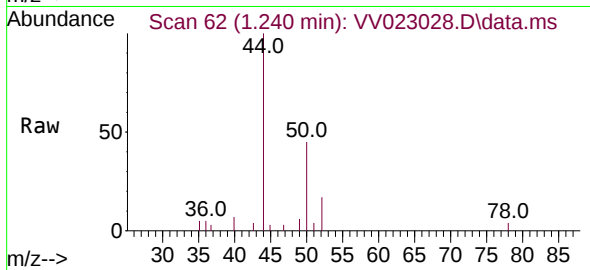




#3
Chloromethane
Concen: 0.283 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023028.D
Acq: 26 Oct 2021 10:39

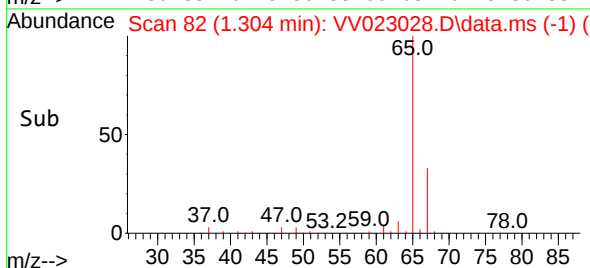
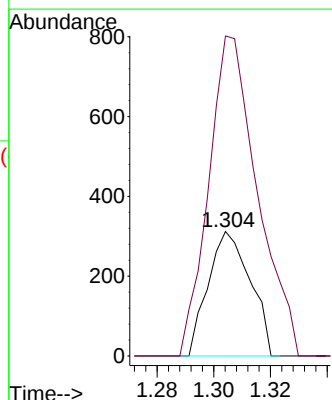
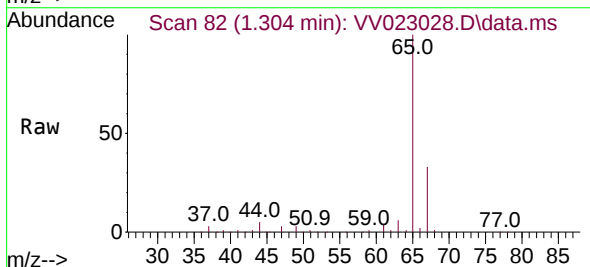
Instrument :
MSVOA_V
ClientSampleId :

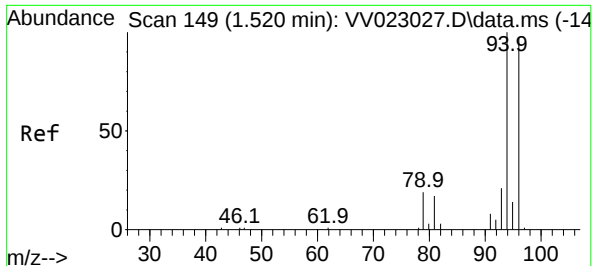
Tgt Ion: 50 Resp: 1970
Ion Ratio Lower Upper
50 100
52 38.8 24.3 45.1



#5
Vinyl chloride
Concen: 0.045 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.003 min
Lab File: VV023028.D
Acq: 26 Oct 2021 10:39

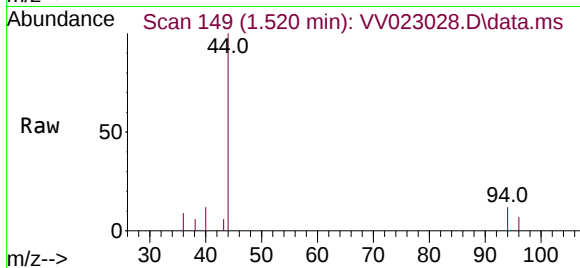
Tgt Ion: 62 Resp: 322
Ion Ratio Lower Upper
62 100
64 257.1 23.1 42.9#



