

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029460.D
 Acq On : 08 Dec 2022 09:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050376

Quant Time: Dec 09 01:58:52 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	5.606	114	595110	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	541100	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	299301	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	133415	36.610	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.220%
7) Chloroethane-d5	1.561	69	112010	40.309	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.620%
11) 1,1-Dichloroethene-d2	2.105	63	246150	43.306	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.620%
21) 2-Butanone-d5	3.863	46	213679	96.119	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.120%
24) Chloroform-d	4.336	84	296916	43.297	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.021	65	171308	43.738	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.480%
32) Benzene-d6	5.040	84	603424	42.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.059	67	184117	42.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.320%
41) Toluene-d8	7.307	98	565997	42.014	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.020%
43) trans-1,3-Dichloroprop...	7.609	79	93680	42.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.960%
47) 2-Hexanone-d5	8.079	63	174650	93.650	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.650%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	261501	41.902	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	238871	41.925	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	221824	47.322	ug/L	100
3) Chloromethane	1.240	50	233461	43.682	ug/L	99
5) Vinyl chloride	1.307	62	212537	47.531	ug/L	99
6) Bromomethane	1.513	94	107410	59.697	ug/L	98
8) Chloroethane	1.577	64	122647	49.258	ug/L	99
9) Trichlorofluoromethane	1.748	101	270332	48.293	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	155759	50.076	ug/L	99
12) 1,1-Dichloroethene	2.114	96	155024	48.734	ug/L	94
13) Acetone	2.153	43	197140	136.127	ug/L	99
14) Carbon disulfide	2.288	76	502486	47.464	ug/L	99
15) Methyl Acetate	2.420	43	167129	50.653	ug/L	99
16) Methylene chloride	2.497	84	192658	48.711	ug/L	97
17) trans-1,2-Dichloroethene	2.751	96	179194	48.890	ug/L	96
18) Methyl tert-butyl Ether	2.761	73	551439	49.106	ug/L	99
19) 1,1-Dichloroethane	3.179	63	308111	49.069	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	199285	49.446	ug/L	95
22) 2-Butanone	3.944	43	276344	119.922	ug/L	98
23) Bromochloromethane	4.233	128	99182	47.790	ug/L	95
25) Chloroform	4.362	83	319472	49.077	ug/L	99

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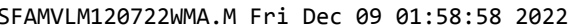
Instrument :
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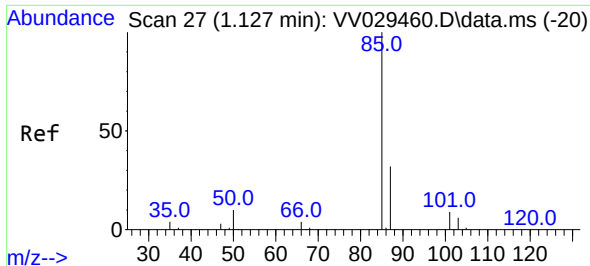
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	223550	48.614	ug/L	99
29) Cyclohexane	4.664	56	297036	50.675	ug/L	96
30) 1,1,1-Trichloroethane	4.596	97	282241	47.876	ug/L	99
31) Carbon tetrachloride	4.815	117	242789	47.161	ug/L	100
33) Benzene	5.088	78	748337	49.065	ug/L	100
34) Trichloroethene	5.902	95	187680	49.106	ug/L	98
35) Methylcyclohexane	6.121	83	326073	50.233	ug/L	98
37) 1,2-Dichloropropane	6.162	63	183325	49.800	ug/L	100
38) Bromodichloromethane	6.497	83	242046	47.630	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	295563	48.819	ug/L	99
40) 4-Methyl-2-pentanone	7.217	43	458563	104.477	ug/L	99
42) Toluene	7.378	91	801401	48.817	ug/L	100
44) trans-1,3-Dichloropropene	7.638	75	273883	47.770	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	184514	48.516	ug/L	100
46) Tetrachloroethene	7.966	164	153137	49.836	ug/L	97
48) 2-Hexanone	8.130	43	370149	110.384	ug/L	97
49) Dibromochloromethane	8.236	129	198007	47.157	ug/L	98
50) 1,2-Dibromoethane	8.342	107	190941	48.733	ug/L	100
51) Chlorobenzene	8.870	112	490843	47.218	ug/L	99
52) Ethylbenzene	9.001	91	826394	47.881	ug/L	100
53) m,p-Xylene	9.127	106	326524	47.800	ug/L	100
54) o-Xylene	9.532	106	317066	46.924	ug/L	98
55) Styrene	9.551	104	565277	48.139	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	285363	46.907	ug/L	99
59) Bromoform	9.718	173	145488	44.004	ug/L	100
60) Isopropylbenzene	9.921	105	834146	47.469	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	215614	46.670	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	747521	48.112	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	749306	48.652	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	417661	48.610	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	417905	47.859	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	416928	47.453	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	63871	44.482	ug/L	99
69) 1,3,5-Trichlorobenzene	12.632	180	334519	48.923	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	303063	49.844	ug/L	100
71) Naphthalene	13.490	128	738931	53.578	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	298397	50.105	ug/L	99

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

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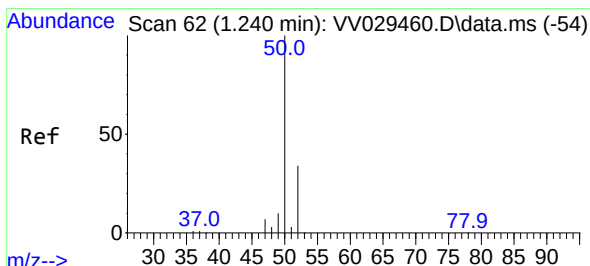
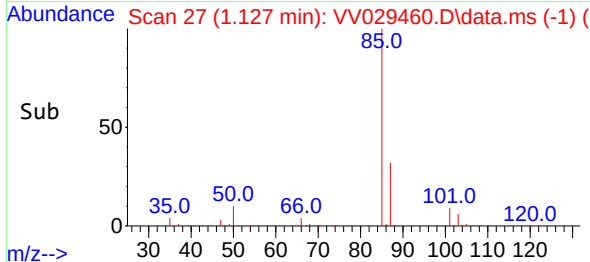
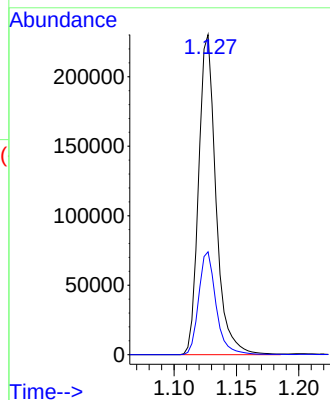
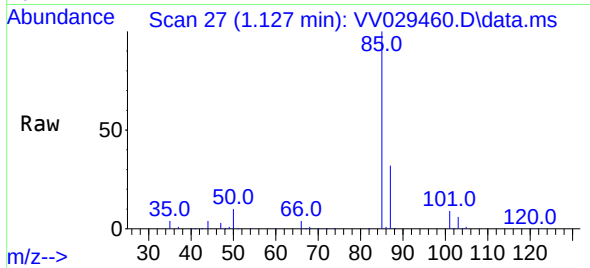




#2
 Dichlorodifluoromethane
 Concen: 47.322 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029460.D
 Acq: 08 Dec 2022 09:55

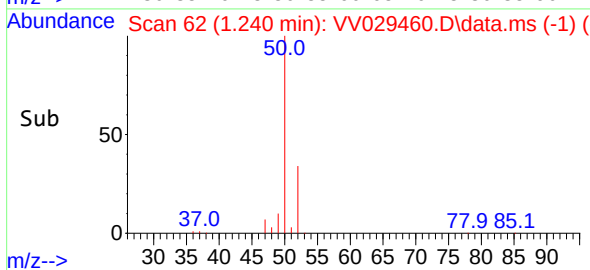
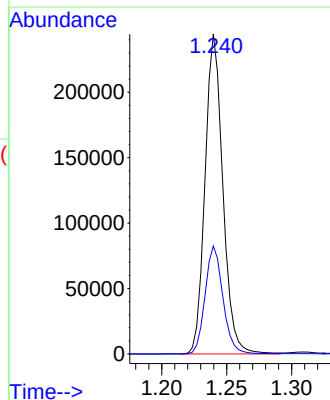
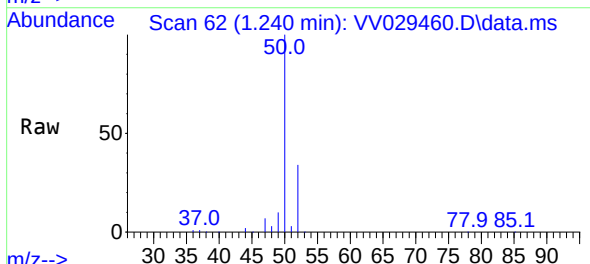
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050376

Tgt Ion: 85 Resp: 221824
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9

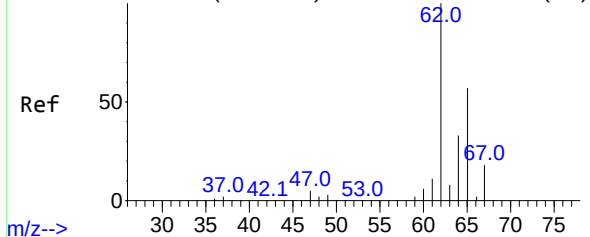


#3
 Chloromethane
 Concen: 43.682 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029460.D
 Acq: 08 Dec 2022 09:55

Tgt Ion: 50 Resp: 233461
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.3 43.3



Abundance Scan 83 (1.307 min): VV029460.D\data.ms (-76)



#5

Vinyl chloride

Concen: 47.531 ug/L

RT: 1.307 min Scan# 81

Delta R.T. -0.000 min

Lab File: VV029460.D

Acq: 08 Dec 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

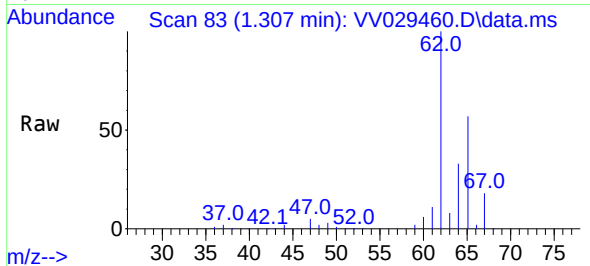
VSTD050376

Tgt Ion: 62 Resp: 212537

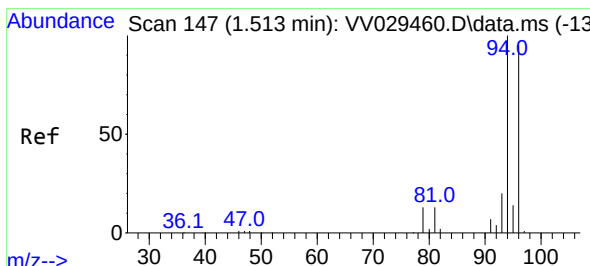
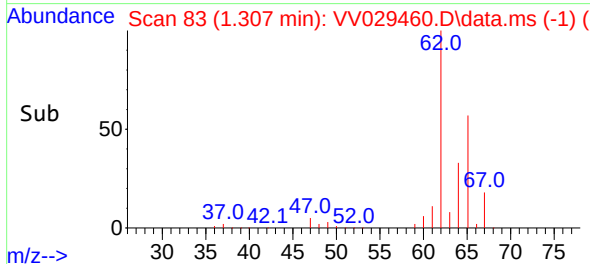
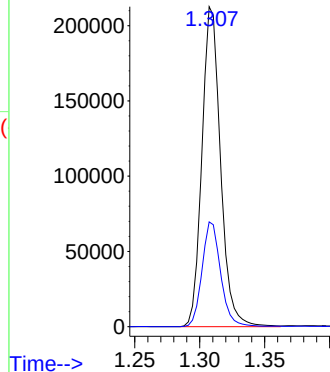
Ion Ratio Lower Upper

62 100

64 32.7 22.5 41.9



Abundance



#6

Bromomethane

Concen: 59.697 ug/L

RT: 1.513 min Scan# 147

Delta R.T. -0.003 min

Lab File: VV029460.D

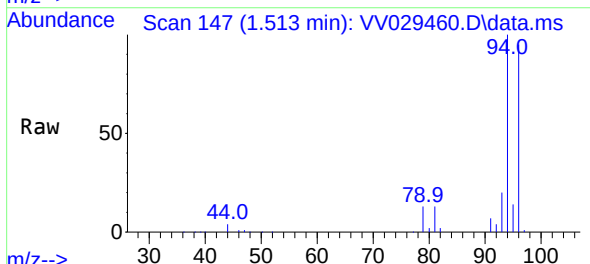
Acq: 08 Dec 2022 09:55

Tgt Ion: 94 Resp: 107410

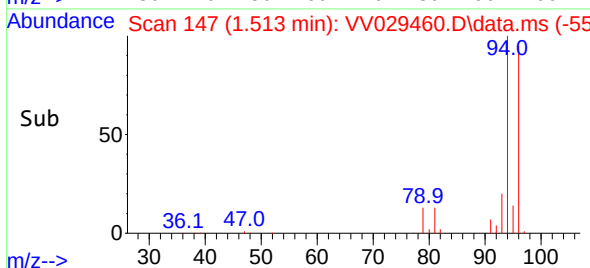
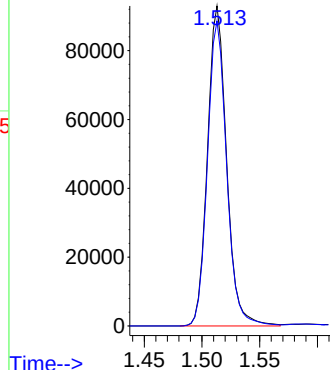
Ion Ratio Lower Upper

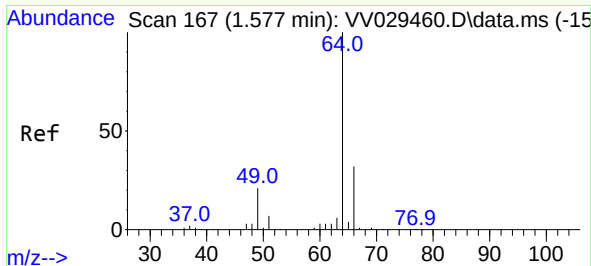
94 100

96 95.3 65.1 120.9



Abundance

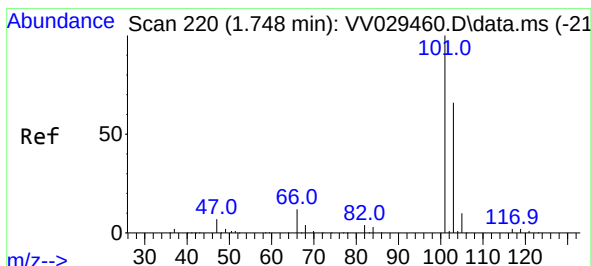
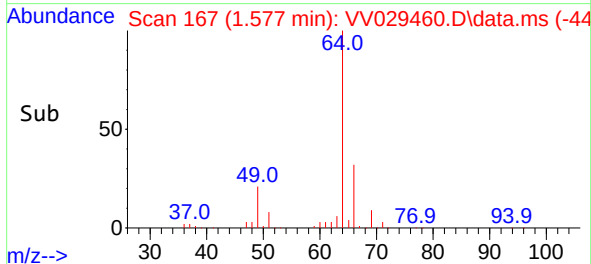
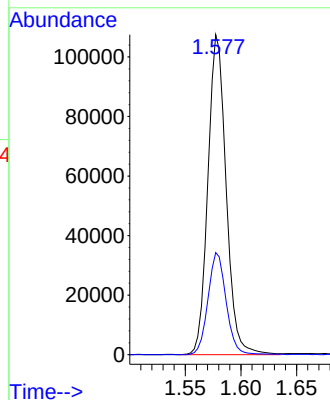
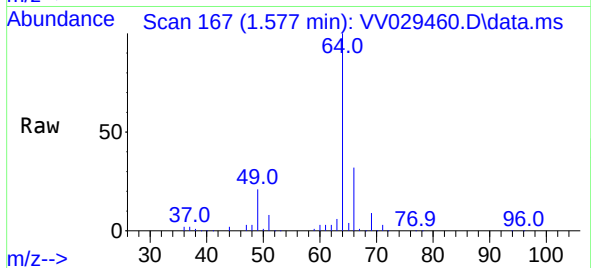




#8
Chloroethane
Concen: 49.258 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

