

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028318.D
 Acq On : 04 Oct 2022 10:37
 Operator : SY/MD
 Sample : N4866-14DL 25X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 23:23:12 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	5.606	114	257465	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	252176	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	112623	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	46648	2.411	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	48.200%
7) Chloroethane-d5	1.561	69	51717	3.158	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.200%#
11) 1,1-Dichloroethene-d2	2.098	63	73135	2.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	40.200%#
20) 2-Butanone-d5	3.892	46	195139	59.617	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.240%
24) Chloroform-d	4.336	84	133133	3.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
26) 1,2-Dichloroethane-d4	5.021	65	66532	4.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
32) Benzene-d6	5.037	84	242967	3.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.200%
36) 1,2-Dichloropropane-d6	6.059	67	83171	4.191	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.310	98	183705	2.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.800%#
43) trans-1,3-Dichloroprop...	7.619	79	26089	3.452	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.000%
46) 2-Hexanone-d5	8.085	63	155829	50.372	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.740%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	67348	4.477	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	80679	4.163	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	944	0.048	ug/L #	81
5) Vinyl chloride	1.304	62	15488	0.701	ug/L #	75
6) Bromomethane	1.516	94	2736	0.261	ug/L	93
8) Chloroethane	1.378	64	286652	19.462	ug/L #	50
12) 1,1-Dichloroethene	2.101	96	1479	0.080	ug/L #	1
14) Carbon disulfide	2.285	76	3387	0.059	ug/L #	82
16) Methylene chloride	2.497	84	13209	0.635	ug/L	87
18) trans-1,2-Dichloroethene	2.754	96	2066	0.107	ug/L	86
22) cis-1,2-Dichloroethene	3.899	96	97064	5.011	ug/L	94
25) Chloroform	4.365	83	5234	0.146	ug/L	89
34) Trichloroethene	5.908	95	16328	0.869	ug/L	92
35) Methylcyclohexane	6.059	83	19836	0.646	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	9209	0.530	ug/L #	88
39) cis-1,3-Dichloropropene	6.979	75	1793	0.072	ug/L #	81
47) Tetrachloroethene	7.969	164	15537	0.946	ug/L	95
49) Dibromochloromethane	7.969	129	13284	0.814	ug/L #	11
61) 1,2,3-Trichloropropane	11.243	75	11931	1.373	ug/L #	64
70) 1,2,4-trichlorobenzene	13.265	180	2511	0.123	ug/L	90

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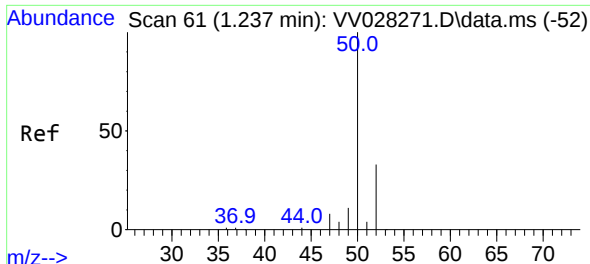
Quant Time: Oct 04 23:23:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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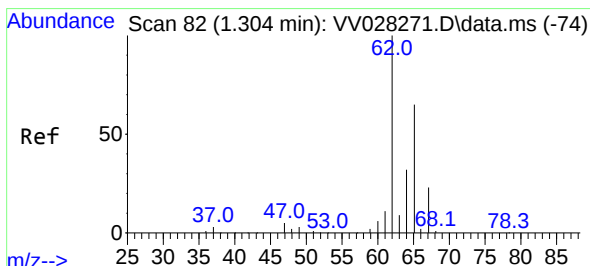
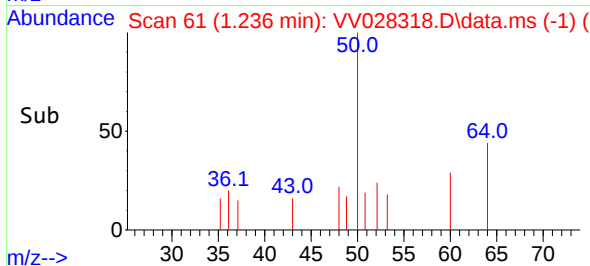
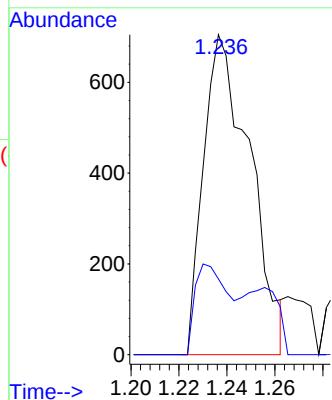
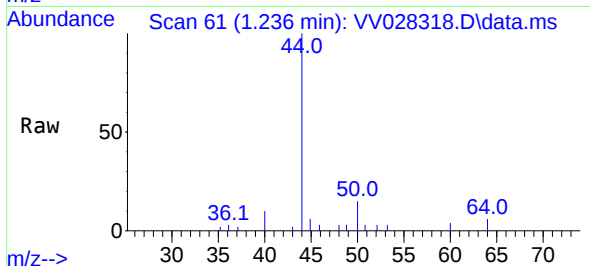




