

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028307.D
 Acq On : 04 Oct 2022 02:53
 Operator : SY/MD
 Sample : N4866-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 06:18:29 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

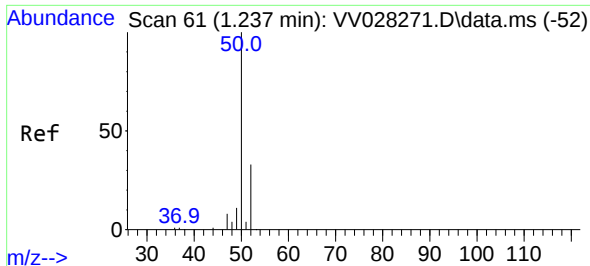
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	188337	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	189290	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89208	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	102463	7.240	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	144.800%#	
7) Chloroethane-d5	1.564	69	61619	5.144	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.800%	
11) 1,1-Dichloroethene-d2	2.101	63	100662	3.774	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.400%	
20) 2-Butanone-d5	3.905	46	151178	63.139	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	126.280%	
24) Chloroform-d	4.342	84	141085	5.503	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.000%	
26) 1,2-Dichloroethane-d4	5.027	65	66978	5.635	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.800%	
32) Benzene-d6	5.043	84	286196	5.512	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.200%	
36) 1,2-Dichloropropane-d6	6.066	67	88064	5.912	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	118.200%	
41) Toluene-d8	7.310	98	237100	4.965	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
43) trans-1,3-Dichloroprop...	7.622	79	26745	4.714	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.200%	
46) 2-Hexanone-d5	8.088	63	124379	53.563	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.120%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	62516	5.537	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.800%	
66) 1,2-Dichlorobenzene-d4	11.619	152	88667	5.775	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.600%	
Target Compounds						
3) Chloromethane	1.236	50	1259	0.088	ug/L	94
5) Vinyl chloride	1.304	62	4276341	264.523	ug/L	99
8) Chloroethane	1.387	64	172353	15.997	ug/L #	50
12) 1,1-Dichloroethene	2.104	96	1290	0.095	ug/L #	1
18) trans-1,2-Dichloroethene	2.754	96	8269	0.588	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	412313	29.097	ug/L	95
25) Chloroform	4.365	83	4004	0.152	ug/L	90
33) Benzene	5.095	78	11386	0.202	ug/L	100
35) Methylcyclohexane	6.066	83	22322	0.969	ug/L #	16
37) 1,2-Dichloropropane	6.062	63	8769	0.672	ug/L #	87
39) cis-1,3-Dichloropropene	6.982	75	1632	0.088	ug/L #	25
61) 1,2,3-Trichloropropane	11.246	75	9012	1.309	ug/L #	67

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

Quant Time: Oct 04 06:18:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
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QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration

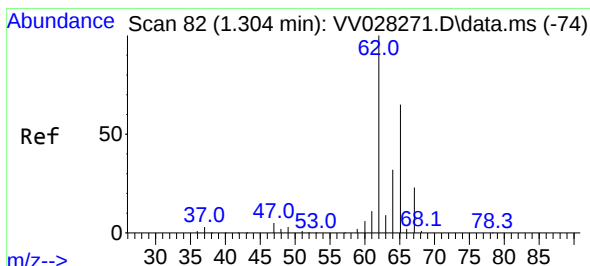
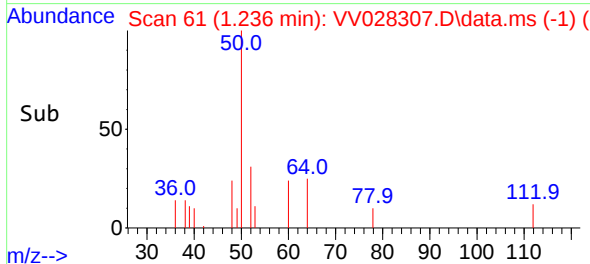
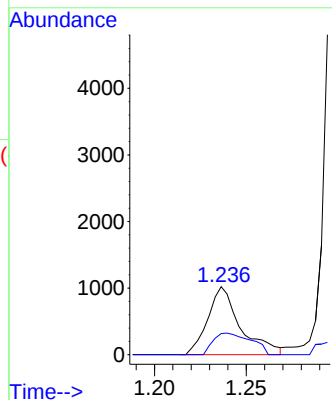
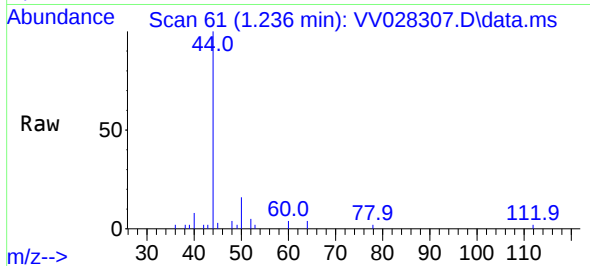