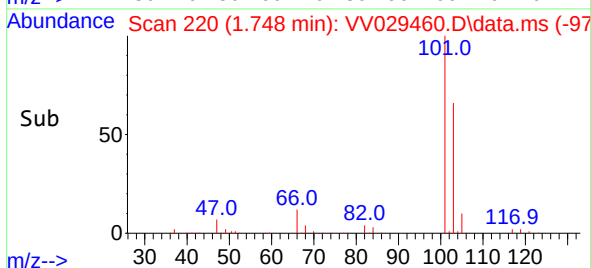
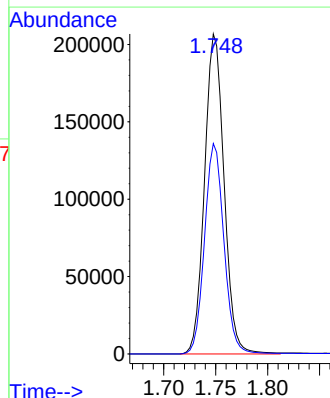
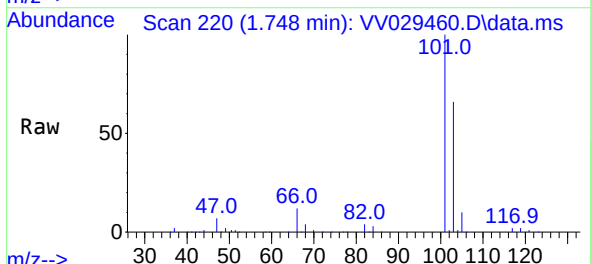
Instrument :
MSVOA_V
ClientSampleId :
VSTD050376

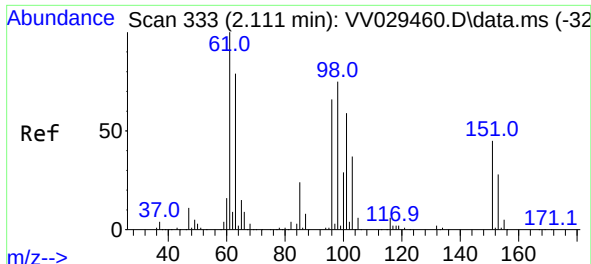
Tgt Ion: 64 Resp: 122647
Ion Ratio Lower Upper
64 100
66 31.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 48.293 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Tgt Ion:101 Resp: 270332
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8

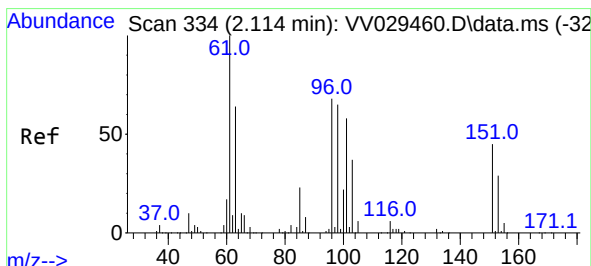
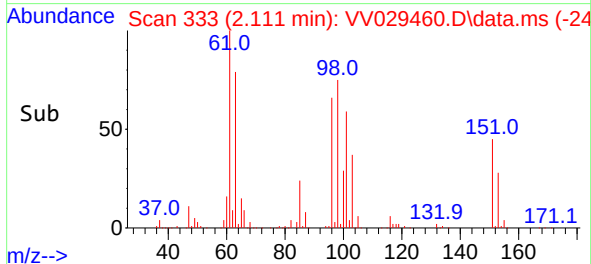
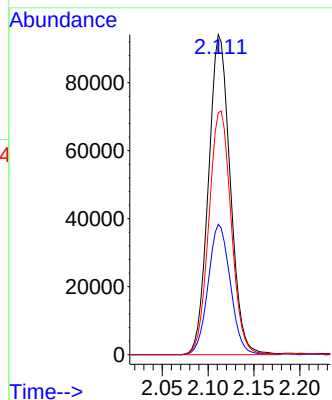
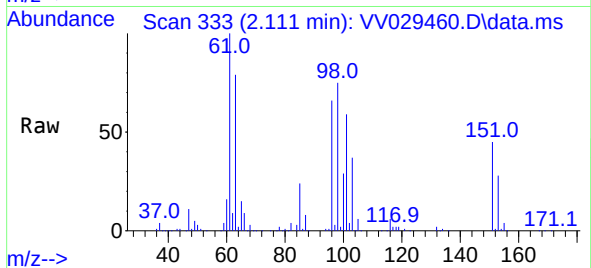




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.076 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV029460.D
 Acq: 08 Dec 2022 09:55

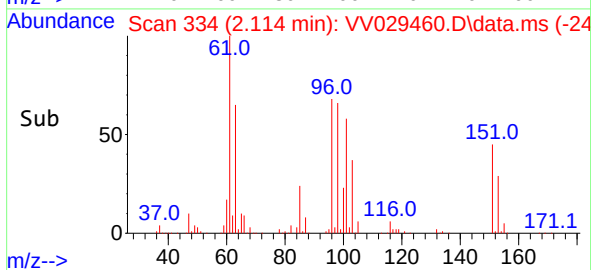
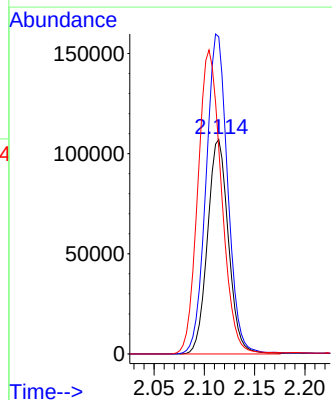
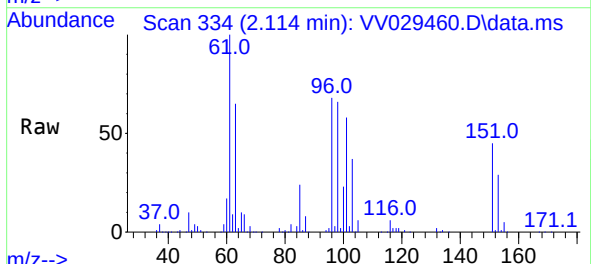
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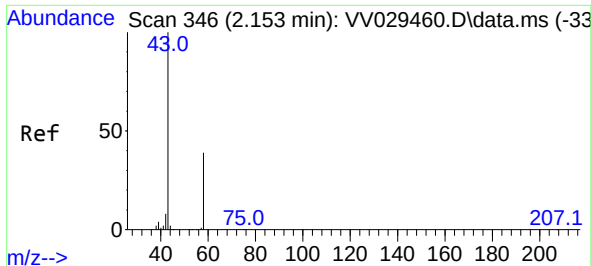
Tgt Ion:101 Resp: 155759
 Ion Ratio Lower Upper
 101 100
 85 41.5 33.6 50.4
 151 78.0 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 48.734 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV029460.D
 Acq: 08 Dec 2022 09:55

Tgt Ion: 96 Resp: 155024
 Ion Ratio Lower Upper
 96 100
 61 147.8 103.3 191.9
 63 96.0 77.3 143.7

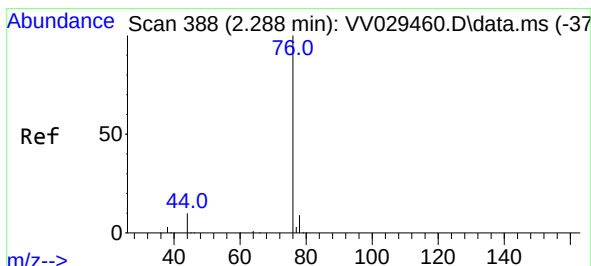
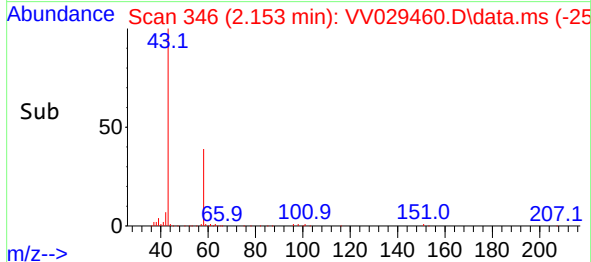
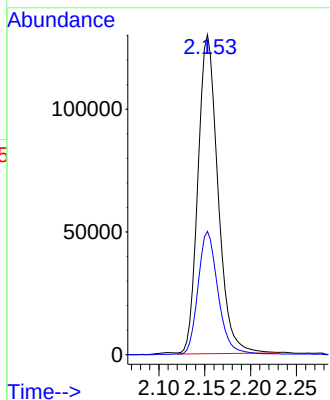
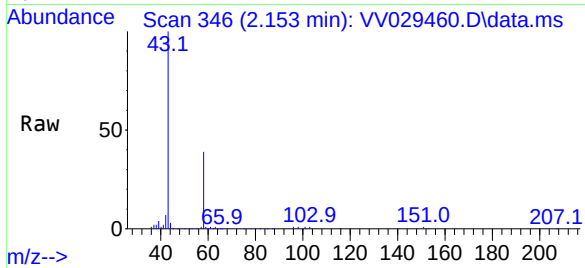




#13
Acetone
Concen: 136.127 ug/L
RT: 2.153 min Scan# 346
Delta R.T. -0.003 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

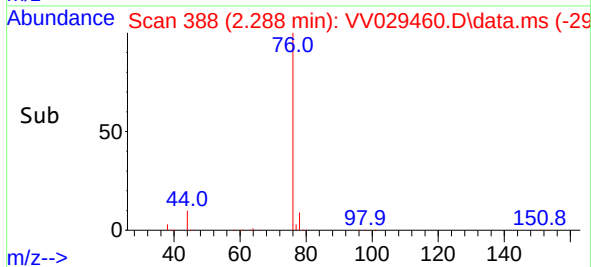
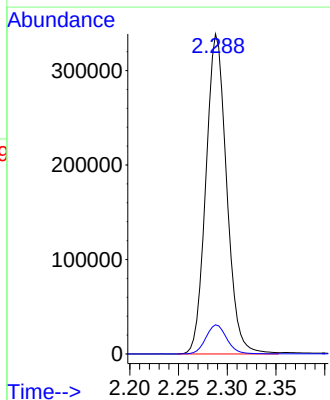
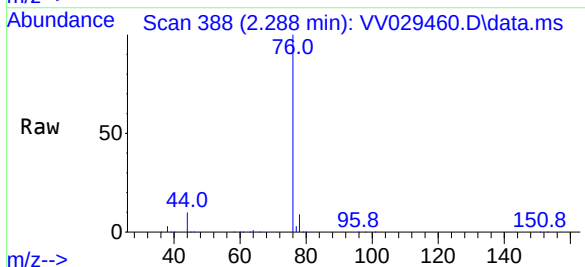
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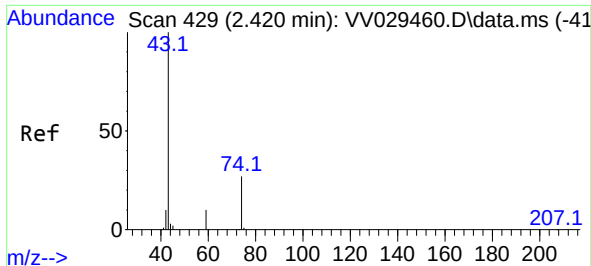
Tgt Ion: 43 Resp: 197140
Ion Ratio Lower Upper
43 100
58 38.2 0.0 74.8



#14
Carbon disulfide
Concen: 47.464 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Tgt Ion: 76 Resp: 502486
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

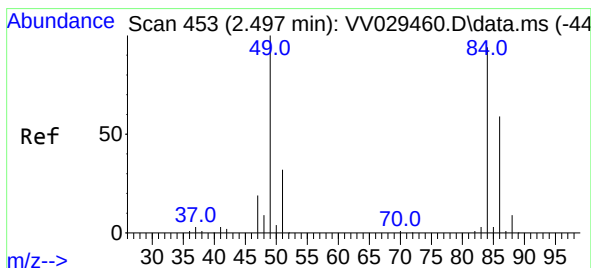
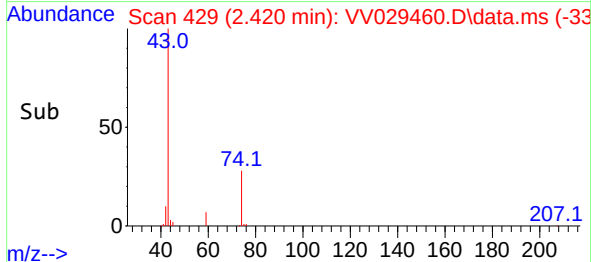
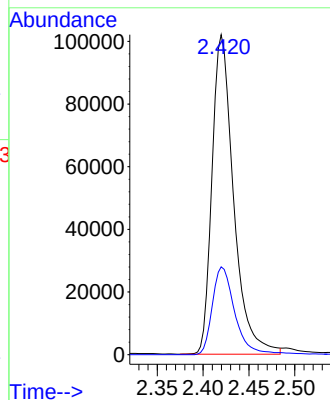
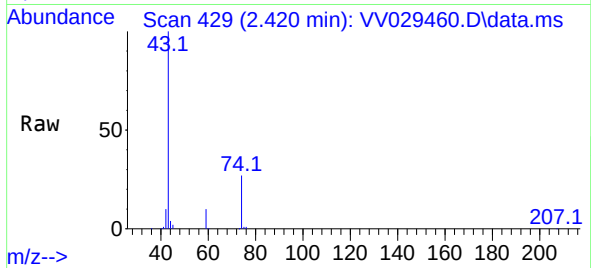




#15
Methyl Acetate
Concen: 50.653 ug/L
RT: 2.420 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

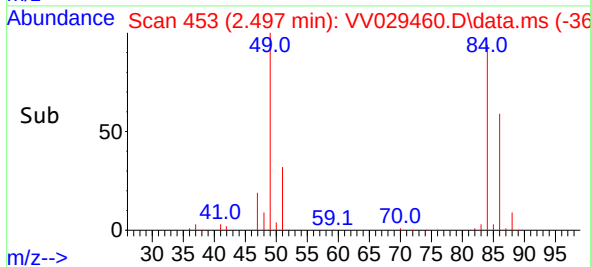
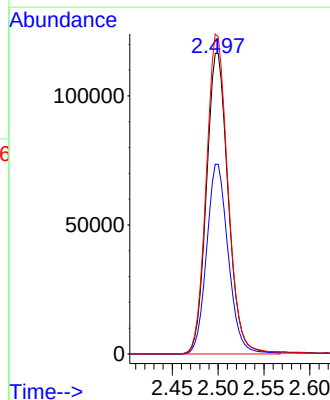
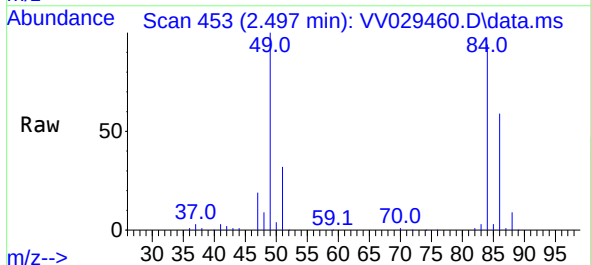
Instrument :
MSVOA_V
ClientSampleId :
VSTD050376

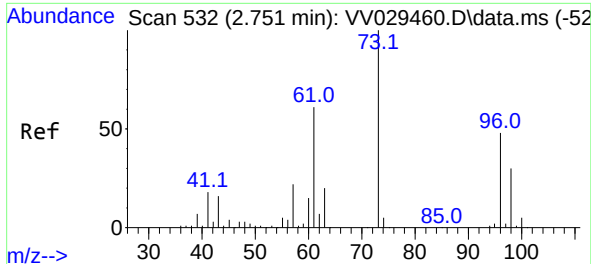
Tgt Ion: 43 Resp: 167129
Ion Ratio Lower Upper
43 100
74 28.9 23.5 35.3



#16
Methylene chloride
Concen: 48.711 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Tgt Ion: 84 Resp: 192658
Ion Ratio Lower Upper
84 100
86 63.1 46.0 85.4
49 106.4 72.2 134.0





#17

trans-1,2-Dichloroethene

Concen: 48.890 ug/L

RT: 2.751 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV029460.D

Acq: 08 Dec 2022 09:55

Instrument :

