

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092623\
 Data File : VW032180.D
 Acq On : 26 Sep 2023 15:58
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 02:39:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 26 01:18:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	231858	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	226360	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	122878	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64527	44.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.940%
7) Chloroethane-d5	1.529	69	57937	46.814	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.620%
11) 1,1-Dichloroethene-d2	2.056	65	28424	45.366	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.740%
21) 2-Butanone-d5	3.783	46	123699	95.878	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.880%
24) Chloroform-d	4.249	84	143528	47.801	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	4.940	65	86920	48.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.220%
32) Benzene-d6	4.960	84	274085	46.060	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.120%
36) 1,2-Dichloropropane-d6	5.989	67	92176	46.419	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.840%
41) Toluene-d8	7.246	98	246122	45.337	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.680%
43) trans-1,3-Dichloroprop...	7.551	79	43454	45.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.000%
47) 2-Hexanone-d5	8.027	63	79594	92.819	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.820%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	131438	46.539	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.080%
66) 1,2-Dichlorobenzene-d4	11.564	152	101354	45.484	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	95421	48.601	ug/L	99
3) Chloromethane	1.214	50	103911	48.807	ug/L	100
5) Vinyl chloride	1.281	62	102332	48.797	ug/L	100
6) Bromomethane	1.481	94	60367	50.733	ug/L	98
8) Chloroethane	1.545	64	63814	48.884	ug/L	99
9) Trichlorofluoromethane	1.712	101	131406	48.821	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	81787	50.392	ug/L	99
12) 1,1-Dichloroethene	2.069	96	73629	49.030	ug/L	94
13) Acetone	2.111	43	125268	103.787	ug/L	100
14) Carbon disulfide	2.240	76	229044	47.659	ug/L	100
15) Methyl Acetate	2.371	43	99947	46.415	ug/L	99
16) Methylene chloride	2.445	84	92321	48.692	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	81665	48.242	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	271830	47.996	ug/L	100
19) 1,1-Dichloroethane	3.111	63	161009	48.507	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	91434	47.970	ug/L	97
22) 2-Butanone	3.863	43	151204	93.312	ug/L	97
23) Bromochloromethane	4.146	128	45500	47.661	ug/L	98
25) Chloroform	4.275	83	156859	48.411	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092623\
 Data File : VW032180.D
 Acq On : 26 Sep 2023 15:58
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

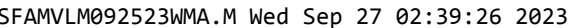
Instrument :
 MSVOA_V
 ClientSampleId :

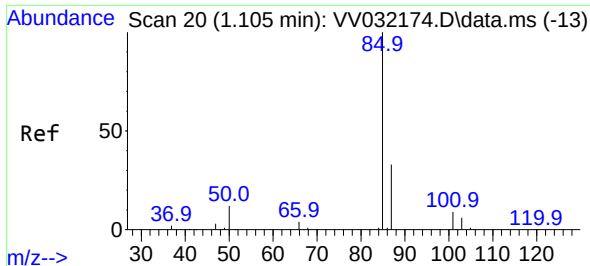
Quant Time: Sep 27 02:39:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 26 01:18:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	117027	47.786	ug/L	99
29) Cyclohexane	4.580	56	150657	47.676	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	134035	47.486	ug/L	99
31) Carbon tetrachloride	4.735	117	114571	47.001	ug/L	100
33) Benzene	5.008	78	344507	47.712	ug/L	100
34) Trichloroethene	5.834	95	93792	47.181	ug/L	99
35) Methylcyclohexane	6.050	83	148982	46.875	ug/L	100
37) 1,2-Dichloropropane	6.092	63	92034	46.452	ug/L	99
38) Bromodichloromethane	6.432	83	119543	47.998	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	153125	48.735	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	273586	92.651	ug/L	99
42) Toluene	7.317	91	367074	47.616	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	137255	47.702	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	89049	47.119	ug/L	98
46) Tetrachloroethene	7.908	164	69661	48.223	ug/L	99
48) 2-Hexanone	8.075	43	216582	93.892	ug/L	99
49) Dibromochloromethane	8.178	129	88265	46.972	ug/L	99
50) 1,2-Dibromoethane	8.284	107	95870	47.640	ug/L	99
51) Chlorobenzene	8.815	112	235450	47.336	ug/L	99
52) Ethylbenzene	8.947	91	410450	47.665	ug/L	99
53) m,p-Xylene	9.075	106	152859	47.645	ug/L	100
54) o-Xylene	9.480	106	148431	46.963	ug/L	100
55) Styrene	9.497	104	259980	48.216	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	134386	45.635	ug/L	98
59) Bromoform	9.667	173	63079	46.197	ug/L	98
60) Isopropylbenzene	9.870	105	406417	47.521	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	108128	45.268	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	334308	47.578	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	326186	47.195	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	188286	47.092	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	189754	46.982	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	183723	46.716	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	28144	42.673	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	133148	45.991	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	126228	46.360	ug/L	99
71) Naphthalene	13.442	128	385965	43.033	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	122979	45.459	ug/L	99

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

Quant Time: Sep 27 02:39:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 26 01:18:56 2023
Response via : Initial Calibration

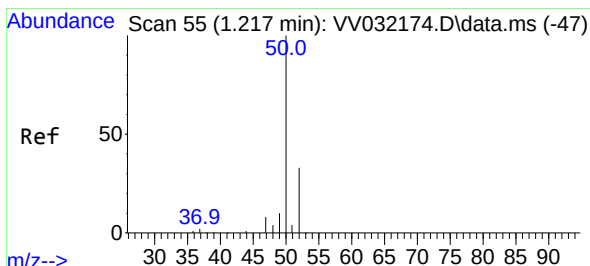
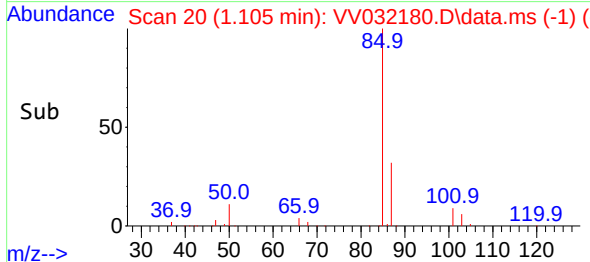
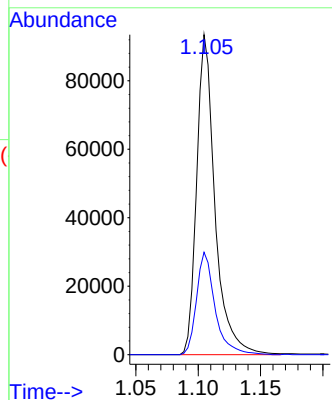
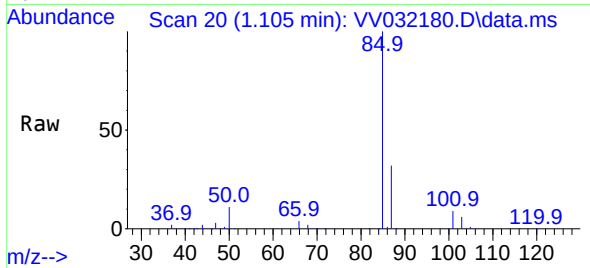




#2
 Dichlorodifluoromethane
 Concen: 48.601 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032180.D
 Acq: 26 Sep 2023 15:58

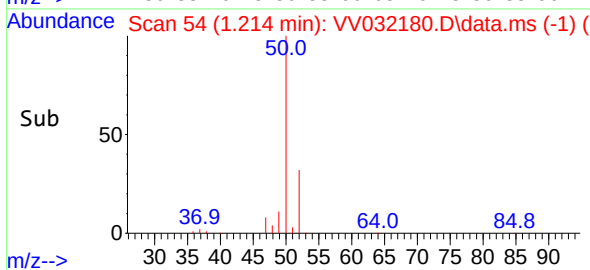
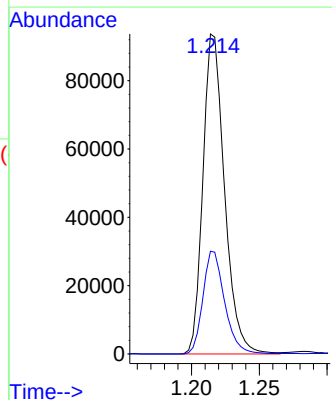
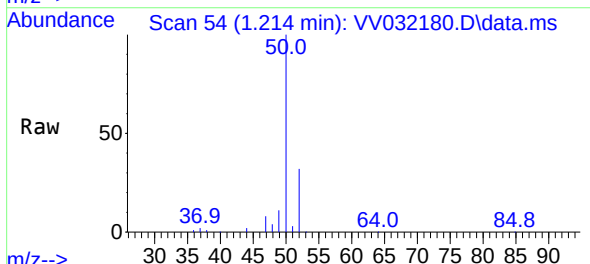
Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 85 Resp: 95421
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.4 38.0

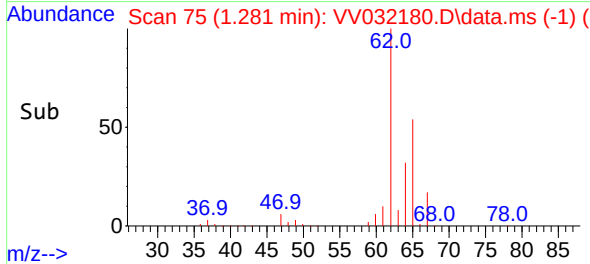
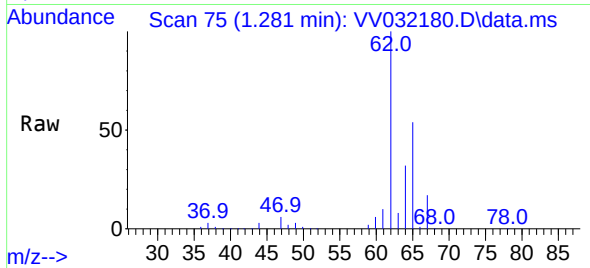
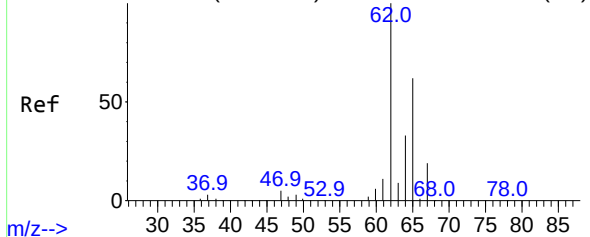


#3
 Chloromethane
 Concen: 48.807 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV032180.D
 Acq: 26 Sep 2023 15:58

Tgt Ion: 50 Resp: 103911
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.4 41.6



Abundance Scan 75 (1.282 min): VV032174.D\data.ms (-68)



#5

Vinyl chloride

Concen: 48.797 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV032180.D

Acq: 26 Sep 2023 15:58

Instrument :

MSVOA_V

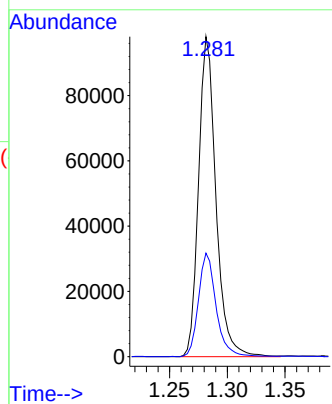
ClientSampleId :

Tgt Ion: 62 Resp: 102332

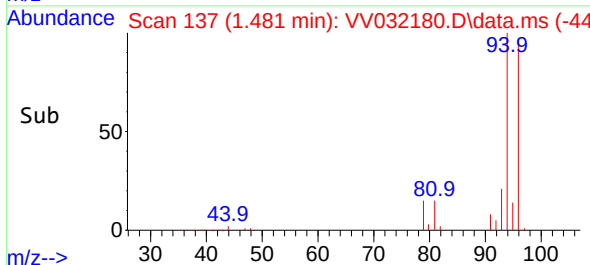
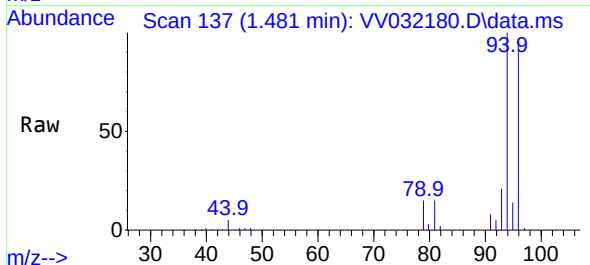
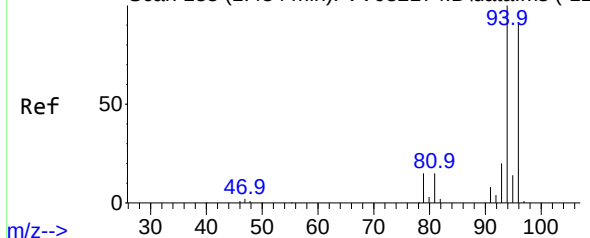
Ion Ratio Lower Upper

62 100

64 32.4 22.5 41.9



Abundance Scan 138 (1.484 min): VV032174.D\data.ms (-12)



#6

Bromomethane

Concen: 50.733 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.000 min

Lab File: VV032180.D

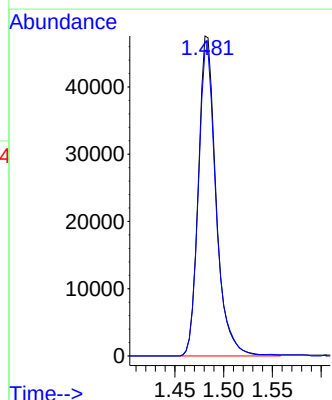
Acq: 26 Sep 2023 15:58

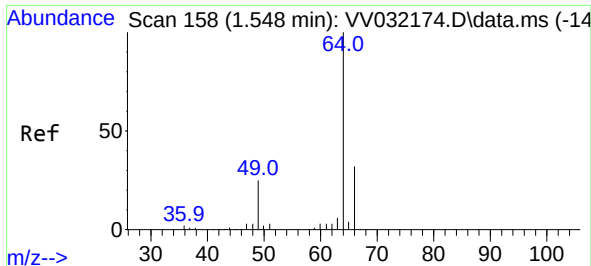
Tgt Ion: 94 Resp: 60367

Ion Ratio Lower Upper

94 100

96 95.6 65.7 122.1

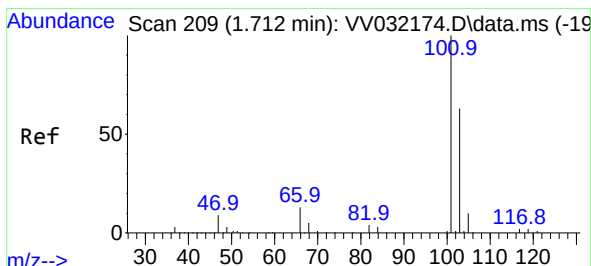
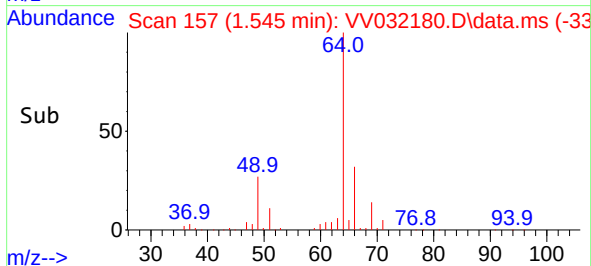
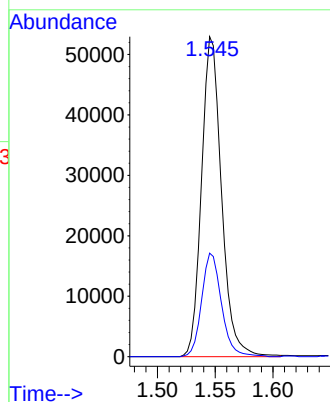
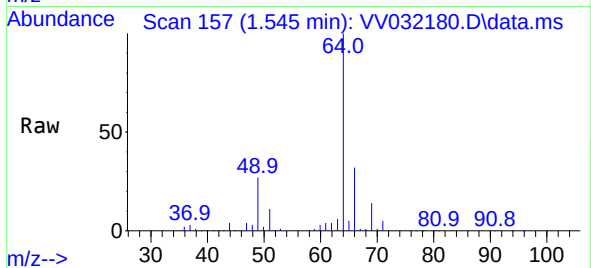




#8
Chloroethane
Concen: 48.884 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