#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37

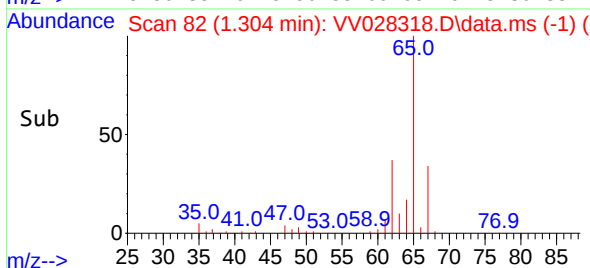
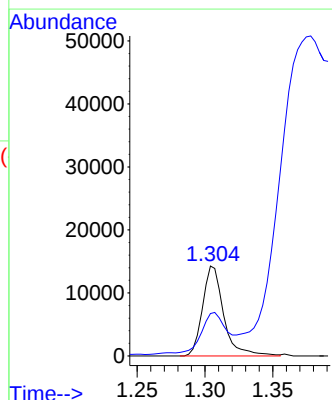
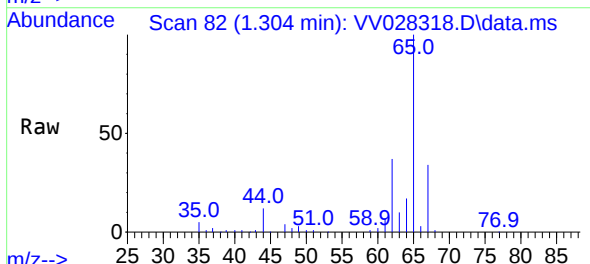
Instrument :
MSVOA_V
ClientSampleId :

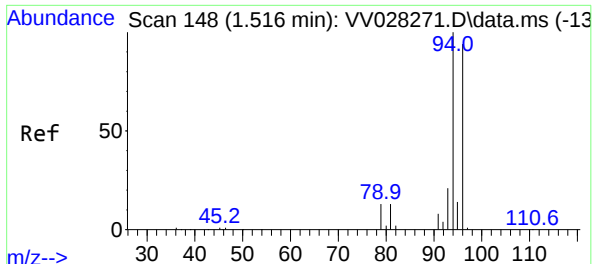
Tgt Ion: 50 Resp: 944
Ion Ratio Lower Upper
50 100
52 23.7 24.4 45.2#



#5
Vinyl chloride
Concen: 0.701 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37

Tgt Ion: 62 Resp: 15488
Ion Ratio Lower Upper
62 100
64 47.2 23.0 42.8#

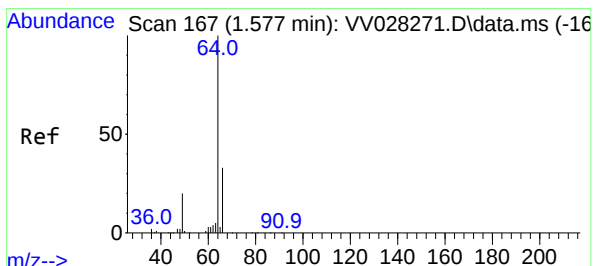
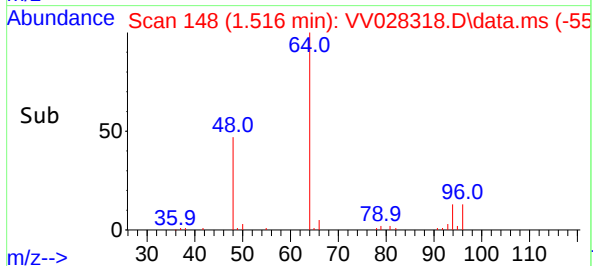
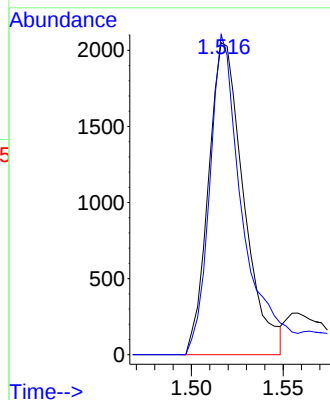
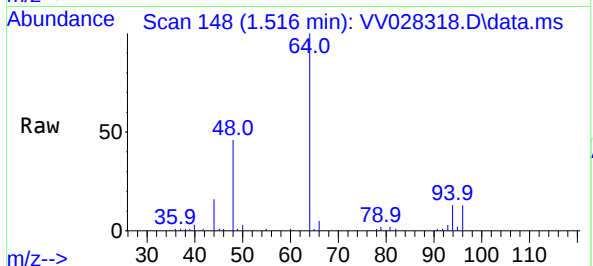




#6
Bromomethane
Concen: 0.261 ug/L
RT: 1.516 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37