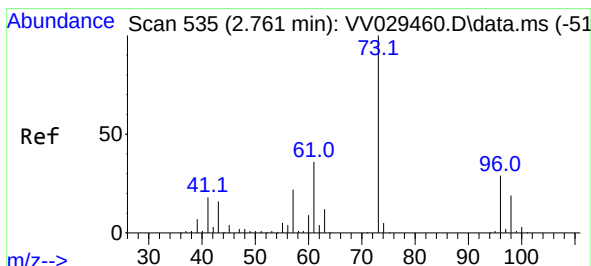
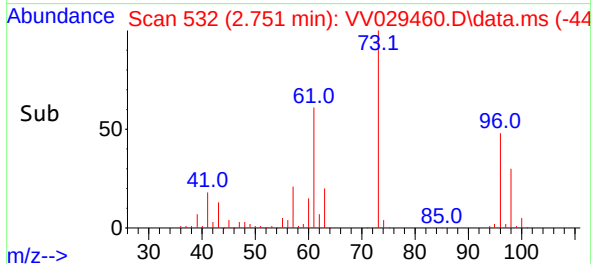
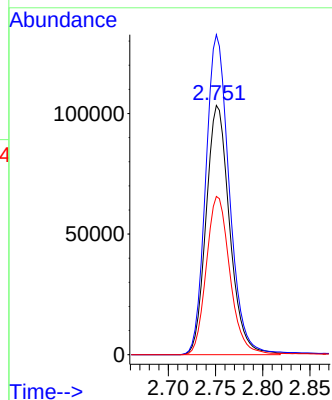
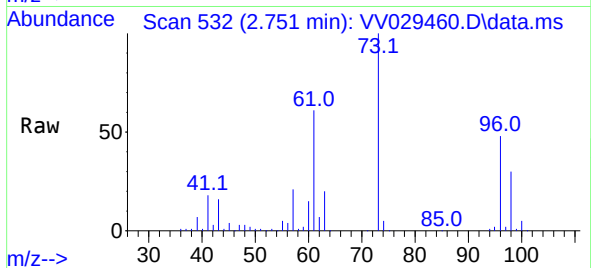
MSVOA_V

ClientSampleId :

VSTD050376

Tgt Ion: 96 Resp: 179194

Ion	Ratio	Lower	Upper
96	100		
61	128.3	86.4	160.4
98	63.5	43.4	80.6



#18

Methyl tert-butyl Ether

Concen: 49.106 ug/L

RT: 2.761 min Scan# 535

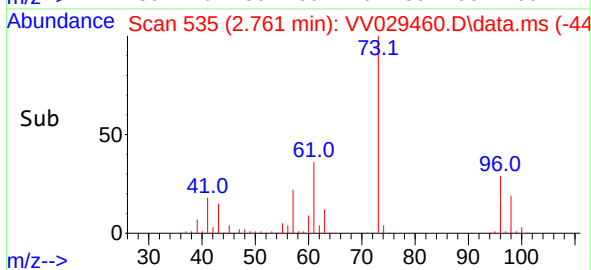
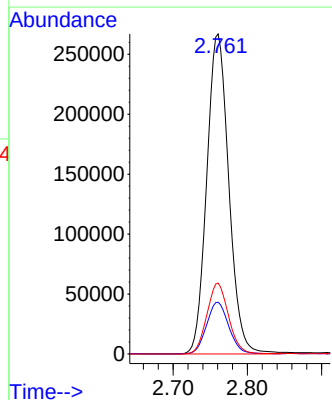
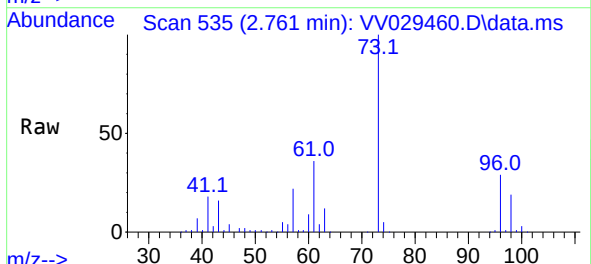
Delta R.T. -0.003 min

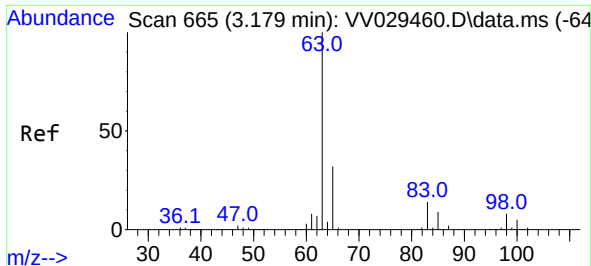
Lab File: VV029460.D

Acq: 08 Dec 2022 09:55

Tgt Ion: 73 Resp: 551439

Ion	Ratio	Lower	Upper
73	100		
43	16.2	12.7	19.1
57	21.8	16.7	25.1

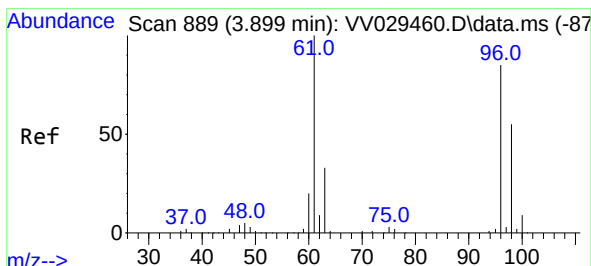
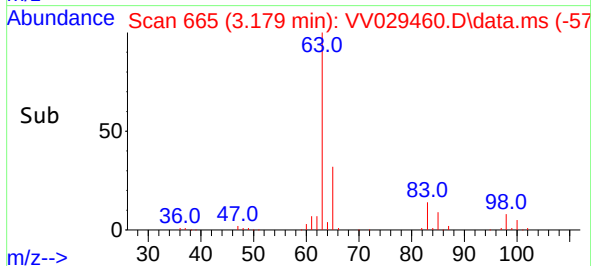
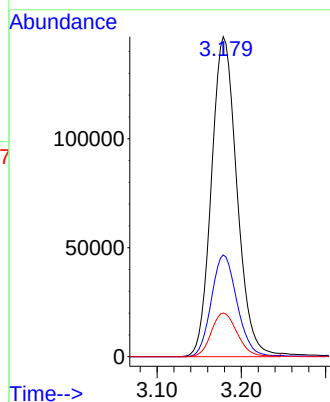
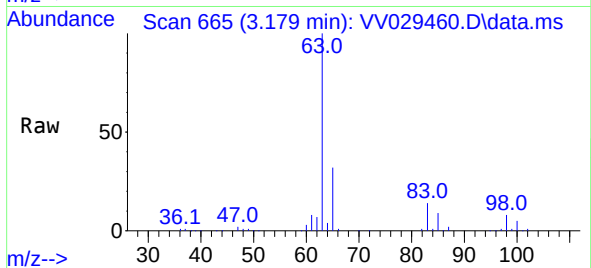




#19
1,1-Dichloroethane
Concen: 49.069 ug/L
RT: 3.179 min Scan# 665
Delta R.T. -0.006 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

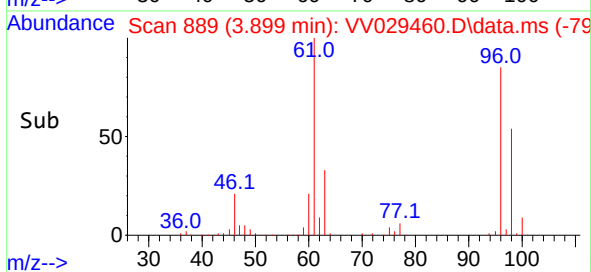
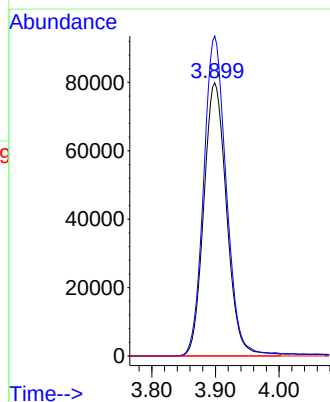
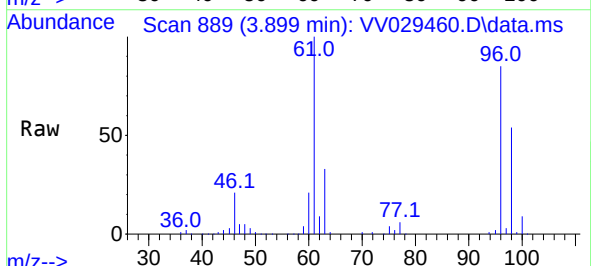
Instrument :
MSVOA_V
ClientSampleId :
VSTD050376

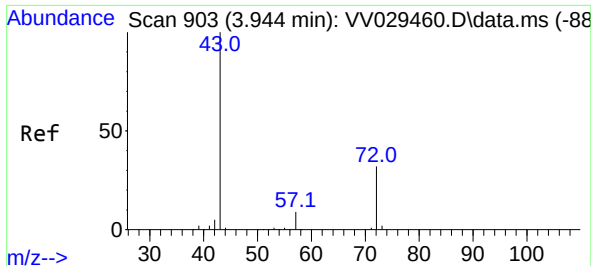
Tgt Ion: 63 Resp: 308111
Ion Ratio Lower Upper
63 100
65 31.8 22.5 41.7
83 13.6 10.4 19.2



#20
cis-1,2-Dichloroethene
Concen: 49.446 ug/L
RT: 3.899 min Scan# 889
Delta R.T. -0.006 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Tgt Ion: 96 Resp: 199285
Ion Ratio Lower Upper
96 100
61 117.1 78.0 144.9
68 0.0 0.0 0.0

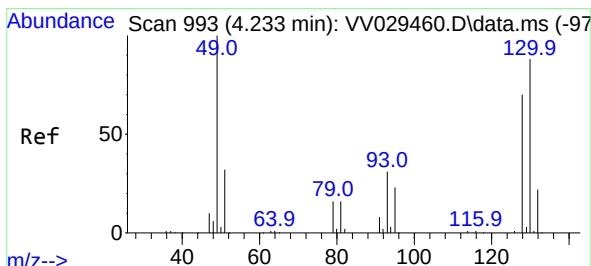
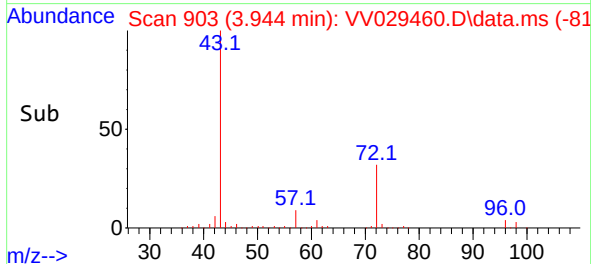
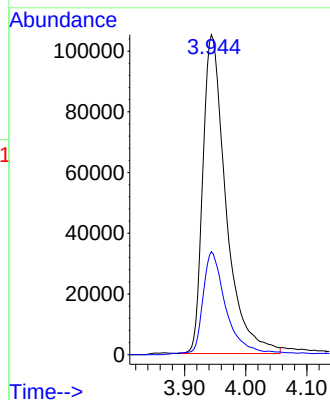
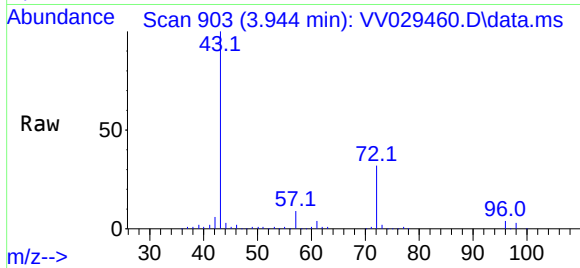




#22
2-Butanone
Concen: 119.922 ug/L
RT: 3.944 min Scan# 903
Delta R.T. -0.010 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

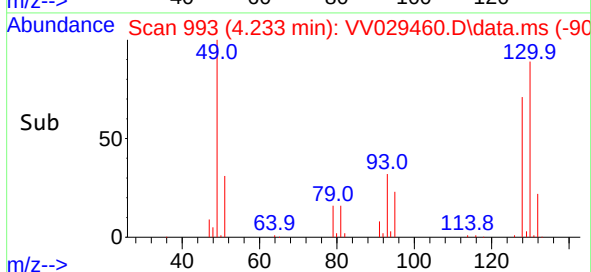
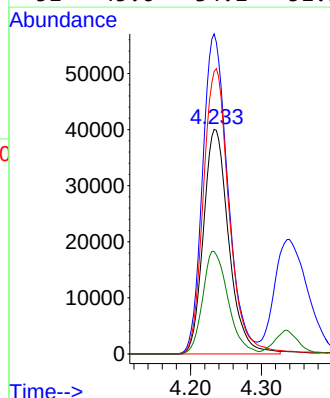
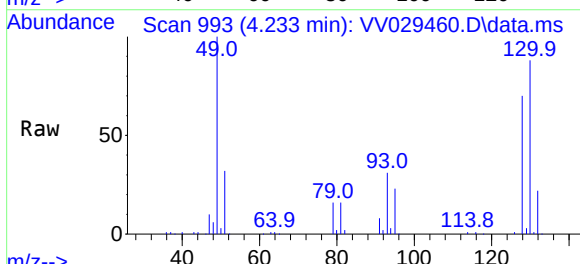
Instrument :
MSVOA_V
ClientSampleId :
VSTD050376

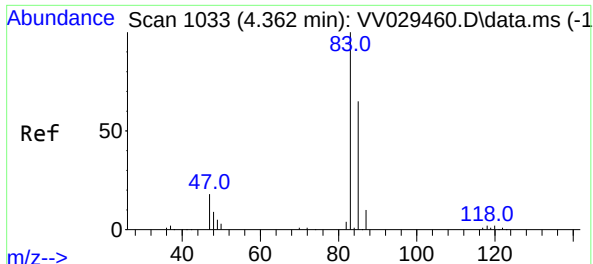
Tgt Ion: 43 Resp: 276344
Ion Ratio Lower Upper
43 100
72 30.4 15.9 47.6



#23
Bromochloromethane
Concen: 47.790 ug/L
RT: 4.233 min Scan# 993
Delta R.T. -0.006 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Tgt Ion: 128 Resp: 99182
Ion Ratio Lower Upper
128 100
49 142.4 92.2 171.2
130 125.6 88.3 164.1
51 45.6 34.1 51.1





#25

Chloroform

Concen: 49.077 ug/L

RT: 4.362 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VV029460.D

Acq: 08 Dec 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

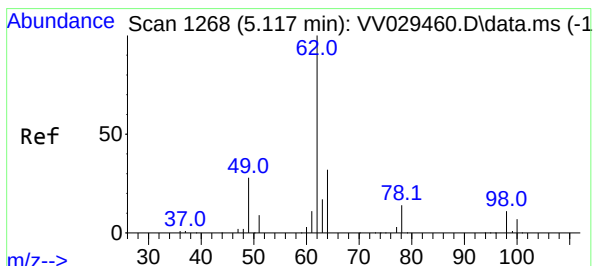
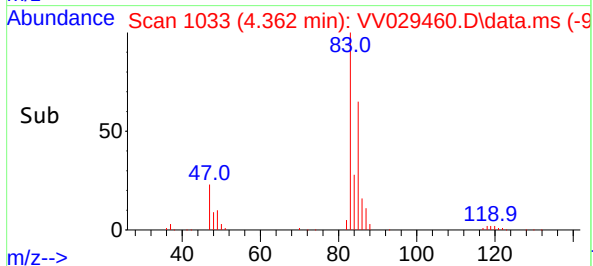
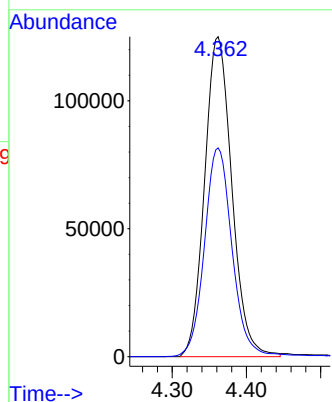
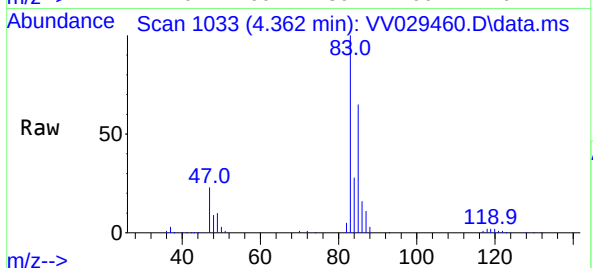
VSTD050376