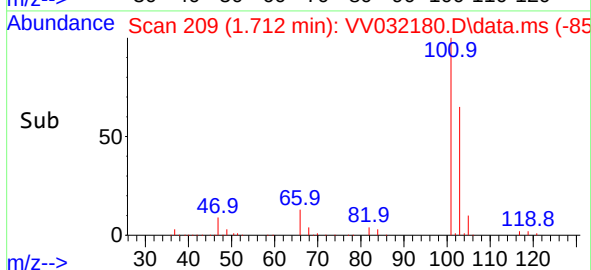
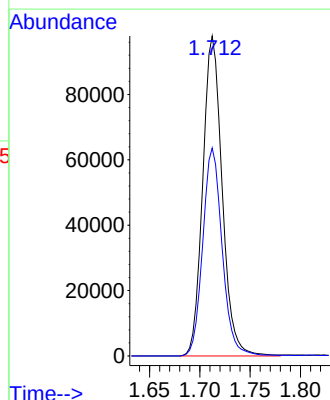
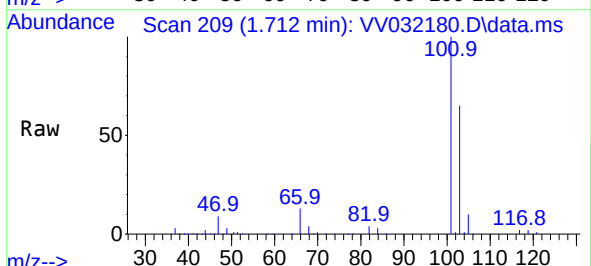
Instrument :
MSVOA_V
ClientSampleId :

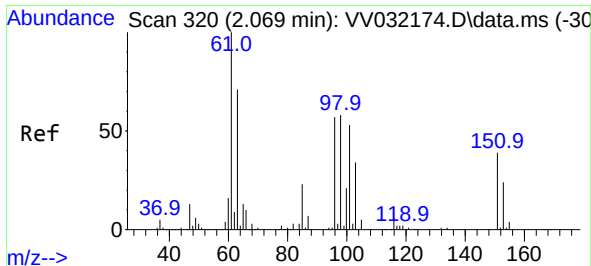
Tgt Ion: 64 Resp: 63814
Ion Ratio Lower Upper
64 100
66 32.3 23.0 42.6



#9
Trichlorofluoromethane
Concen: 48.821 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Tgt Ion:101 Resp: 131406
Ion Ratio Lower Upper
101 100
103 65.0 52.1 78.1

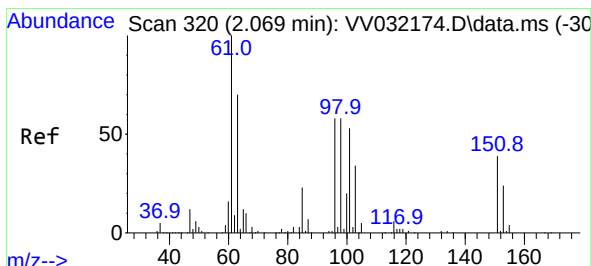
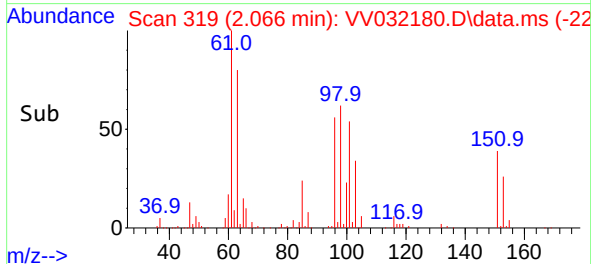
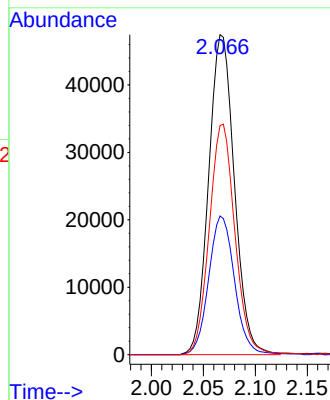
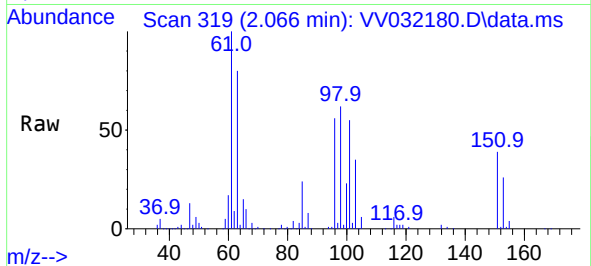




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.392 ug/L
RT: 2.066 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

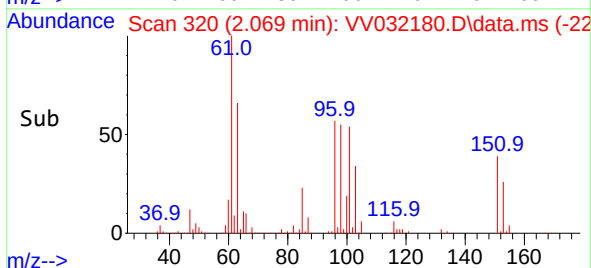
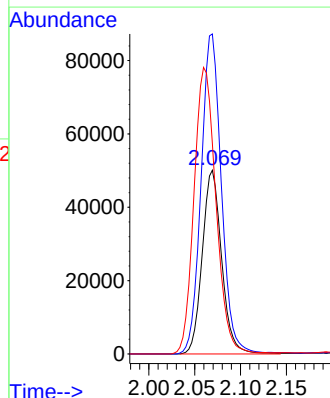
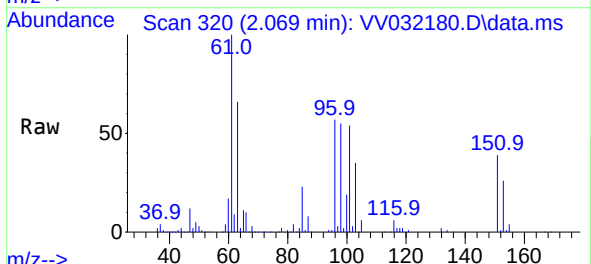
Instrument :
MSVOA_V
ClientSampleId :

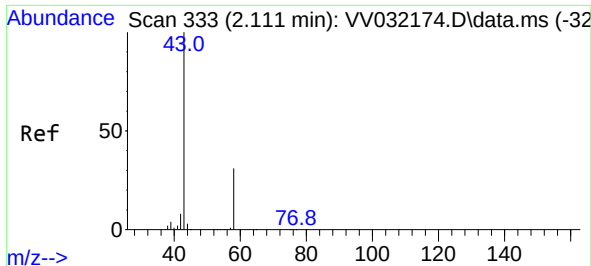
Tgt Ion:101 Resp: 81787
Ion Ratio Lower Upper
101 100
85 43.6 35.4 53.2
151 71.7 57.6 86.4



#12
1,1-Dichloroethene
Concen: 49.030 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Tgt Ion: 96 Resp: 73629
Ion Ratio Lower Upper
96 100
61 174.2 123.7 229.7
63 114.7 89.9 167.0





#13

Acetone

Concen: 103.787 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032180.D

Acq: 26 Sep 2023 15:58

Instrument :

MSVOA_V

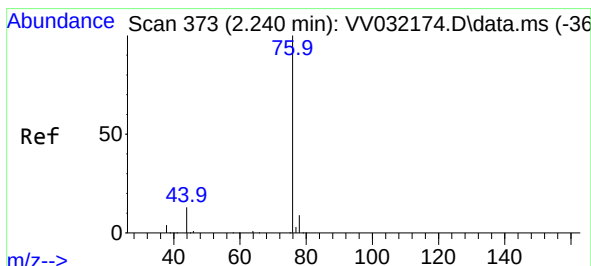
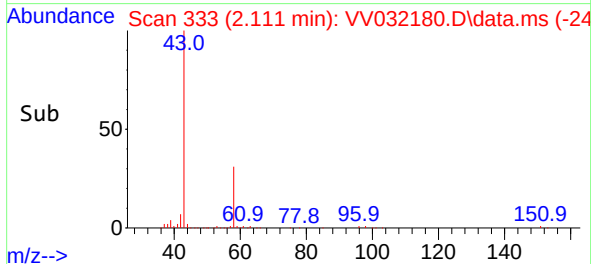
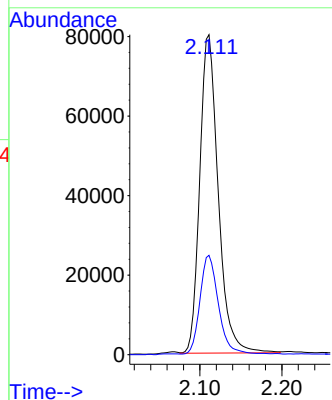
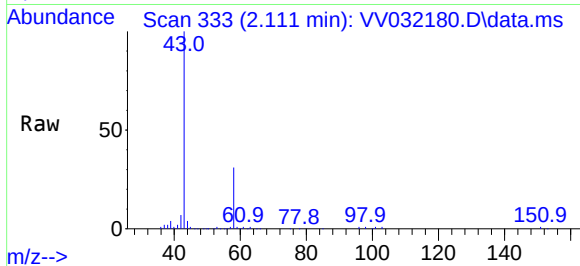
ClientSampleId :

Tgt Ion: 43 Resp: 125268

Ion Ratio Lower Upper

43 100

58 30.8 0.0 61.4



#14

Carbon disulfide

Concen: 47.659 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV032180.D

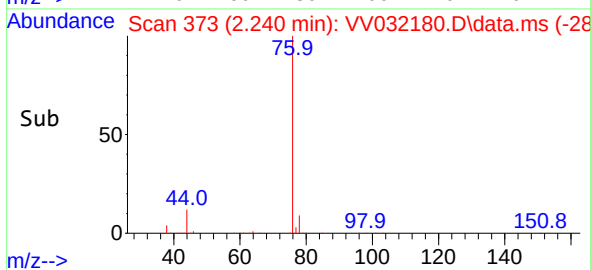
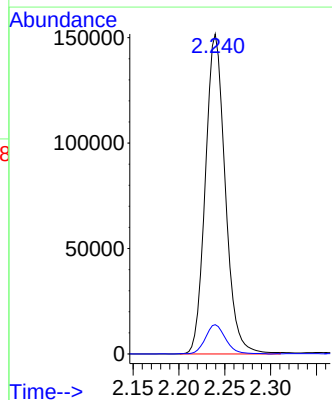
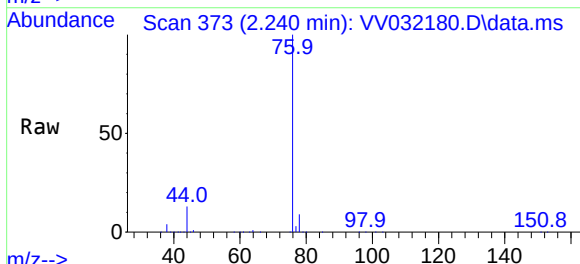
Acq: 26 Sep 2023 15:58

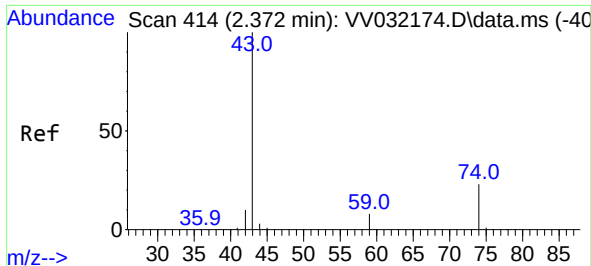
Tgt Ion: 76 Resp: 229044

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

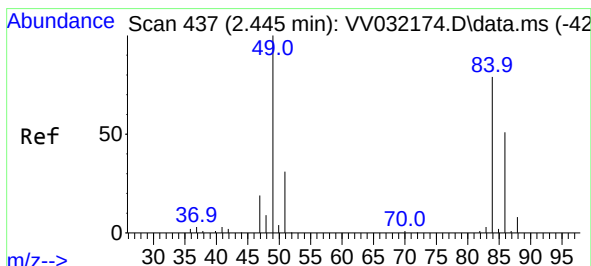
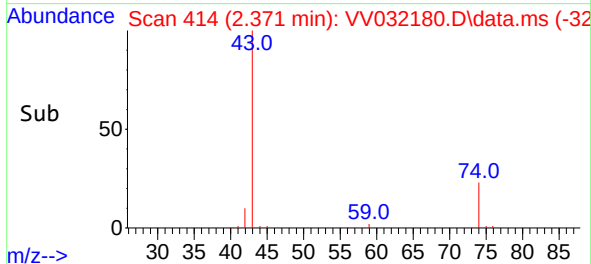
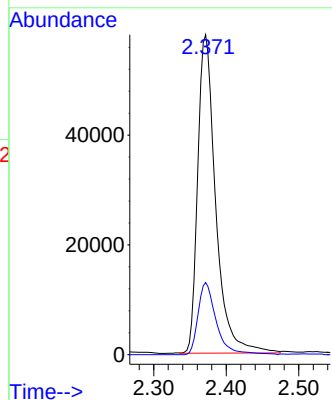
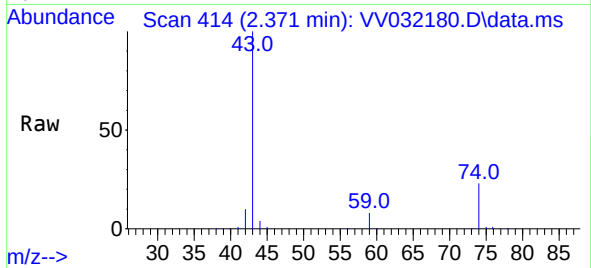




#15
Methyl Acetate
Concen: 46.415 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

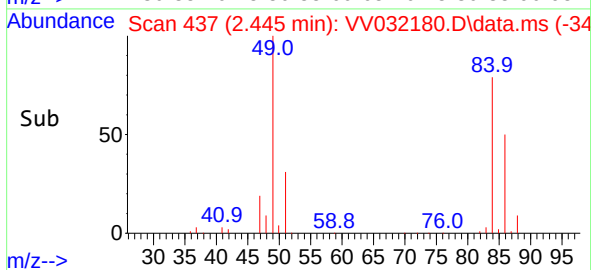
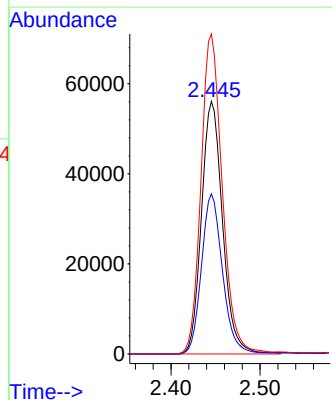
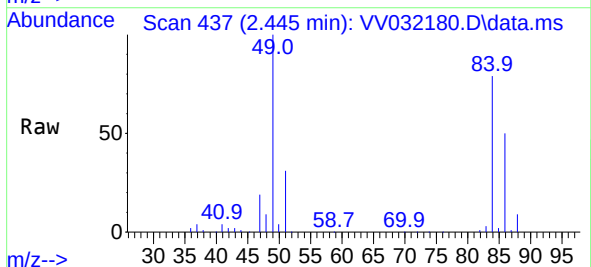
Instrument :
MSVOA_V
ClientSampleId :

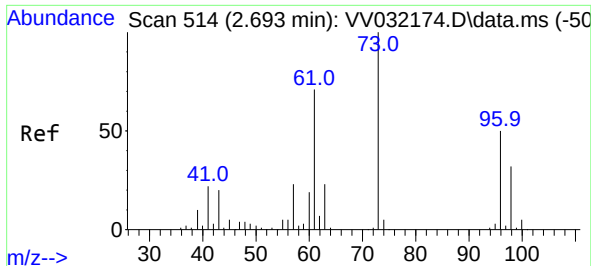
Tgt Ion: 43 Resp: 99947
Ion Ratio Lower Upper
43 100
74 23.0 17.8 26.8



#16
Methylene chloride
Concen: 48.692 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

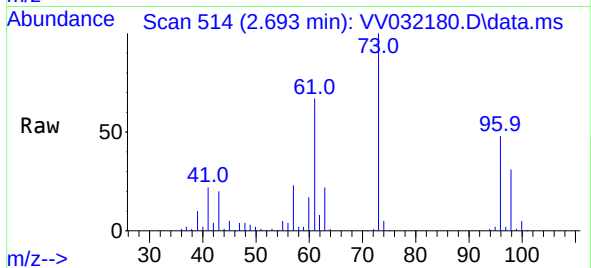
Tgt Ion: 84 Resp: 92321
Ion Ratio Lower Upper
84 100
86 63.4 45.4 84.4
49 126.7 88.5 164.4



