

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029434.D
 Acq On : 07 Dec 2022 21:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050374

Quant Time: Dec 08 00:58:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:46:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	502920	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	458584	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	250220	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	143652	46.645	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.300%
7) Chloroethane-d5	1.561	69	109980	46.833	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.660%
11) 1,1-Dichloroethene-d2	2.108	63	235007	48.925	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.840%
21) 2-Butanone-d5	3.870	46	202324	107.695	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.690%
24) Chloroform-d	4.343	84	284462	49.084	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.160%
26) 1,2-Dichloroethane-d4	5.024	65	165313	49.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.880%
32) Benzene-d6	5.043	84	592532	48.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.063	67	179394	48.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.940%
41) Toluene-d8	7.310	98	557510	48.831	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.660%
43) trans-1,3-Dichloroprop...	7.612	79	88952	47.593	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.180%
47) 2-Hexanone-d5	8.082	63	171646	108.600	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.600%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	262241	49.581	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.160%
66) 1,2-Dichlorobenzene-d4	11.612	152	228788	48.032	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	210034	53.020	ug/L	99
3) Chloromethane	1.240	50	221798	49.107	ug/L	99
5) Vinyl chloride	1.307	62	200454	53.046	ug/L	99
6) Bromomethane	1.516	94	101280	66.609	ug/L	99
8) Chloroethane	1.581	64	110277	52.408	ug/L	99
9) Trichlorofluoromethane	1.751	101	246745	52.159	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	137136	52.170	ug/L	100
12) 1,1-Dichloroethene	2.114	96	140108	52.119	ug/L	97
13) Acetone	2.156	43	113107	92.418	ug/L	100
14) Carbon disulfide	2.291	76	466216	52.110	ug/L	99
15) Methyl Acetate	2.423	43	157886	56.623	ug/L	99
16) Methylene chloride	2.500	84	178708	53.466	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	162965	52.613	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	512754	54.031	ug/L	99
19) 1,1-Dichloroethane	3.185	63	283676	53.459	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	183143	53.770	ug/L	97
22) 2-Butanone	3.953	43	217187	111.528	ug/L	99
23) Bromochloromethane	4.240	128	93547	53.338	ug/L	97
25) Chloroform	4.368	83	295271	53.674	ug/L	100

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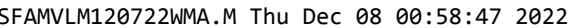
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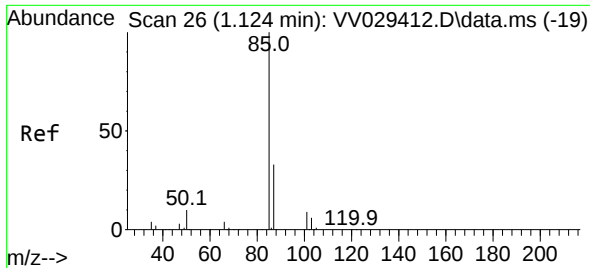
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	205995	53.008	ug/L	99
29) Cyclohexane	4.670	56	269165	54.183	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	262577	52.555	ug/L	99
31) Carbon tetrachloride	4.822	117	225530	51.692	ug/L	100
33) Benzene	5.095	78	693280	53.634	ug/L	100
34) Trichloroethene	5.908	95	172924	53.386	ug/L	99
35) Methylcyclohexane	6.127	83	291321	52.954	ug/L	98
37) 1,2-Dichloropropane	6.169	63	163958	52.553	ug/L	100
38) Bromodichloromethane	6.503	83	226329	52.551	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	269650	52.553	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	437417	117.592	ug/L	98
42) Toluene	7.381	91	744062	53.480	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	251738	51.808	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	169590	52.616	ug/L	97
46) Tetrachloroethene	7.969	164	137578	52.829	ug/L	99
48) 2-Hexanone	8.133	43	326368	114.840	ug/L	97
49) Dibromochloromethane	8.236	129	184586	51.871	ug/L	100
50) 1,2-Dibromoethane	8.346	107	175920	52.978	ug/L	100
51) Chlorobenzene	8.873	112	473337	53.727	ug/L	99
52) Ethylbenzene	9.005	91	786377	53.761	ug/L	99
53) m,p-Xylene	9.130	106	310762	53.679	ug/L	100
54) o-Xylene	9.535	106	306743	53.565	ug/L	100
55) Styrene	9.551	104	536877	53.948	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	275373	53.410	ug/L	99
59) Bromoform	9.722	173	142585	51.585	ug/L	100
60) Isopropylbenzene	9.921	105	801964	54.590	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	212103	54.916	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	699257	53.833	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	700002	54.366	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	382856	53.300	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	387447	53.074	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	390926	53.221	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	63599	52.980	ug/L	96
69) 1,3,5-Trichlorobenzene	12.632	180	305553	53.452	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	277074	54.508	ug/L	100
71) Naphthalene	13.493	128	666932	57.843	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	276889	55.613	ug/L	99