Tgt Ion: 83 Resp: 319472

Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.9



#27

1,2-Dichloroethane

Concen: 48.614 ug/L

RT: 5.117 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VV029460.D

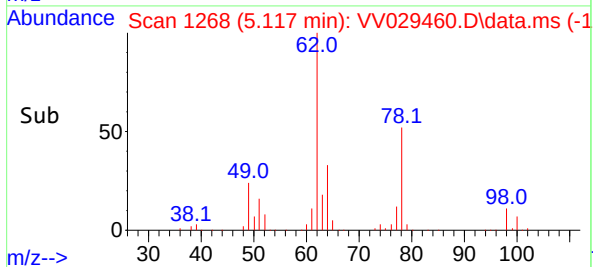
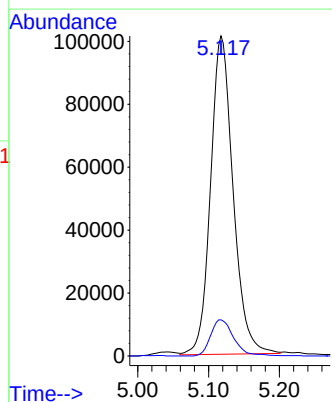
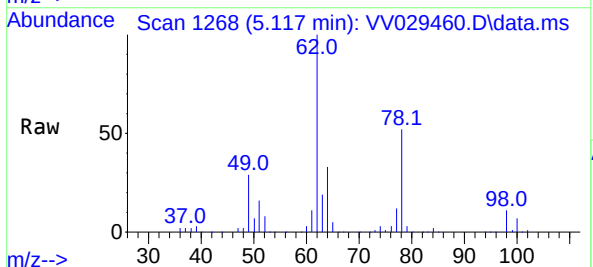
Acq: 08 Dec 2022 09:55

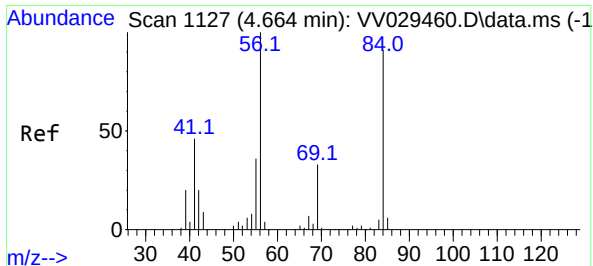
Tgt Ion: 62 Resp: 223550

Ion Ratio Lower Upper

62 100

98 11.3 9.4 14.0





#29

Cyclohexane

Concen: 50.675 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VV029460.D

Acq: 08 Dec 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD050376

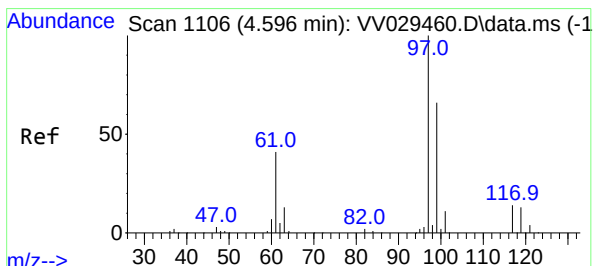
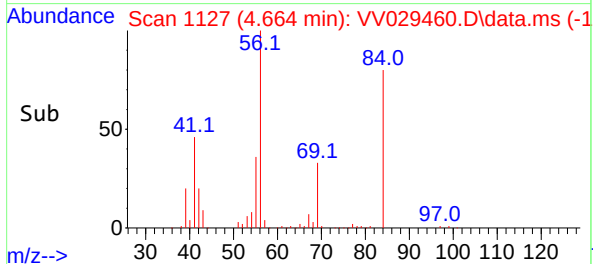
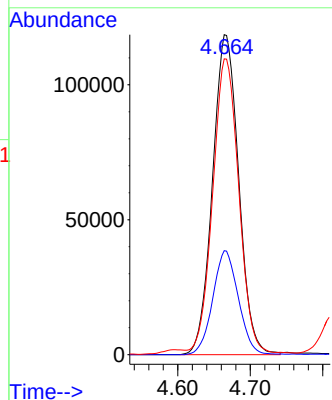
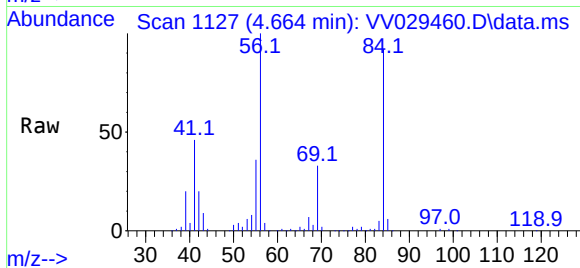
Tgt Ion: 56 Resp: 297036

Ion Ratio Lower Upper

56 100

69 31.7 25.8 38.8

84 90.9 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 47.876 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VV029460.D

Acq: 08 Dec 2022 09:55

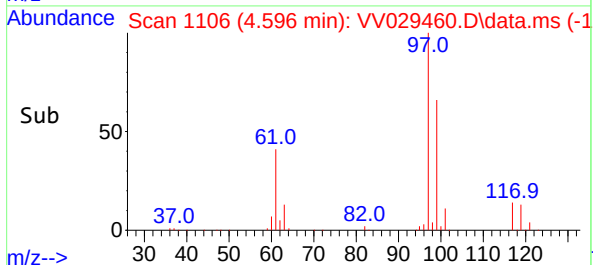
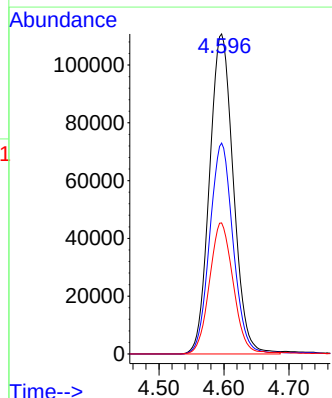
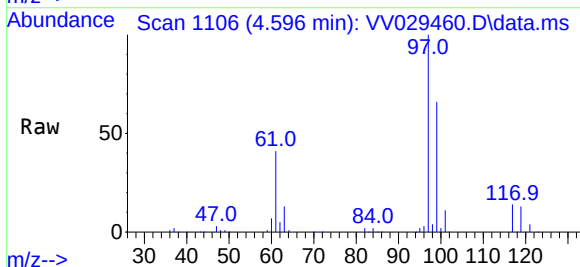
Tgt Ion: 97 Resp: 282241

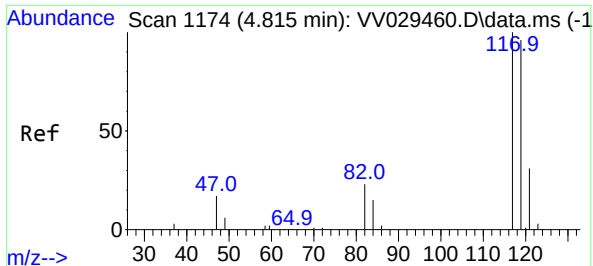
Ion Ratio Lower Upper

97 100

99 64.7 52.1 78.1

61 40.7 31.8 47.8

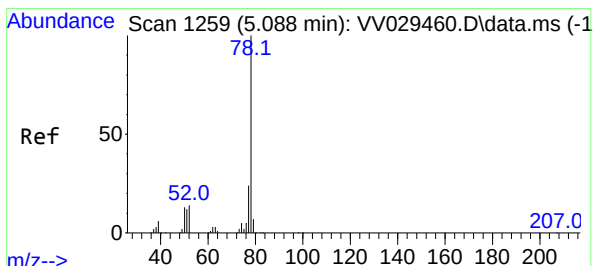
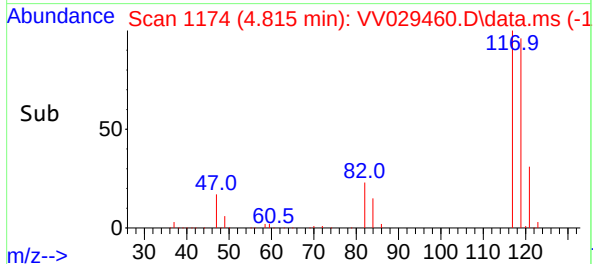
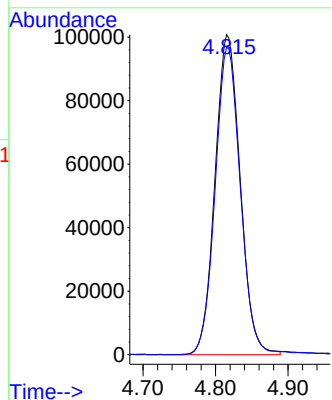
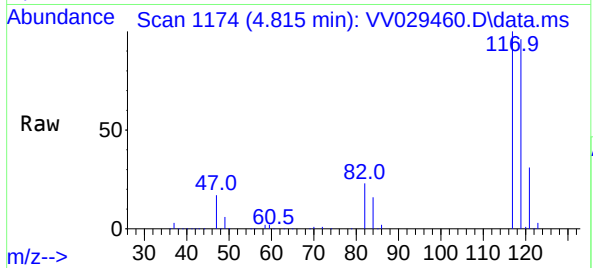




#31
Carbon tetrachloride
Concen: 47.161 ug/L
RT: 4.815 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

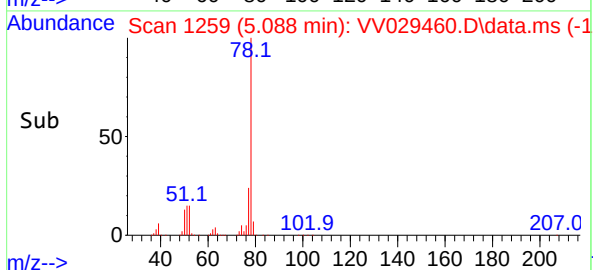
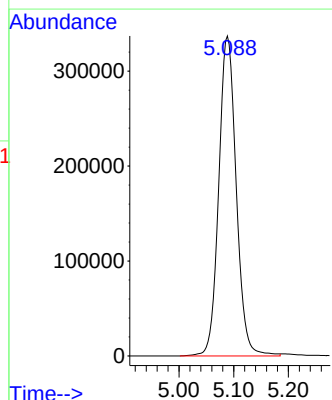
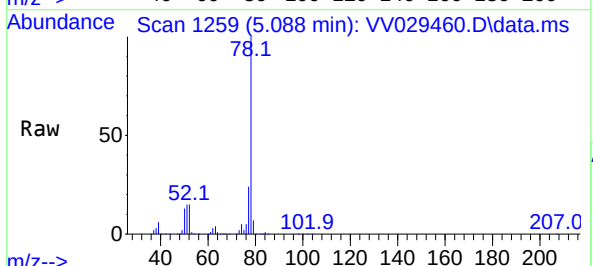
Instrument : MSVOA_V
ClientSampleId : VSTD050376

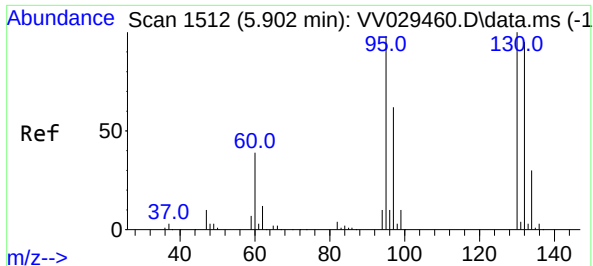
Tgt Ion:117 Resp: 242789
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1



#33
Benzene
Concen: 49.065 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Tgt Ion: 78 Resp: 748337

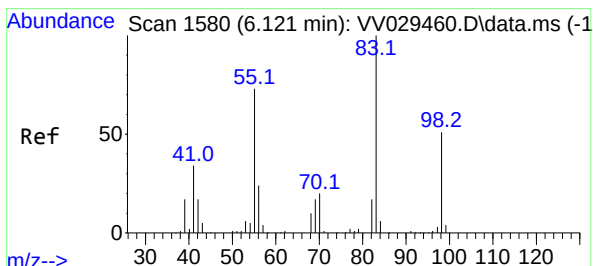
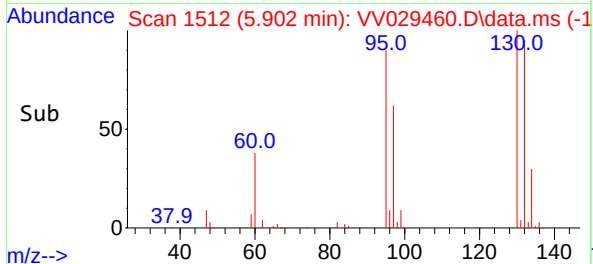
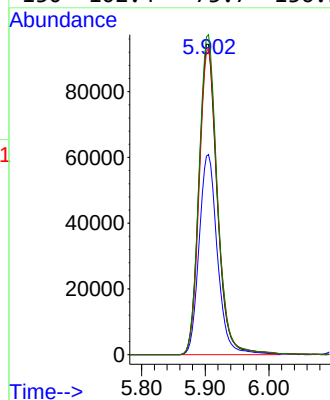
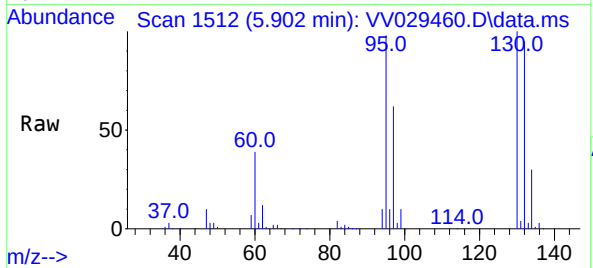




#34
Trichloroethene
Concen: 49.106 ug/L
RT: 5.902 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

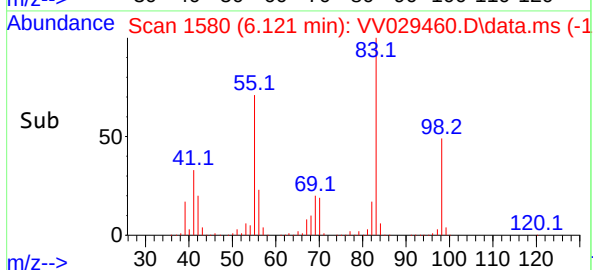
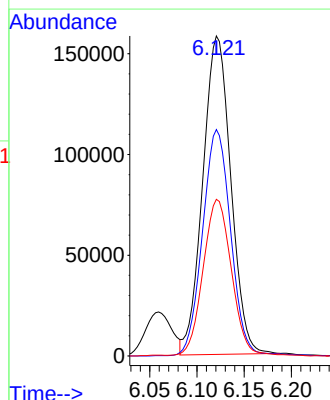
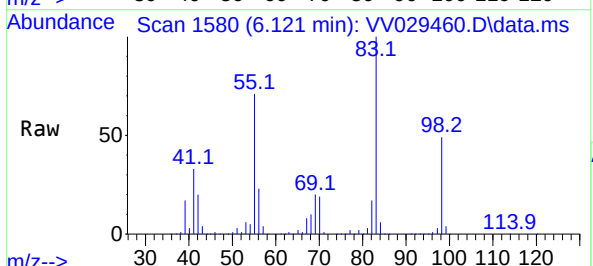
Instrument :
MSVOA_V
ClientSampleId :
VSTD050376

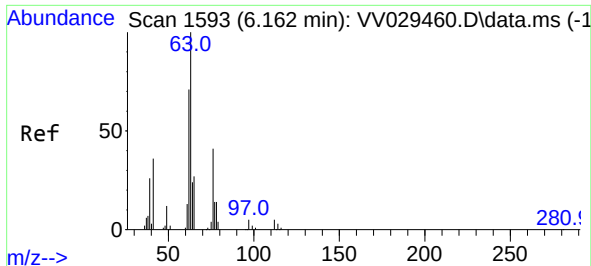
Tgt Ion: 95 Resp: 187680
Ion Ratio Lower Upper
95 100
97 63.9 44.0 81.8
132 97.5 69.9 129.9
130 102.4 73.7 136.9



#35
Methylcyclohexane
Concen: 50.233 ug/L
RT: 6.121 min Scan# 1580
Delta R.T. -0.006 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Tgt Ion: 83 Resp: 326073
Ion Ratio Lower Upper
83 100
55 71.9 55.5 83.3
98 50.1 39.8 59.8

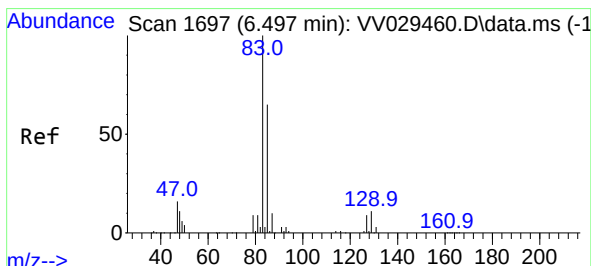
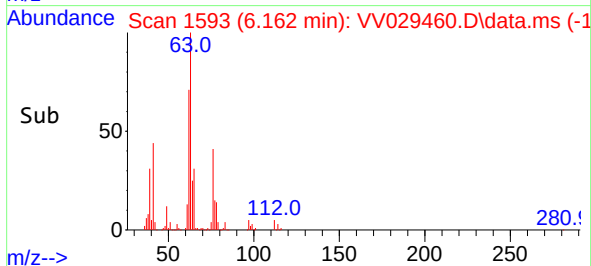
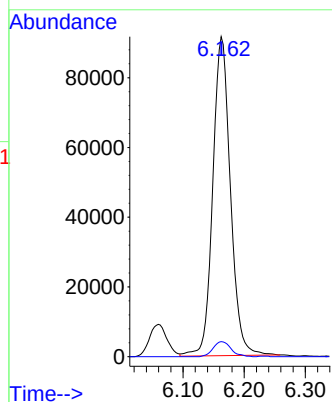
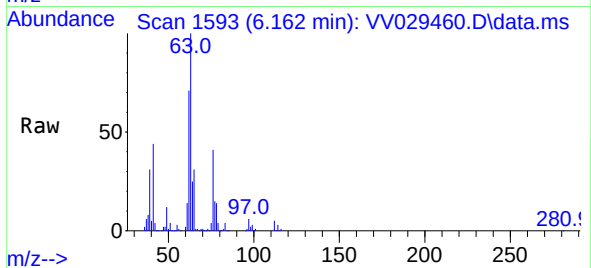