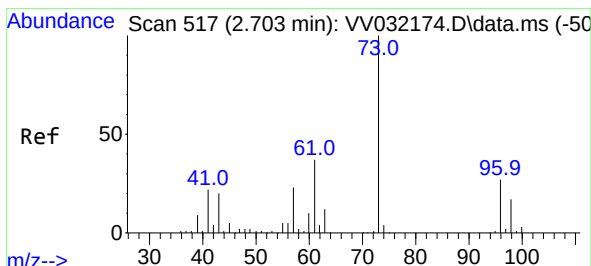
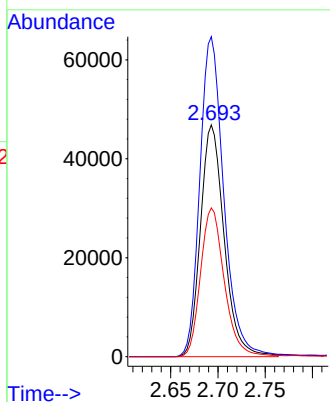
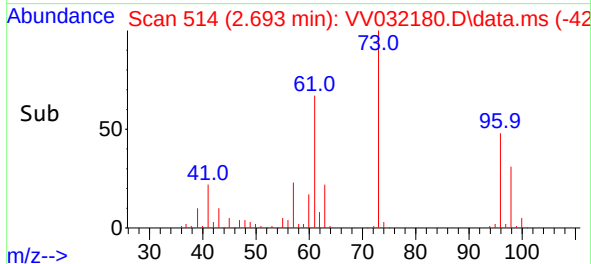


#17
trans-1,2-Dichloroethene
Concen: 48.242 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

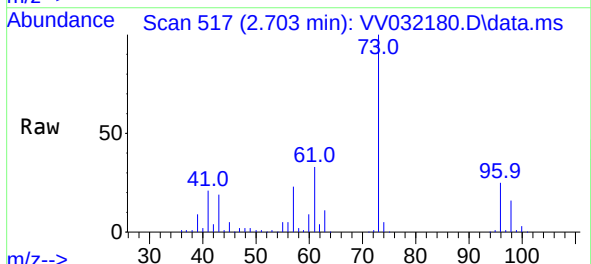
Instrument :
MSVOA_V
ClientSampleId :



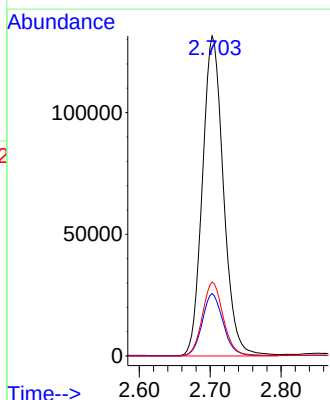
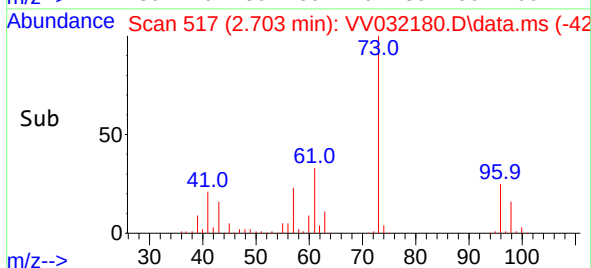
Tgt Ion: 96 Resp: 81665
Ion Ratio Lower Upper
96 100
61 138.1 97.4 180.8
98 64.2 45.2 84.0

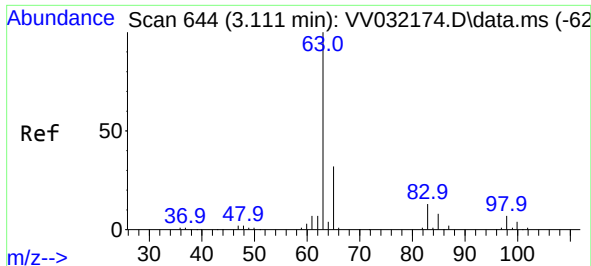


#18
Methyl tert-butyl Ether
Concen: 47.996 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58



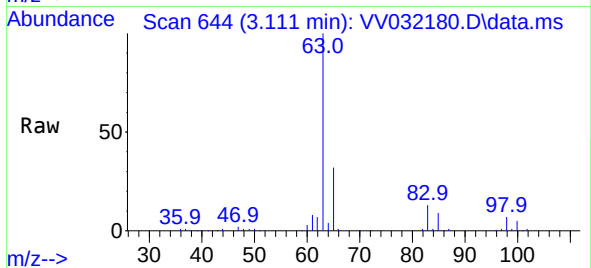
Tgt Ion: 73 Resp: 271830
Ion Ratio Lower Upper
73 100
43 19.0 15.3 22.9
57 22.9 18.6 28.0



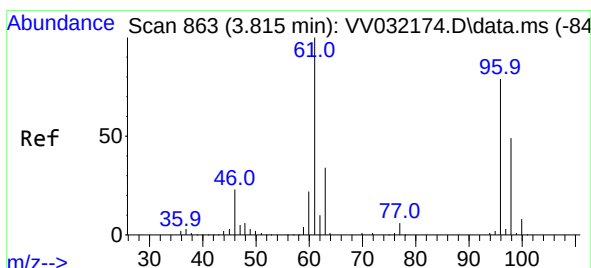
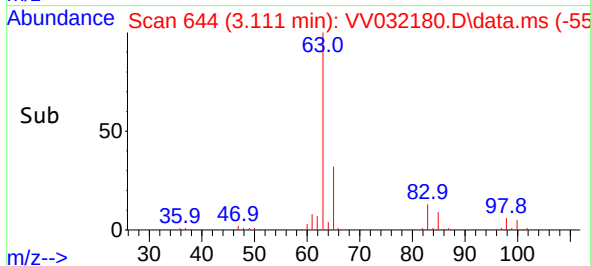
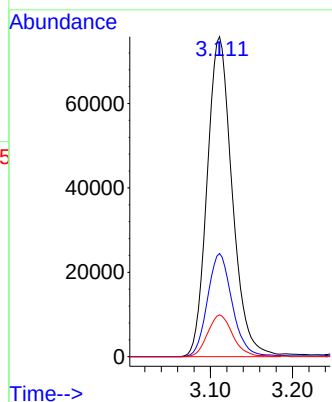


#19
1,1-Dichloroethane
Concen: 48.507 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.003 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Instrument :
MSVOA_V
ClientSampleId :

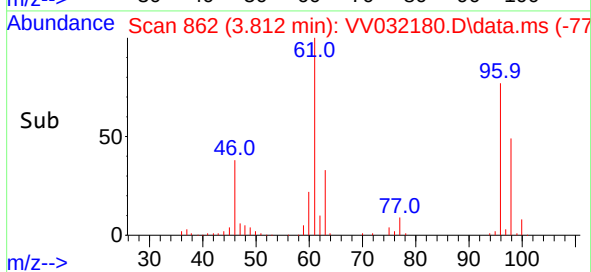
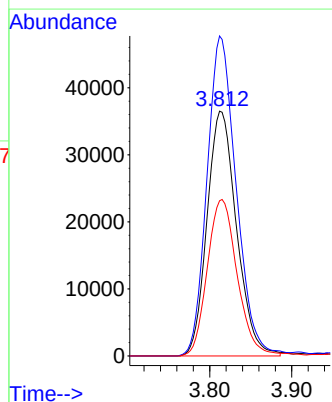
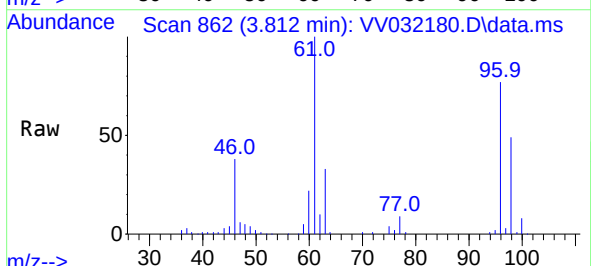


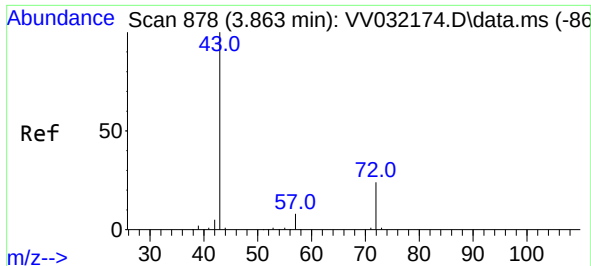
Tgt Ion: 63 Resp: 161009
Ion Ratio Lower Upper
63 100
65 32.3 22.7 42.3
83 13.0 9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 47.970 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.007 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Tgt Ion: 96 Resp: 91434
Ion Ratio Lower Upper
96 100
61 130.7 88.3 164.1
98 63.4 43.3 80.3

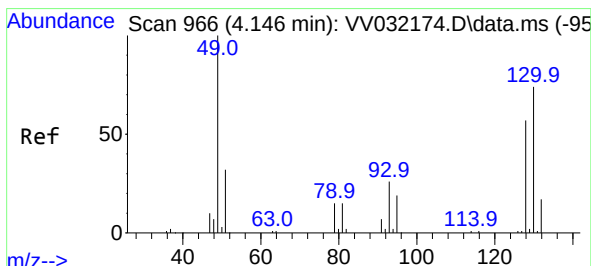
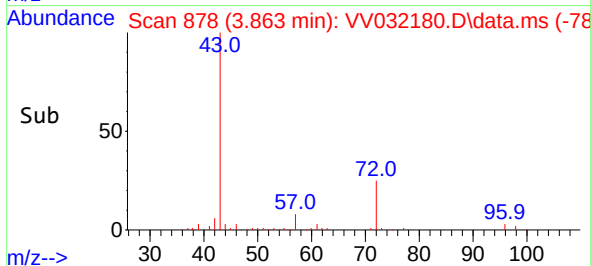
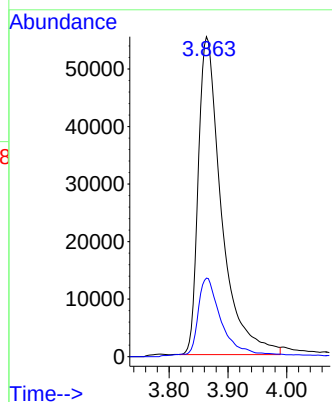
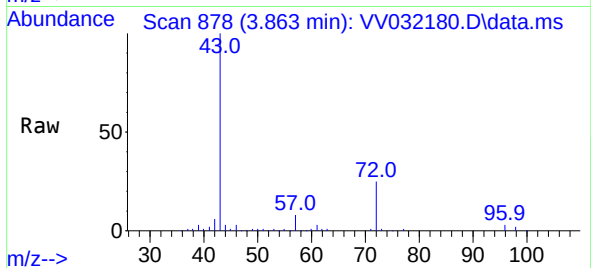




#22
2-Butanone
Concen: 93.312 ug/L
RT: 3.863 min Scan# 878
Delta R.T. -0.007 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

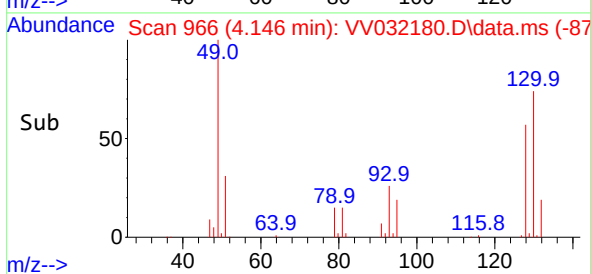
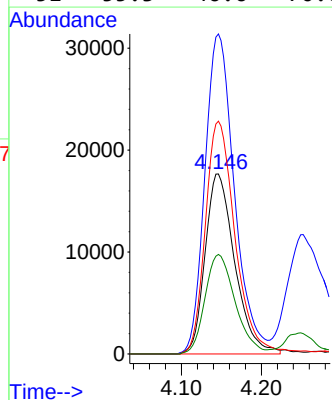
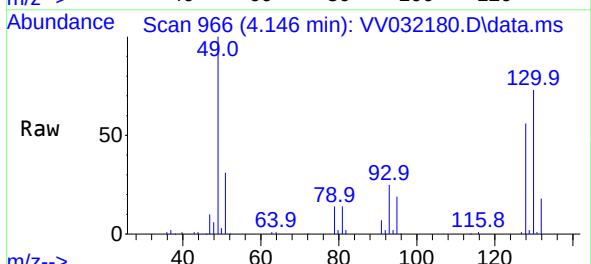
Instrument :
MSVOA_V
ClientSampleId :

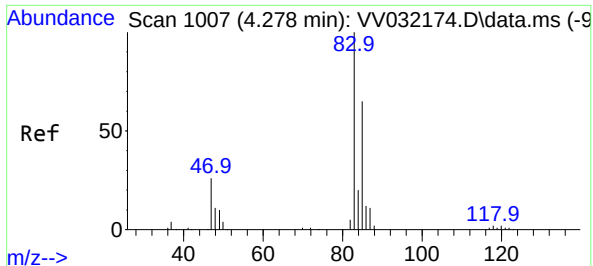
Tgt Ion: 43 Resp: 151204
Ion Ratio Lower Upper
43 100
72 22.7 12.0 36.0



#23
Bromochloromethane
Concen: 47.661 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.003 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Tgt Ion:128 Resp: 45500
Ion Ratio Lower Upper
128 100
49 177.8 125.0 232.2
130 129.4 92.3 171.5
51 55.3 46.6 70.0





#25

Chloroform

Concen: 48.411 ug/L

RT: 4.275 min Scan# 1007

Delta R.T. -0.007 min

Lab File: VV032180.D

Acq: 26 Sep 2023 15:58

Instrument :

MSVOA_V

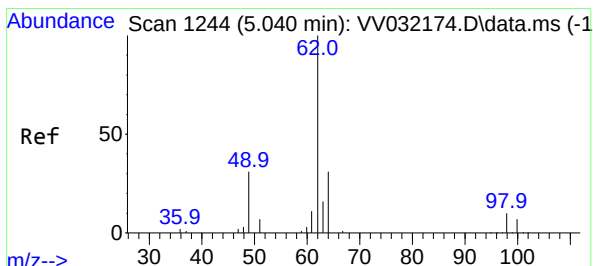
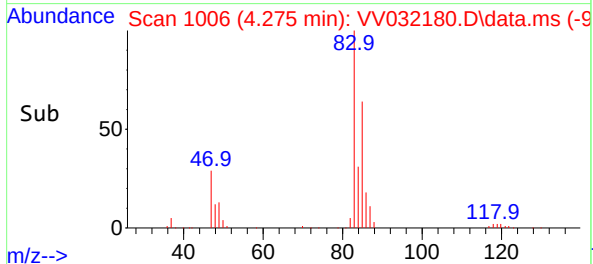
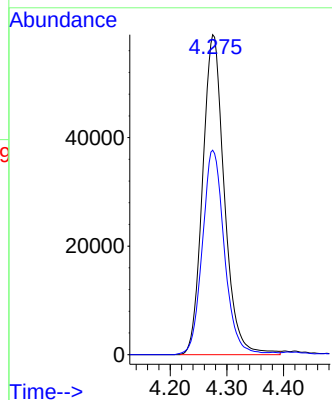
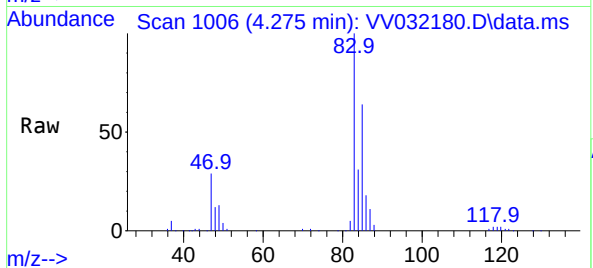
ClientSampleId :

