

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100522\
 Data File : VW028375.D
 Acq On : 05 Oct 2022 17:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005322

Quant Time: Oct 06 02:33:51 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	5.616	114	207587	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	206238	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	115550	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	59501	3.815	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.568	69	57237	4.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.108	63	125268	4.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	3.921	46	170177	64.483	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.960%
24) Chloroform-d	4.349	84	138305	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.034	65	64245	4.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.050	84	265714	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.066	67	81784	5.039	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.313	98	248177	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.622	79	28955	4.684	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.091	63	147936	58.472	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.940%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	65155	5.296	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	90377	4.545	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	83866	5.022	ug/L	92
3) Chloromethane	1.240	50	80558	5.091	ug/L	97
5) Vinyl chloride	1.310	62	91991	5.163	ug/L	99
6) Bromomethane	1.519	94	36001	4.254	ug/L	96
8) Chloroethane	1.584	64	75169	6.330	ug/L	89
9) Trichlorofluoromethane	1.751	101	133676	4.993	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	74999	5.008	ug/L	96
12) 1,1-Dichloroethene	2.117	96	74369	4.994	ug/L #	74
13) Acetone	2.217	43	100485	57.985	ug/L	62
14) Carbon disulfide	2.294	76	226062	4.873	ug/L	99
15) Methyl Acetate	2.445	43	24184	5.127	ug/L #	84
16) Methylene chloride	2.506	84	87961	5.248	ug/L	91
17) Methyl tert-butyl Ether	2.770	73	158109	5.171	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	80440	5.187	ug/L	94
19) 1,1-Dichloroethane	3.188	63	146260	5.537	ug/L	98
21) 2-Butanone	4.002	43	150989	57.394	ug/L	91
22) cis-1,2-Dichloroethene	3.911	96	83237	5.329	ug/L	98
23) Bromochloromethane	4.249	128	37713	5.452	ug/L	90
25) Chloroform	4.375	83	150115	5.182	ug/L	97

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 ALS Vial : 18 Sample Multiplier: 1

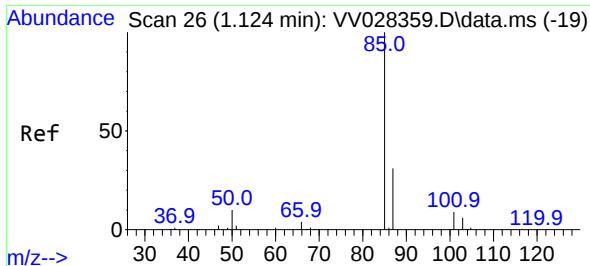
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 ClientSampleId :
 VSTD005322

Quant Time: Oct 06 02:33:51 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)

27) 1,2-Dichloroethane	5.130	62	79517	5.124	ug/L #	93
29) 1,1,1-Trichloroethane	4.606	97	130299	5.122	ug/L	97
30) Cyclohexane	4.677	56	115265	5.259	ug/L	93
31) Carbon tetrachloride	4.828	117	111798	4.899	ug/L	100
33) Benzene	5.098	78	324452	5.285	ug/L	100
34) Trichloroethene	5.911	95	81362	5.293	ug/L	94
35) Methylcyclohexane	6.130	83	124789	4.972	ug/L	96
37) 1,2-Dichloropropane	6.172	63	80698	5.675	ug/L	99
38) Bromodichloromethane	6.509	83	100659	5.133	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	102122	5.032	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	398516	61.002	ug/L	96
42) Toluene	7.387	91	352992	5.464	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	85616	4.965	ug/L	95
45) 1,1,2-Trichloroethane	7.837	97	56474	5.355	ug/L	99
47) Tetrachloroethene	7.972	164	69746	5.191	ug/L	96
48) 2-Hexanone	8.140	43	295976	64.687	ug/L	96
49) Dibromochloromethane	8.242	129	67495	5.056	ug/L	100
50) 1,2-Dibromoethane	8.352	107	52851	5.569	ug/L	99
51) Chlorobenzene	8.879	112	224937	5.236	ug/L	97
52) Ethylbenzene	9.011	91	350299	5.160	ug/L	99
53) m,p-Xylene	9.136	106	141304	5.221	ug/L	96
54) o-Xylene	9.541	106	133245	5.205	ug/L	98
55) Styrene	9.558	104	237915	5.408	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	68347	5.712	ug/L	99
59) Bromoform	9.728	173	36873	4.845	ug/L	98
60) Isopropylbenzene	9.927	105	350729	4.961	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	47493	5.327	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	94101	4.684	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	267055	4.690	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	181608	5.229	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	183797	5.285	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	167198	5.307	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.422	75	9513	4.684	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	135217	4.922	ug/L	98
70) 1,2,4-trichlorobenzene	13.255	180	107027	5.112	ug/L	99
71) Naphthalene	13.496	128	142451	4.356	ug/L	99
72) 1,2,3-Trichlorobenzene	13.737	180	92864	4.920	ug/L	100

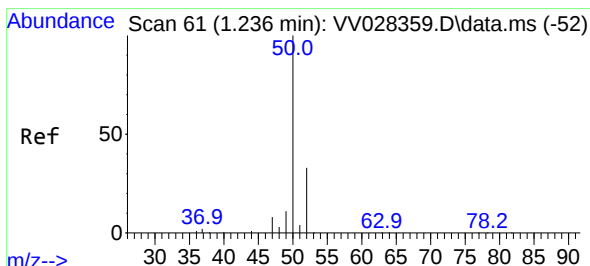
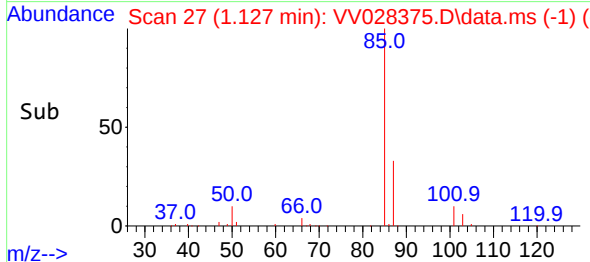
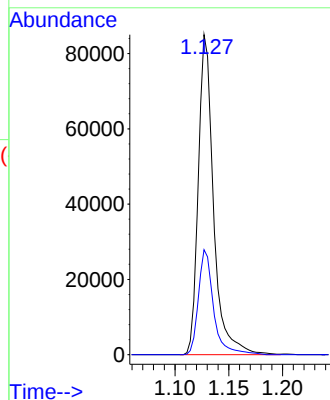
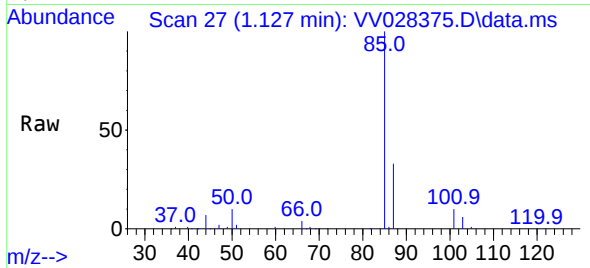
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.022 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028375.D
 Acq: 05 Oct 2022 17:45

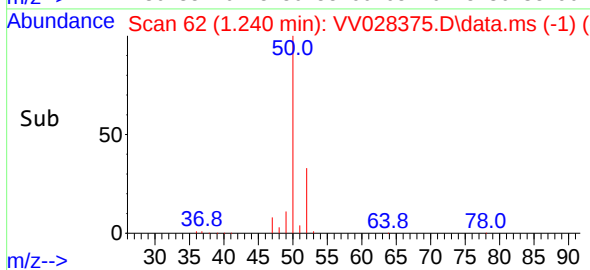
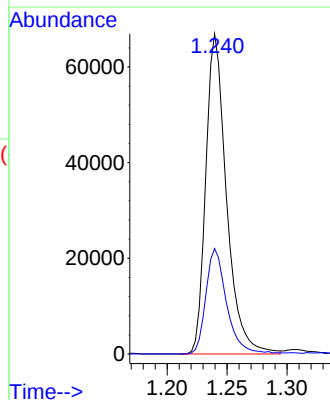
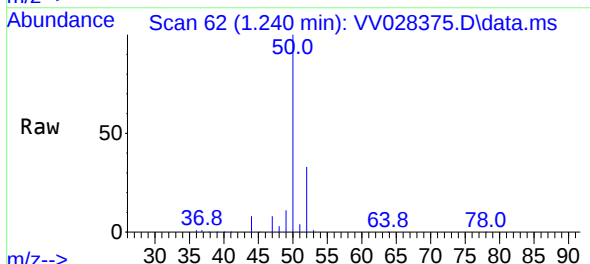
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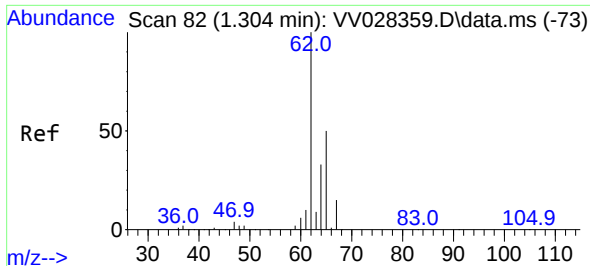
Tgt Ion: 85 Resp: 83866
 Ion Ratio Lower Upper
 85 100
 87 32.6 22.8 34.2



#3
 Chloromethane
 Concen: 5.091 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV028375.D
 Acq: 05 Oct 2022 17:45

Tgt Ion: 50 Resp: 80558
 Ion Ratio Lower Upper
 50 100
 52 33.0 24.4 45.2

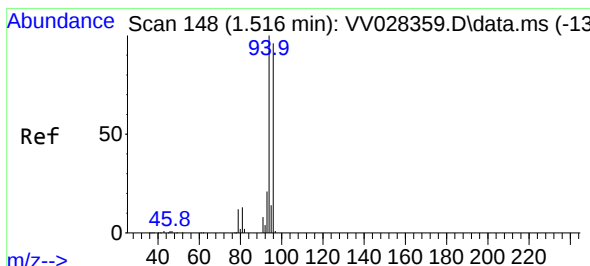
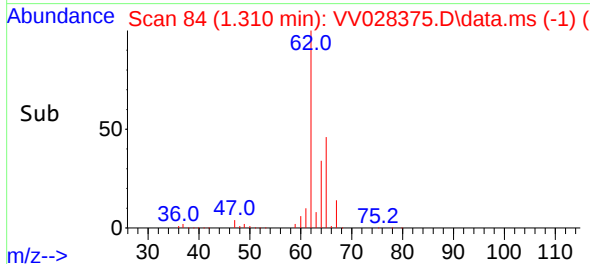
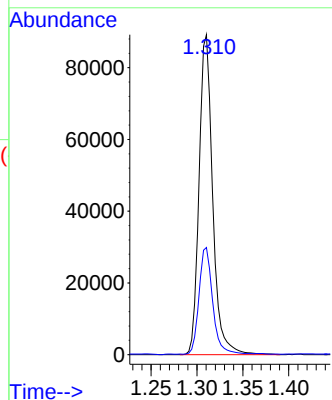
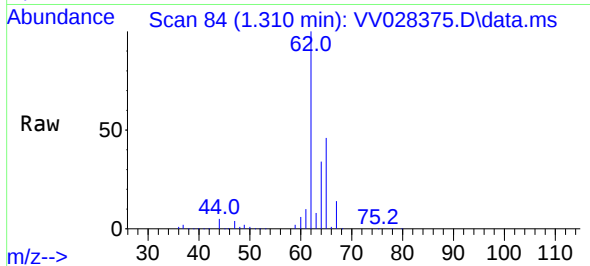




#5
 Vinyl chloride
 Concen: 5.163 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VV028375.D
 Acq: 05 Oct 2022 17:45

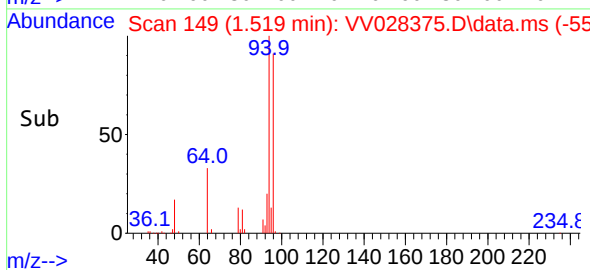
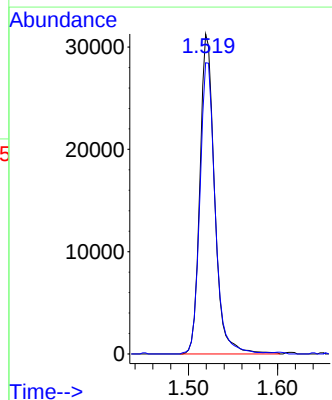
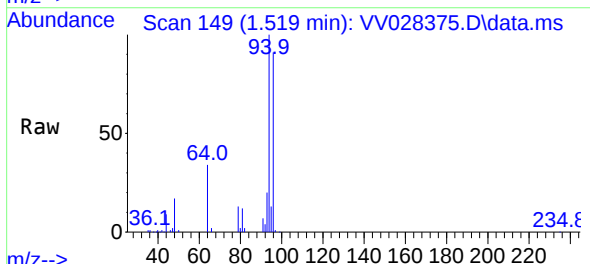
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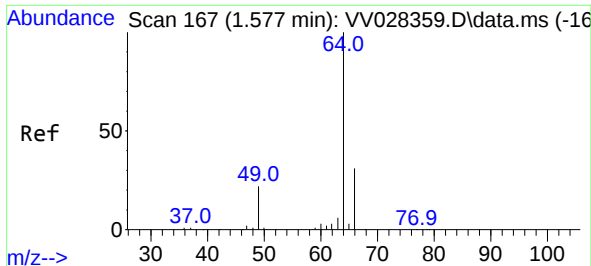
Tgt Ion: 62 Resp: 91991
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.0 42.8



#6
 Bromomethane
 Concen: 4.254 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV028375.D
 Acq: 05 Oct 2022 17:45

Tgt Ion: 94 Resp: 36001
 Ion Ratio Lower Upper
 94 100
 96 91.0 66.7 123.9

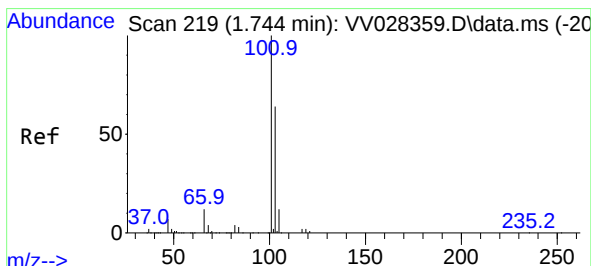
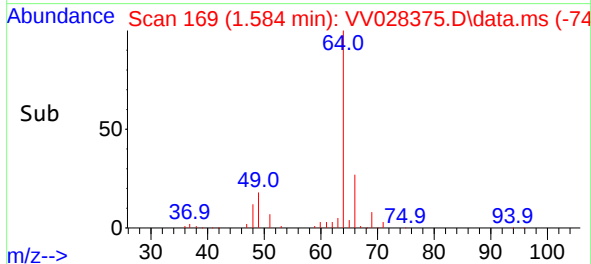
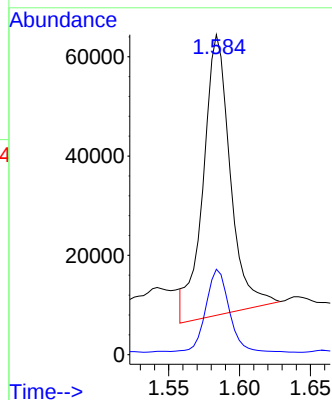
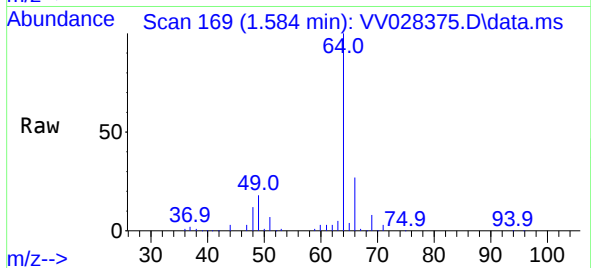




#8
Chloroethane
Concen: 6.330 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

