

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028309.D
 Acq On : 04 Oct 2022 03:41
 Operator : SY/MD
 Sample : N4866-22
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 06:18:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

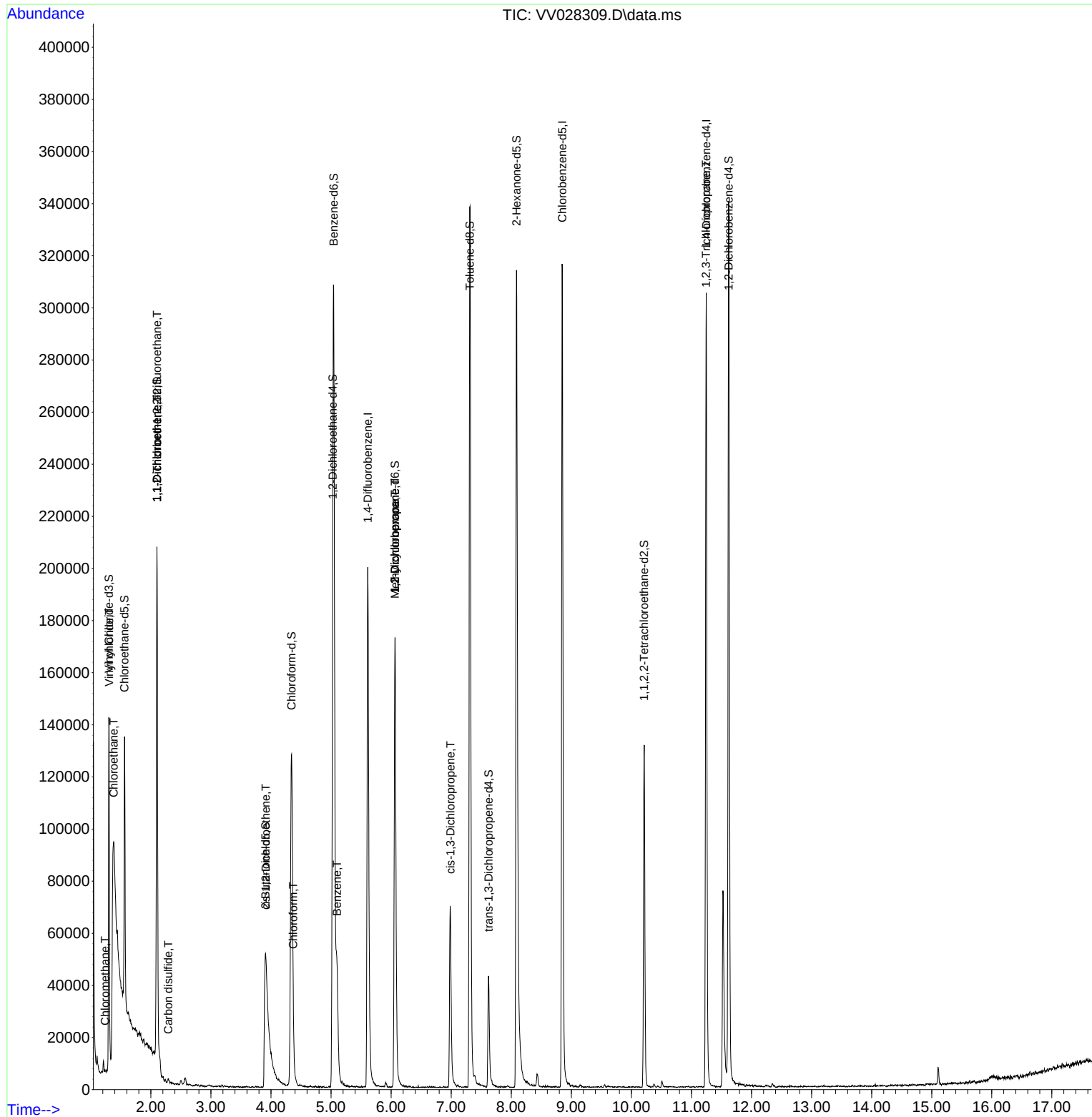
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	183723	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	189067	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	88471	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	72494	5.251	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.000%
7) Chloroethane-d5	1.561	69	64688	5.535	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.800%
11) 1,1-Dichloroethene-d2	2.101	63	101122	3.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	3.908	46	140686	60.233	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.460%
24) Chloroform-d	4.343	84	143446	5.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.800%
26) 1,2-Dichloroethane-d4	5.027	65	69195	5.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.400%
32) Benzene-d6	5.043	84	294048	5.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.400%
36) 1,2-Dichloropropane-d6	6.066	67	88436	5.944	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.800%
41) Toluene-d8	7.310	98	242503	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	7.622	79	26733	4.718	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.088	63	128000	55.187	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	65432	5.802	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	94104	6.181	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.600%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	597	0.043	ug/L #	75
5) Vinyl chloride	1.304	62	13644	0.865	ug/L #	65
8) Chloroethane	1.381	64	328260	31.232	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1188	0.090	ug/L #	21
12) 1,1-Dichloroethene	2.101	96	1102	0.084	ug/L #	1
14) Carbon disulfide	2.288	76	2445	0.060	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	3455	0.250	ug/L	93
25) Chloroform	4.371	83	4378	0.171	ug/L	96
33) Benzene	5.098	78	48845	0.868	ug/L	100
35) Methylcyclohexane	6.063	83	22243	0.967	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	9343	0.717	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	1672	0.090	ug/L #	63
61) 1,2,3-Trichloropropane	11.243	75	8606	1.261	ug/L #	68