Tgt Ion: 83 Resp: 156859

Ion Ratio Lower Upper

83 100

85 63.9 45.6 84.6



#27

1,2-Dichloroethane

Concen: 47.786 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.003 min

Lab File: VV032180.D

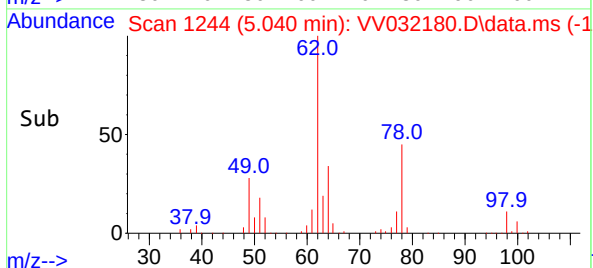
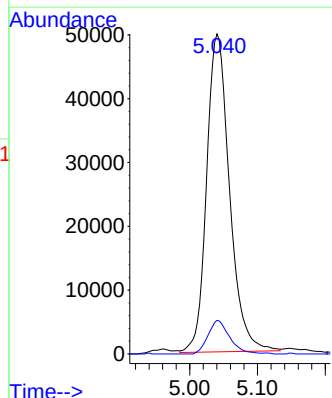
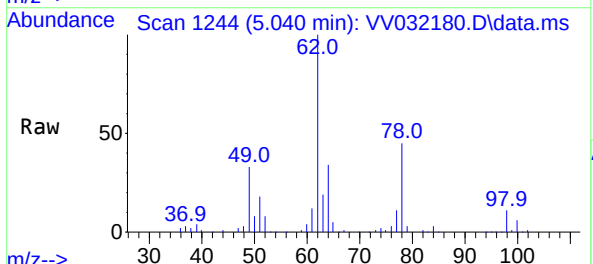
Acq: 26 Sep 2023 15:58

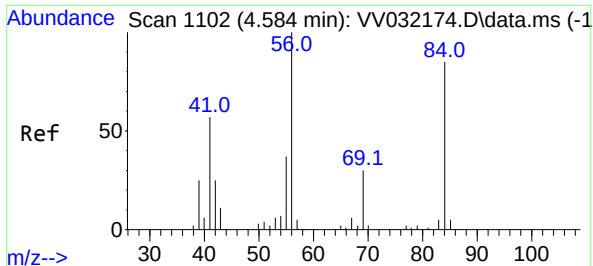
Tgt Ion: 62 Resp: 117027

Ion Ratio Lower Upper

62 100

98 10.5 8.1 12.1





#29

Cyclohexane

Concen: 47.676 ug/L

RT: 4.580 min Scan# 1102

Delta R.T. -0.007 min

Lab File: VV032180.D

Acq: 26 Sep 2023 15:58

Instrument :

MSVOA_V

ClientSampleId :

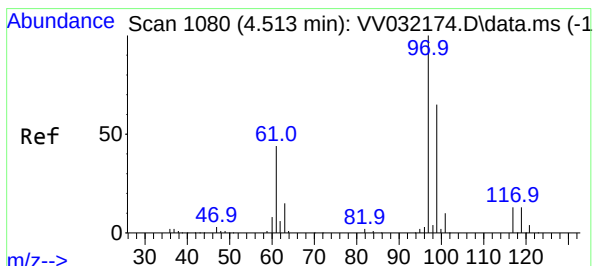
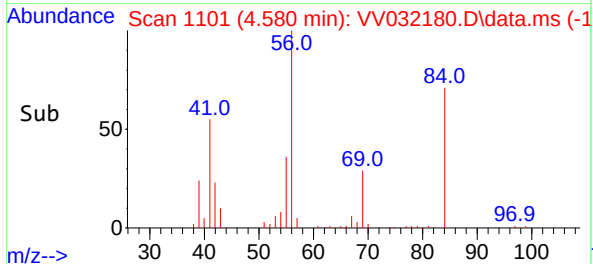
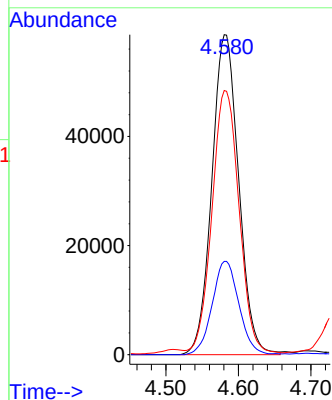
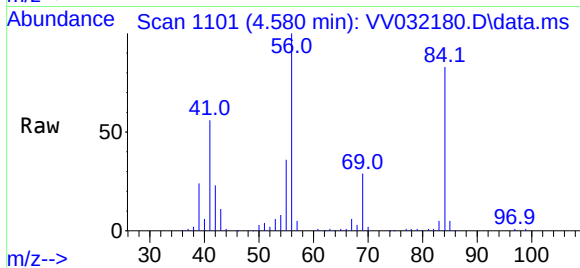
Tgt Ion: 56 Resp: 150657

Ion Ratio Lower Upper

56 100

69 29.0 23.3 34.9

84 83.4 66.2 99.2



#30

1,1,1-Trichloroethane

Concen: 47.486 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.003 min

Lab File: VV032180.D

Acq: 26 Sep 2023 15:58

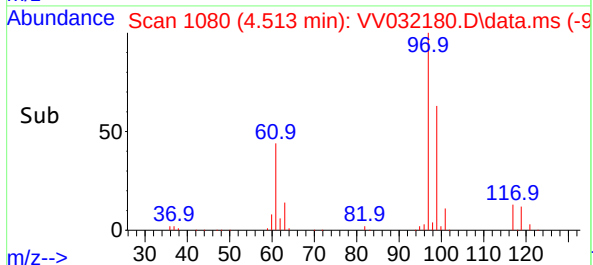
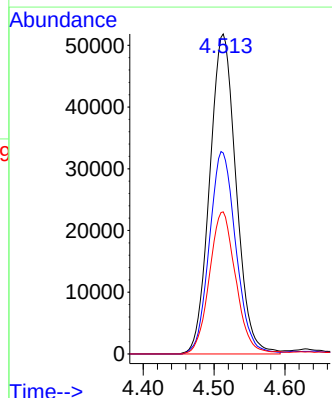
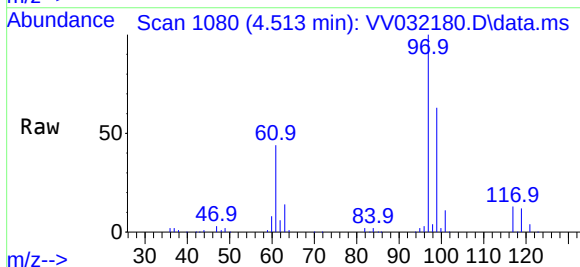
Tgt Ion: 97 Resp: 134035

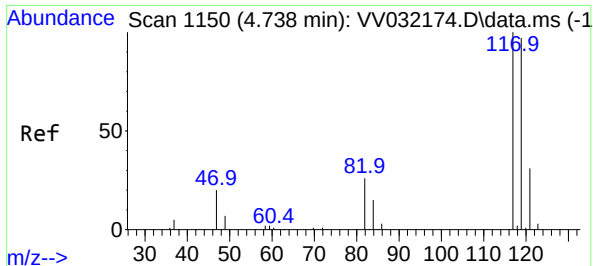
Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

61 44.3 35.0 52.6

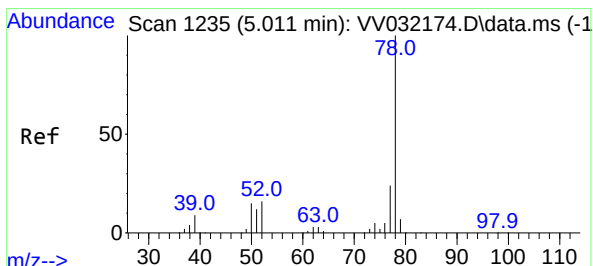
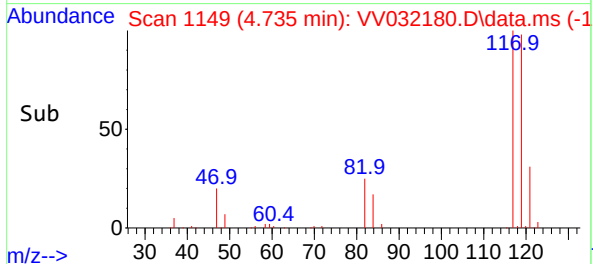
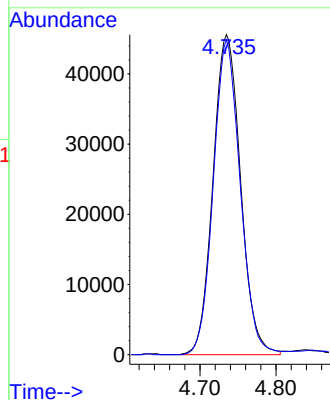
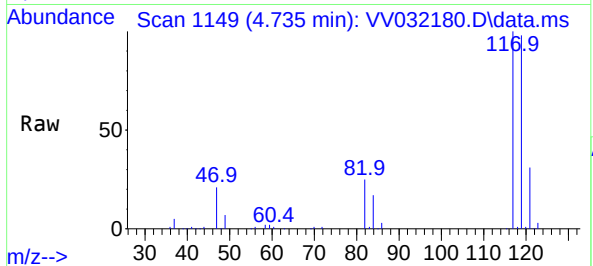




#31
Carbon tetrachloride
Concen: 47.001 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

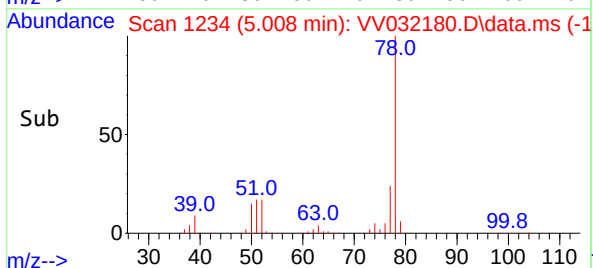
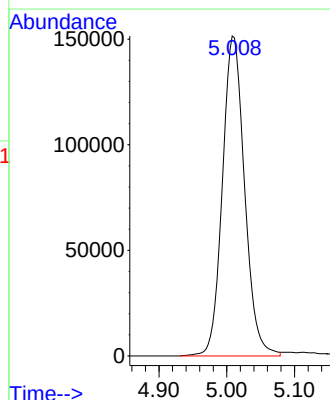
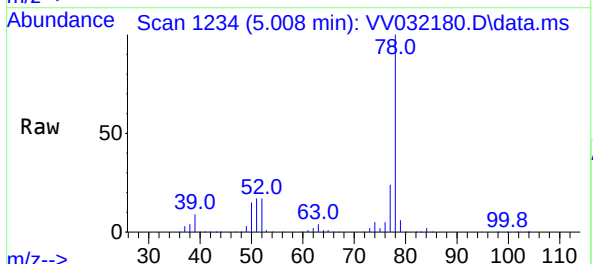
Instrument :
MSVOA_V
ClientSampleId :

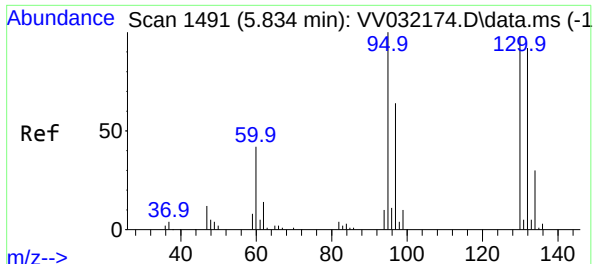
Tgt Ion:117 Resp: 114571
Ion Ratio Lower Upper
117 100
119 96.1 76.6 115.0



#33
Benzene
Concen: 47.712 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.007 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

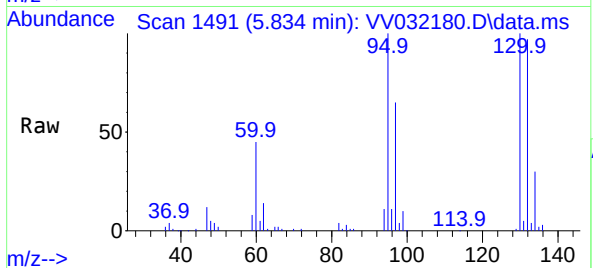
Tgt Ion: 78 Resp: 344507



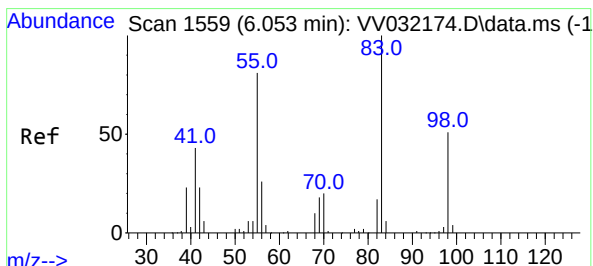
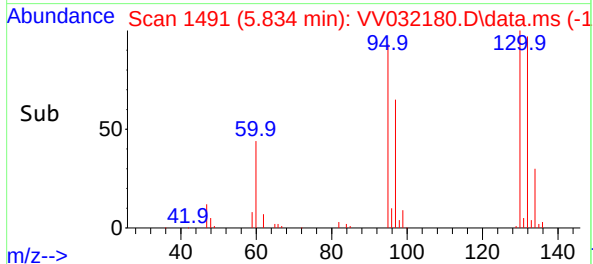
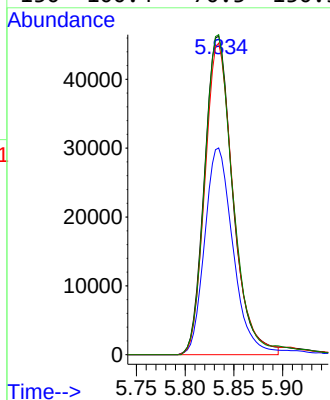


#34
Trichloroethene
Concen: 47.181 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Instrument :
MSVOA_V
ClientSampleId :

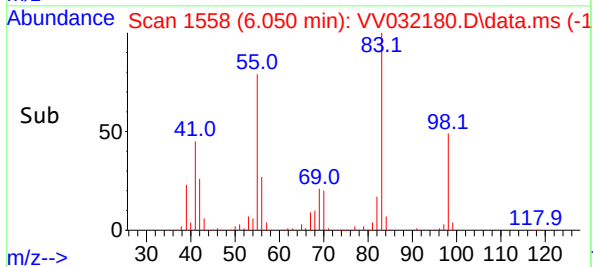
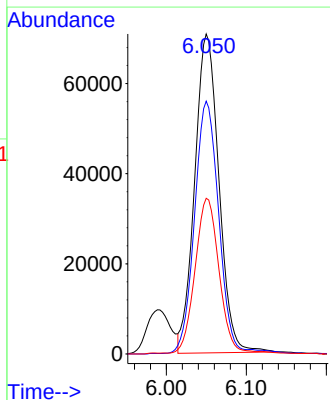
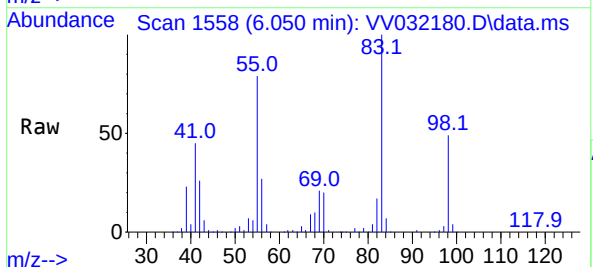


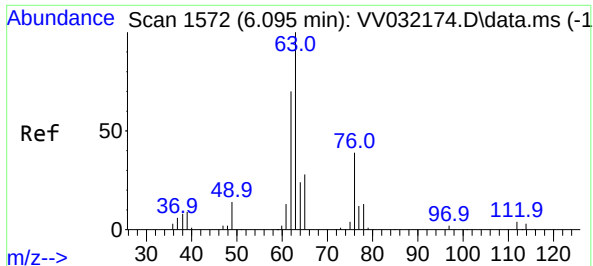
Tgt Ion: 95 Resp: 93792
Ion Ratio Lower Upper
95 100
97 64.9 45.4 84.4
132 97.8 66.1 122.7
130 100.4 70.3 130.5



#35
Methylcyclohexane
Concen: 46.875 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.003 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Tgt Ion: 83 Resp: 148982
Ion Ratio Lower Upper
83 100
55 78.4 62.9 94.3
98 48.0 38.9 58.3