#37
1,2-Dichloropropane
Concen: 49.800 ug/L
RT: 6.162 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

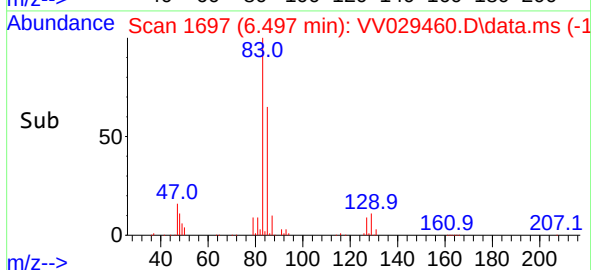
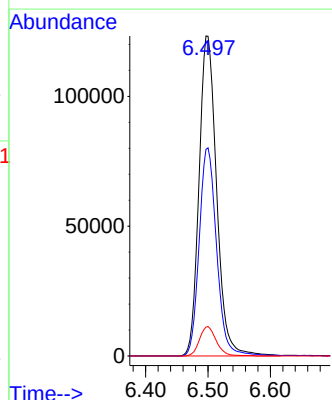
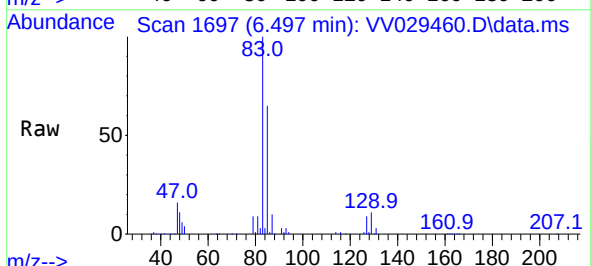
Instrument :
MSVOA_V
ClientSampleId :
VSTD050376

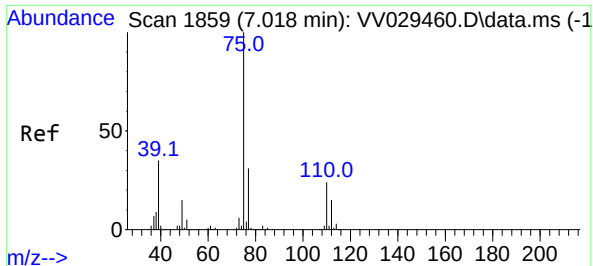
Tgt Ion: 63 Resp: 183325
Ion Ratio Lower Upper
63 100
112 4.8 3.9 5.9



#38
Bromodichloromethane
Concen: 47.630 ug/L
RT: 6.497 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Tgt Ion: 83 Resp: 242046
Ion Ratio Lower Upper
83 100
85 64.5 45.3 84.1
127 9.0 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 48.819 ug/L

RT: 7.018 min Scan# 1859

Delta R.T. -0.003 min

Lab File: VV029460.D

Acq: 08 Dec 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

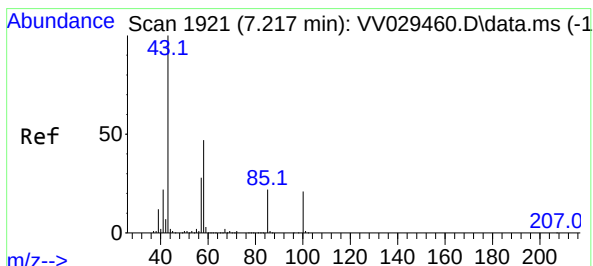
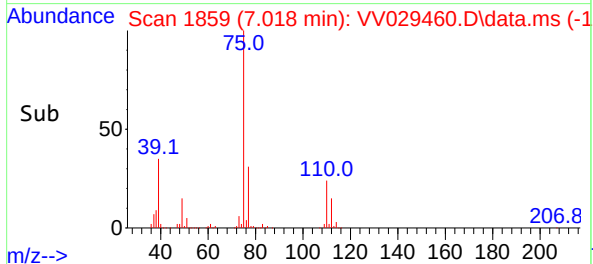
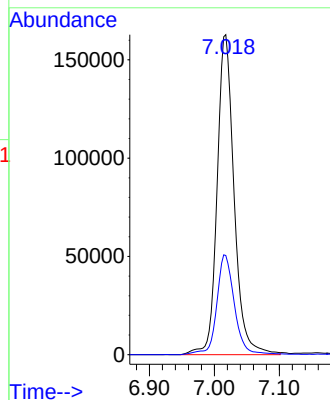
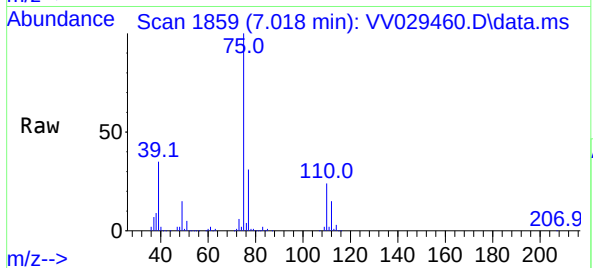
VSTD050376

Tgt Ion: 75 Resp: 295563

Ion Ratio Lower Upper

75 100

77 31.0 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 104.477 ug/L

RT: 7.217 min Scan# 1921

Delta R.T. -0.003 min

Lab File: VV029460.D

Acq: 08 Dec 2022 09:55

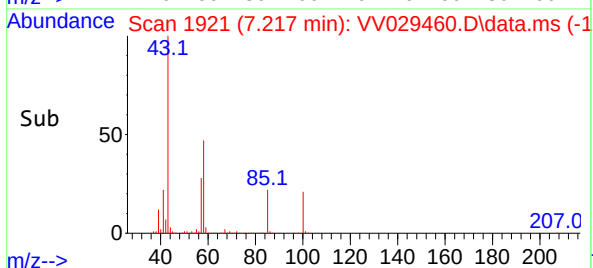
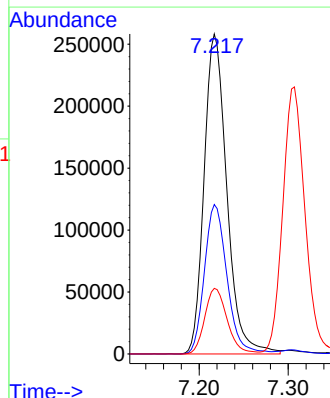
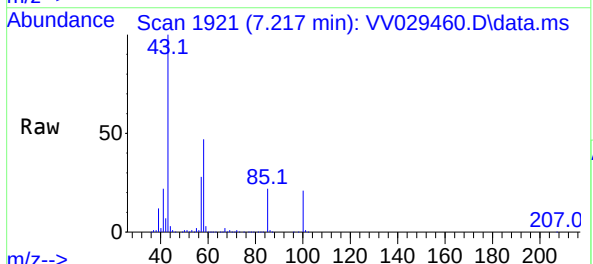
Tgt Ion: 43 Resp: 458563

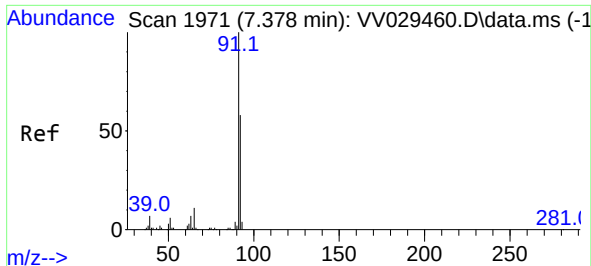
Ion Ratio Lower Upper

43 100

58 46.4 37.5 56.3

100 20.3 16.7 25.1





#42

Toluene

Concen: 48.817 ug/L

RT: 7.378 min Scan# 1971

Delta R.T. -0.003 min

Lab File: VV029460.D

Acq: 08 Dec 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

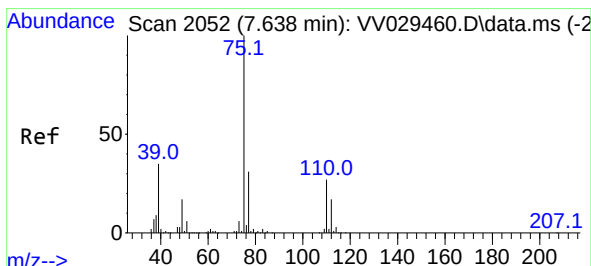
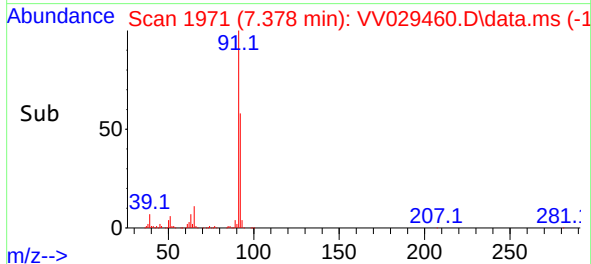
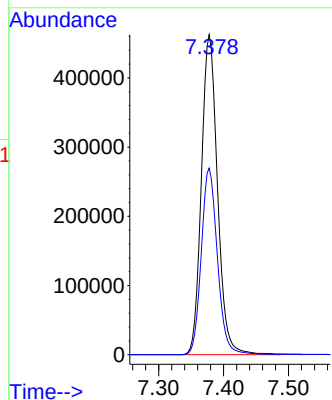
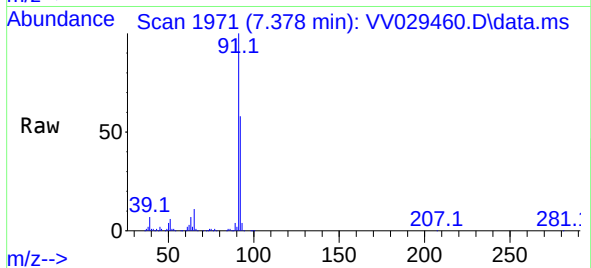
VSTD050376

Tgt Ion: 91 Resp: 801401

Ion Ratio Lower Upper

91 100

92 58.3 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 47.770 ug/L

RT: 7.638 min Scan# 2052

Delta R.T. -0.006 min

Lab File: VV029460.D

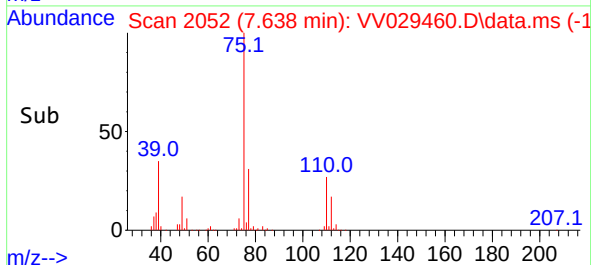
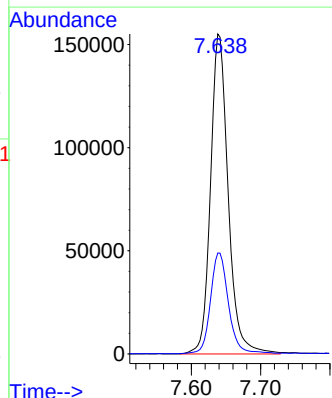
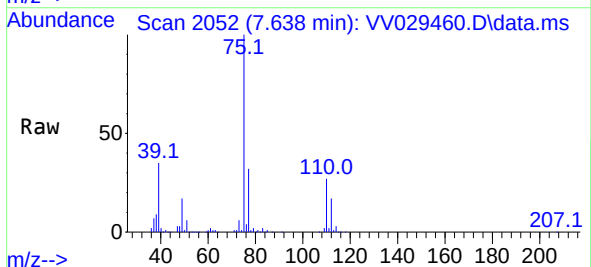
Acq: 08 Dec 2022 09:55

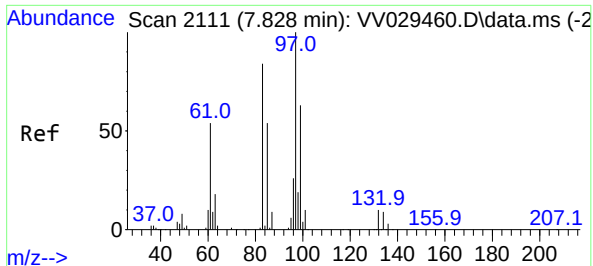
Tgt Ion: 75 Resp: 273883

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.5



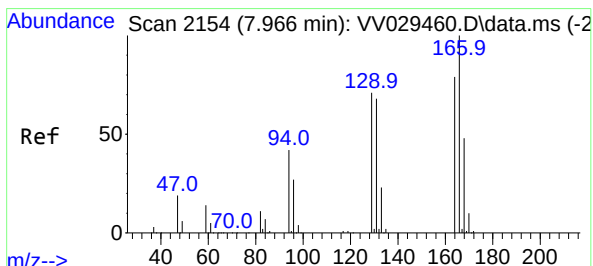
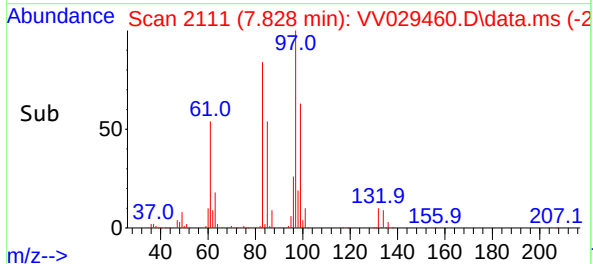
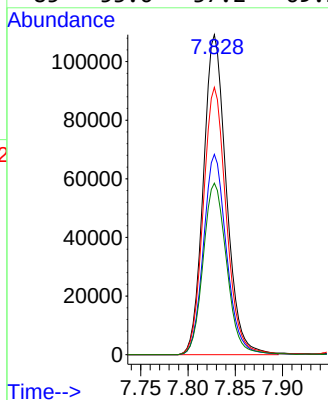
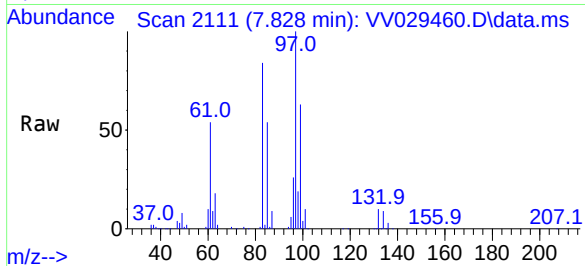


#45
1,1,2-Trichloroethane
Concen: 48.516 ug/L
RT: 7.828 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD050376

Tgt Ion: 97 Resp: 184514

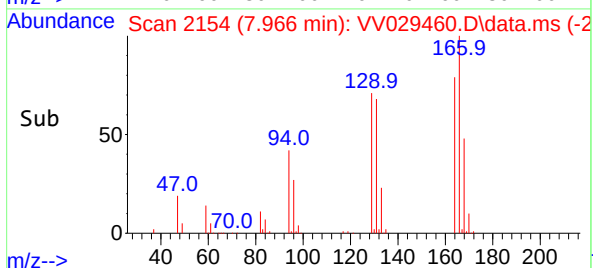
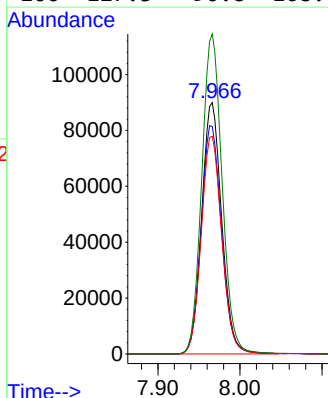
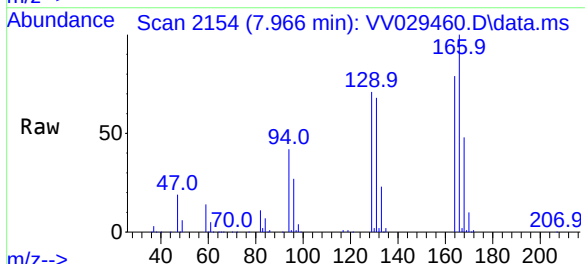
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.8	81.3
83	83.6	58.6	108.8
85	53.6	37.2	69.2