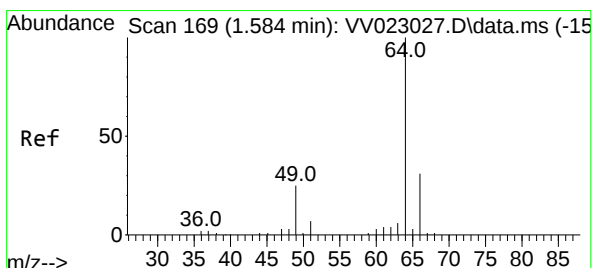
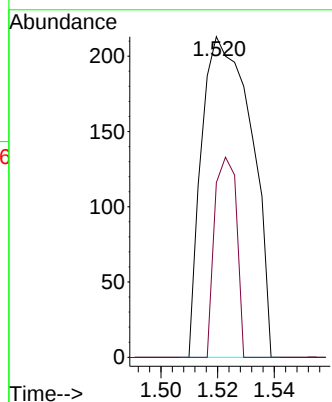
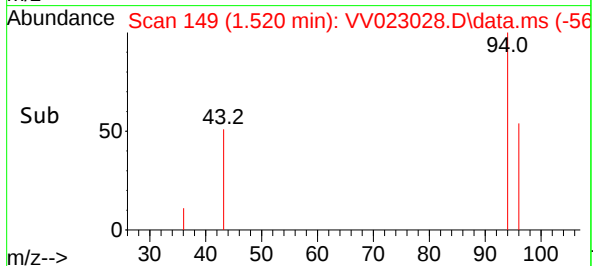


#6
Bromomethane
Concen: 0.071 ug/L
RT: 1.520 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV023028.D
Acq: 26 Oct 2021 10:39

Instrument :
MSVOA_V
ClientSampleId :

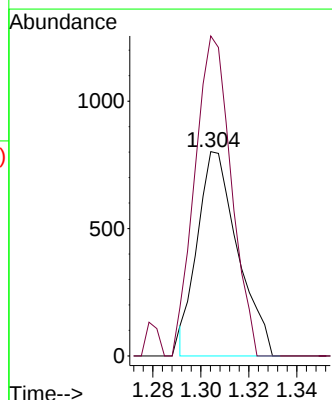
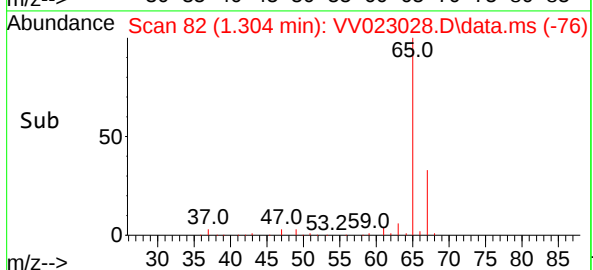
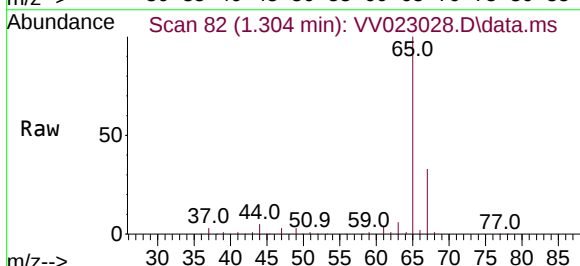


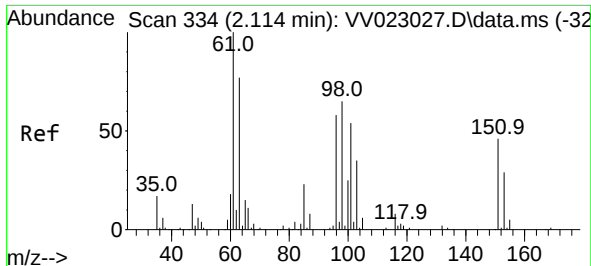
Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 54.5 65.0 120.8#



#8
Chloroethane
Concen: 0.249 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.280 min
Lab File: VV023028.D
Acq: 26 Oct 2021 10:39