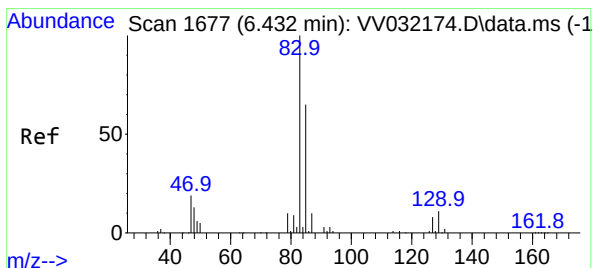
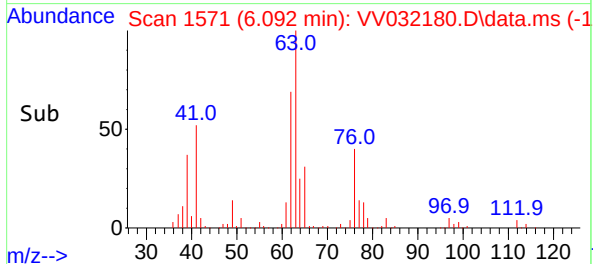
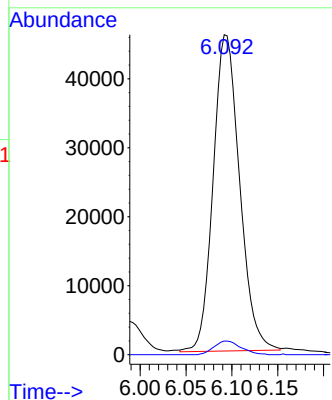
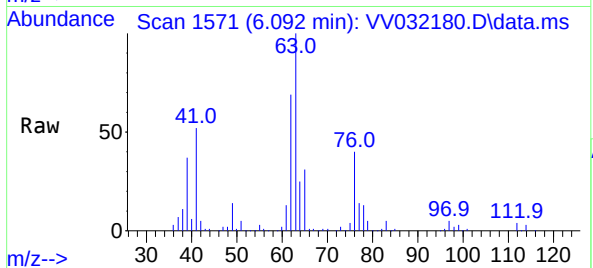




#37
1,2-Dichloropropane
Concen: 46.452 ug/L
RT: 6.092 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

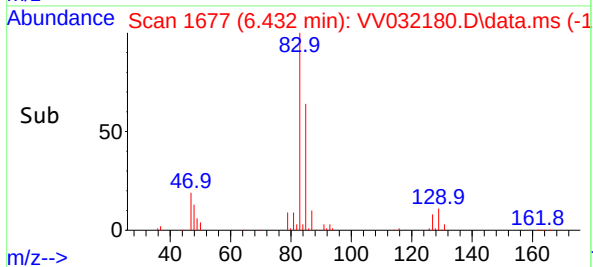
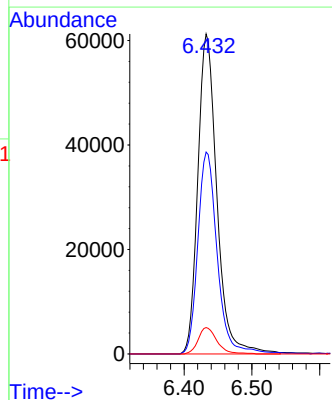
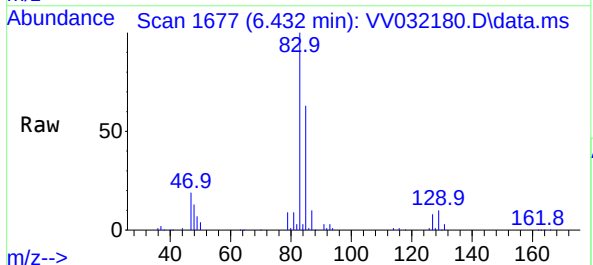
Instrument :
MSVOA_V
ClientSampleId :

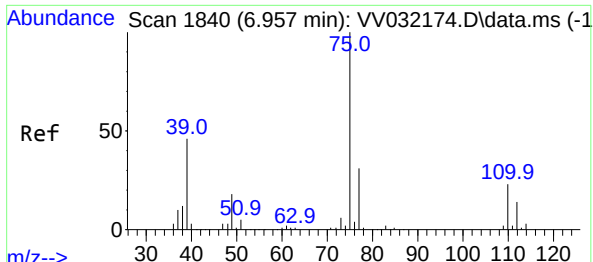
Tgt Ion: 63 Resp: 92034
Ion Ratio Lower Upper
63 100
112 4.4 3.7 5.5



#38
Bromodichloromethane
Concen: 47.998 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.003 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Tgt Ion: 83 Resp: 119543
Ion Ratio Lower Upper
83 100
85 63.1 45.1 83.9
127 8.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 48.735 ug/L

RT: 6.953 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV032180.D

Acq: 26 Sep 2023 15:58

Instrument :

MSVOA_V

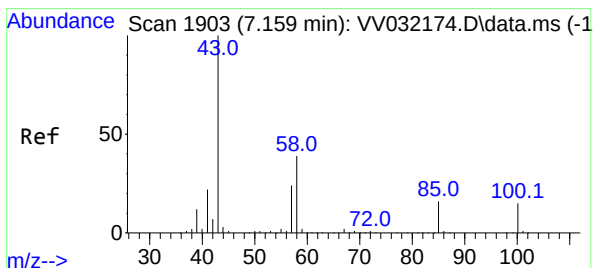
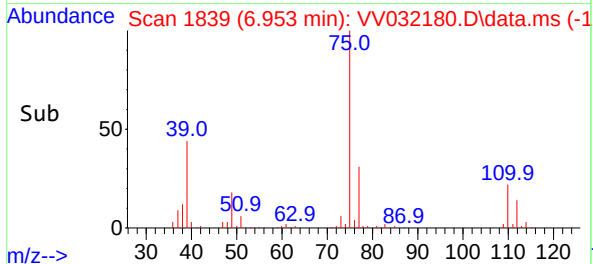
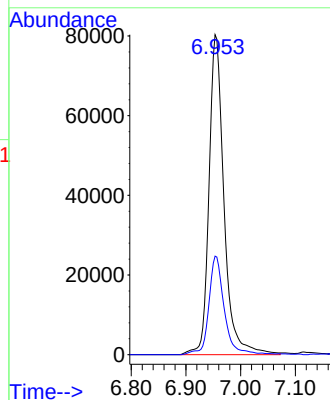
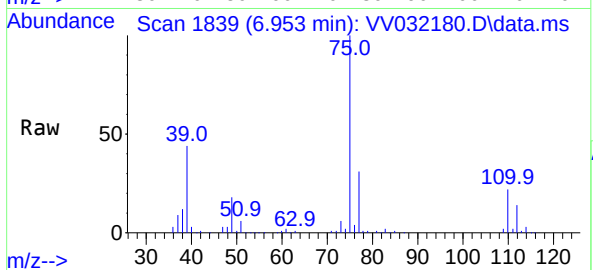
ClientSampleId :

Tgt Ion: 75 Resp: 153125

Ion Ratio Lower Upper

75 100

77 30.8 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 92.651 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV032180.D

Acq: 26 Sep 2023 15:58

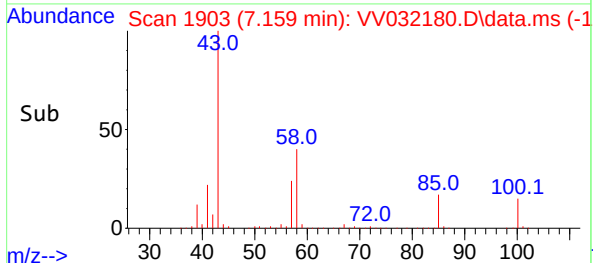
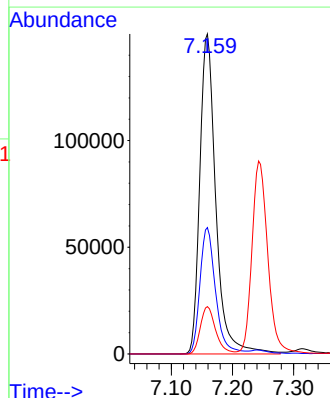
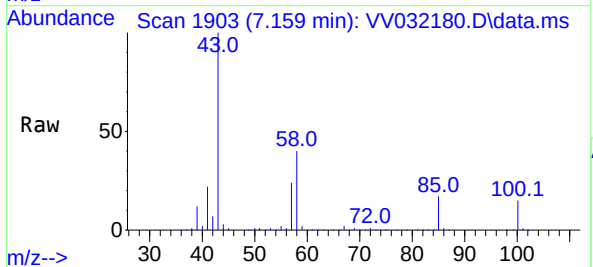
Tgt Ion: 43 Resp: 273586

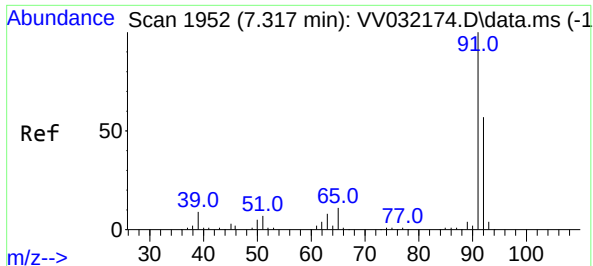
Ion Ratio Lower Upper

43 100

58 38.6 31.0 46.6

100 14.2 11.6 17.4





#42

Toluene

Concen: 47.616 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV032180.D

Acq: 26 Sep 2023 15:58

Instrument :

MSVOA_V

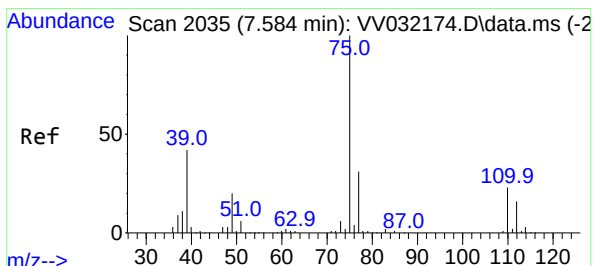
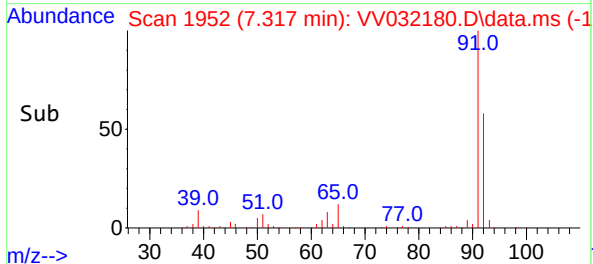
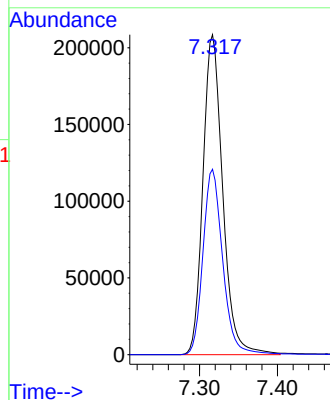
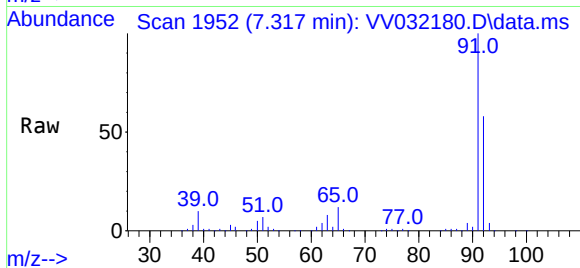
ClientSampleId :

Tgt Ion: 91 Resp: 367074

Ion Ratio Lower Upper

91 100

92 58.0 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 47.702 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV032180.D

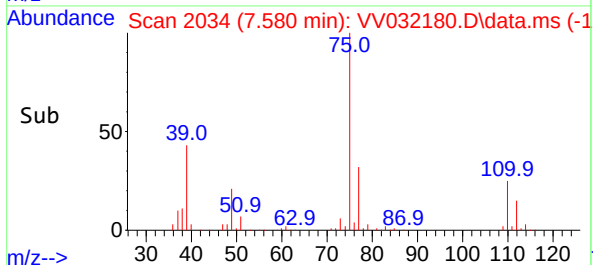
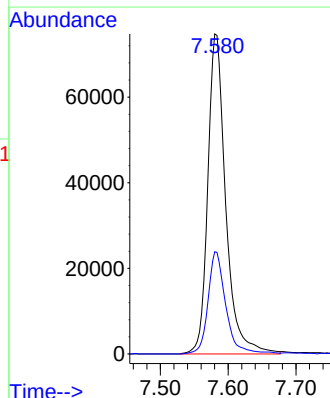
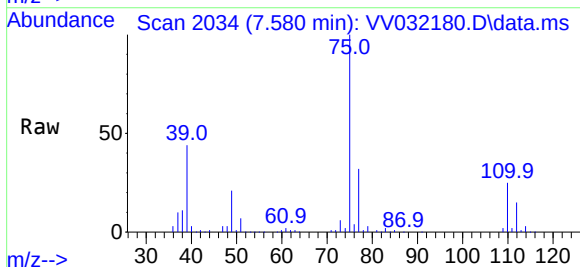
Acq: 26 Sep 2023 15:58

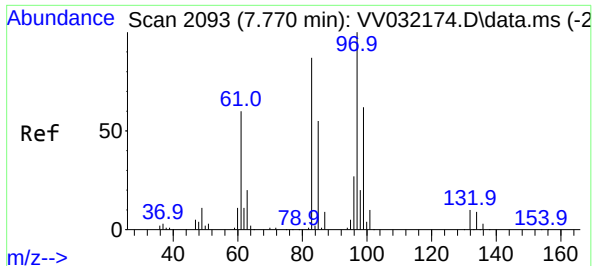
Tgt Ion: 75 Resp: 137255

Ion Ratio Lower Upper

75 100

77 32.0 22.0 40.8



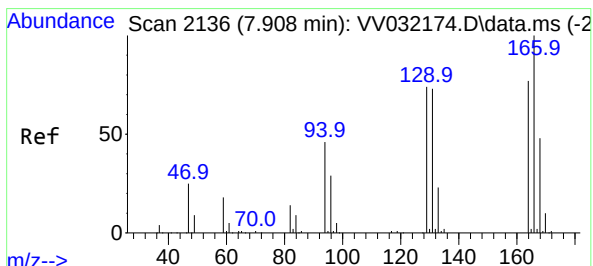
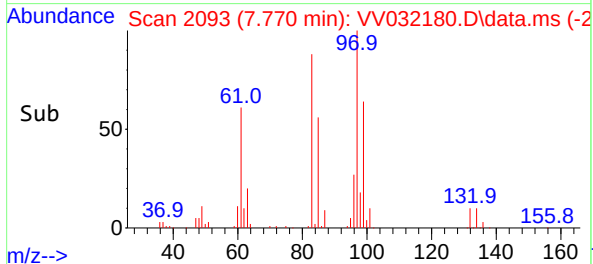
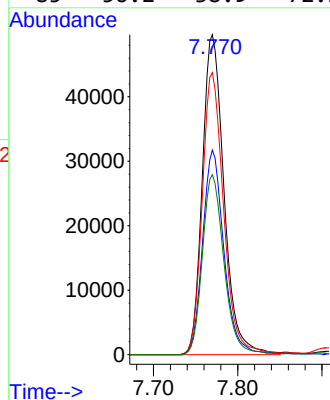
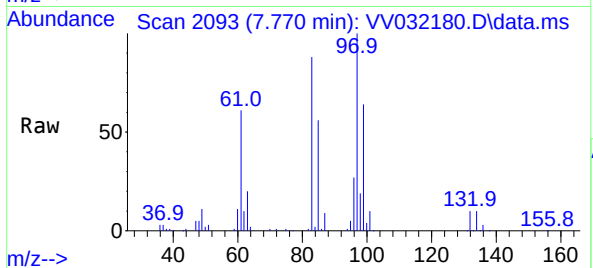


#45
1,1,2-Trichloroethane
Concen: 47.119 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.003 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 89049

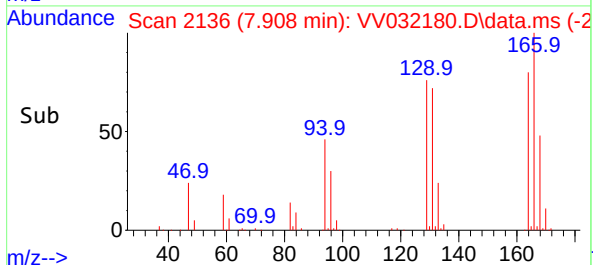
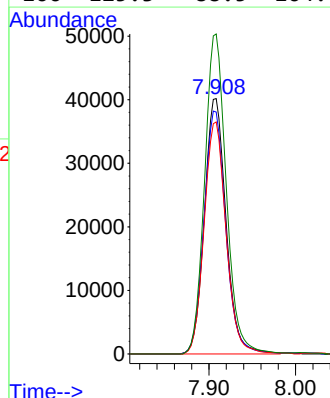
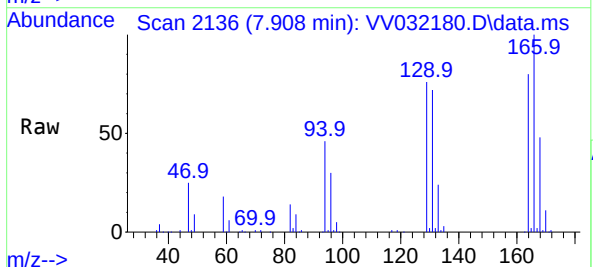
Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.3	80.3
83	88.2	60.8	113.0
85	56.2	38.9	72.2

