

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028324.D
 Acq On : 04 Oct 2022 13:03
 Operator : SY/MD
 Sample : N4730-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 23:23:56 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)

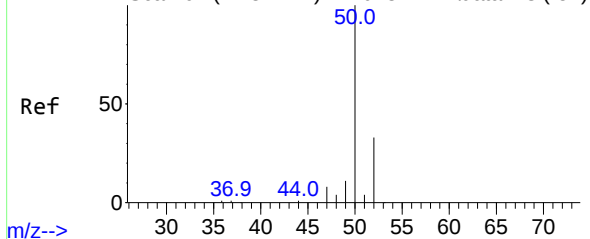
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	148202	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	152437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71562	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	51409	4.617	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.400%	
7) Chloroethane-d5	1.564	69	47998	5.092	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.800%	
11) 1,1-Dichloroethene-d2	2.101	63	75377	3.591	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.800%	
20) 2-Butanone-d5	3.899	46	134028	71.136	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	142.280%#	
24) Chloroform-d	4.342	84	107111	5.310	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.200%	
26) 1,2-Dichloroethane-d4	5.030	65	58657	6.272	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	125.400%	
32) Benzene-d6	5.046	84	216881	5.187	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
36) 1,2-Dichloropropane-d6	6.066	67	69801	5.819	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	116.400%	
41) Toluene-d8	7.313	98	176015	4.577	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
43) trans-1,3-Dichloroprop...	7.622	79	23633	5.173	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.400%	
46) 2-Hexanone-d5	8.085	63	121884	65.178	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	130.360%#	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	57745	6.351	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	127.000%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	70516	5.726	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	564	0.050	ug/L #	80
5) Vinyl chloride	1.307	62	96307	7.571	ug/L	89
6) Bromomethane	1.516	94	299	0.049	ug/L	93
8) Chloroethane	1.387	64	265982	31.372	ug/L #	50
14) Carbon disulfide	2.291	76	2301	0.069	ug/L #	75
18) trans-1,2-Dichloroethene	2.760	96	3281	0.296	ug/L	93
19) 1,1-Dichloroethane	3.182	63	963	0.051	ug/L #	88
22) cis-1,2-Dichloroethene	3.905	96	48537	4.353	ug/L	93
25) Chloroform	4.368	83	3848	0.186	ug/L	94
33) Benzene	5.098	78	25551	0.563	ug/L	100
34) Trichloroethene	5.915	95	5348	0.471	ug/L	93
35) Methylcyclohexane	6.066	83	16758	0.903	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	6852	0.652	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1416	0.094	ug/L #	59
61) 1,2,3-Trichloropropane	11.242	75	7402	1.341	ug/L #	65

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

Quant Time: Oct 04 23:23:56 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: 0.050 ug/L

RT: 1.233 min Scan# 60

Delta R.T. -0.003 min

Lab File: VV028324.D

Acq: 04 Oct 2022 13:03

Instrument :

MSVOA_V

ClientSampleId :

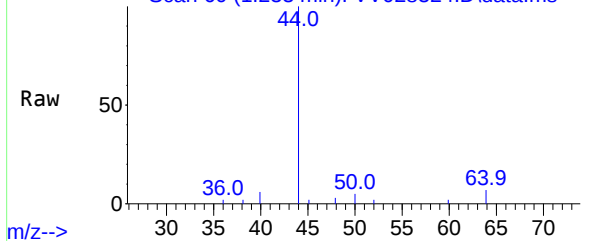
Tgt Ion: 50 Resp: 564

Ion Ratio Lower Upper

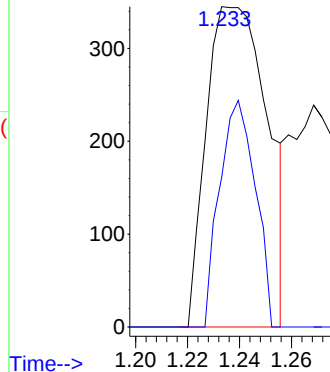
50 100

52 46.7 24.4 45.2#

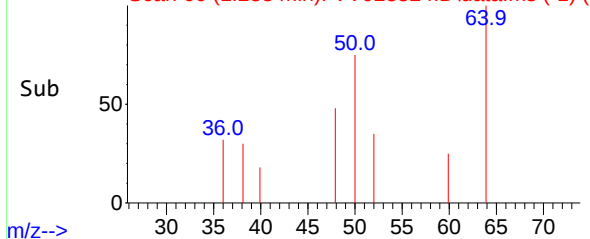
Abundance Scan 60 (1.233 min): VV028324.D\data.ms