Tgt Ion: 64 Resp: 935
Ion Ratio Lower Upper
64 100
66 156.6 22.1 41.1#

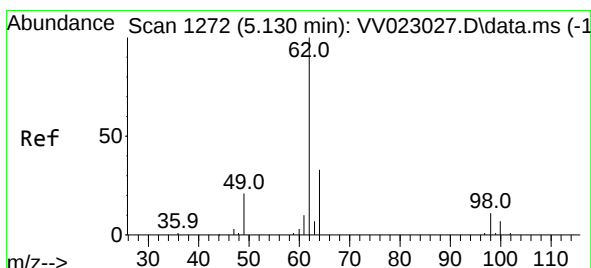
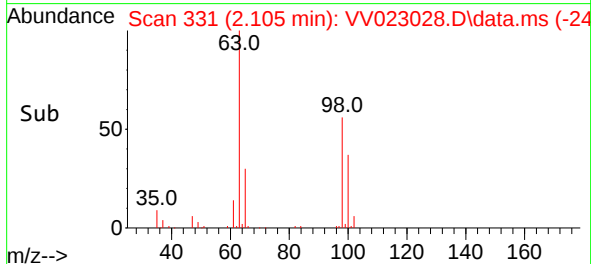
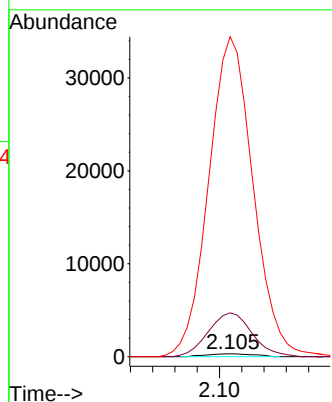
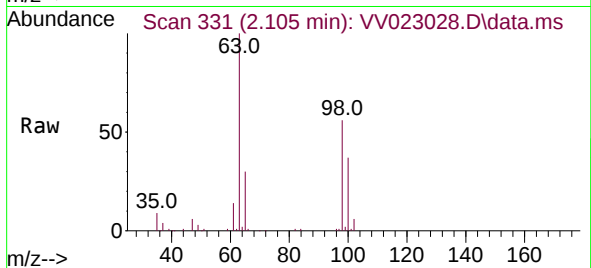




#12
1,1-Dichloroethene
Concen: 0.088 ug/L
RT: 2.105 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV023028.D
Acq: 26 Oct 2021 10:39

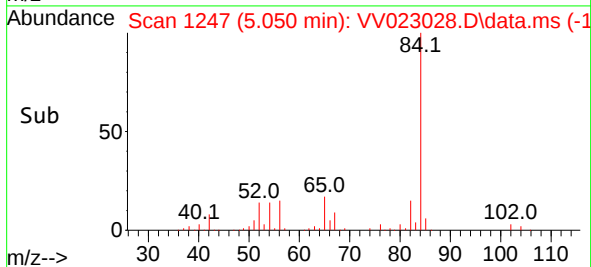
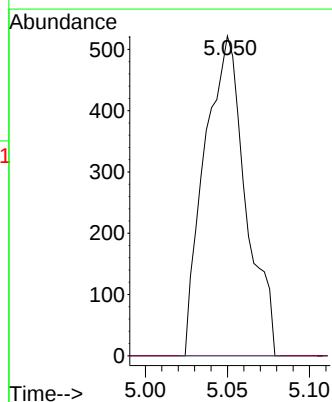
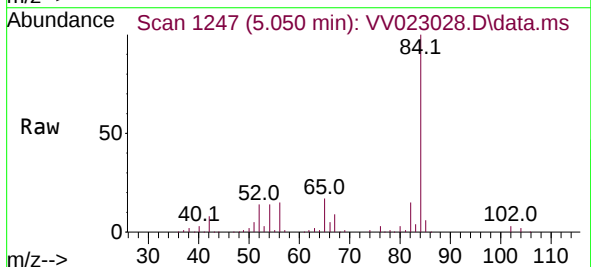
Instrument :
MSVOA_V
ClientSampleId :