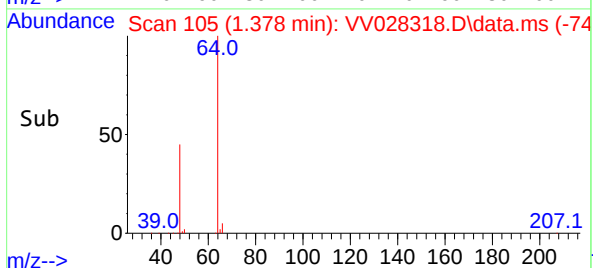
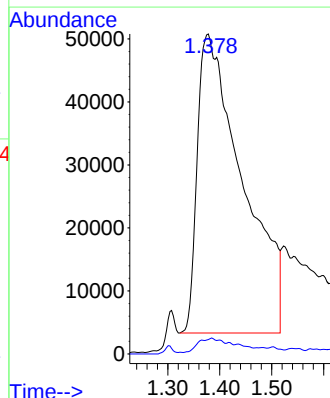
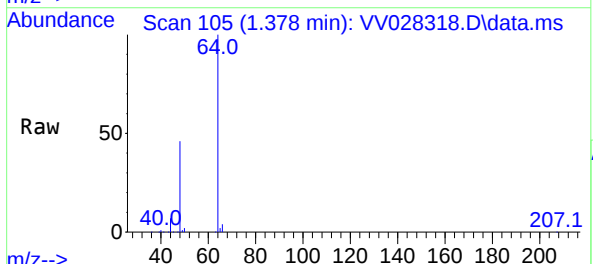
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MSVOA_V
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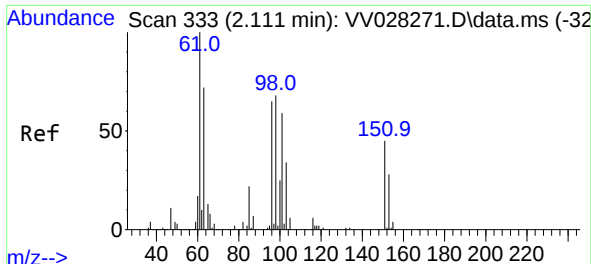
Tgt Ion: 94 Resp: 2736
Ion Ratio Lower Upper
94 100
96 102.6 66.7 123.9



#8
Chloroethane
Concen: 19.462 ug/L
RT: 1.378 min Scan# 105
Delta R.T. -0.199 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37

Tgt Ion: 64 Resp: 286652
Ion Ratio Lower Upper
64 100
66 4.5 23.0 42.8#





#12

1,1-Dichloroethene

Concen: 0.080 ug/L

RT: 2.101 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV028318.D

Acq: 04 Oct 2022 10:37

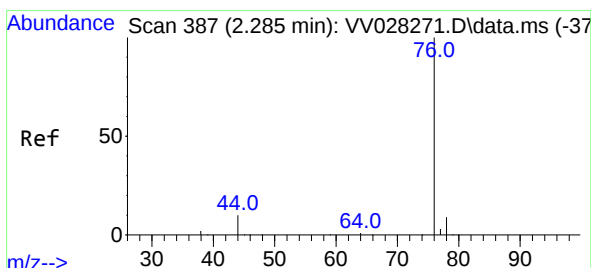
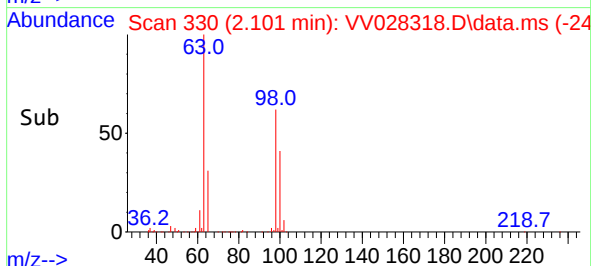
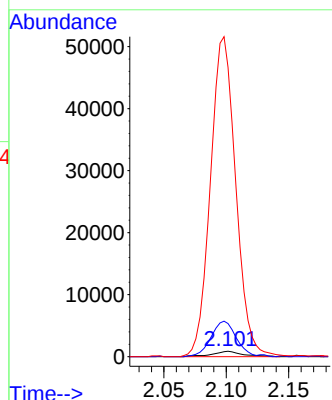
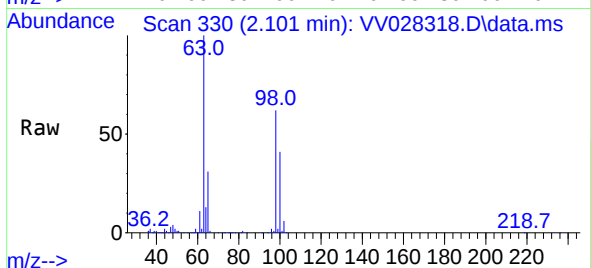
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 1479

Ion	Ratio	Lower	Upper
96	100		
61	615.4	128.3	238.3#
63	5368.9	112.7	209.3#



#14

Carbon disulfide

Concen: 0.059 ug/L

RT: 2.285 min Scan# 387

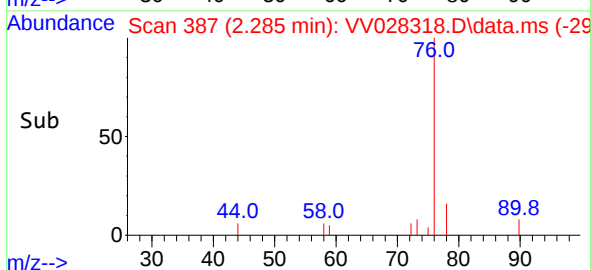
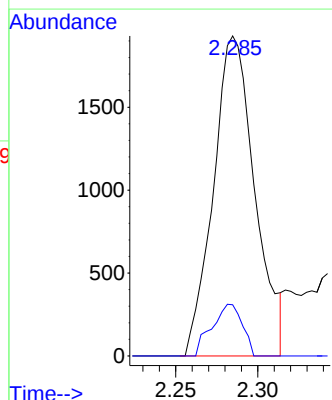
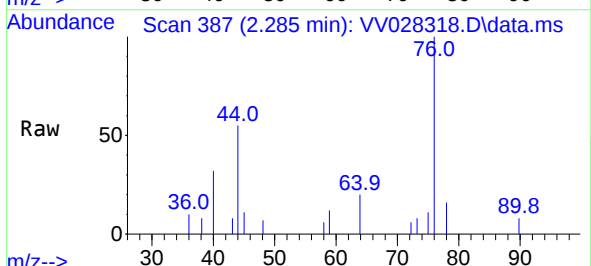
Delta R.T. 0.000 min