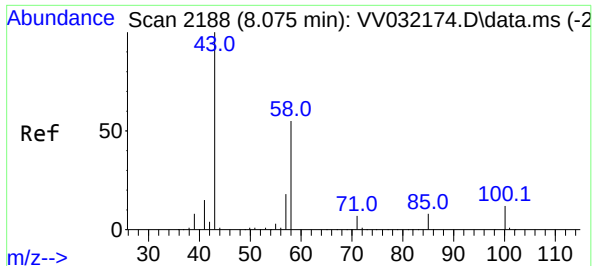


#46
Tetrachloroethene
Concen: 48.223 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Tgt Ion: 164 Resp: 69661

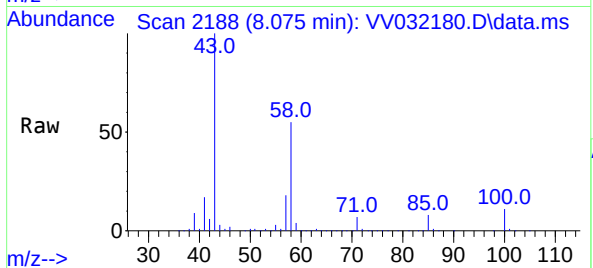
Ion	Ratio	Lower	Upper
164	100		
129	94.7	67.5	125.3
131	90.8	63.8	118.4
166	125.3	88.5	164.4





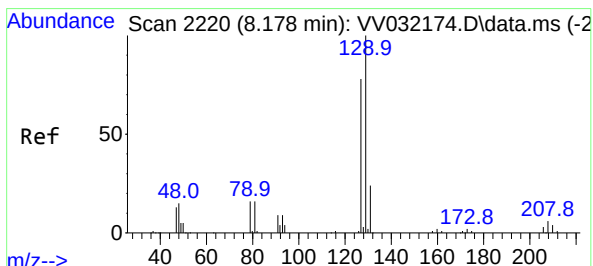
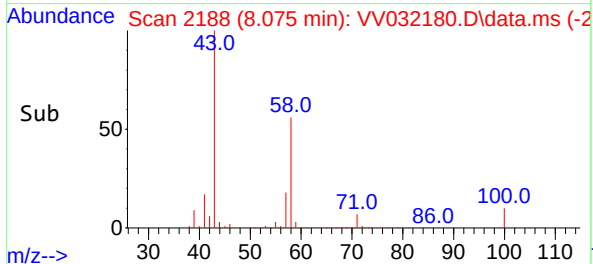
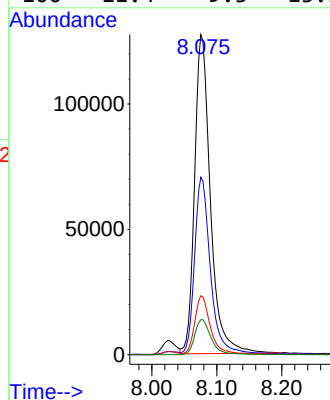
#48
2-Hexanone
Concen: 93.892 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 216582

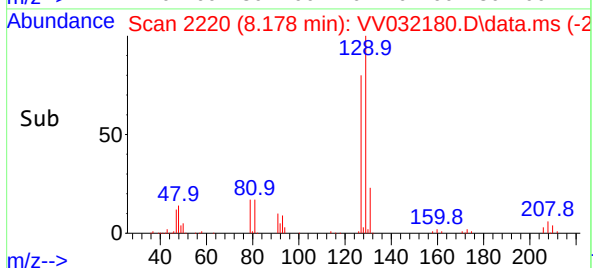
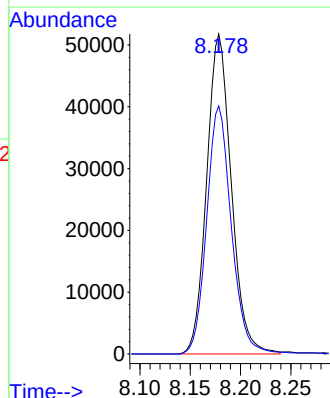
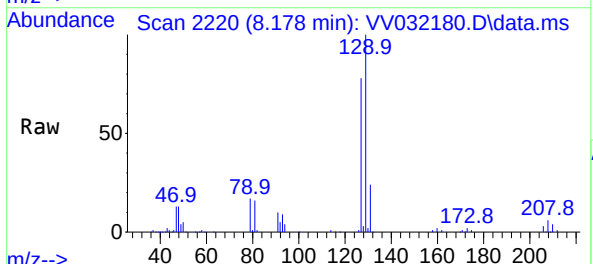
Ion	Ratio	Lower	Upper
43	100		
58	54.6	44.5	66.7
57	17.4	13.9	20.9
100	11.4	9.3	13.9

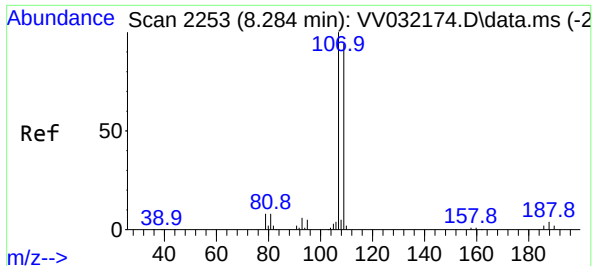


#49
Dibromochloromethane
Concen: 46.972 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Tgt Ion: 129 Resp: 88265

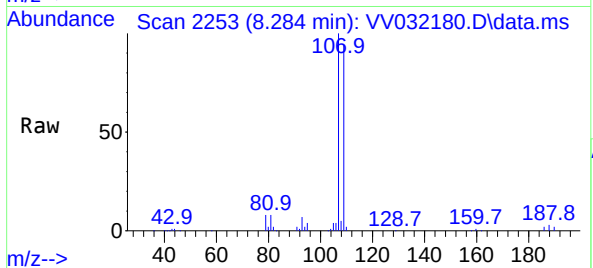
Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.9	101.9



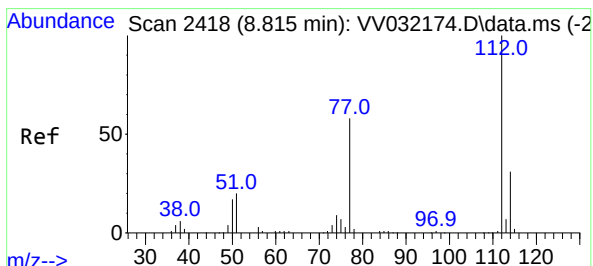
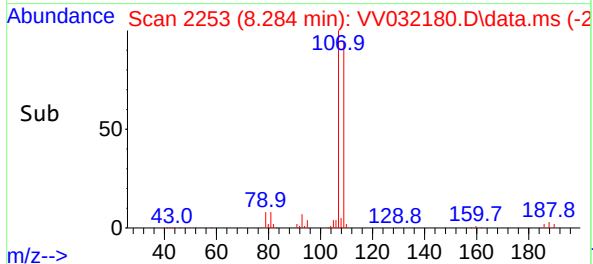
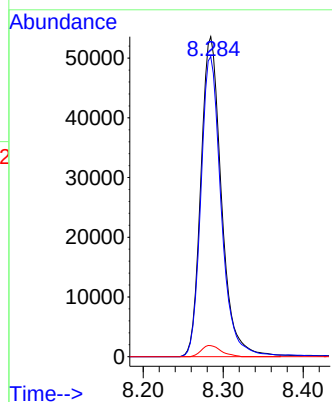


#50
1,2-Dibromoethane
Concen: 47.640 ug/L
RT: 8.284 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Instrument :
MSVOA_V
ClientSampleId :

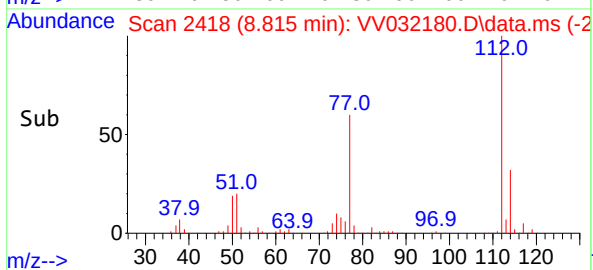
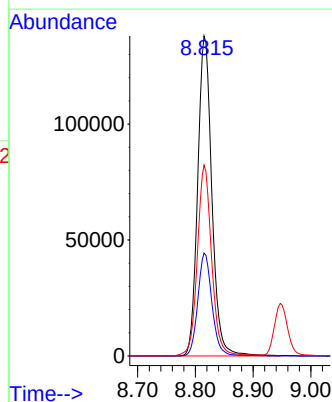
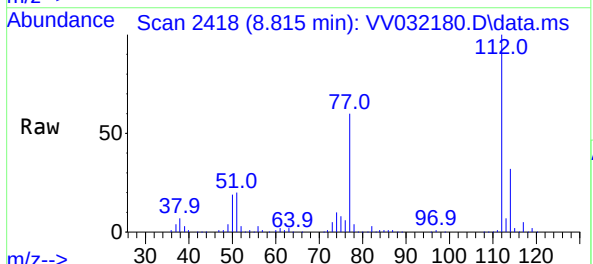


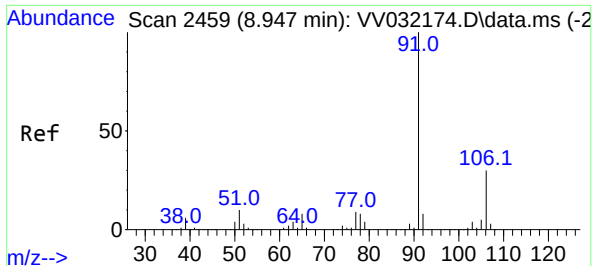
Tgt Ion:107 Resp: 95870
Ion Ratio Lower Upper
107 100
109 93.8 65.2 121.2
188 3.5 3.0 4.6



#51
Chlorobenzene
Concen: 47.336 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. -0.003 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Tgt Ion:112 Resp: 235450
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.9
77 59.7 46.7 70.1

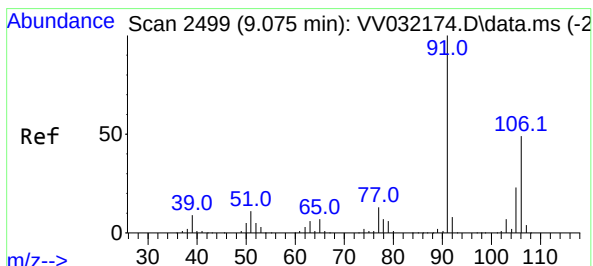
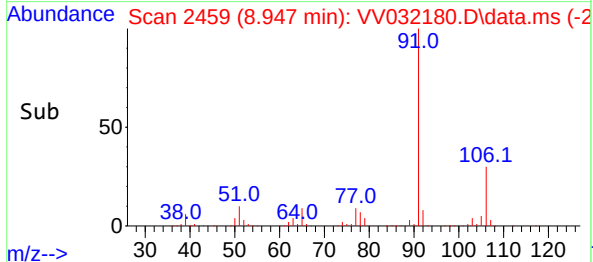
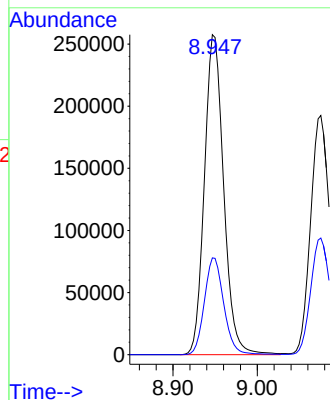
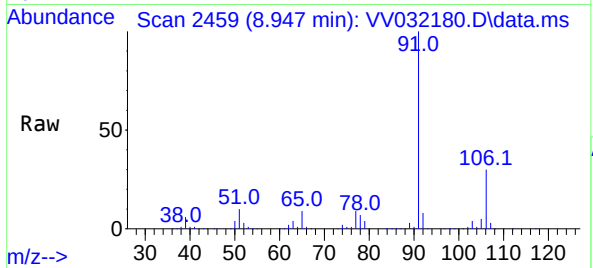




#52
Ethylbenzene
Concen: 47.665 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.003 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

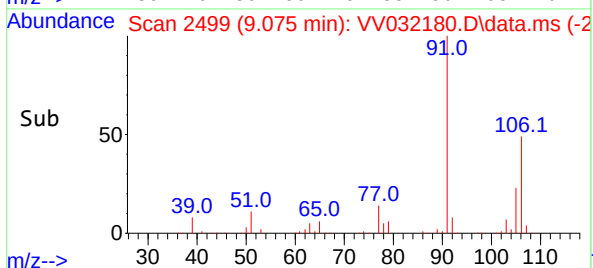
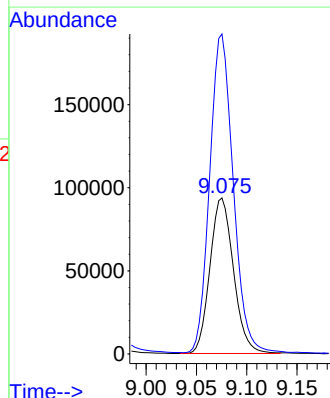
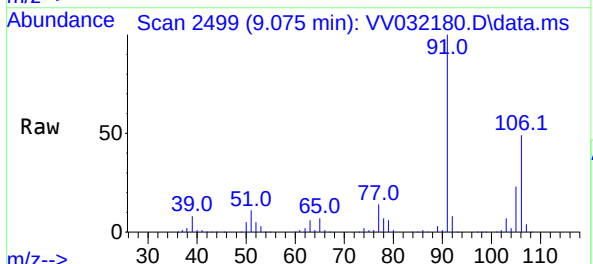
Instrument :
MSVOA_V
ClientSampleId :

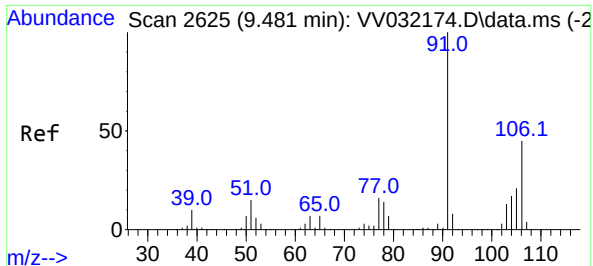
Tgt Ion: 91 Resp: 410450
Ion Ratio Lower Upper
91 100
106 30.3 20.9 38.7



#53
m,p-Xylene
Concen: 47.645 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Tgt Ion: 106 Resp: 152859
Ion Ratio Lower Upper
106 100
91 205.0 143.8 267.0

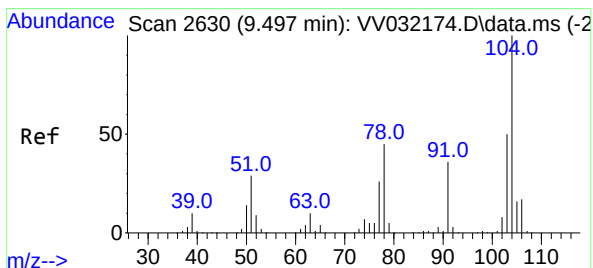
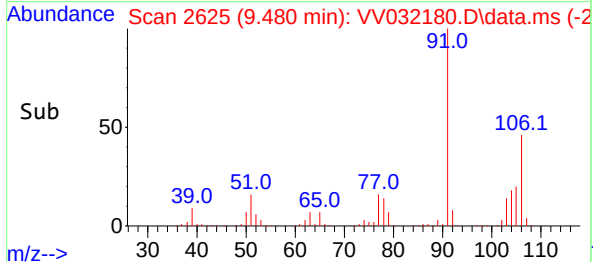
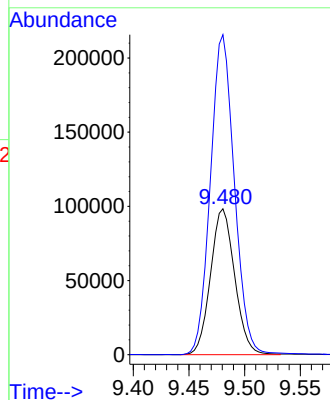
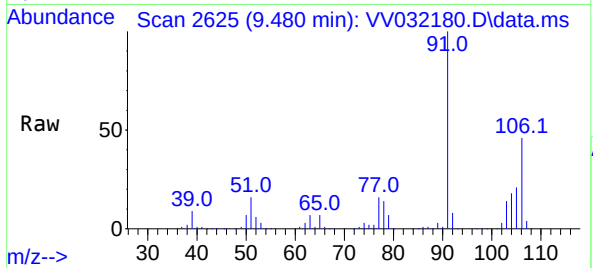