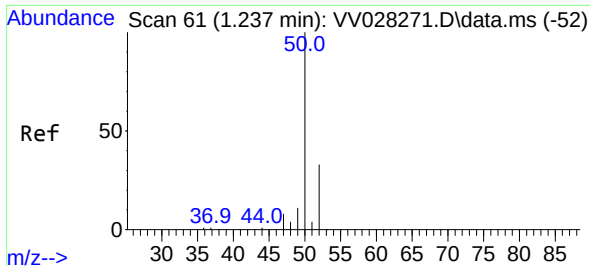
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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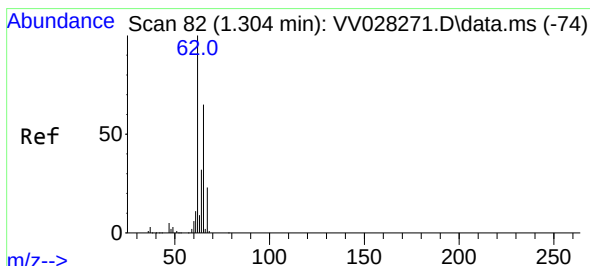
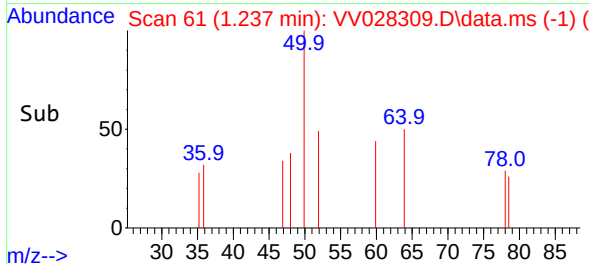
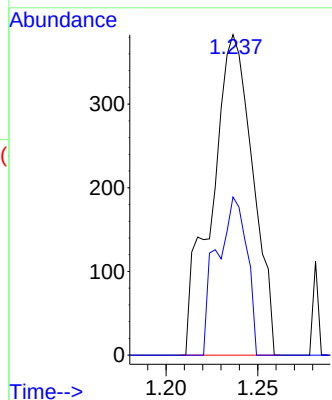
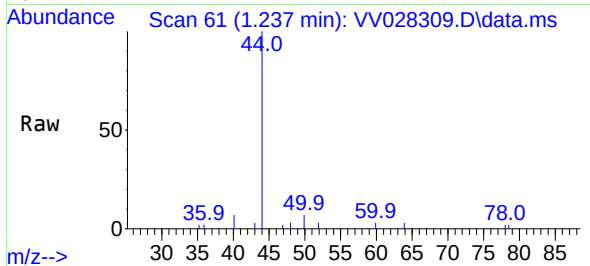




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028309.D
Acq: 04 Oct 2022 03:41