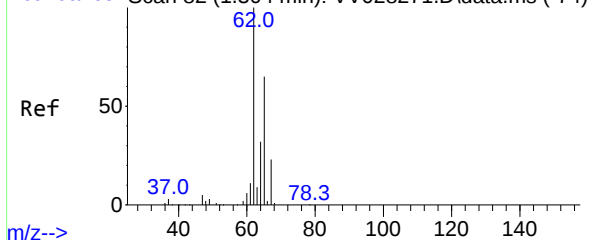
Abundance



Abundance Scan 60 (1.233 min): VV028324.D\data.ms (-1) (



Abundance Scan 82 (1.304 min): VV028271.D\data.ms (-74)



#5

Vinyl chloride

Concen: 7.571 ug/L

RT: 1.307 min Scan# 83

Delta R.T. 0.003 min

Lab File: VV028324.D

Acq: 04 Oct 2022 13:03

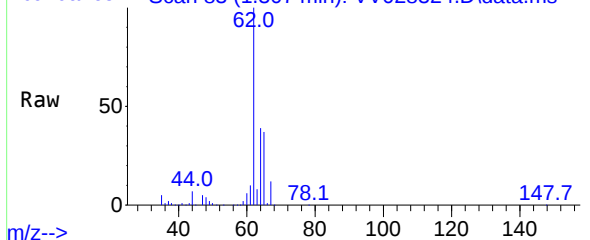
Tgt Ion: 62 Resp: 96307

Ion Ratio Lower Upper

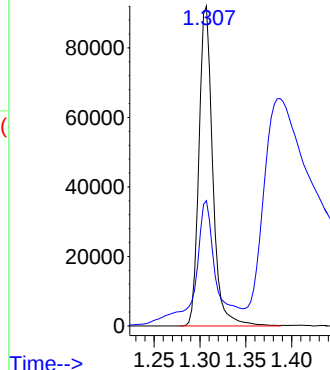
62 100

64 39.2 23.0 42.8

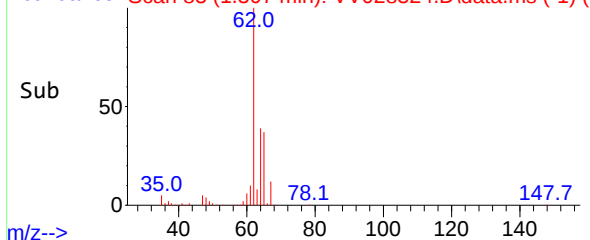
Abundance Scan 83 (1.307 min): VV028324.D\data.ms

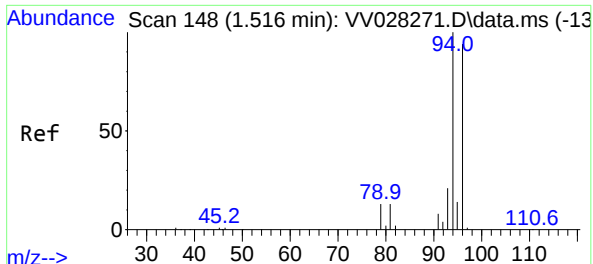


Abundance



Abundance Scan 83 (1.307 min): VV028324.D\data.ms (-1) (

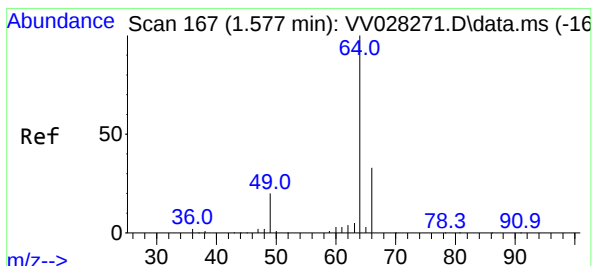
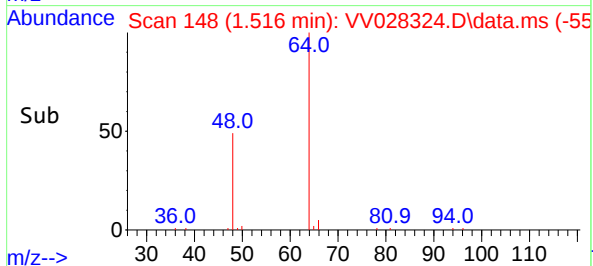
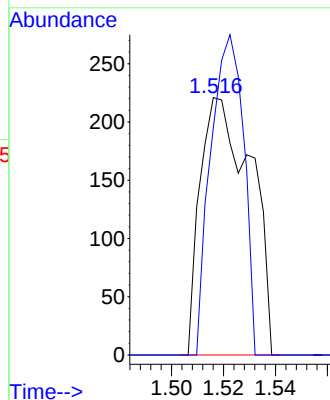
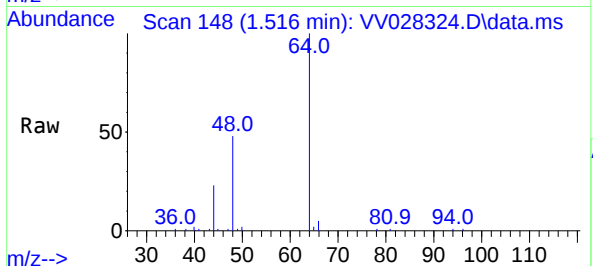