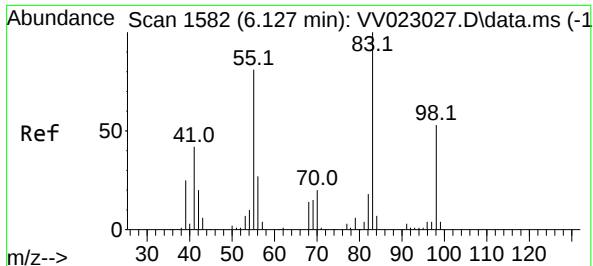
Tgt Ion: 96 Resp: 458
Ion Ratio Lower Upper
96 100
61 1531.5 121.5 225.7#
63 11181.8 99.6 185.0#



#27
1,2-Dichloroethane
Concen: 0.128 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV023028.D
Acq: 26 Oct 2021 10:39

Tgt Ion: 62 Resp: 908
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#





#35

Methylcyclohexane

Concen: 1.067 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023028.D

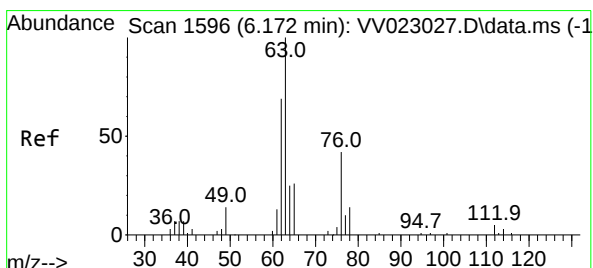
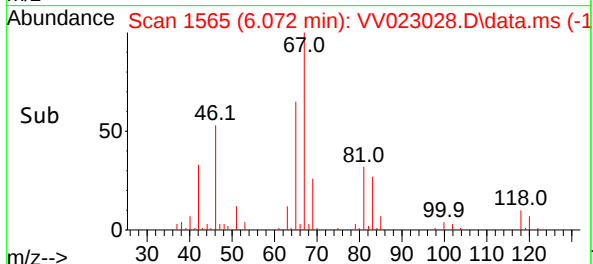
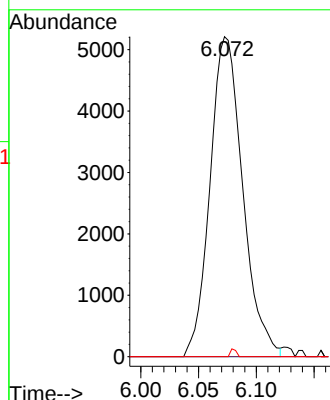
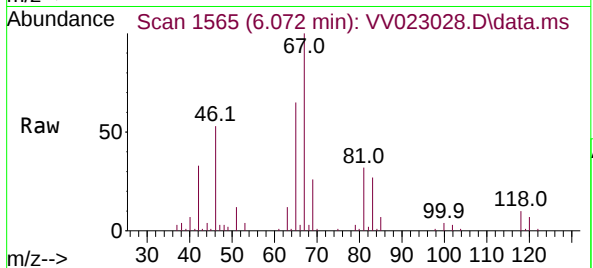
Acq: 26 Oct 2021 10:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 10256
Ion Ratio	Lower Upper
83 100	
55 0.0	62.8 94.2#
98 0.4	37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.755 ug/L

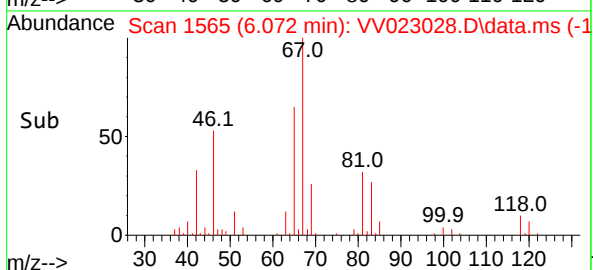
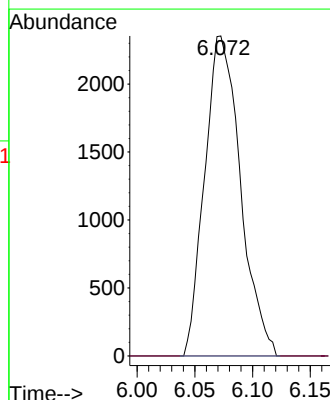
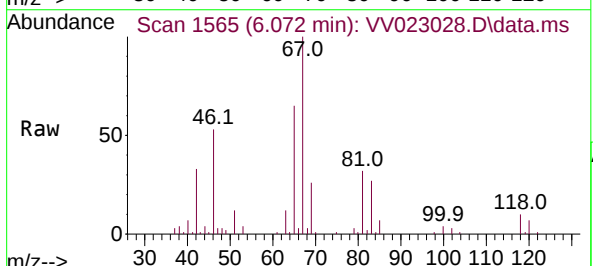
RT: 6.072 min Scan# 1565

