

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028313.D
 Acq On : 04 Oct 2022 05:42
 Operator : SY/MD
 Sample : N4866-08MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 06:19:10 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	165097	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	168388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	93676	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	417203	33.631	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	672.600%#	
7) Chloroethane-d5	1.561	69	45230	4.307	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.200%	
11) 1,1-Dichloroethene-d2	2.105	63	101838	4.356	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.200%	
20) 2-Butanone-d5	3.908	46	181630	86.536	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	173.080%#	
24) Chloroform-d	4.343	84	129248	5.751	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	115.000%	
26) 1,2-Dichloroethane-d4	5.027	65	62324	5.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	119.600%	
32) Benzene-d6	5.047	84	227452	4.924	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
36) 1,2-Dichloropropane-d6	6.066	67	76914	5.804	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	116.000%	
41) Toluene-d8	7.310	98	202050	4.756	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
43) trans-1,3-Dichloroprop...	7.619	79	19263	3.817	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.400%	
46) 2-Hexanone-d5	8.085	63	151817	73.495	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	146.980%#	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	69464	6.916	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	138.400%#	
66) 1,2-Dichlorobenzene-d4	11.619	152	85499	5.303	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	47106	3.547	ug/L	91
3) Chloromethane	1.237	50	46172	3.669	ug/L	99
6) Bromomethane	1.516	94	17254	2.564	ug/L	99
8) Chloroethane	1.298	64	12992556	1375.640	ug/L #	42
9) Trichlorofluoromethane	1.748	101	83705	3.931	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	44984	3.777	ug/L	98
12) 1,1-Dichloroethene	2.111	96	78615	6.638	ug/L #	67
13) Acetone	2.201	43	87041	63.154	ug/L	91
14) Carbon disulfide	2.288	76	181498	4.919	ug/L	99
15) Methyl Acetate	2.442	43	8826	2.353	ug/L	98
16) Methylene chloride	2.500	84	64917	4.870	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	142705	5.869	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	297107	24.087	ug/L	95
19) 1,1-Dichloroethane	3.182	63	113880	5.421	ug/L	97
21) 2-Butanone	3.995	43	125192	59.835	ug/L	98
23) Bromochloromethane	4.243	128	29047	5.280	ug/L	93
25) Chloroform	4.368	83	120109	5.213	ug/L	100
27) 1,2-Dichloroethane	5.127	62	70597	5.720	ug/L #	91
29) 1,1,1-Trichloroethane	4.600	97	97678	4.702	ug/L	96

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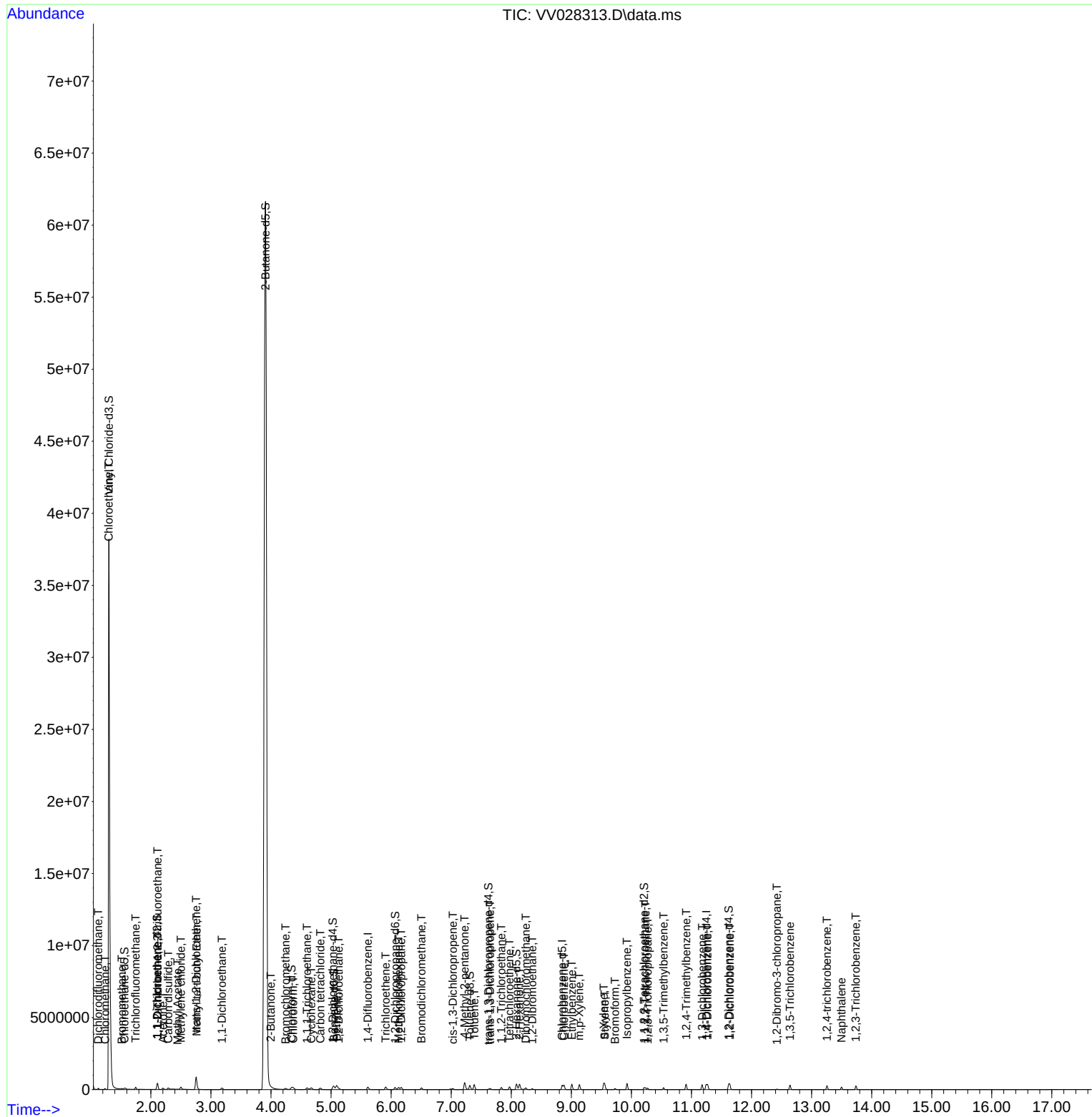
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.670	56	63966	3.574	ug/L	93
31) Carbon tetrachloride	4.822	117	81653	4.382	ug/L	98
33) Benzene	5.095	78	293386	5.853	ug/L	100
34) Trichloroethene	5.908	95	67554	5.382	ug/L	96
35) Methylcyclohexane	6.124	83	60594	2.957	ug/L	96
37) 1,2-Dichloropropane	6.169	63	64267	5.536	ug/L	97
38) Bromodichloromethane	6.506	83	83917	5.241	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	56168	3.389	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	340199	63.781	ug/L	95
42) Toluene	7.384	91	267866	5.078	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	47705	3.389	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	50436	5.857	ug/L	99
47) Tetrachloroethene	7.969	164	45280	4.128	ug/L	95
48) 2-Hexanone	8.137	43	249218	66.711	ug/L	97
49) Dibromochloromethane	8.243	129	60147	5.519	ug/L	100
50) 1,2-Dibromoethane	8.349	107	44915	5.796	ug/L	97
51) Chlorobenzene	8.876	112	175983	5.017	ug/L	99
52) Ethylbenzene	9.008	91	259248	4.677	ug/L	97
53) m,p-Xylene	9.133	106	103362	4.678	ug/L	98
54) o-Xylene	9.538	106	102435	4.901	ug/L	99
55) Styrene	9.558	104	158391	4.410	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	61508	6.295	ug/L	98
59) Bromoform	9.728	173	33677	5.458	ug/L	99
60) Isopropylbenzene	9.928	105	271300	4.733	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	42811	5.923	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	70409	4.323	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	208820	4.524	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	144328	5.125	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	142445	5.052	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	139598	5.466	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	8887	5.398	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	104422	4.688	ug/L	100
70) 1,2,4-trichlorobenzene	13.255	180	87230	5.139	ug/L	100
71) Naphthalene	13.496	128	142574	5.378	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	82534	5.394	ug/L	99

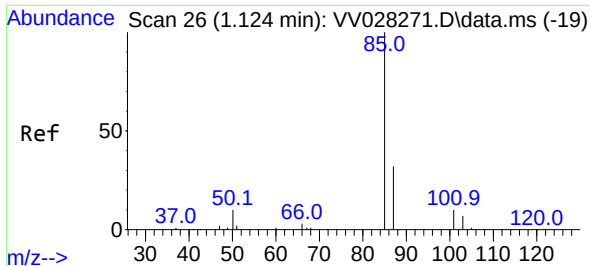
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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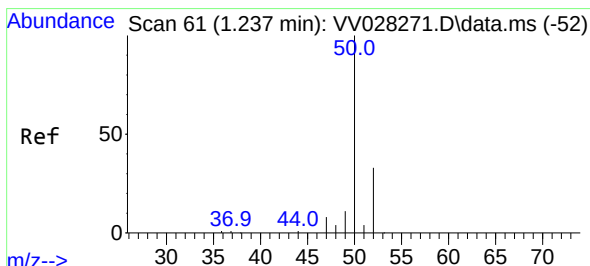
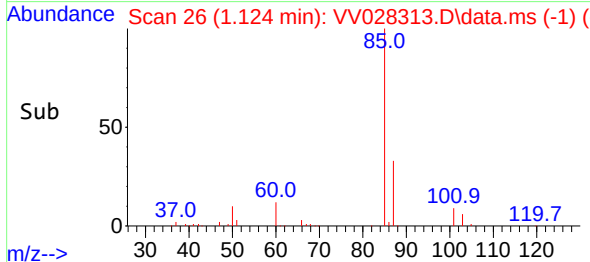
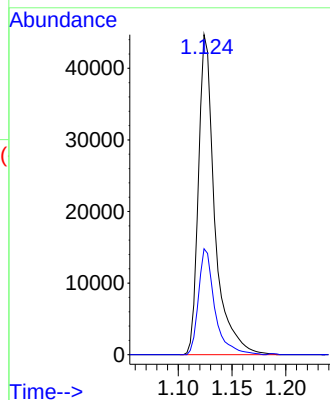
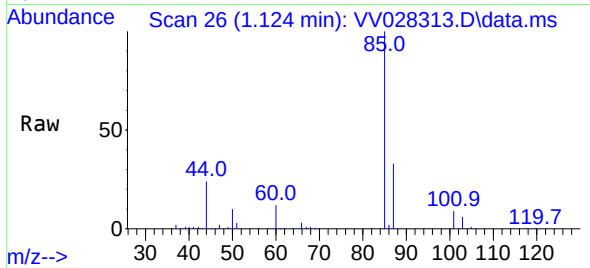




#2
 Dichlorodifluoromethane
 Concen: 3.547 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028313.D
 Acq: 04 Oct 2022 05:42

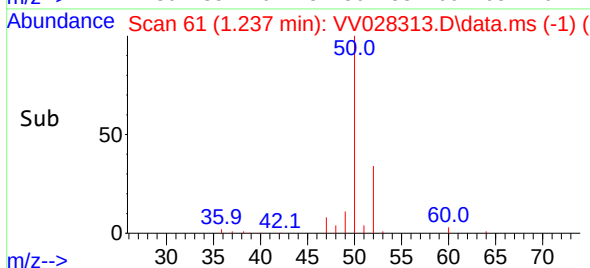
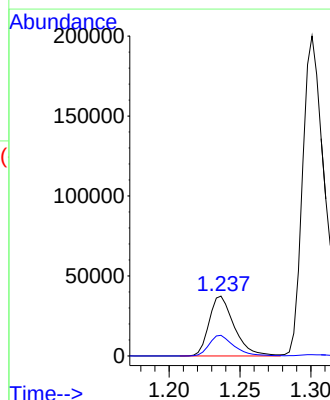
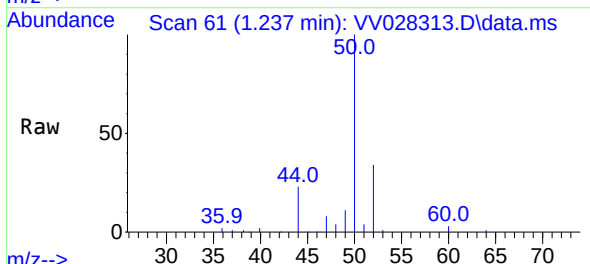
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 ClientSampleId :

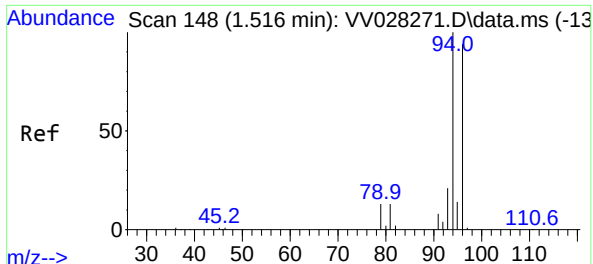
Tgt Ion: 85 Resp: 47106
 Ion Ratio Lower Upper
 85 100
 87 33.2 22.8 34.2



#3
 Chloromethane
 Concen: 3.669 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028313.D
 Acq: 04 Oct 2022 05:42

Tgt Ion: 50 Resp: 46172
 Ion Ratio Lower Upper
 50 100
 52 34.5 24.4 45.2

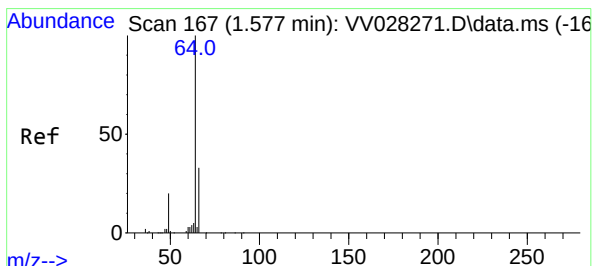
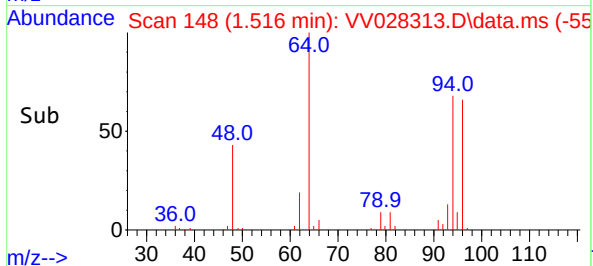
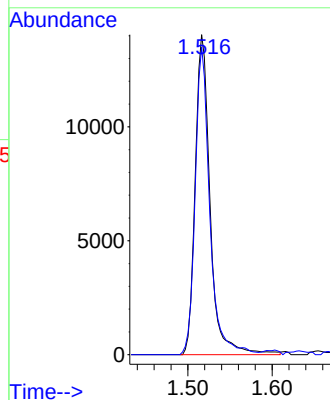
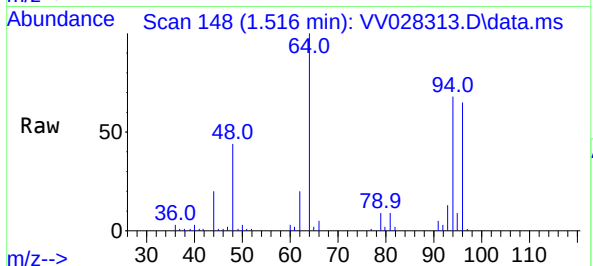




#6
Bromomethane
Concen: 2.564 ug/L
RT: 1.516 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