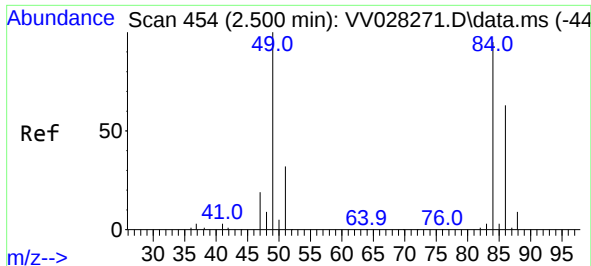
Lab File: VV028318.D

Acq: 04 Oct 2022 10:37

Tgt Ion: 76 Resp: 3387

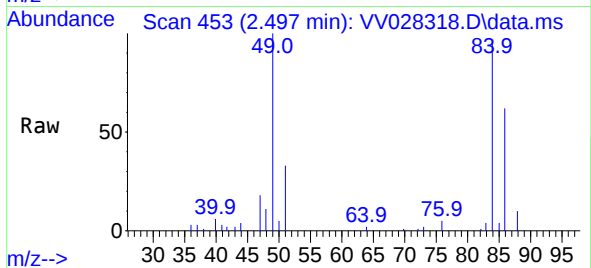
Ion	Ratio	Lower	Upper
76	100		
78	16.0	7.6	11.4#



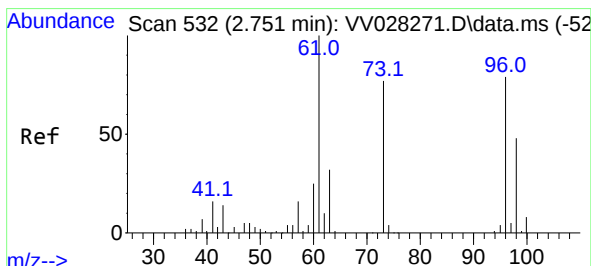
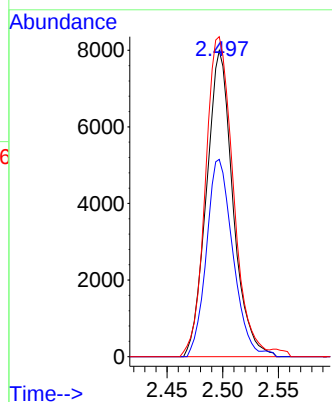
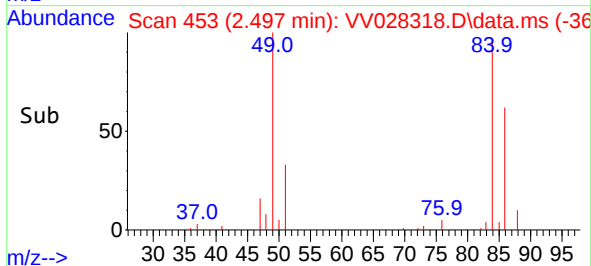


#16
Methylene chloride
Concen: 0.635 ug/L
RT: 2.497 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37

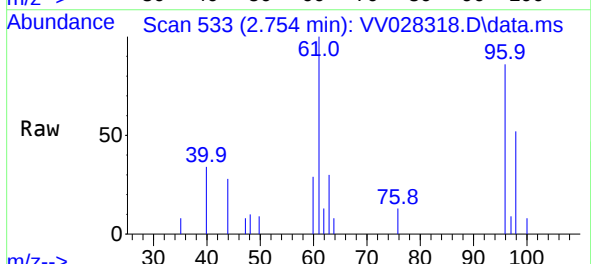
Instrument :
MSVOA_V
ClientSampleId :



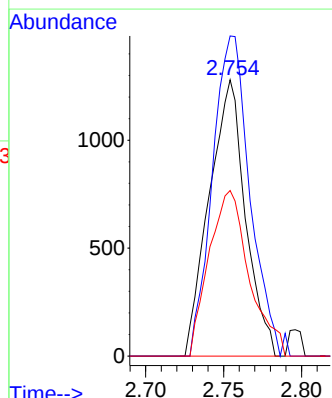
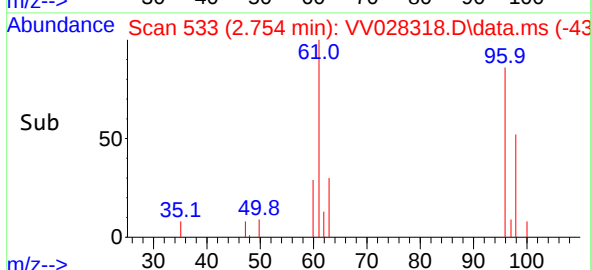
Tgt Ion: 84 Resp: 13209
Ion Ratio Lower Upper
84 100
86 64.5 46.8 86.8
49 104.6 87.5 162.5