#3
Chloromethane
Concen: 0.088 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028307.D
Acq: 04 Oct 2022 02:53

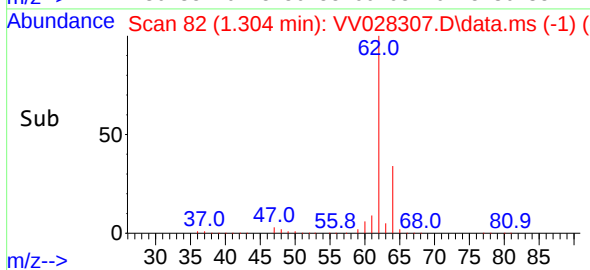
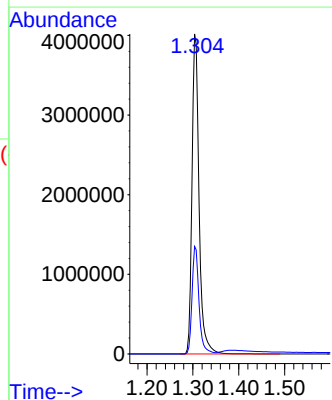
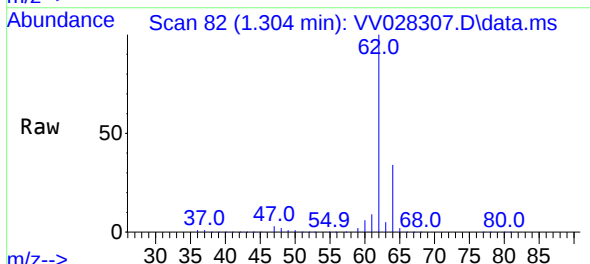
Instrument :
MSVOA_V
ClientSampleId :

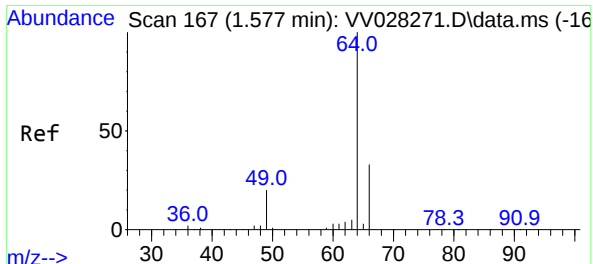
Tgt Ion: 50 Resp: 1259
Ion Ratio Lower Upper
50 100
52 31.0 24.4 45.2



#5
Vinyl chloride
Concen: 264.523 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.000 min
Lab File: VV028307.D
Acq: 04 Oct 2022 02:53