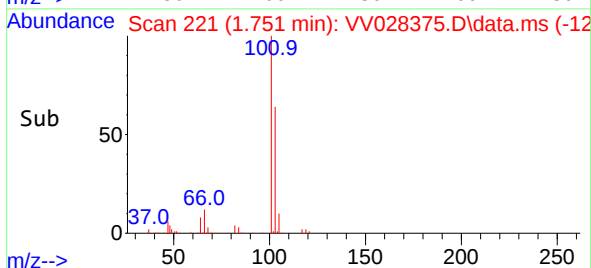
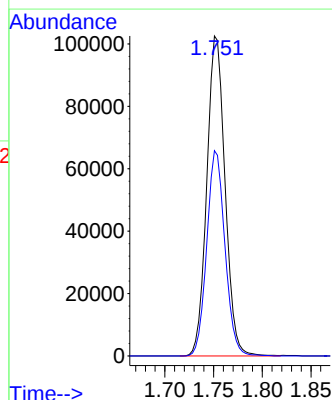
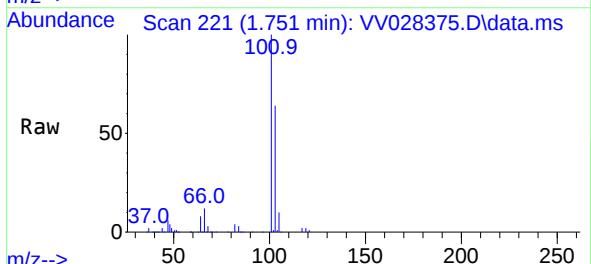
Instrument :
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ClientSampleId :
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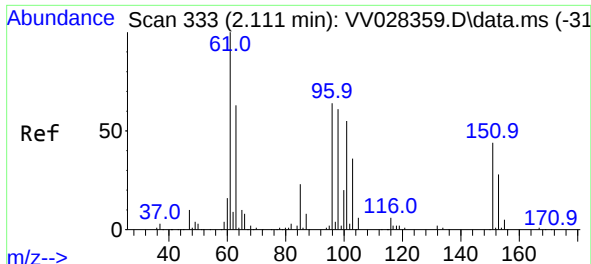
Tgt Ion: 64 Resp: 75169
Ion Ratio Lower Upper
64 100
66 26.7 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.993 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.006 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion: 101 Resp: 133676
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0

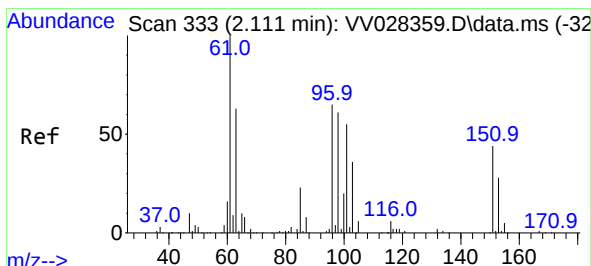
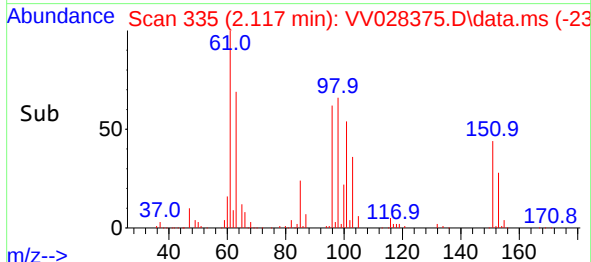
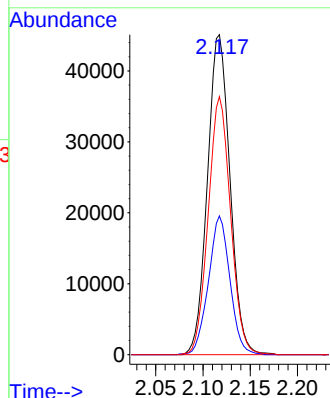
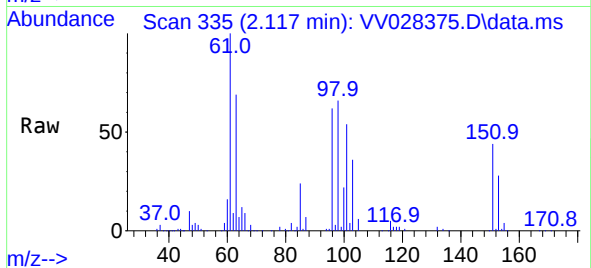




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.008 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.010 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

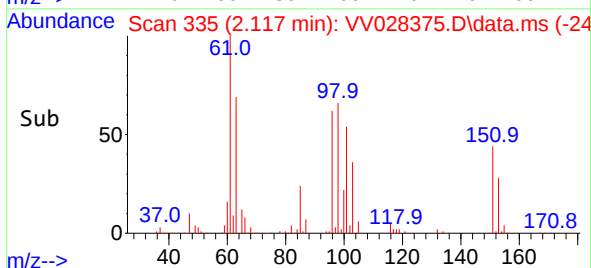
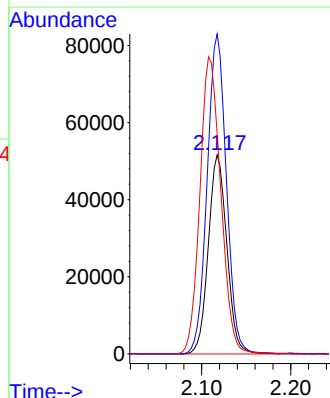
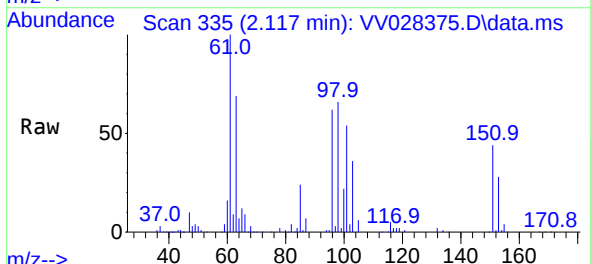
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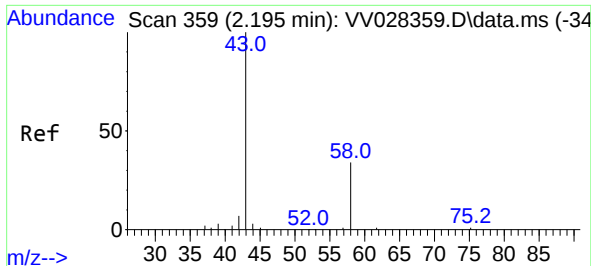
Tgt Ion:101 Resp: 74999
Ion Ratio Lower Upper
101 100
85 41.3 34.4 51.6
151 79.9 61.1 91.7



#12
1,1-Dichloroethene
Concen: 4.994 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.006 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion: 96 Resp: 74369
Ion Ratio Lower Upper
96 100
61 160.8 128.3 238.3
63 110.6 112.7 209.3#

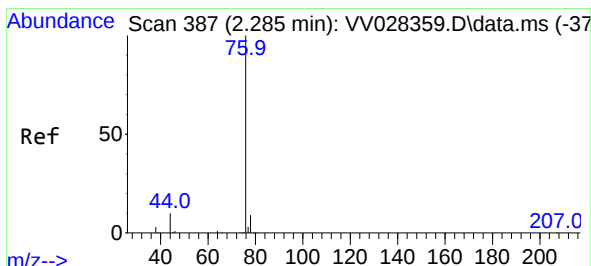
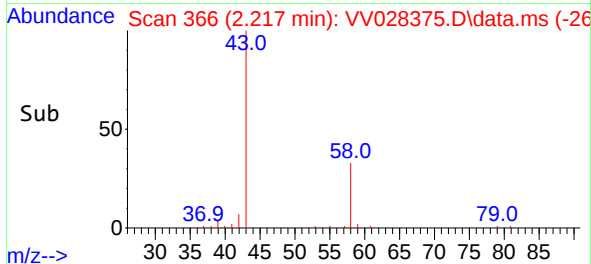
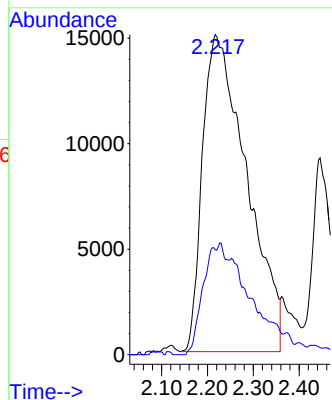
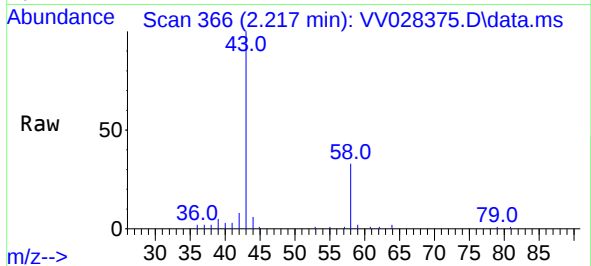




#13
Acetone
Concen: 57.985 ug/L
RT: 2.217 min Scan# 30
Delta R.T. 0.042 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

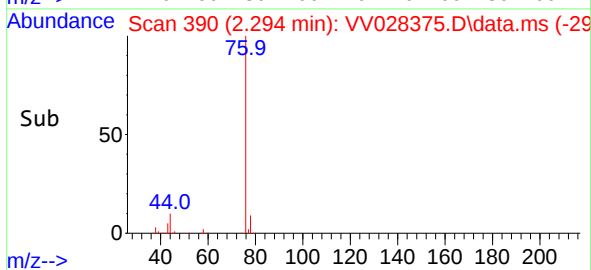
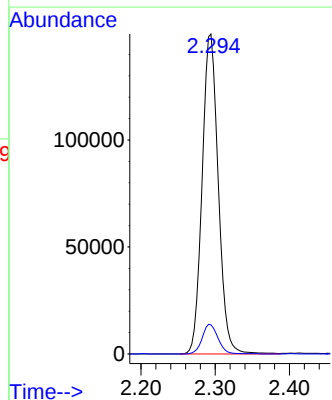
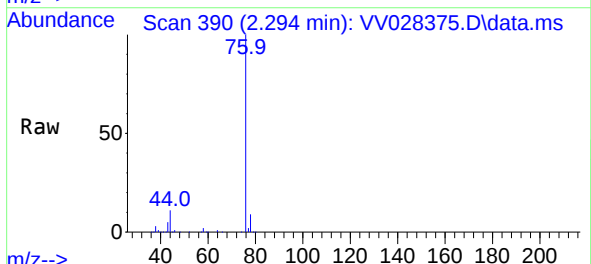
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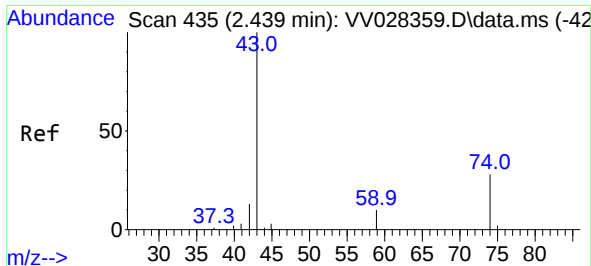
Tgt Ion: 43 Resp: 100485
Ion Ratio Lower Upper
43 100
58 11.2 0.0 65.6



#14
Carbon disulfide
Concen: 4.873 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.010 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion: 76 Resp: 226062
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

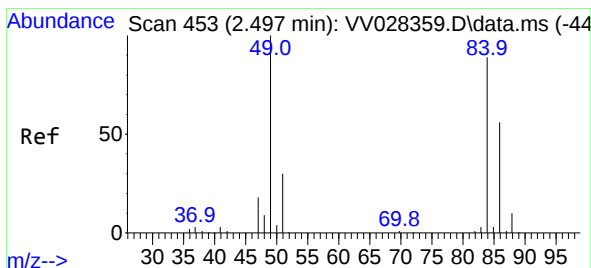
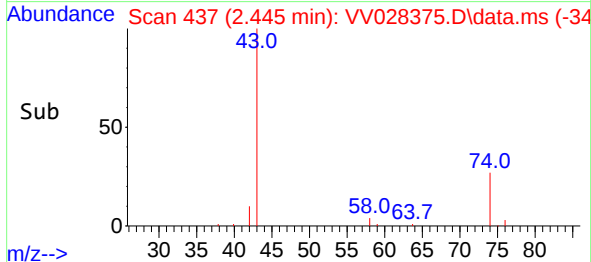
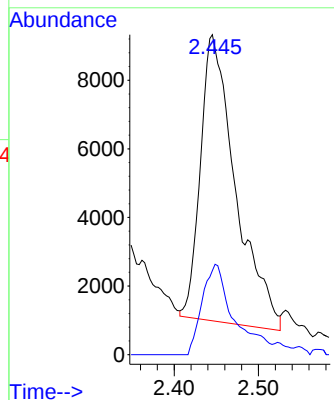
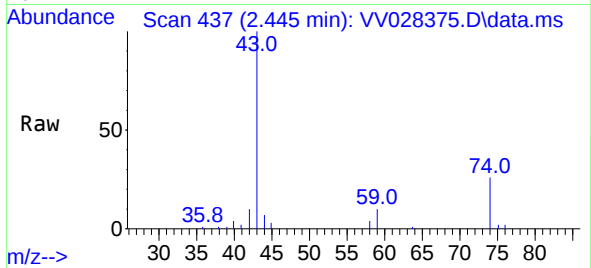




#15
Methyl Acetate
Concen: 5.127 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

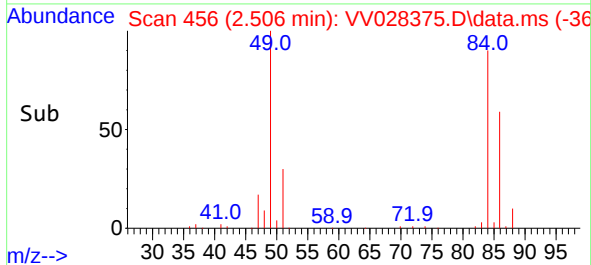
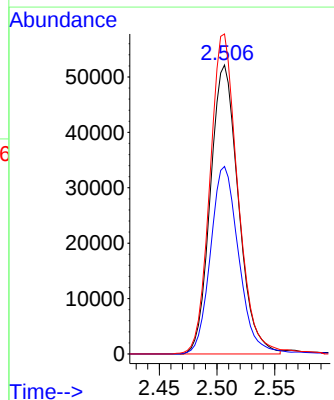
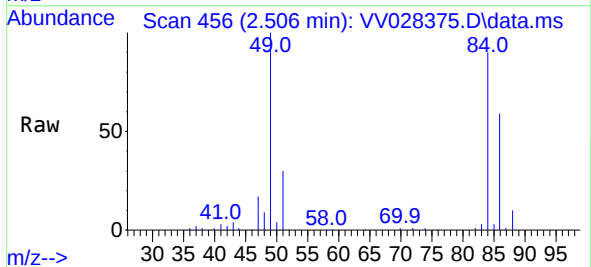
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

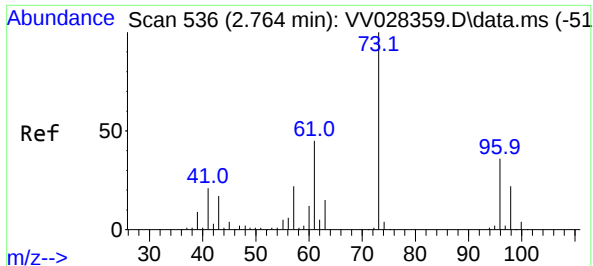
Tgt Ion: 43 Resp: 24184
Ion Ratio Lower Upper
43 100
74 28.5 16.9 25.3#



#16
Methylene chloride
Concen: 5.248 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.006 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion: 84 Resp: 87961
Ion Ratio Lower Upper
84 100
86 64.9 46.8 86.8
49 110.7 87.5 162.5

