

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029509.D
 Acq On : 09 Dec 2022 05:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050378

Quant Time: Dec 09 06:30:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	529973	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	487352	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	264364	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	123697	38.115	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.240%
7) Chloroethane-d5	1.564	69	109000	44.046	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.100%
11) 1,1-Dichloroethene-d2	2.108	63	230983	45.632	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.260%
21) 2-Butanone-d5	3.870	46	210026	106.088	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.090%
24) Chloroform-d	4.339	84	280681	45.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.920%
26) 1,2-Dichloroethane-d4	5.024	65	162958	46.720	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.440%
32) Benzene-d6	5.043	84	574726	44.630	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.260%
36) 1,2-Dichloropropane-d6	6.063	67	177528	45.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.260%
41) Toluene-d8	7.307	98	533047	43.932	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.860%
43) trans-1,3-Dichloroprop...	7.612	79	74873	37.696	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.400%
47) 2-Hexanone-d5	8.082	63	180447	107.429	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.430%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	266166	47.353	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.700%
66) 1,2-Dichlorobenzene-d4	11.612	152	226605	45.029	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	197001	47.192	ug/L	99
3) Chloromethane	1.240	50	205404	43.156	ug/L	99
5) Vinyl chloride	1.310	62	201489	50.598	ug/L	100
6) Bromomethane	1.516	94	92448	57.697	ug/L	99
8) Chloroethane	1.581	64	114746	51.748	ug/L	100
9) Trichlorofluoromethane	1.751	101	244444	49.035	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	136476	49.269	ug/L	99
12) 1,1-Dichloroethene	2.118	96	143079	50.507	ug/L	92
13) Acetone	2.159	43	116470	90.308	ug/L	99
14) Carbon disulfide	2.291	76	443060	46.994	ug/L	99
15) Methyl Acetate	2.423	43	156713	53.334	ug/L	99
16) Methylene chloride	2.503	84	179651	51.005	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	162082	49.656	ug/L	94
18) Methyl tert-butyl Ether	2.764	73	511334	51.131	ug/L	99
19) 1,1-Dichloroethane	3.182	63	286081	51.161	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	188834	52.611	ug/L	95
22) 2-Butanone	3.953	43	208277	101.493	ug/L	96
23) Bromochloromethane	4.240	128	91479	49.496	ug/L	94
25) Chloroform	4.365	83	286863	49.484	ug/L	98

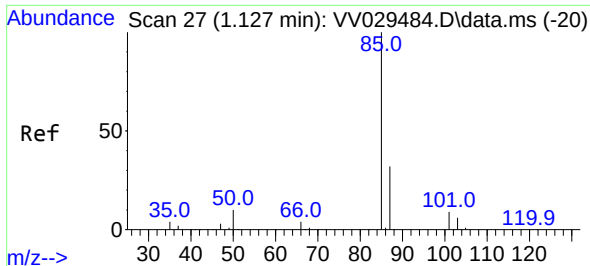
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
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 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	209570	51.175	ug/L	100
29) Cyclohexane	4.670	56	260316	49.309	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	259372	48.849	ug/L	98
31) Carbon tetrachloride	4.822	117	217416	46.890	ug/L	99
33) Benzene	5.092	78	677552	49.323	ug/L	100
34) Trichloroethene	5.908	95	167571	48.680	ug/L	99
35) Methylcyclohexane	6.124	83	283301	48.457	ug/L	99
37) 1,2-Dichloropropane	6.166	63	161956	48.847	ug/L	99
38) Bromodichloromethane	6.503	83	215116	46.999	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	214686	39.371	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	428972	108.514	ug/L	98
42) Toluene	7.381	91	722759	48.882	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	206653	40.019	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	166979	48.748	ug/L	99
46) Tetrachloroethene	7.969	164	135690	49.028	ug/L	97
48) 2-Hexanone	8.133	43	321448	106.432	ug/L	98
49) Dibromochloromethane	8.236	129	175375	46.373	ug/L	100
50) 1,2-Dibromoethane	8.342	107	166965	47.313	ug/L	100
51) Chlorobenzene	8.873	112	469580	50.155	ug/L	99
52) Ethylbenzene	9.005	91	768443	49.434	ug/L	100
53) m,p-Xylene	9.130	106	302926	49.236	ug/L	99
54) o-Xylene	9.535	106	295634	48.578	ug/L	99
55) Styrene	9.551	104	526684	49.800	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	269564	49.197	ug/L	99
59) Bromoform	9.722	173	129823	44.455	ug/L	99
60) Isopropylbenzene	9.921	105	772715	49.784	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	206220	50.536	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	677936	49.399	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	681637	50.107	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	372707	49.111	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	380111	49.283	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	387013	49.870	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	57284	45.166	ug/L	99
69) 1,3,5-Trichlorobenzene	12.632	180	291594	48.281	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	266260	49.578	ug/L	100
71) Naphthalene	13.490	128	676470	55.531	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	264792	50.338	ug/L	100

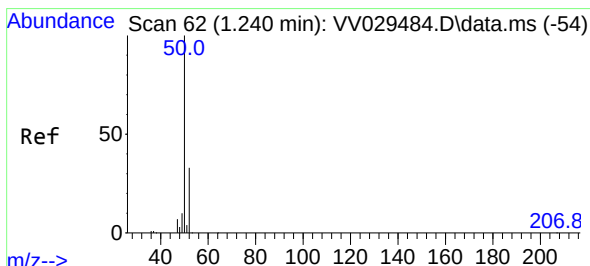
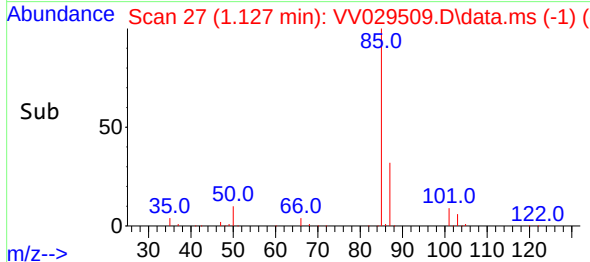
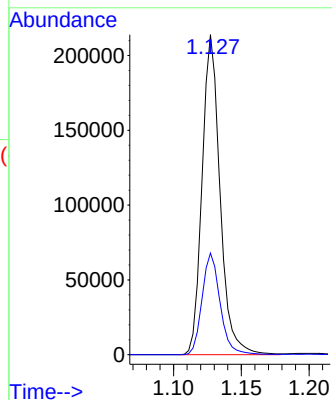
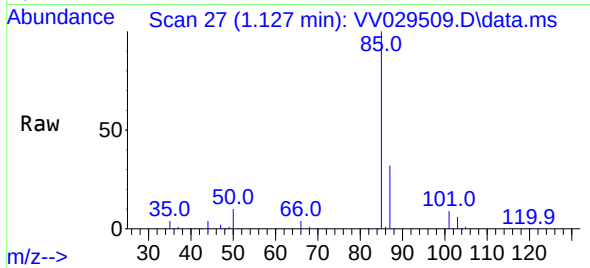
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 47.192 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

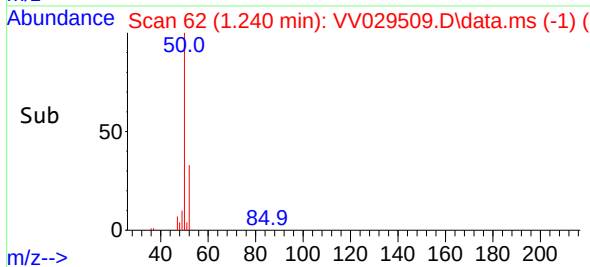
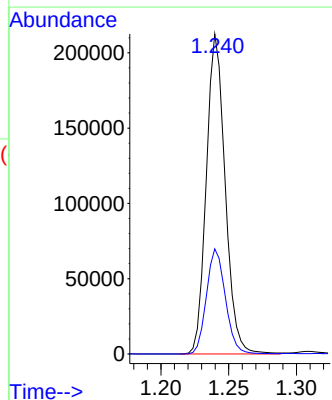
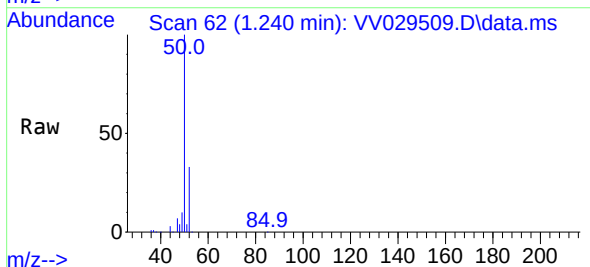
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

Tgt Ion: 85 Resp: 197001
Ion Ratio Lower Upper
85 100
87 31.9 25.9 38.9

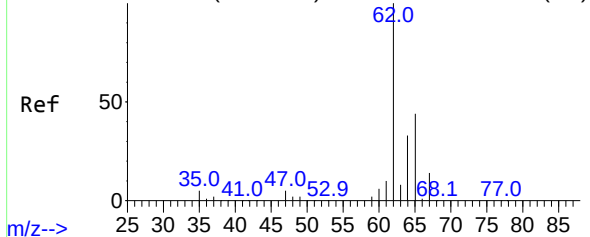


#3
Chloromethane
Concen: 43.156 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Tgt Ion: 50 Resp: 205404
Ion Ratio Lower Upper
50 100
52 32.8 23.3 43.3



Abundance Scan 84 (1.310 min): VV029484.D\data.ms (-76)



#5

Vinyl chloride

Concen: 50.598 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.003 min

Lab File: VV029509.D

Acq: 09 Dec 2022 05:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD050378

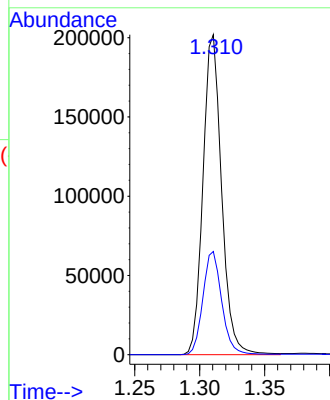
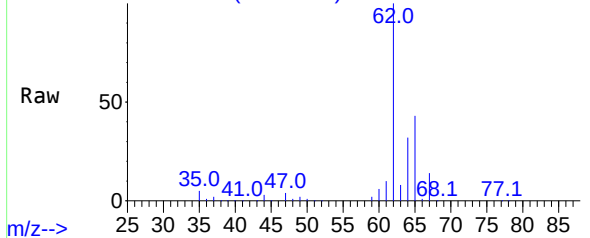
Tgt Ion: 62 Resp: 201489

Ion Ratio Lower Upper

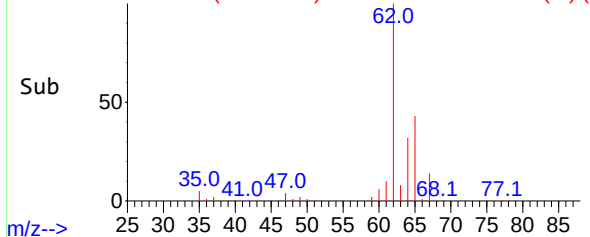
62 100

64 32.3 22.5 41.9

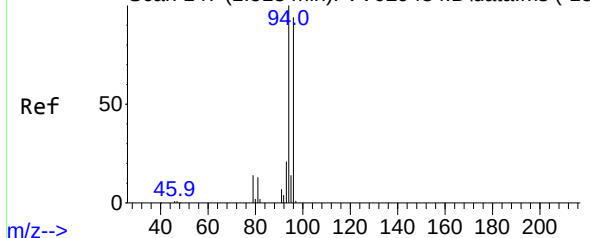
Abundance Scan 84 (1.310 min): VV029509.D\data.ms



Abundance Scan 84 (1.310 min): VV029509.D\data.ms (-1)



Abundance Scan 147 (1.513 min): VV029484.D\data.ms (-13)



#6

Bromomethane

Concen: 57.697 ug/L

RT: 1.516 min Scan# 148

Delta R.T. -0.000 min

Lab File: VV029509.D

Acq: 09 Dec 2022 05:33

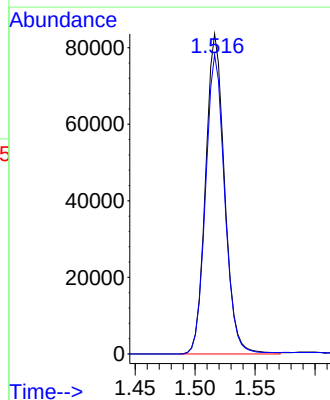
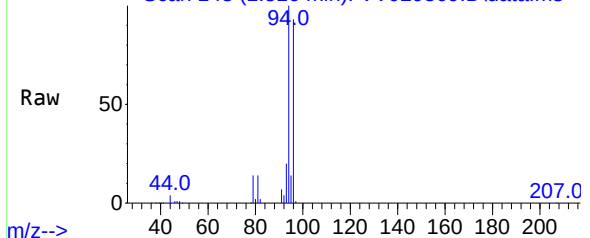
Tgt Ion: 94 Resp: 92448

Ion Ratio Lower Upper

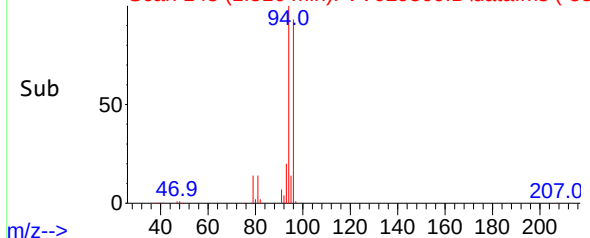
94 100

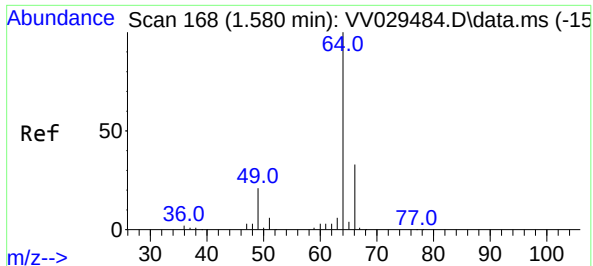
96 93.5 65.1 120.9

Abundance Scan 148 (1.516 min): VV029509.D\data.ms



Abundance Scan 148 (1.516 min): VV029509.D\data.ms (-55)

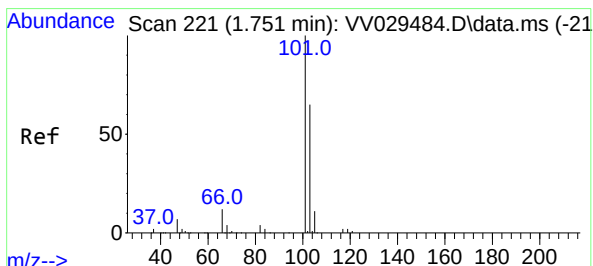
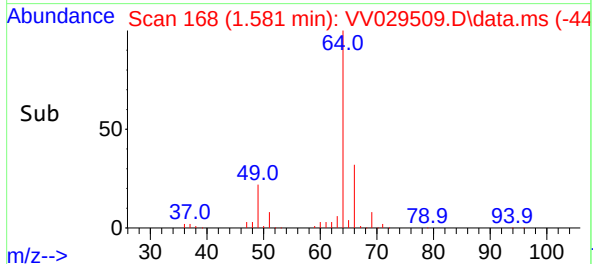
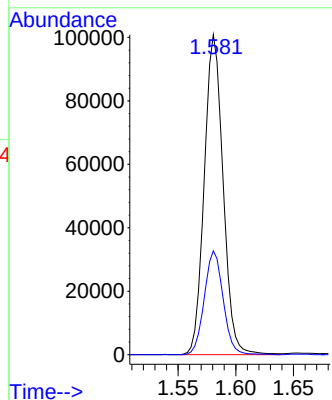
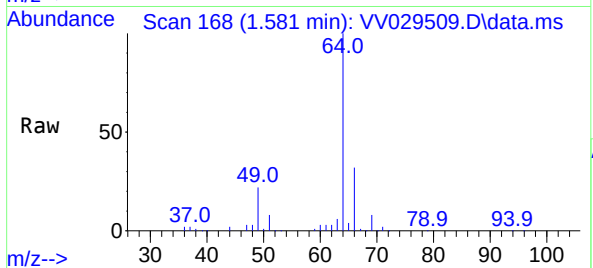




#8
Chloroethane
Concen: 51.748 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