Tgt Ion: 62 Resp: 4276341
Ion Ratio Lower Upper
62 100
64 33.6 23.0 42.8

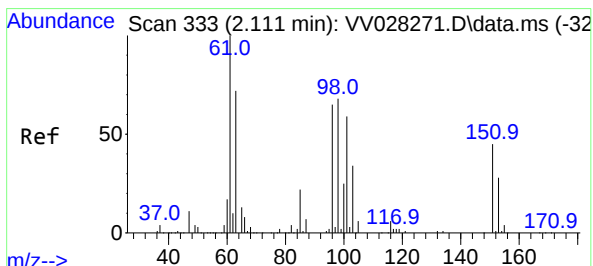
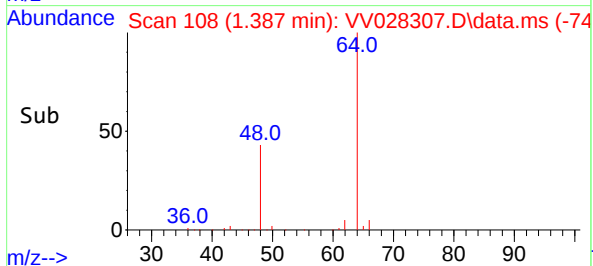
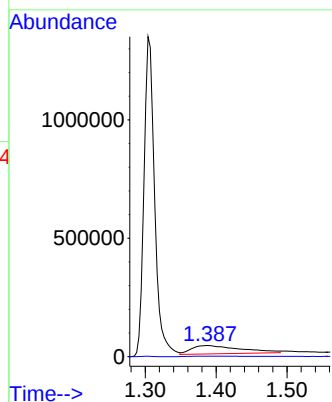
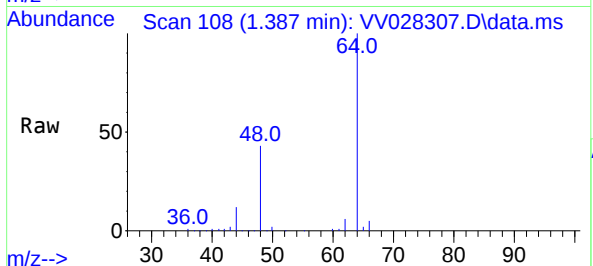




#8
Chloroethane
Concen: 15.997 ug/L
RT: 1.387 min Scan# 10
Delta R.T. -0.190 min
Lab File: VV028307.D
Acq: 04 Oct 2022 02:53

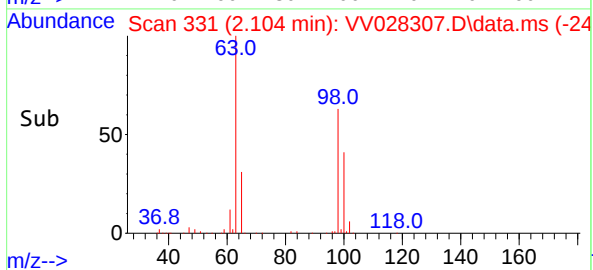
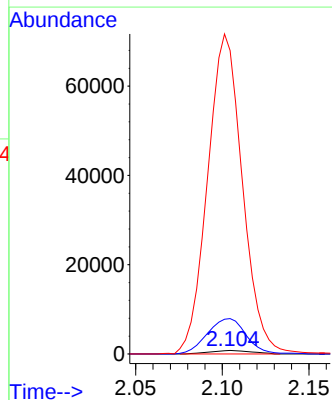
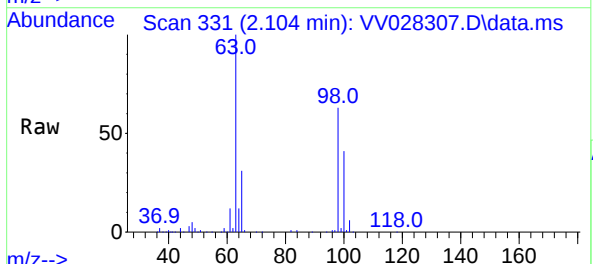
Instrument :
MSVOA_V
ClientSampleId :

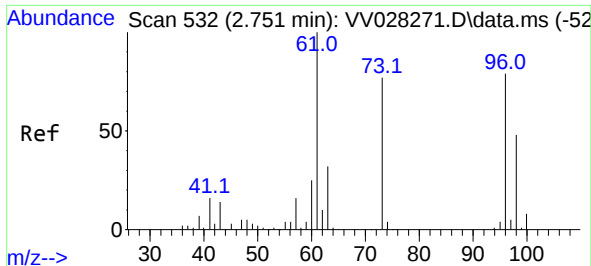
Tgt Ion: 64 Resp: 172353
Ion Ratio Lower Upper
64 100
66 4.9 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.095 ug/L
RT: 2.104 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV028307.D
Acq: 04 Oct 2022 02:53