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

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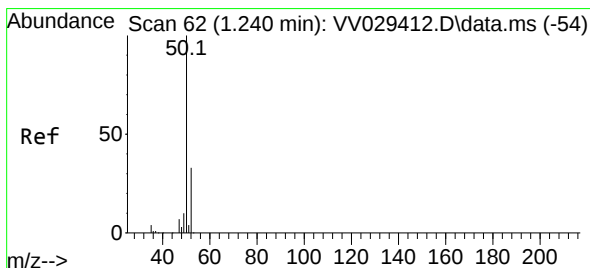
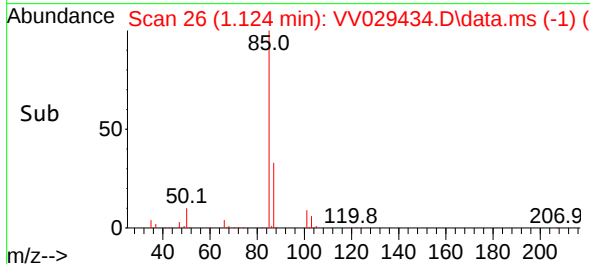
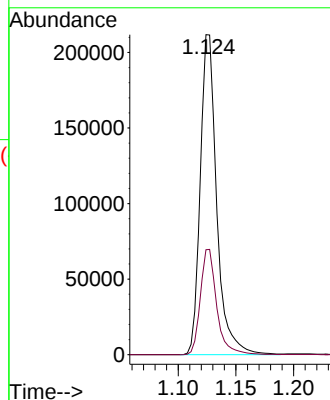
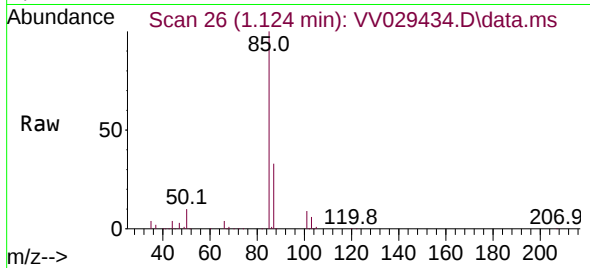




#2
 Dichlorodifluoromethane
 Concen: 53.020 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV029434.D
 Acq: 07 Dec 2022 21:51

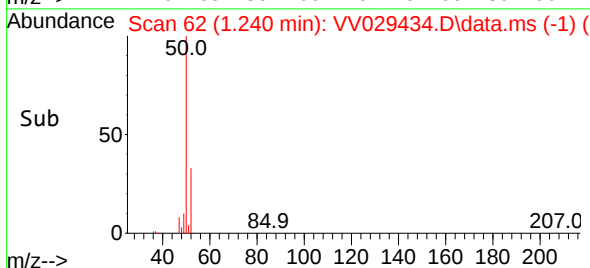
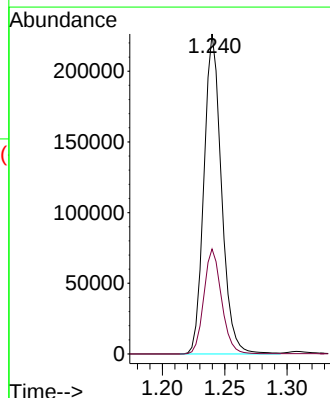
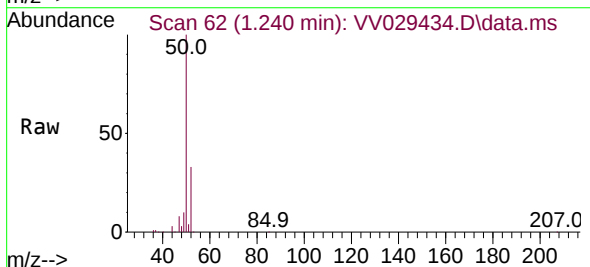
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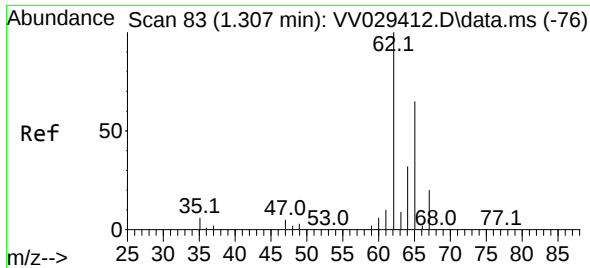
Tgt Ion: 85 Resp: 210034
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.9 38.9