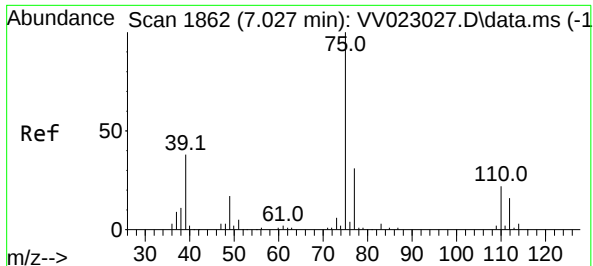
Delta R.T. -0.100 min

Lab File: VV023028.D

Acq: 26 Oct 2021 10:39

Tgt Ion: 63	Resp: 5081
Ion Ratio	Lower Upper
63 100	
112 0.0	4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.134 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV023028.D

Acq: 26 Oct 2021 10:39

Instrument :

MSVOA_V

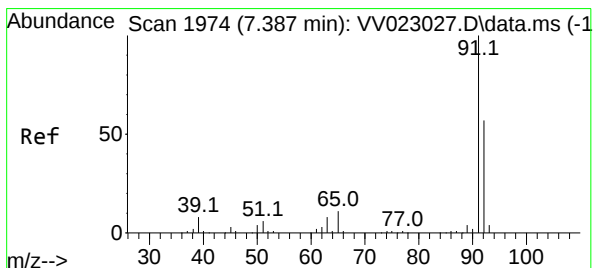
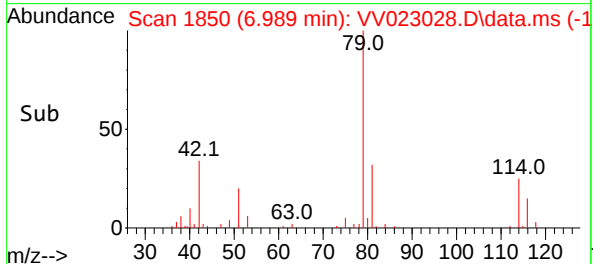
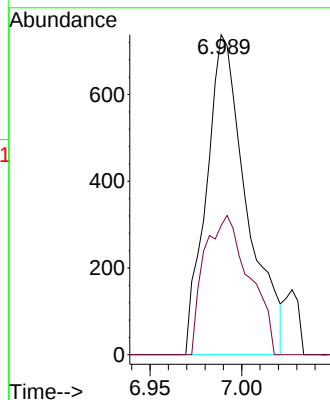
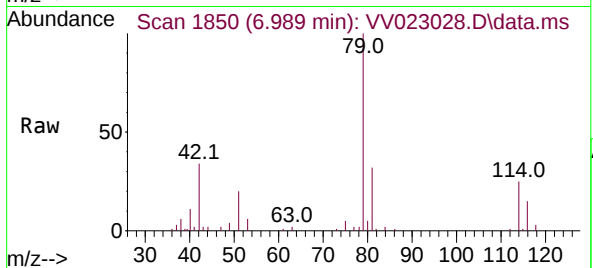
ClientSampleId :