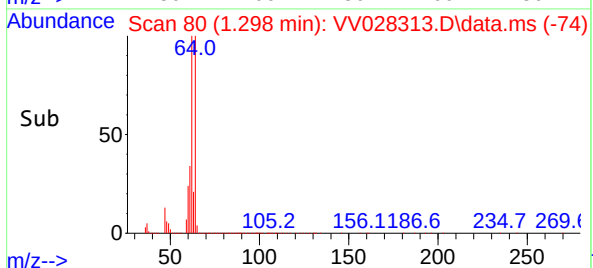
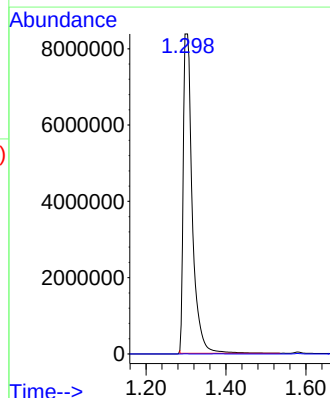
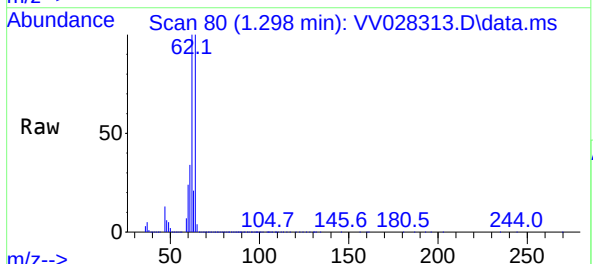
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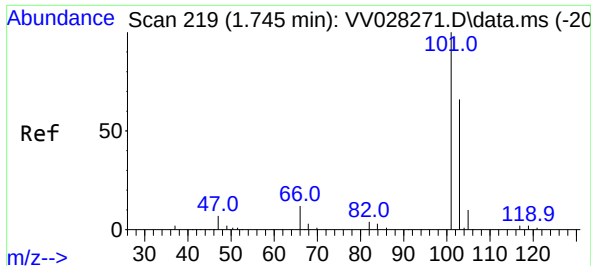
Tgt Ion: 94 Resp: 17254
Ion Ratio Lower Upper
94 100
96 96.2 66.7 123.9



#8
Chloroethane
Concen: 1375.640 ug/L
RT: 1.298 min Scan# 80
Delta R.T. -0.280 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Tgt Ion: 64 Resp:12992556
Ion Ratio Lower Upper
64 100
66 0.0 23.0 42.8#

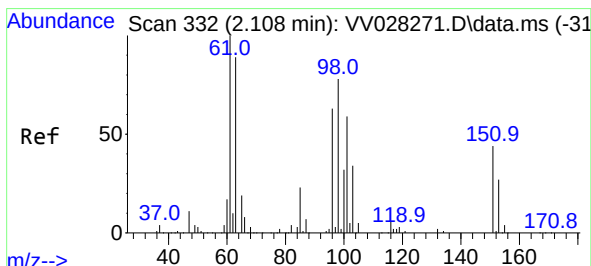
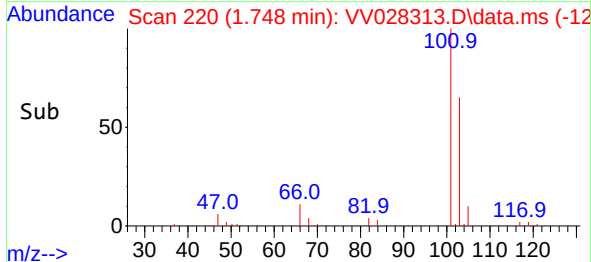
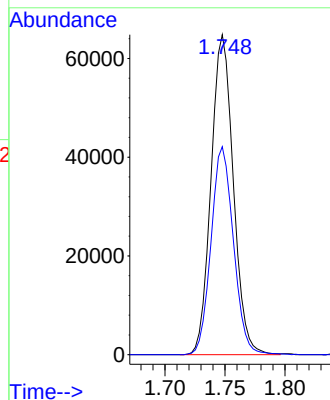
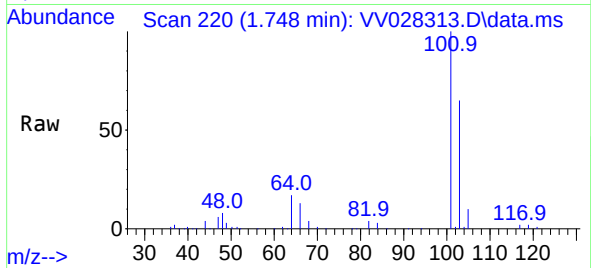




#9
 Trichlorofluoromethane
 Concen: 3.931 ug/L
 RT: 1.748 min Scan# 219
 Delta R.T. 0.003 min
 Lab File: VV028313.D
 Acq: 04 Oct 2022 05:42

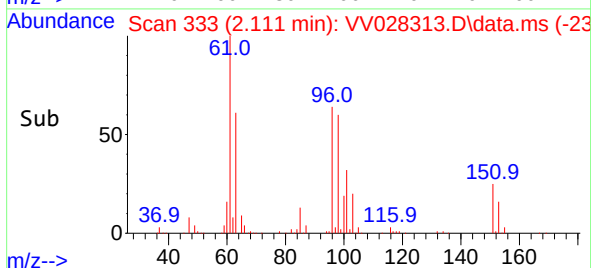
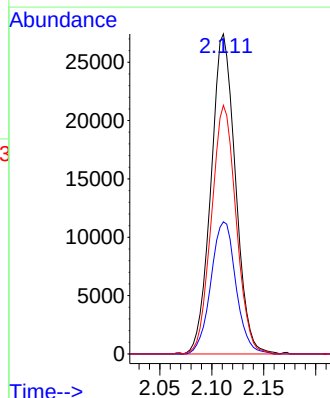
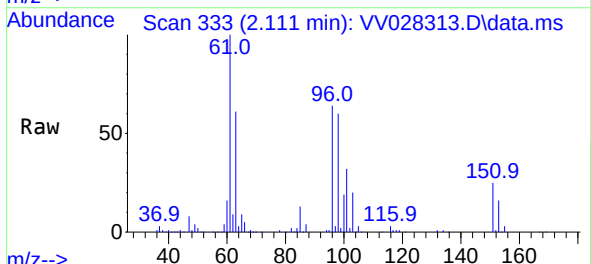
Instrument :
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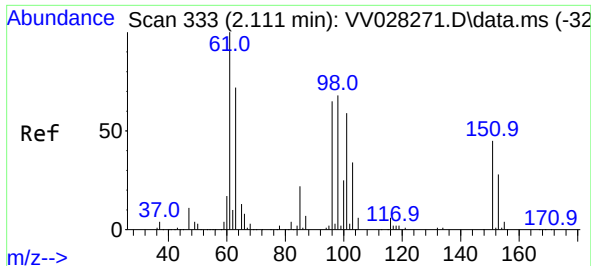
Tgt Ion:101 Resp: 83705
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.0



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.777 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV028313.D
 Acq: 04 Oct 2022 05:42

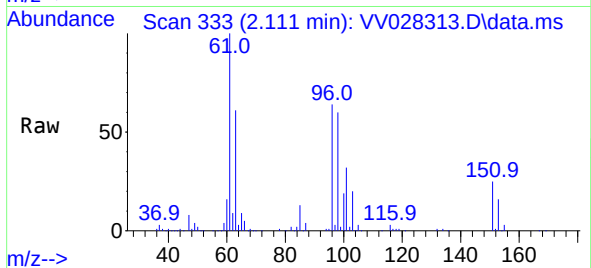
Tgt Ion:101 Resp: 44984
 Ion Ratio Lower Upper
 101 100
 85 42.2 34.4 51.6
 151 78.3 61.1 91.7



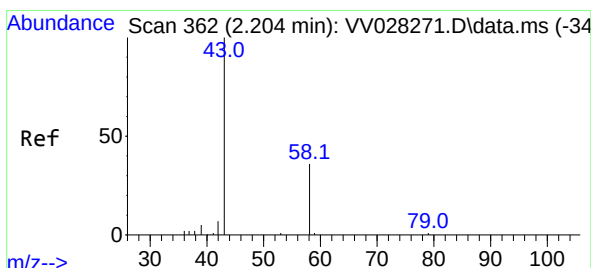
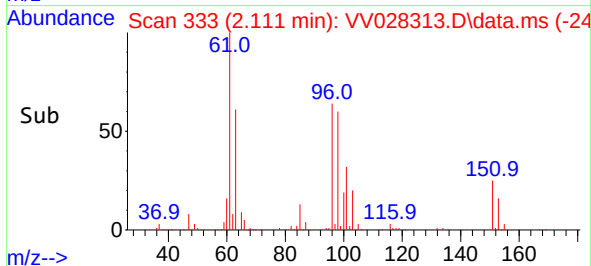
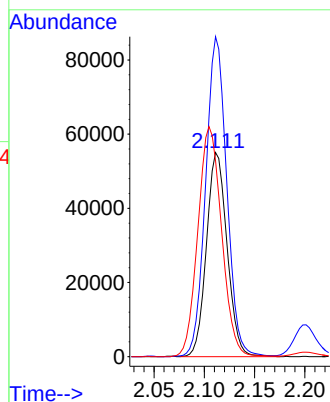


#12
1,1-Dichloroethene
Concen: 6.638 ug/L
RT: 2.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

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ClientSampleId :

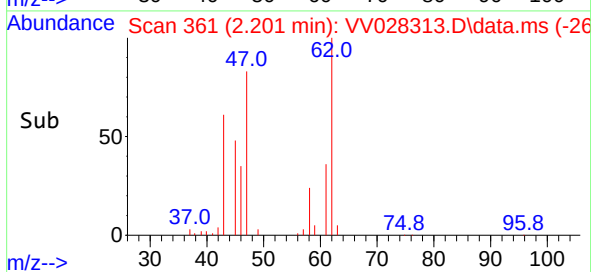
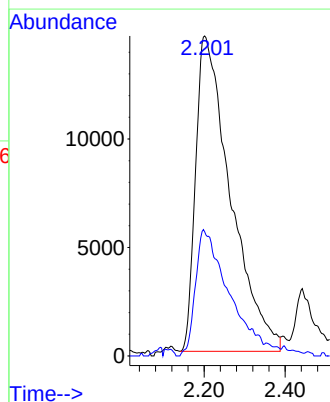
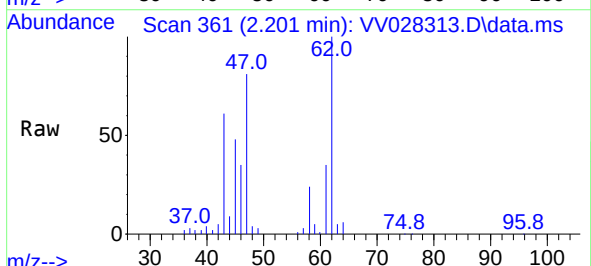


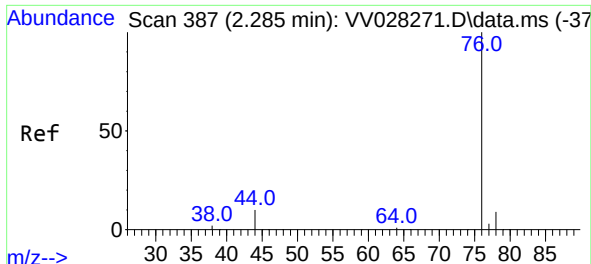
Tgt Ion: 96 Resp: 78615
Ion Ratio Lower Upper
96 100
61 156.8 128.3 238.3
63 95.9 112.7 209.3#



#13
Acetone
Concen: 63.154 ug/L
RT: 2.201 min Scan# 361
Delta R.T. 0.026 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Tgt Ion: 43 Resp: 87041
Ion Ratio Lower Upper
43 100
58 37.9 0.0 65.6

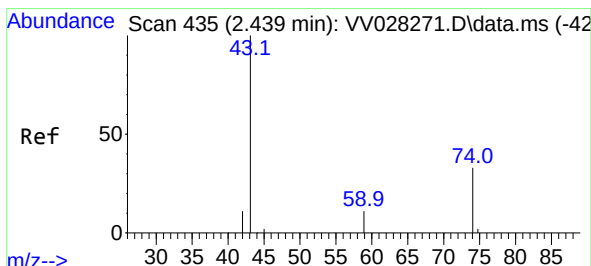
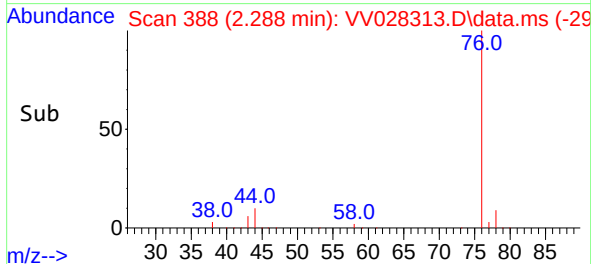
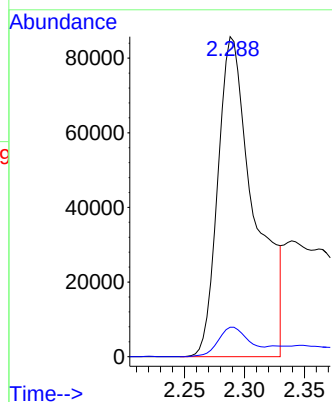
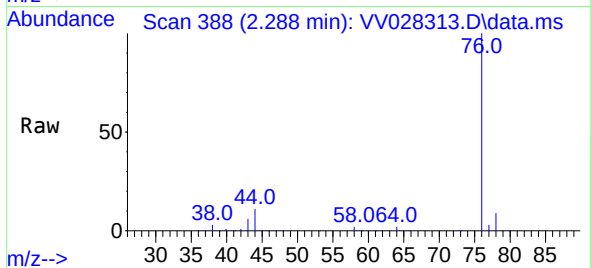




#14
Carbon disulfide
Concen: 4.919 ug/L
RT: 2.288 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

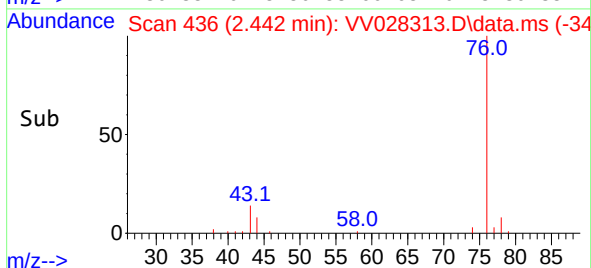
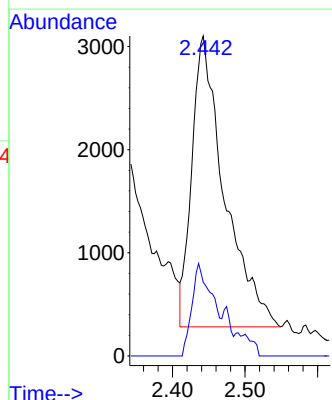
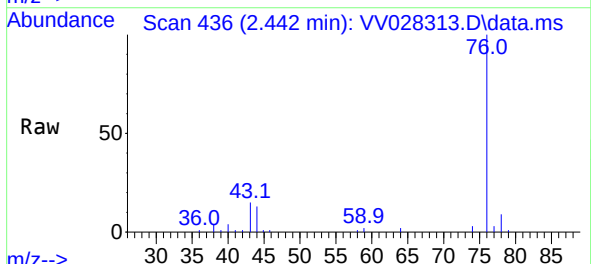
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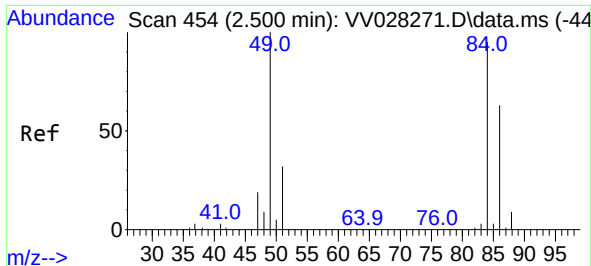
Tgt Ion: 76 Resp: 181498
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#15
Methyl Acetate
Concen: 2.353 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.010 min
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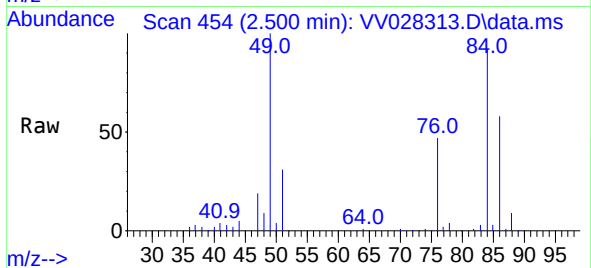
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Ion Ratio Lower Upper
43 100
74 20.2 16.9 25.3