#6
Bromomethane
Concen: 0.049 ug/L
RT: 1.516 min Scan# 14
Delta R.T. -0.000 min
Lab File: VV028324.D
Acq: 04 Oct 2022 13:03

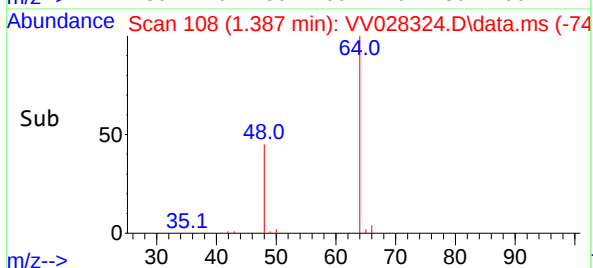
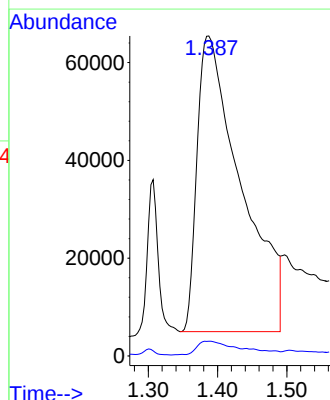
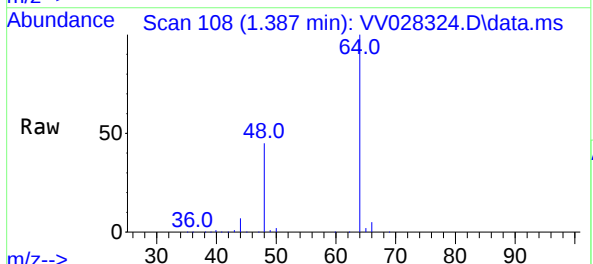
Instrument :
MSVOA_V
ClientSampleId :

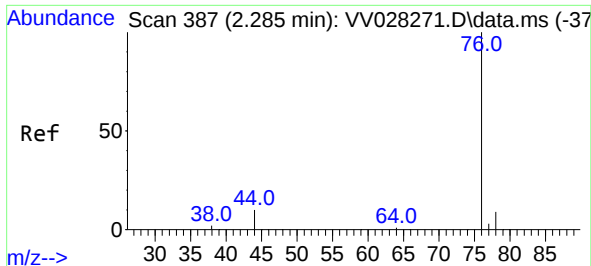
Tgt Ion: 94 Resp: 299
Ion Ratio Lower Upper
94 100
96 88.2 66.7 123.9



#8
Chloroethane
Concen: 31.372 ug/L
RT: 1.387 min Scan# 108
Delta R.T. -0.190 min
Lab File: VV028324.D
Acq: 04 Oct 2022 13:03

Tgt Ion: 64 Resp: 265982
Ion Ratio Lower Upper
64 100
66 4.6 23.0 42.8#

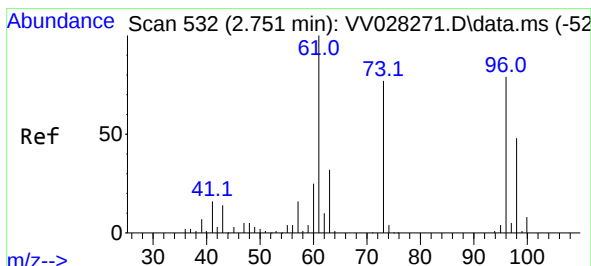
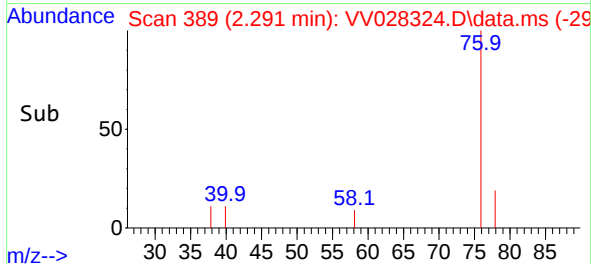
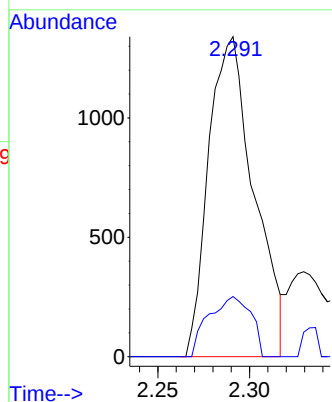
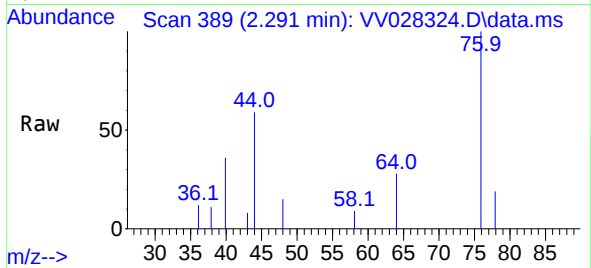