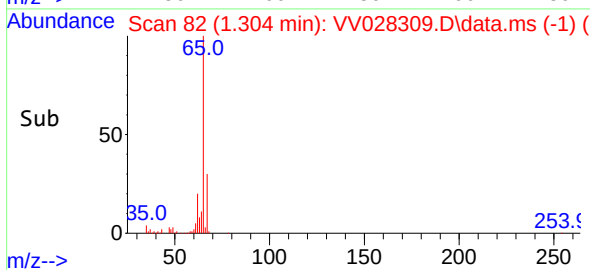
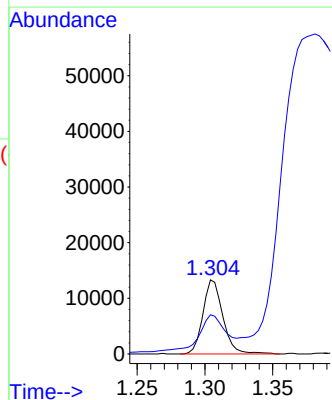
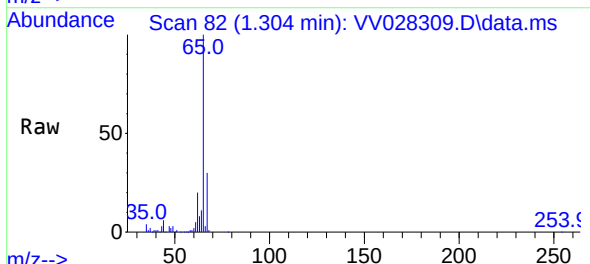
Instrument :
MSVOA_V
ClientSampleId :

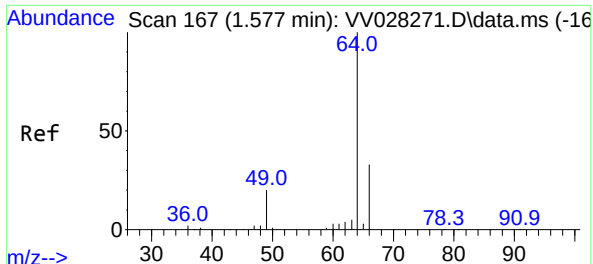
Tgt Ion: 50 Resp: 597
Ion Ratio Lower Upper
50 100
52 49.3 24.4 45.2#



#5
Vinyl chloride
Concen: 0.865 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028309.D
Acq: 04 Oct 2022 03:41

Tgt Ion: 62 Resp: 13644
Ion Ratio Lower Upper
62 100
64 52.8 23.0 42.8#

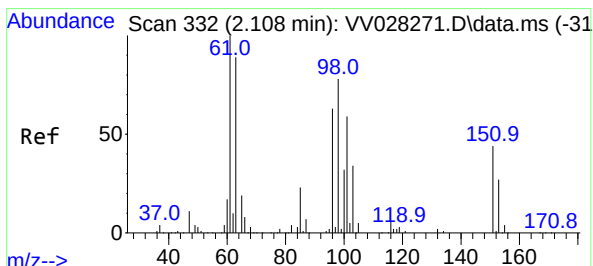
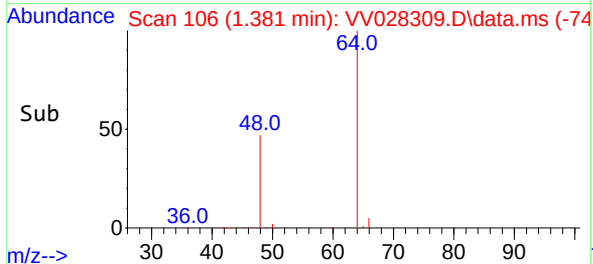
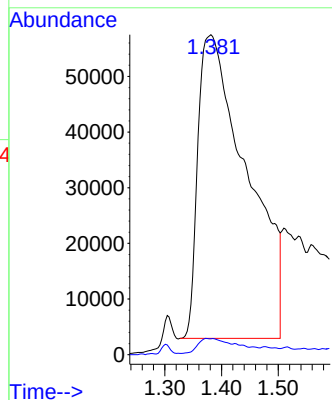
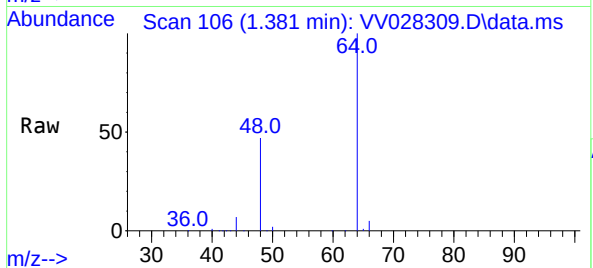




#8
Chloroethane
Concen: 31.232 ug/L
RT: 1.381 min Scan# 106
Delta R.T. -0.196 min
Lab File: VV028309.D
Acq: 04 Oct 2022 03:41