#3
 Chloromethane
 Concen: 49.107 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029434.D
 Acq: 07 Dec 2022 21:51

Tgt Ion: 50 Resp: 221798
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.3 43.3

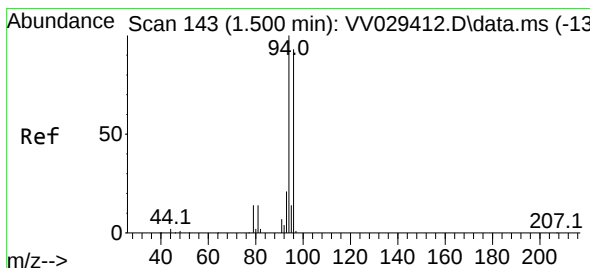
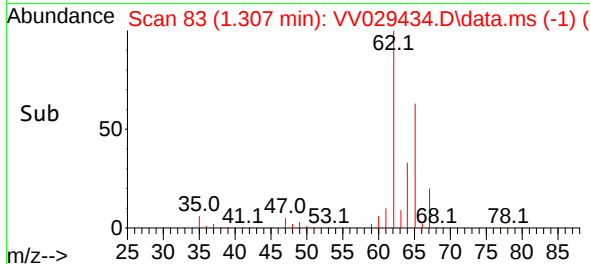
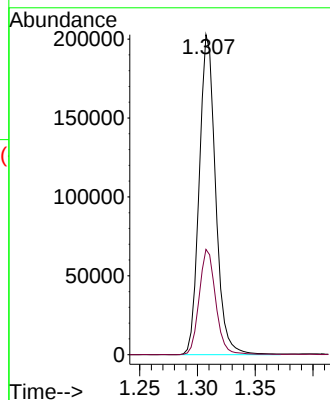
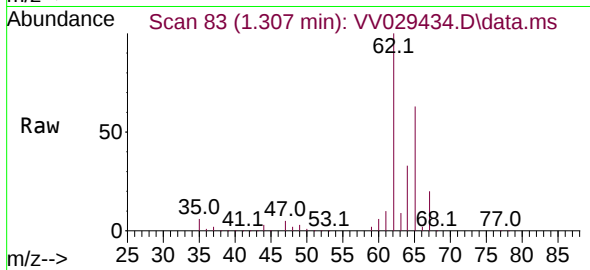




#5
 Vinyl chloride
 Concen: 53.046 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029434.D
 Acq: 07 Dec 2022 21:51

