

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028323.D
 Acq On : 04 Oct 2022 12:38
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 23:23:48 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)

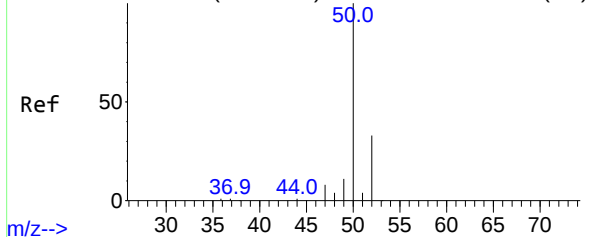
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	169125	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	168694	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77252	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67385	5.303	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 106.000%	
7) Chloroethane-d5	1.561	69	63514	5.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 118.000%	
11) 1,1-Dichloroethene-d2	2.101	63	101509	4.238	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 84.800%	
20) 2-Butanone-d5	3.902	46	132470	61.611	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	= 123.220%	
24) Chloroform-d	4.339	84	137241	5.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 119.200%	
26) 1,2-Dichloroethane-d4	5.027	65	68875	6.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 129.000%	
32) Benzene-d6	5.043	84	287970	6.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 124.400%	
36) 1,2-Dichloropropane-d6	6.066	67	87553	6.595	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 132.000%	
41) Toluene-d8	7.310	98	234612	5.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 110.200%	
43) trans-1,3-Dichloroprop...	7.622	79	27626	5.464	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 109.200%	
46) 2-Hexanone-d5	8.088	63	127189	61.460	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 122.920%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	64176	6.378	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 127.600%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	85710	6.447	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 129.000%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	543	0.042	ug/L	97
5) Vinyl chloride	1.304	62	1516	0.104	ug/L #	1
6) Bromomethane	1.519	94	386	0.056	ug/L	89
8) Chloroethane	1.433	64	92618	9.573	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1148	0.094	ug/L #	19
12) 1,1-Dichloroethene	2.101	96	986	0.081	ug/L #	1
16) Methylene chloride	2.500	84	6133	0.449	ug/L	91
22) cis-1,2-Dichloroethene	3.908	96	1372	0.108	ug/L	98
25) Chloroform	4.371	83	6972	0.295	ug/L	88
35) Methylcyclohexane	6.063	83	22100	1.077	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	9736	0.837	ug/L #	87
44) trans-1,3-Dichloropropene	7.619	75	1057	0.075	ug/L	100
61) 1,2,3-Trichloropropane	11.246	75	8019	1.345	ug/L #	64

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

Quant Time: Oct 04 23:23:48 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



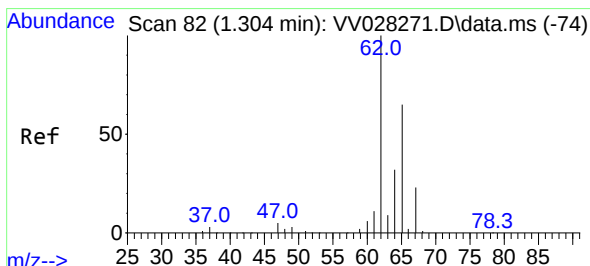
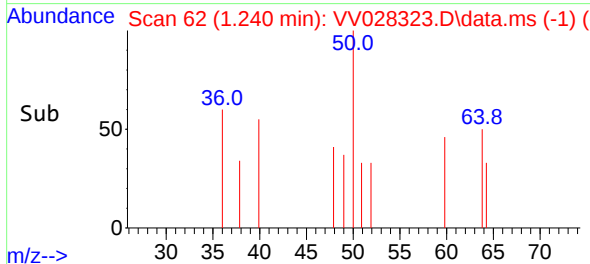
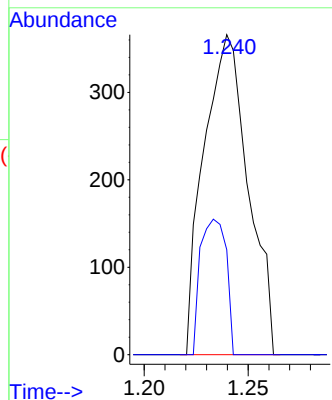
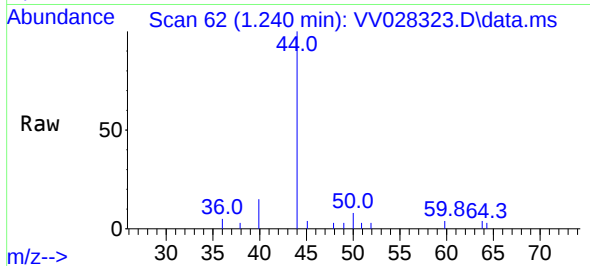
Abundance Scan 61 (1.237 min): VV028271.D\data.ms (-52)