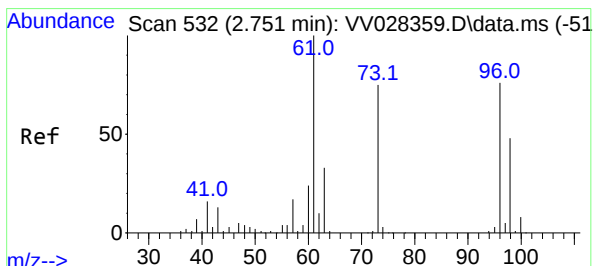
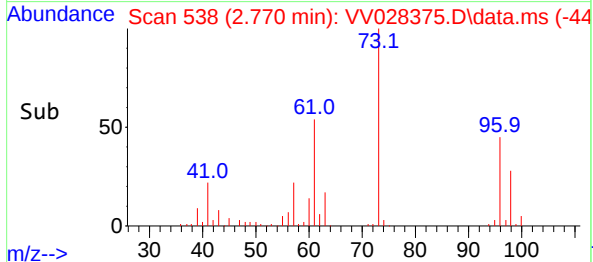
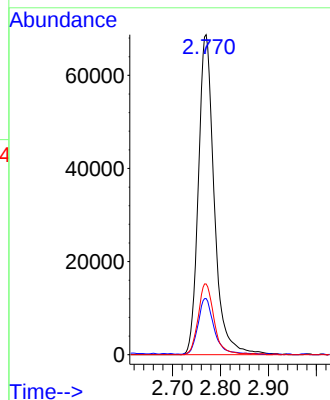
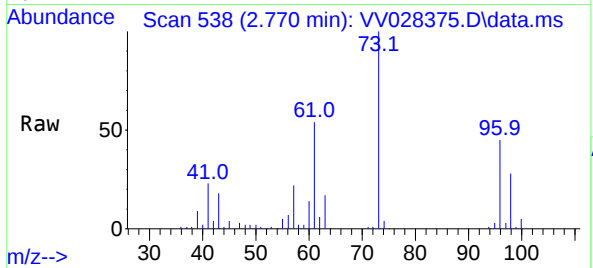




#17
Methyl tert-butyl Ether
Concen: 5.171 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

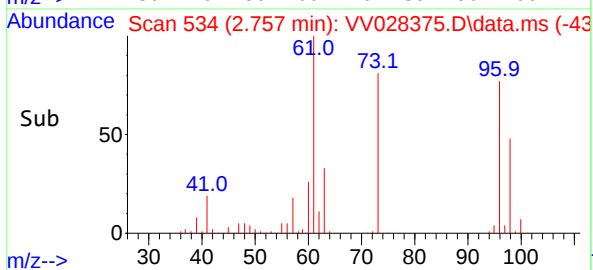
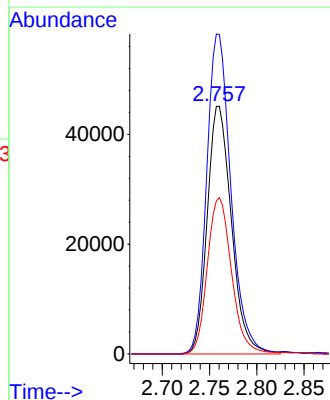
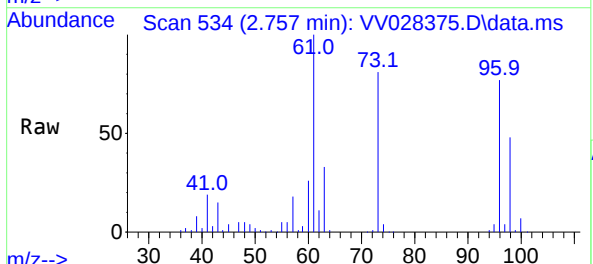
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

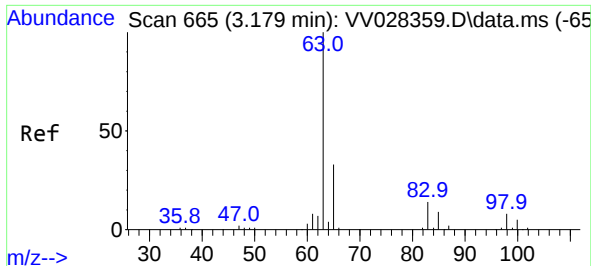
Tgt Ion: 73 Resp: 158109
Ion Ratio Lower Upper
73 100
43 17.4 15.7 23.5
57 22.0 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.187 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion: 96 Resp: 80440
Ion Ratio Lower Upper
96 100
61 129.2 96.2 178.6
98 61.8 45.7 84.9

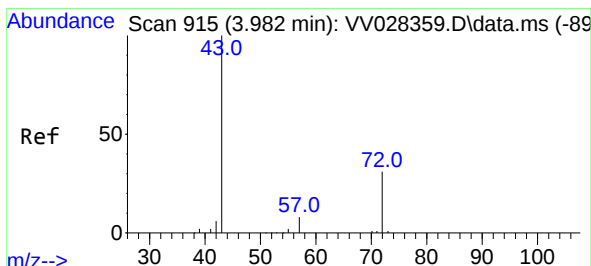
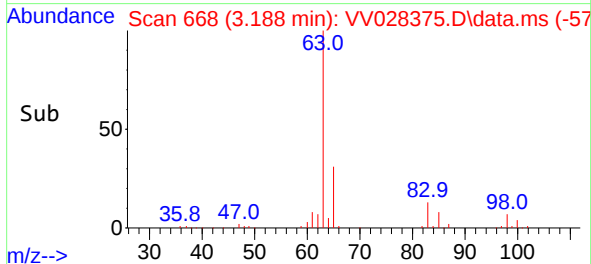
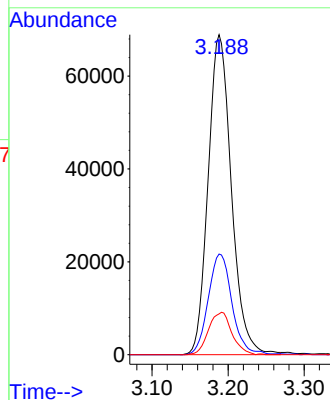
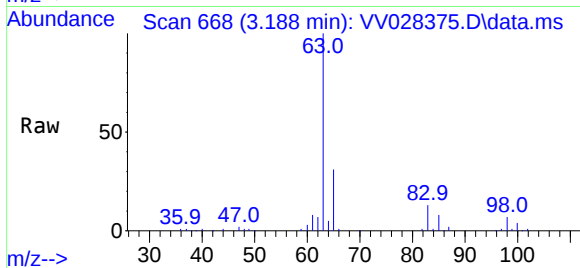




#19
1,1-Dichloroethane
Concen: 5.537 ug/L
RT: 3.188 min Scan# 6
Delta R.T. 0.006 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

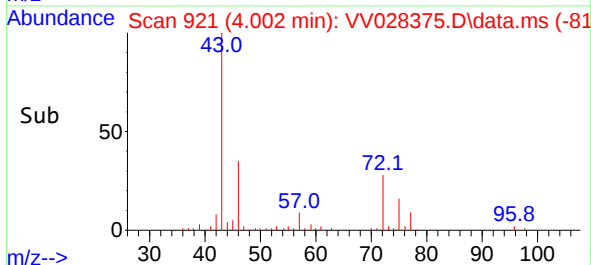
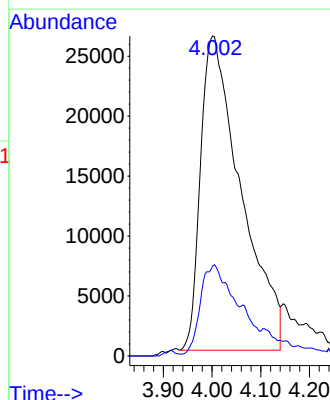
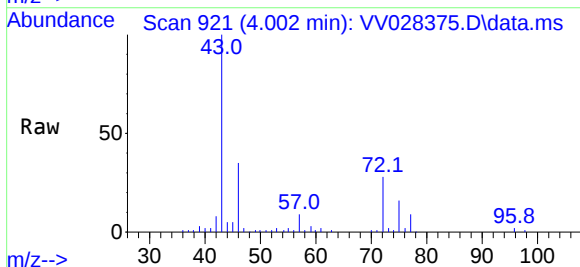
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

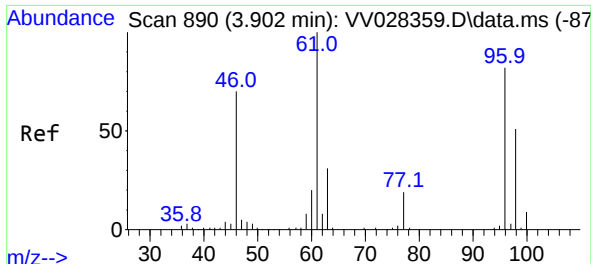
Tgt Ion: 63 Resp: 146260
Ion Ratio Lower Upper
63 100
65 31.4 23.0 42.8
83 12.8 9.2 17.2



#21
2-Butanone
Concen: 57.394 ug/L
RT: 4.002 min Scan# 921
Delta R.T. 0.032 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion: 43 Resp: 150989
Ion Ratio Lower Upper
43 100
72 21.0 12.7 38.1



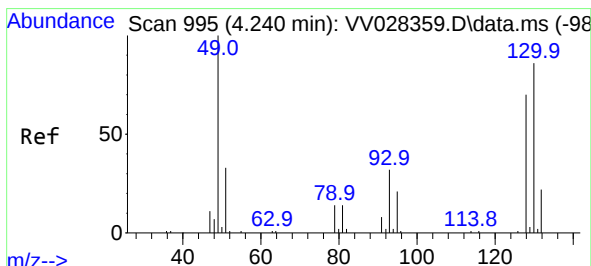
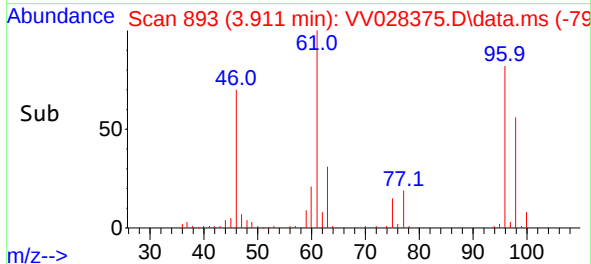
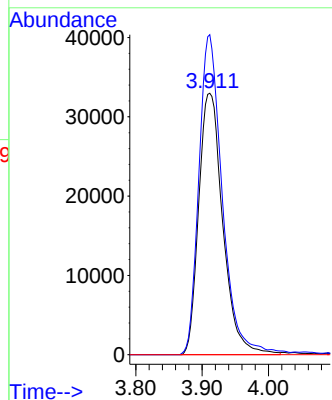
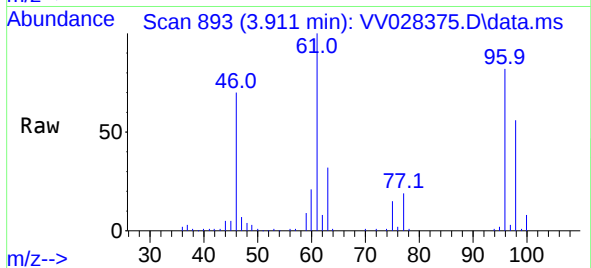


#22
 cis-1,2-Dichloroethene
 Concen: 5.329 ug/L
 RT: 3.911 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV028375.D
 Acq: 05 Oct 2022 17:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005322

Tgt Ion: 96 Resp: 83237

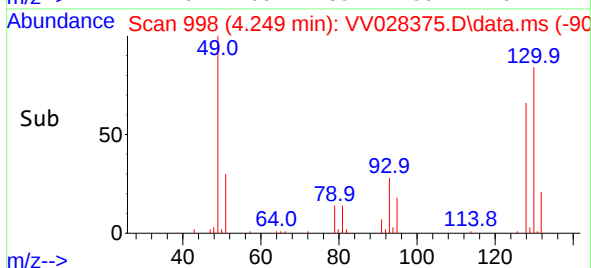
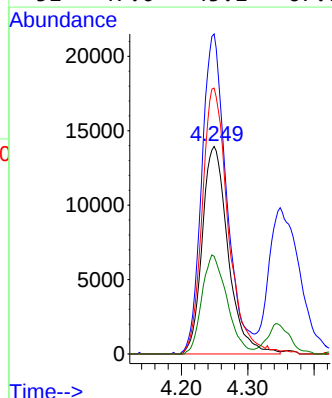
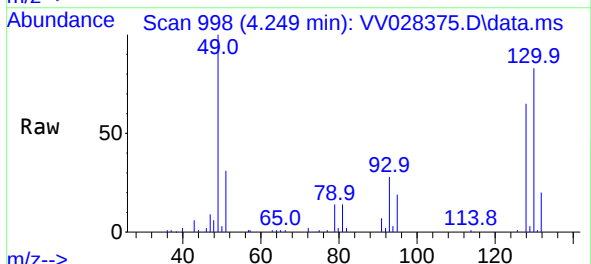
Ion	Ratio	Lower	Upper
96	100		
61	122.4	87.2	161.9
68	0.0	0.0	0.0

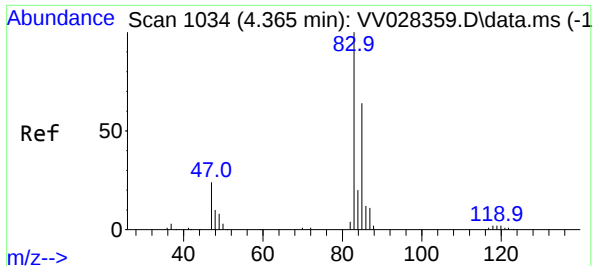


#23
 Bromochloromethane
 Concen: 5.452 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.010 min
 Lab File: VV028375.D
 Acq: 05 Oct 2022 17:45

Tgt Ion: 128 Resp: 37713

Ion	Ratio	Lower	Upper
128	100		
49	154.2	119.9	222.7
130	128.1	94.6	175.8
51	47.0	45.1	67.7





#25

Chloroform

Concen: 5.182 ug/L

RT: 4.375 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VV028375.D

Acq: 05 Oct 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

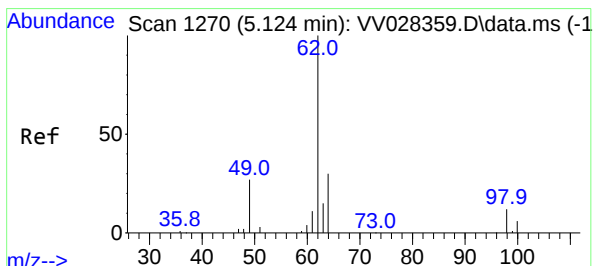
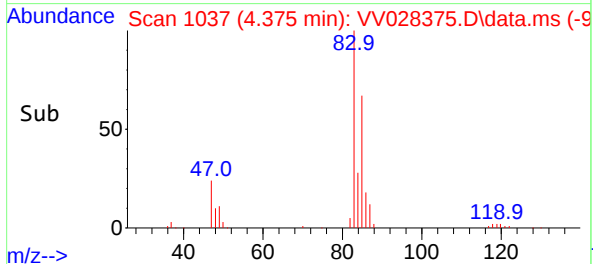
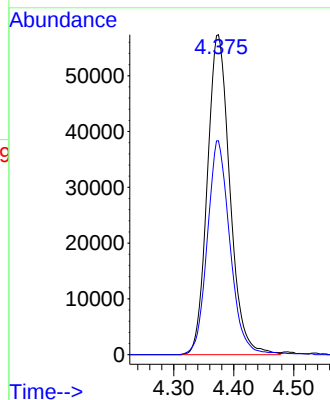
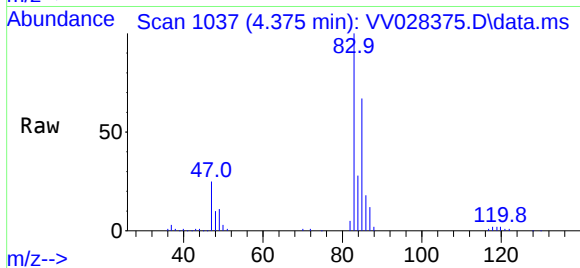
VSTD005322

Tgt Ion: 83 Resp: 150115

Ion Ratio Lower Upper

83 100

85 66.9 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.124 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV028375.D