#14
Carbon disulfide
Concen: 0.069 ug/L
RT: 2.291 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV028324.D
Acq: 04 Oct 2022 13:03

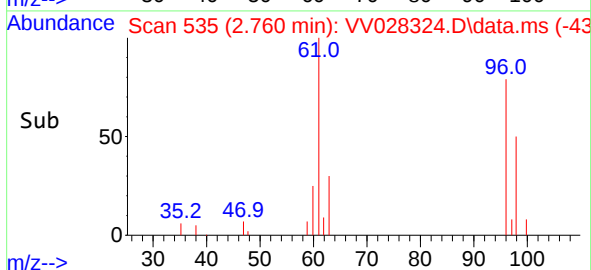
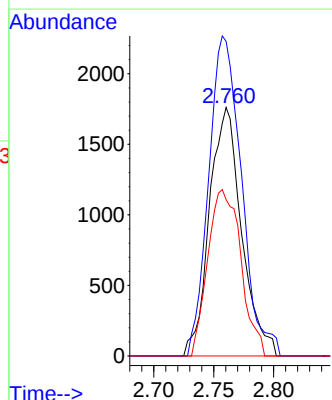
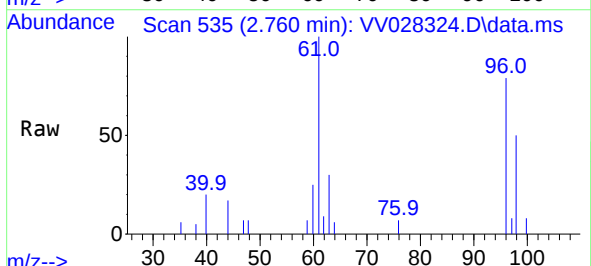
Instrument :
MSVOA_V
ClientSampleId :

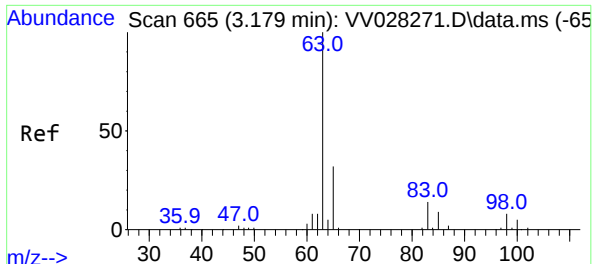
Tgt Ion: 76 Resp: 2301
Ion Ratio Lower Upper
76 100
78 18.8 7.6 11.4#



#18
trans-1,2-Dichloroethene
Concen: 0.296 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV028324.D
Acq: 04 Oct 2022 13:03

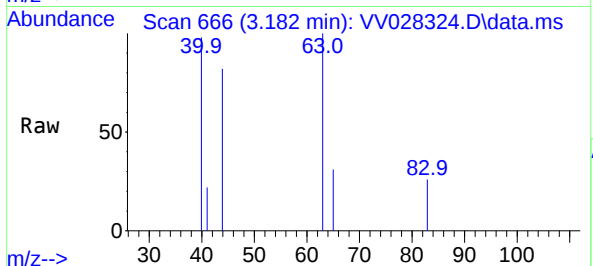
Tgt Ion: 96 Resp: 3281
Ion Ratio Lower Upper
96 100
61 126.6 96.2 178.6
98 62.9 45.7 84.9