#3
Chloromethane
Concen: 0.042 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028323.D
Acq: 04 Oct 2022 12:38

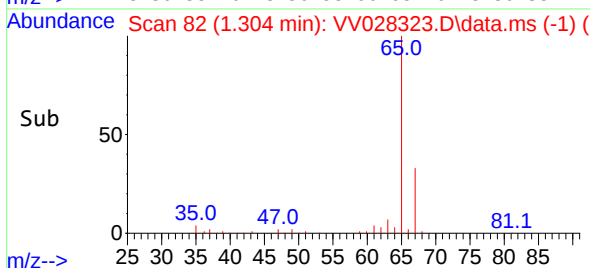
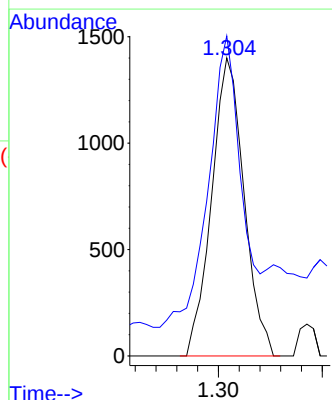
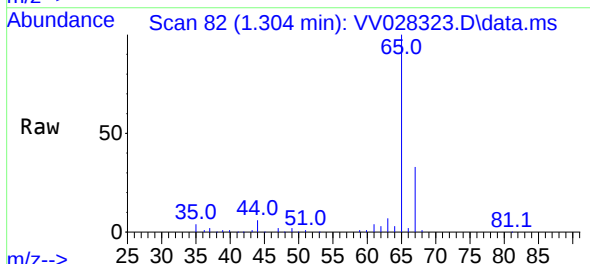
Instrument :
MSVOA_V
ClientSampleId :

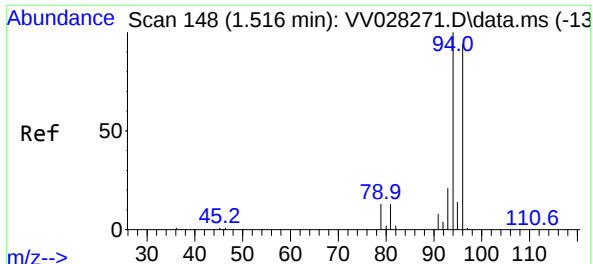
Tgt Ion: 50 Resp: 543
Ion Ratio Lower Upper
50 100
52 32.8 24.4 45.2



#5
Vinyl chloride
Concen: 0.104 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028323.D
Acq: 04 Oct 2022 12:38