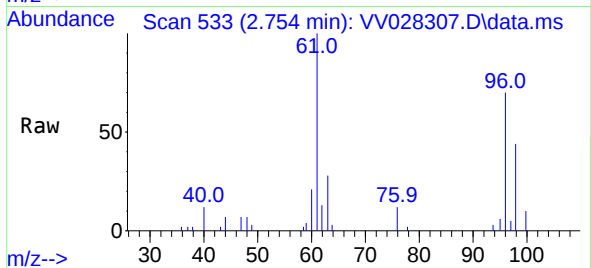
Tgt Ion: 96 Resp: 1290
Ion Ratio Lower Upper
96 100
61 1018.7 128.3 238.3#
63 8747.5 112.7 209.3#



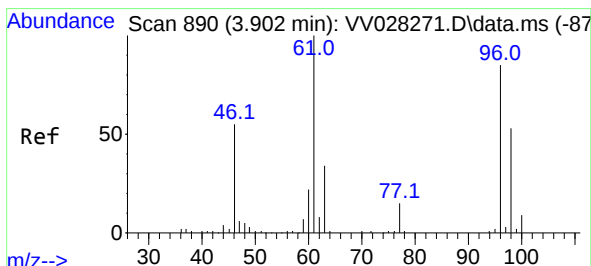
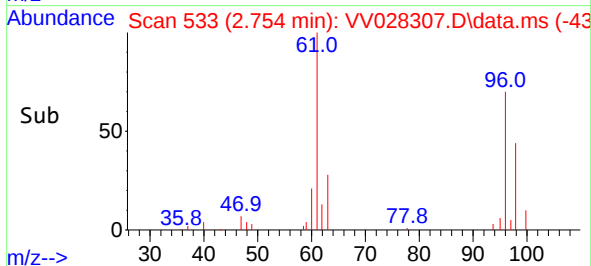
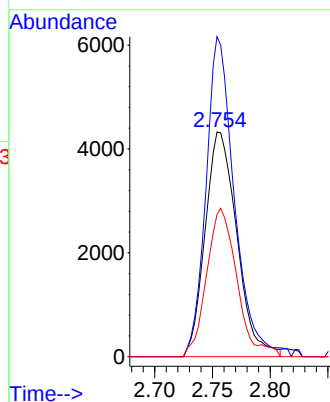


#18
trans-1,2-Dichloroethene
Concen: 0.588 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028307.D
Acq: 04 Oct 2022 02:53

Instrument :
MSVOA_V
ClientSampleId :

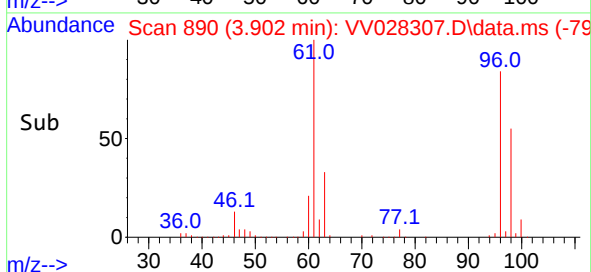
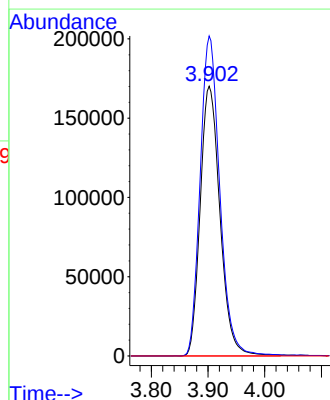
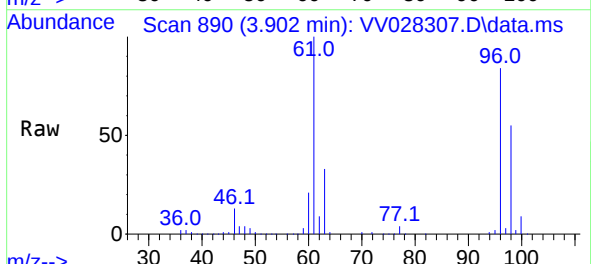


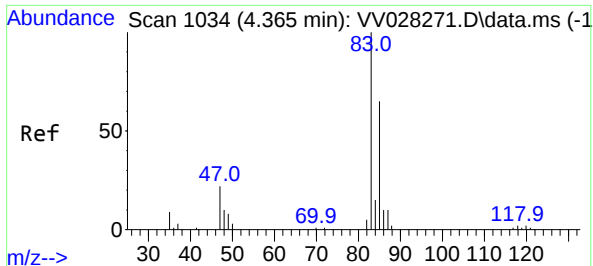
Tgt Ion: 96 Resp: 8269
Ion Ratio Lower Upper
96 100
61 142.4 96.2 178.6
98 63.3 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 29.097 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV028307.D
Acq: 04 Oct 2022 02:53