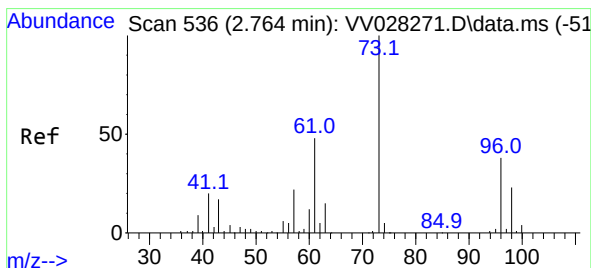
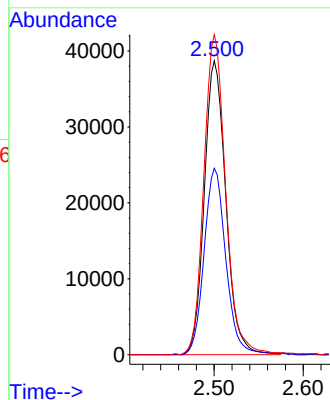
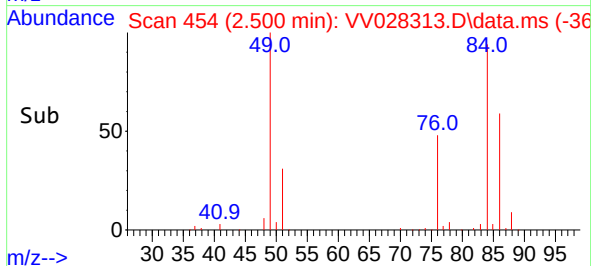


#16
Methylene chloride
Concen: 4.870 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Instrument :
MSVOA_V
ClientSampleId :

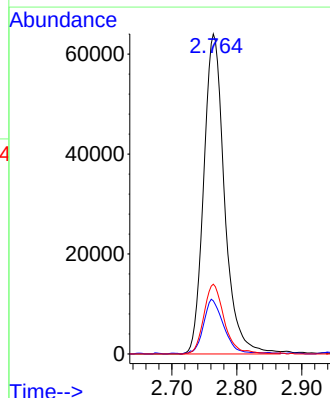
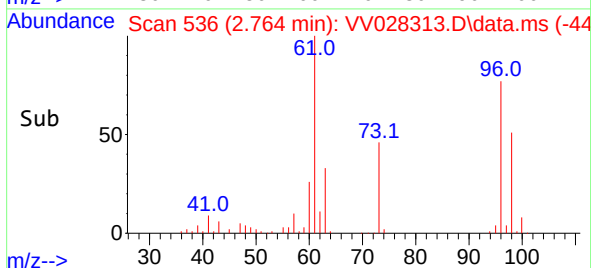
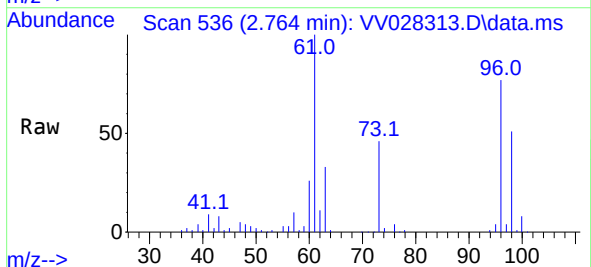


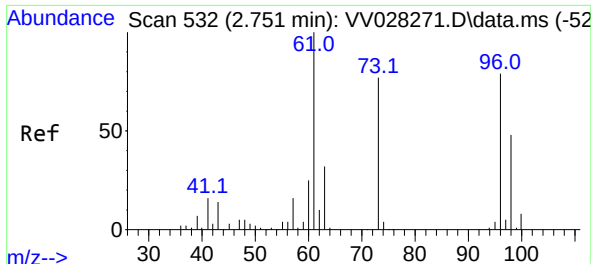
Tgt Ion: 84 Resp: 64917
Ion Ratio Lower Upper
84 100
86 63.4 46.8 86.8
49 108.9 87.5 162.5



#17
Methyl tert-butyl Ether
Concen: 5.869 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

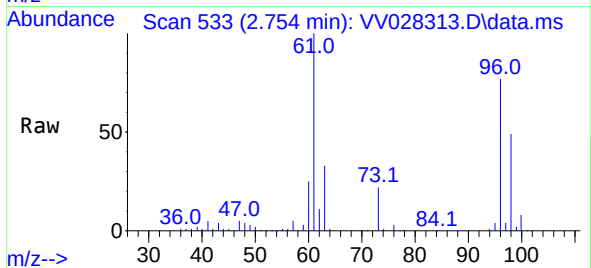
Tgt Ion: 73 Resp: 142705
Ion Ratio Lower Upper
73 100
43 16.5 15.7 23.5
57 21.4 17.8 26.8



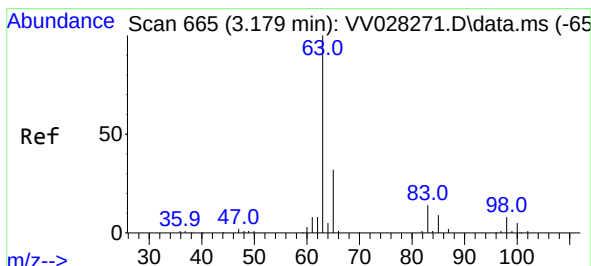
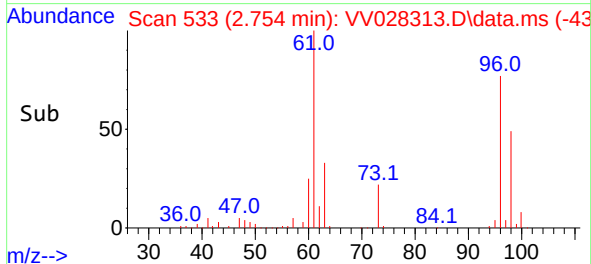
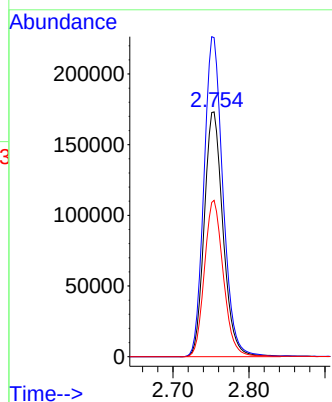


#18
trans-1,2-Dichloroethene
Concen: 24.087 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Instrument :
MSVOA_V
ClientSampleId :

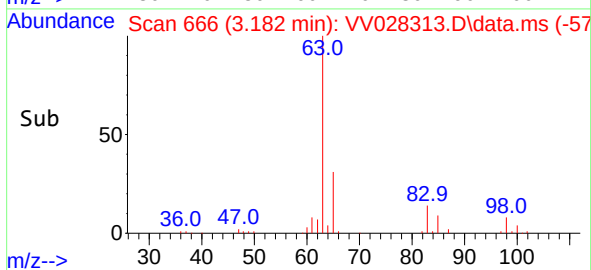
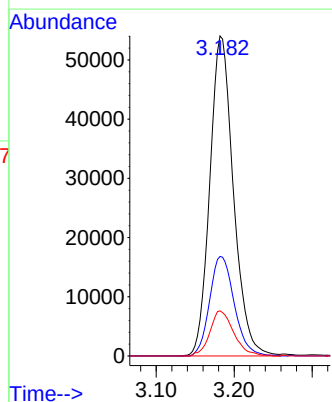
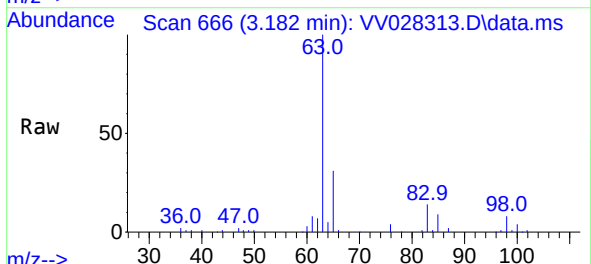


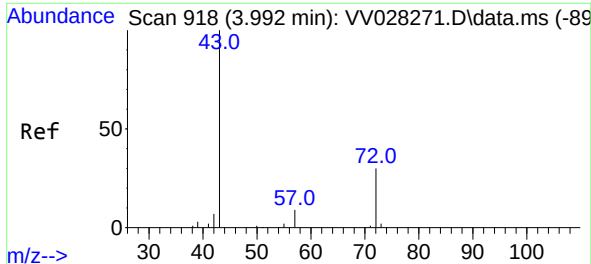
Tgt Ion: 96 Resp: 297107
Ion Ratio Lower Upper
96 100
61 130.3 96.2 178.6
98 63.9 45.7 84.9



#19
1,1-Dichloroethane
Concen: 5.421 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.000 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Tgt Ion: 63 Resp: 113880
Ion Ratio Lower Upper
63 100
65 31.1 23.0 42.8
83 14.1 9.2 17.2

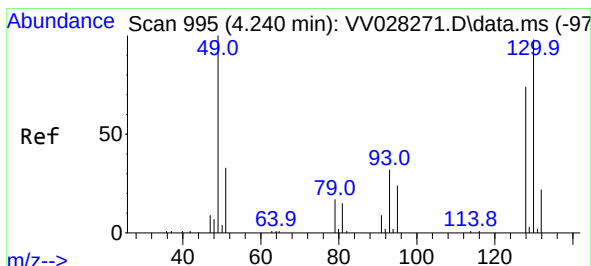
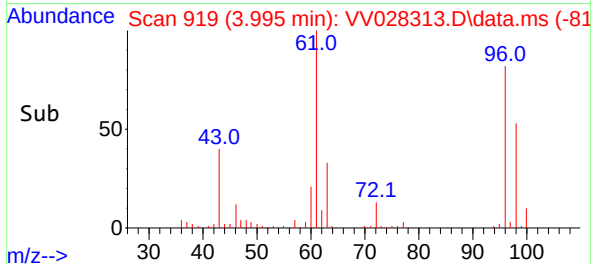
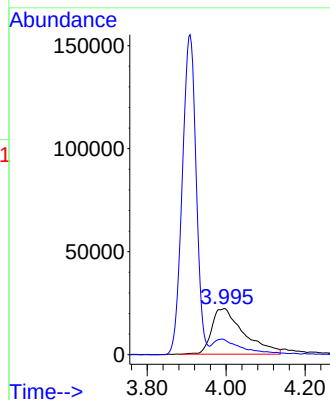
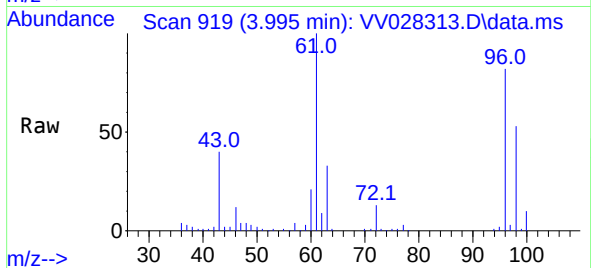




#21
2-Butanone
Concen: 59.835 ug/L
RT: 3.995 min Scan# 918
Delta R.T. 0.026 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

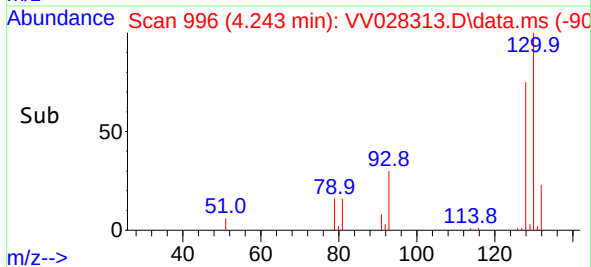
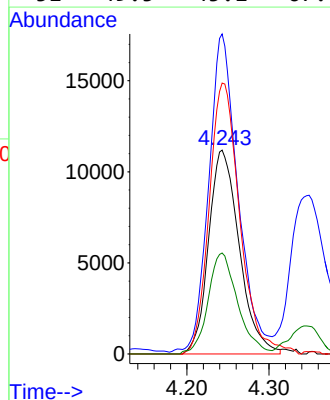
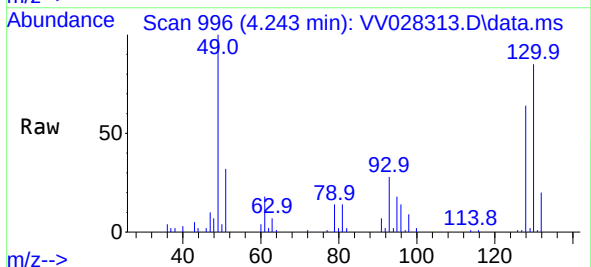
Instrument :
MSVOA_V
ClientSampleId :

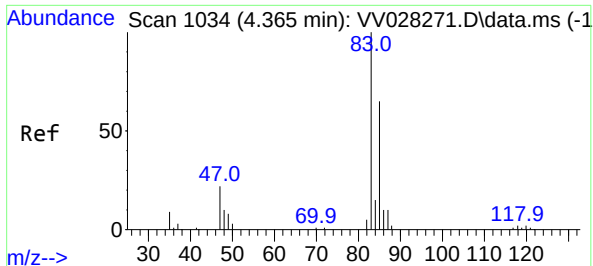
Tgt Ion: 43 Resp: 125192
Ion Ratio Lower Upper
43 100
72 24.6 12.7 38.1



#23
Bromochloromethane
Concen: 5.280 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.003 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Tgt Ion:128 Resp: 29047
Ion Ratio Lower Upper
128 100
49 156.9 119.9 222.7
130 132.9 94.6 175.8
51 49.5 45.1 67.7





#25

Chloroform

Concen: 5.213 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VV028313.D

Acq: 04 Oct 2022 05:42

Instrument :

MSVOA_V

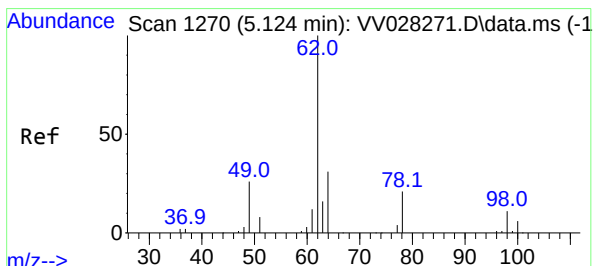
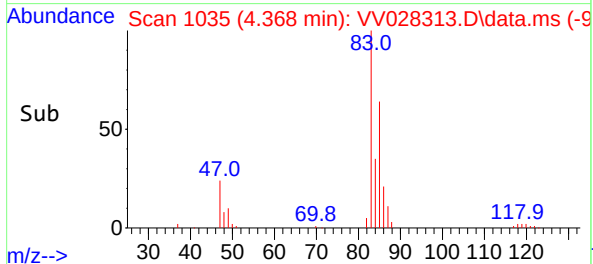
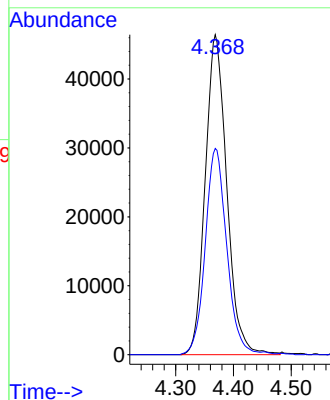
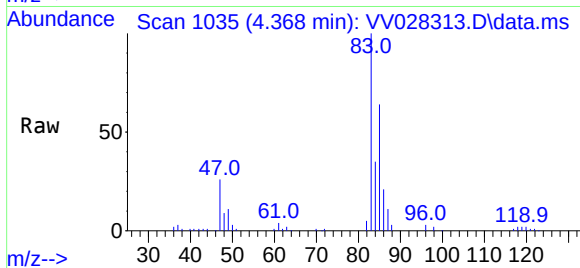
ClientSampleId :

Tgt Ion: 83 Resp: 120109

Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.720 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV028313.D

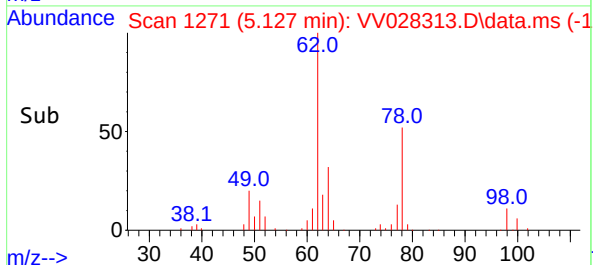
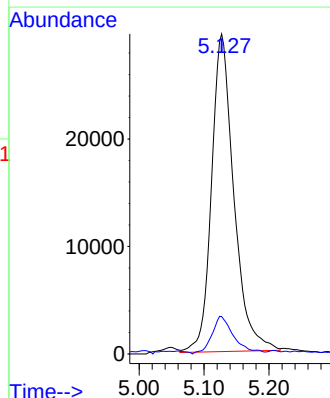
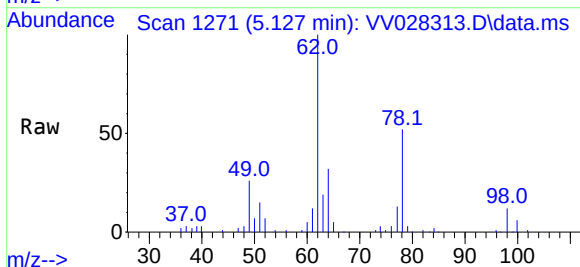
Acq: 04 Oct 2022 05:42