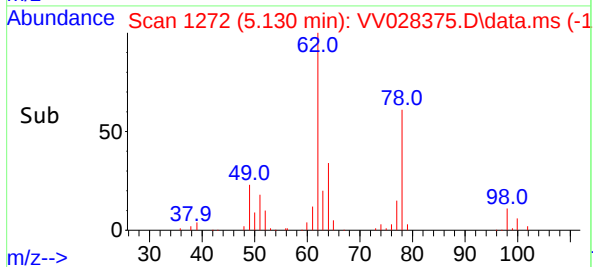
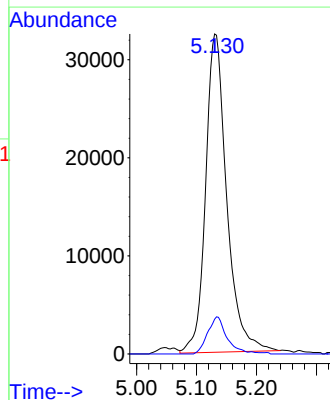
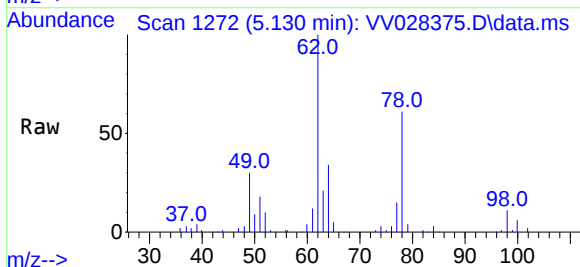
Acq: 05 Oct 2022 17:45

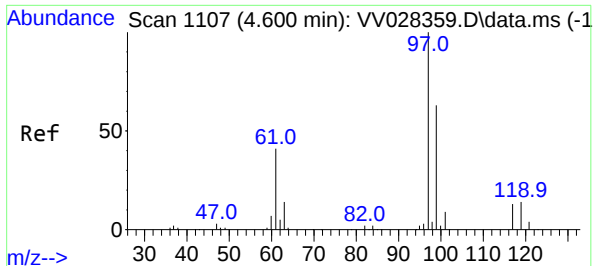
Tgt Ion: 62 Resp: 79517

Ion Ratio Lower Upper

62 100

98 10.9 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 5.122 ug/L

RT: 4.606 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VV028375.D

Acq: 05 Oct 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD005322

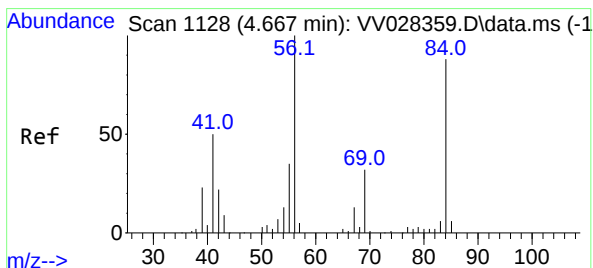
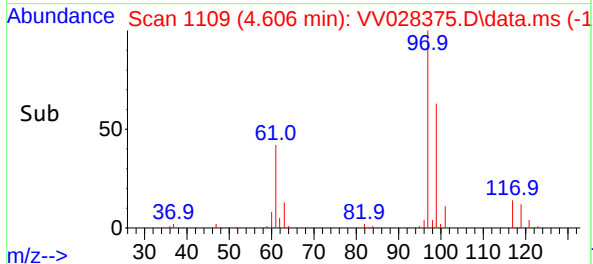
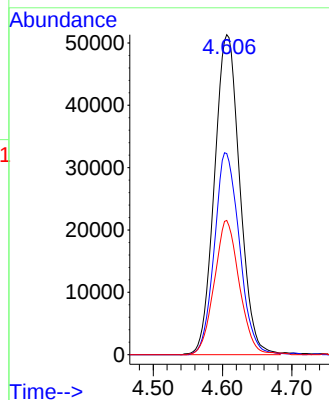
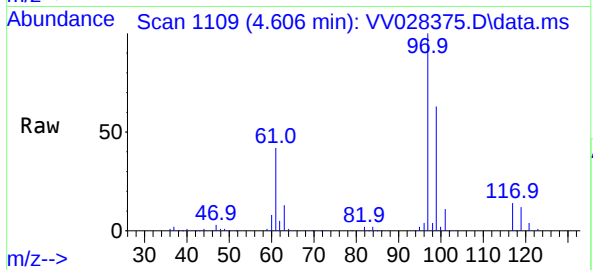
Tgt Ion: 97 Resp: 130299

Ion Ratio Lower Upper

97 100

99 62.6 51.9 77.9

61 41.7 34.8 52.2



#30

Cyclohexane

Concen: 5.259 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.010 min

Lab File: VV028375.D

Acq: 05 Oct 2022 17:45

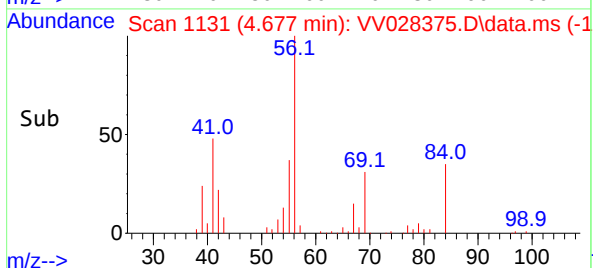
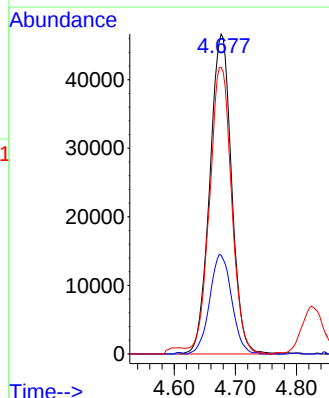
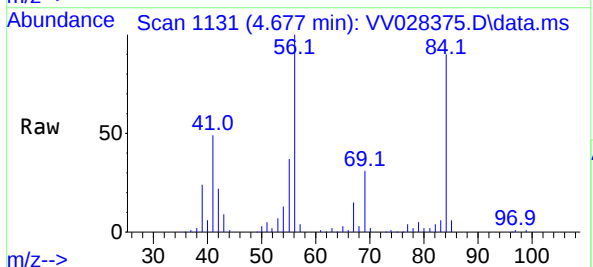
Tgt Ion: 56 Resp: 115265

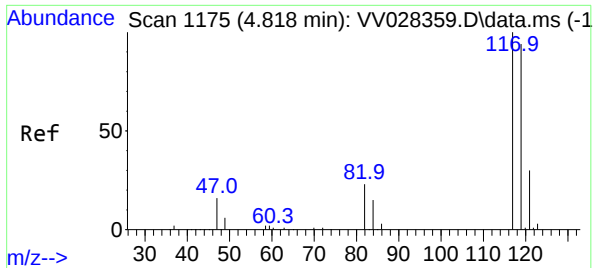
Ion Ratio Lower Upper

56 100

69 31.5 23.7 35.5

84 91.0 67.3 100.9

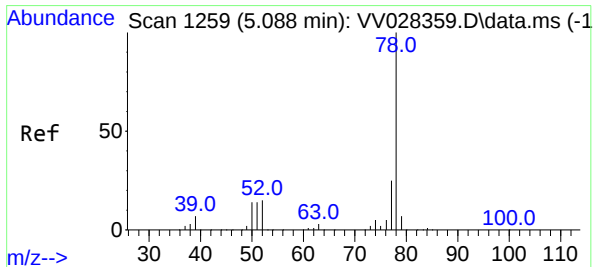
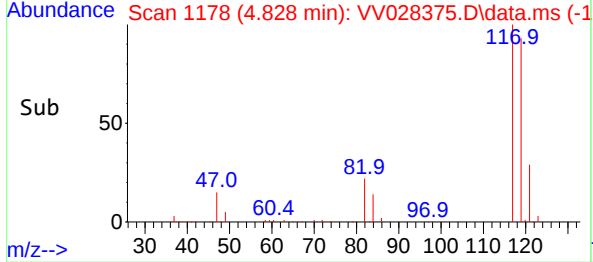
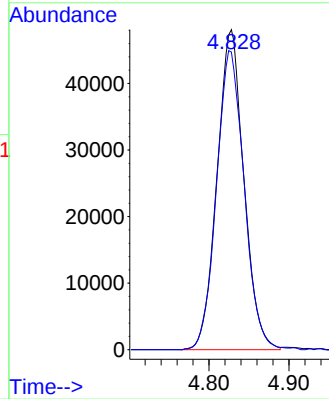
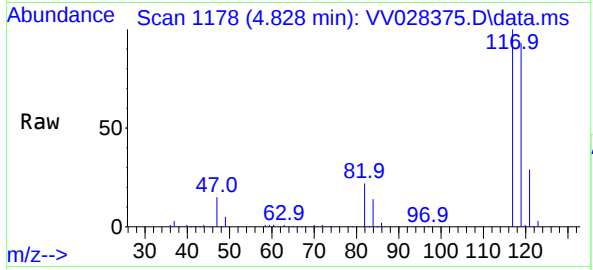




#31
Carbon tetrachloride
Concen: 4.899 ug/L
RT: 4.828 min Scan# 1175
Delta R.T. 0.010 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

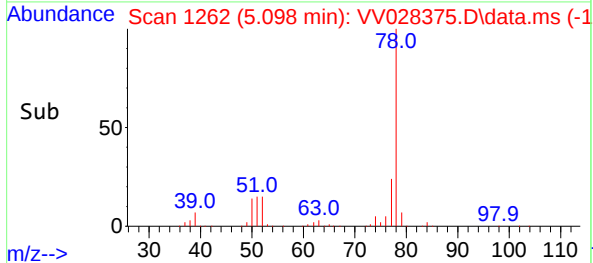
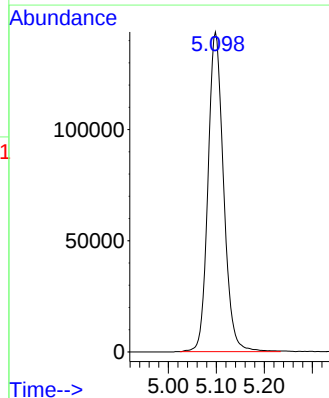
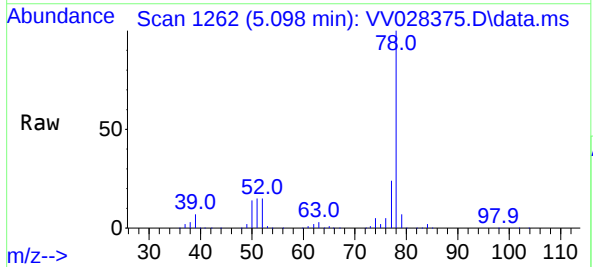
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

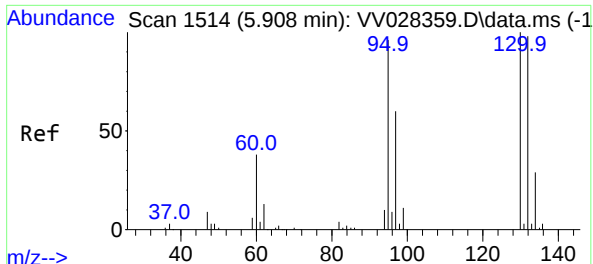
Tgt Ion:117 Resp: 111798
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3



#33
Benzene
Concen: 5.285 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion: 78 Resp: 324452





#34

Trichloroethene

Concen: 5.293 ug/L

RT: 5.911 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028375.D

Acq: 05 Oct 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD005322

Tgt Ion: 95 Resp: 81362

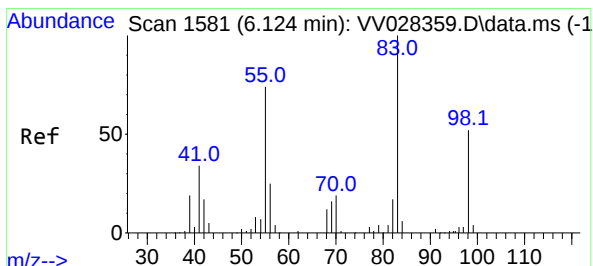
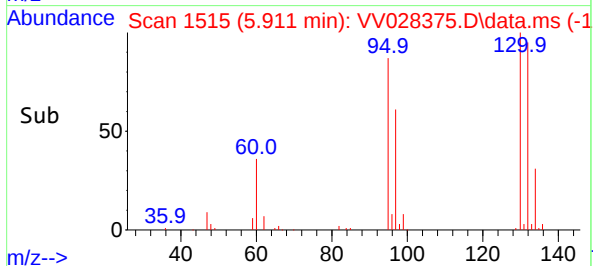
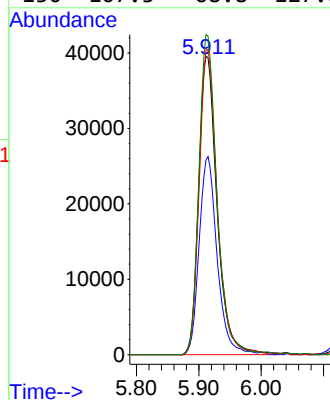
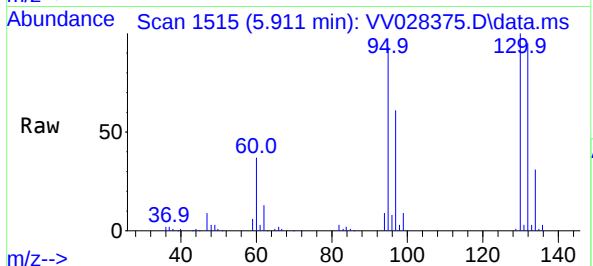
Ion Ratio Lower Upper

95 100

97 65.2 44.2 82.0

132 102.2 67.8 126.0

130 107.3 68.8 127.8



#35

Methylcyclohexane

Concen: 4.972 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.006 min

Lab File: VV028375.D

Acq: 05 Oct 2022 17:45

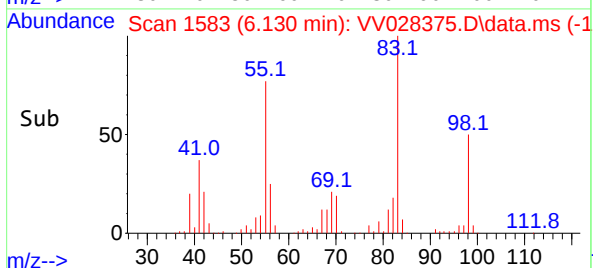
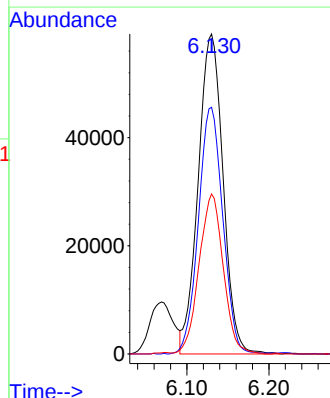
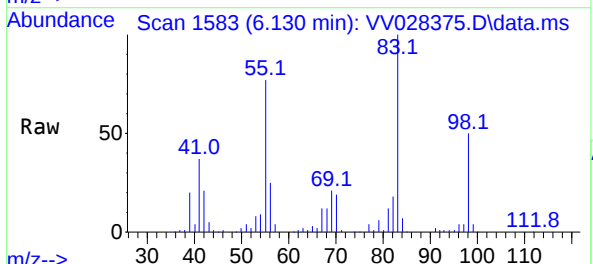
Tgt Ion: 83 Resp: 124789

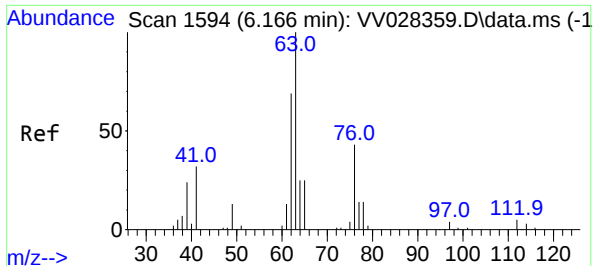
Ion Ratio Lower Upper

83 100

55 75.7 64.7 97.1

98 48.8 39.5 59.3

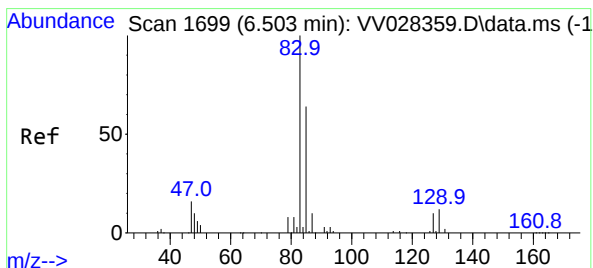
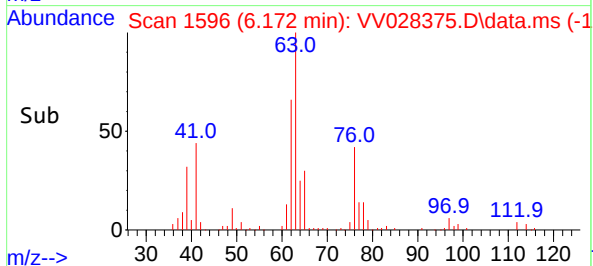
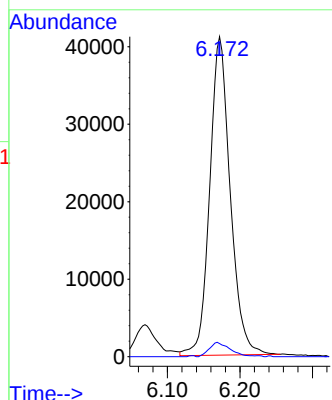
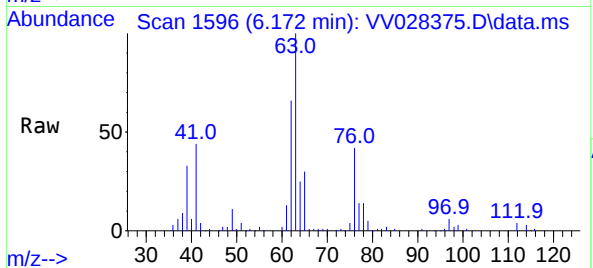