Tgt Ion: 96 Resp: 412313
Ion Ratio Lower Upper
96 100
61 118.6 87.2 161.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.152 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VV028307.D

Acq: 04 Oct 2022 02:53

Instrument :

MSVOA_V

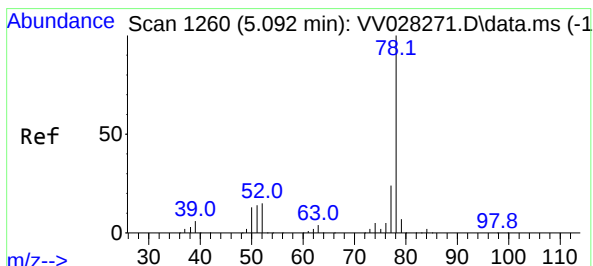
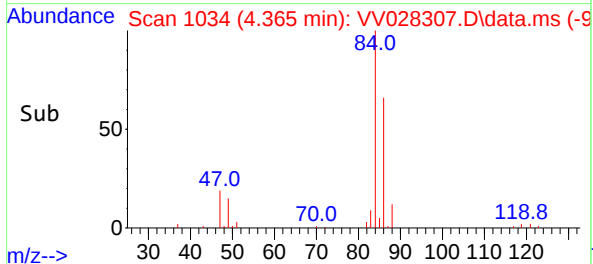
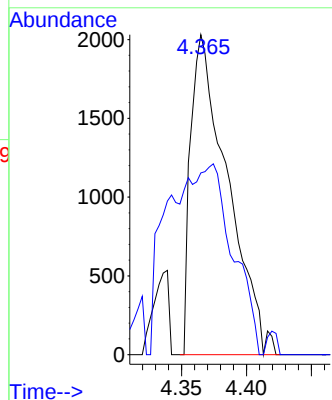
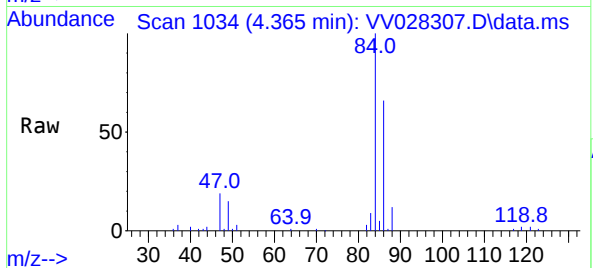
ClientSampleId :

Tgt Ion: 83 Resp: 4004

Ion Ratio Lower Upper

83 100

85 56.8 45.1 83.7



#33

Benzene

Concen: 0.202 ug/L

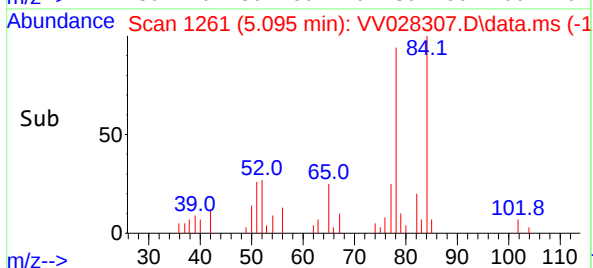
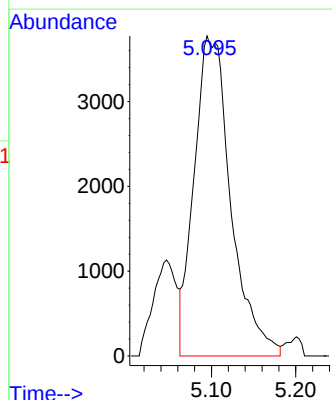
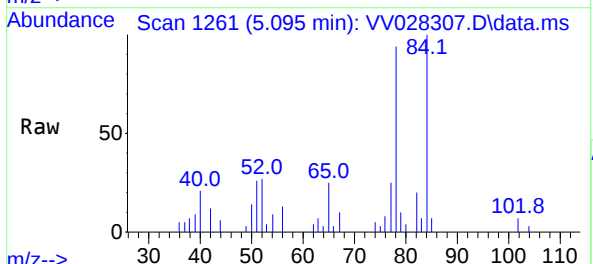
RT: 5.095 min Scan# 1261