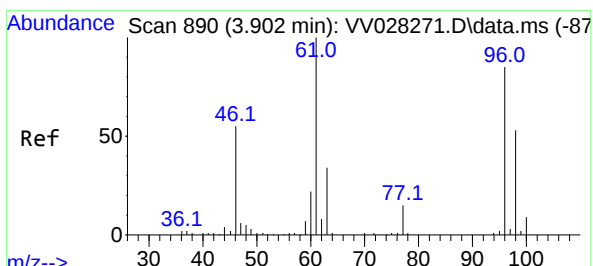
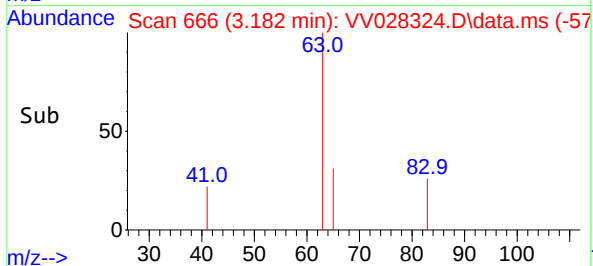
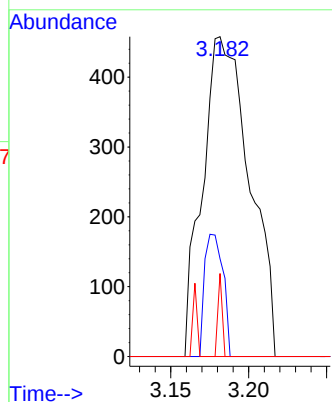


#19
1,1-Dichloroethane
Concen: 0.051 ug/L
RT: 3.182 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028324.D
Acq: 04 Oct 2022 13:03

Instrument :
MSVOA_V
ClientSampleId :

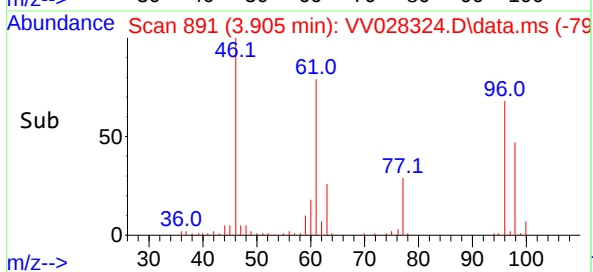
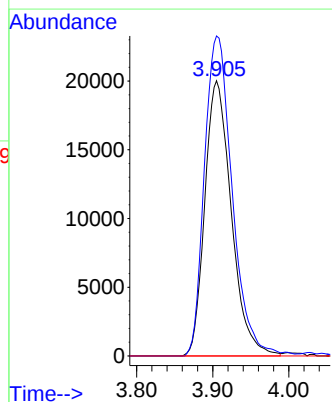
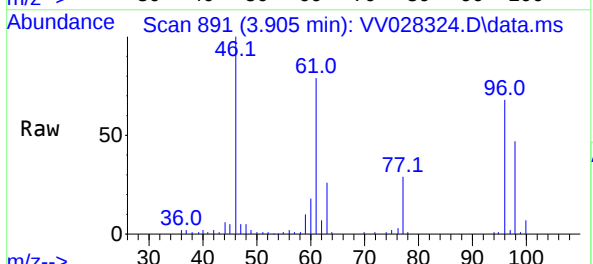


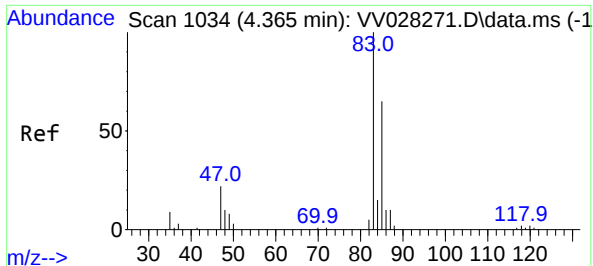
Tgt Ion: 63 Resp: 963
Ion Ratio Lower Upper
63 100
65 30.6 23.0 42.8
83 26.0 9.2 17.2#



#22
cis-1,2-Dichloroethene
Concen: 4.353 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.000 min
Lab File: VV028324.D
Acq: 04 Oct 2022 13:03

Tgt Ion: 96 Resp: 48537
Ion Ratio Lower Upper
96 100
61 116.3 87.2 161.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.186 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VV028324.D

Acq: 04 Oct 2022 13:03

Instrument :