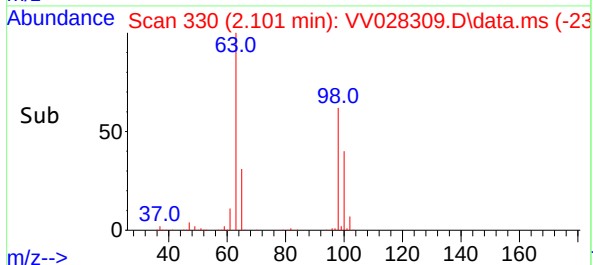
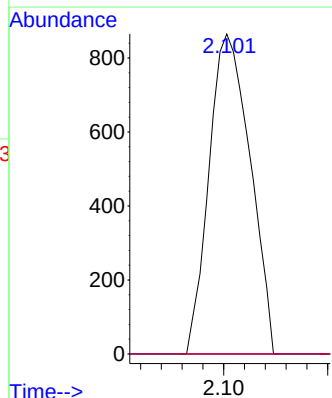
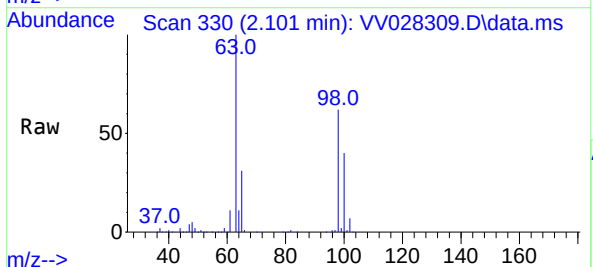
Instrument :
MSVOA_V
ClientSampleId :

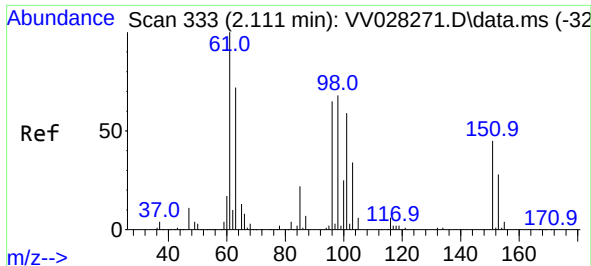
Tgt Ion: 64 Resp: 328260
Ion Ratio Lower Upper
64 100
66 5.0 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.006 min
Lab File: VV028309.D
Acq: 04 Oct 2022 03:41

Tgt Ion:101 Resp: 1188
Ion Ratio Lower Upper
101 100
85 3.6 34.4 51.6#
151 0.0 61.1 91.7#





#12

1,1-Dichloroethene

Concen: 0.084 ug/L

RT: 2.101 min Scan# 31

Delta R.T. -0.010 min

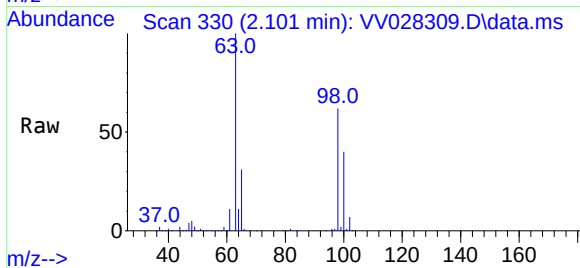
Lab File: VV028309.D

Acq: 04 Oct 2022 03:41

Instrument :

MSVOA_V

ClientSampleId :



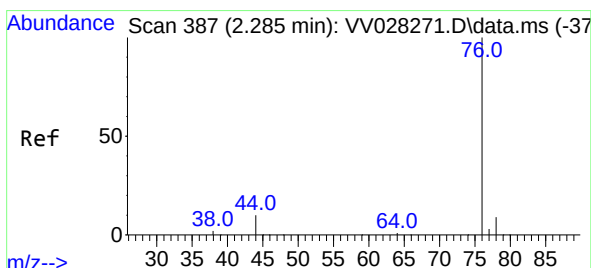
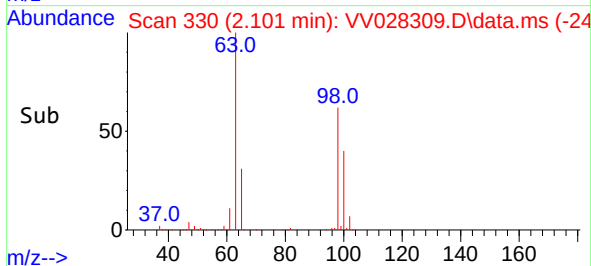
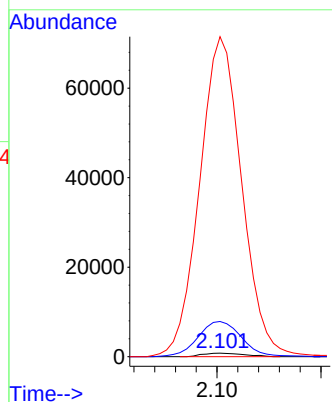
Tgt Ion: 96 Resp: 1102