#37
1,2-Dichloropropane
Concen: 5.675 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

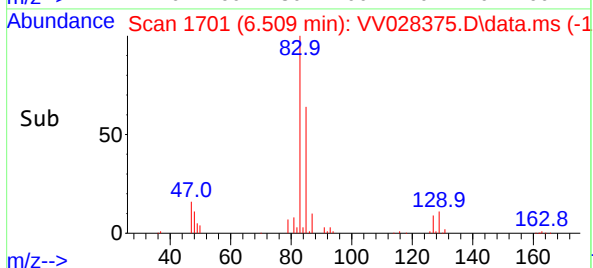
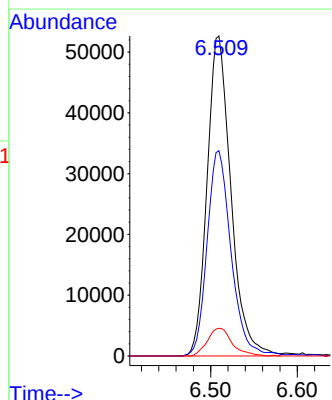
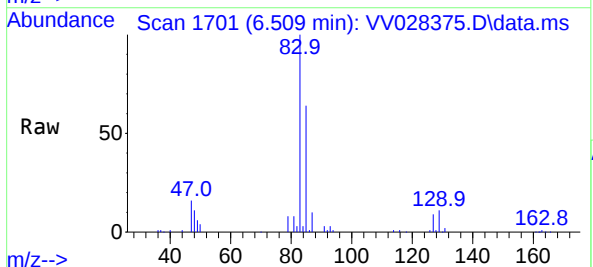
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

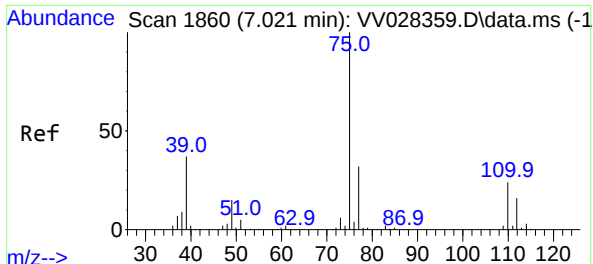
Tgt Ion: 63 Resp: 80698
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 5.133 ug/L
RT: 6.509 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion: 83 Resp: 100659
Ion Ratio Lower Upper
83 100
85 64.2 43.8 81.4
127 8.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.032 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV028375.D

Acq: 05 Oct 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

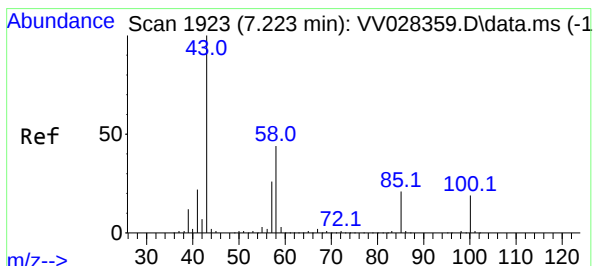
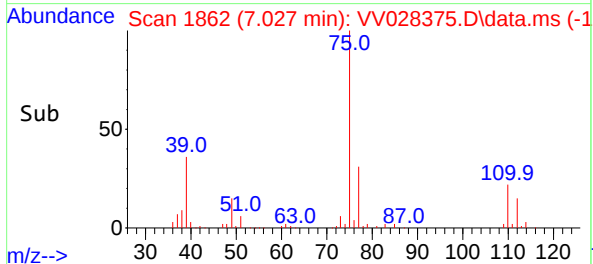
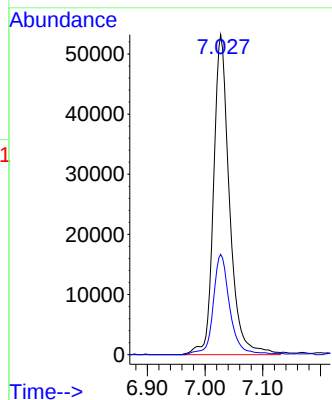
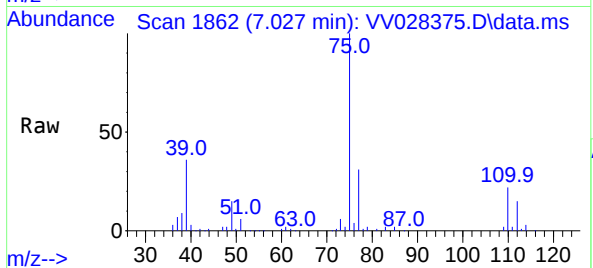
VSTD005322

Tgt Ion: 75 Resp: 102122

Ion Ratio Lower Upper

75 100

77 31.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 61.002 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV028375.D

Acq: 05 Oct 2022 17:45

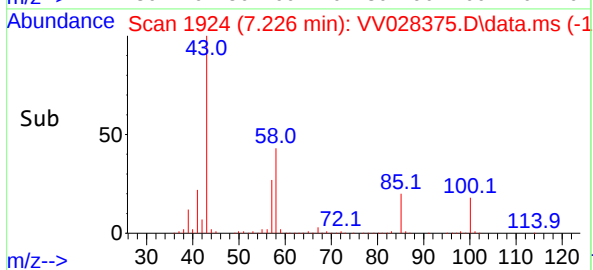
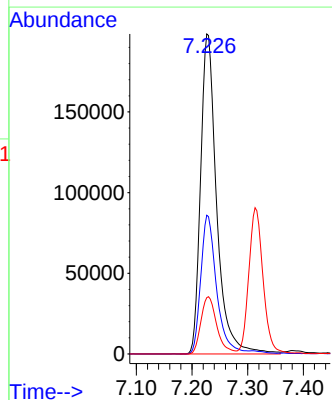
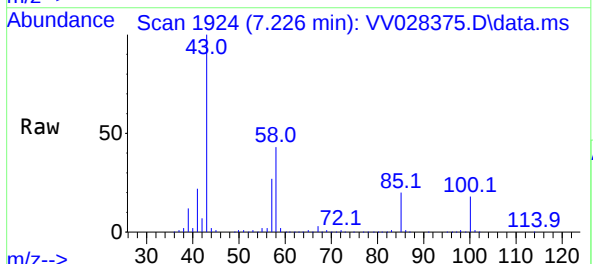
Tgt Ion: 43 Resp: 398516

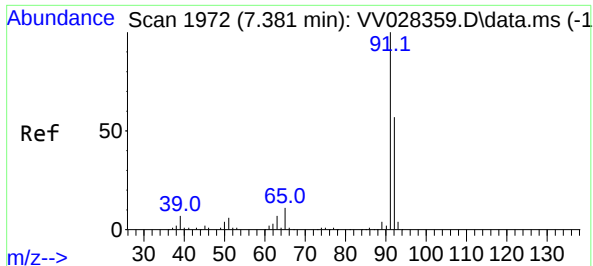
Ion Ratio Lower Upper

43 100

58 42.6 32.2 48.4

100 17.6 12.7 19.1

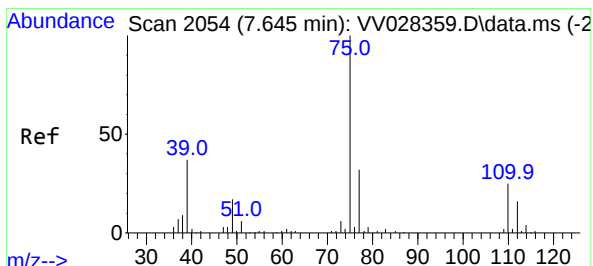
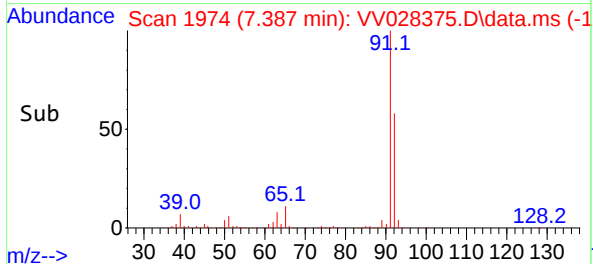
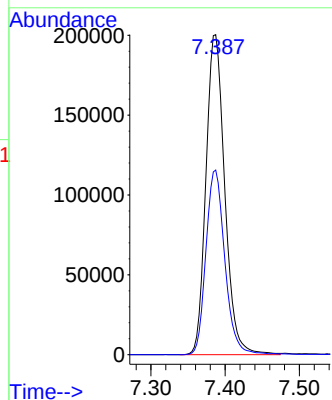
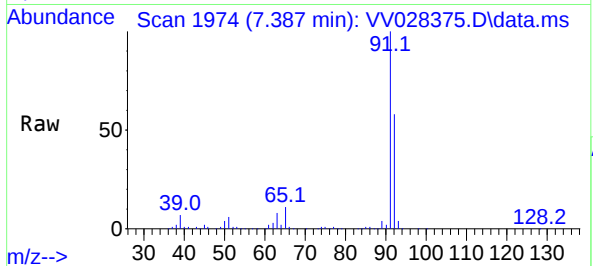




#42
Toluene
Concen: 5.464 ug/L
RT: 7.387 min Scan# 1972
Delta R.T. 0.003 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

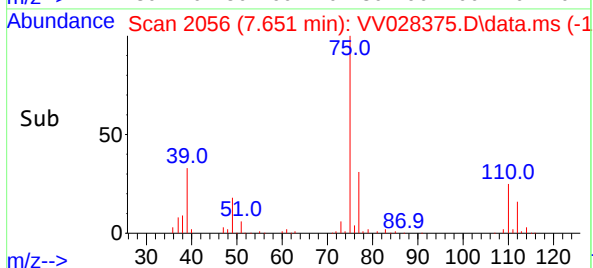
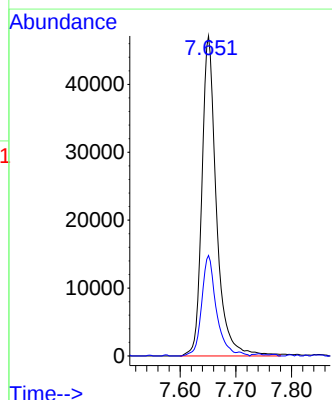
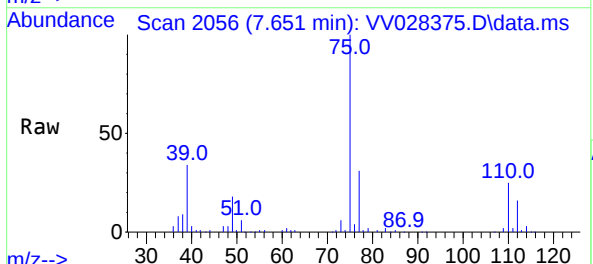
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

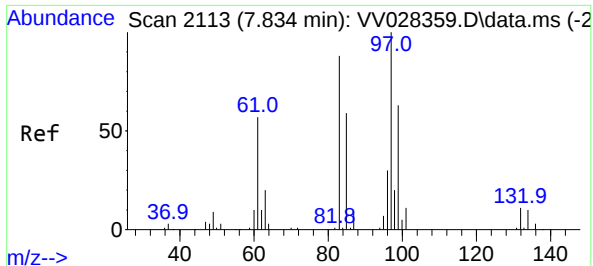
Tgt Ion: 91 Resp: 352992
Ion Ratio Lower Upper
91 100
92 57.7 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 4.965 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion: 75 Resp: 85616
Ion Ratio Lower Upper
75 100
77 31.4 23.9 44.3



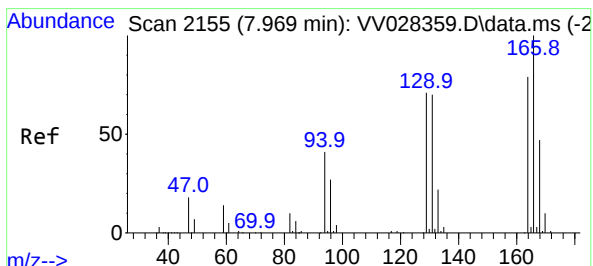
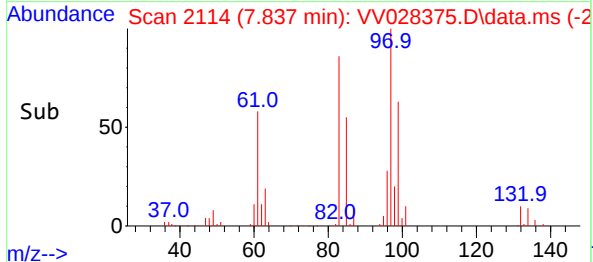
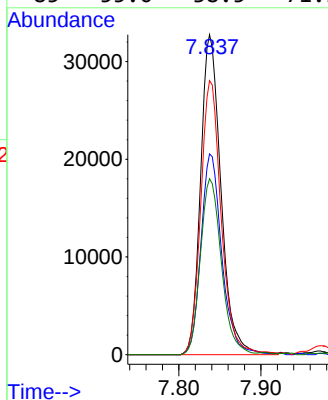
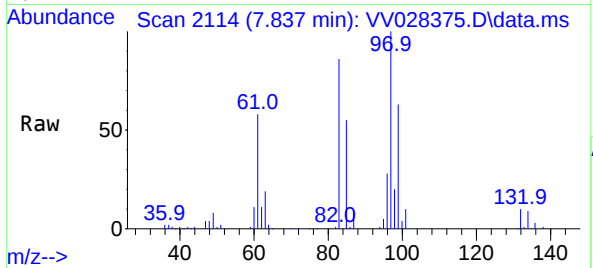


#45
1,1,2-Trichloroethane
Concen: 5.355 ug/L
RT: 7.837 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

Tgt Ion: 97 Resp: 56474

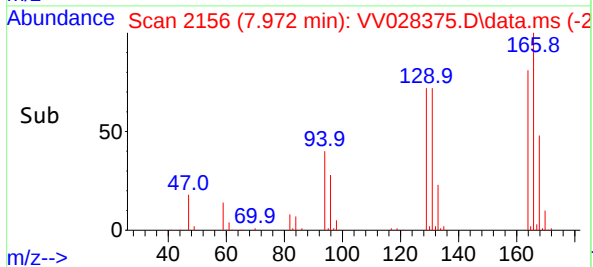
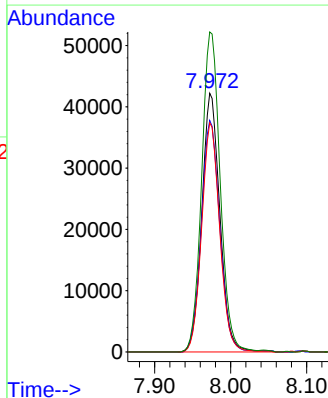
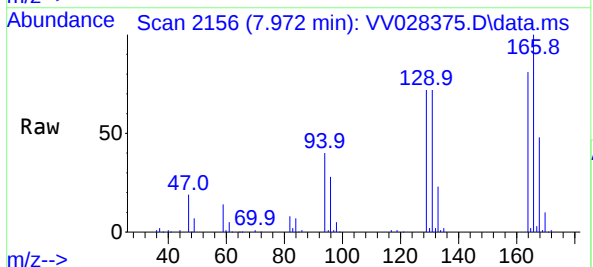
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.2	80.2
83	85.7	59.1	109.9
85	55.0	38.5	71.5