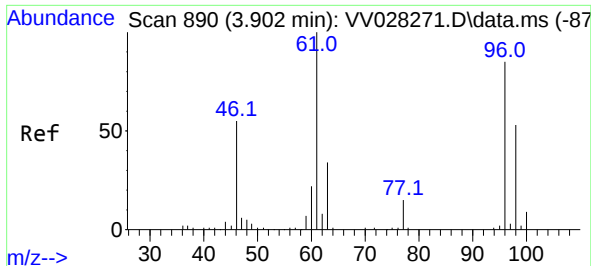


#18
trans-1,2-Dichloroethene
Concen: 0.107 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37



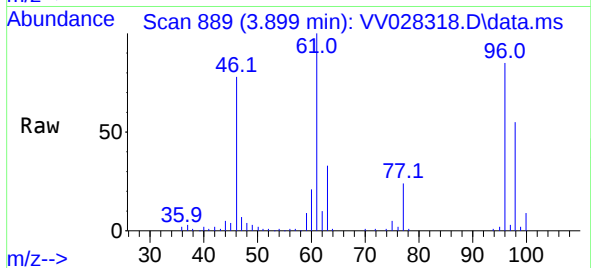
Tgt Ion: 96 Resp: 2066
Ion Ratio Lower Upper
96 100
61 115.9 96.2 178.6
98 59.9 45.7 84.9



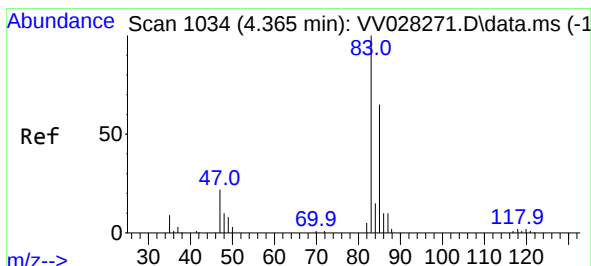
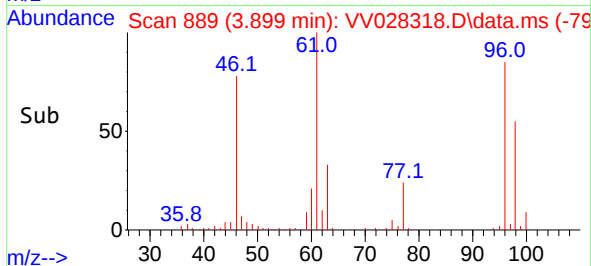
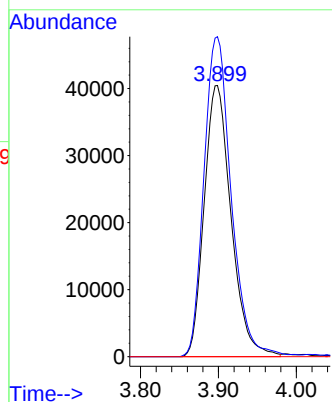


#22
cis-1,2-Dichloroethene
Concen: 5.011 ug/L
RT: 3.899 min Scan# 890
Delta R.T. -0.006 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37

Instrument :
MSVOA_V
ClientSampleId :

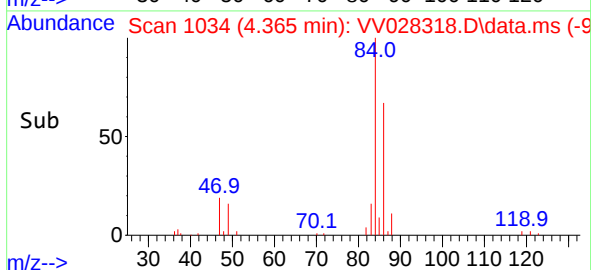
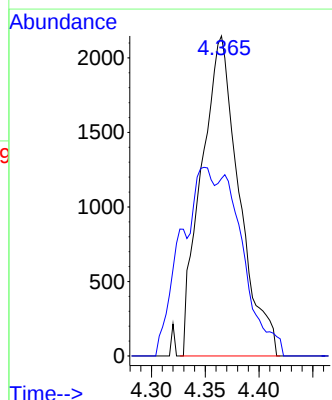
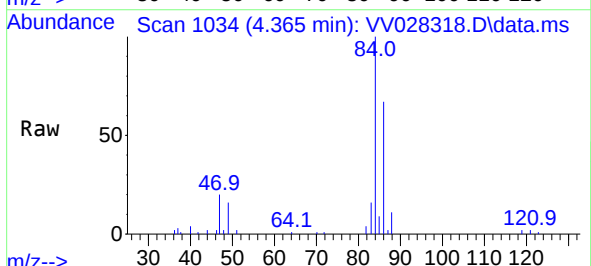


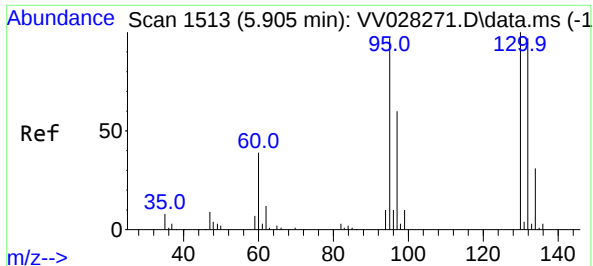
Tgt Ion: 96 Resp: 97064
Ion Ratio Lower Upper
96 100
61 118.0 87.2 161.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.146 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37