#54
o-Xylene
Concen: 46.963 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

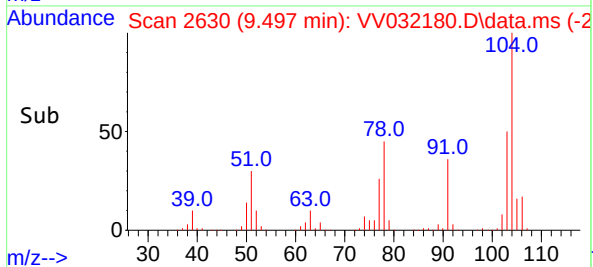
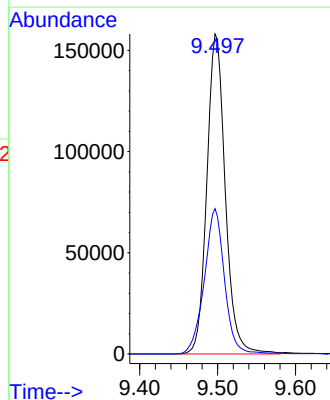
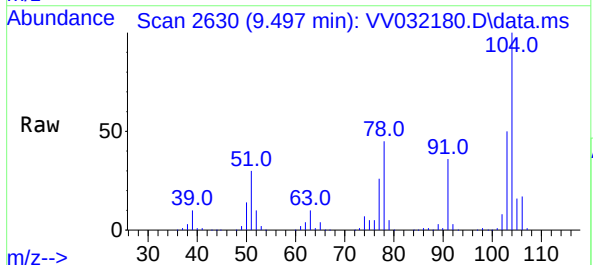
Instrument :
MSVOA_V
ClientSampleId :

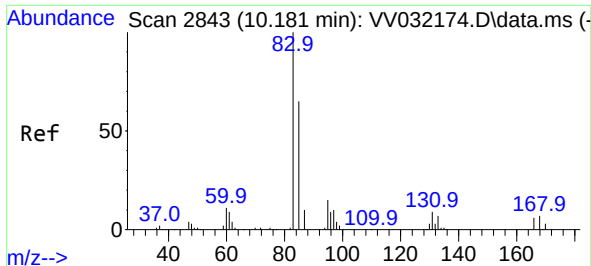
Tgt Ion:106 Resp: 148431
Ion Ratio Lower Upper
106 100
91 219.3 153.4 284.8



#55
Styrene
Concen: 48.216 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.003 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Tgt Ion:104 Resp: 259980
Ion Ratio Lower Upper
104 100
78 45.4 30.4 56.5

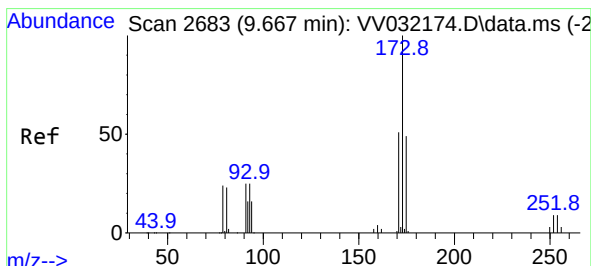
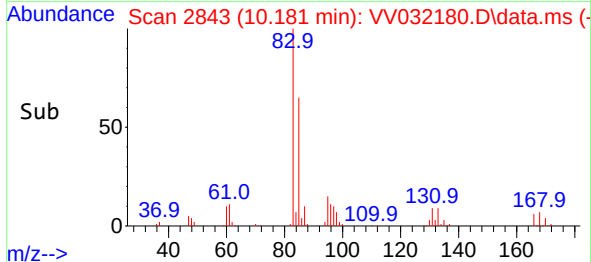
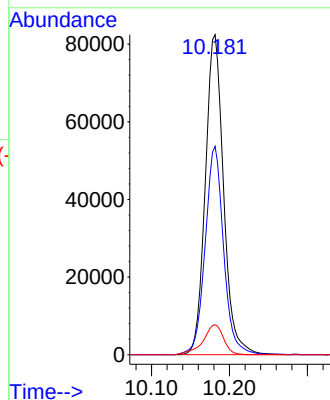
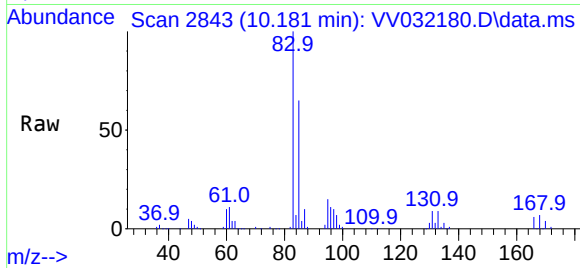




#57
1,1,2,2-Tetrachloroethane
Concen: 45.635 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

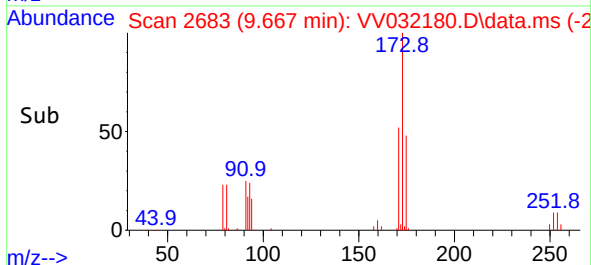
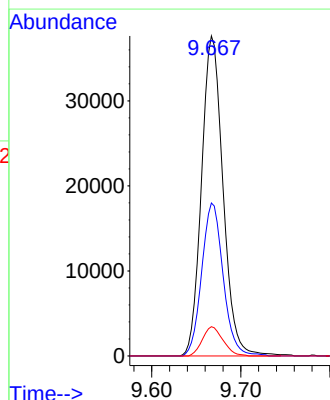
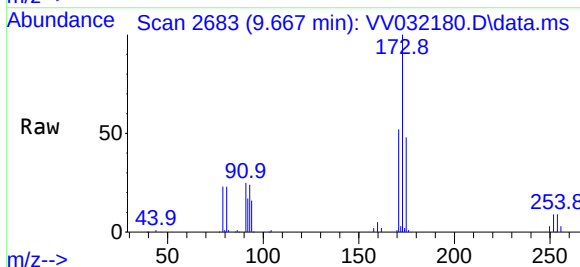
Instrument :
MSVOA_V
ClientSampleId :

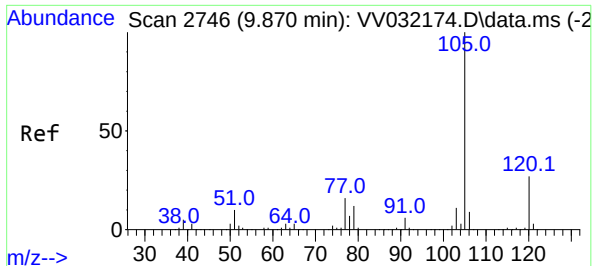
Tgt Ion: 83 Resp: 134386
Ion Ratio Lower Upper
83 100
85 65.1 44.7 82.9
131 9.4 7.4 11.0



#59
Bromoform
Concen: 46.197 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

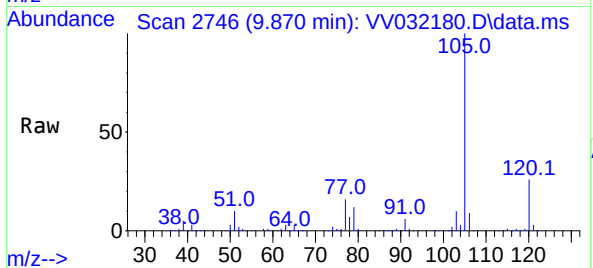
Tgt Ion: 173 Resp: 63079
Ion Ratio Lower Upper
173 100
175 47.6 39.5 59.3
254 8.8 7.0 10.4



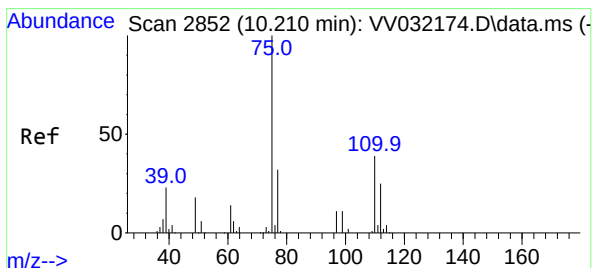
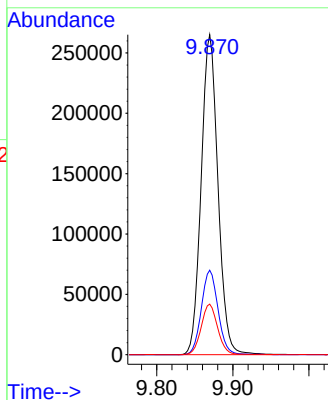
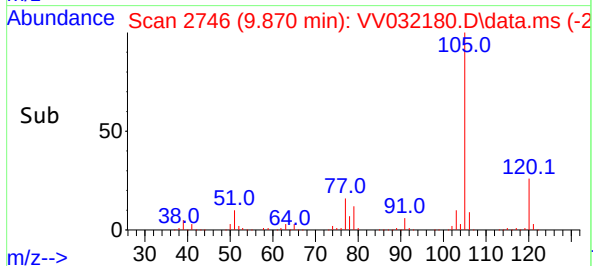


#60
Isopropylbenzene
Concen: 47.521 ug/L
RT: 9.870 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

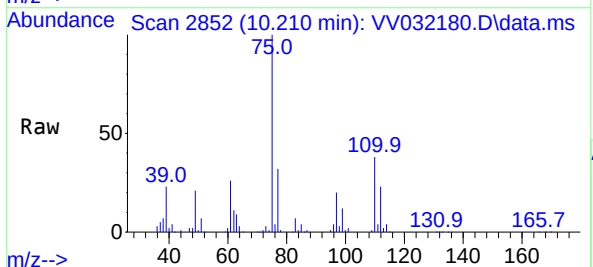
Instrument :
MSVOA_V
ClientSampleId :



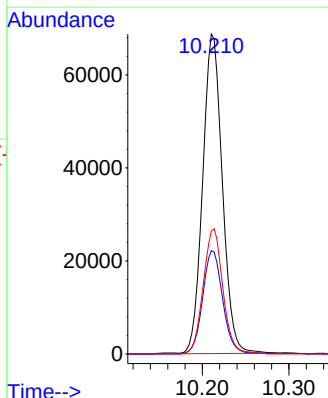
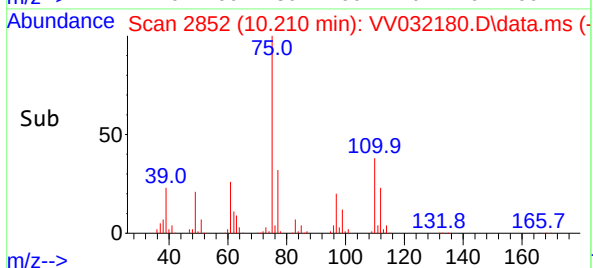
Tgt Ion:105 Resp: 406417
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 15.5 12.7 19.1

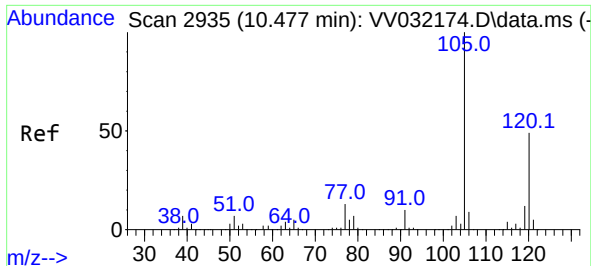


#61
1,2,3-Trichloropropane
Concen: 45.268 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.003 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58



Tgt Ion: 75 Resp: 108128
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
110 39.2 30.5 45.7

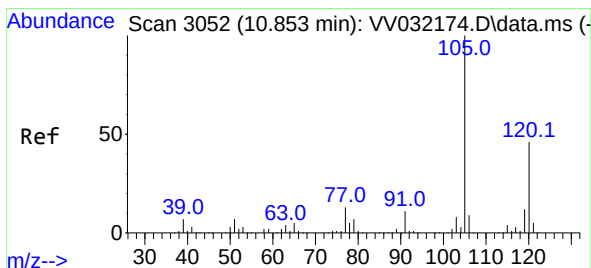
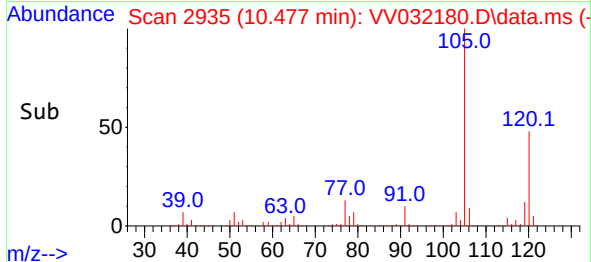
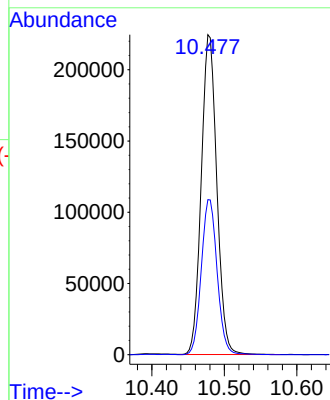
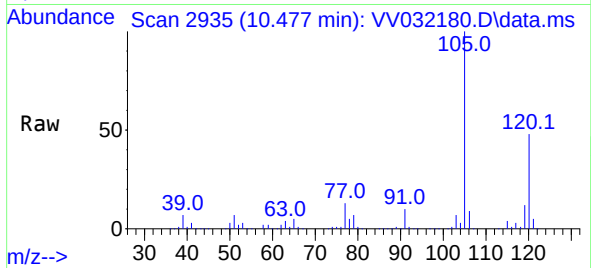




#62
1,3,5-Trimethylbenzene
Concen: 47.578 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

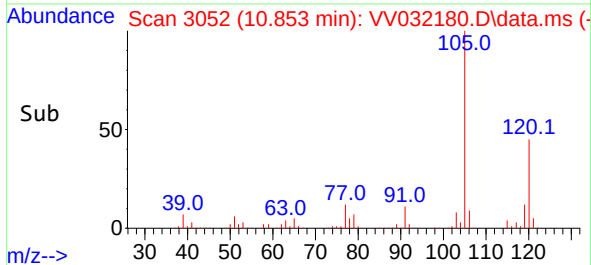
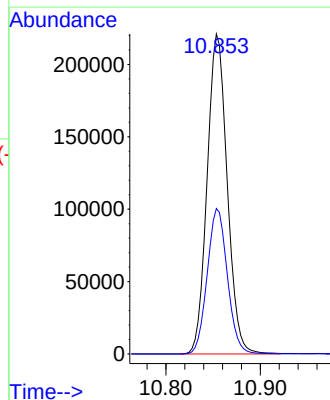
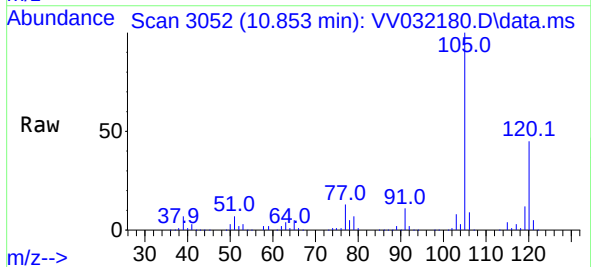
Instrument :
MSVOA_V
ClientSampleId :

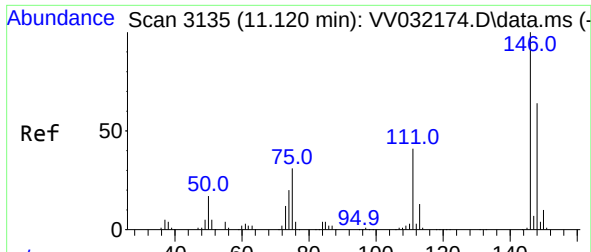
Tgt Ion:105 Resp: 334308
Ion Ratio Lower Upper
105 100
120 49.4 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 47.195 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Tgt Ion:105 Resp: 326186
Ion Ratio Lower Upper
105 100
120 45.6 36.5 54.7