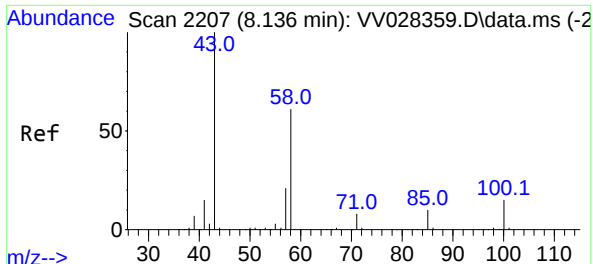


#47
Tetrachloroethene
Concen: 5.191 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion: 164 Resp: 69746

Ion	Ratio	Lower	Upper
164	100		
129	89.5	66.7	123.9
131	88.5	61.7	114.5
166	123.7	90.9	168.9

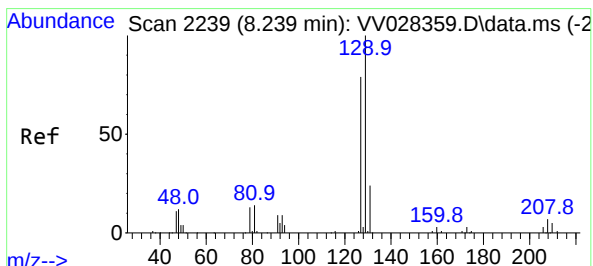
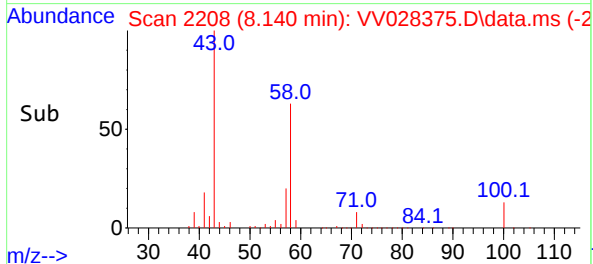
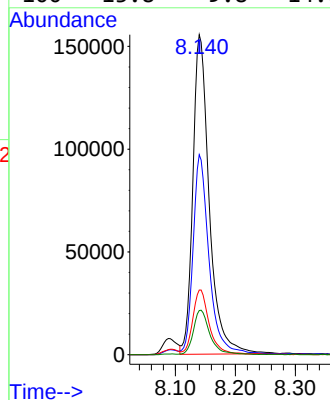
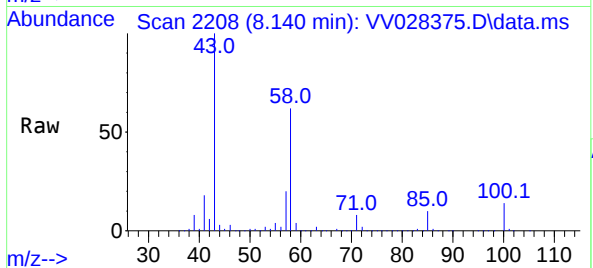




#48
2-Hexanone
Concen: 64.687 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.004 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

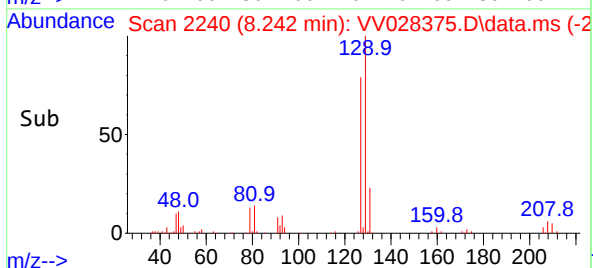
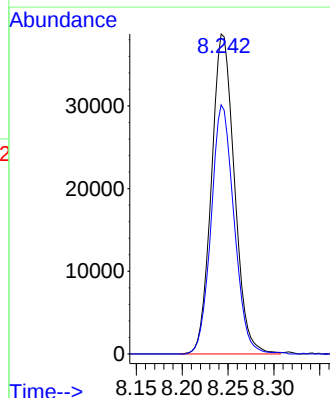
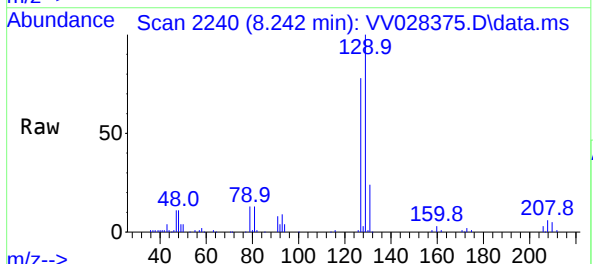
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

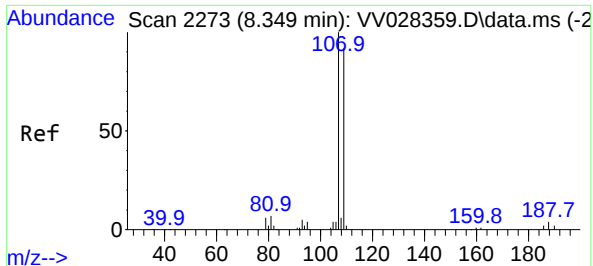
Tgt Ion: 43 Resp: 295976
Ion Ratio Lower Upper
43 100
58 60.5 45.7 68.5
57 20.0 15.5 23.3
100 13.8 9.8 14.6



#49
Dibromochloromethane
Concen: 5.056 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion: 129 Resp: 67495
Ion Ratio Lower Upper
129 100
127 77.8 54.3 100.9

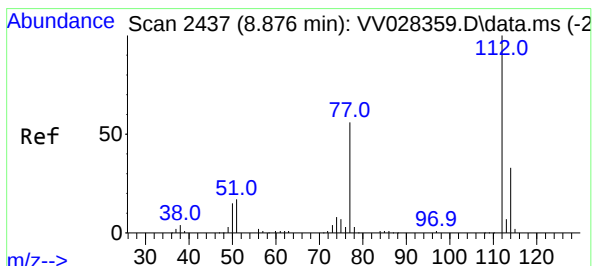
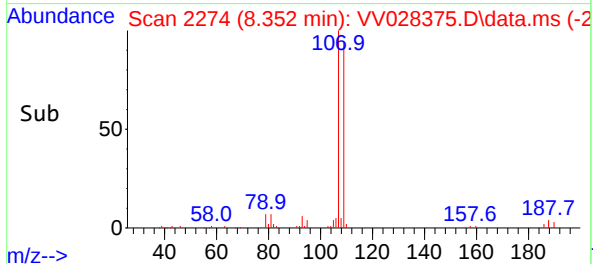
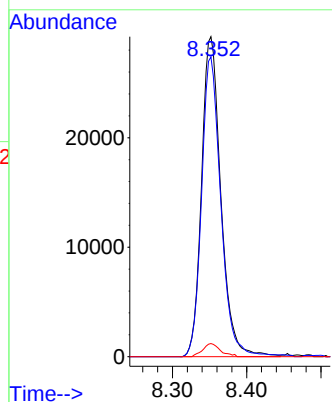
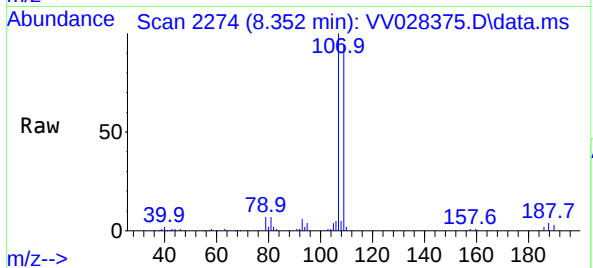




#50
1,2-Dibromoethane
Concen: 5.569 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

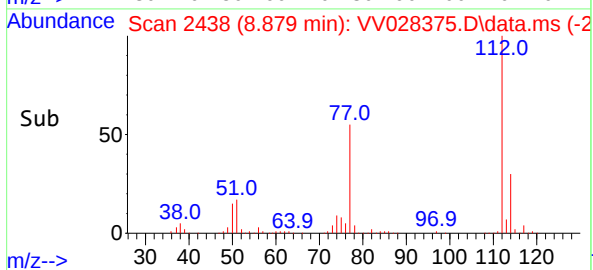
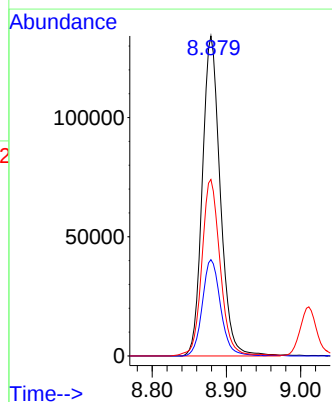
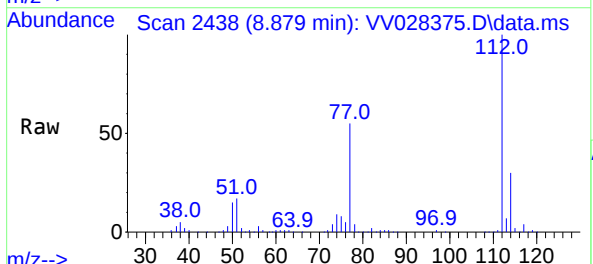
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

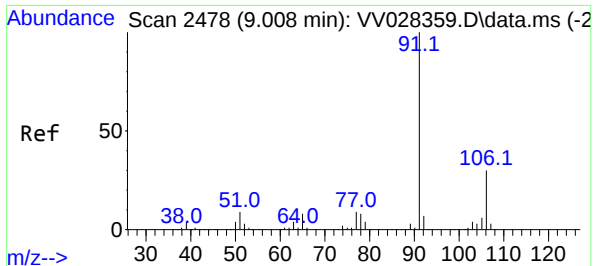
Tgt Ion:107 Resp: 52851
Ion Ratio Lower Upper
107 100
109 93.7 65.9 122.5
188 4.1 3.4 5.0



#51
Chlorobenzene
Concen: 5.236 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion:112 Resp: 224937
Ion Ratio Lower Upper
112 100
114 30.1 22.5 41.7
77 55.1 46.1 69.1

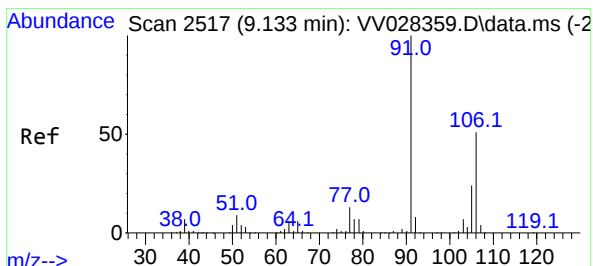
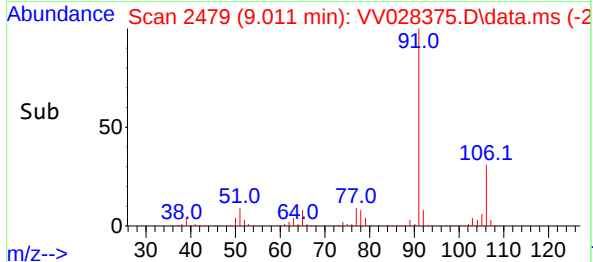
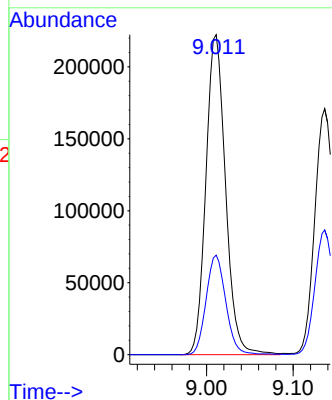
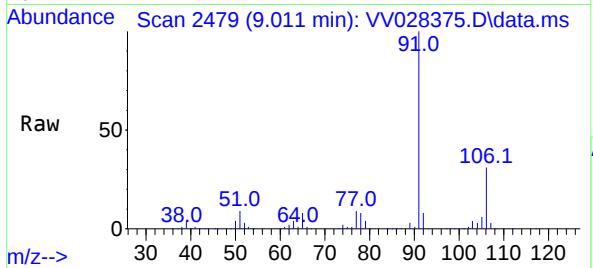




#52
Ethylbenzene
Concen: 5.160 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

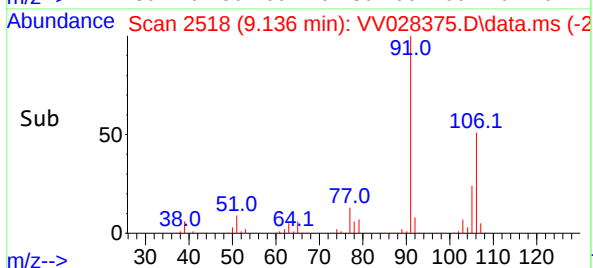
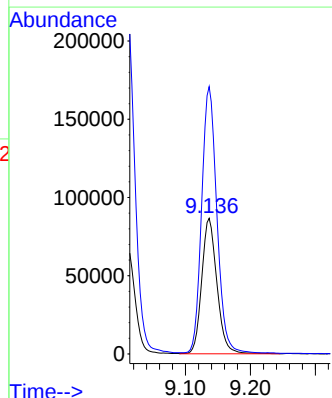
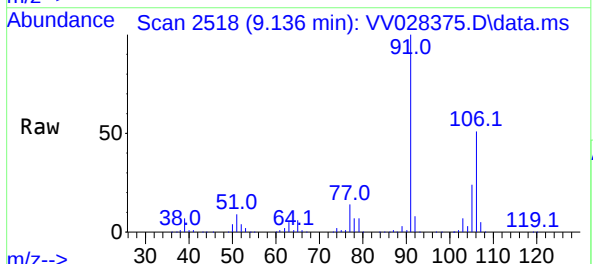
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

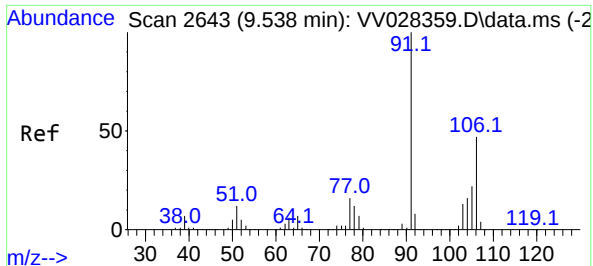
Tgt Ion: 91 Resp: 350299
Ion Ratio Lower Upper
91 100
106 31.1 21.5 39.9



#53
m,p-Xylene
Concen: 5.221 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion: 106 Resp: 141304
Ion Ratio Lower Upper
106 100
91 197.1 141.9 263.5

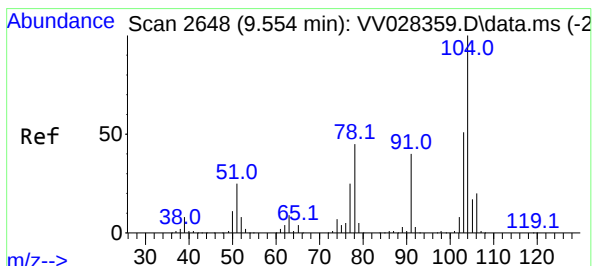
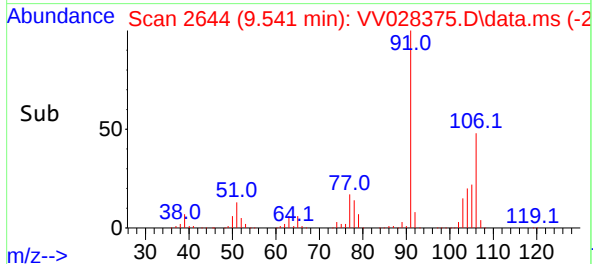
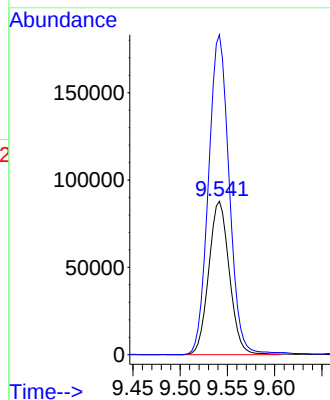
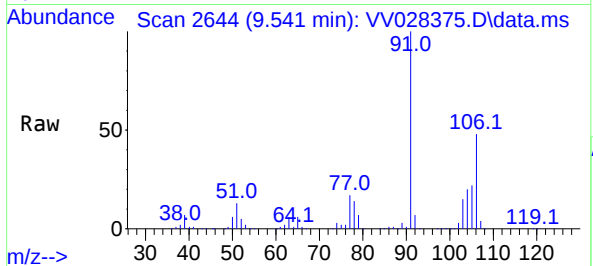