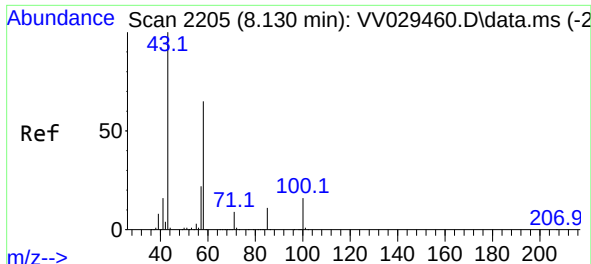


#46
Tetrachloroethene
Concen: 49.836 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.003 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Tgt Ion: 164 Resp: 153137

Ion	Ratio	Lower	Upper
164	100		
129	90.5	65.3	121.3
131	86.6	63.1	117.1
166	127.3	90.8	168.6

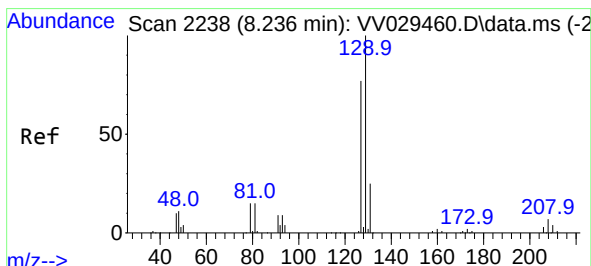
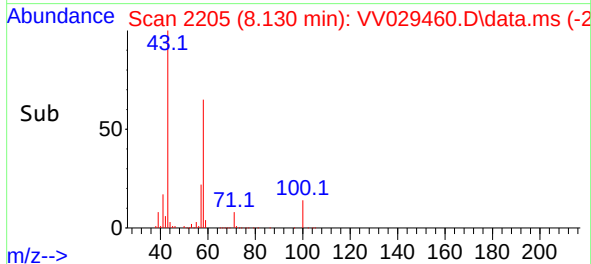
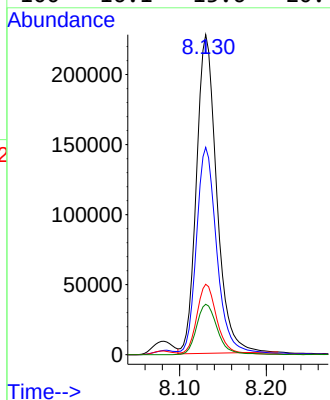
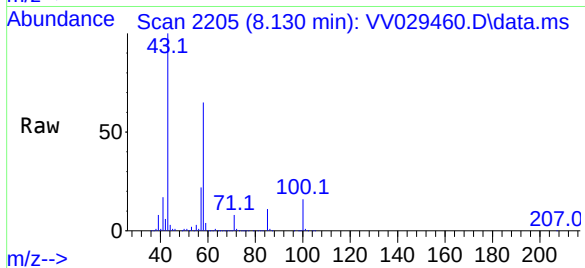




#48
2-Hexanone
Concen: 110.384 ug/L
RT: 8.130 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

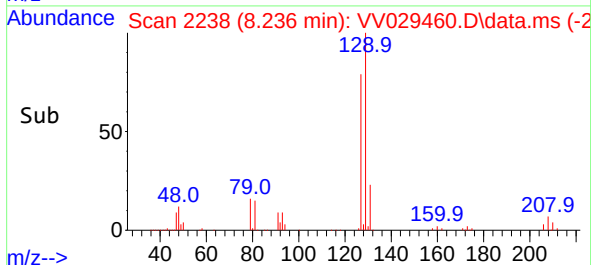
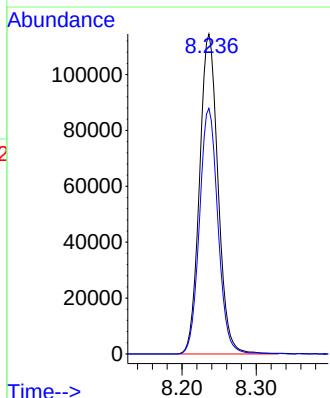
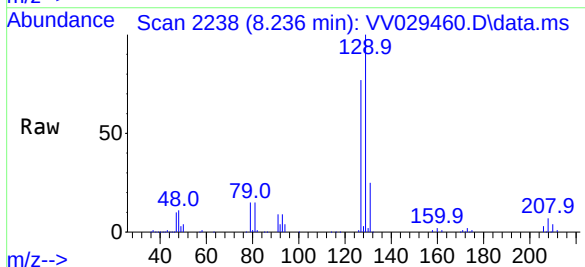
Instrument :
MSVOA_V
ClientSampleId :
VSTD050376

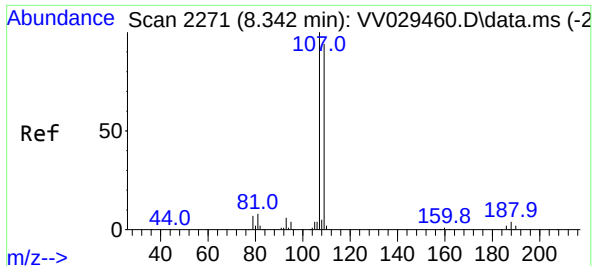
Tgt Ion: 43 Resp: 370149
Ion Ratio Lower Upper
43 100
58 64.7 54.1 81.1
57 21.6 17.4 26.0
100 16.1 13.6 20.4



#49
Dibromochloromethane
Concen: 47.157 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Tgt Ion: 129 Resp: 198007
Ion Ratio Lower Upper
129 100
127 76.7 55.2 102.4





#50

1,2-Dibromoethane

Concen: 48.733 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV029460.D

Acq: 08 Dec 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD050376

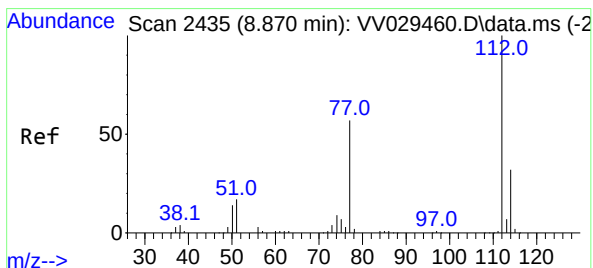
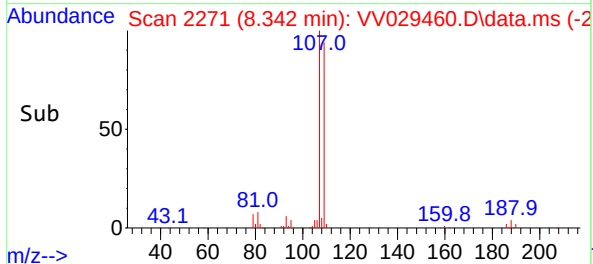
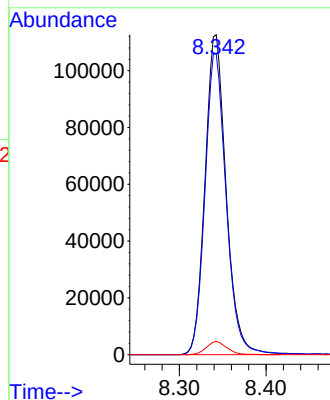
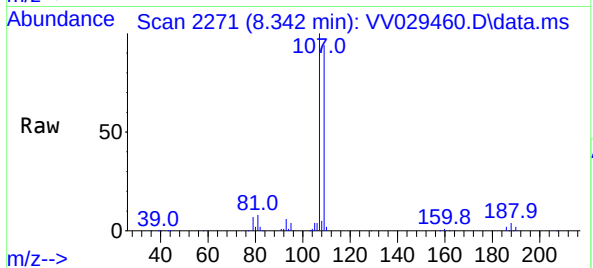
Tgt Ion:107 Resp: 190941

Ion Ratio Lower Upper

107 100

109 94.1 66.0 122.6

188 4.1 3.2 4.8



#51

Chlorobenzene

Concen: 47.218 ug/L

RT: 8.870 min Scan# 2435

Delta R.T. -0.003 min

Lab File: VV029460.D

Acq: 08 Dec 2022 09:55

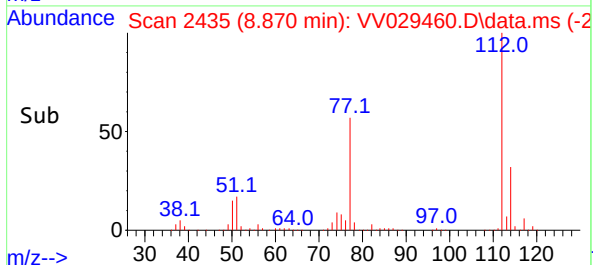
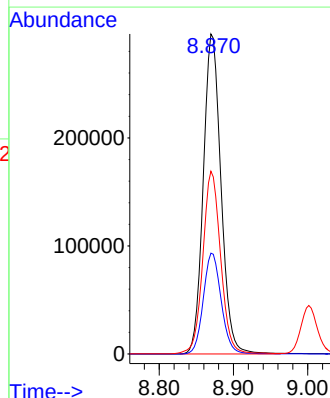
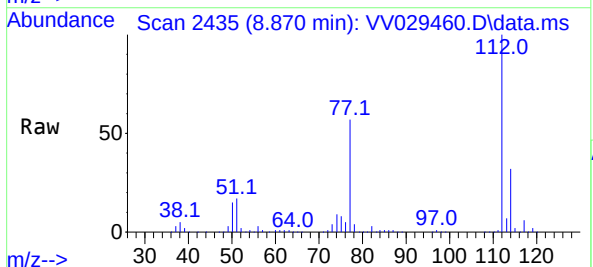
Tgt Ion:112 Resp: 490843

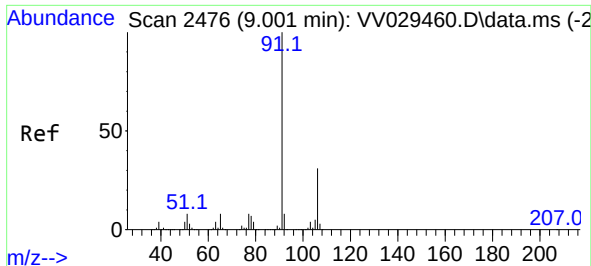
Ion Ratio Lower Upper

112 100

114 31.5 22.3 41.3

77 57.1 45.0 67.4





#52

Ethylbenzene

Concen: 47.881 ug/L

RT: 9.001 min Scan# 2476

Delta R.T. -0.003 min

Lab File: VV029460.D

Acq: 08 Dec 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

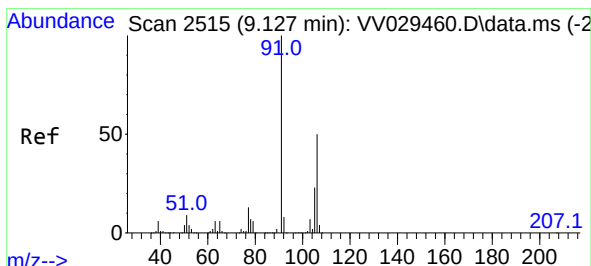
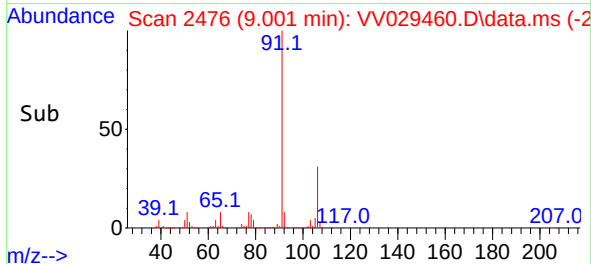
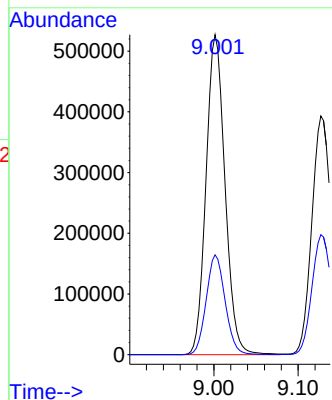
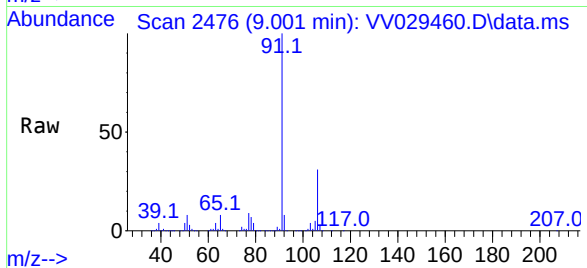
VSTD050376

Tgt Ion: 91 Resp: 826394

Ion Ratio Lower Upper

91 100

106 31.2 21.8 40.6



#53

m,p-Xylene

Concen: 47.800 ug/L

RT: 9.127 min Scan# 2515

Delta R.T. -0.003 min

Lab File: VV029460.D

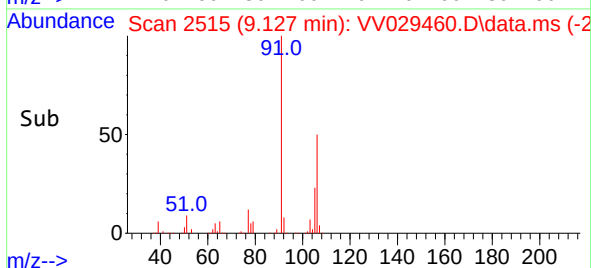
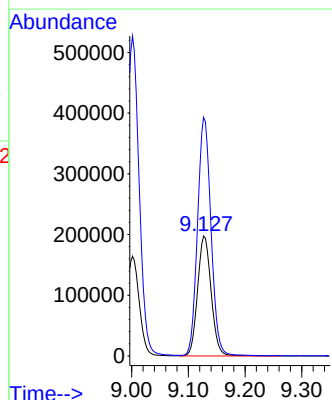
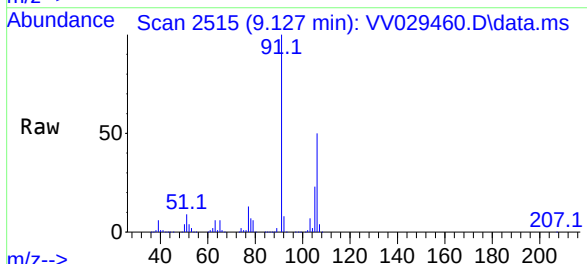
Acq: 08 Dec 2022 09:55

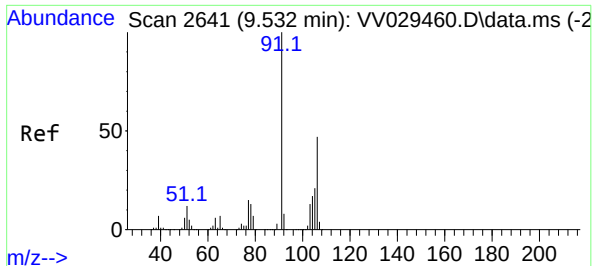
Tgt Ion: 106 Resp: 326524

Ion Ratio Lower Upper

106 100

91 199.0 139.5 259.1

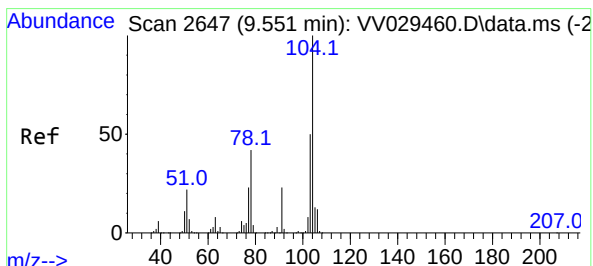
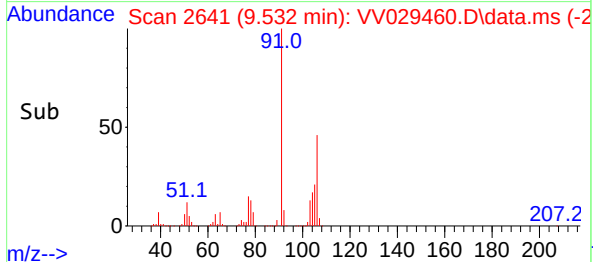
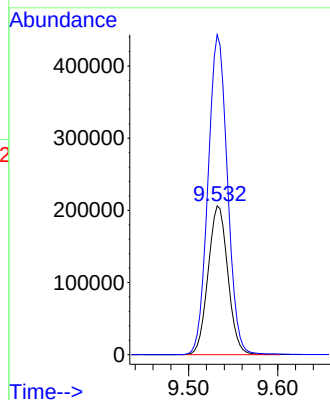
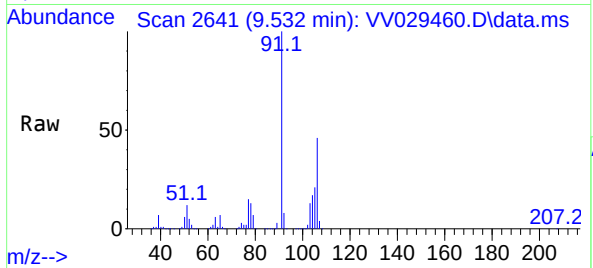