Ion Ratio Lower Upper

96 100

61 1002.7 128.3 238.3#

63 9132.1 112.7 209.3#



#14

Carbon disulfide

Concen: 0.060 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV028309.D

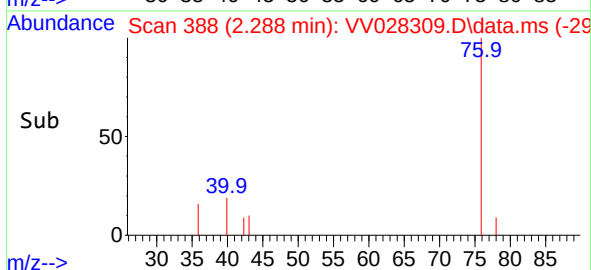
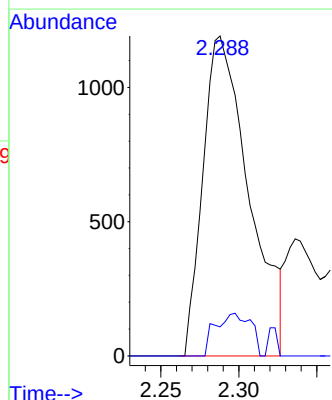
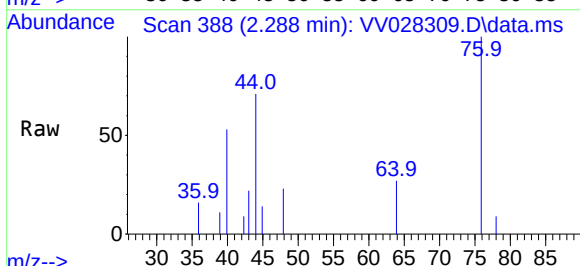
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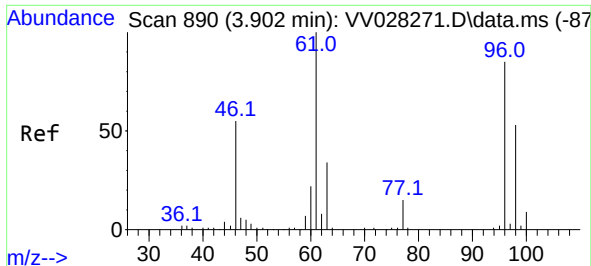
Tgt Ion: 76 Resp: 2445

Ion Ratio Lower Upper

76 100

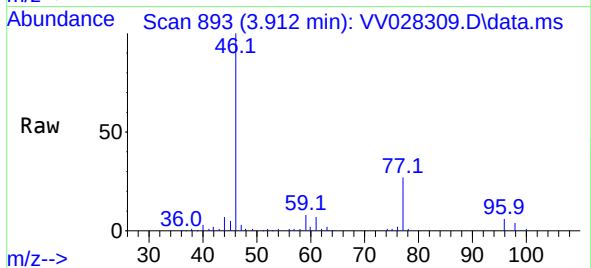
78 9.1 7.6 11.4



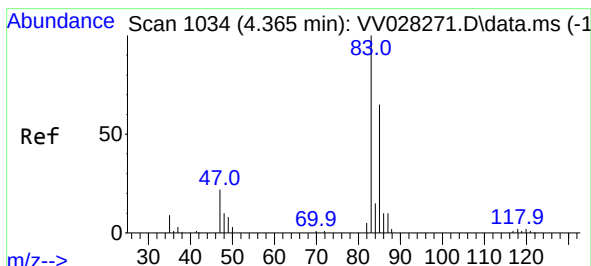
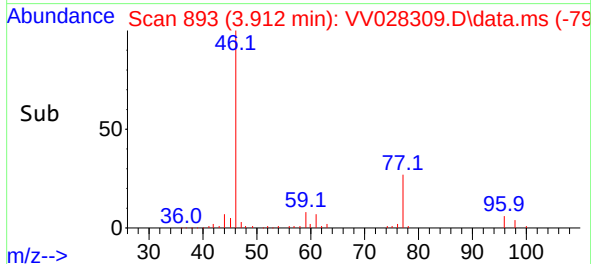
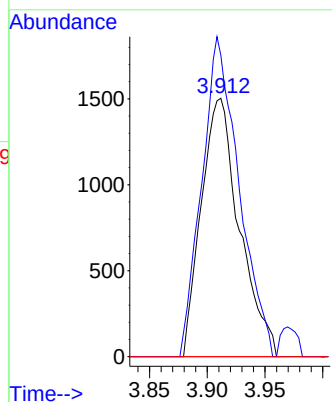