MSVOA_V

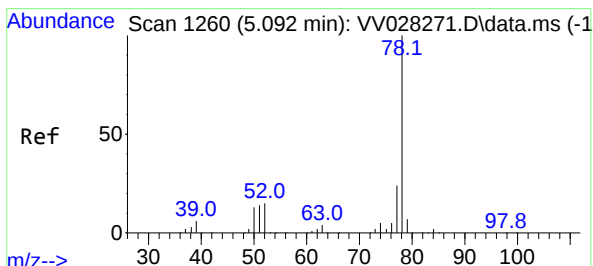
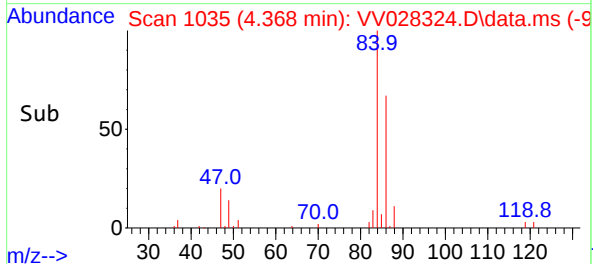
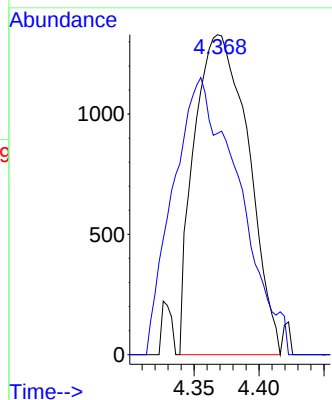
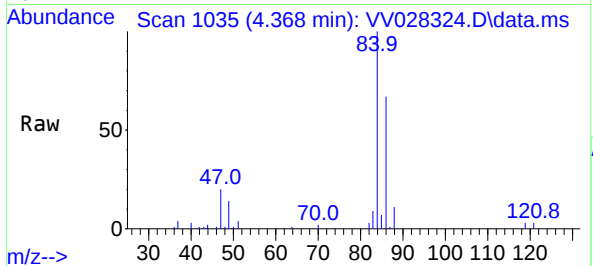
ClientSampleId :

Tgt Ion: 83 Resp: 3848

Ion Ratio Lower Upper

83 100

85 69.2 45.1 83.7



#33

Benzene

Concen: 0.563 ug/L

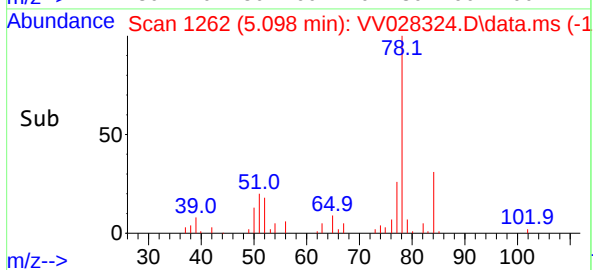
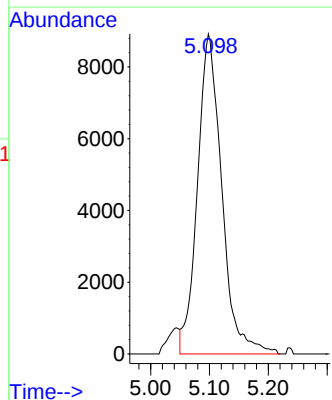
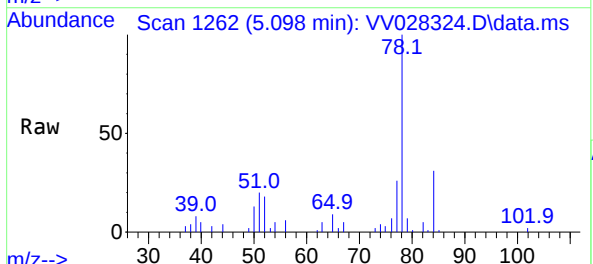
RT: 5.098 min Scan# 1262