#54
o-Xylene
Concen: 46.924 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. -0.003 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

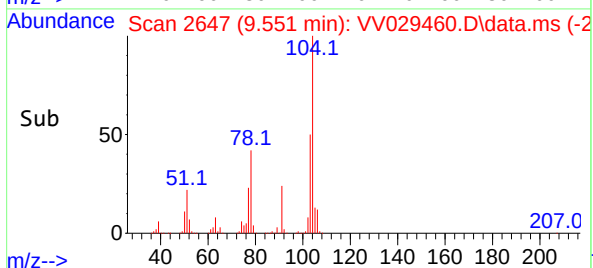
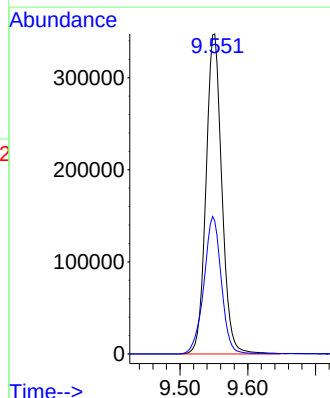
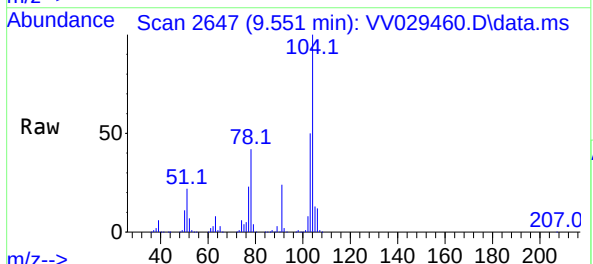
Instrument :
MSVOA_V
ClientSampleId :
VSTD050376

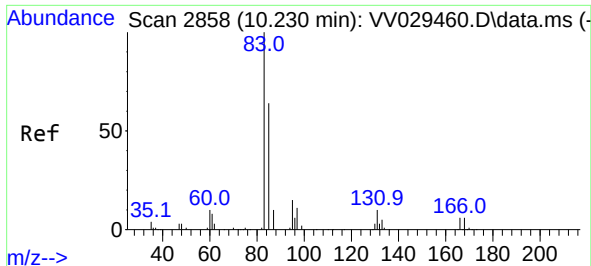
Tgt Ion:106 Resp: 317066
Ion Ratio Lower Upper
106 100
91 215.2 148.0 274.8



#55
Styrene
Concen: 48.139 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Tgt Ion:104 Resp: 565277
Ion Ratio Lower Upper
104 100
78 41.6 29.4 54.6

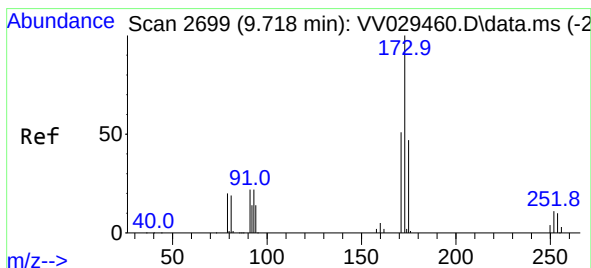
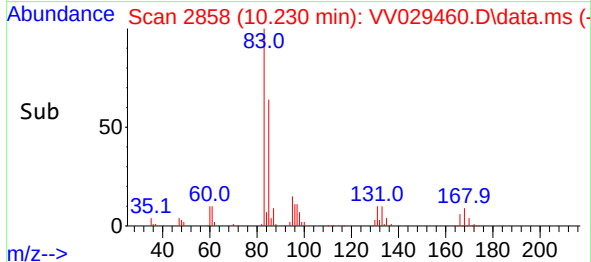
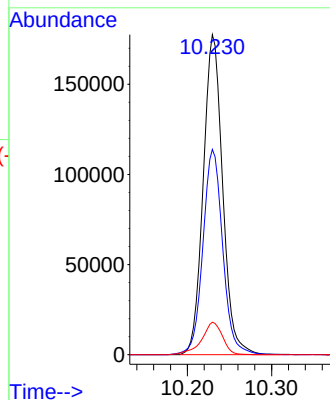
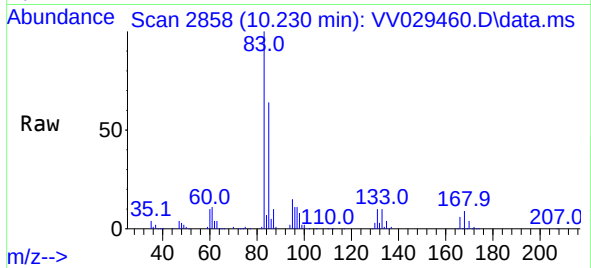




#57
1,1,2,2-Tetrachloroethane
Concen: 46.907 ug/L
RT: 10.230 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

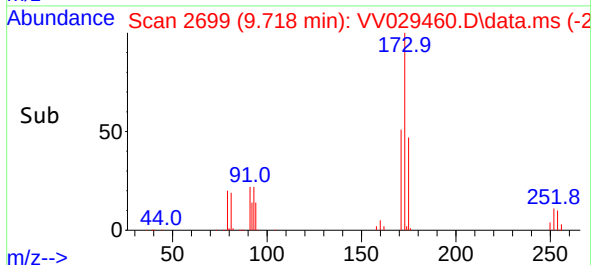
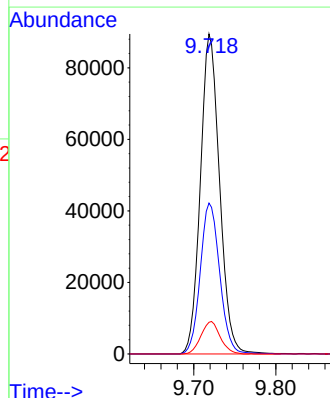
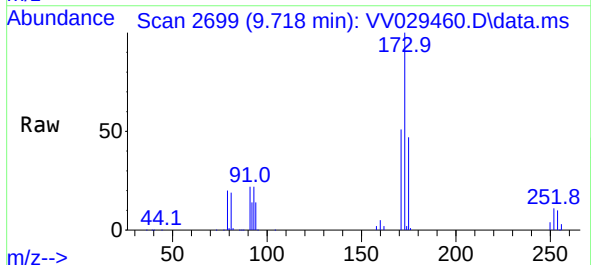
Instrument :
MSVOA_V
ClientSampleId :
VSTD050376

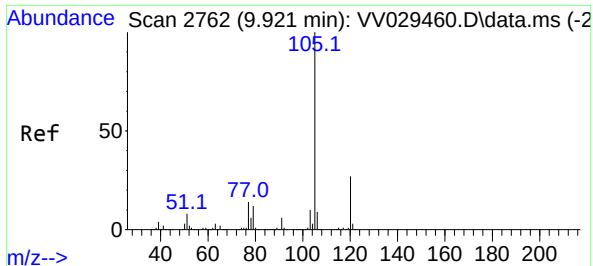
Tgt Ion: 83 Resp: 285363
Ion Ratio Lower Upper
83 100
85 64.2 45.7 84.9
131 10.2 7.9 11.9



#59
Bromoform
Concen: 44.004 ug/L
RT: 9.718 min Scan# 2699
Delta R.T. -0.003 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Tgt Ion: 173 Resp: 145488
Ion Ratio Lower Upper
173 100
175 47.7 38.4 57.6
254 10.2 7.8 11.8

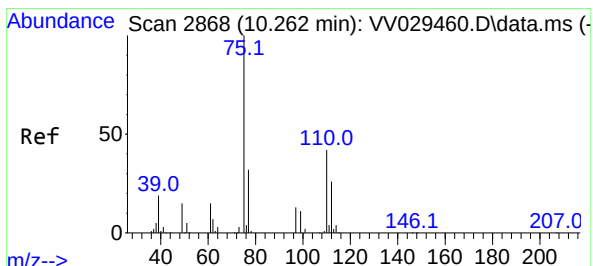
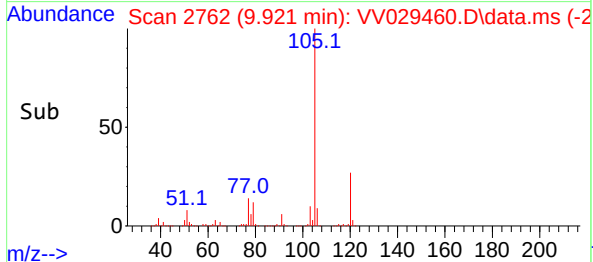
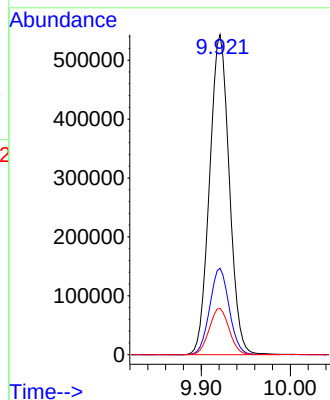
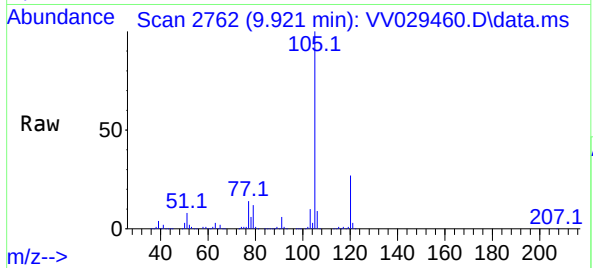




#60
Isopropylbenzene
Concen: 47.469 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. -0.000 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

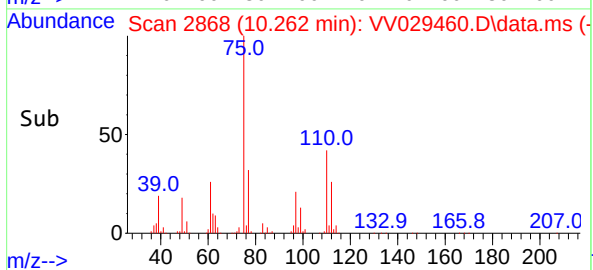
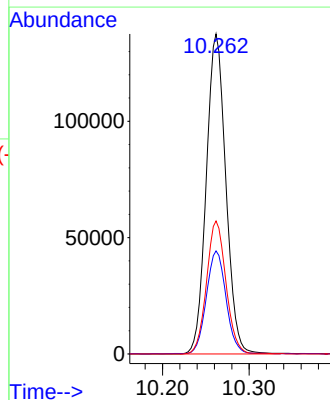
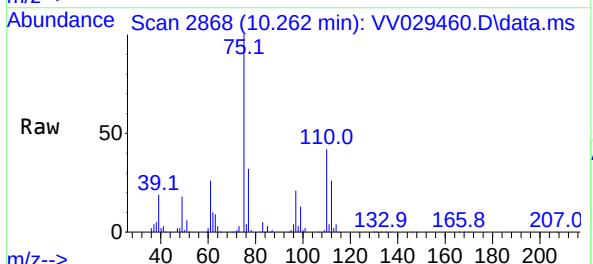
Instrument :
MSVOA_V
ClientSampleId :
VSTD050376

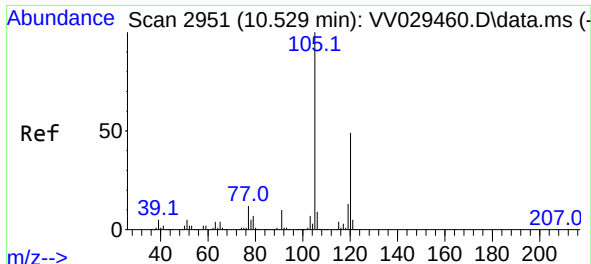
Tgt Ion:105 Resp: 834146
Ion Ratio Lower Upper
105 100
120 26.8 21.1 31.7
77 14.6 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 46.670 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Tgt Ion: 75 Resp: 215614
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2
110 41.3 32.7 49.1

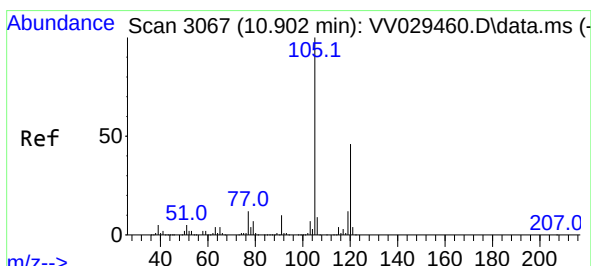
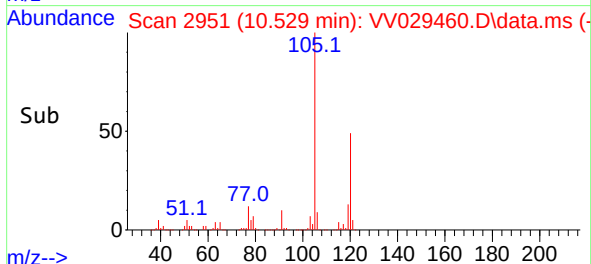
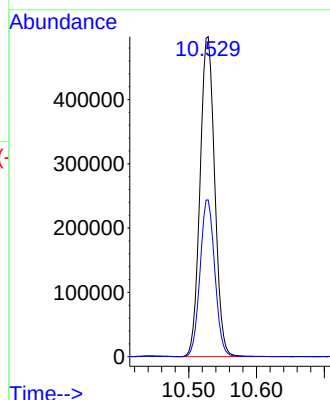
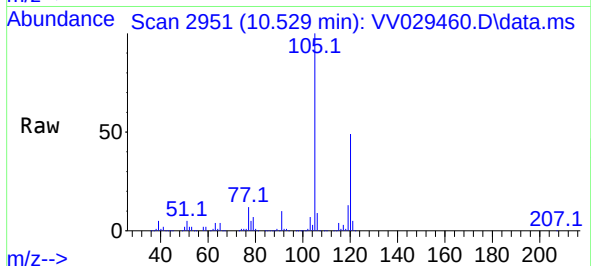




#62
1,3,5-Trimethylbenzene
Concen: 48.112 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

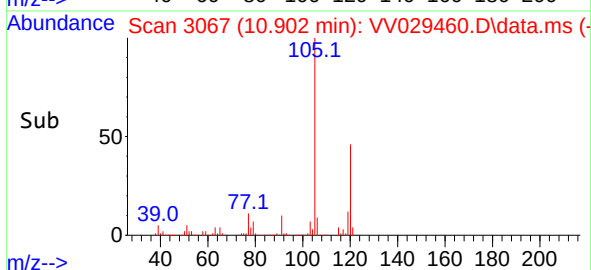
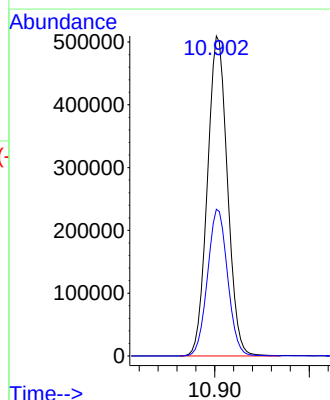
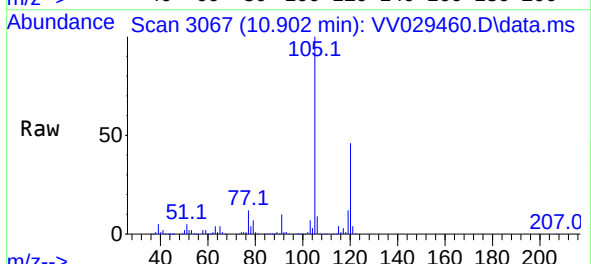
Instrument :
MSVOA_V
ClientSampleId :
VSTD050376

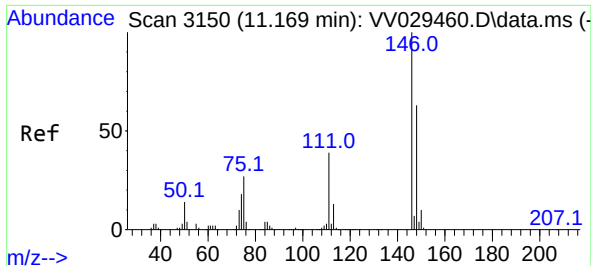
Tgt Ion:105 Resp: 747521
Ion Ratio Lower Upper
105 100
120 49.3 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 48.652 ug/L
RT: 10.902 min Scan# 3067
Delta R.T. -0.003 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Tgt Ion:105 Resp: 749306
Ion Ratio Lower Upper
105 100
120 45.9 36.7 55.1