Tgt Ion: 62 Resp: 1516
Ion Ratio Lower Upper
62 100
64 107.4 23.0 42.8#

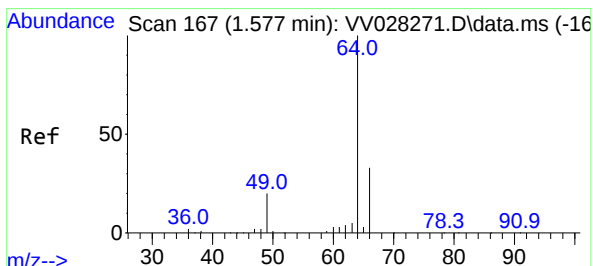
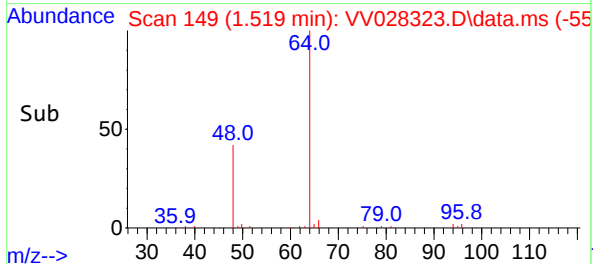
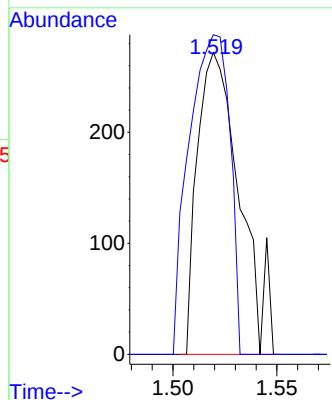
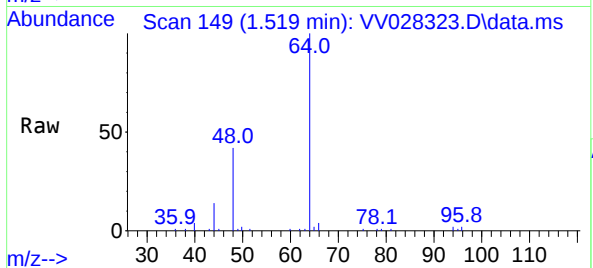




#6
Bromomethane
Concen: 0.056 ug/L
RT: 1.519 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV028323.D
Acq: 04 Oct 2022 12:38

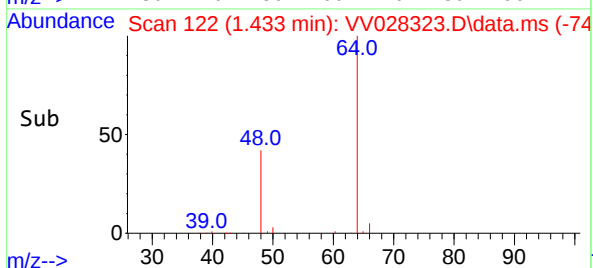
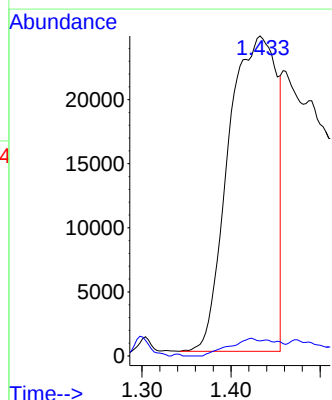
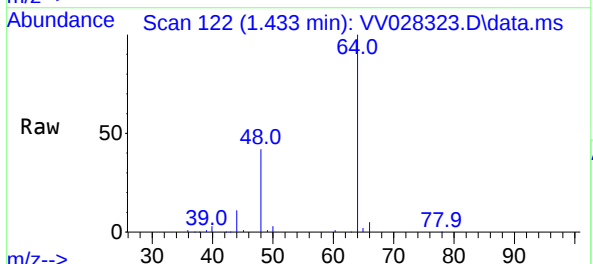
Instrument :
MSVOA_V
ClientSampleId :

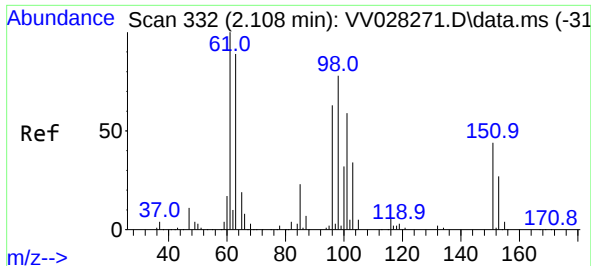
Tgt Ion: 94 Resp: 386
Ion Ratio Lower Upper
94 100
96 105.9 66.7 123.9



#8
Chloroethane
Concen: 9.573 ug/L
RT: 1.433 min Scan# 122
Delta R.T. -0.145 min
Lab File: VV028323.D
Acq: 04 Oct 2022 12:38