Tgt Ion: 75 Resp: 1125

Ion Ratio Lower Upper

75 100

77 40.4 21.6 40.2#



#42

Toluene

Concen: 0.082 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023028.D

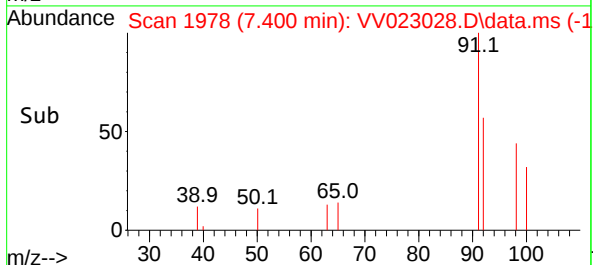
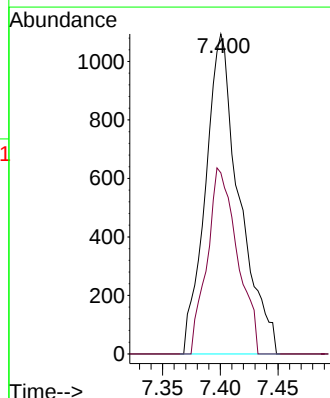
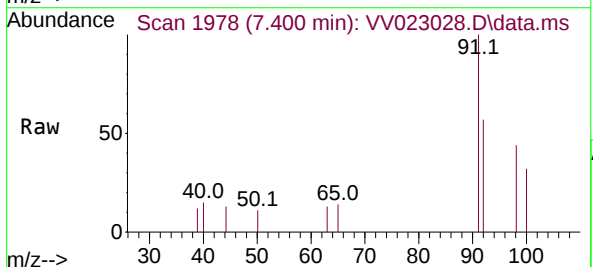
Acq: 26 Oct 2021 10:39

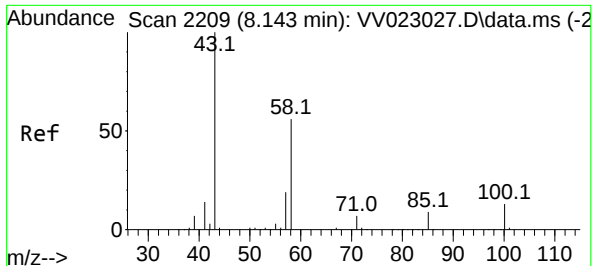
Tgt Ion: 91 Resp: 2228

Ion Ratio Lower Upper

91 100

92 56.6 39.3 72.9

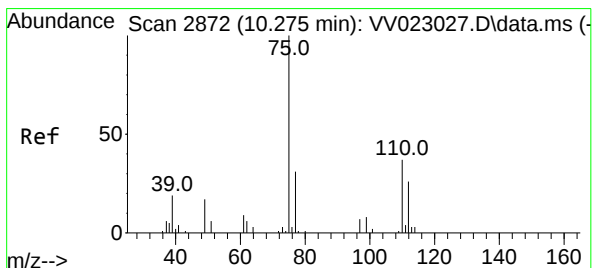
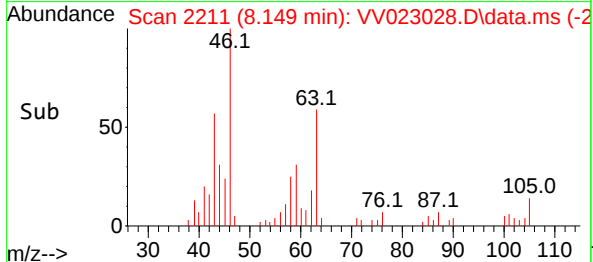
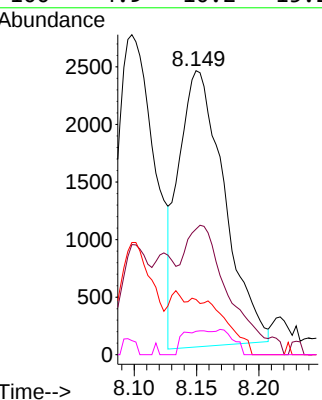
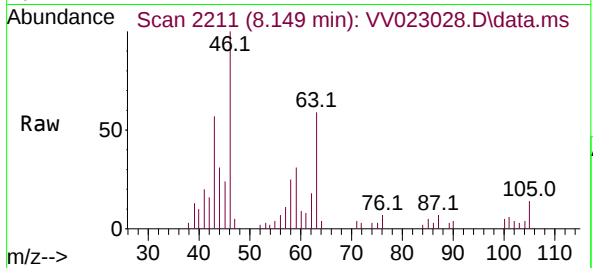