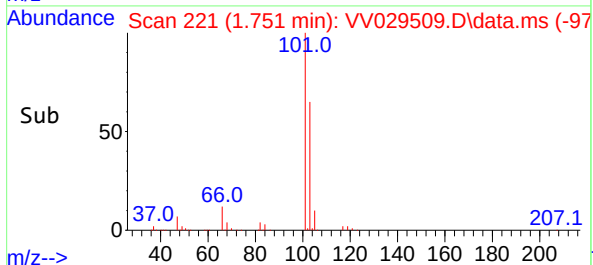
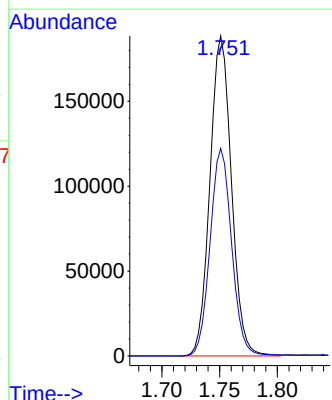
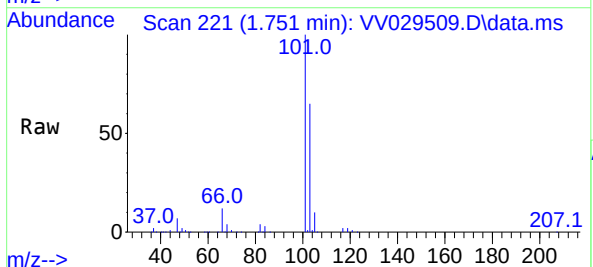
Instrument :
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ClientSampleId :
VSTD050378

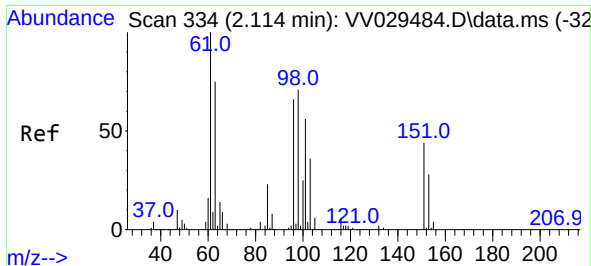
Tgt Ion: 64 Resp: 114746
Ion Ratio Lower Upper
64 100
66 32.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 49.035 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Tgt Ion:101 Resp: 244444
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8

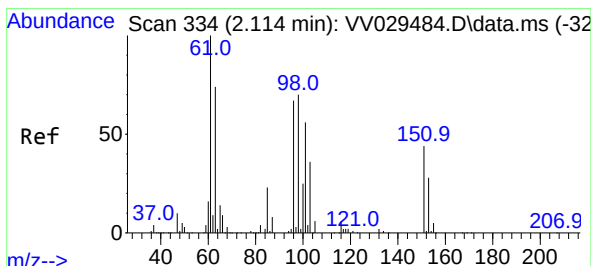
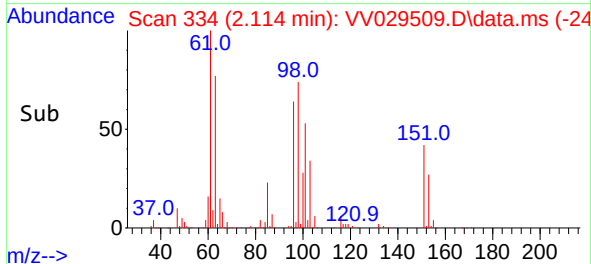
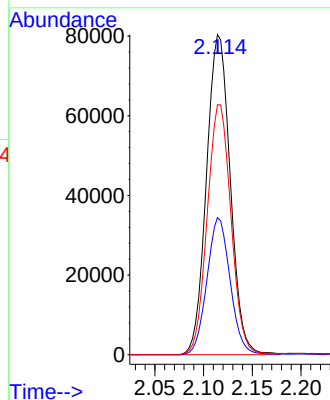
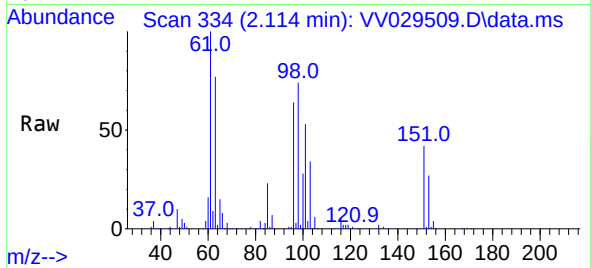




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.269 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

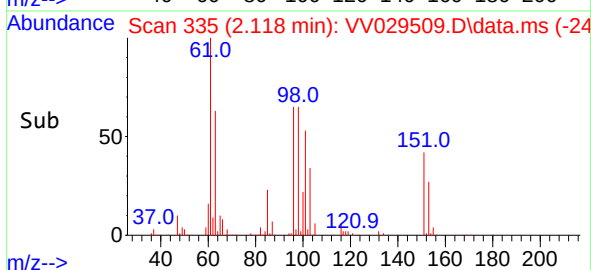
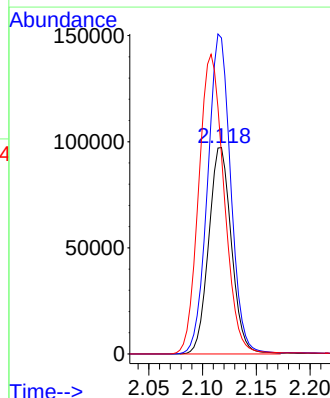
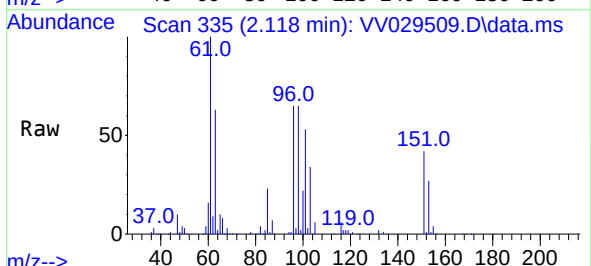
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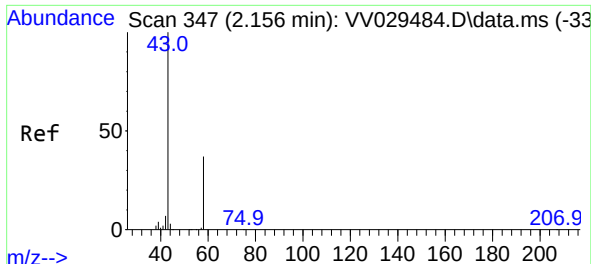
Tgt Ion:101 Resp: 136476
Ion Ratio Lower Upper
101 100
85 41.7 33.6 50.4
151 78.2 63.5 95.3



#12
1,1-Dichloroethene
Concen: 50.507 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Tgt Ion: 96 Resp: 143079
Ion Ratio Lower Upper
96 100
61 153.1 103.3 191.9
63 96.4 77.3 143.7

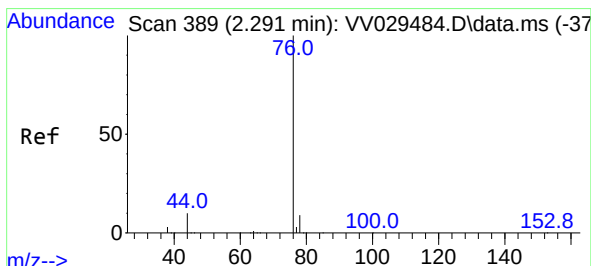
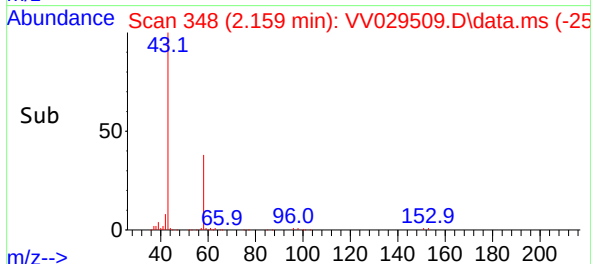
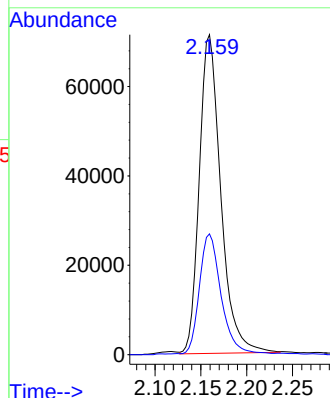
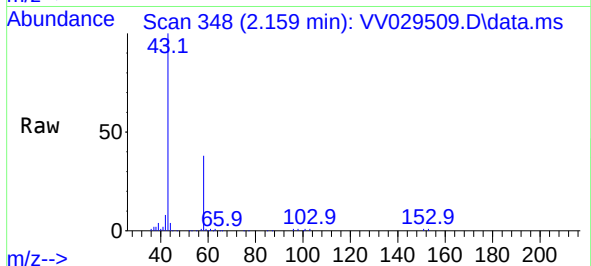




#13
Acetone
Concen: 90.308 ug/L
RT: 2.159 min Scan# 347
Delta R.T. 0.003 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

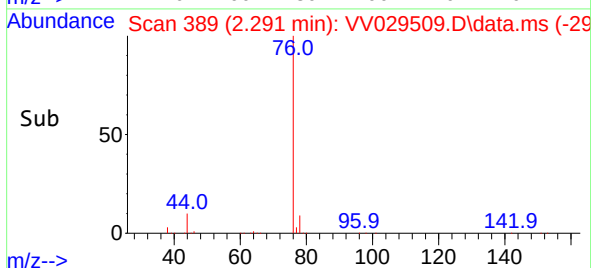
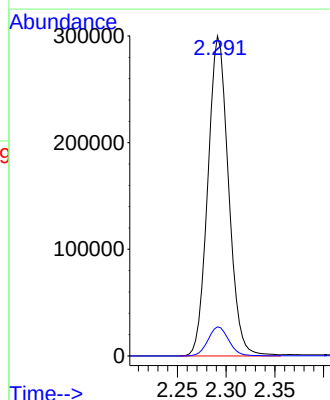
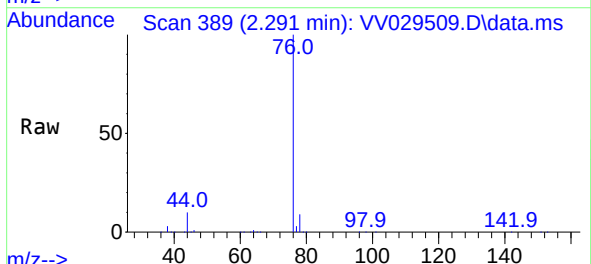
Instrument :
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ClientSampleId :
VSTD050378

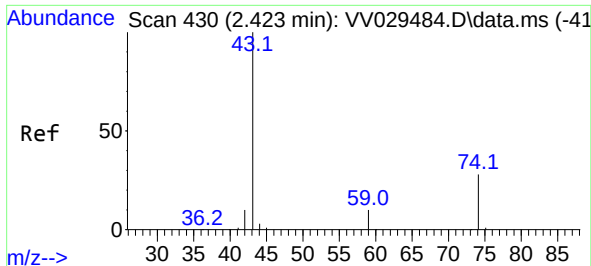
Tgt Ion: 43 Resp: 116470
Ion Ratio Lower Upper
43 100
58 37.8 0.0 74.8



#14
Carbon disulfide
Concen: 46.994 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Tgt Ion: 76 Resp: 443060
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

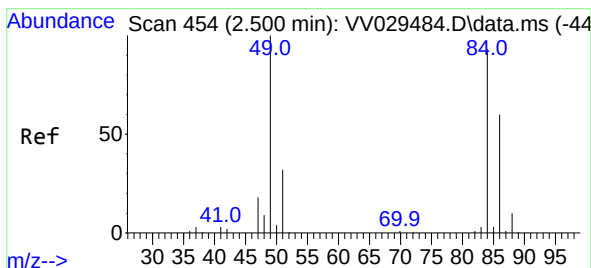
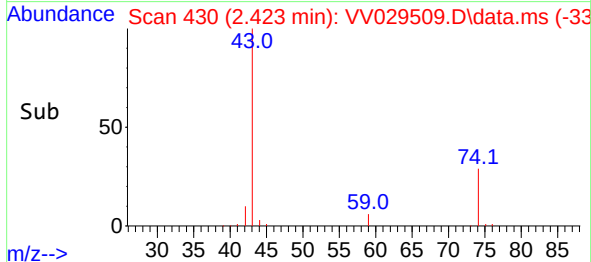
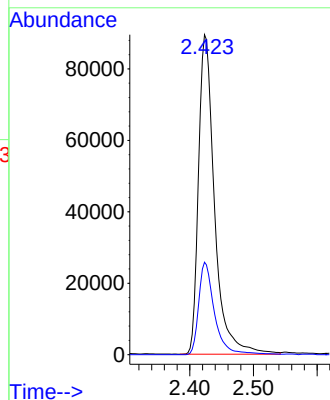
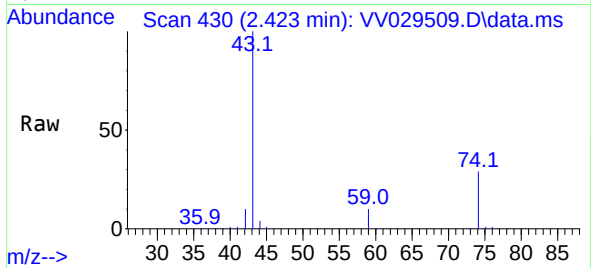




#15
Methyl Acetate
Concen: 53.334 ug/L
RT: 2.423 min Scan# 411
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

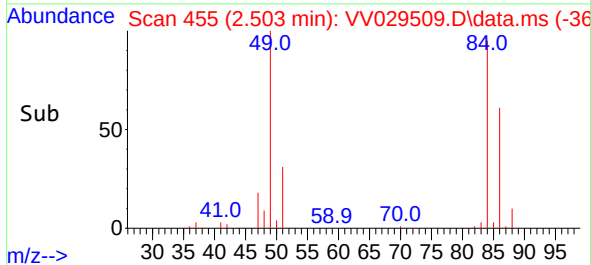
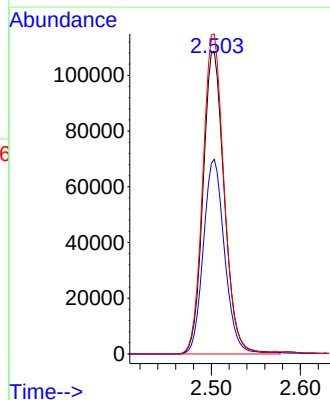
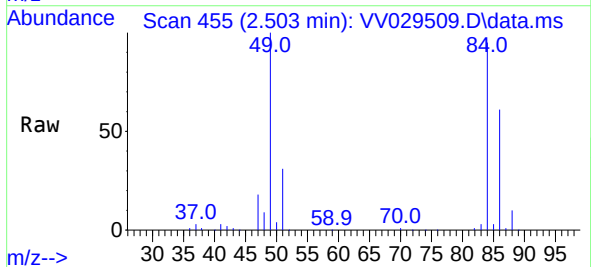
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

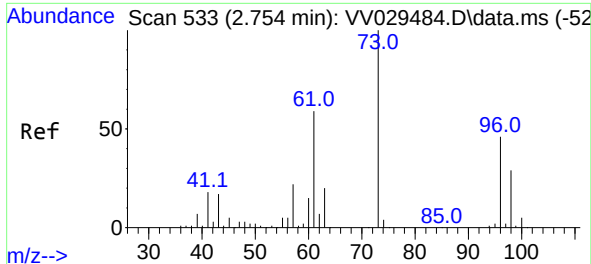
Tgt Ion: 43 Resp: 156713
Ion Ratio Lower Upper
43 100
74 28.7 23.5 35.3



#16
Methylene chloride
Concen: 51.005 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Tgt Ion: 84 Resp: 179651
Ion Ratio Lower Upper
84 100
86 64.4 46.0 85.4
49 105.8 72.2 134.0