Tgt Ion: 64 Resp: 92618
Ion Ratio Lower Upper
64 100
66 4.7 23.0 42.8#

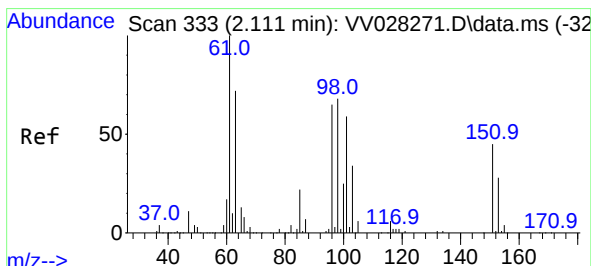
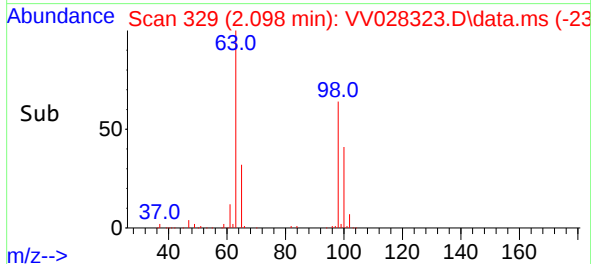
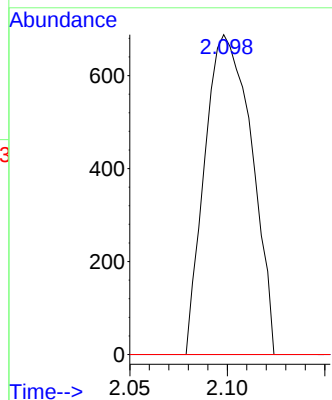
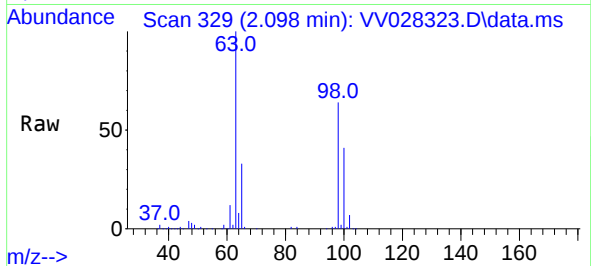




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.094 ug/L
RT: 2.098 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV028323.D
Acq: 04 Oct 2022 12:38

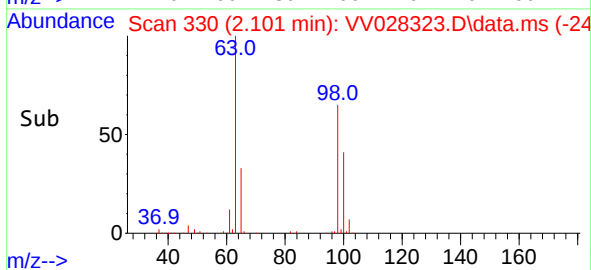
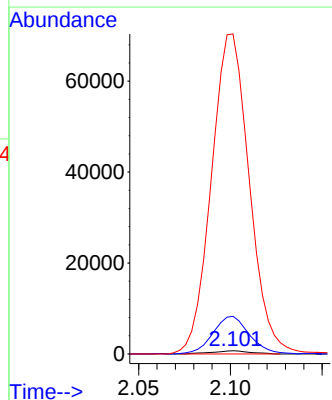
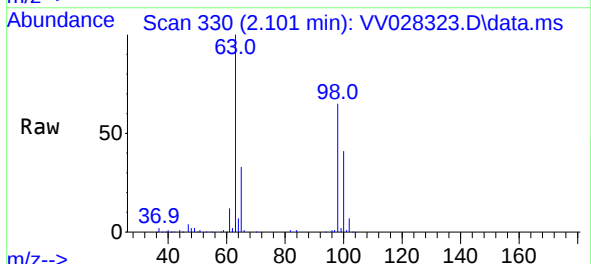
Instrument :
MSVOA_V
ClientSampleId :