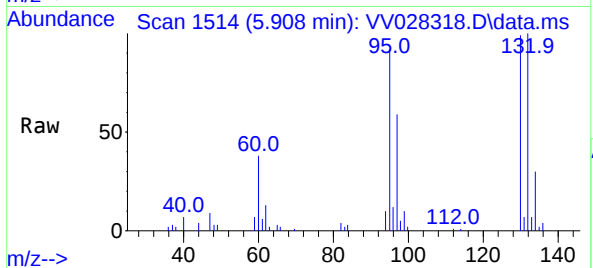
Tgt Ion: 83 Resp: 5234
Ion Ratio Lower Upper
83 100
85 55.5 45.1 83.7





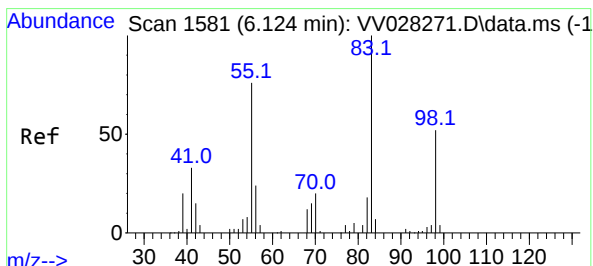
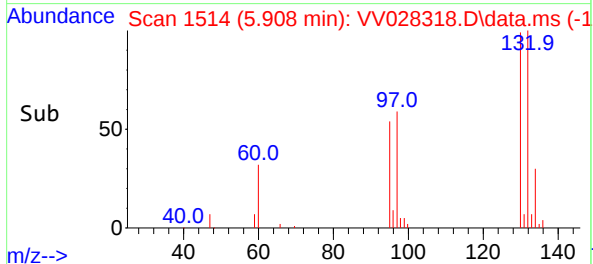
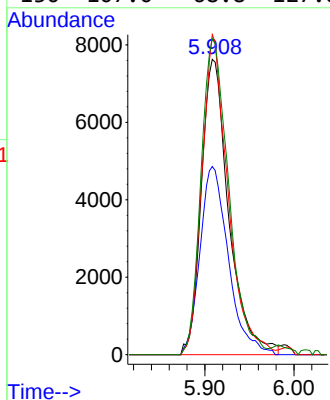
#34
Trichloroethene
Concen: 0.869 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 16328

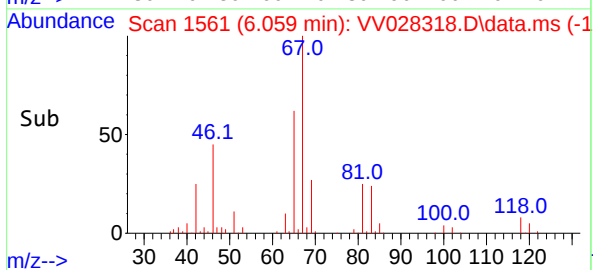
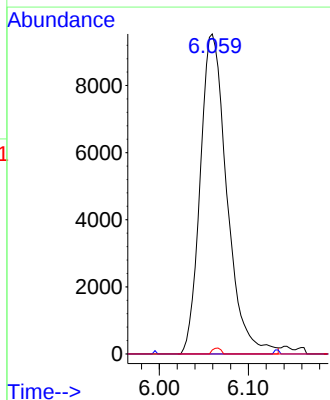
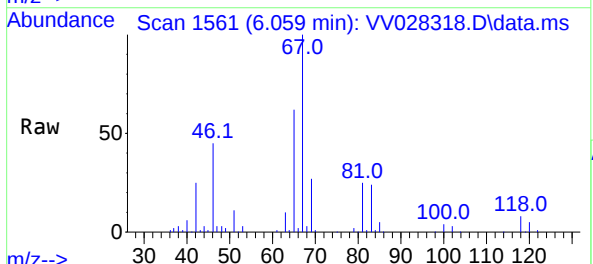
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.2	82.0
132	108.3	67.8	126.0
130	107.0	68.8	127.8

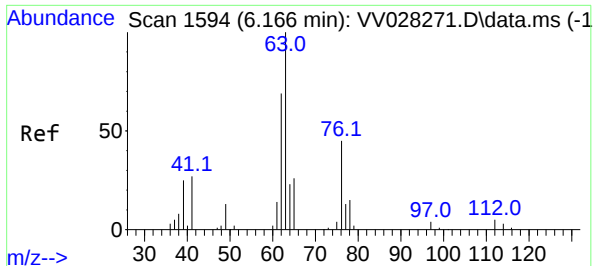


#35
Methylcyclohexane
Concen: 0.646 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.064 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37