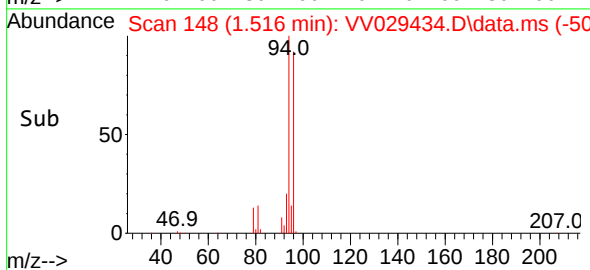
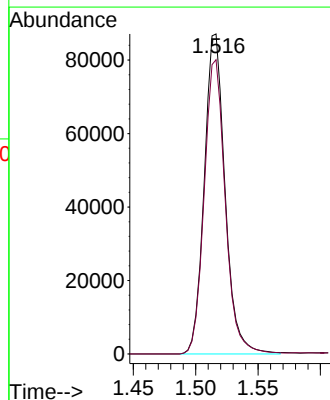
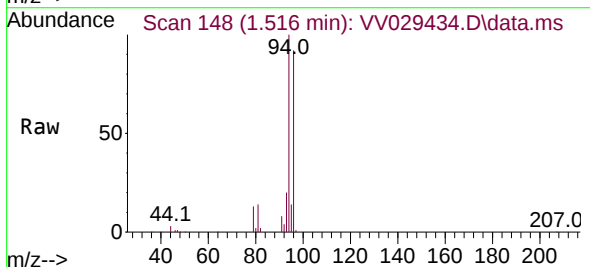
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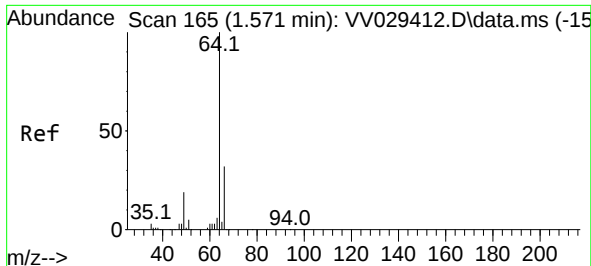
Tgt Ion: 62 Resp: 200454
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.5 41.9



#6
 Bromomethane
 Concen: 66.609 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.016 min
 Lab File: VV029434.D
 Acq: 07 Dec 2022 21:51

Tgt Ion: 94 Resp: 101280
 Ion Ratio Lower Upper
 94 100
 96 92.0 65.1 120.9

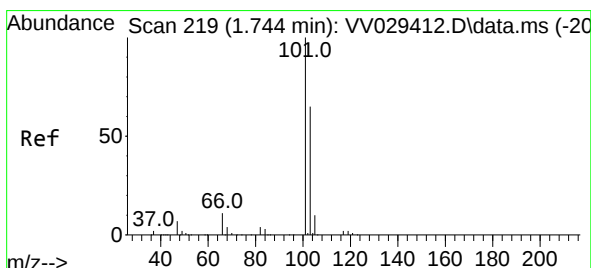
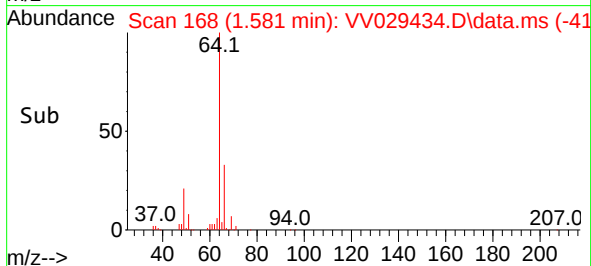
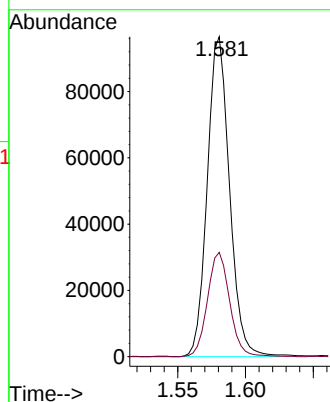
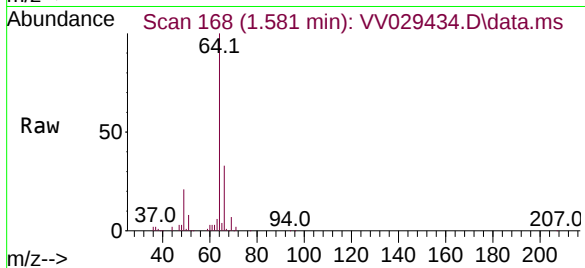




#8
Chloroethane
Concen: 52.408 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