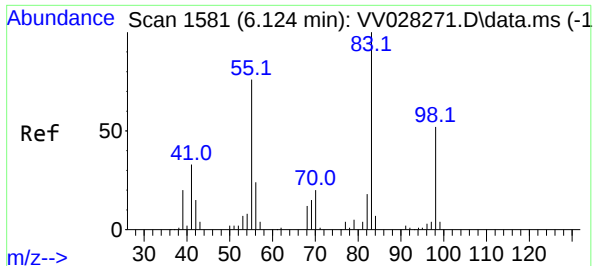
Delta R.T. 0.003 min

Lab File: VV028307.D

Acq: 04 Oct 2022 02:53

Tgt Ion: 78 Resp: 11386





#35

Methylcyclohexane

Concen: 0.969 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV028307.D

Acq: 04 Oct 2022 02:53

Instrument :

MSVOA_V

ClientSampleId :

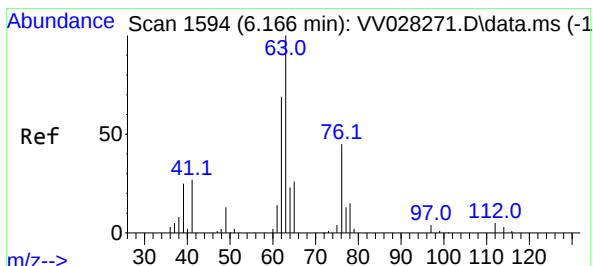
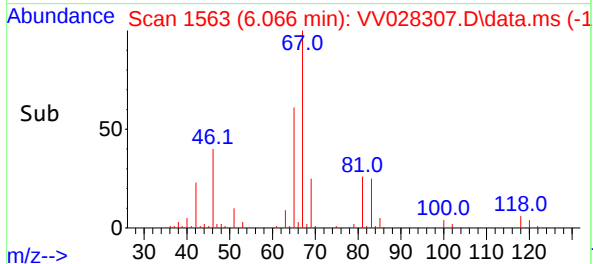
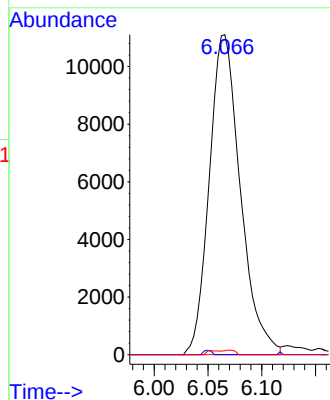
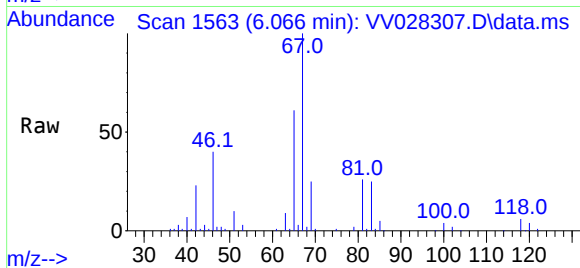
Tgt Ion: 83 Resp: 22322