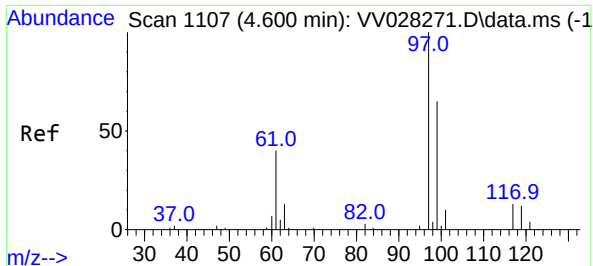
Tgt Ion: 62 Resp: 70597

Ion Ratio Lower Upper

62 100

98 11.7 6.7 10.1#



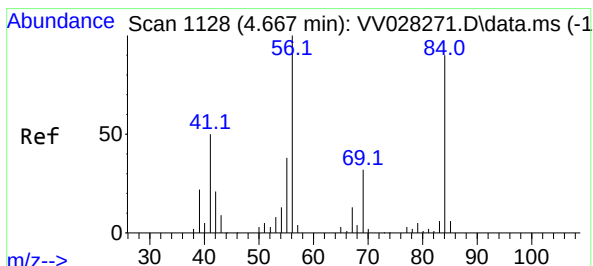
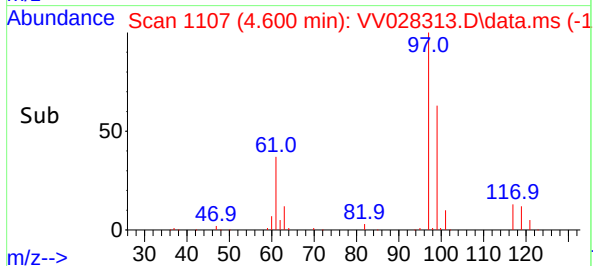
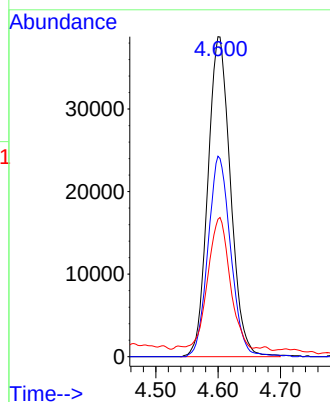
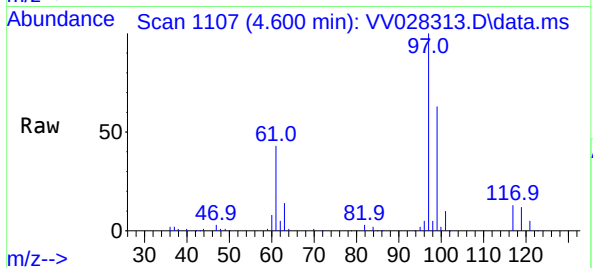


#29
1,1,1-Trichloroethane
Concen: 4.702 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 97678

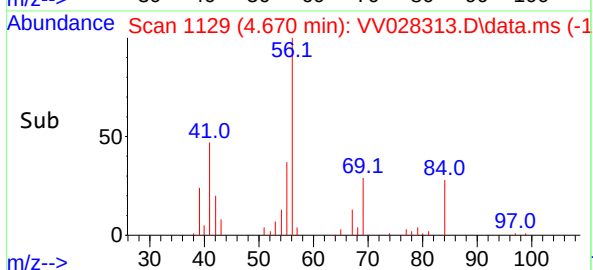
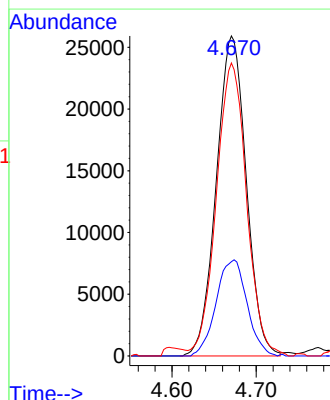
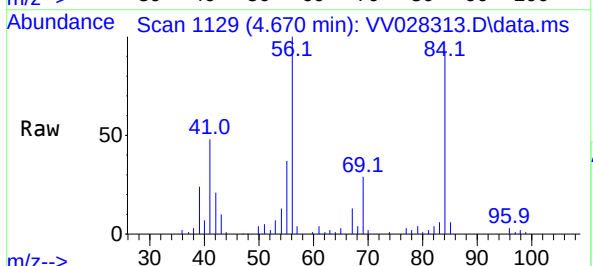
Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.9	77.9
61	39.3	34.8	52.2

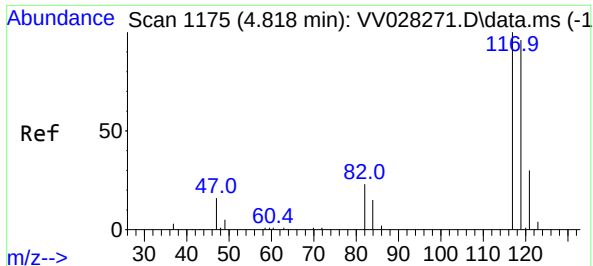


#30
Cyclohexane
Concen: 3.574 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Tgt Ion: 56 Resp: 63966

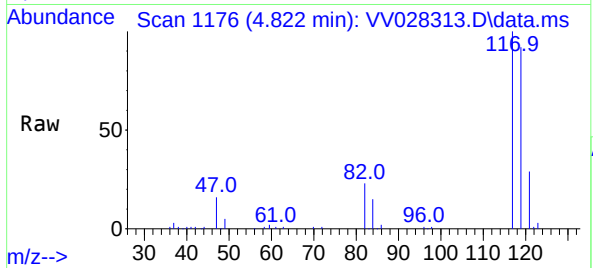
Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.7	35.5
84	92.3	67.3	100.9



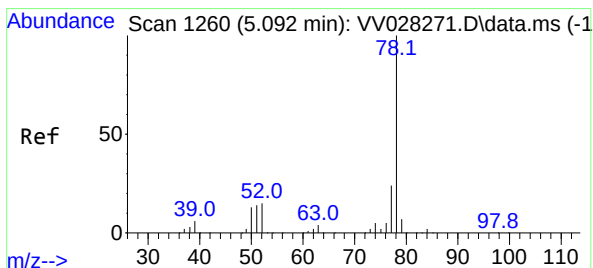
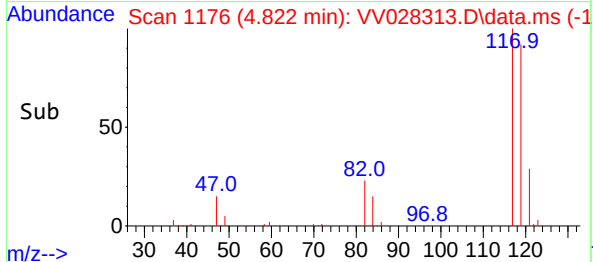
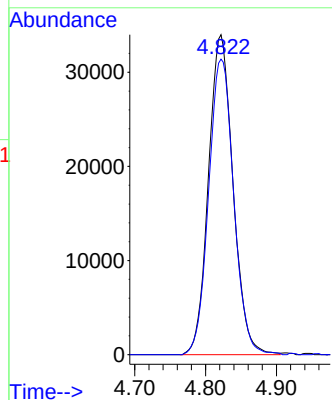


#31
Carbon tetrachloride
Concen: 4.382 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Instrument :
MSVOA_V
ClientSampleId :

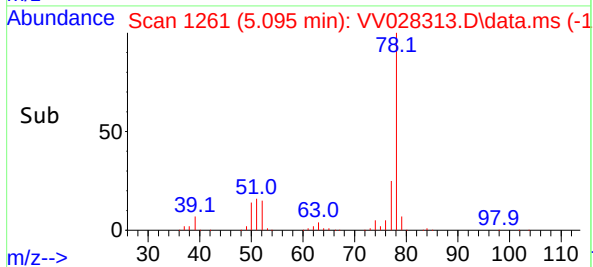
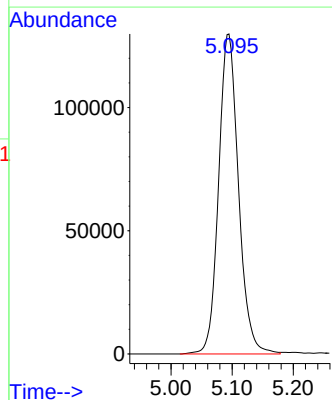
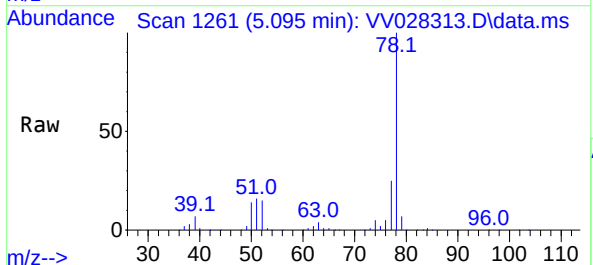


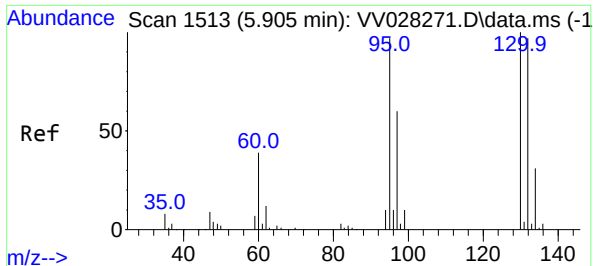
Tgt Ion:117 Resp: 81653
Ion Ratio Lower Upper
117 100
119 94.6 76.9 115.3



#33
Benzene
Concen: 5.853 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

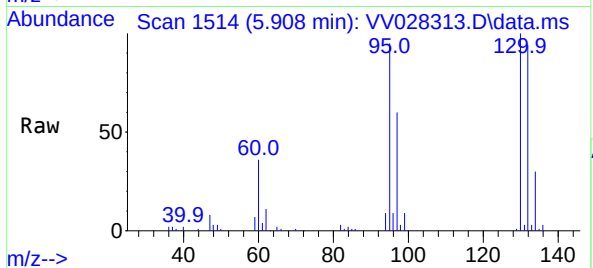
Tgt Ion: 78 Resp: 293386



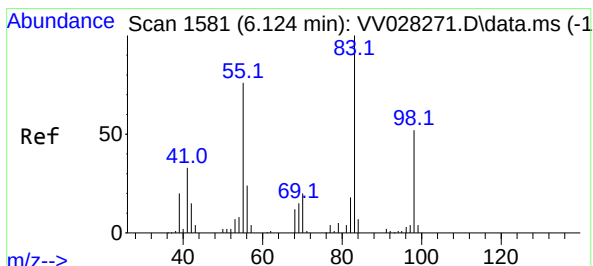
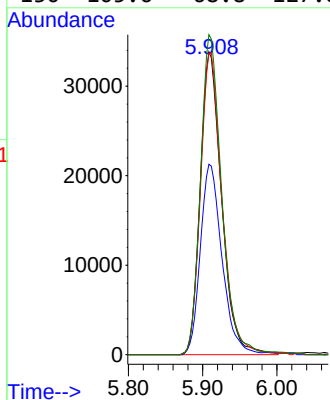
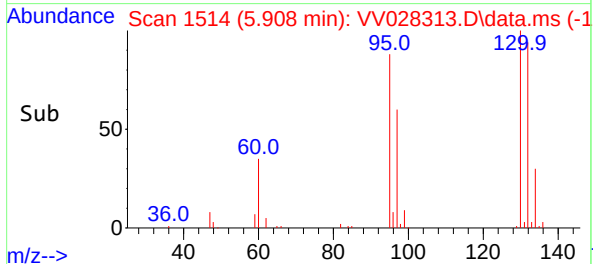


#34
Trichloroethene
Concen: 5.382 ug/L
RT: 5.908 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

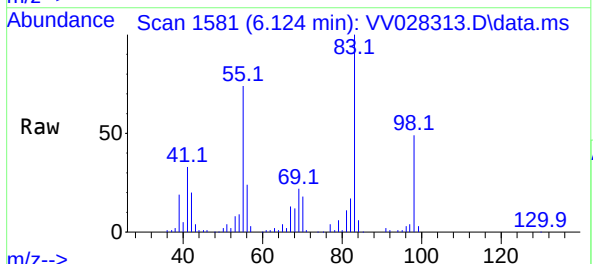
Instrument :
MSVOA_V
ClientSampleId :



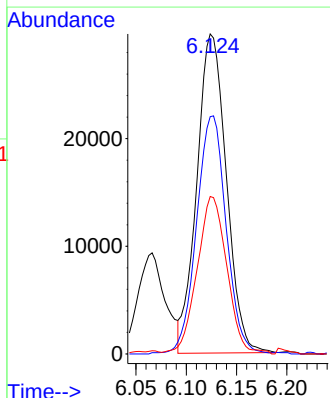
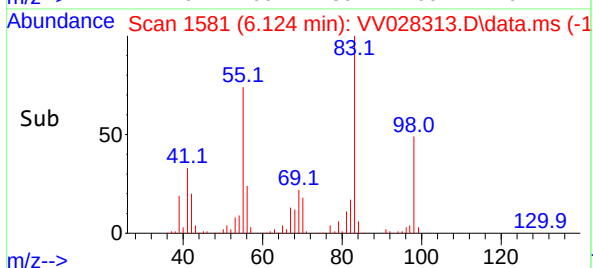
Tgt Ion: 95 Resp: 67554
Ion Ratio Lower Upper
95 100
97 62.9 44.2 82.0
132 99.6 67.8 126.0
130 105.6 68.8 127.8

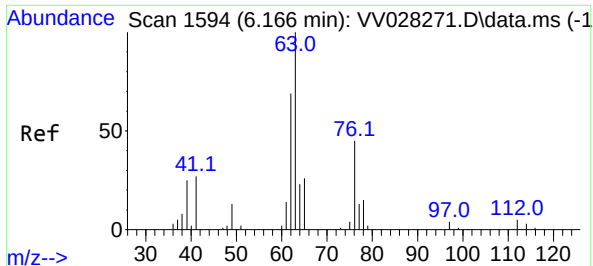


#35
Methylcyclohexane
Concen: 2.957 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42



Tgt Ion: 83 Resp: 60594
Ion Ratio Lower Upper
83 100
55 75.0 64.7 97.1
98 49.9 39.5 59.3





#37

1,2-Dichloropropane

Concen: 5.536 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV028313.D

Acq: 04 Oct 2022 05:42

Instrument :

MSVOA_V

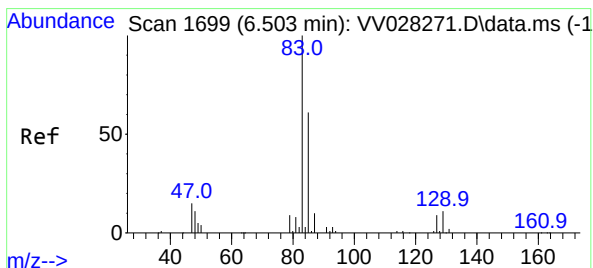
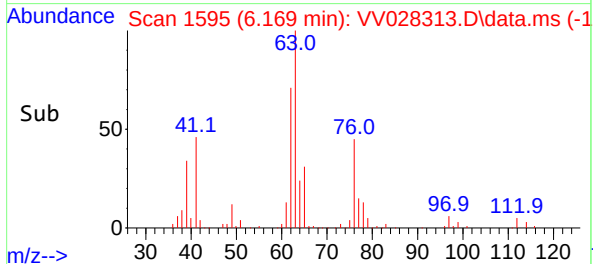
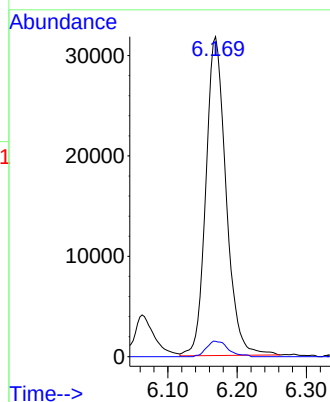
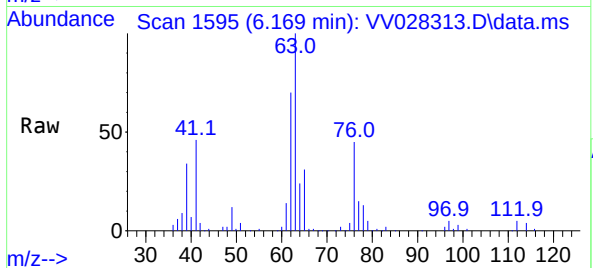
ClientSampleId :