Tgt Ion: 83 Resp: 19836

Ion	Ratio	Lower	Upper
83	100		
55	0.2	64.7	97.1#
98	0.6	39.5	59.3#

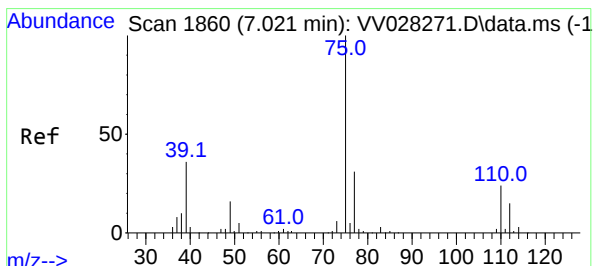
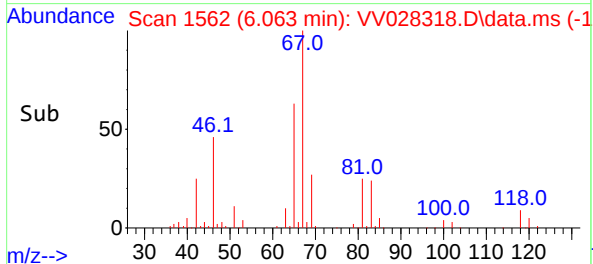
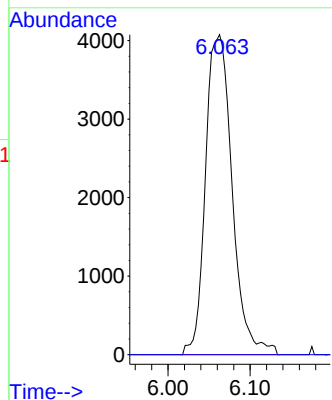
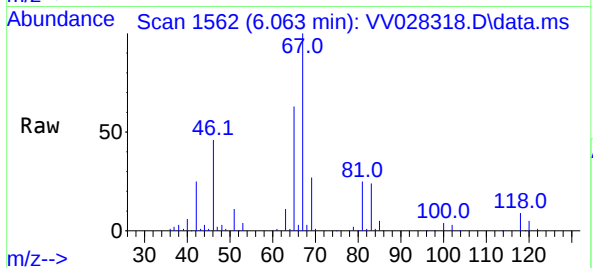




#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37

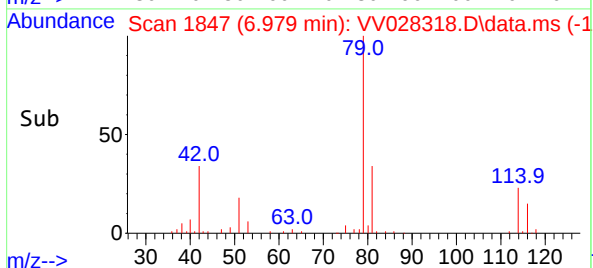
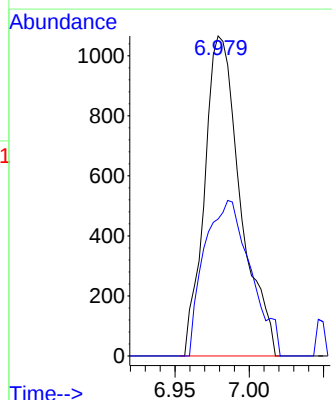
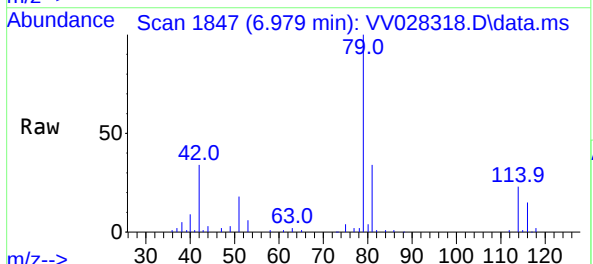
Instrument :
MSVOA_V
ClientSampleId :

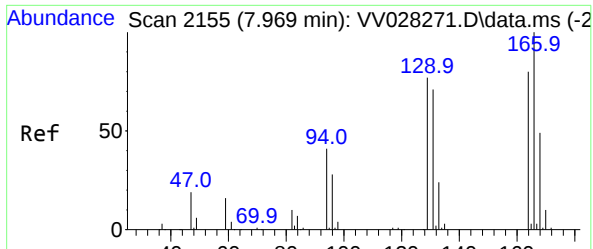
Tgt Ion: 63 Resp: 9209
Ion Ratio Lower Upper
63 100
112 0.4 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. -0.045 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37

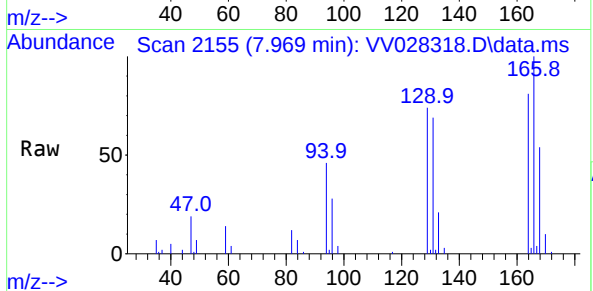
Tgt Ion: 75 Resp: 1793
Ion Ratio Lower Upper
75 100
77 42.8 22.4 41.6#





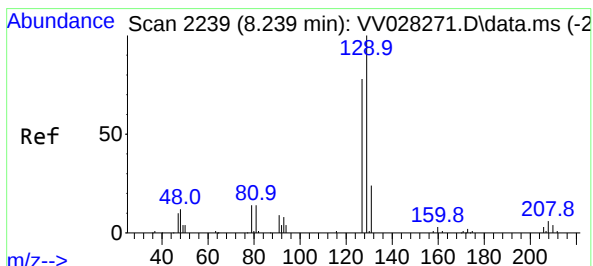
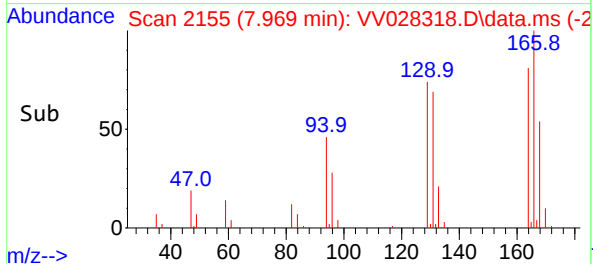
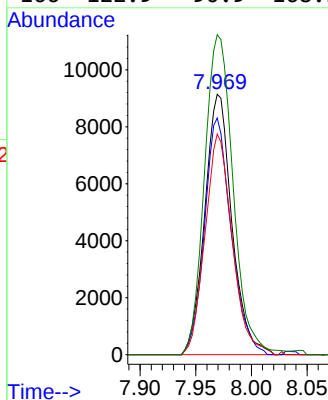
#47
Tetrachloroethene
Concen: 0.946 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 15537