#48
2-Hexanone
Concen: 2.587 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VV023028.D
Acq: 26 Oct 2021 10:39

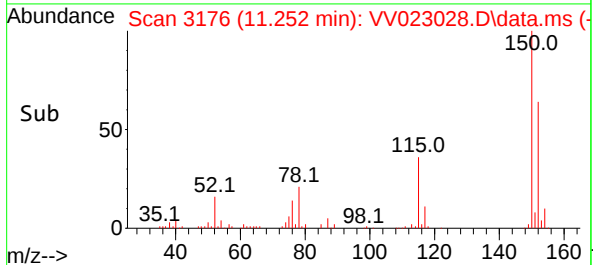
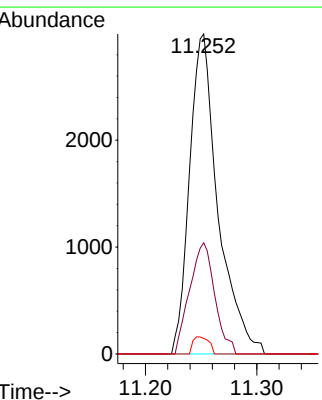
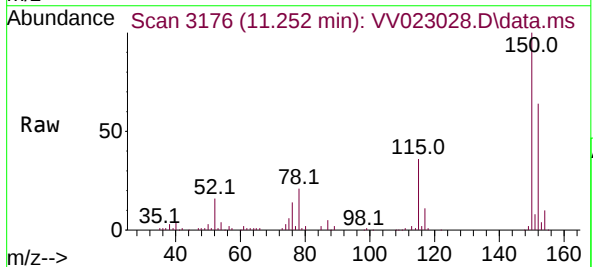
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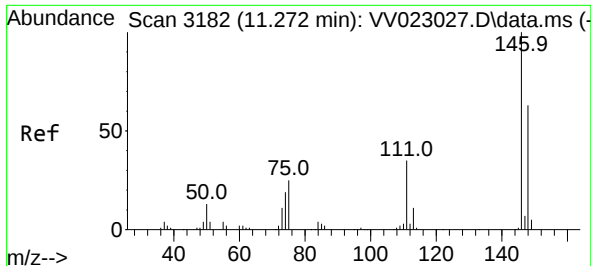
Tgt Ion: 43	Resp: 6089
Ion Ratio	Lower Upper
43 100	
58 47.3	43.7 65.5
57 2.5	14.1 21.1#
100 4.9	10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.621 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV023028.D
Acq: 26 Oct 2021 10:39

Tgt Ion: 75	Resp: 5324
Ion Ratio	Lower Upper
75 100	
77 30.6	26.6 39.8
110 3.0	31.8 47.6#





#65

1,4-Dichlorobenzene

Concen: 0.140 ug/L

RT: 11.278 min Scan# 31

Delta R.T. 0.006 min

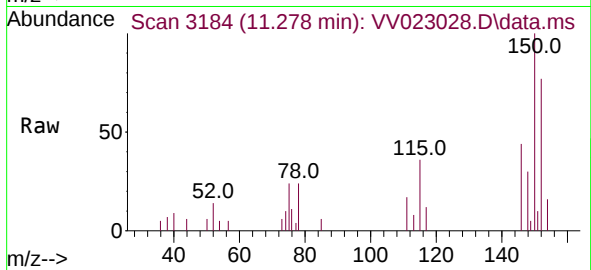
Lab File: VV023028.D

Acq: 26 Oct 2021 10:39

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:146 Resp: 1768

Ion Ratio Lower Upper

146 100

111 38.5 26.2 48.8

148 68.4 44.4 82.5