Tgt Ion: 63 Resp: 64267

Ion Ratio Lower Upper

63 100

112 5.3 3.5 5.3



#38

Bromodichloromethane

Concen: 5.241 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV028313.D

Acq: 04 Oct 2022 05:42

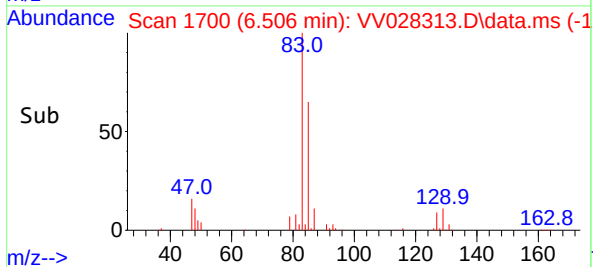
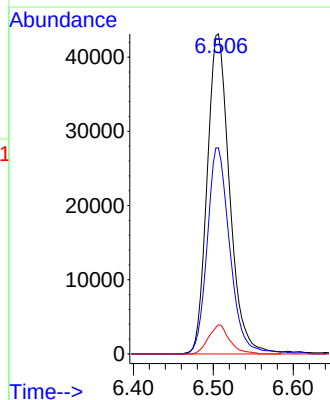
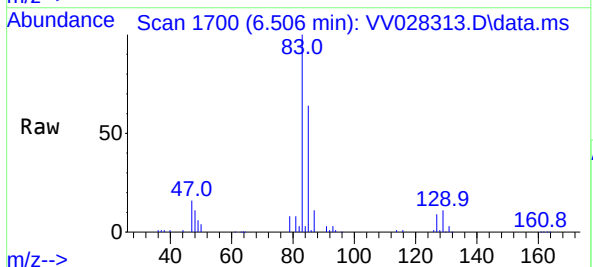
Tgt Ion: 83 Resp: 83917

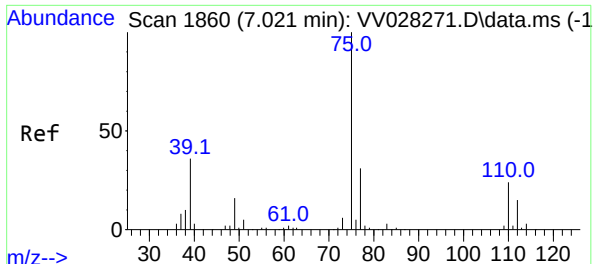
Ion Ratio Lower Upper

83 100

85 64.4 43.8 81.4

127 9.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 3.389 ug/L

RT: 7.027 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV028313.D

Acq: 04 Oct 2022 05:42

Instrument :

MSVOA_V

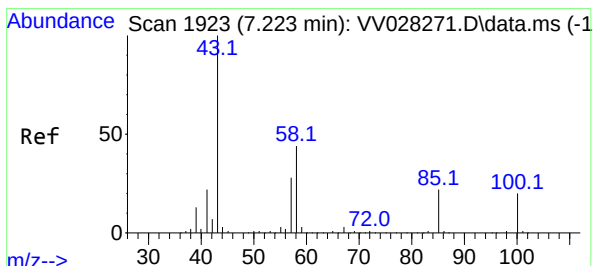
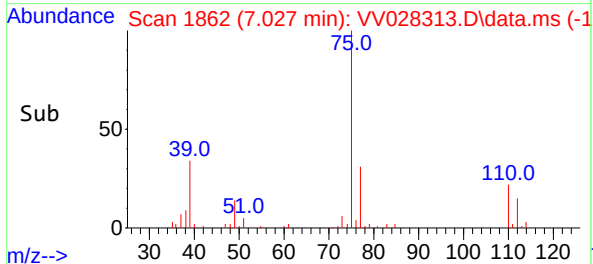
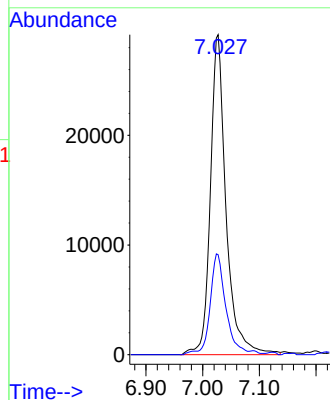
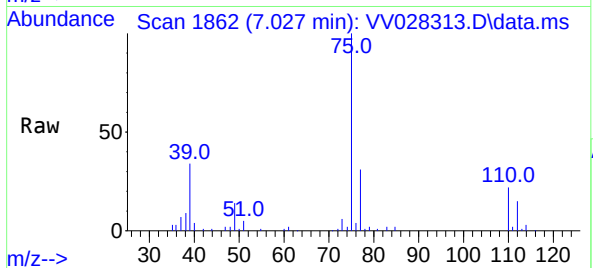
ClientSampleId :

Tgt Ion: 75 Resp: 56168

Ion Ratio Lower Upper

75 100

77 31.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 63.781 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV028313.D

Acq: 04 Oct 2022 05:42

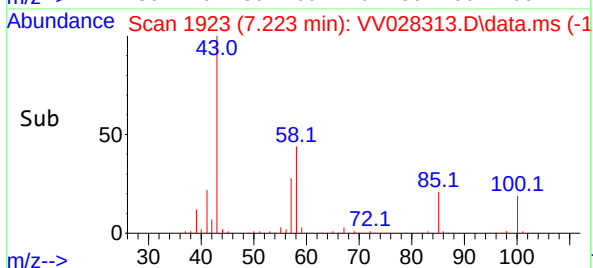
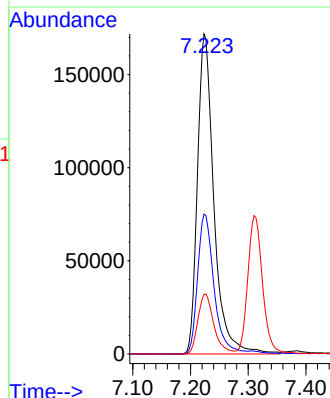
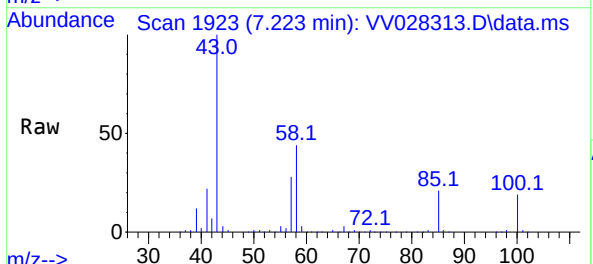
Tgt Ion: 43 Resp: 340199

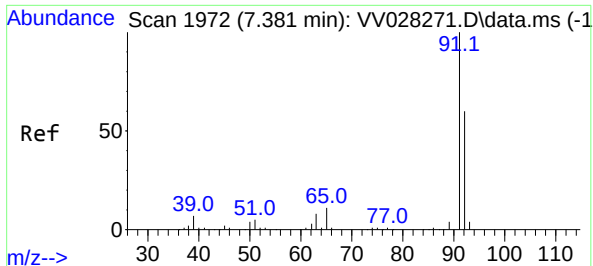
Ion Ratio Lower Upper

43 100

58 43.4 32.2 48.4

100 18.2 12.7 19.1





#42

Toluene

Concen: 5.078 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VV028313.D

Acq: 04 Oct 2022 05:42

Instrument :

MSVOA_V

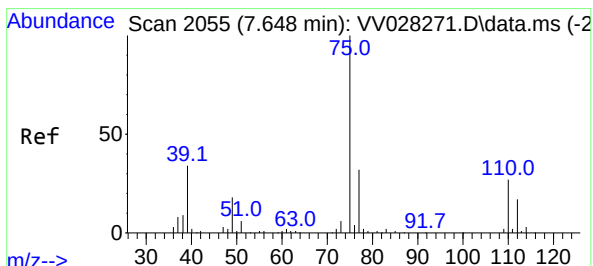
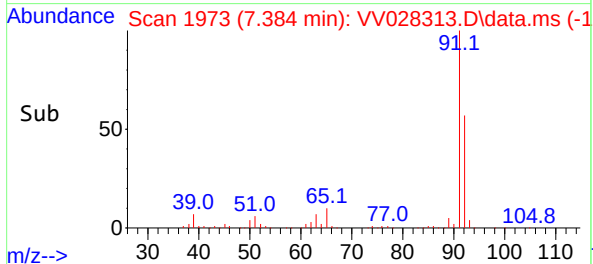
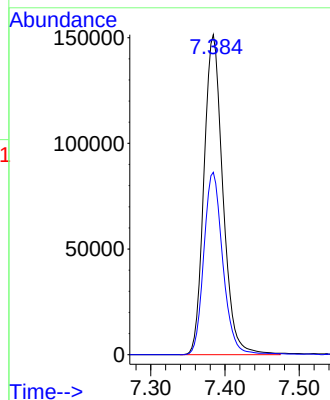
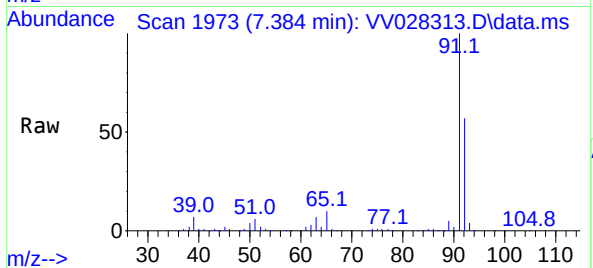
ClientSampleId :

Tgt Ion: 91 Resp: 267866

Ion Ratio Lower Upper

91 100

92 57.0 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 3.389 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV028313.D

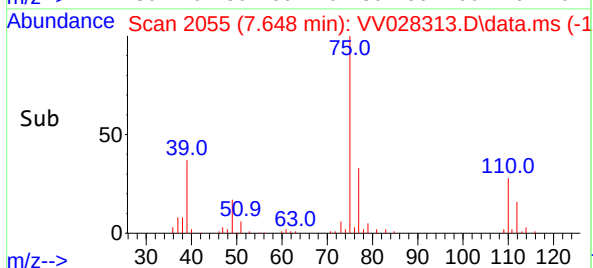
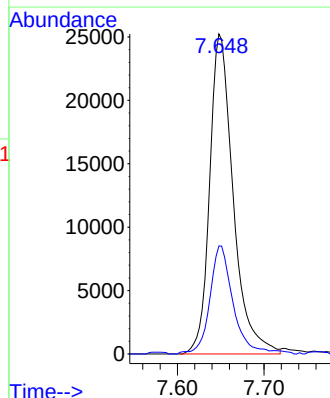
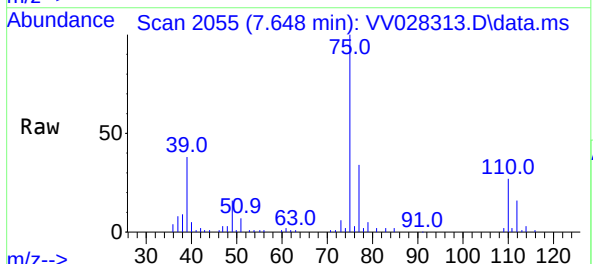
Acq: 04 Oct 2022 05:42

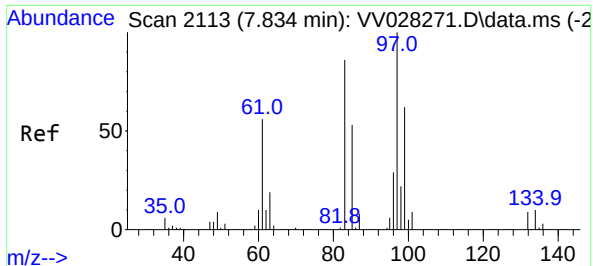
Tgt Ion: 75 Resp: 47705

Ion Ratio Lower Upper

75 100

77 33.7 23.9 44.3



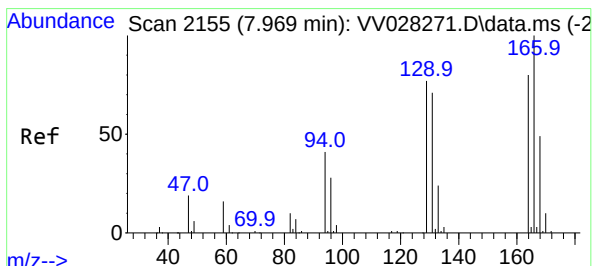
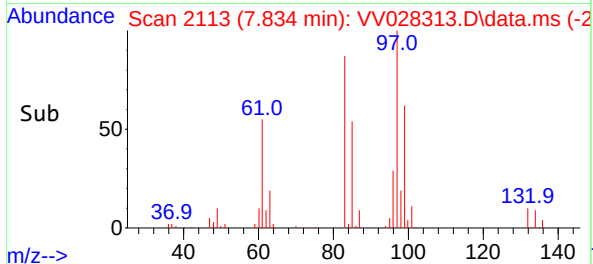
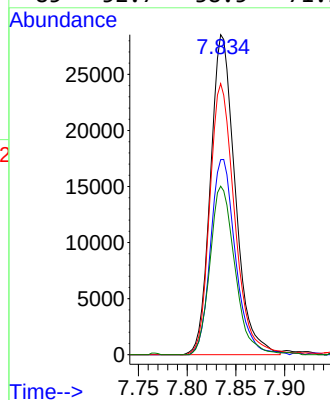
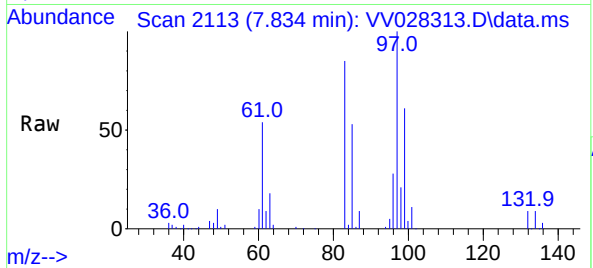


#45
1,1,2-Trichloroethane
Concen: 5.857 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 50436

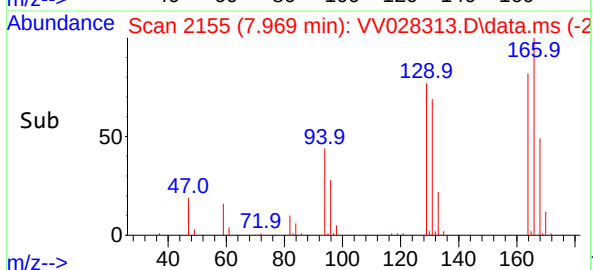
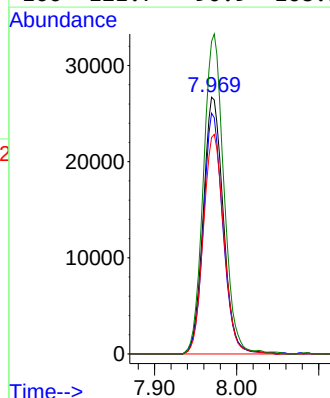
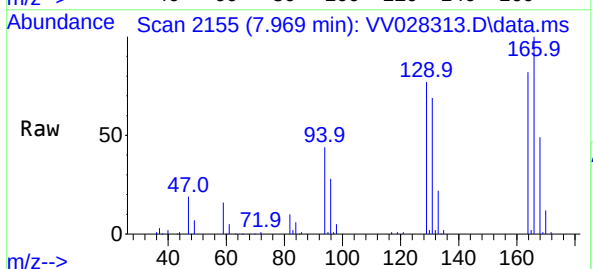
Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.2	80.2
83	84.7	59.1	109.9
85	52.7	38.5	71.5

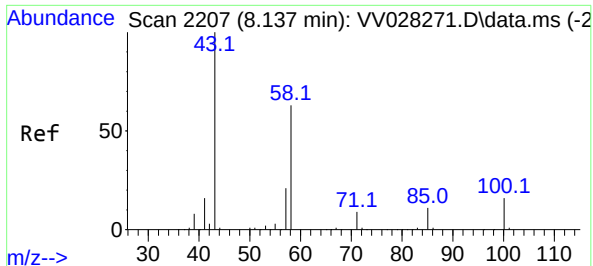


#47
Tetrachloroethene
Concen: 4.128 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Tgt Ion: 164 Resp: 45280