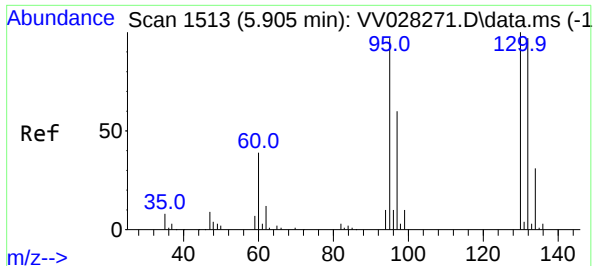
Delta R.T. 0.006 min

Lab File: VV028324.D

Acq: 04 Oct 2022 13:03

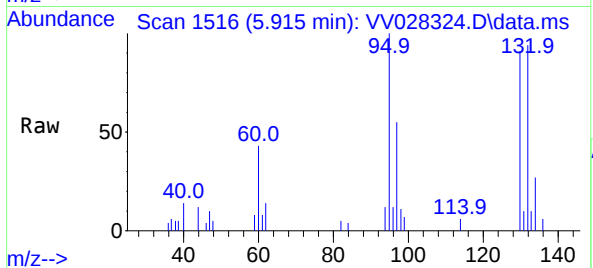
Tgt Ion: 78 Resp: 25551





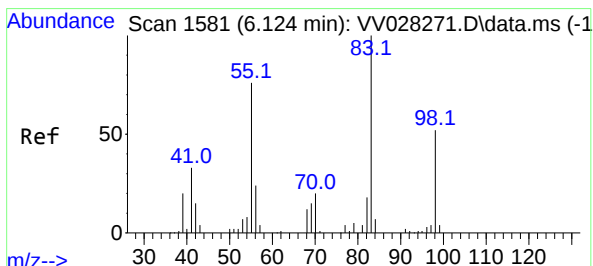
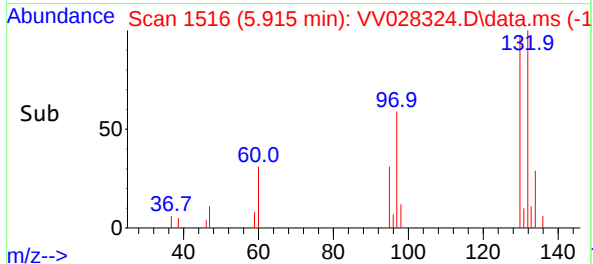
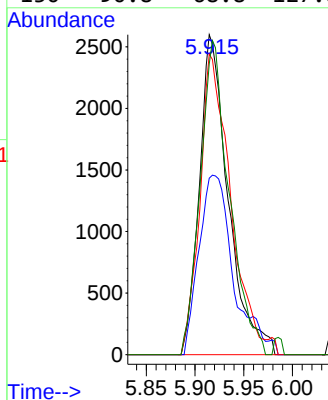
#34
Trichloroethene
Concen: 0.471 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028324.D
Acq: 04 Oct 2022 13:03

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 5348

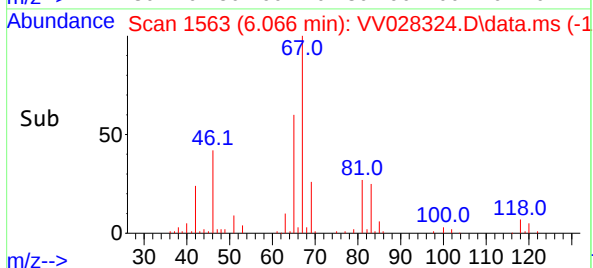
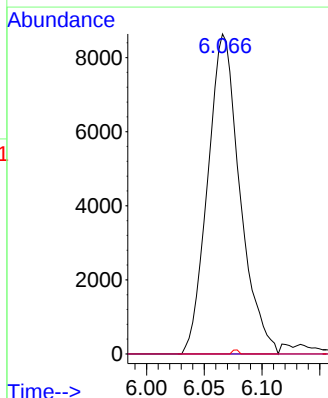
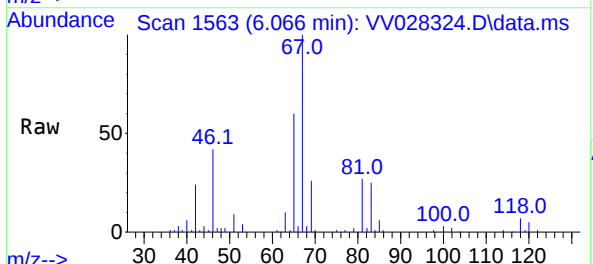
Ion	Ratio	Lower	Upper
95	100		
97	55.1	44.2	82.0
132	93.9	67.8	126.0
130	90.8	68.8	127.8

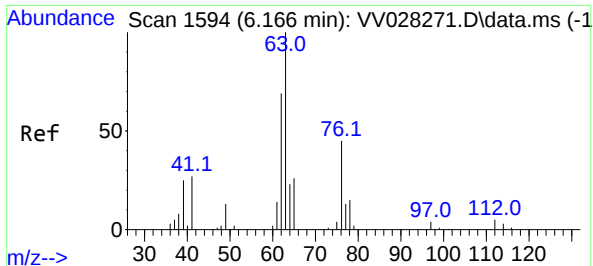


#35
Methylcyclohexane
Concen: 0.903 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028324.D
Acq: 04 Oct 2022 13:03