#22
cis-1,2-Dichloroethene
Concen: 0.250 ug/L
RT: 3.912 min Scan# 891
Delta R.T. 0.007 min
Lab File: VV028309.D
Acq: 04 Oct 2022 03:41

Instrument :
MSVOA_V
ClientSampleId :

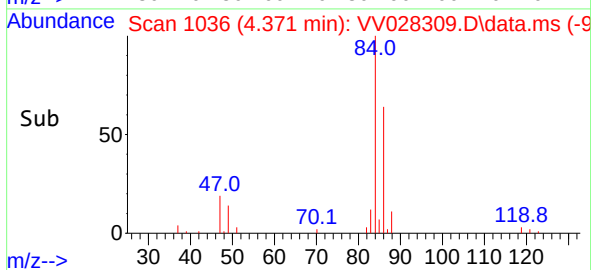
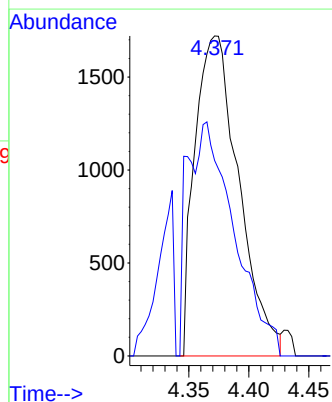
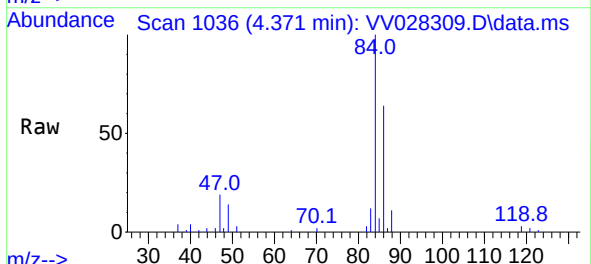


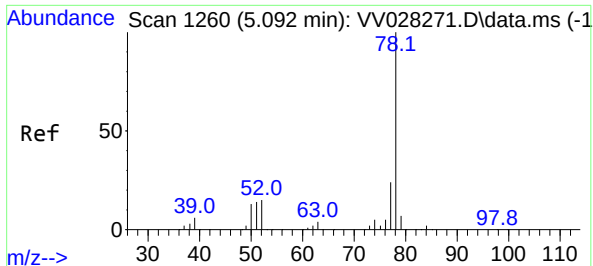
Tgt Ion: 96 Resp: 3455
Ion Ratio Lower Upper
96 100
61 116.6 87.2 161.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.171 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV028309.D
Acq: 04 Oct 2022 03:41

Tgt Ion: 83 Resp: 4378
Ion Ratio Lower Upper
83 100
85 61.1 45.1 83.7

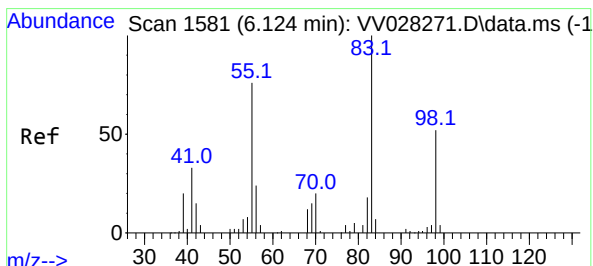
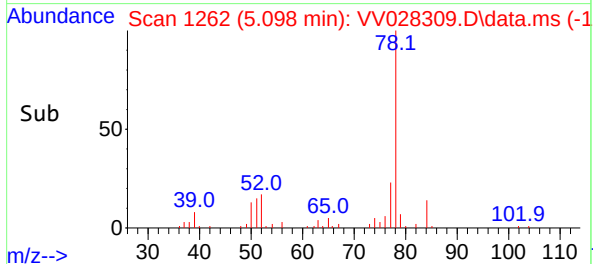
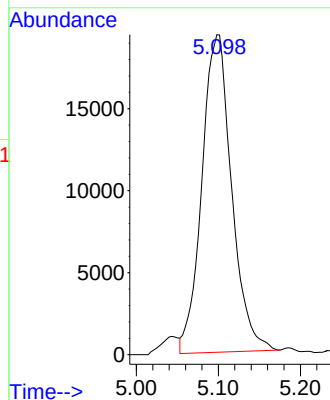
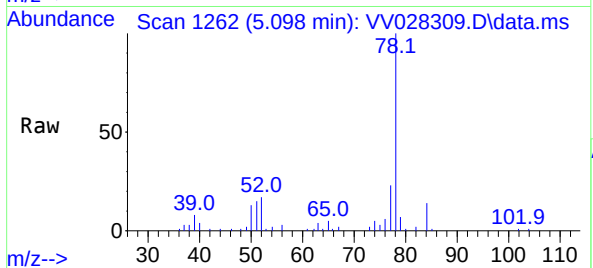