Ion	Ratio	Lower	Upper
164	100		
129	93.8	66.7	123.9
131	84.3	61.7	114.5
166	121.7	90.9	168.9

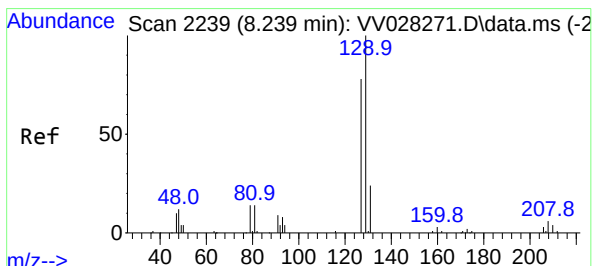
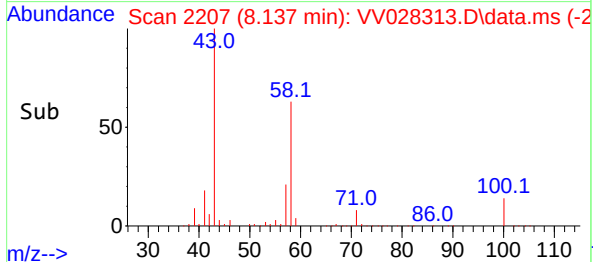
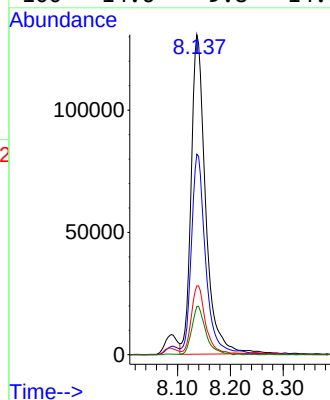
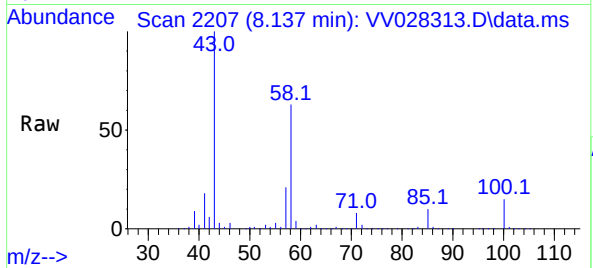




#48
2-Hexanone
Concen: 66.711 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.001 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

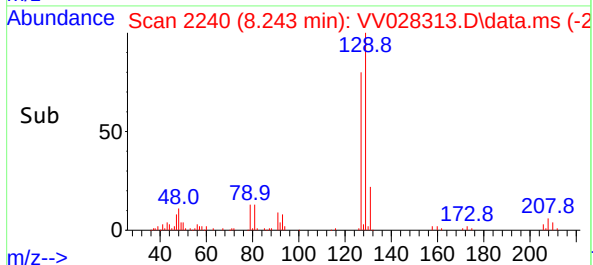
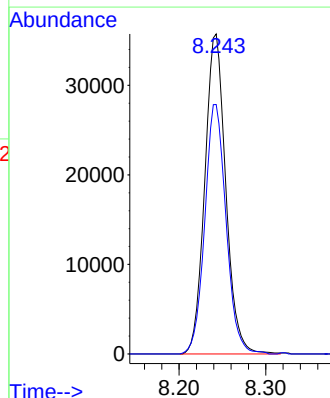
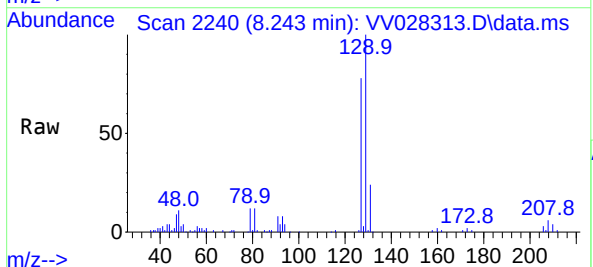
Instrument :
MSVOA_V
ClientSampleId :

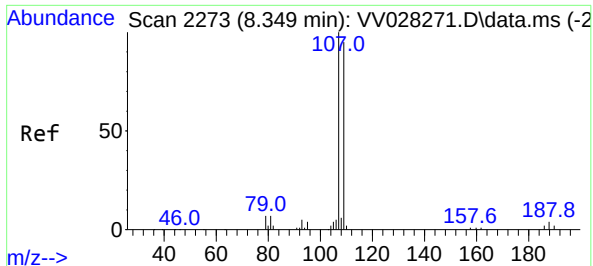
Tgt Ion: 43 Resp: 249218
Ion Ratio Lower Upper
43 100
58 58.8 45.7 68.5
57 20.4 15.5 23.3
100 14.6 9.8 14.6



#49
Dibromochloromethane
Concen: 5.519 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Tgt Ion:129 Resp: 60147
Ion Ratio Lower Upper
129 100
127 78.0 54.3 100.9

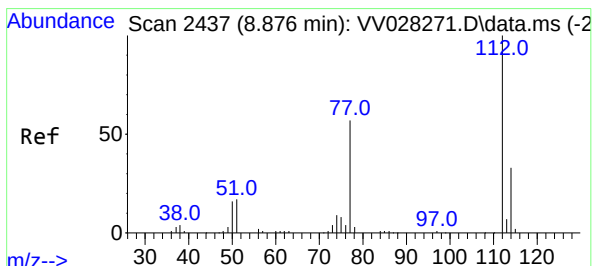
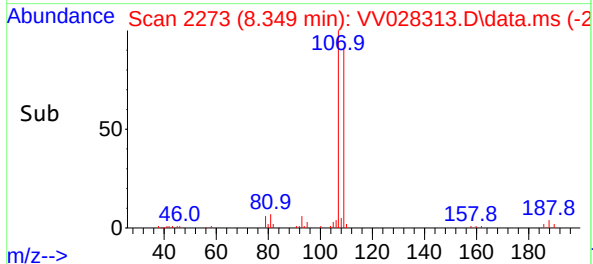
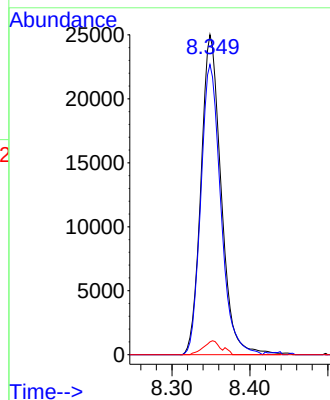
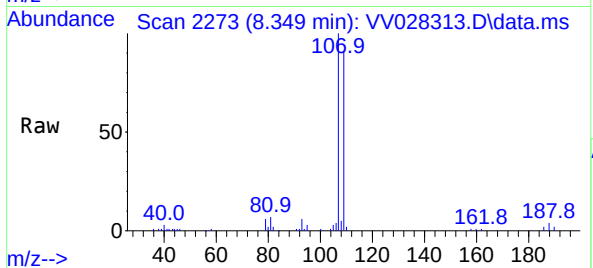




#50
1,2-Dibromoethane
Concen: 5.796 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

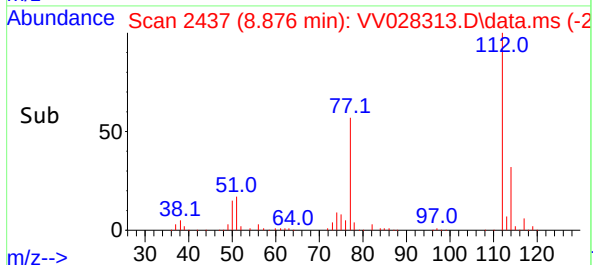
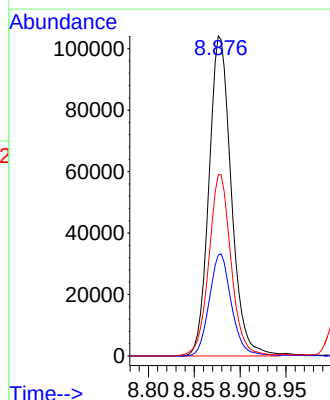
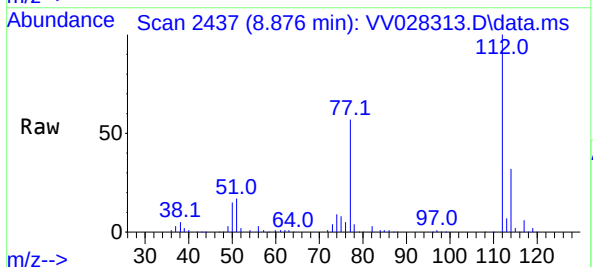
Instrument :
MSVOA_V
ClientSampleId :

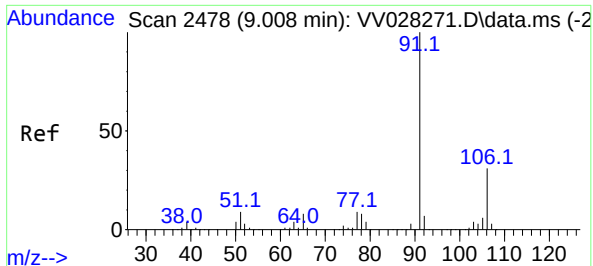
Tgt Ion:107 Resp: 44915
Ion Ratio Lower Upper
107 100
109 90.7 65.9 122.5
188 4.0 3.4 5.0



#51
Chlorobenzene
Concen: 5.017 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Tgt Ion:112 Resp: 175983
Ion Ratio Lower Upper
112 100
114 31.5 22.5 41.7
77 56.6 46.1 69.1

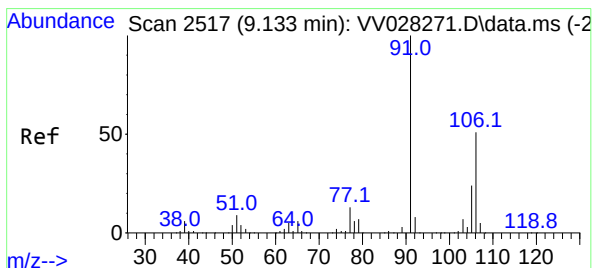
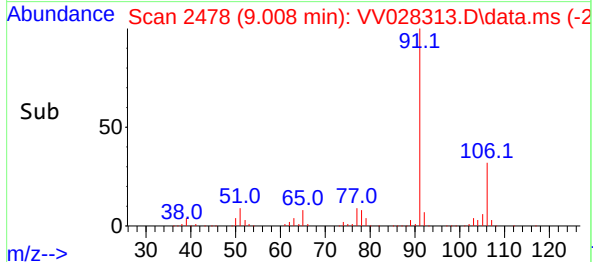
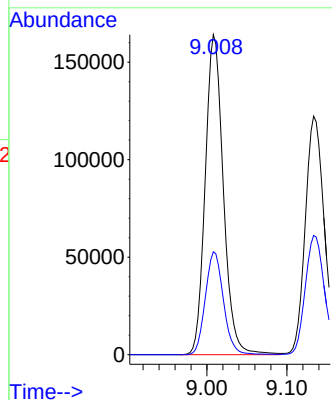
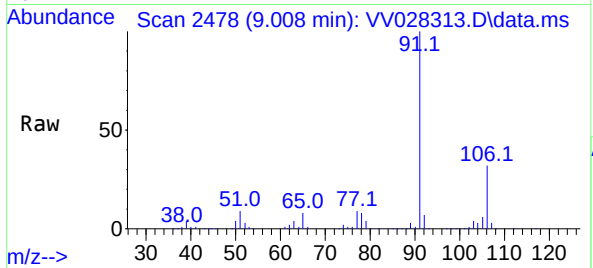




#52
Ethylbenzene
Concen: 4.677 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

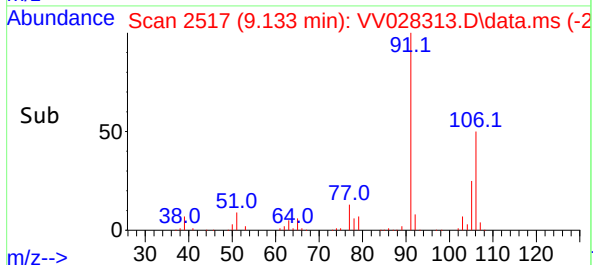
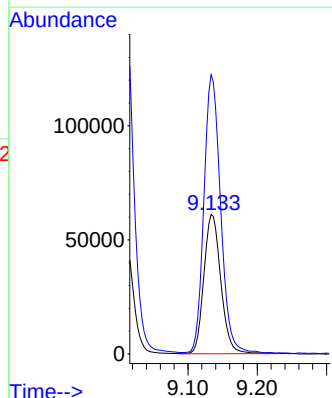
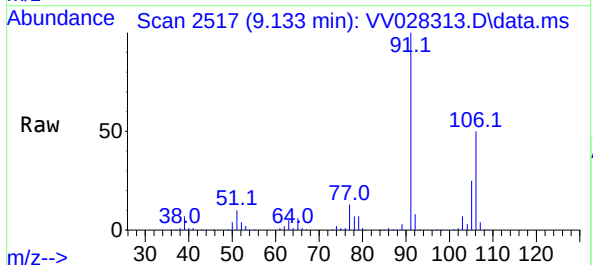
Instrument :
MSVOA_V
ClientSampleId :

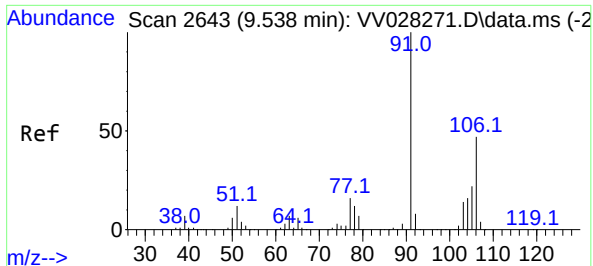
Tgt Ion: 91 Resp: 259248
Ion Ratio Lower Upper
91 100
106 32.2 21.5 39.9



#53
m,p-Xylene
Concen: 4.678 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Tgt Ion: 106 Resp: 103362
Ion Ratio Lower Upper
106 100
91 200.2 141.9 263.5

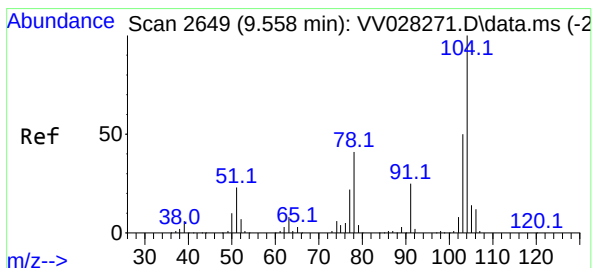
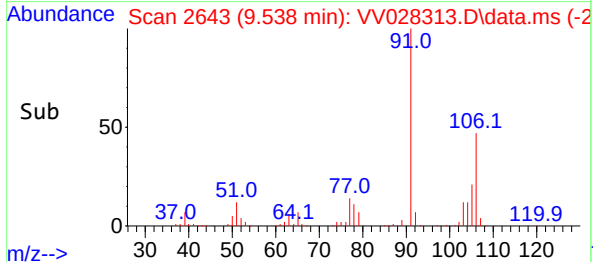
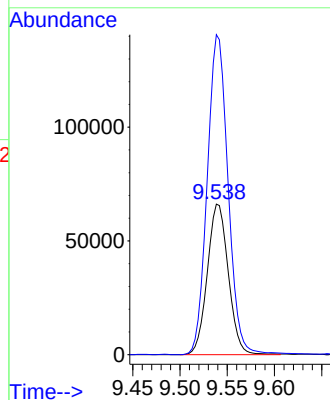
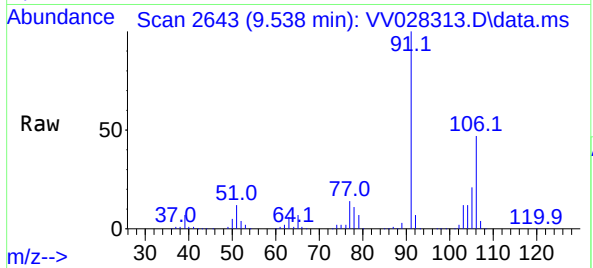