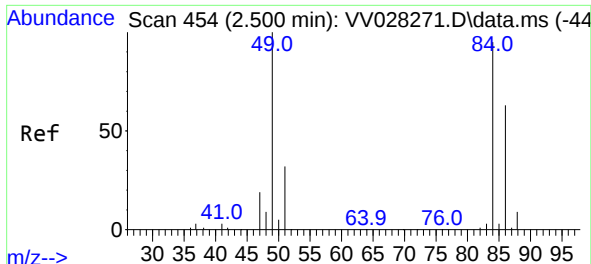
Tgt Ion:101 Resp: 1148
Ion Ratio Lower Upper
101 100
85 0.0 34.4 51.6#
151 0.0 61.1 91.7#



#12
1,1-Dichloroethene
Concen: 0.081 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.010 min
Lab File: VV028323.D
Acq: 04 Oct 2022 12:38

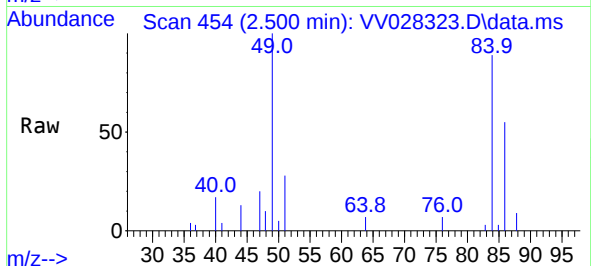
Tgt Ion: 96 Resp: 986
Ion Ratio Lower Upper
96 100
61 1172.1 128.3 238.3#
63 9955.3 112.7 209.3#





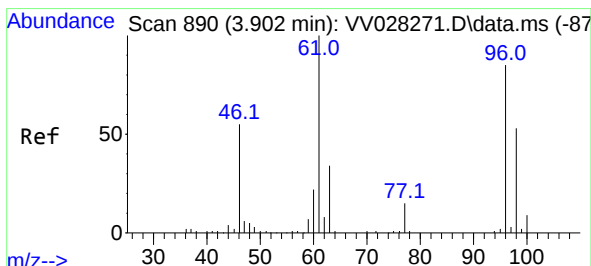
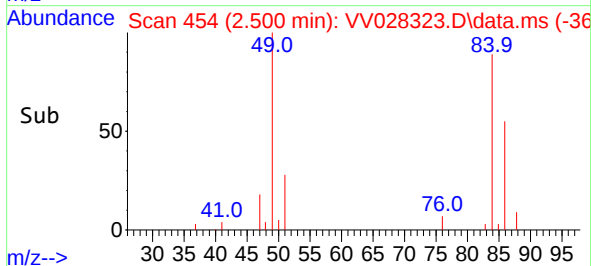
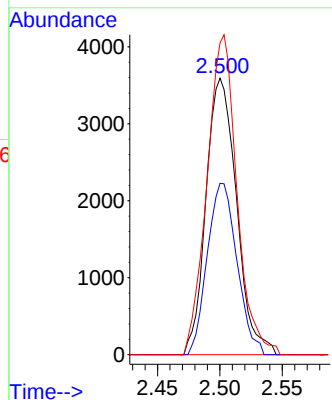
#16
Methylene chloride
Concen: 0.449 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028323.D
Acq: 04 Oct 2022 12:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 6133