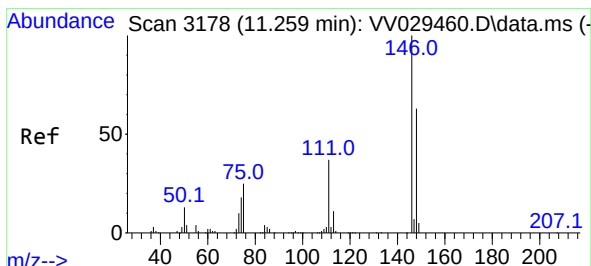
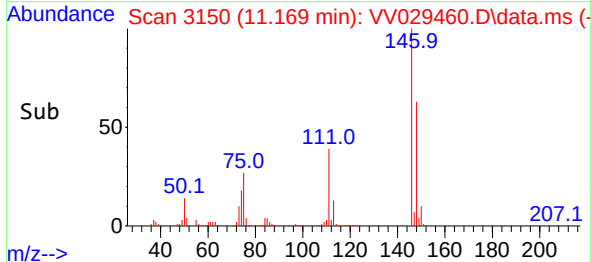
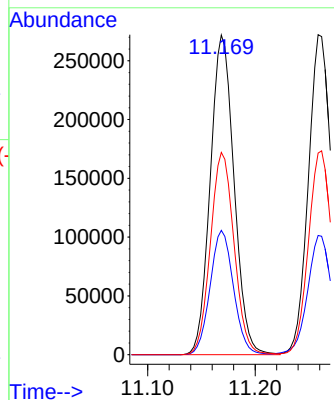
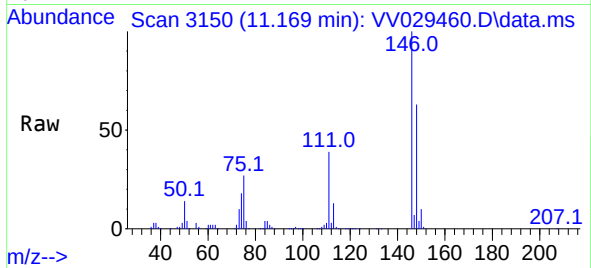




#64
1,3-Dichlorobenzene
Concen: 48.610 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

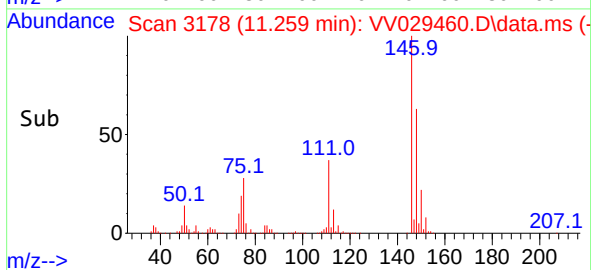
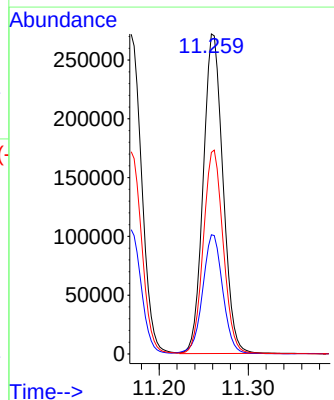
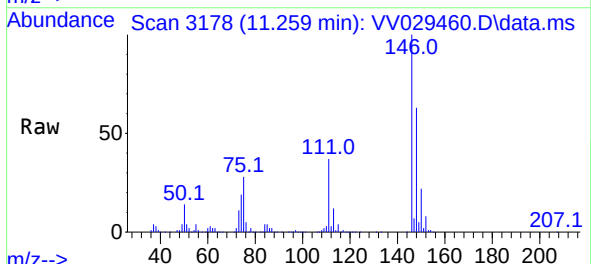
Instrument :
MSVOA_V
ClientSampleId :
VSTD050376

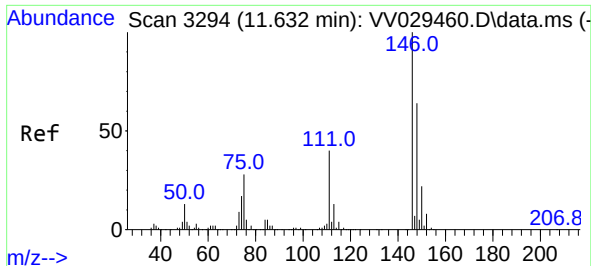
Tgt Ion:146 Resp: 417661
Ion Ratio Lower Upper
146 100
111 38.9 27.4 51.0
148 63.3 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 47.859 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. -0.003 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Tgt Ion:146 Resp: 417905
Ion Ratio Lower Upper
146 100
111 37.3 26.2 48.8
148 63.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 47.453 ug/L

RT: 11.632 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029460.D

Acq: 08 Dec 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD050376

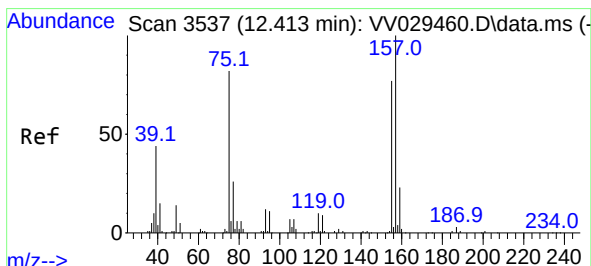
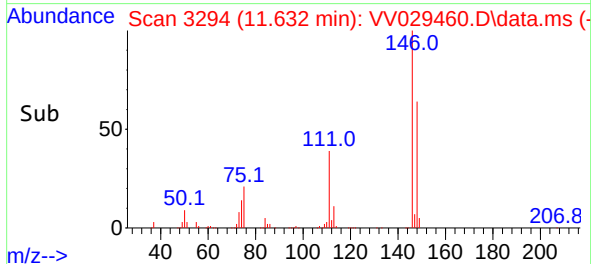
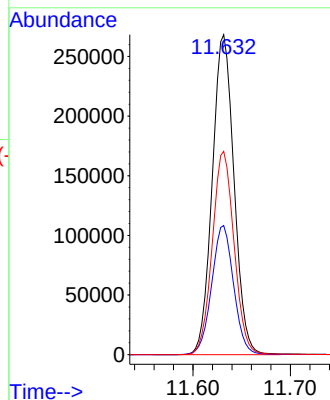
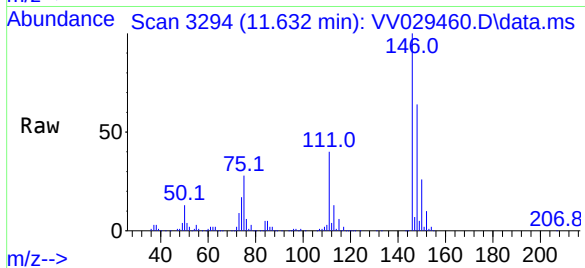
Tgt Ion:146 Resp: 416928

Ion Ratio Lower Upper

146 100

111 40.3 32.0 48.0

148 63.6 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 44.482 ug/L

RT: 12.413 min Scan# 3537

Delta R.T. -0.003 min

Lab File: VV029460.D

Acq: 08 Dec 2022 09:55

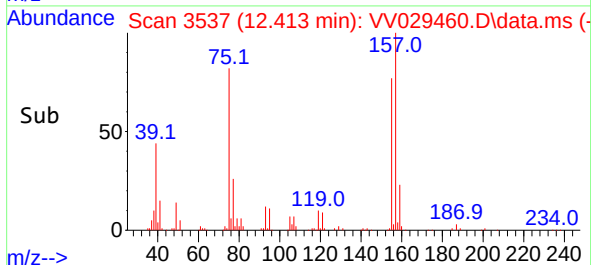
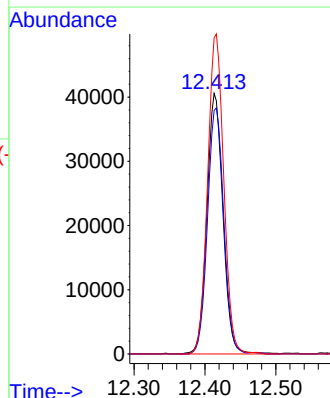
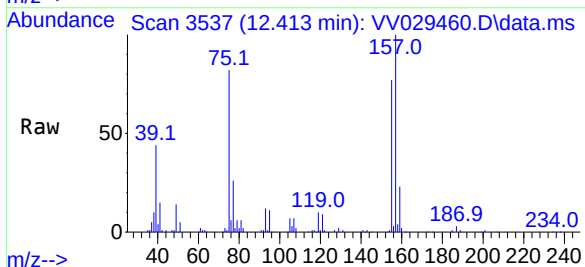
Tgt Ion: 75 Resp: 63871

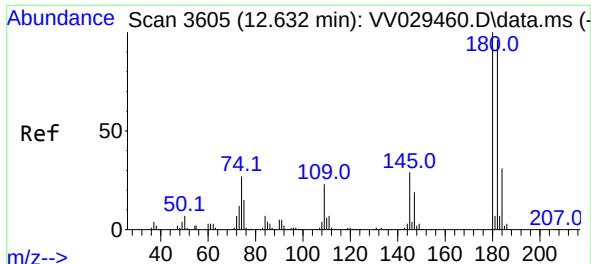
Ion Ratio Lower Upper

75 100

155 93.5 76.2 114.2

157 121.3 96.0 144.0



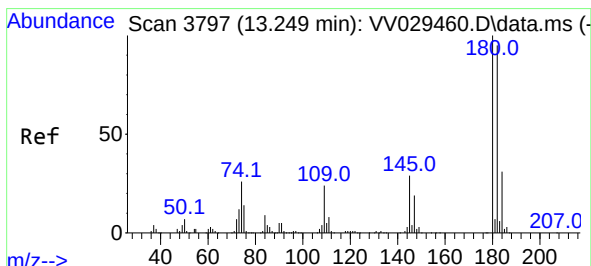
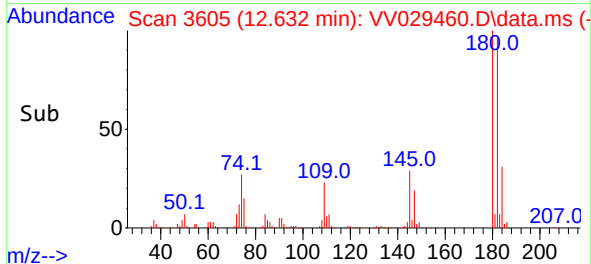
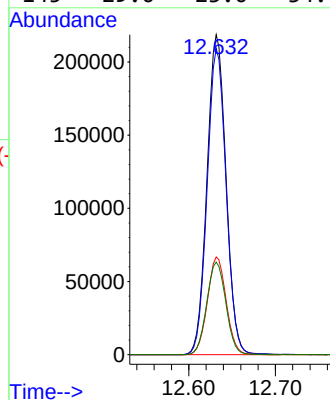
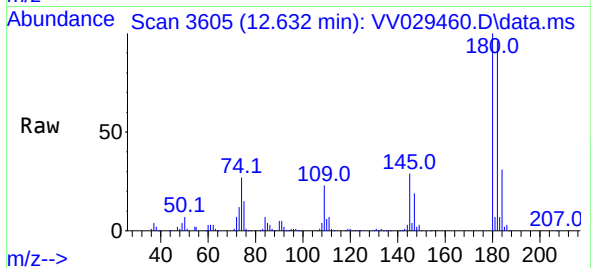


#69
1,3,5-Trichlorobenzene
Concen: 48.923 ug/L
RT: 12.632 min Scan# 3605
Delta R.T. -0.000 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD050376

Tgt Ion:180 Resp: 334519

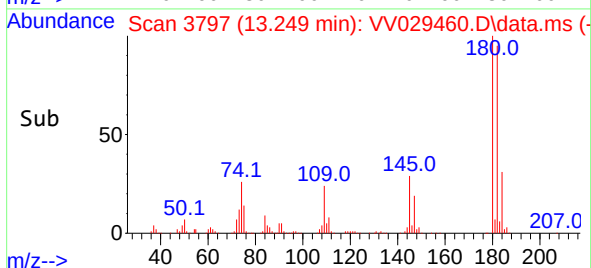
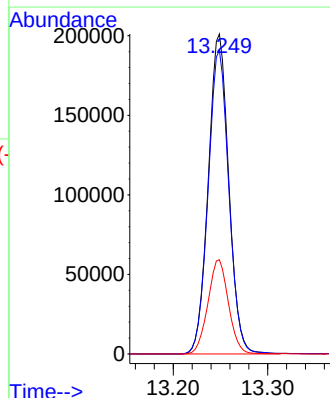
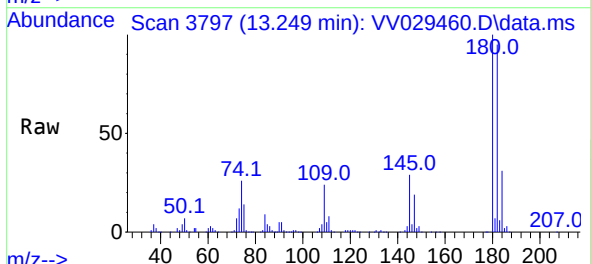
Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.5	114.7
184	30.2	24.6	36.8
145	29.0	23.0	34.6

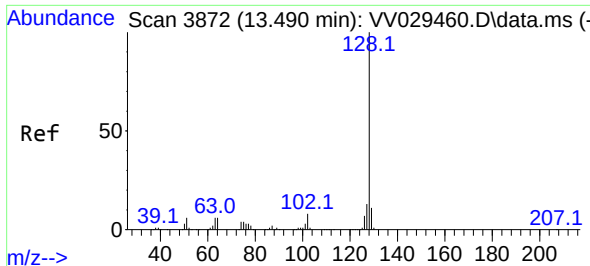


#70
1,2,4-trichlorobenzene
Concen: 49.844 ug/L
RT: 13.249 min Scan# 3797
Delta R.T. -0.000 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Tgt Ion:180 Resp: 303063

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.3	114.5
145	29.5	23.7	35.5



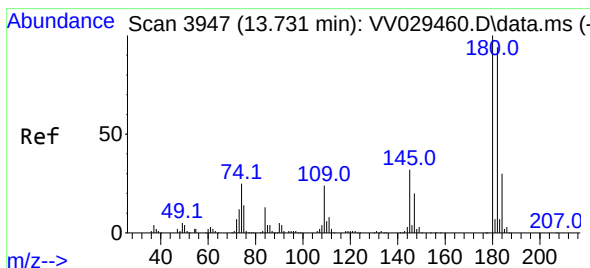
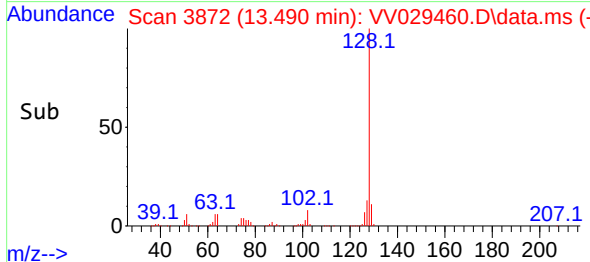
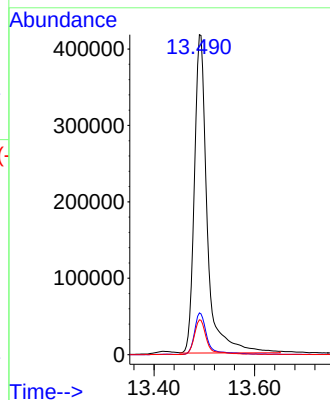
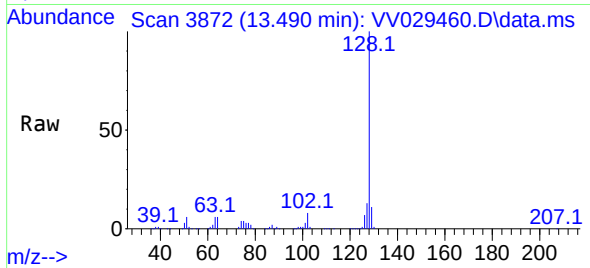


#71
Naphthalene
Concen: 53.578 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.003 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD050376

Tgt Ion:128 Resp: 738931

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.6	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 50.105 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV029460.D
Acq: 08 Dec 2022 09:55

Tgt Ion:180 Resp: 298397

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.4	114.6
145	31.7	25.0	37.6