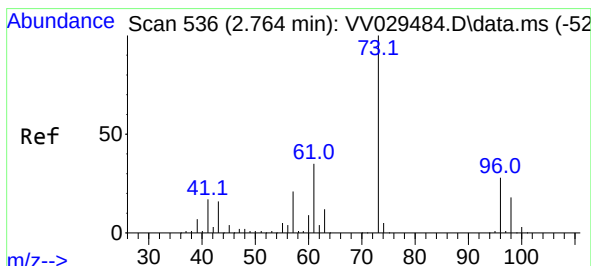
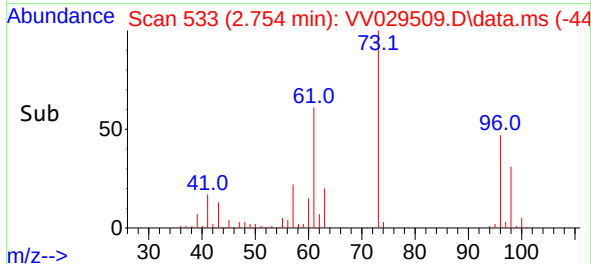
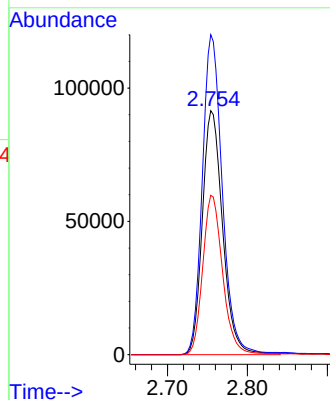
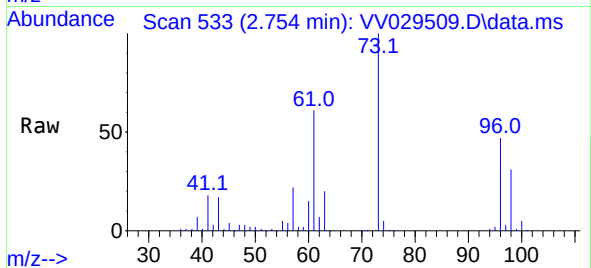




#17
trans-1,2-Dichloroethene
Concen: 49.656 ug/L
RT: 2.754 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

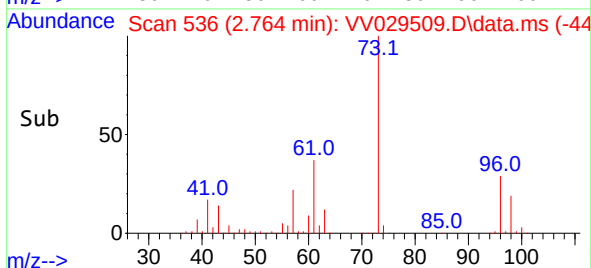
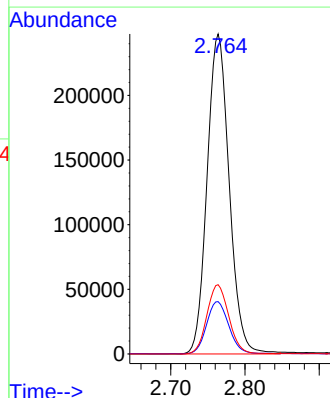
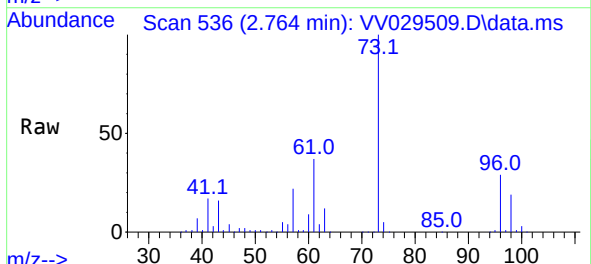
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

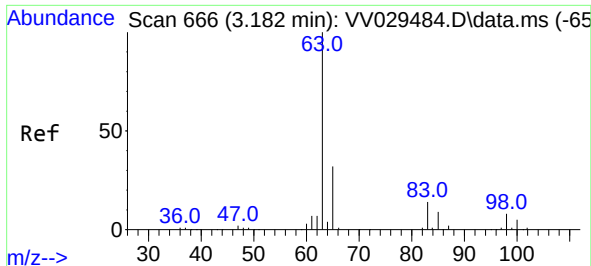
Tgt Ion: 96 Resp: 162082
Ion Ratio Lower Upper
96 100
61 131.2 86.4 160.4
98 65.3 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 51.131 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Tgt Ion: 73 Resp: 511334
Ion Ratio Lower Upper
73 100
43 16.3 12.7 19.1
57 21.5 16.7 25.1

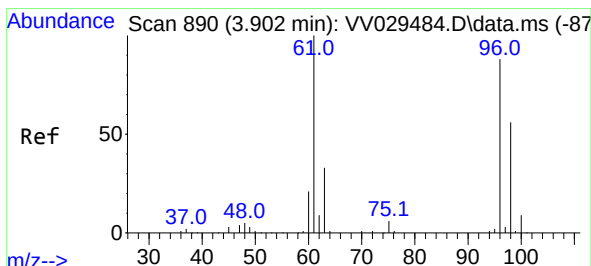
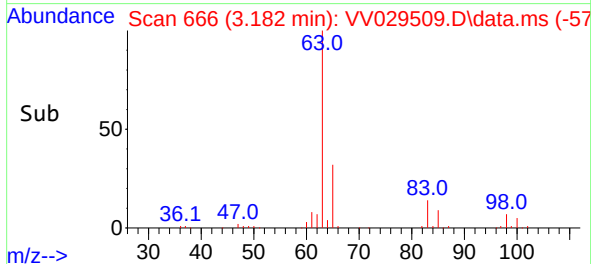
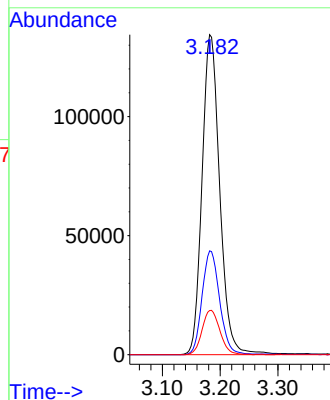
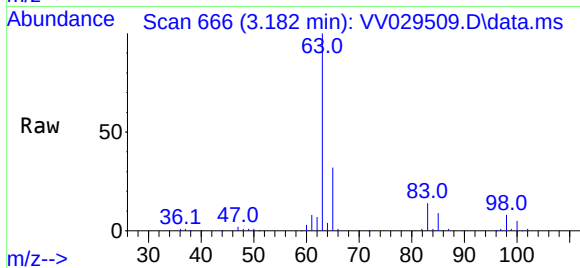




#19
1,1-Dichloroethane
Concen: 51.161 ug/L
RT: 3.182 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

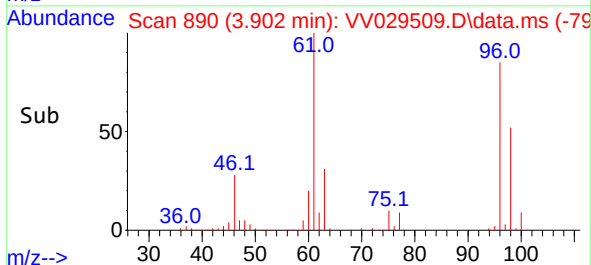
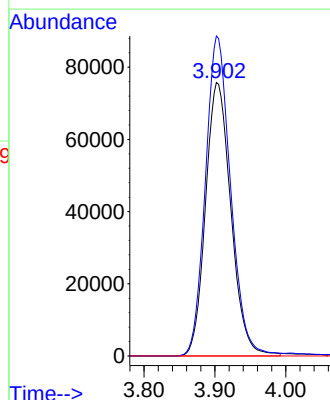
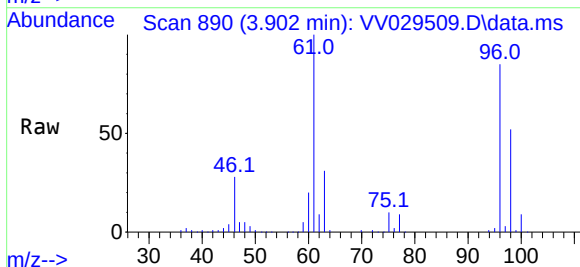
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

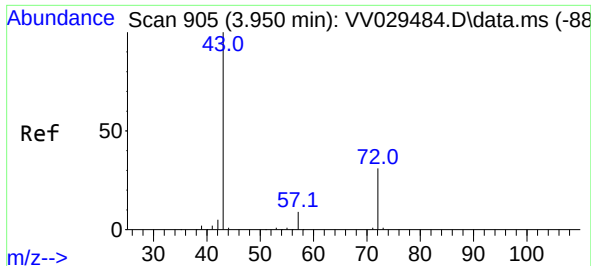
Tgt Ion: 63 Resp: 286081
Ion Ratio Lower Upper
63 100
65 32.4 22.5 41.7
83 13.8 10.4 19.2



#20
cis-1,2-Dichloroethene
Concen: 52.611 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Tgt Ion: 96 Resp: 188834
Ion Ratio Lower Upper
96 100
61 117.1 78.0 144.9
68 0.0 0.0 0.0

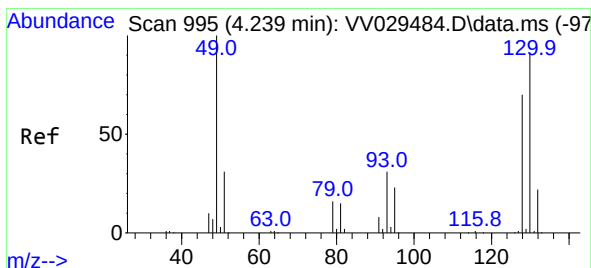
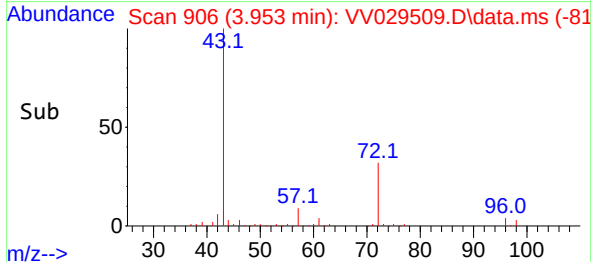
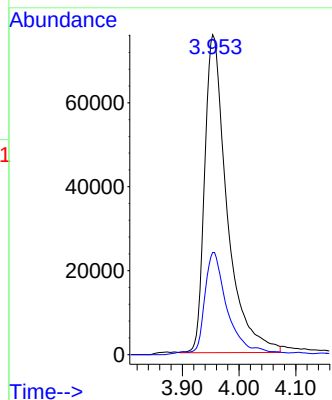
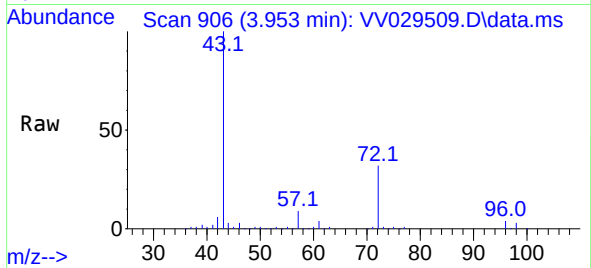




#22
2-Butanone
Concen: 101.493 ug/L
RT: 3.953 min Scan# 905
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

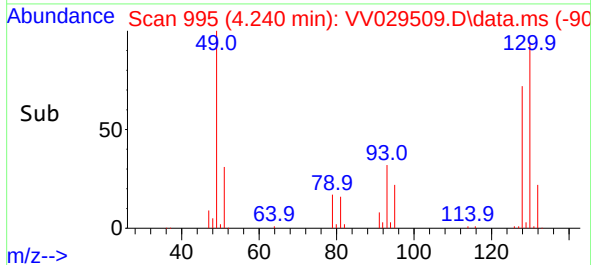
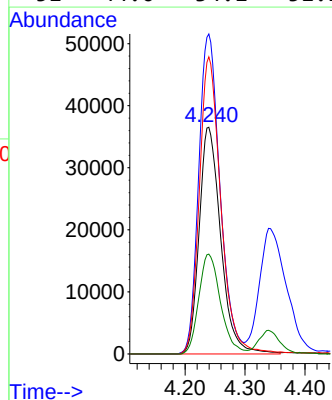
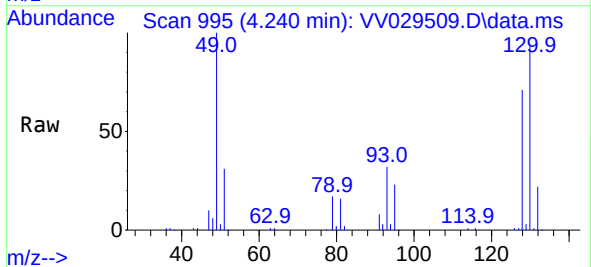
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

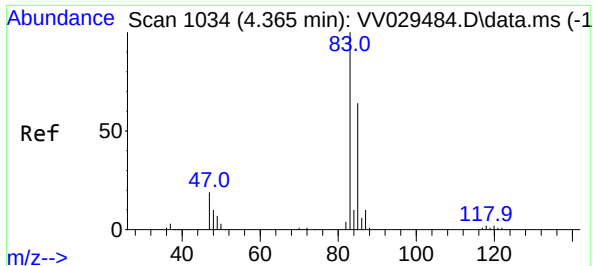
Tgt Ion: 43 Resp: 208277
Ion Ratio Lower Upper
43 100
72 29.4 15.9 47.6



#23
Bromochloromethane
Concen: 49.496 ug/L
RT: 4.240 min Scan# 995
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Tgt Ion:128 Resp: 91479
Ion Ratio Lower Upper
128 100
49 141.2 92.2 171.2
130 131.1 88.3 164.1
51 44.0 34.1 51.1





#25

Chloroform

Concen: 49.484 ug/L

RT: 4.365 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV029509.D

Acq: 09 Dec 2022 05:33

Instrument :

MSVOA_V

ClientSampleId :

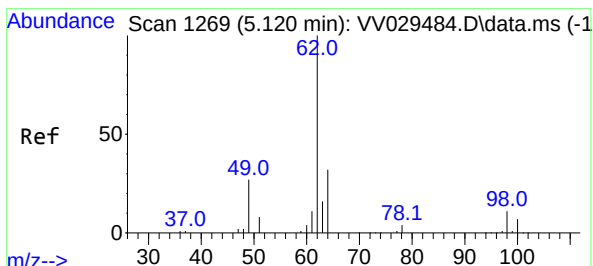
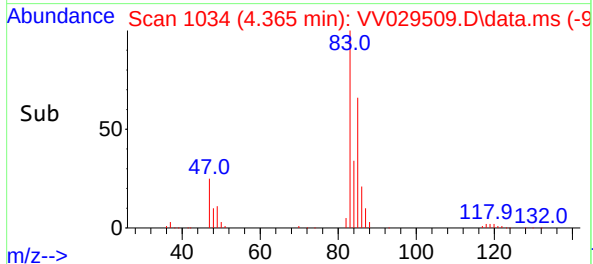
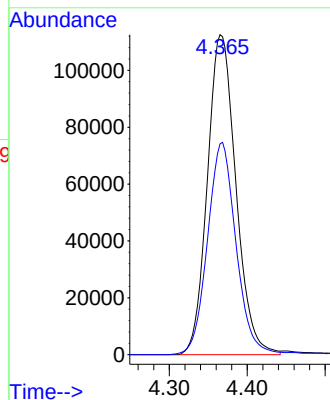
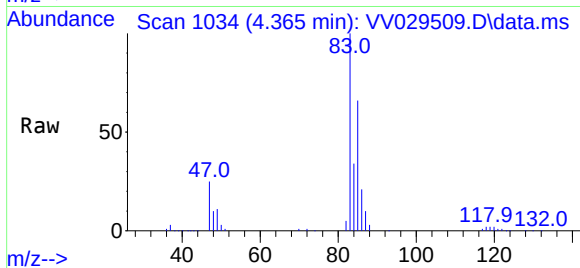
VSTD050378