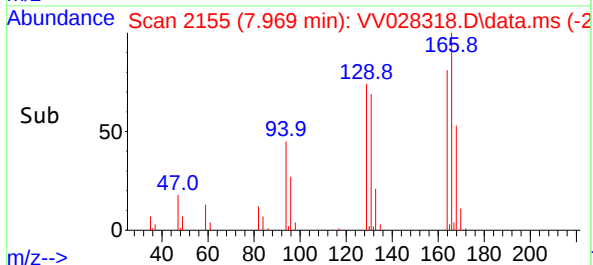
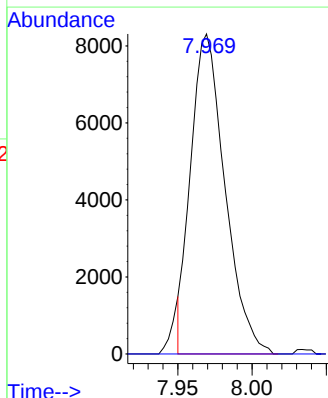
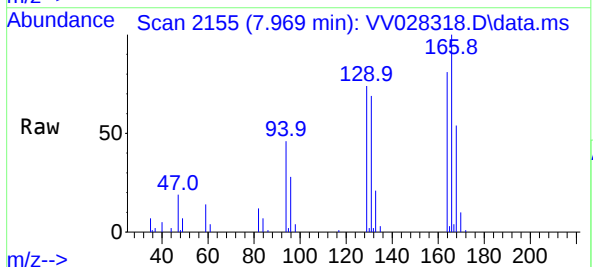
Ion	Ratio	Lower	Upper
164	100		
129	90.9	66.7	123.9
131	84.7	61.7	114.5
166	122.9	90.9	168.9

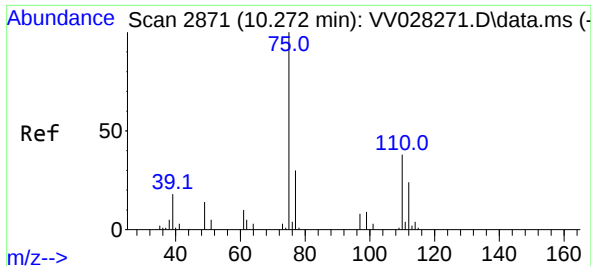


#49
Dibromochloromethane
Concen: 0.814 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.273 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37

Tgt Ion:129 Resp: 13284

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9#

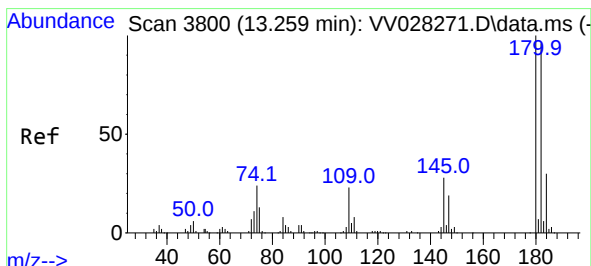
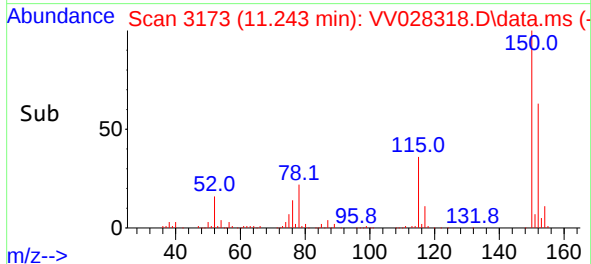
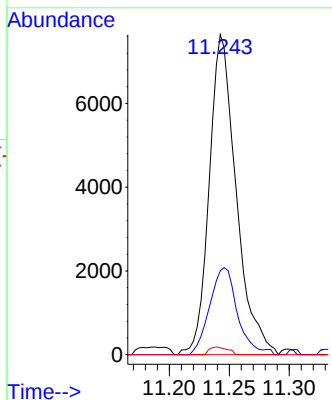
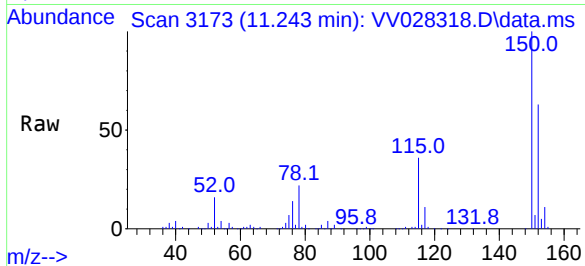




#61
1,2,3-Trichloropropane
Concen: 1.373 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.971 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 11931
Ion Ratio Lower Upper
75 100
77 28.0 26.7 40.1
110 1.6 30.1 45.1#



#70
1,2,4-trichlorobenzene
Concen: 0.123 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.007 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37

Tgt Ion:180 Resp: 2511
Ion Ratio Lower Upper
180 100
182 84.3 76.3 114.5
145 31.3 22.9 34.3