#54
o-Xylene
Concen: 4.901 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

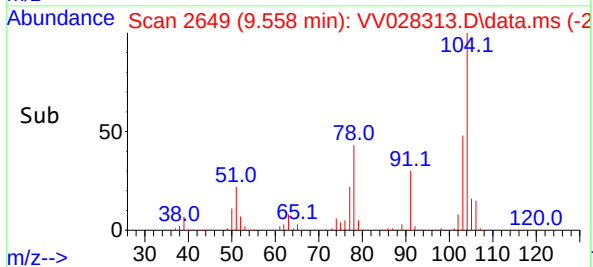
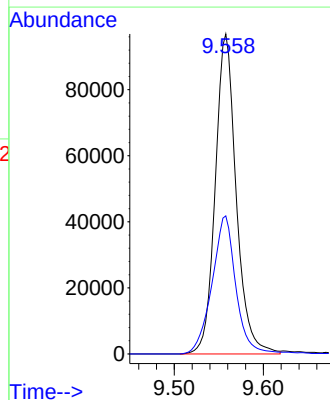
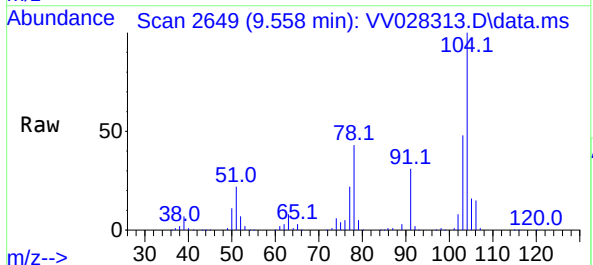
Instrument :
MSVOA_V
ClientSampleId :

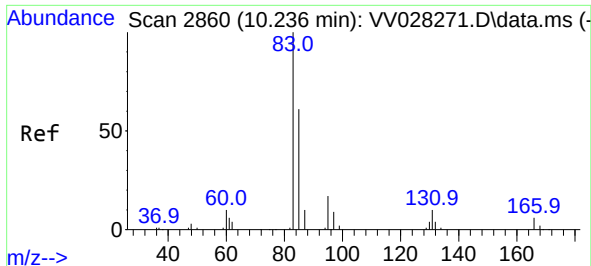
Tgt Ion:106 Resp: 102435
Ion Ratio Lower Upper
106 100
91 212.5 148.1 275.0



#55
Styrene
Concen: 4.410 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Tgt Ion:104 Resp: 158391
Ion Ratio Lower Upper
104 100
78 43.2 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 6.295 ug/L

RT: 10.236 min Scan# 2860

Delta R.T. -0.003 min

Lab File: VV028313.D

Acq: 04 Oct 2022 05:42

Instrument :

MSVOA_V

ClientSampleId :

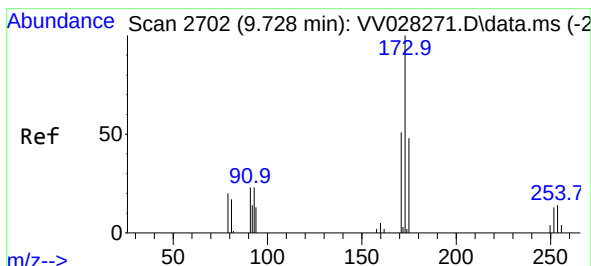
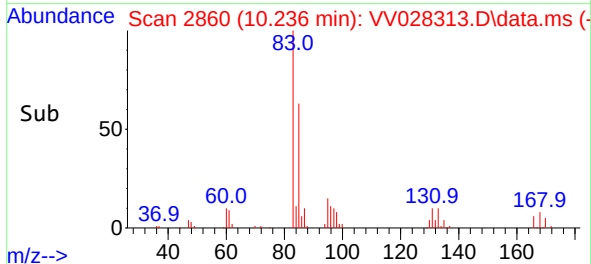
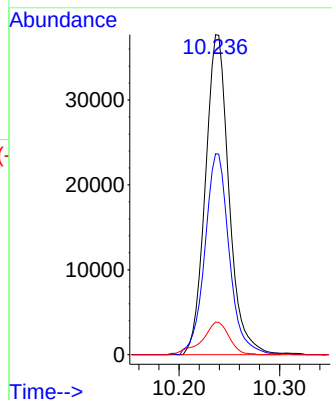
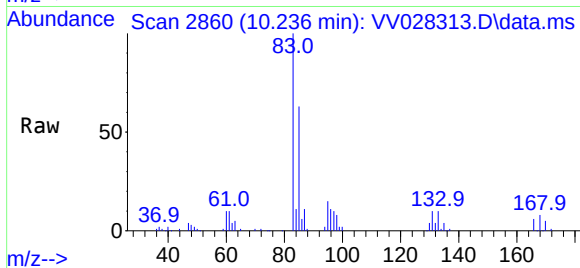
Tgt Ion: 83 Resp: 61508

Ion Ratio Lower Upper

83 100

85 62.8 45.2 84.0

131 10.1 7.8 11.8



#59

Bromoform

Concen: 5.458 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.000 min

Lab File: VV028313.D

Acq: 04 Oct 2022 05:42

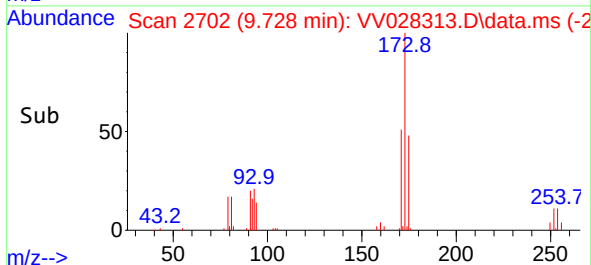
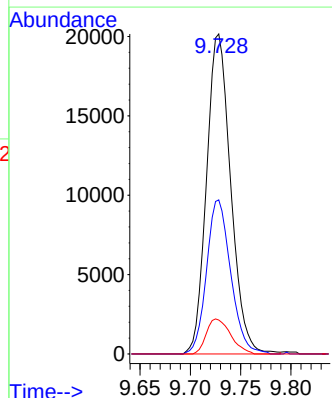
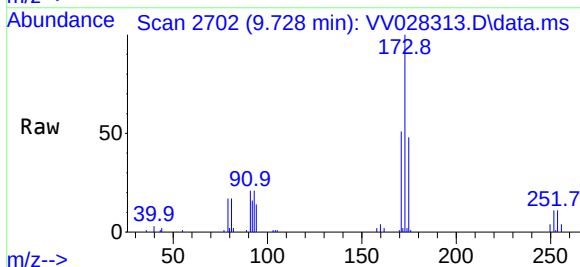
Tgt Ion:173 Resp: 33677

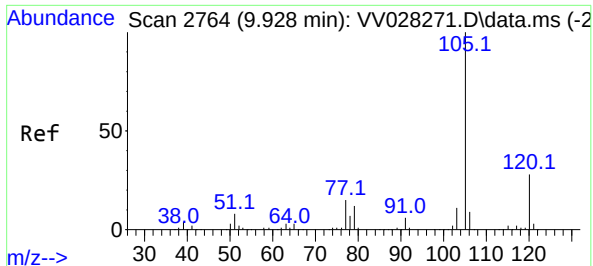
Ion Ratio Lower Upper

173 100

175 48.1 39.0 58.4

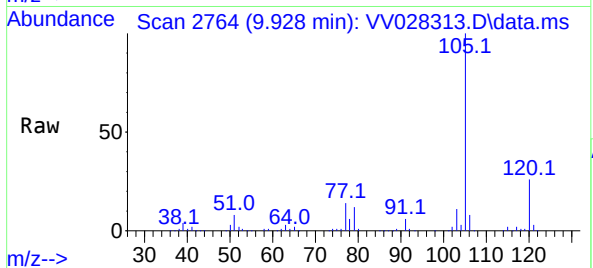
254 11.0 8.7 13.1



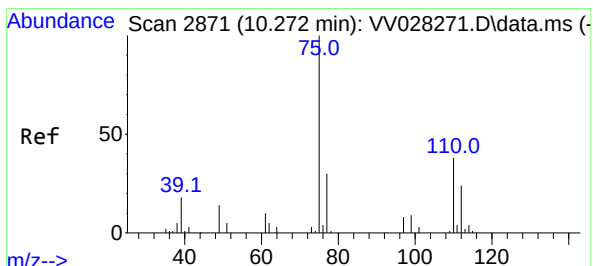
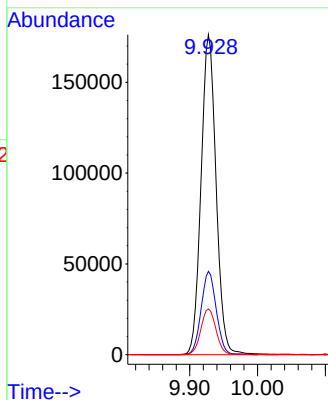
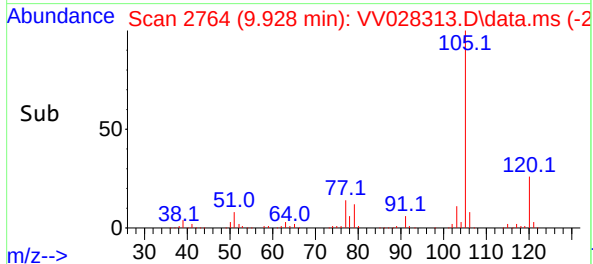


#60
Isopropylbenzene
Concen: 4.733 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

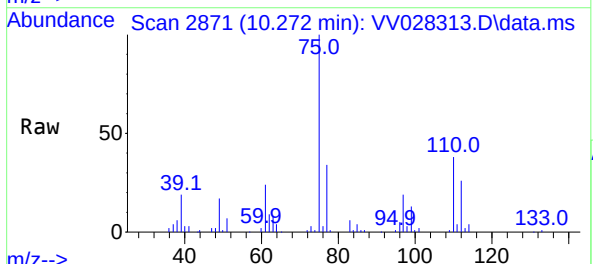
Instrument :
MSVOA_V
ClientSampleId :



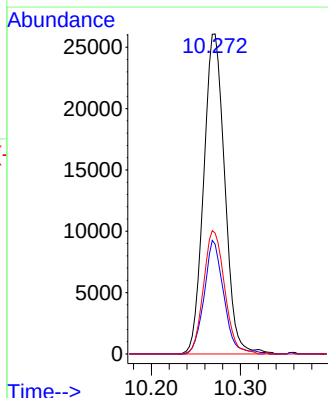
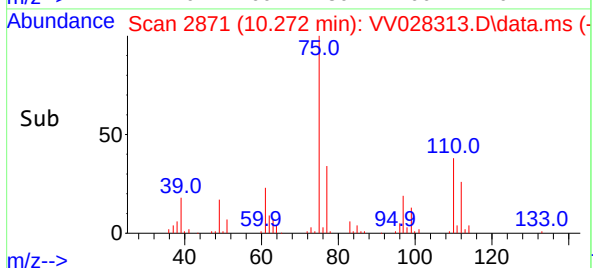
Tgt Ion:105 Resp: 271300
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.0
77 14.6 12.2 18.4

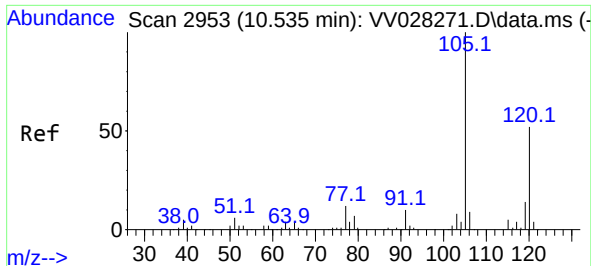


#61
1,2,3-Trichloropropane
Concen: 5.923 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.001 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42



Tgt Ion: 75 Resp: 42811
Ion Ratio Lower Upper
75 100
77 33.1 26.7 40.1
110 38.5 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 4.323 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028313.D

Acq: 04 Oct 2022 05:42

Instrument :

MSVOA_V

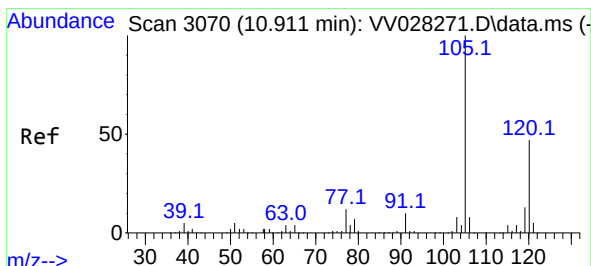
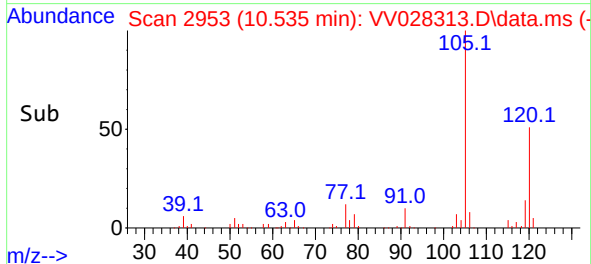
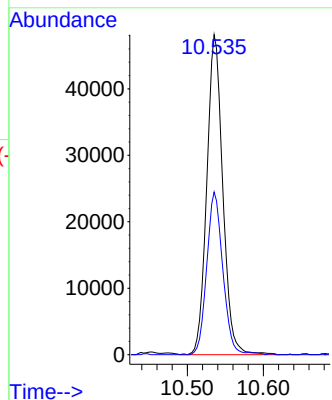
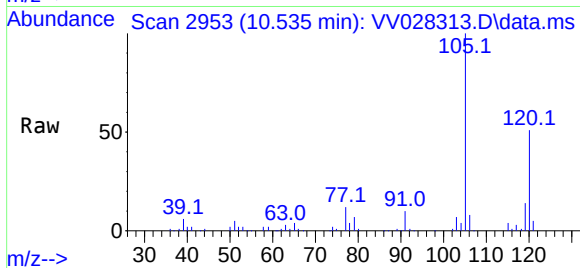
ClientSampleId :

Tgt Ion:105 Resp: 70409

Ion Ratio Lower Upper

105 100

120 51.1 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 4.524 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV028313.D

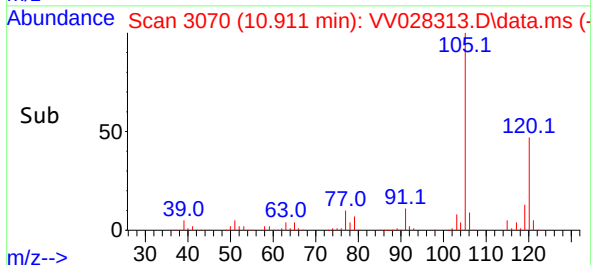
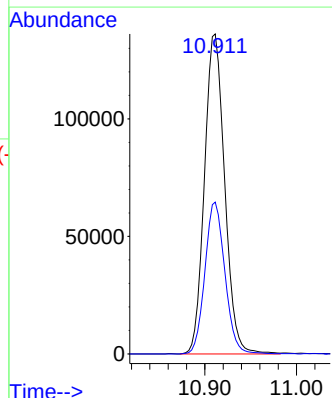
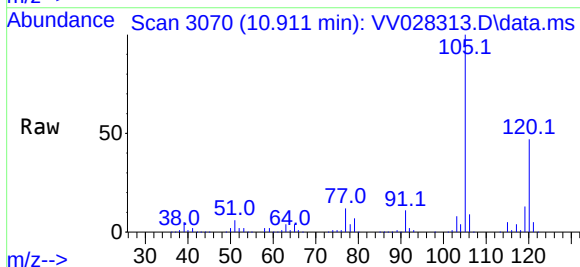
Acq: 04 Oct 2022 05:42