Tgt Ion: 83 Resp: 286863

Ion Ratio Lower Upper

83 100

85 65.9 45.1 83.9



#27

1,2-Dichloroethane

Concen: 51.175 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV029509.D

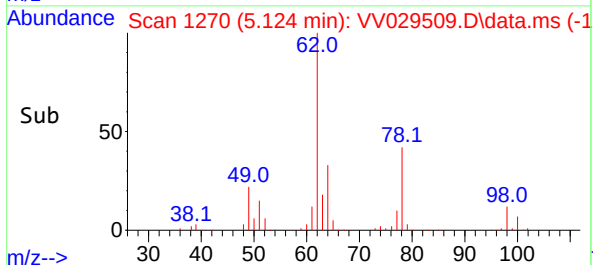
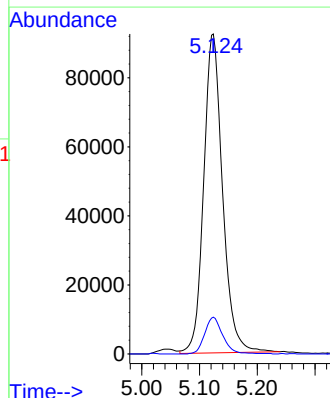
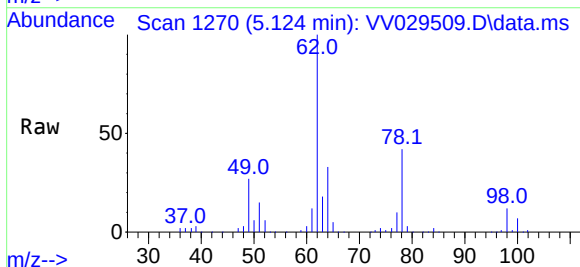
Acq: 09 Dec 2022 05:33

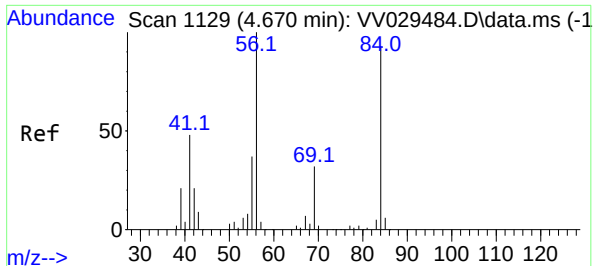
Tgt Ion: 62 Resp: 209570

Ion Ratio Lower Upper

62 100

98 11.5 9.4 14.0





#29

Cyclohexane

Concen: 49.309 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV029509.D

Acq: 09 Dec 2022 05:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD050378

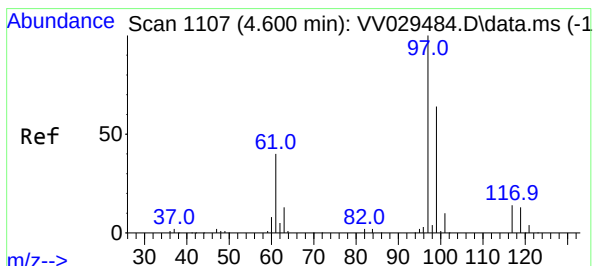
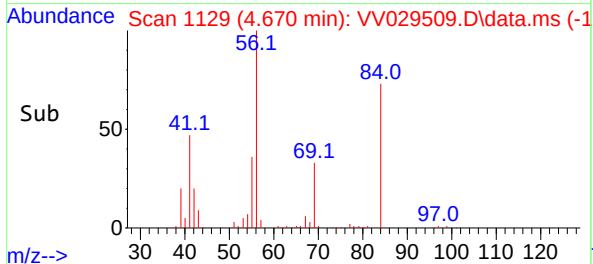
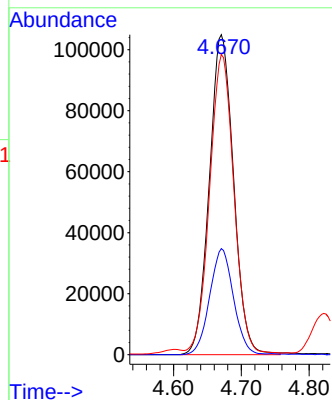
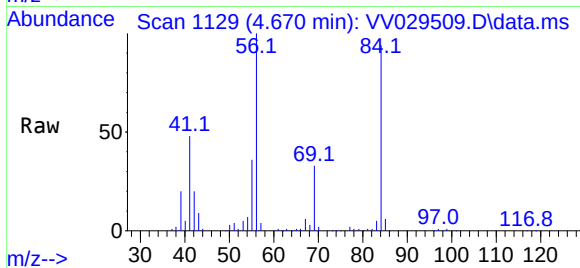
Tgt Ion: 56 Resp: 260316

Ion Ratio Lower Upper

56 100

69 32.6 25.8 38.8

84 94.2 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 48.849 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV029509.D

Acq: 09 Dec 2022 05:33

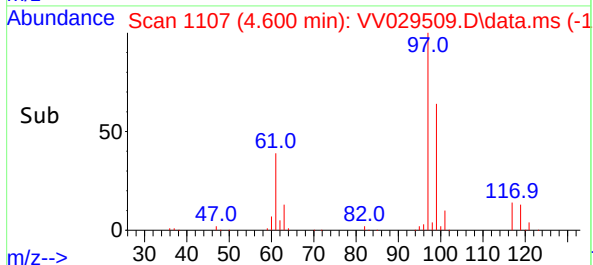
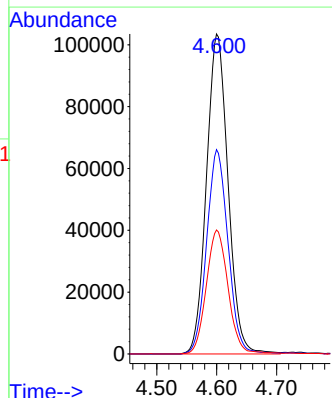
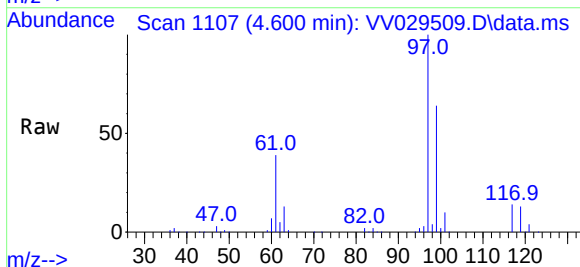
Tgt Ion: 97 Resp: 259372

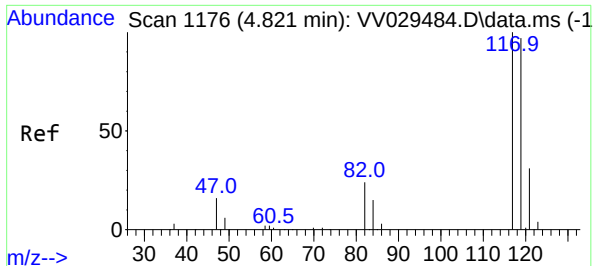
Ion Ratio Lower Upper

97 100

99 63.0 52.1 78.1

61 38.8 31.8 47.8

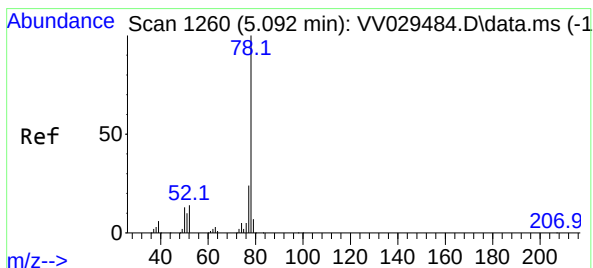
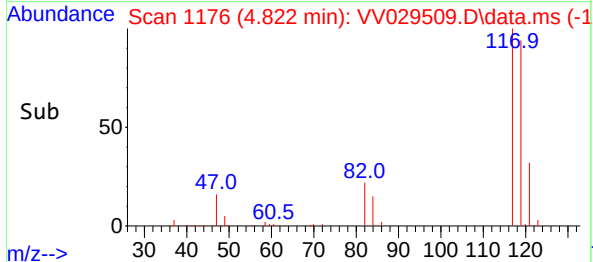
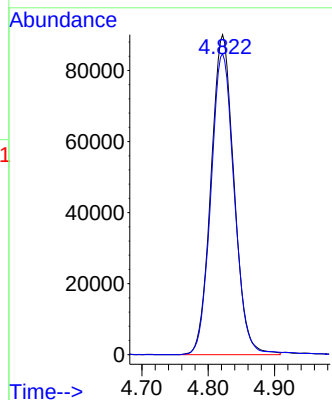
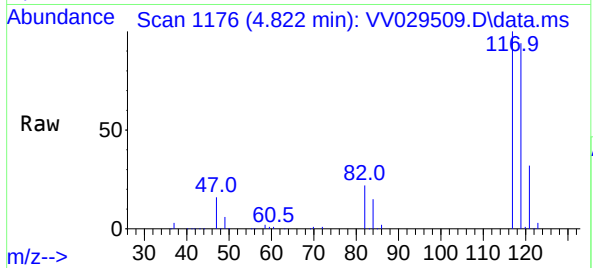




#31
Carbon tetrachloride
Concen: 46.890 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

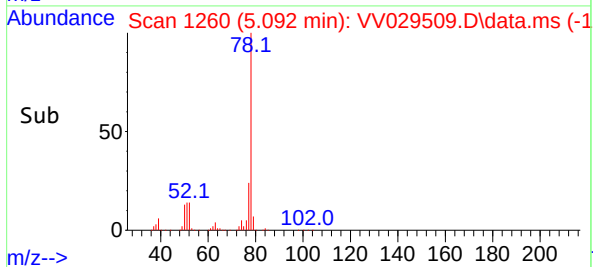
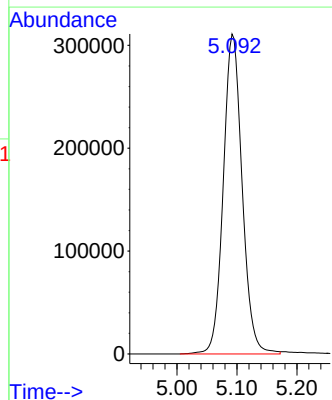
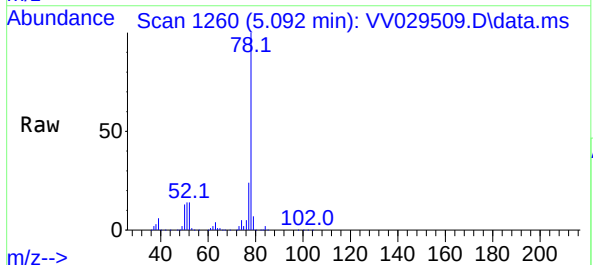
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

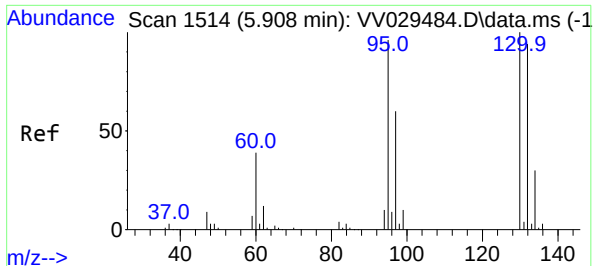
Tgt Ion:117 Resp: 217416
Ion Ratio Lower Upper
117 100
119 94.9 76.7 115.1



#33
Benzene
Concen: 49.323 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Tgt Ion: 78 Resp: 677552

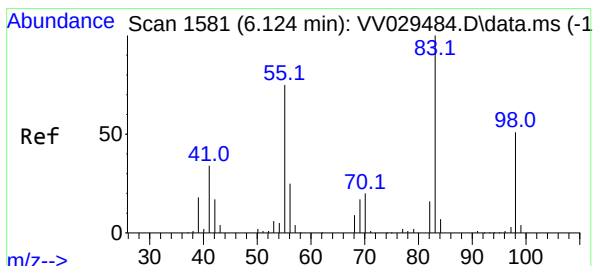
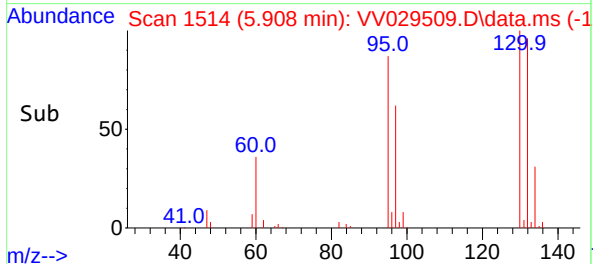
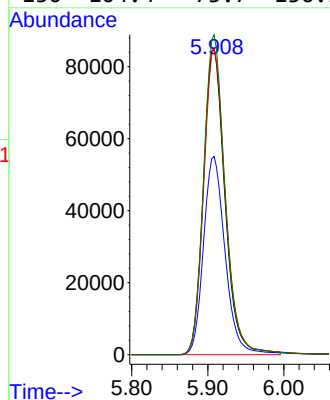
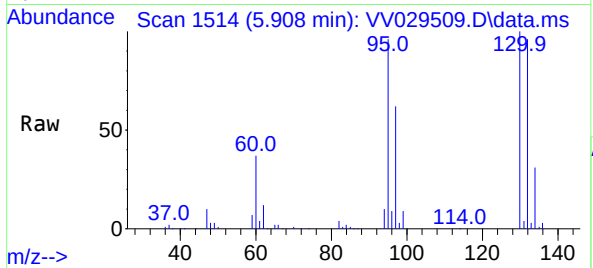




#34
Trichloroethene
Concen: 48.680 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

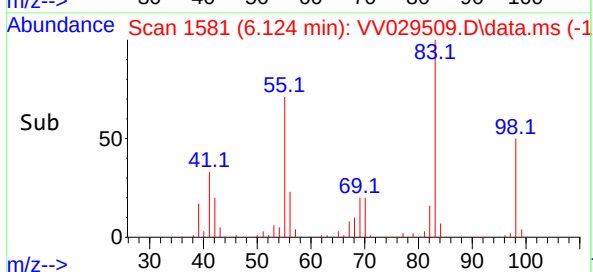
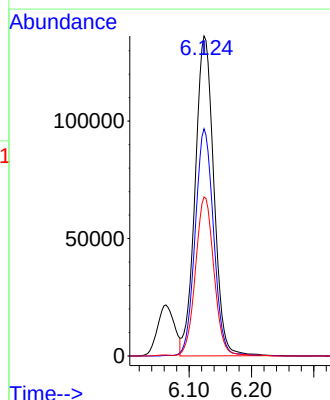
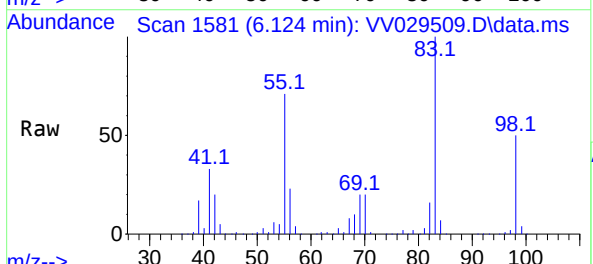
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

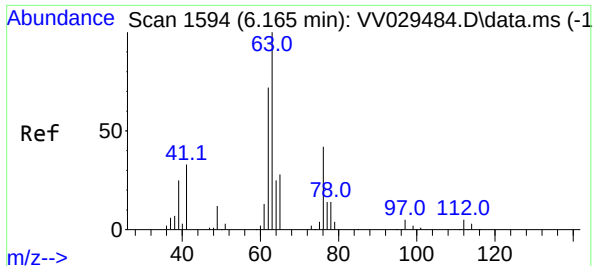
Tgt Ion: 95 Resp: 167571
Ion Ratio Lower Upper
95 100
97 64.7 44.0 81.8
132 99.8 69.9 129.9
130 104.4 73.7 136.9



#35
Methylcyclohexane
Concen: 48.457 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Tgt Ion: 83 Resp: 283301
Ion Ratio Lower Upper
83 100
55 69.6 55.5 83.3
98 48.8 39.8 59.8





#37

1,2-Dichloropropane

Concen: 48.847 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029509.D

Acq: 09 Dec 2022 05:33

Instrument :

MSVOA_V

ClientSampleId :