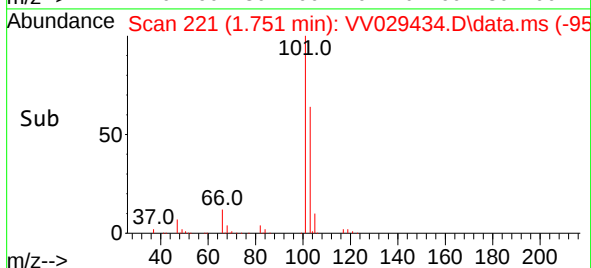
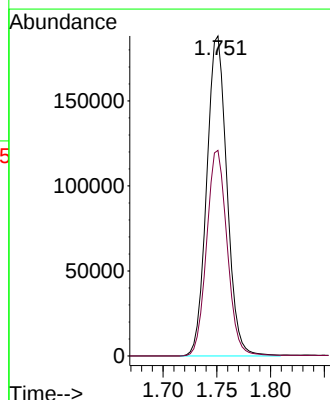
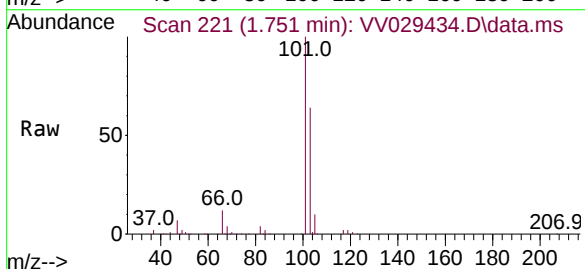
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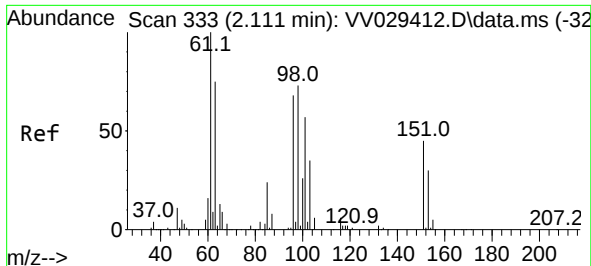
Tgt Ion: 64 Resp: 110277
Ion Ratio Lower Upper
64 100
66 32.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 52.159 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.007 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Tgt Ion:101 Resp: 246745
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8

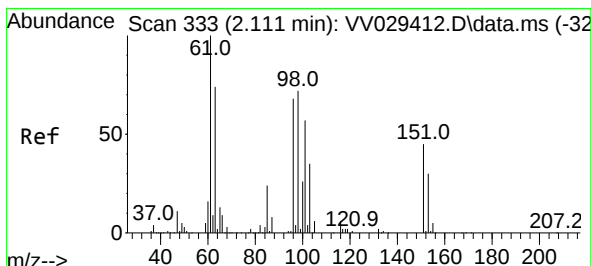
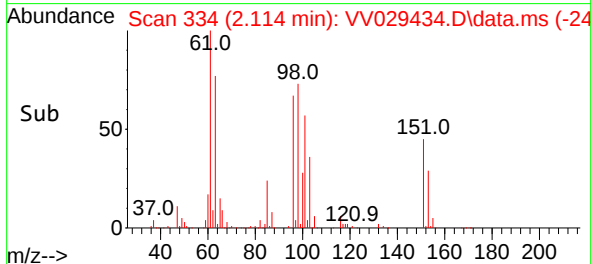
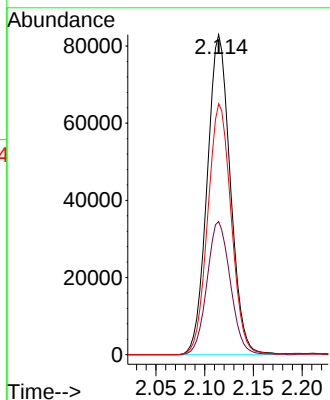
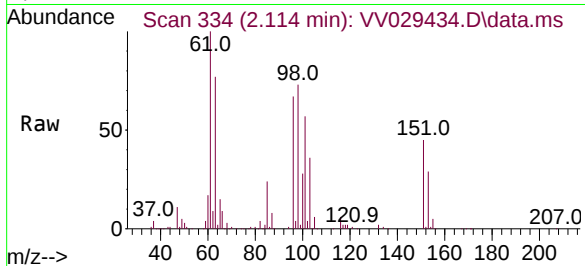




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.170 ug/L
RT: 2.114 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