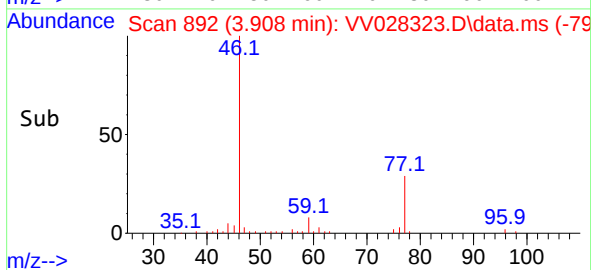
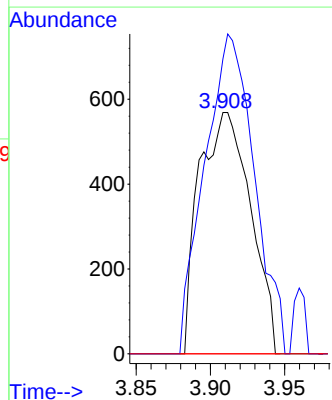
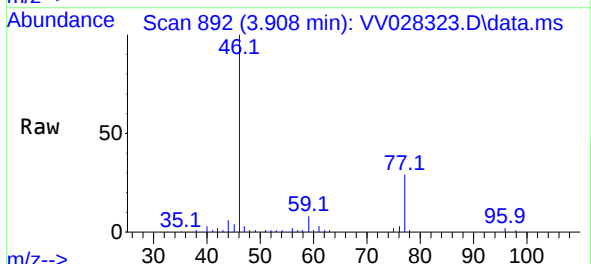
Ion	Ratio	Lower	Upper
84	100		
86	62.0	46.8	86.8
49	112.8	87.5	162.5

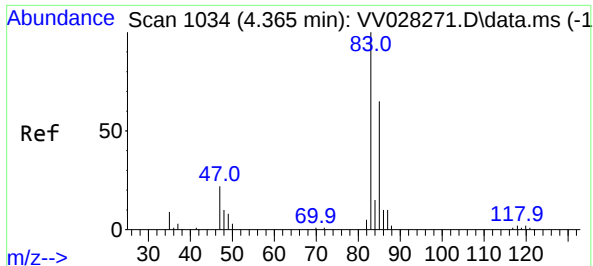


#22
cis-1,2-Dichloroethene
Concen: 0.108 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV028323.D
Acq: 04 Oct 2022 12:38

Tgt Ion: 96 Resp: 1372

Ion	Ratio	Lower	Upper
96	100		
61	122.1	87.2	161.9
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.295 ug/L

RT: 4.371 min Scan# 10

Delta R.T. 0.003 min

Lab File: VV028323.D

Acq: 04 Oct 2022 12:38

Instrument :

MSVOA_V

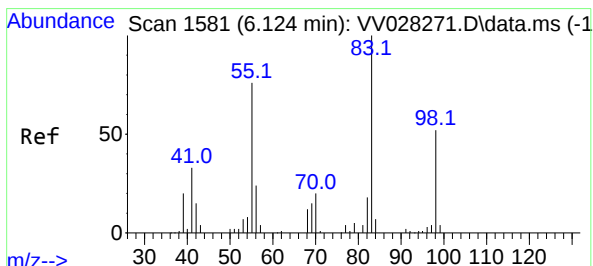
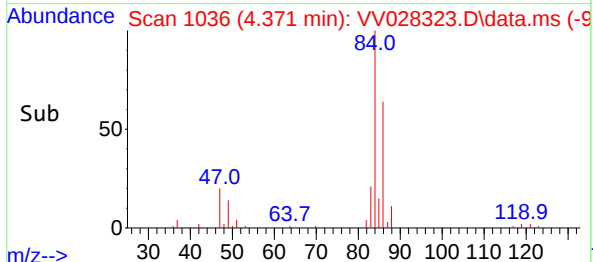
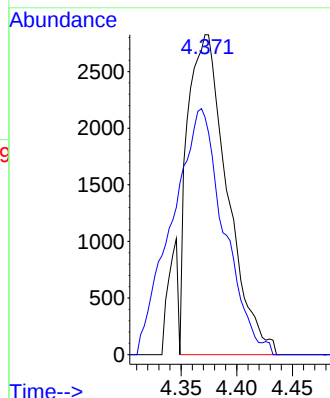
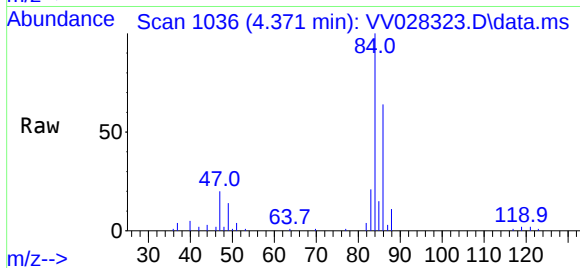
ClientSampleId :