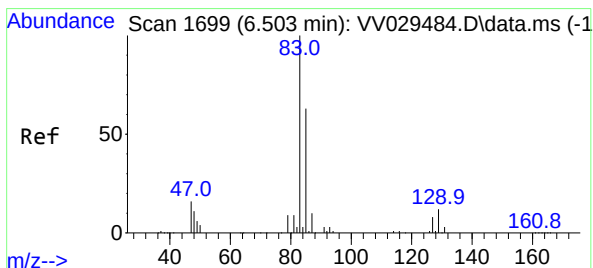
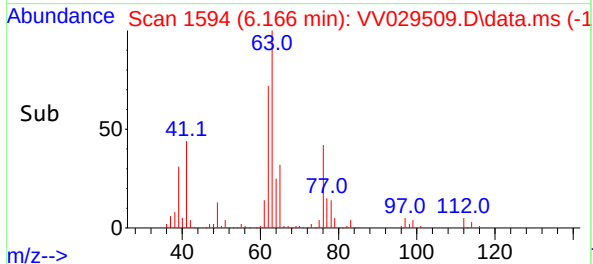
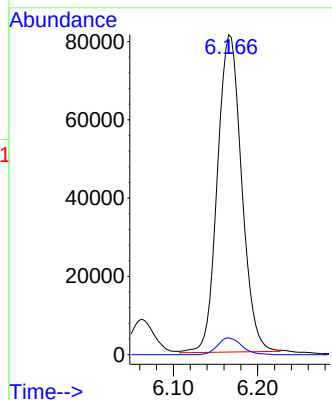
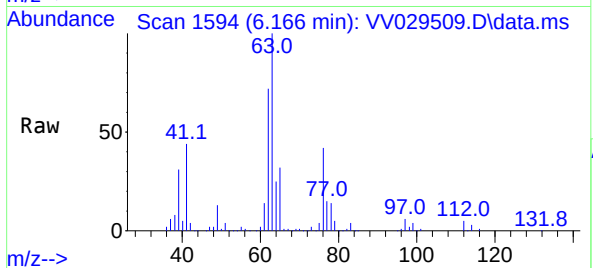
VSTD050378

Tgt Ion: 63 Resp: 161956

Ion Ratio Lower Upper

63 100

112 5.3 3.9 5.9



#38

Bromodichloromethane

Concen: 46.999 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VV029509.D

Acq: 09 Dec 2022 05:33

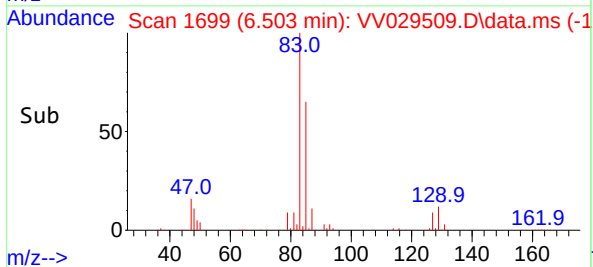
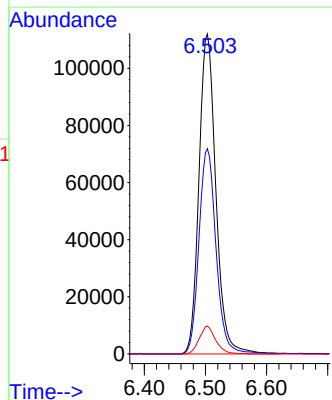
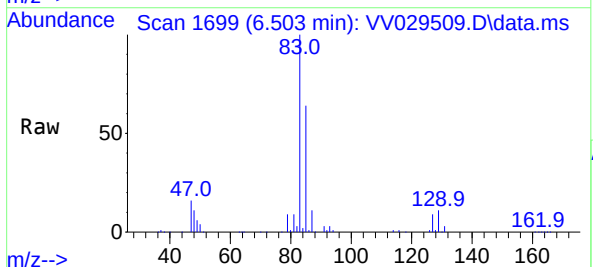
Tgt Ion: 83 Resp: 215116

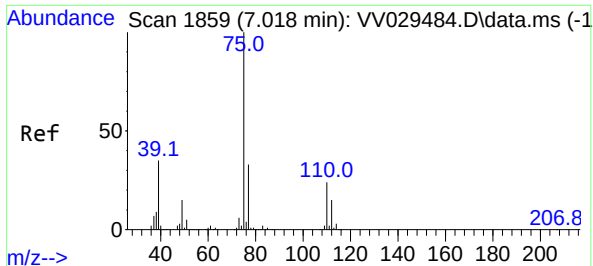
Ion Ratio Lower Upper

83 100

85 64.2 45.3 84.1

127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 39.371 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VV029509.D

Acq: 09 Dec 2022 05:33

Instrument :

MSVOA_V

ClientSampleId :

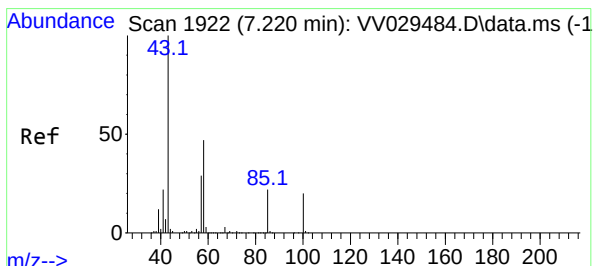
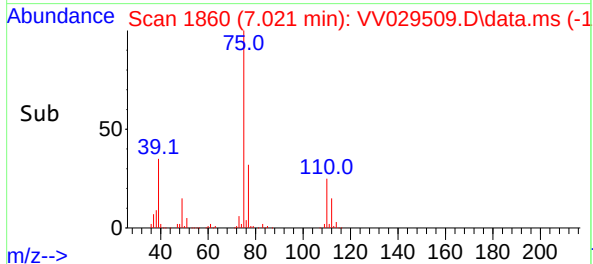
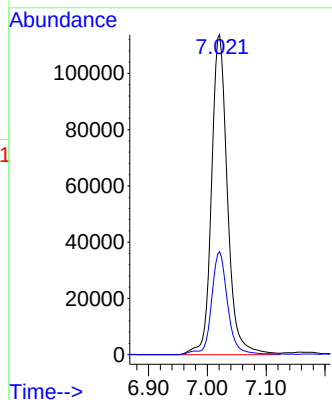
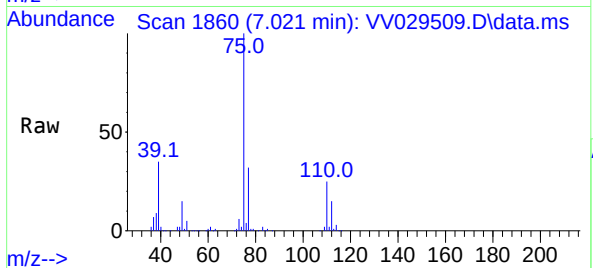
VSTD050378

Tgt Ion: 75 Resp: 214686

Ion Ratio Lower Upper

75 100

77 32.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 108.514 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV029509.D

Acq: 09 Dec 2022 05:33

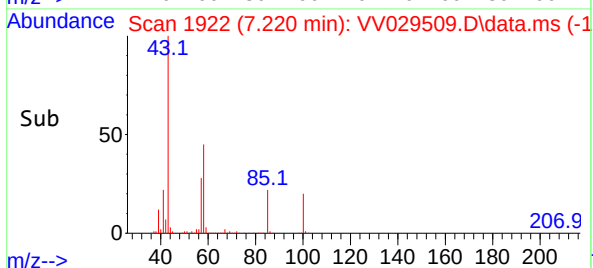
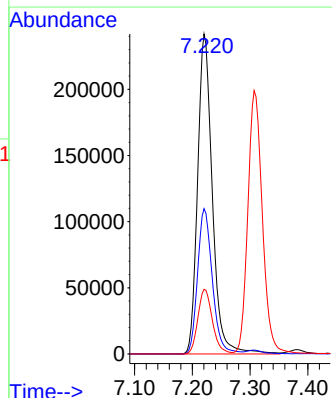
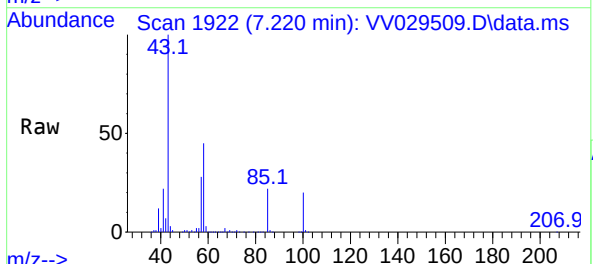
Tgt Ion: 43 Resp: 428972

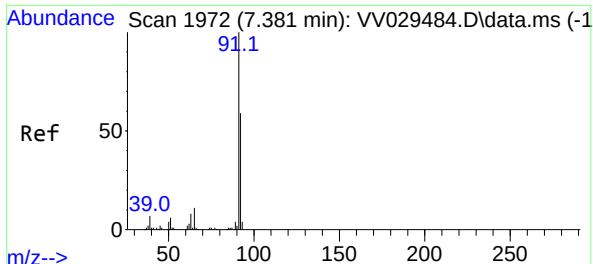
Ion Ratio Lower Upper

43 100

58 45.4 37.5 56.3

100 19.9 16.7 25.1





#42

Toluene

Concen: 48.882 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VV029509.D

Acq: 09 Dec 2022 05:33

Instrument :

MSVOA_V

ClientSampleId :

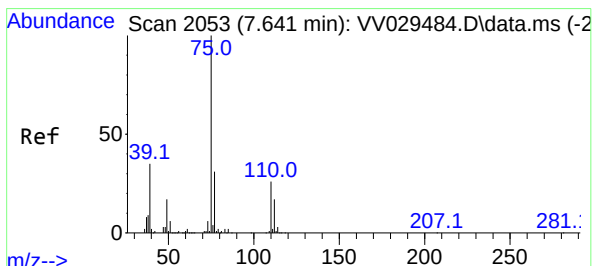
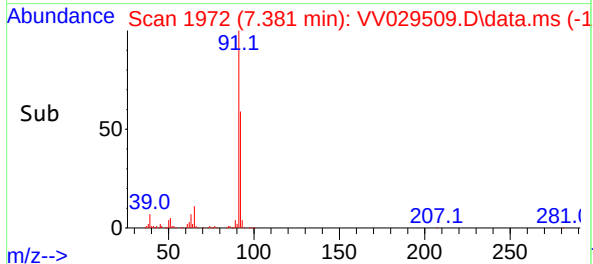
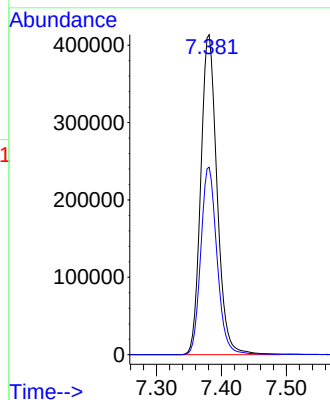
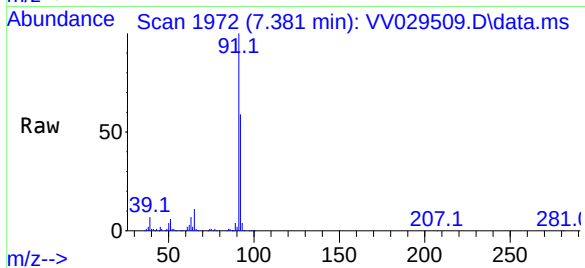
VSTD050378

Tgt Ion: 91 Resp: 722759

Ion Ratio Lower Upper

91 100

92 58.6 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 40.019 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.003 min

Lab File: VV029509.D

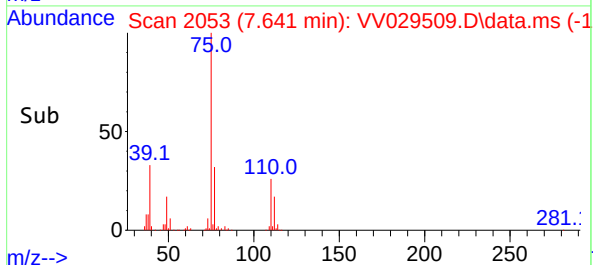
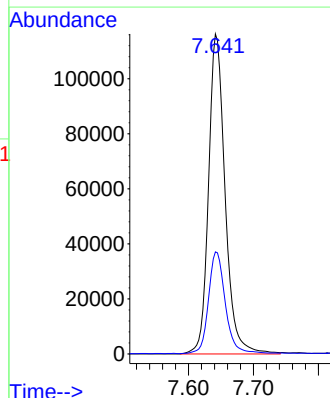
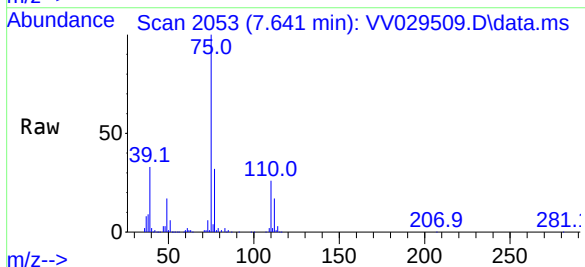
Acq: 09 Dec 2022 05:33

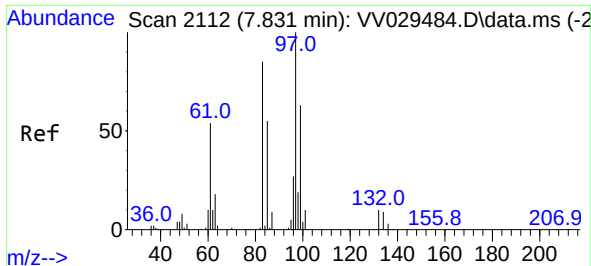
Tgt Ion: 75 Resp: 206653

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



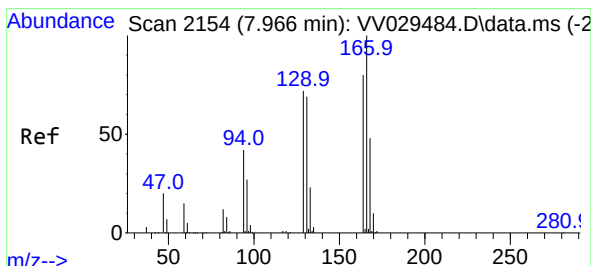
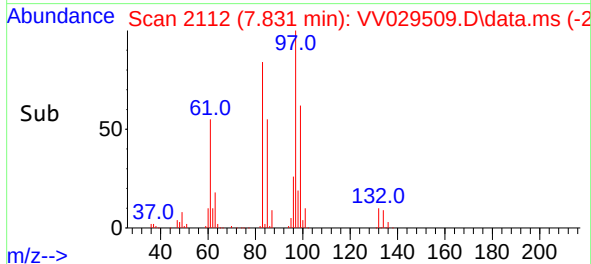
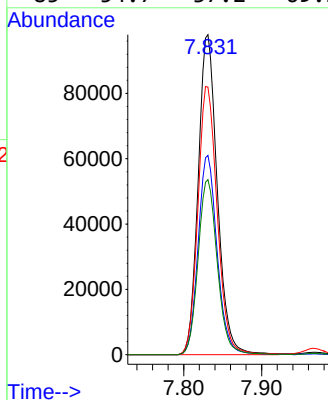
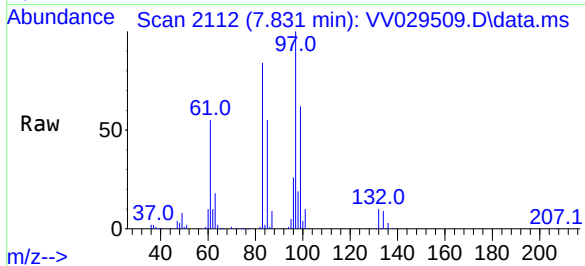


#45
1,1,2-Trichloroethane
Concen: 48.748 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

Tgt Ion: 97 Resp: 166979

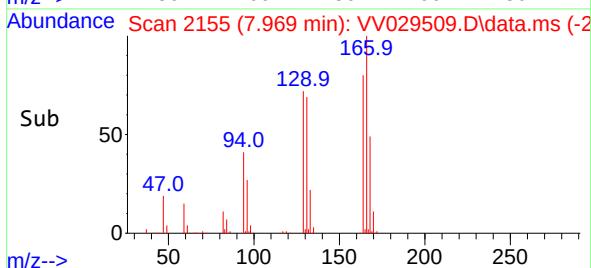
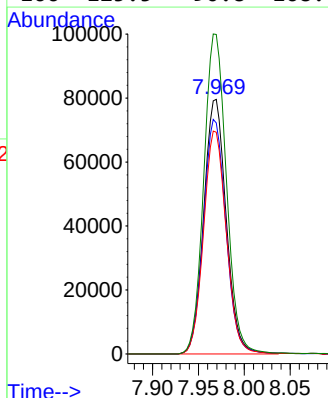
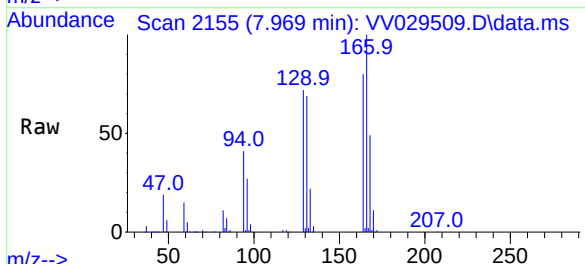
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.8	81.3
83	83.6	58.6	108.8
85	54.7	37.2	69.2