#54
o-Xylene
Concen: 5.205 ug/L
RT: 9.541 min Scan# 2643
Delta R.T. -0.000 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

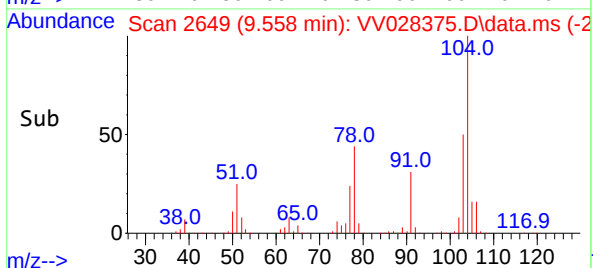
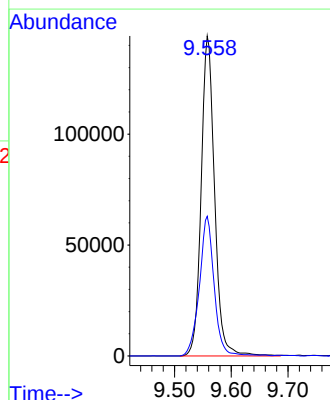
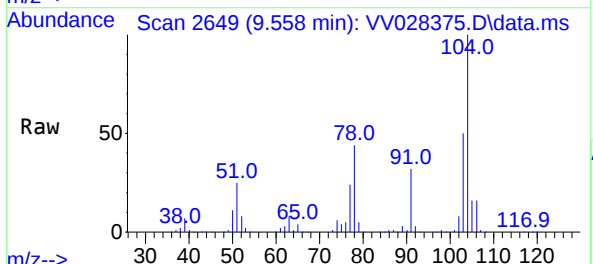
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

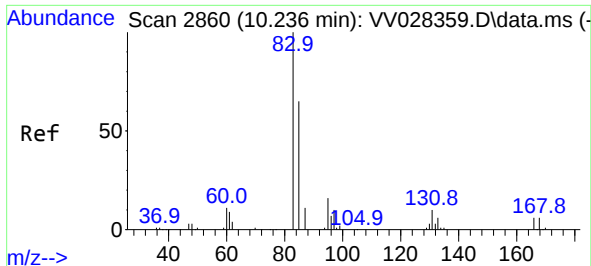
Tgt Ion:106 Resp: 133245
Ion Ratio Lower Upper
106 100
91 208.5 148.1 275.0



#55
Styrene
Concen: 5.408 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion:104 Resp: 237915
Ion Ratio Lower Upper
104 100
78 43.7 31.0 57.6

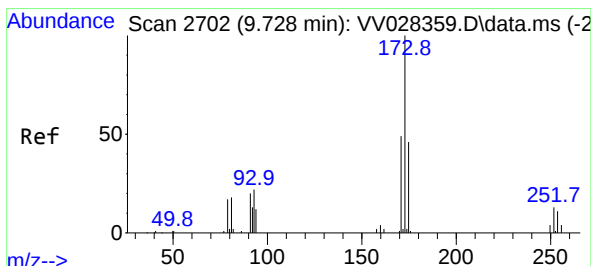
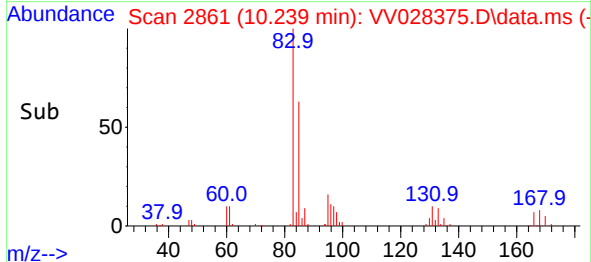
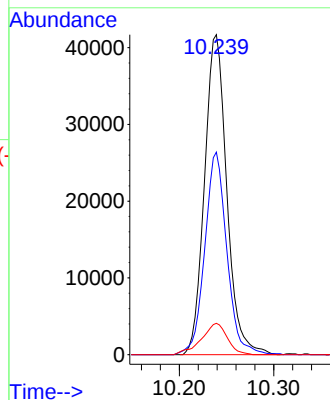
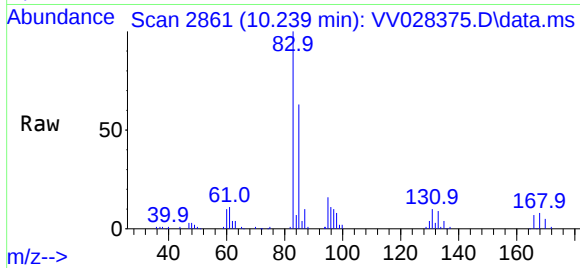




#57
1,1,2,2-Tetrachloroethane
Concen: 5.712 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

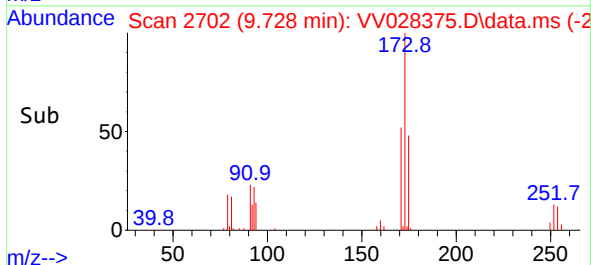
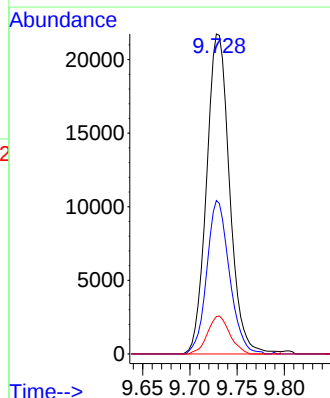
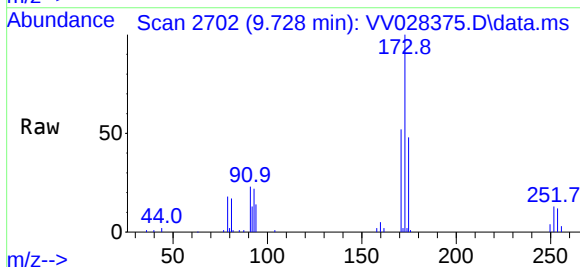
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

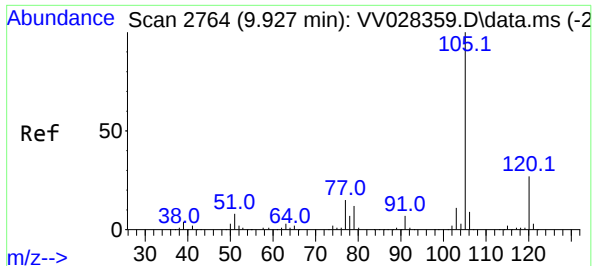
Tgt Ion: 83 Resp: 68347
Ion Ratio Lower Upper
83 100
85 63.3 45.2 84.0
131 9.8 7.8 11.8



#59
Bromoform
Concen: 4.845 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion: 173 Resp: 36873
Ion Ratio Lower Upper
173 100
175 47.1 39.0 58.4
254 11.4 8.7 13.1

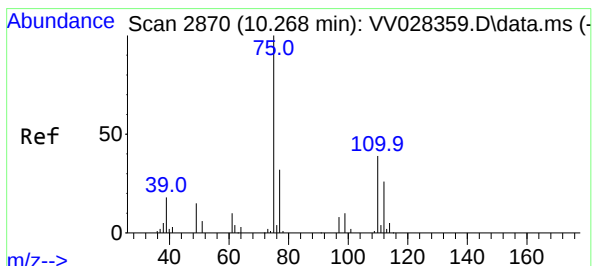
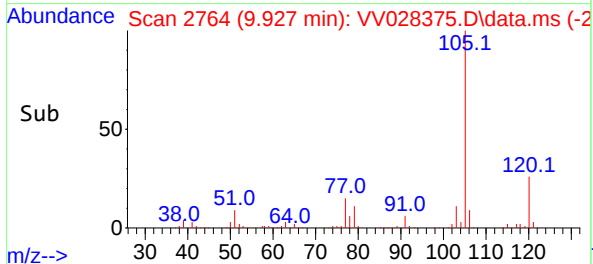
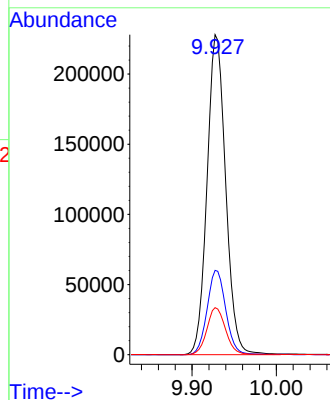
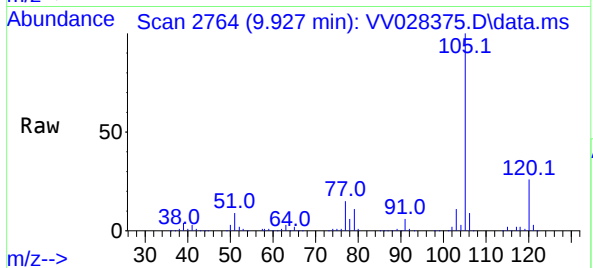




#60
Isopropylbenzene
Concen: 4.961 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

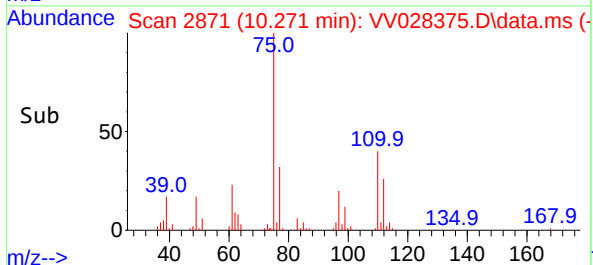
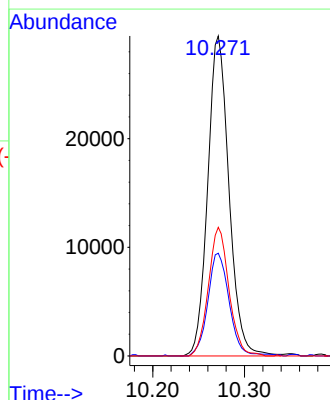
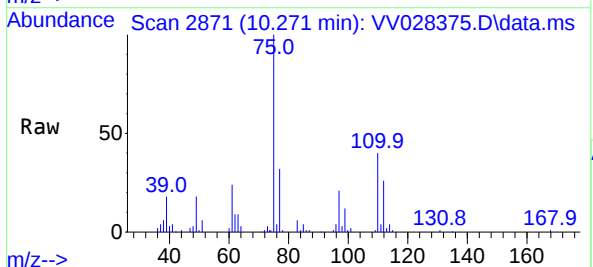
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

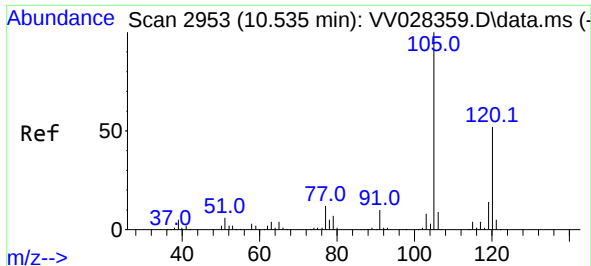
Tgt Ion:105 Resp: 350729
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.0
77 14.8 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.327 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion: 75 Resp: 47493
Ion Ratio Lower Upper
75 100
77 32.4 26.7 40.1
110 39.0 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 4.684 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV028375.D

Acq: 05 Oct 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

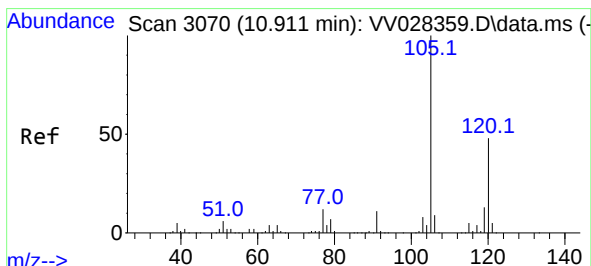
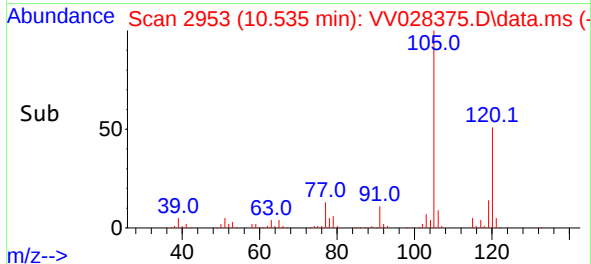
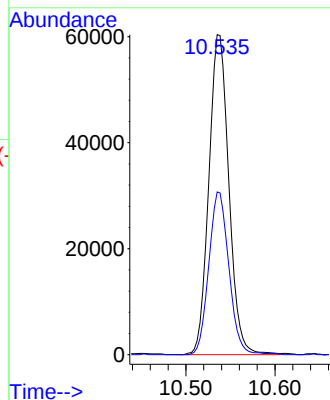
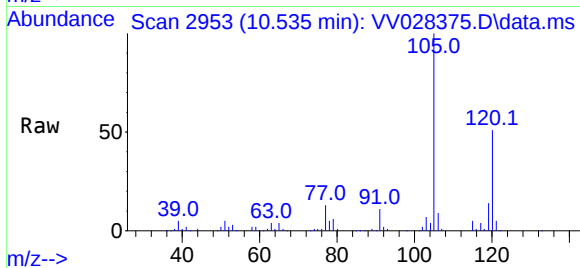
VSTD005322

Tgt Ion:105 Resp: 94101

Ion Ratio Lower Upper

105 100

120 50.9 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 4.690 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV028375.D

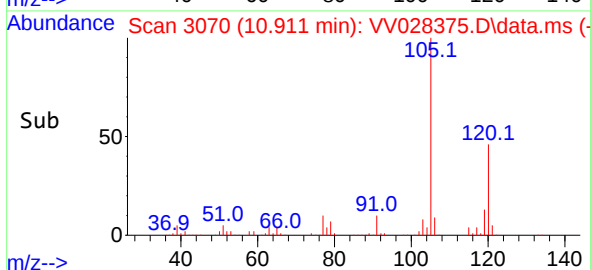
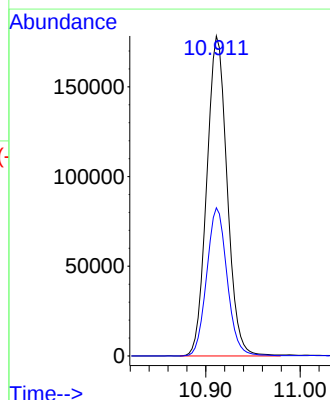
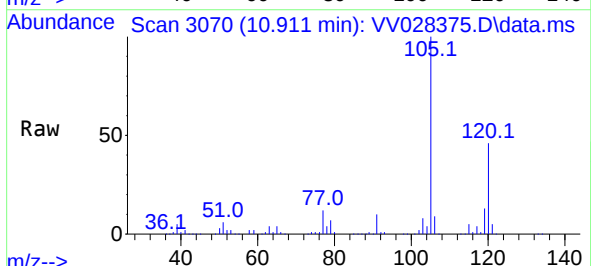
Acq: 05 Oct 2022 17:45