Tgt Ion: 83 Resp: 6972

Ion Ratio Lower Upper

83 100

85 74.2 45.1 83.7



#35

Methylcyclohexane

Concen: 1.077 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV028323.D

Acq: 04 Oct 2022 12:38

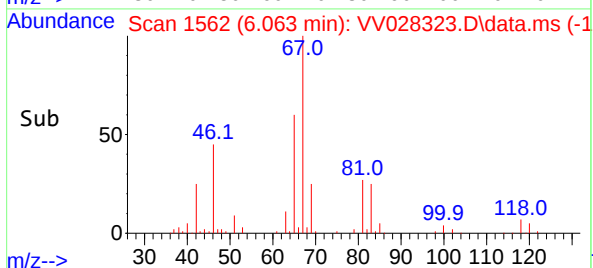
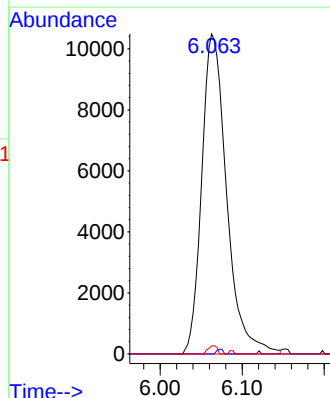
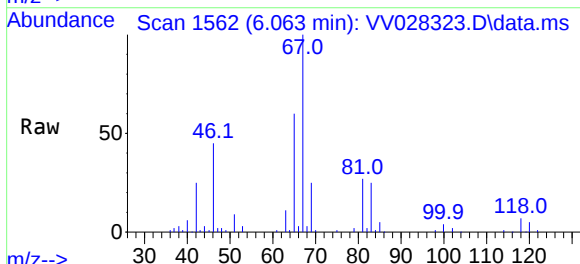
Tgt Ion: 83 Resp: 22100

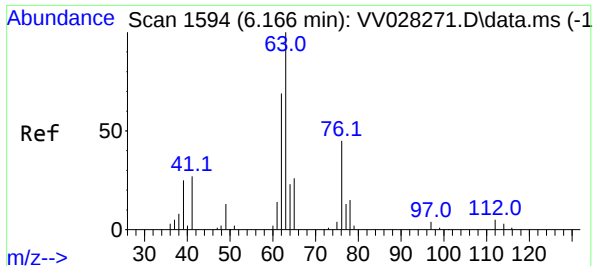
Ion Ratio Lower Upper

83 100

55 0.4 64.7 97.1#

98 0.9 39.5 59.3#

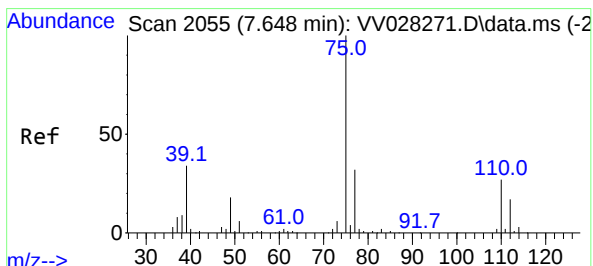
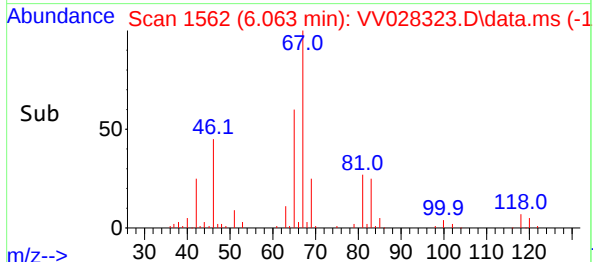
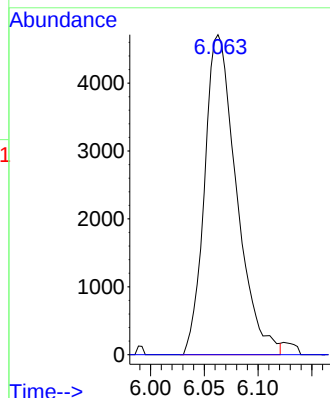
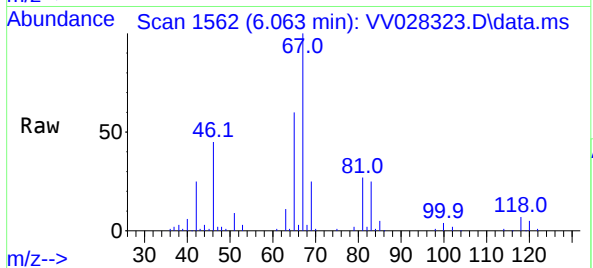