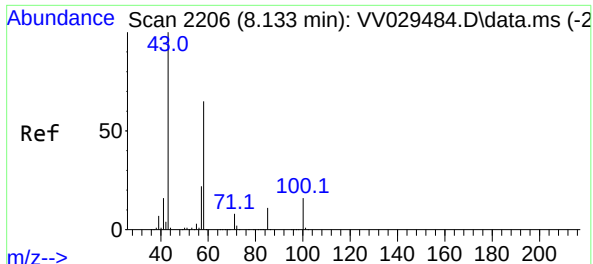


#46
Tetrachloroethene
Concen: 49.028 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Tgt Ion: 164 Resp: 135690

Ion	Ratio	Lower	Upper
164	100		
129	90.8	65.3	121.3
131	87.1	63.1	117.1
166	125.5	90.8	168.6





#48

2-Hexanone

Concen: 106.432 ug/L

RT: 8.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029509.D

Acq: 09 Dec 2022 05:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD050378

Tgt Ion: 43 Resp: 321448

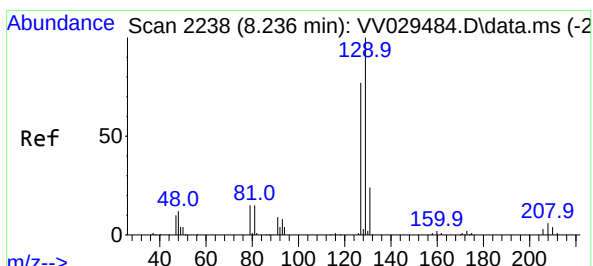
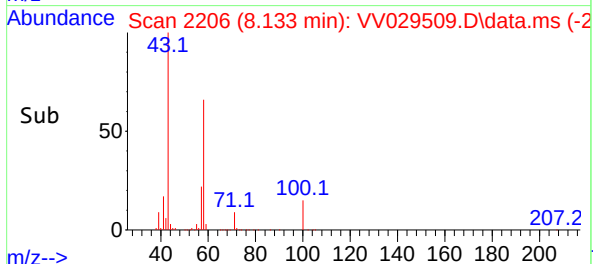
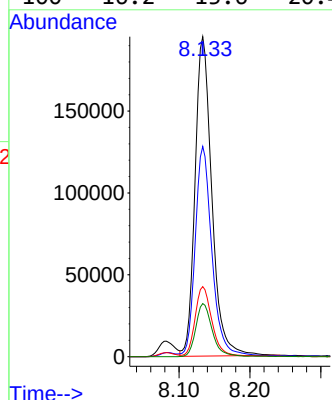
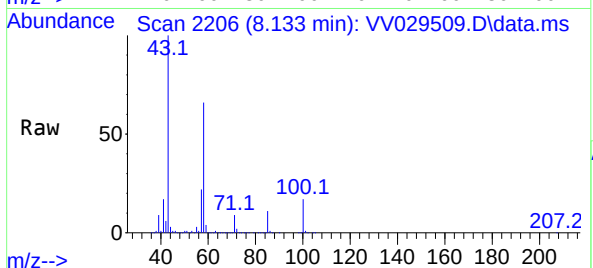
Ion Ratio Lower Upper

43 100

58 64.9 54.1 81.1

57 21.6 17.4 26.0

100 16.2 13.6 20.4



#49

Dibromochloromethane

Concen: 46.373 ug/L

RT: 8.236 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VV029509.D

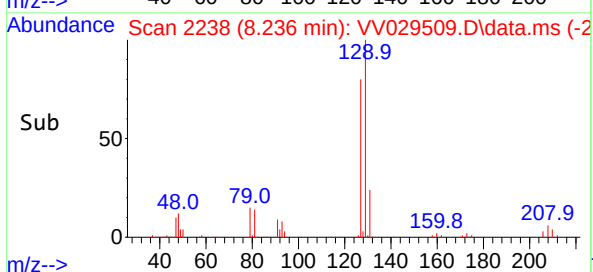
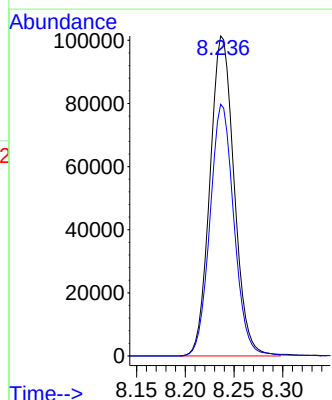
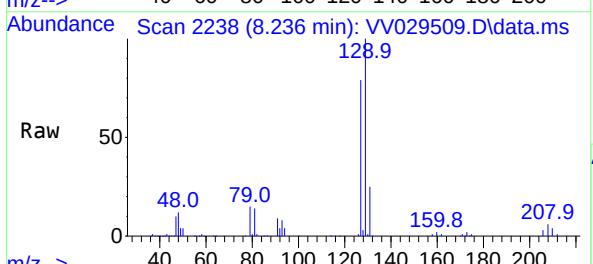
Acq: 09 Dec 2022 05:33

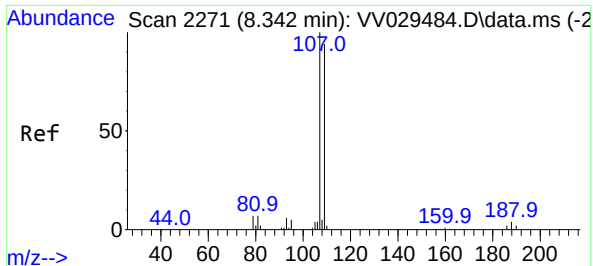
Tgt Ion: 129 Resp: 175375

Ion Ratio Lower Upper

129 100

127 78.6 55.2 102.4





#50

1,2-Dibromoethane

Concen: 47.313 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV029509.D

Acq: 09 Dec 2022 05:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD050378

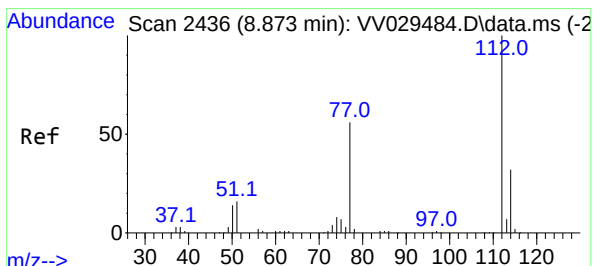
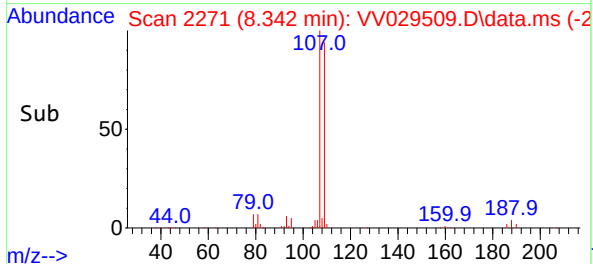
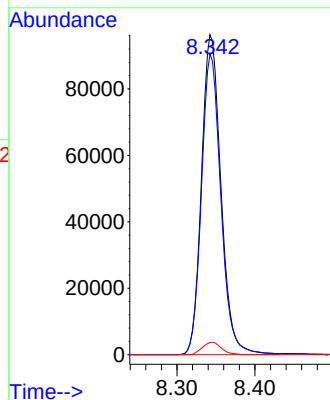
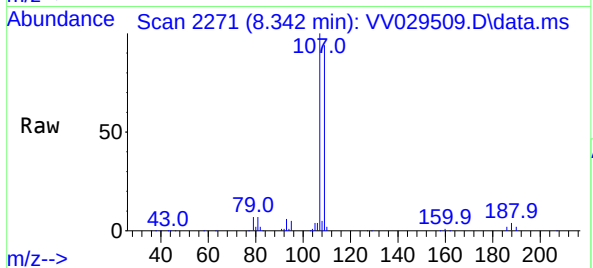
Tgt Ion:107 Resp: 166965

Ion Ratio Lower Upper

107 100

109 94.0 66.0 122.6

188 3.8 3.2 4.8



#51

Chlorobenzene

Concen: 50.155 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.000 min

Lab File: VV029509.D

Acq: 09 Dec 2022 05:33

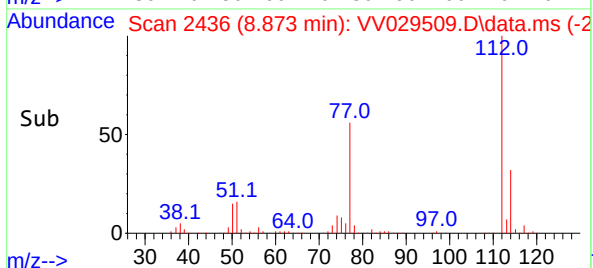
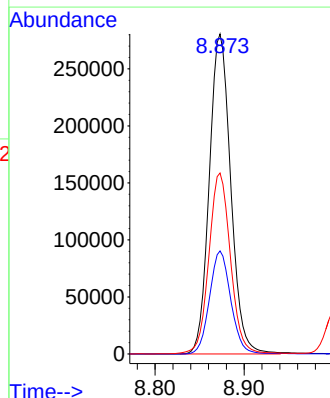
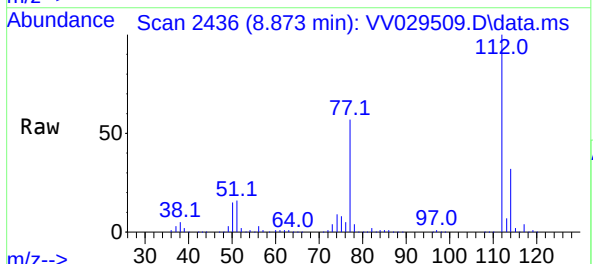
Tgt Ion:112 Resp: 469580

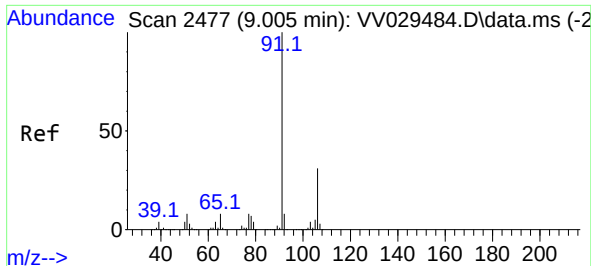
Ion Ratio Lower Upper

112 100

114 32.2 22.3 41.3

77 56.5 45.0 67.4

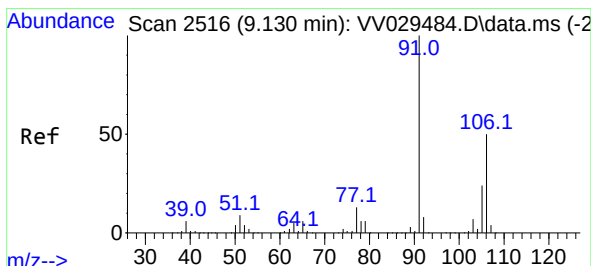
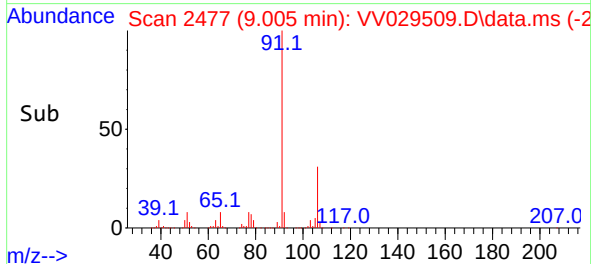
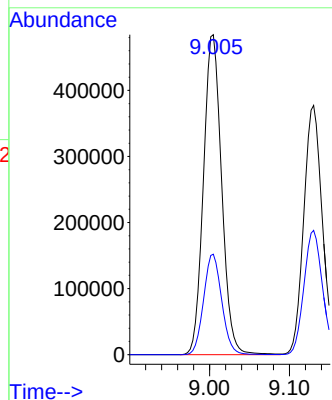
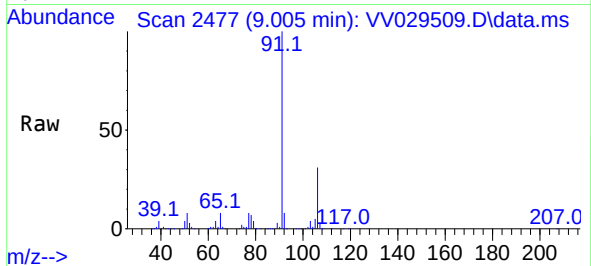




#52
Ethylbenzene
Concen: 49.434 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

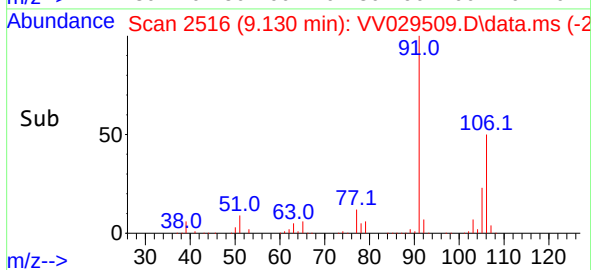
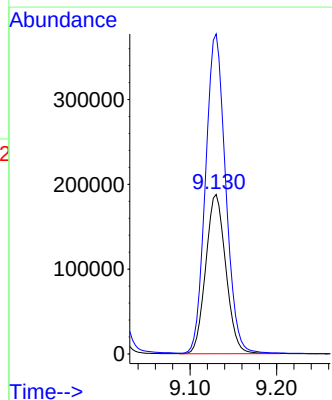
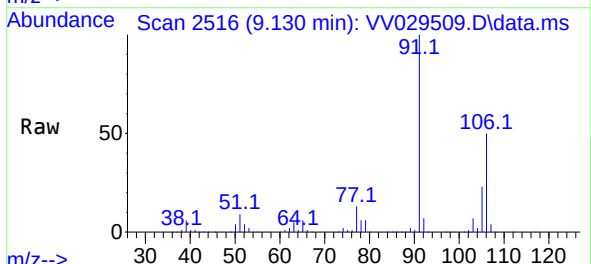
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

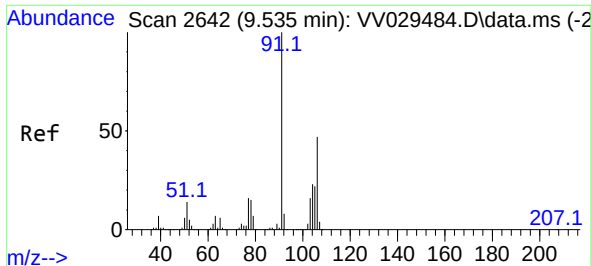
Tgt Ion: 91 Resp: 768443
Ion Ratio Lower Upper
91 100
106 31.4 21.8 40.6



#53
m,p-Xylene
Concen: 49.236 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Tgt Ion: 106 Resp: 302926
Ion Ratio Lower Upper
106 100
91 200.5 139.5 259.1

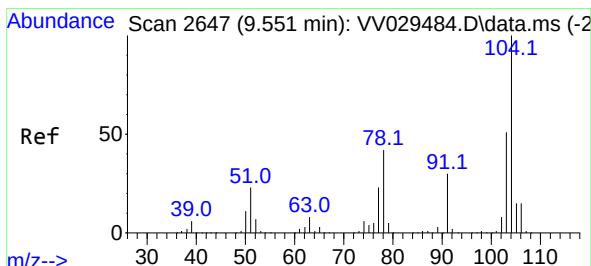
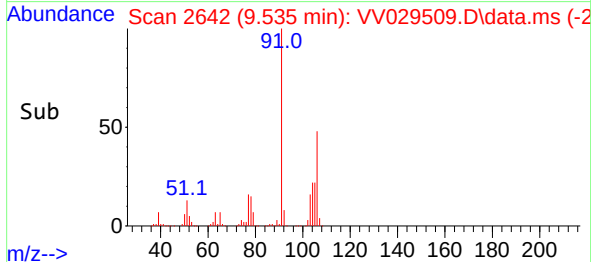
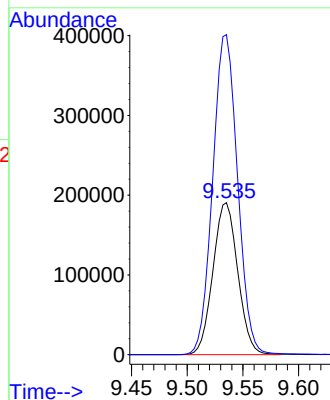
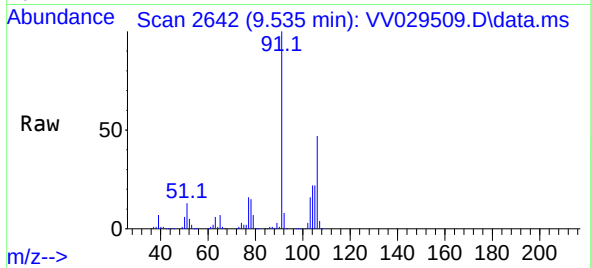