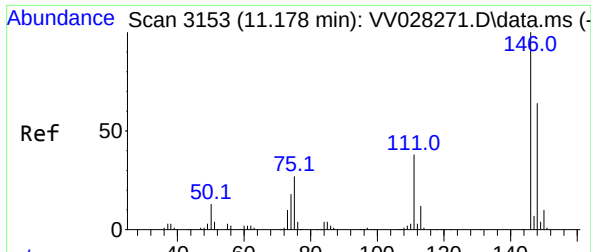
Tgt Ion:105 Resp: 208820

Ion Ratio Lower Upper

105 100

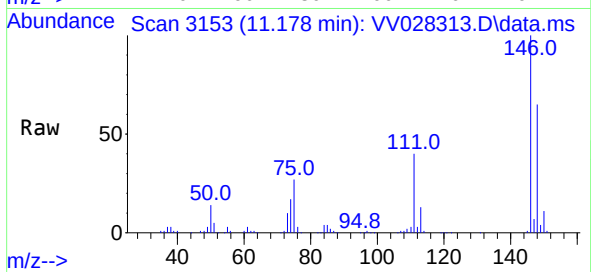
120 46.9 37.8 56.8



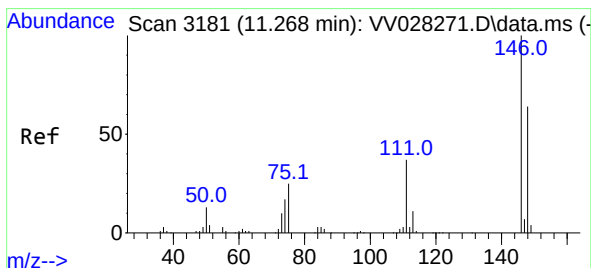
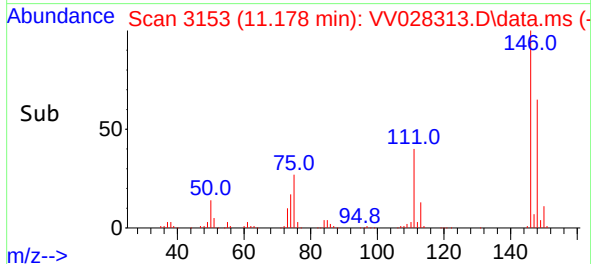
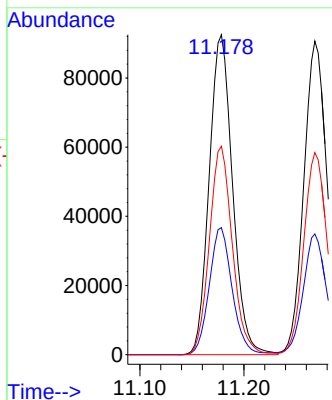


#64
1,3-Dichlorobenzene
Concen: 5.125 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Instrument :
MSVOA_V
ClientSampleId :

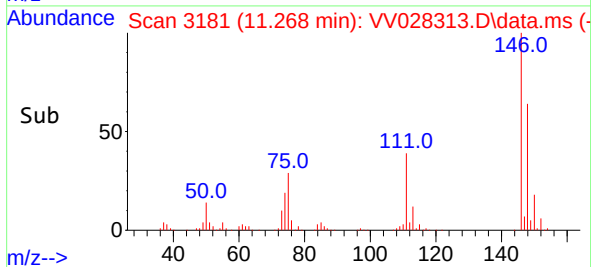
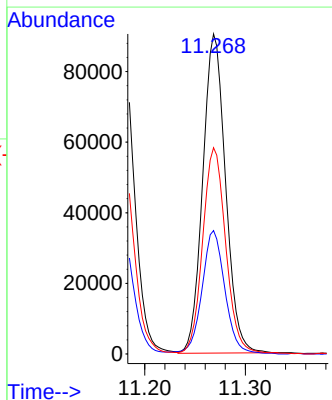
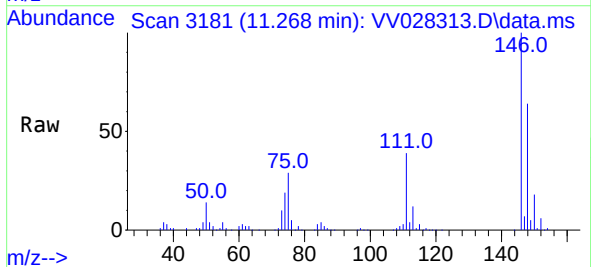


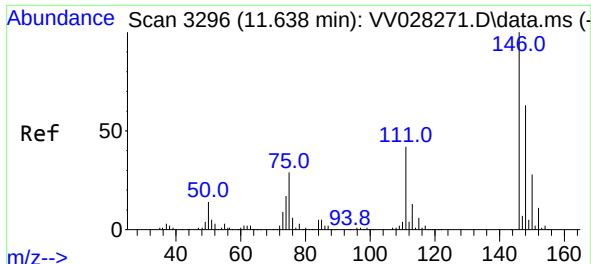
Tgt Ion:146 Resp: 144328
Ion Ratio Lower Upper
146 100
111 39.7 27.1 50.3
148 65.1 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.052 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Tgt Ion:146 Resp: 142445
Ion Ratio Lower Upper
146 100
111 38.6 26.2 48.8
148 64.4 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.466 ug/L

RT: 11.638 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028313.D

Acq: 04 Oct 2022 05:42

Instrument :

MSVOA_V

ClientSampleId :

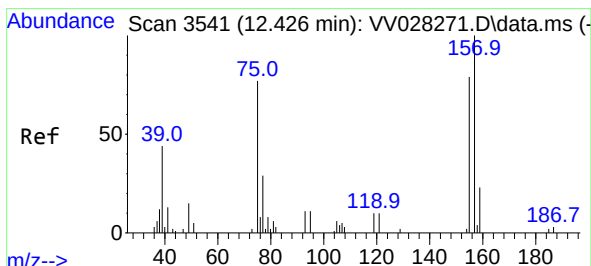
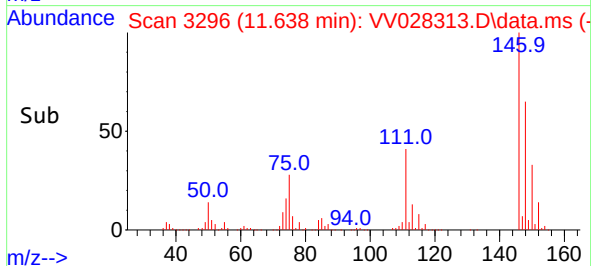
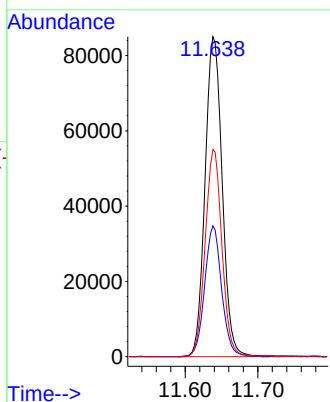
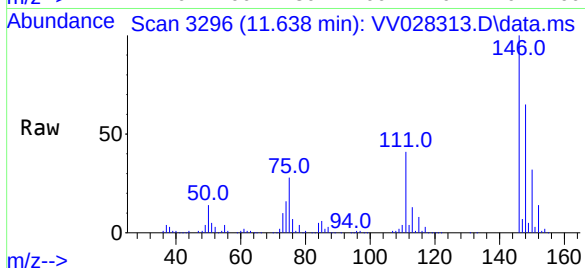
Tgt Ion:146 Resp: 139598

Ion Ratio Lower Upper

146 100

111 40.9 32.6 49.0

148 64.7 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.398 ug/L

RT: 12.423 min Scan# 3540

Delta R.T. -0.003 min

Lab File: VV028313.D

Acq: 04 Oct 2022 05:42

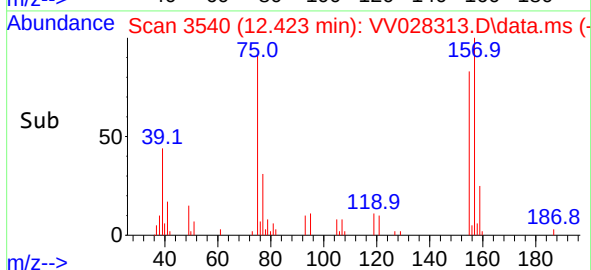
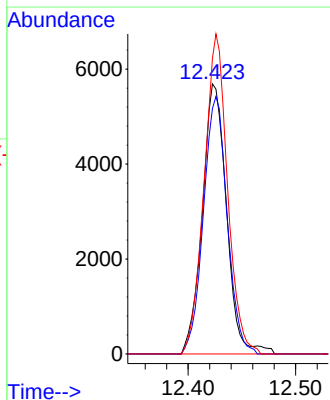
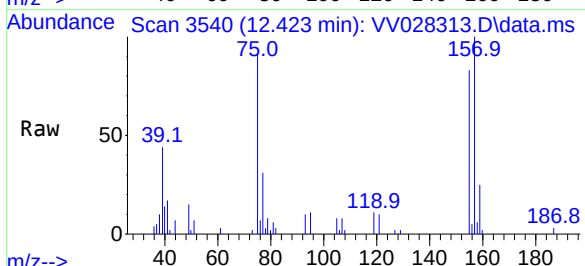
Tgt Ion: 75 Resp: 8887

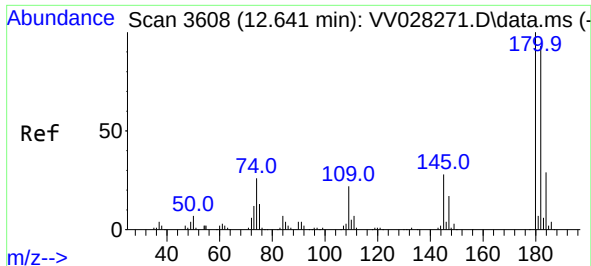
Ion Ratio Lower Upper

75 100

155 90.8 73.6 110.4

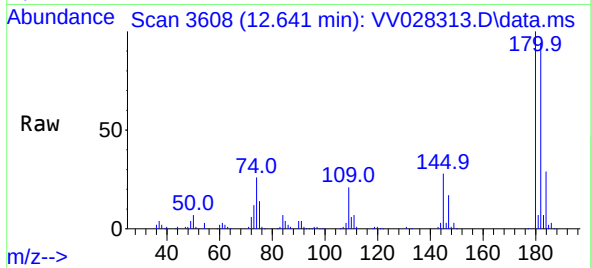
157 109.4 90.7 136.1



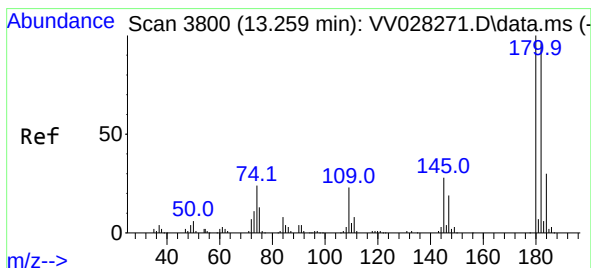
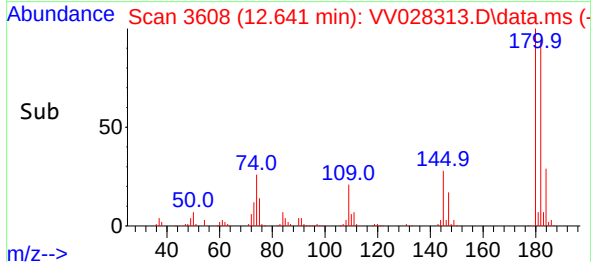
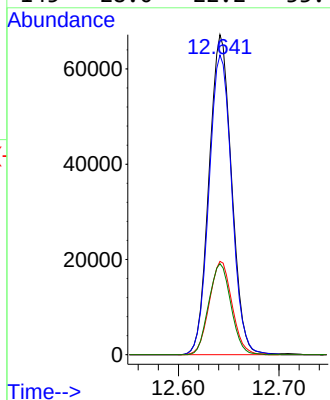


#69
 1,3,5-Trichlorobenzene
 Concen: 4.688 ug/L
 RT: 12.641 min Scan# 3799
 Delta R.T. 0.000 min
 Lab File: VV028313.D
 Acq: 04 Oct 2022 05:42

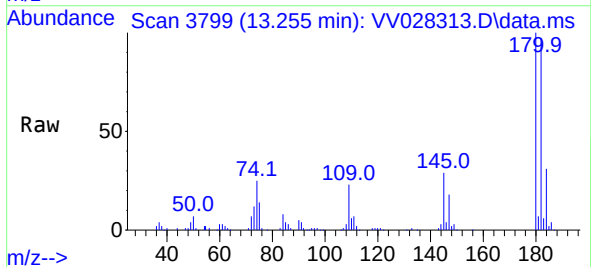
Instrument :
 MSVOA_V
 ClientSampleId :



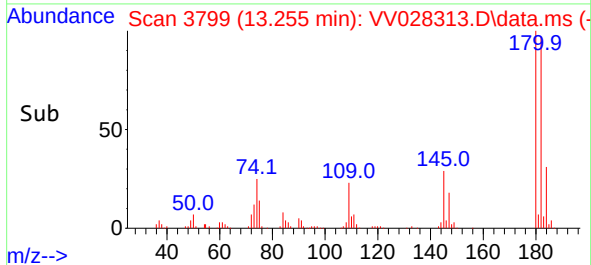
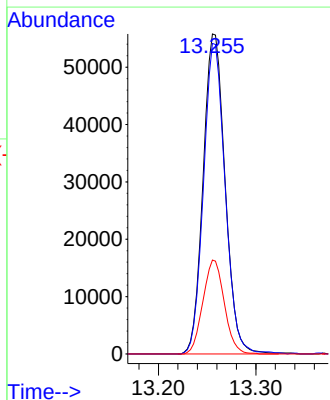
Tgt Ion:180 Resp: 104422
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.5 113.3
 184 29.4 23.7 35.5
 145 28.0 22.2 33.4

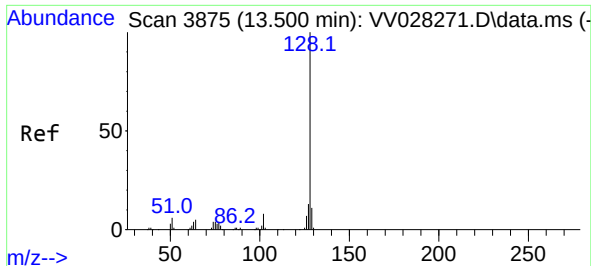


#70
 1,2,4-trichlorobenzene
 Concen: 5.139 ug/L
 RT: 13.255 min Scan# 3799
 Delta R.T. -0.003 min
 Lab File: VV028313.D
 Acq: 04 Oct 2022 05:42



Tgt Ion:180 Resp: 87230
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.3 114.5
 145 28.6 22.9 34.3

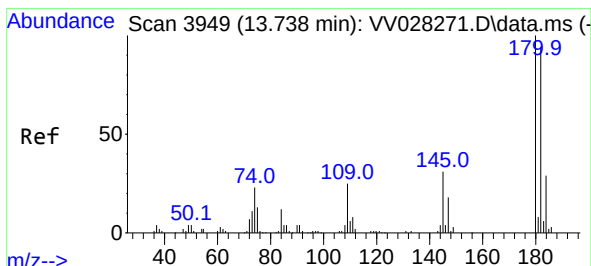
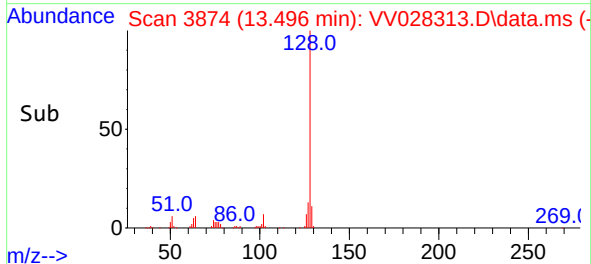
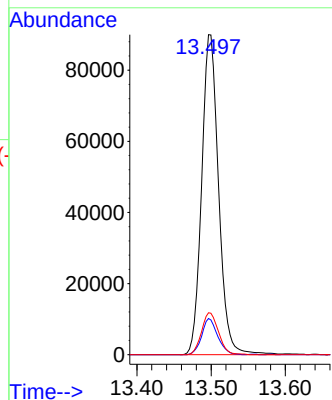
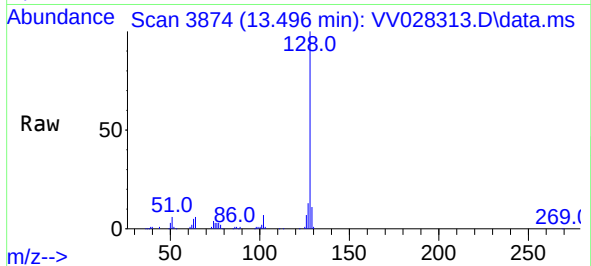




#71
Naphthalene
Concen: 5.378 ug/L
RT: 13.496 min Scan# 3875
Delta R.T. -0.003 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 142574
Ion Ratio Lower Upper
128 100
129 10.7 8.2 12.2
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.394 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VV028313.D
Acq: 04 Oct 2022 05:42

Tgt Ion:180 Resp: 82534
Ion Ratio Lower Upper
180 100
182 94.8 77.4 116.0
145 30.7 24.6 36.8