#37
1,2-Dichloropropane
Concen: 0.837 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV028323.D
Acq: 04 Oct 2022 12:38

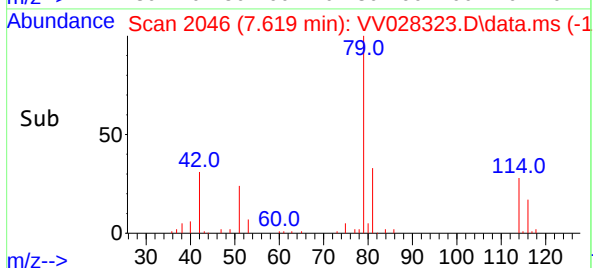
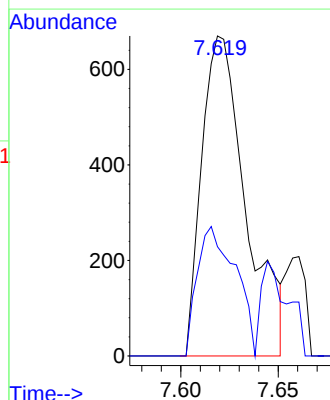
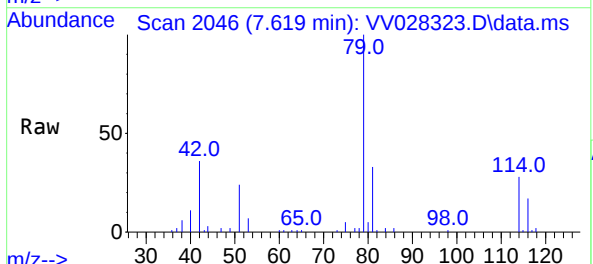
Instrument :
MSVOA_V
ClientSampleId :

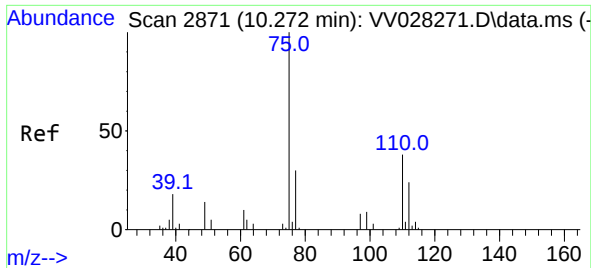
Tgt Ion: 63 Resp: 9736
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.029 min
Lab File: VV028323.D
Acq: 04 Oct 2022 12:38

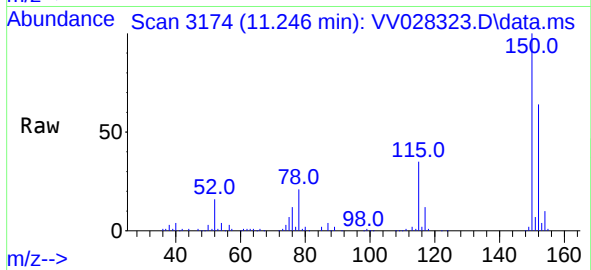
Tgt Ion: 75 Resp: 1057
Ion Ratio Lower Upper
75 100
77 34.2 23.9 44.3





#61
1,2,3-Trichloropropane
Concen: 1.345 ug/L
RT: 11.246 min Scan# 31
Delta R.T. 0.975 min
Lab File: VV028323.D
Acq: 04 Oct 2022 12:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 8019
Ion Ratio Lower Upper
75 100
77 28.5 26.7 40.1
110 1.4 30.1 45.1#