Ion Ratio Lower Upper

83 100

55 0.1 64.7 97.1#

98 0.5 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.672 ug/L

RT: 6.062 min Scan# 1562

Delta R.T. -0.107 min

Lab File: VV028307.D

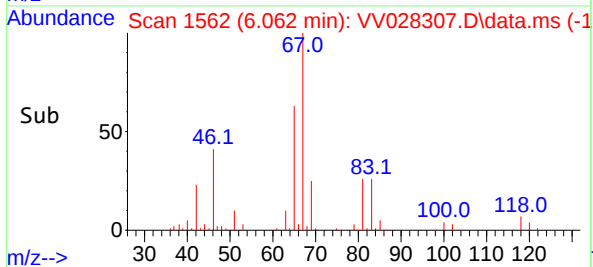
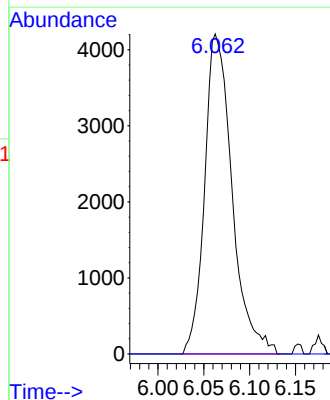
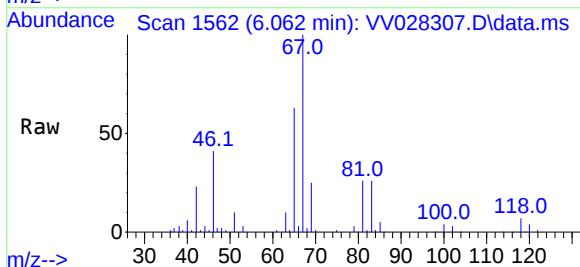
Acq: 04 Oct 2022 02:53

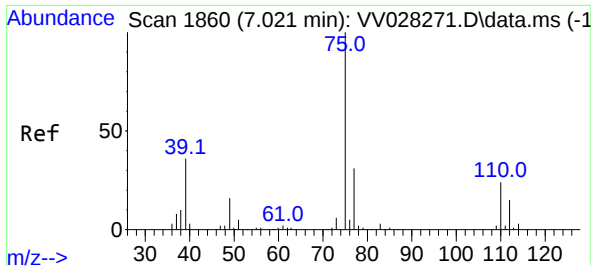
Tgt Ion: 63 Resp: 8769

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV028307.D

Acq: 04 Oct 2022 02:53

Instrument :

MSVOA_V

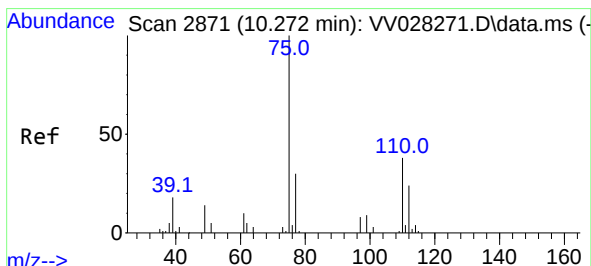
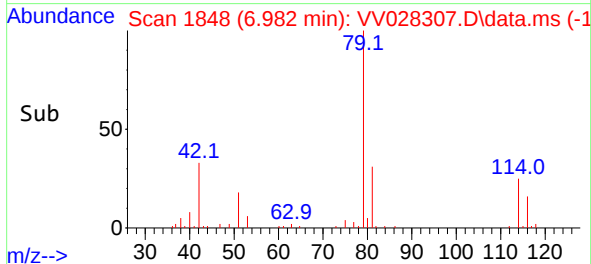
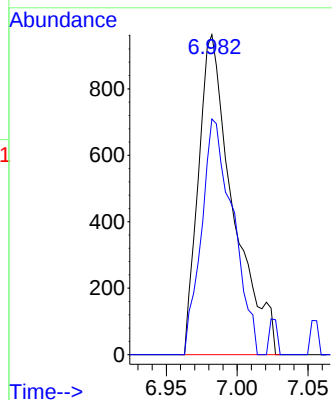
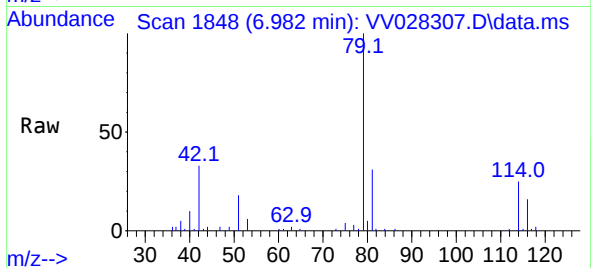
ClientSampleId :

Tgt Ion: 75 Resp: 1632

Ion Ratio Lower Upper

75 100

77 73.6 22.4 41.6#



#61

1,2,3-Trichloropropane

Concen: 1.309 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.975 min

Lab File: VV028307.D

Acq: 04 Oct 2022 02:53

Tgt Ion: 75 Resp: 9012

Ion Ratio Lower Upper

75 100

77 30.3 26.7 40.1

110 2.9 30.1 45.1#