#33
Benzene
Concen: 0.868 ug/L
RT: 5.098 min Scan# 1562
Delta R.T. 0.007 min
Lab File: VV028309.D
Acq: 04 Oct 2022 03:41

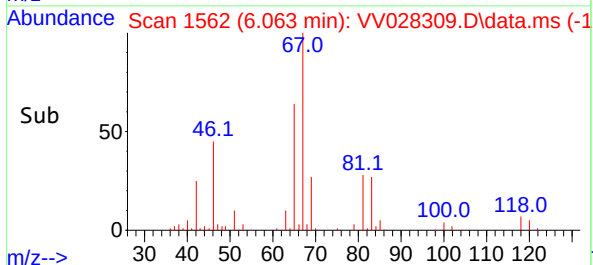
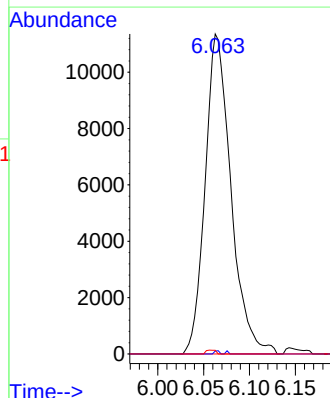
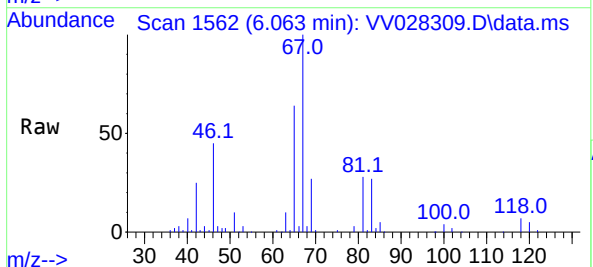
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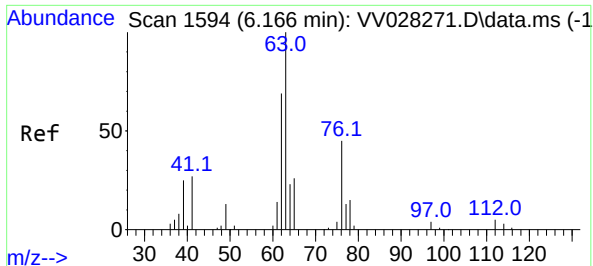
Tgt Ion: 78 Resp: 48845



#35
Methylcyclohexane
Concen: 0.967 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV028309.D
Acq: 04 Oct 2022 03:41

Tgt Ion: 83 Resp: 22243
Ion Ratio Lower Upper
83 100
55 0.2 64.7 97.1#
98 0.4 39.5 59.3#