#54
o-Xylene
Concen: 48.578 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

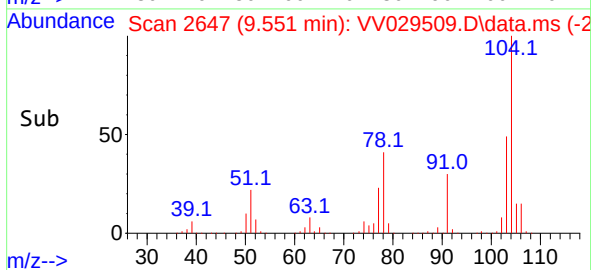
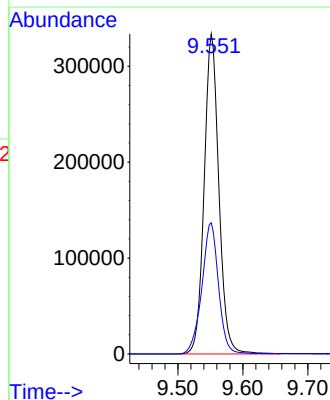
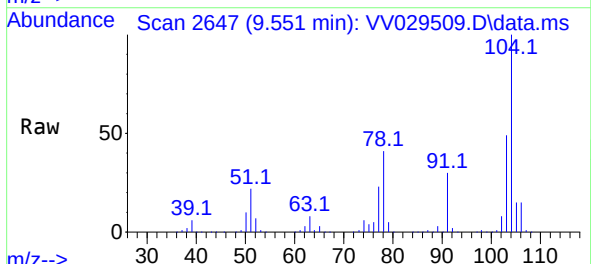
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

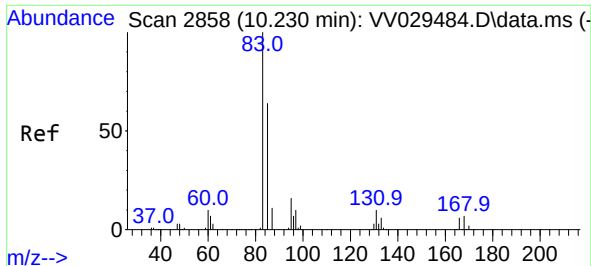
Tgt Ion:106 Resp: 295634
Ion Ratio Lower Upper
106 100
91 210.6 148.0 274.8



#55
Styrene
Concen: 49.800 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Tgt Ion:104 Resp: 526684
Ion Ratio Lower Upper
104 100
78 41.0 29.4 54.6

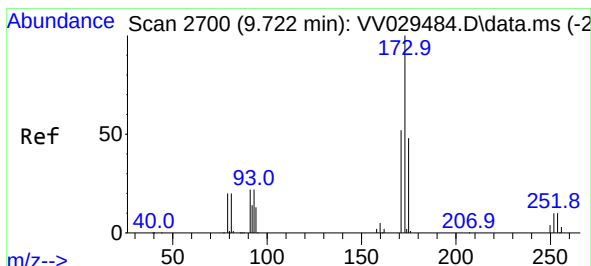
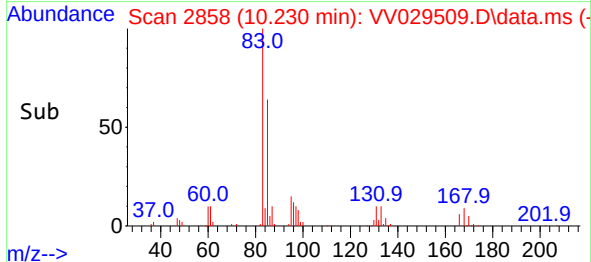
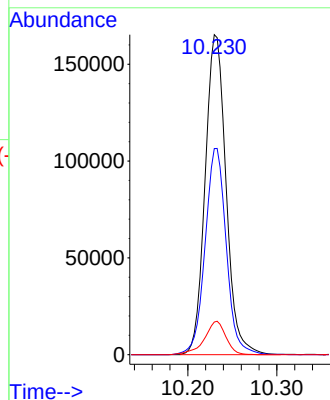
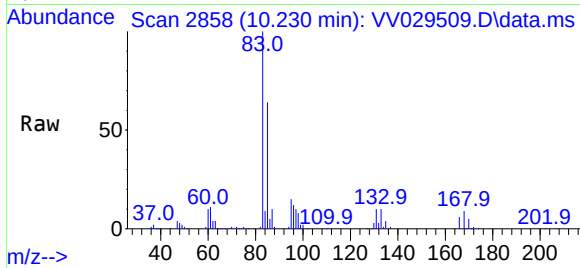




#57
1,1,2,2-Tetrachloroethane
Concen: 49.197 ug/L
RT: 10.230 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

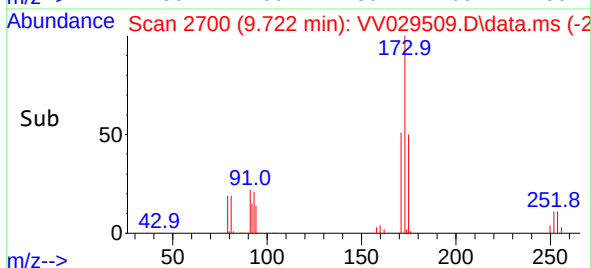
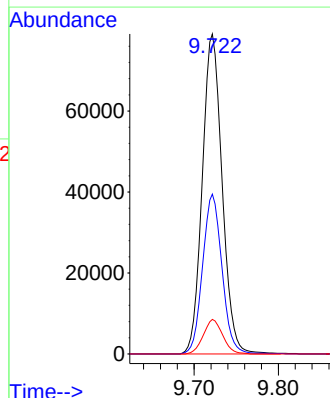
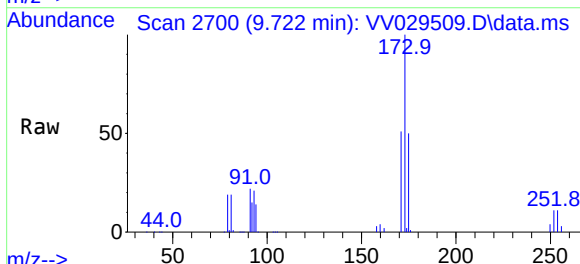
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

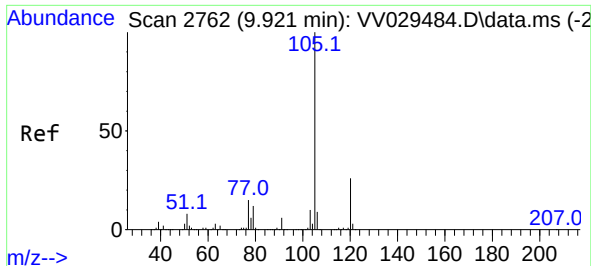
Tgt Ion: 83 Resp: 269564
Ion Ratio Lower Upper
83 100
85 64.4 45.7 84.9
131 10.2 7.9 11.9



#59
Bromoform
Concen: 44.455 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

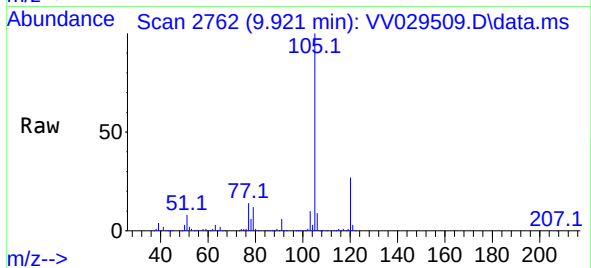
Tgt Ion: 173 Resp: 129823
Ion Ratio Lower Upper
173 100
175 48.7 38.4 57.6
254 10.5 7.8 11.8



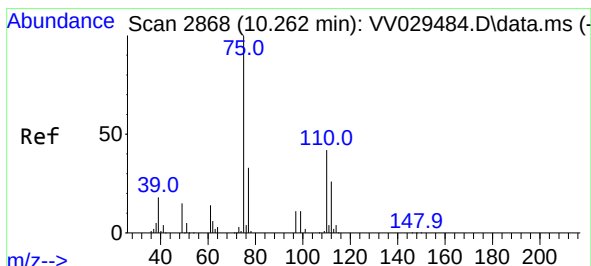
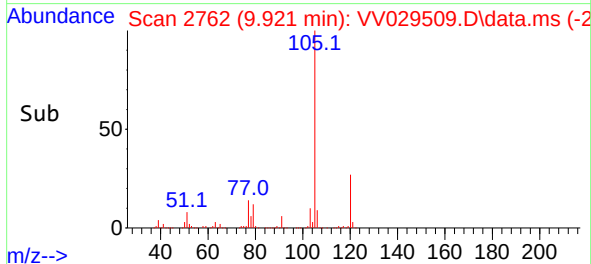
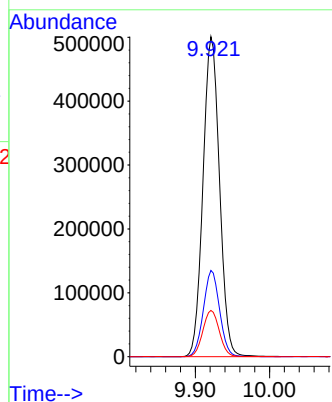


#60
Isopropylbenzene
Concen: 49.784 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

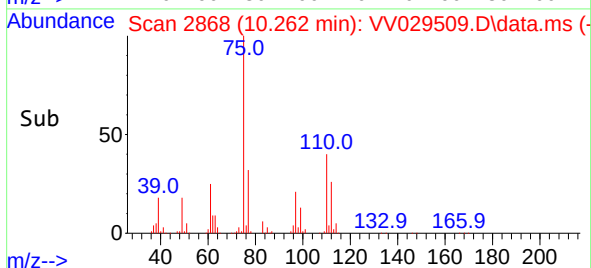
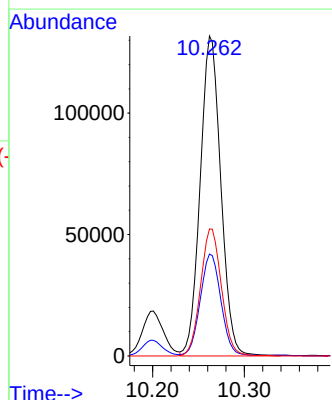
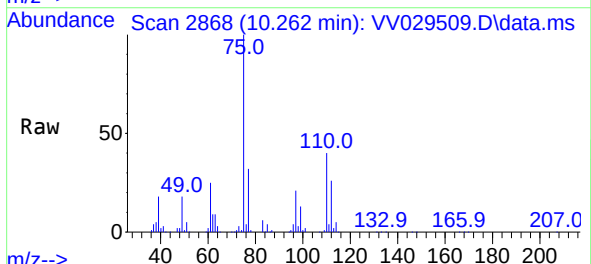


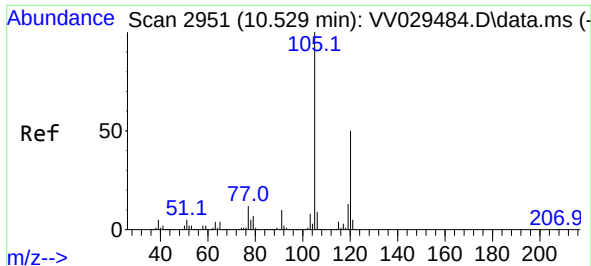
Tgt Ion:105 Resp: 772715
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 14.5 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 50.536 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Tgt Ion: 75 Resp: 206220
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2
110 40.1 32.7 49.1

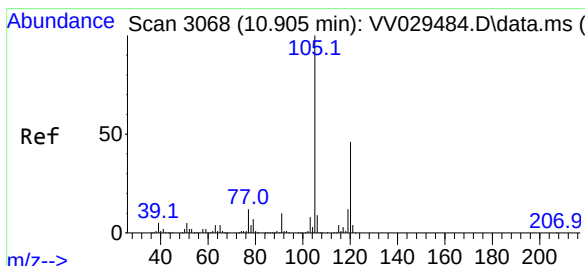
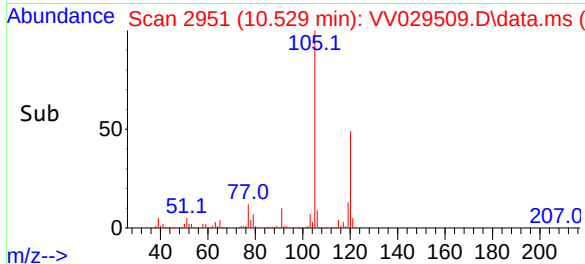
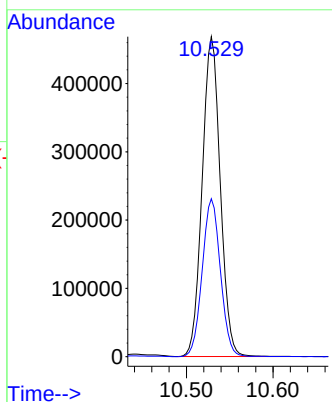
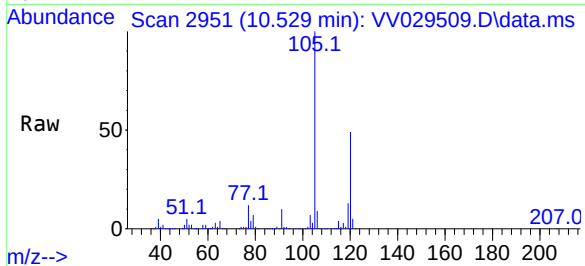




#62
1,3,5-Trimethylbenzene
Concen: 49.399 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

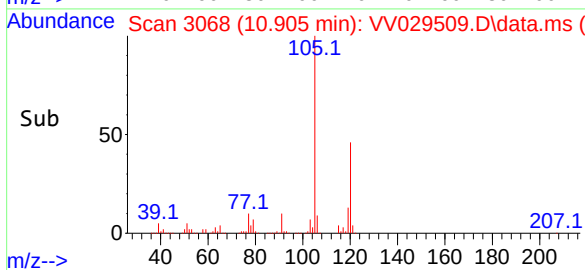
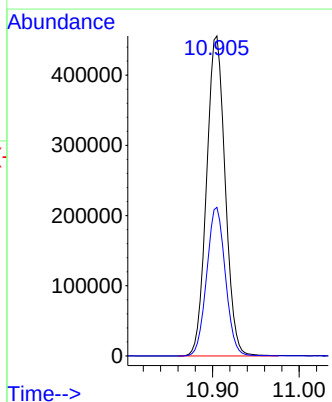
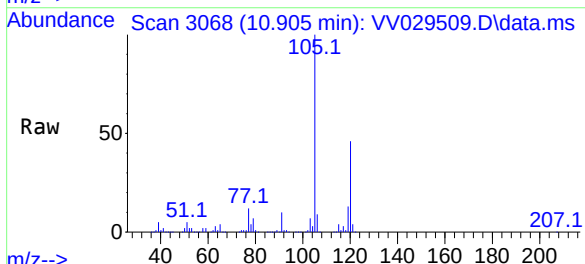
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

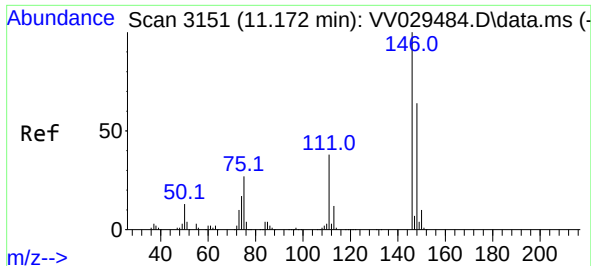
Tgt Ion:105 Resp: 677936
Ion Ratio Lower Upper
105 100
120 49.6 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 50.107 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Tgt Ion:105 Resp: 681637
Ion Ratio Lower Upper
105 100
120 46.6 36.7 55.1