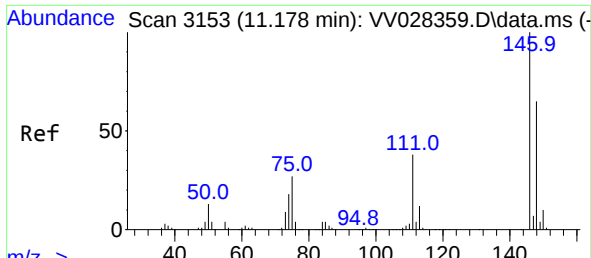
Tgt Ion:105 Resp: 267055

Ion Ratio Lower Upper

105 100

120 46.5 37.8 56.8

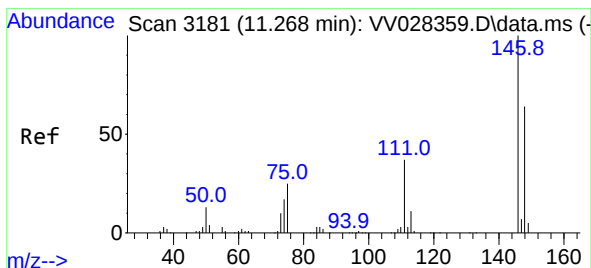
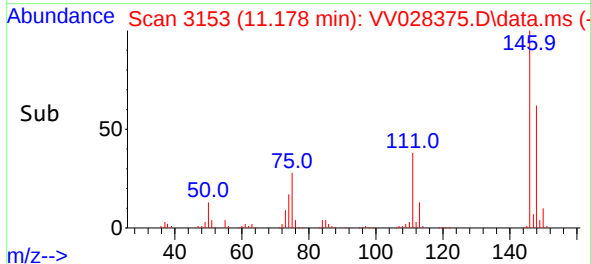
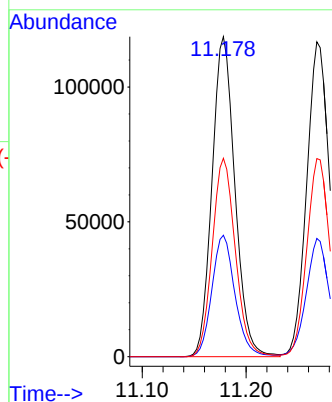
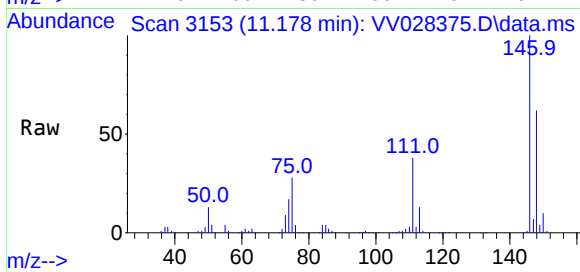




#64
1,3-Dichlorobenzene
Concen: 5.229 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

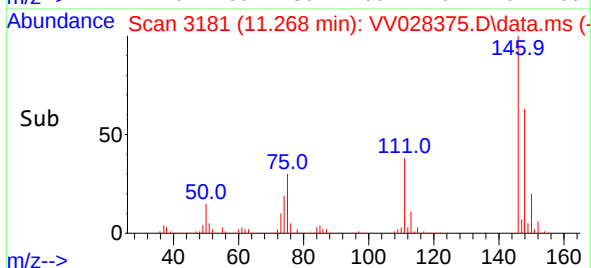
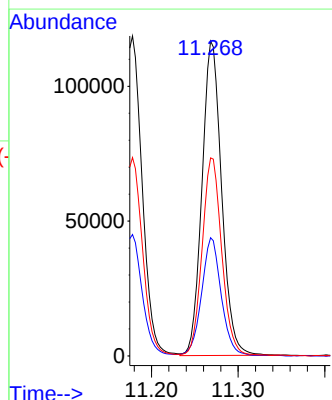
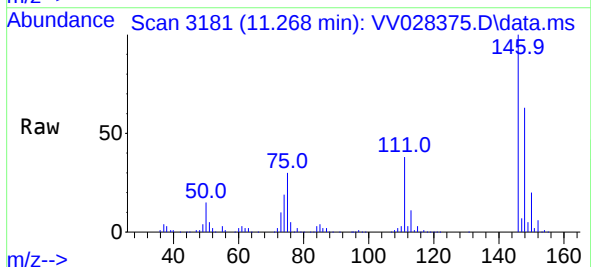
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

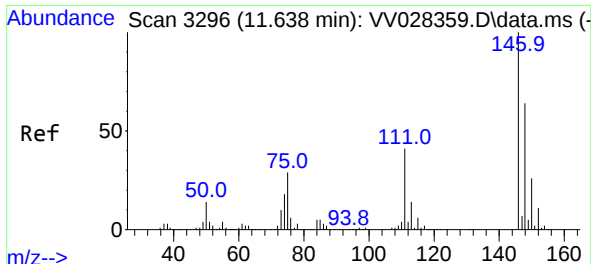
Tgt Ion:146 Resp: 181608
Ion Ratio Lower Upper
146 100
111 38.0 27.1 50.3
148 62.0 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.285 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion:146 Resp: 183797
Ion Ratio Lower Upper
146 100
111 37.5 26.2 48.8
148 62.9 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.307 ug/L

RT: 11.638 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028375.D

Acq: 05 Oct 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD005322

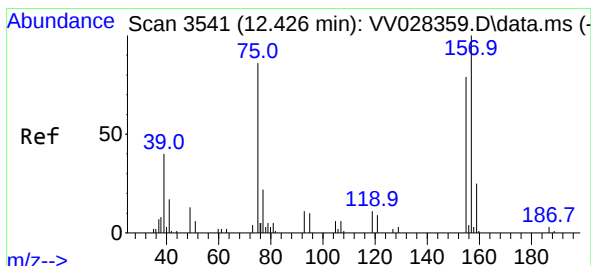
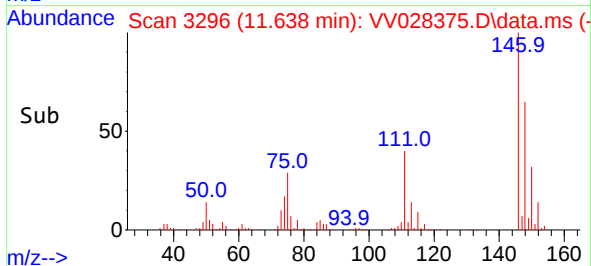
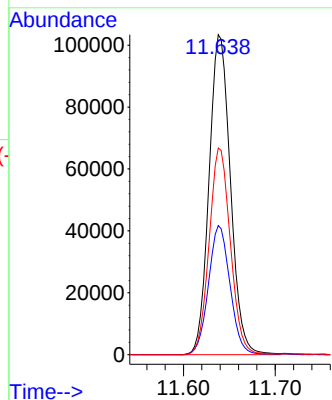
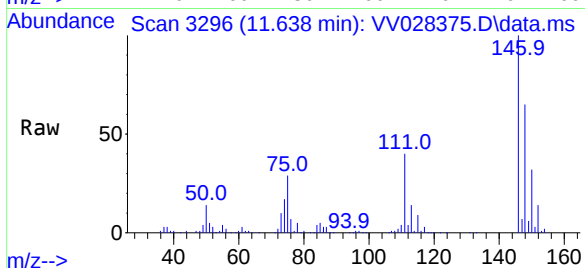
Tgt Ion:146 Resp: 167198

Ion Ratio Lower Upper

146 100

111 40.4 32.6 49.0

148 64.6 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.684 ug/L

RT: 12.422 min Scan# 3540

Delta R.T. -0.003 min

Lab File: VV028375.D

Acq: 05 Oct 2022 17:45

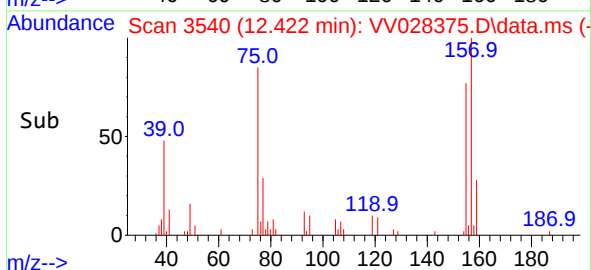
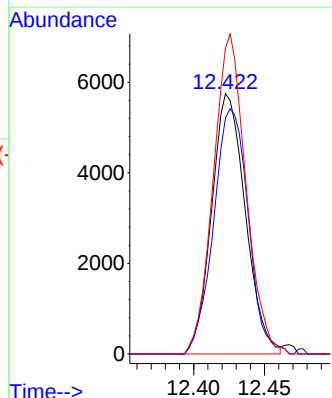
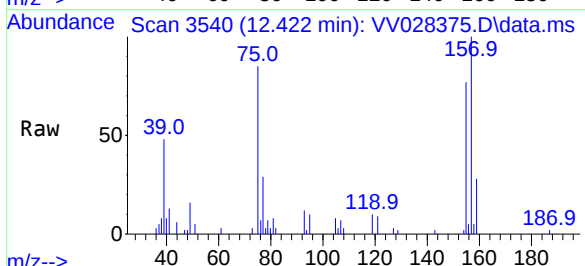
Tgt Ion: 75 Resp: 9513

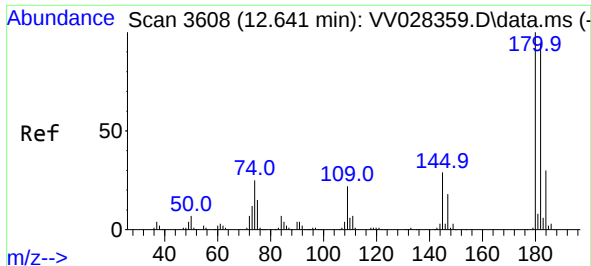
Ion Ratio Lower Upper

75 100

155 90.7 73.6 110.4

157 117.6 90.7 136.1



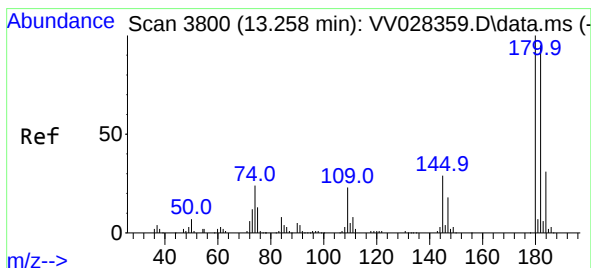
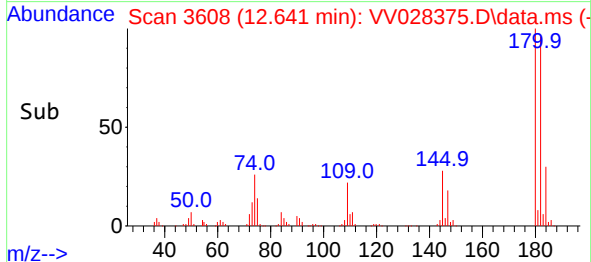
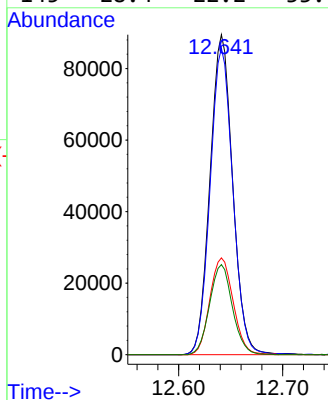
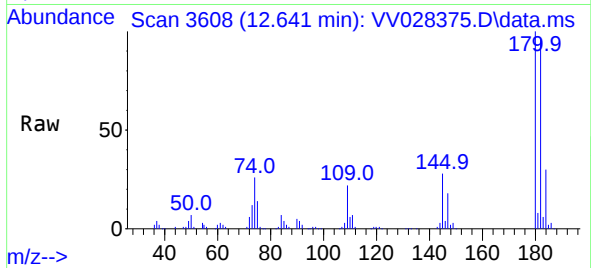


#69
1,3,5-Trichlorobenzene
Concen: 4.922 ug/L
RT: 12.641 min Scan# 3799
Delta R.T. -0.000 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

Tgt Ion:180 Resp: 135217

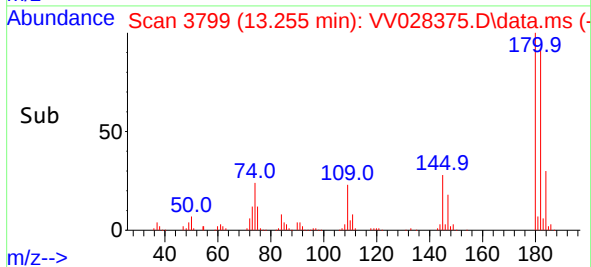
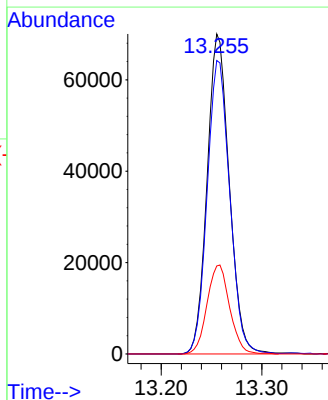
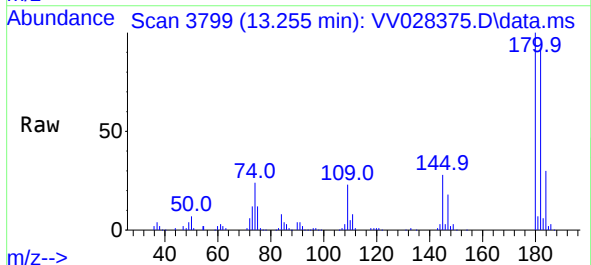
Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.5	113.3
184	31.3	23.7	35.5
145	28.4	22.2	33.4

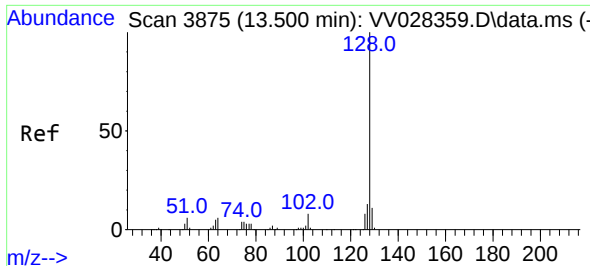


#70
1,2,4-trichlorobenzene
Concen: 5.112 ug/L
RT: 13.255 min Scan# 3799
Delta R.T. -0.003 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion:180 Resp: 107027

Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.3	114.5
145	28.4	22.9	34.3

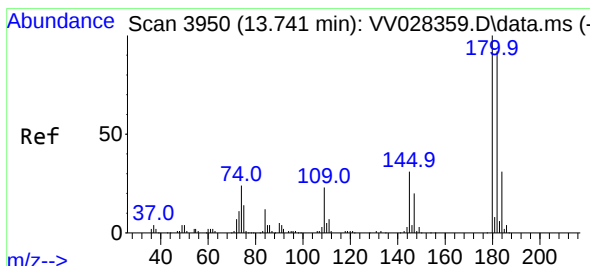
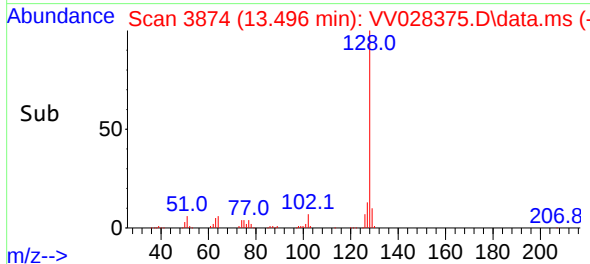
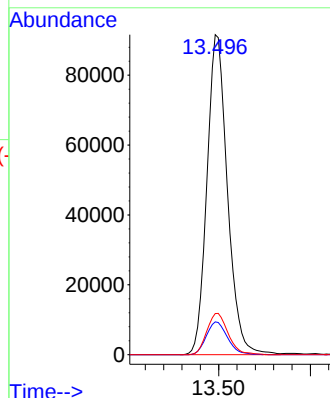
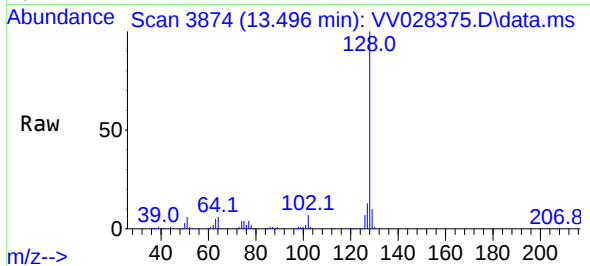




#71
Naphthalene
Concen: 4.356 ug/L
RT: 13.496 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

Tgt Ion:128 Resp: 142451
Ion Ratio Lower Upper
128 100
129 10.6 8.2 12.2
127 13.4 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.920 ug/L
RT: 13.737 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VV028375.D
Acq: 05 Oct 2022 17:45

Tgt Ion:180 Resp: 92864
Ion Ratio Lower Upper
180 100
182 97.2 77.4 116.0
145 30.8 24.6 36.8