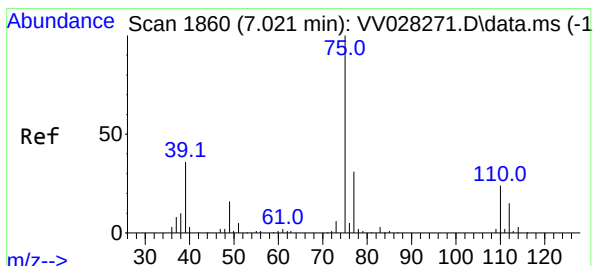
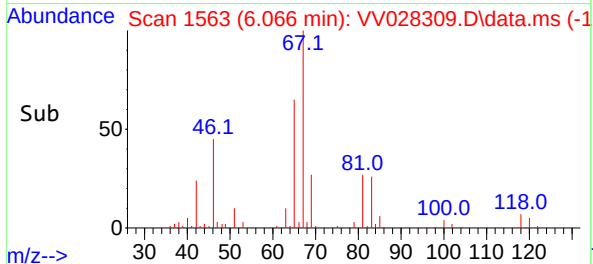
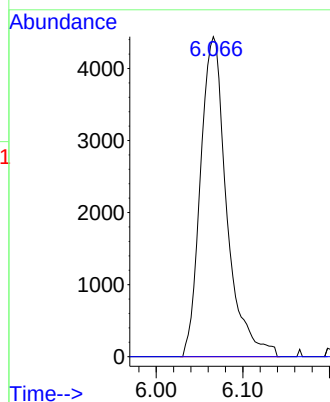
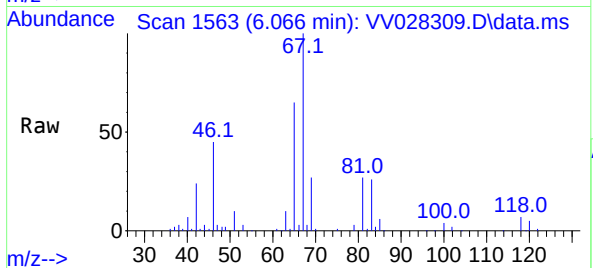




#37
1,2-Dichloropropane
Concen: 0.717 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028309.D
Acq: 04 Oct 2022 03:41

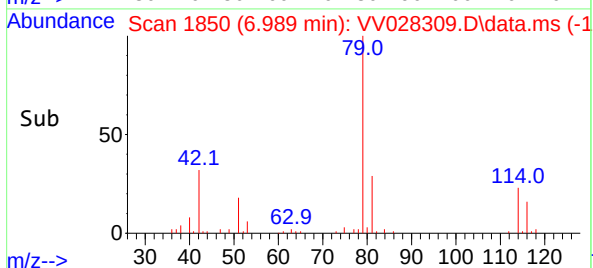
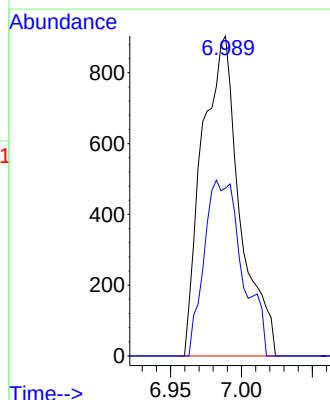
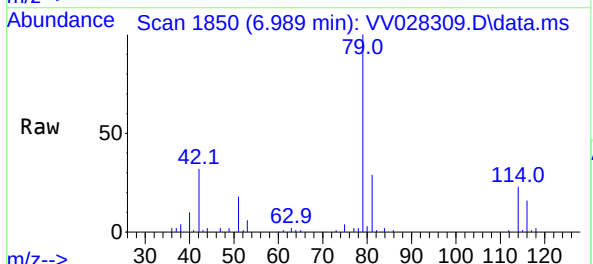
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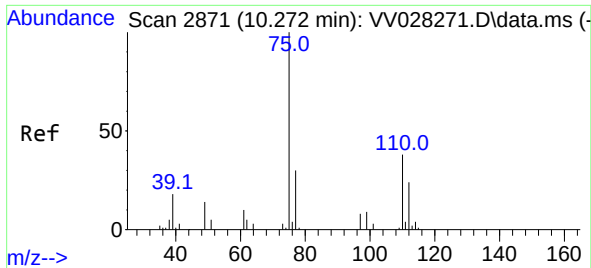
Tgt Ion: 63 Resp: 9343
Ion Ratio Lower Upper
63 100
112 0.5 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.035 min
Lab File: VV028309.D
Acq: 04 Oct 2022 03:41

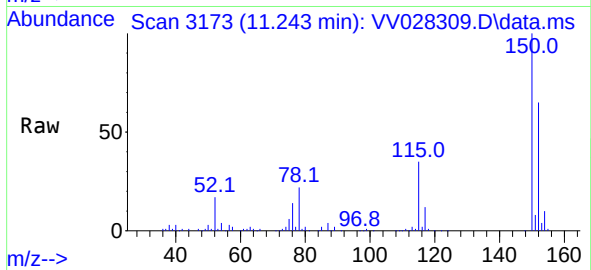
Tgt Ion: 75 Resp: 1672
Ion Ratio Lower Upper
75 100
77 52.4 22.4 41.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.261 ug/L
 RT: 11.243 min Scan# 31
 Delta R.T. 0.972 min
 Lab File: VV028309.D
 Acq: 04 Oct 2022 03:41

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 8606
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.7 40.1
 110 1.8 30.1 45.1#