Tgt Ion: 83 Resp: 16758

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.7	97.1#
98	0.2	39.5	59.3#

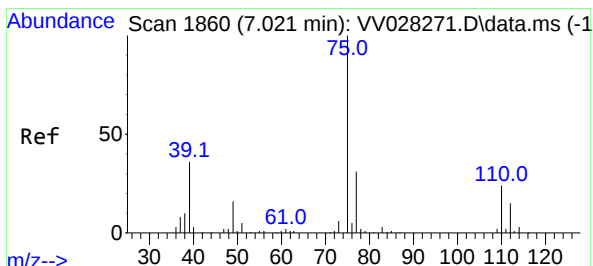
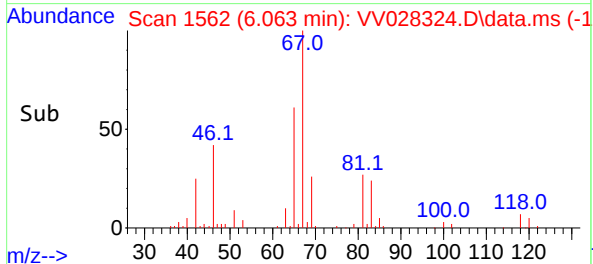
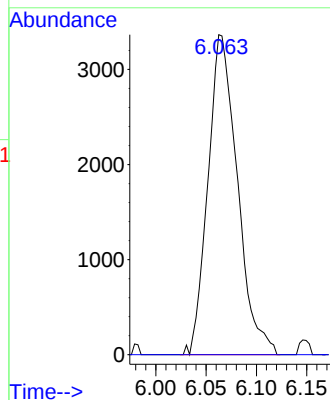
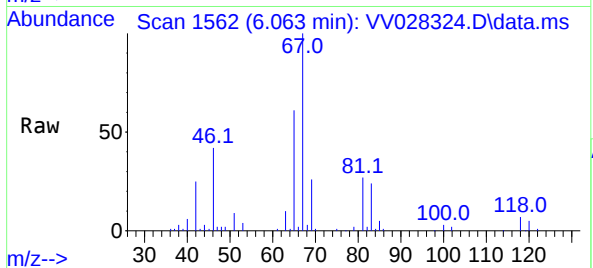




#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV028324.D
Acq: 04 Oct 2022 13:03

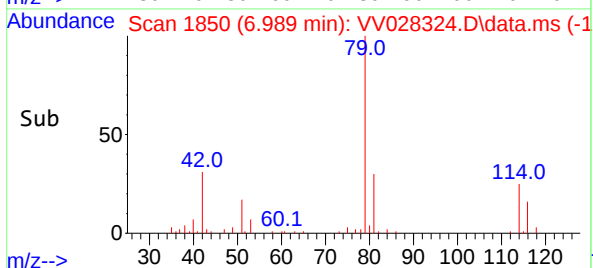
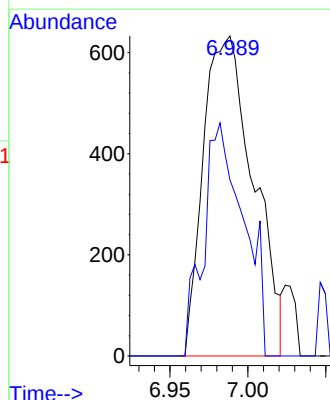
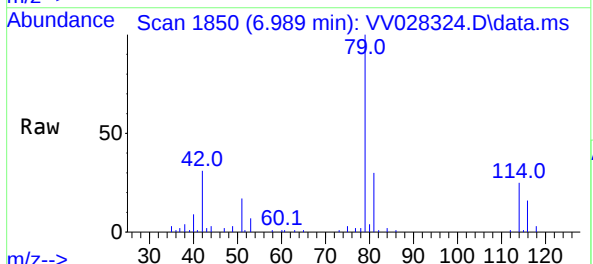
Instrument :
MSVOA_V
ClientSampleId :

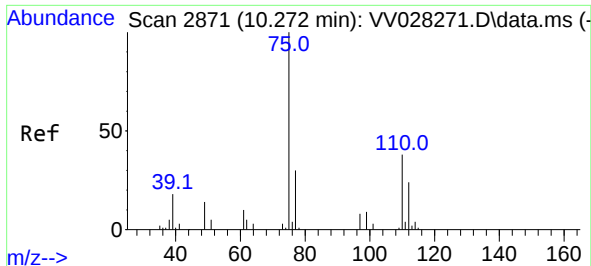
Tgt Ion: 63 Resp: 6852
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.035 min
Lab File: VV028324.D
Acq: 04 Oct 2022 13:03

Tgt Ion: 75 Resp: 1416
Ion Ratio Lower Upper
75 100
77 55.0 22.4 41.6#





#61
1,2,3-Trichloropropane
Concen: 1.341 ug/L
RT: 11.242 min Scan# 31
Delta R.T. 0.971 min
Lab File: VV028324.D
Acq: 04 Oct 2022 13:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 7402
Ion Ratio Lower Upper
75 100
77 30.2 26.7 40.1
110 0.6 30.1 45.1#