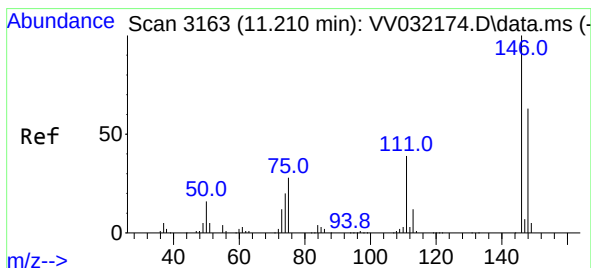
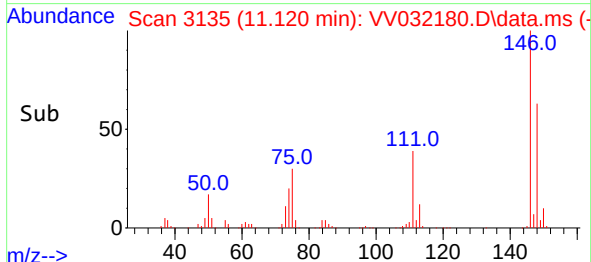
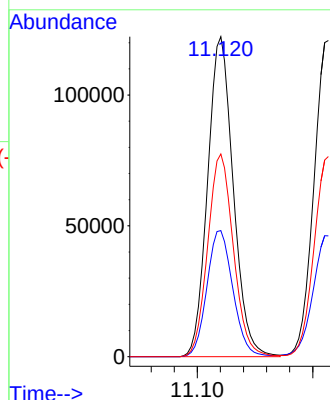
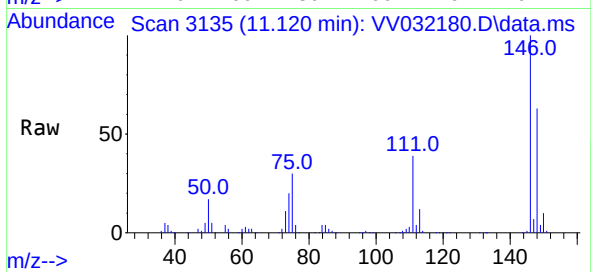




#64
1,3-Dichlorobenzene
Concen: 47.092 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

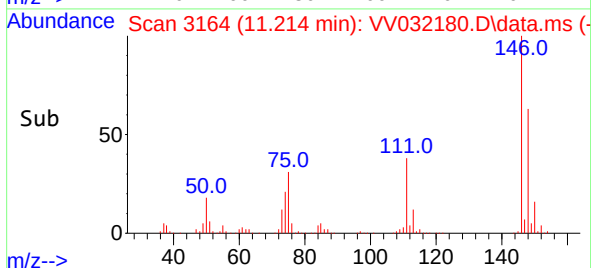
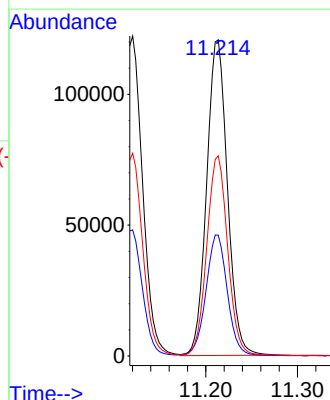
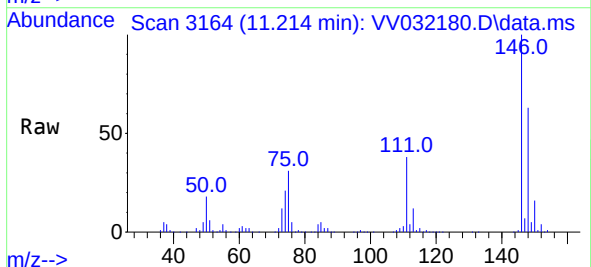
Instrument :
MSVOA_V
ClientSampleId :

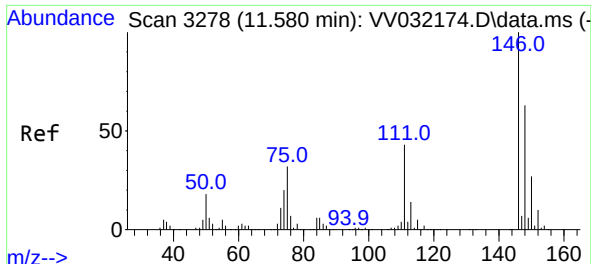
Tgt Ion:146 Resp: 188286
Ion Ratio Lower Upper
146 100
111 39.4 28.3 52.5
148 63.4 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 46.982 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Tgt Ion:146 Resp: 189754
Ion Ratio Lower Upper
146 100
111 38.2 27.5 51.1
148 63.3 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 46.716 ug/L

RT: 11.583 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032180.D

Acq: 26 Sep 2023 15:58

Instrument :

MSVOA_V

ClientSampleId :

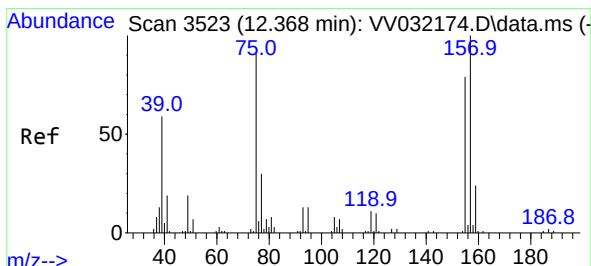
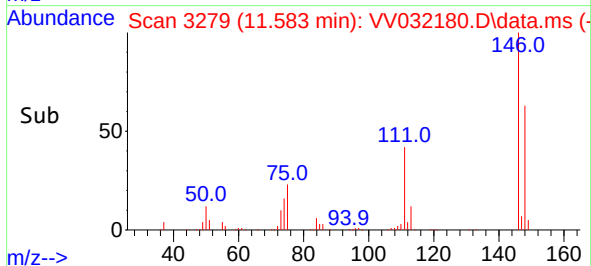
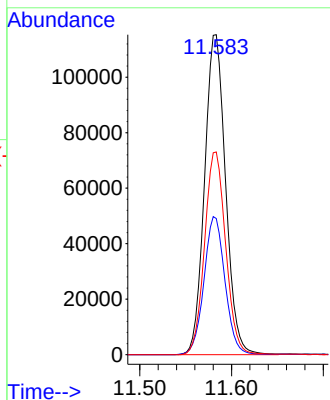
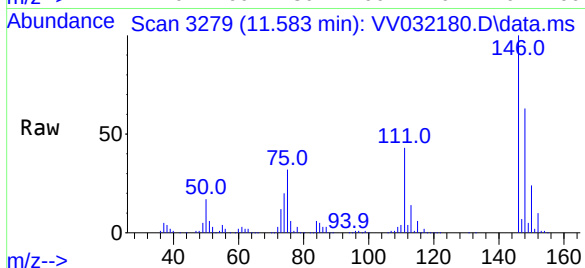
Tgt Ion:146 Resp: 183723

Ion Ratio Lower Upper

146 100

111 42.6 33.6 50.4

148 63.3 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 42.673 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV032180.D

Acq: 26 Sep 2023 15:58

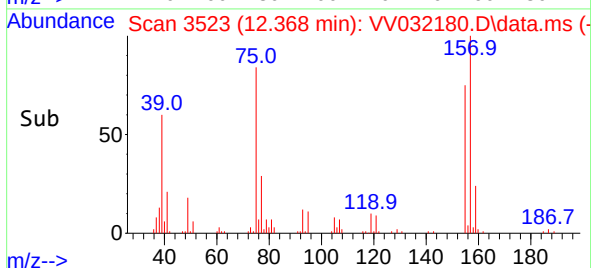
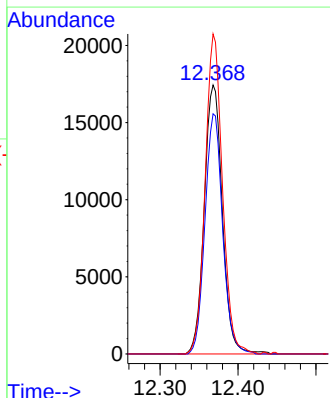
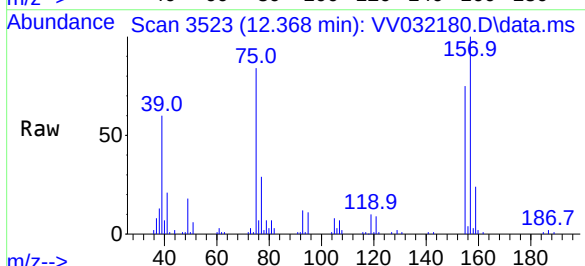
Tgt Ion: 75 Resp: 28144

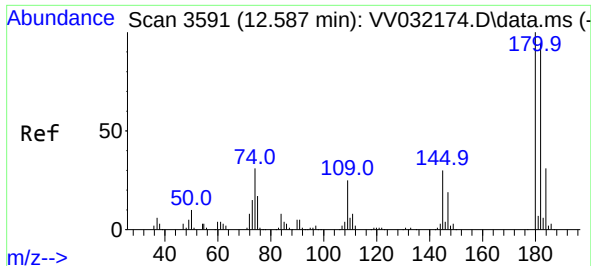
Ion Ratio Lower Upper

75 100

155 89.3 70.0 105.0

157 118.9 90.4 135.6





#69

1,3,5-Trichlorobenzene

Concen: 45.991 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. -0.000 min

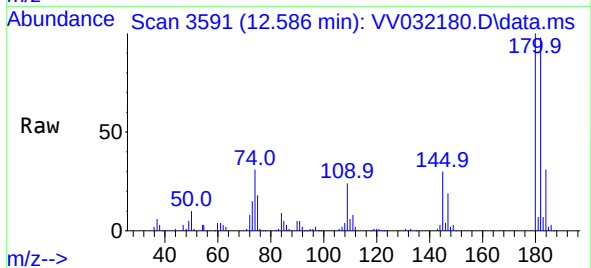
Lab File: VV032180.D

Acq: 26 Sep 2023 15:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 133148

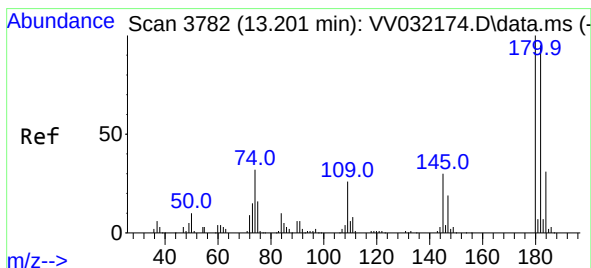
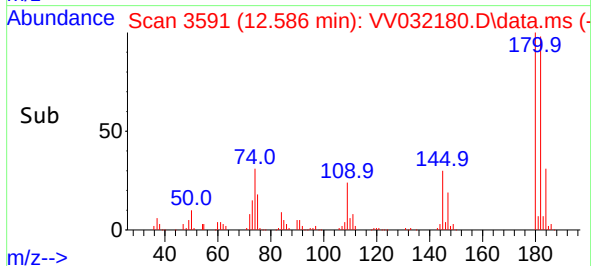
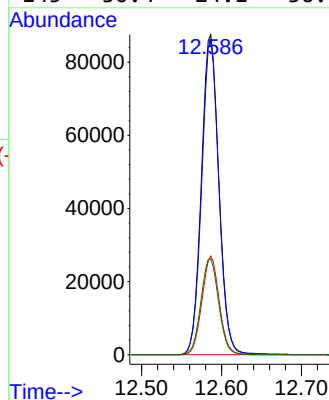
Ion Ratio Lower Upper

180 100

182 96.9 75.6 113.4

184 30.4 23.9 35.9

145 30.4 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 46.360 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.000 min

Lab File: VV032180.D

Acq: 26 Sep 2023 15:58

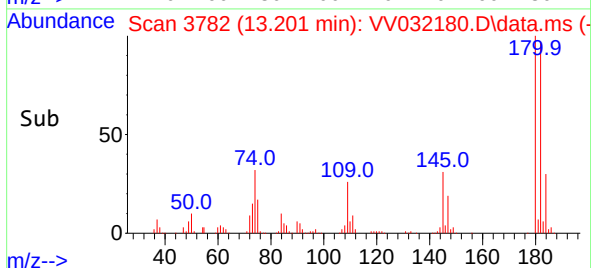
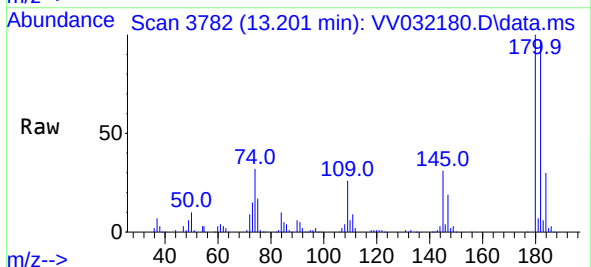
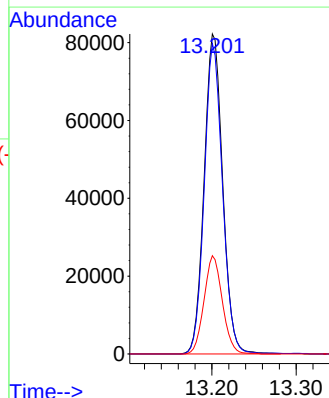
Tgt Ion:180 Resp: 126228

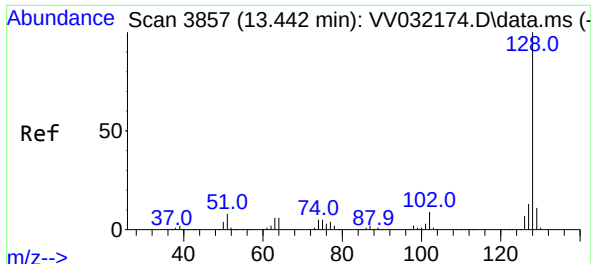
Ion Ratio Lower Upper

180 100

182 94.9 75.3 112.9

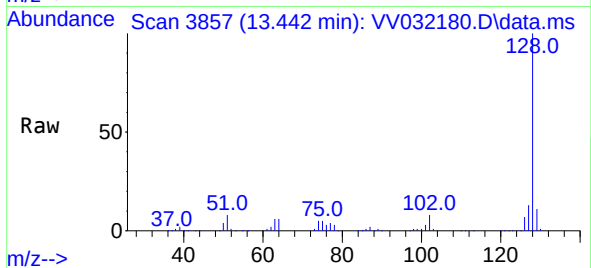
145 30.3 24.4 36.6



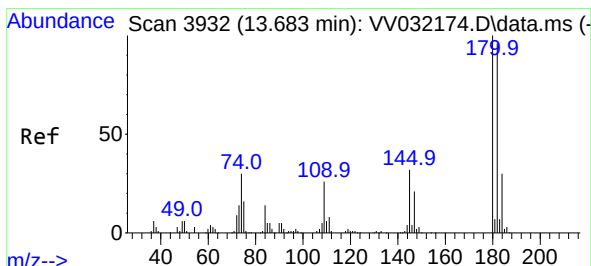
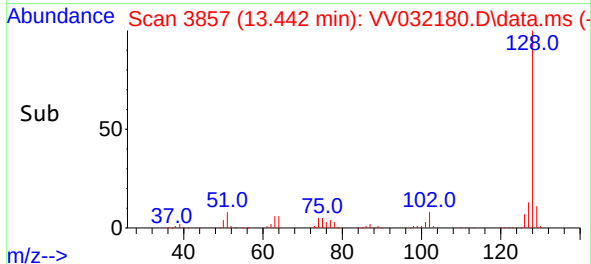
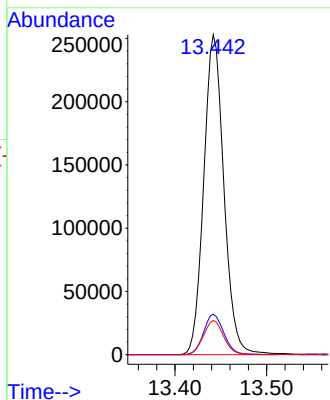


#71
Naphthalene
Concen: 43.033 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 385965
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 45.459 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. -0.000 min
Lab File: VV032180.D
Acq: 26 Sep 2023 15:58

Tgt Ion:180 Resp: 122979
Ion Ratio Lower Upper
180 100
182 95.2 75.2 112.8
145 32.5 25.8 38.8