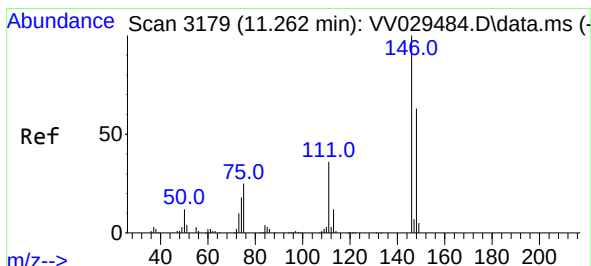
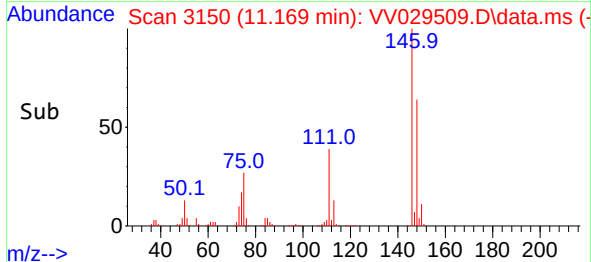
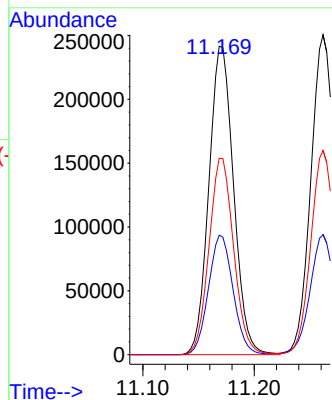
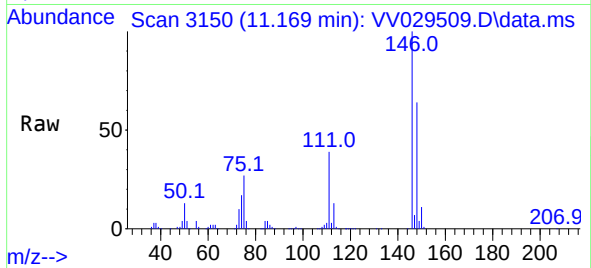




#64
1,3-Dichlorobenzene
Concen: 49.111 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

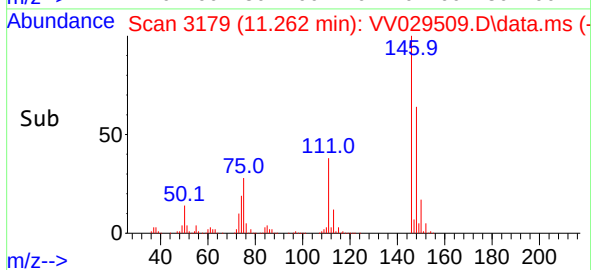
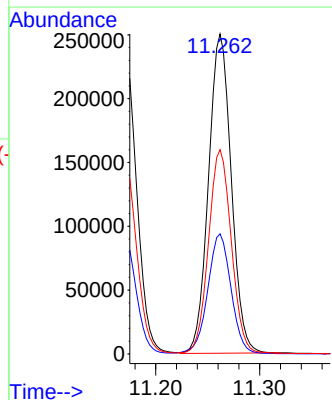
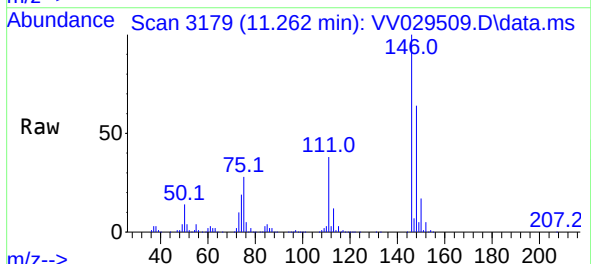
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

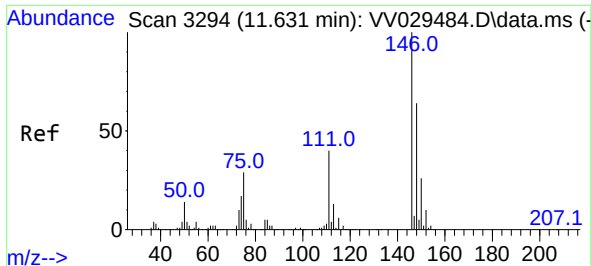
Tgt Ion:146 Resp: 372707
Ion Ratio Lower Upper
146 100
111 38.7 27.4 51.0
148 63.7 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 49.283 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Tgt Ion:146 Resp: 380111
Ion Ratio Lower Upper
146 100
111 37.6 26.2 48.8
148 63.8 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 49.870 ug/L

RT: 11.632 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029509.D

Acq: 09 Dec 2022 05:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD050378

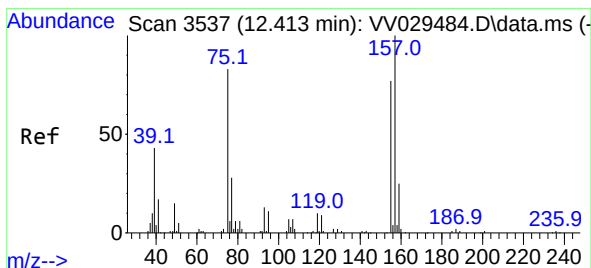
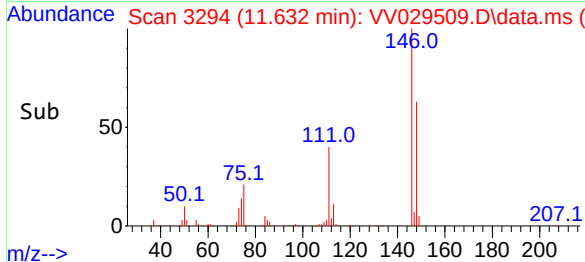
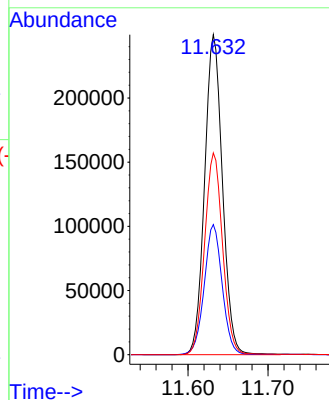
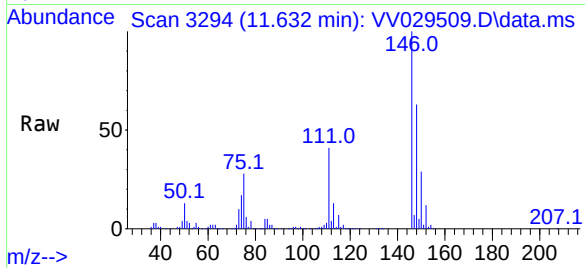
Tgt Ion:146 Resp: 387013

Ion Ratio Lower Upper

146 100

111 40.6 32.0 48.0

148 63.1 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 45.166 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. -0.000 min

Lab File: VV029509.D

Acq: 09 Dec 2022 05:33

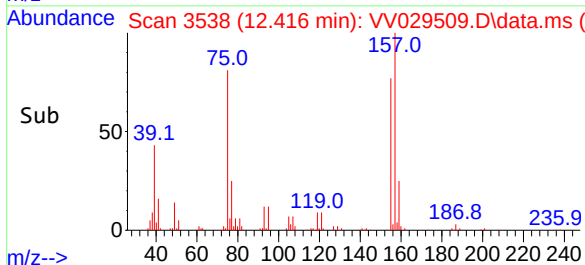
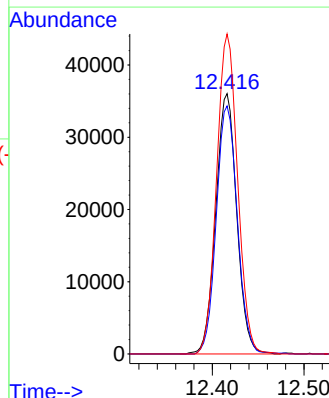
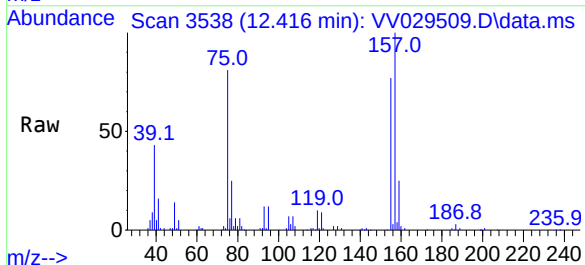
Tgt Ion: 75 Resp: 57284

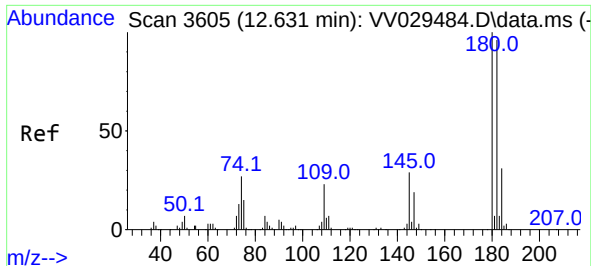
Ion Ratio Lower Upper

75 100

155 95.2 76.2 114.2

157 122.9 96.0 144.0



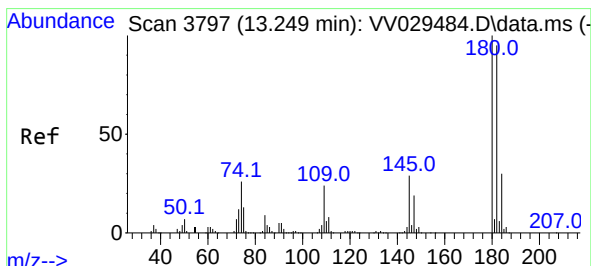
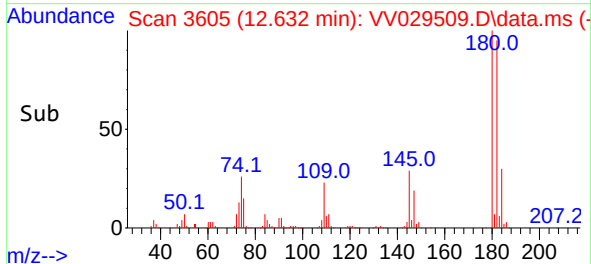
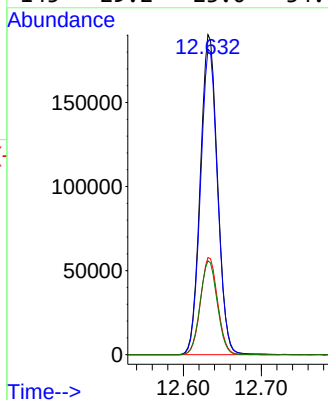
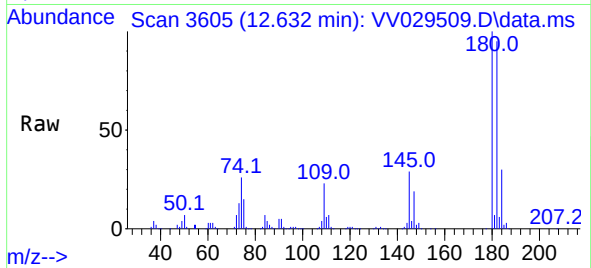


#69
 1,3,5-Trichlorobenzene
 Concen: 48.281 ug/L
 RT: 12.632 min Scan# 3605
 Delta R.T. -0.000 min
 Lab File: VV029509.D
 Acq: 09 Dec 2022 05:33

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050378

Tgt Ion:180 Resp: 291594

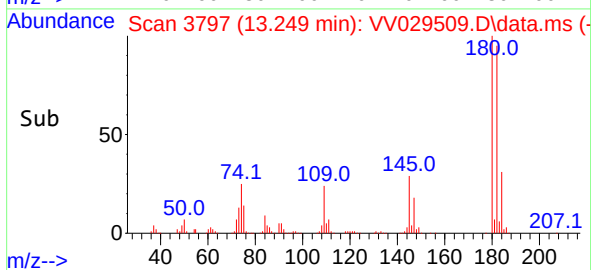
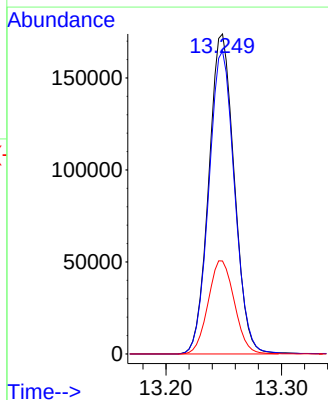
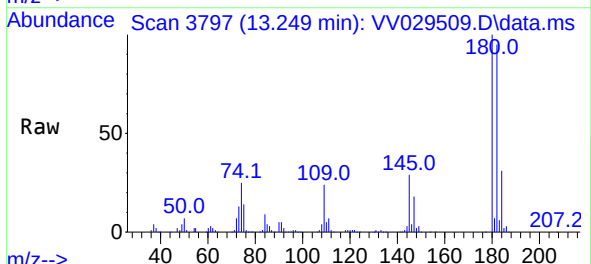
Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.5	114.7
184	30.2	24.6	36.8
145	29.2	23.0	34.6

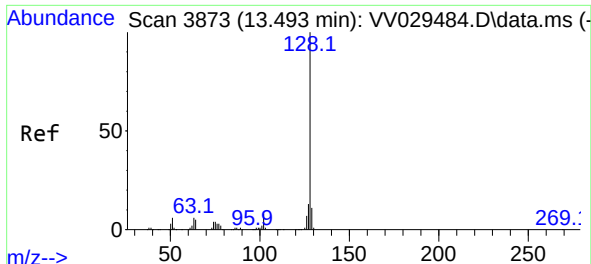


#70
 1,2,4-trichlorobenzene
 Concen: 49.578 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. -0.000 min
 Lab File: VV029509.D
 Acq: 09 Dec 2022 05:33

Tgt Ion:180 Resp: 266260

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.3	114.5
145	30.0	23.7	35.5

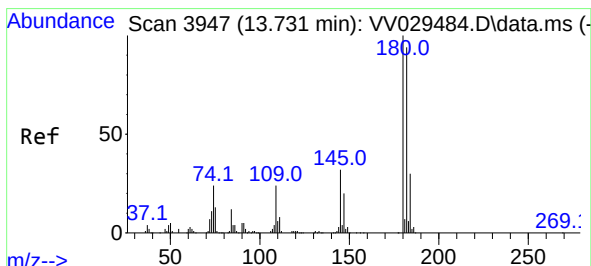
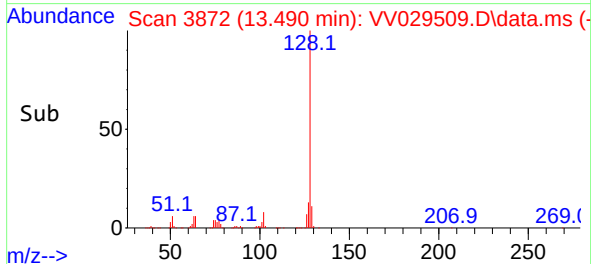
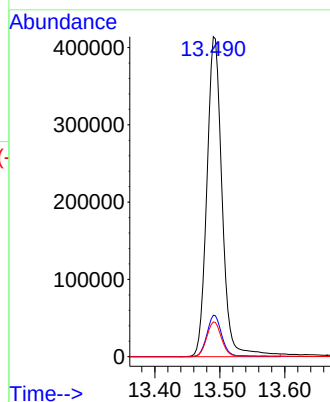
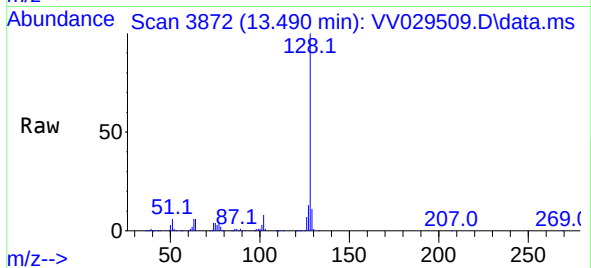




#71
Naphthalene
Concen: 55.531 ug/L
RT: 13.490 min Scan# 3873
Delta R.T. -0.003 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

Tgt Ion:128 Resp: 676470
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 50.338 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV029509.D
Acq: 09 Dec 2022 05:33

Tgt Ion:180 Resp: 264792
Ion Ratio Lower Upper
180 100
182 96.1 76.4 114.6
145 31.4 25.0 37.6