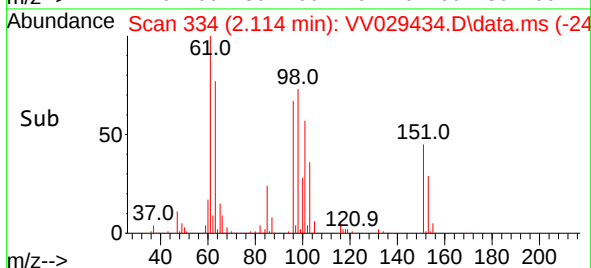
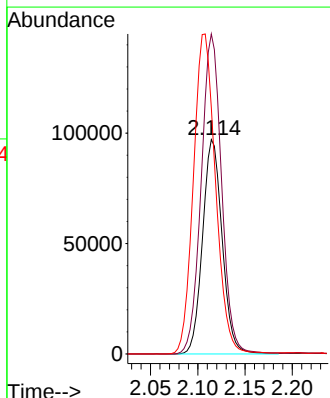
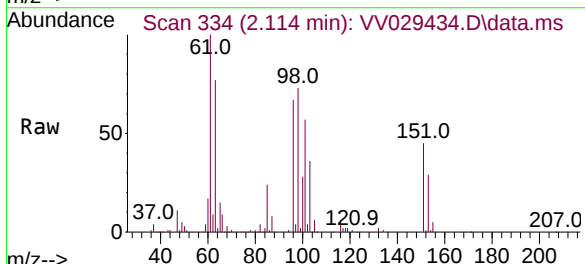
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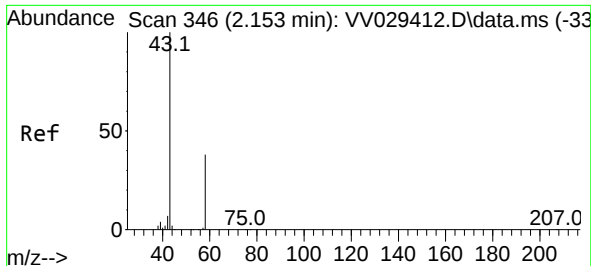
Tgt Ion:101 Resp: 137136
Ion Ratio Lower Upper
101 100
85 42.0 33.6 50.4
151 79.4 63.5 95.3



#12
1,1-Dichloroethene
Concen: 52.119 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Tgt Ion: 96 Resp: 140108
Ion Ratio Lower Upper
96 100
61 149.3 103.3 191.9
63 114.9 77.3 143.7

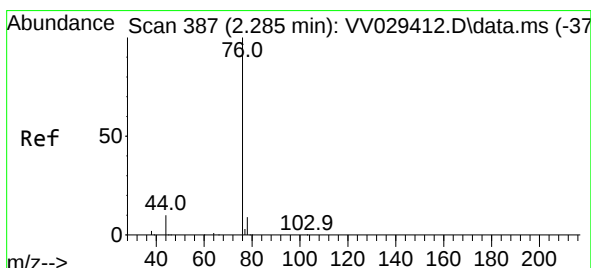
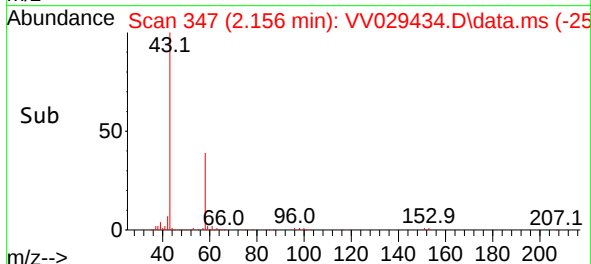
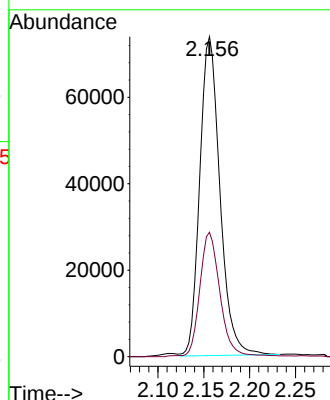
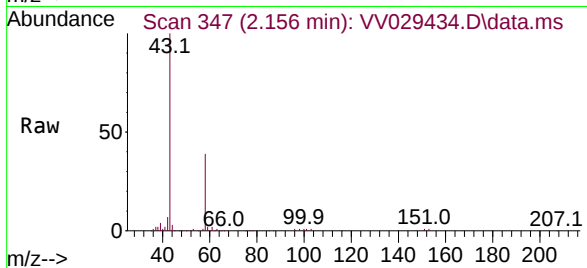




#13
Acetone
Concen: 92.418 ug/L
RT: 2.156 min Scan# 34
Delta R.T. 0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

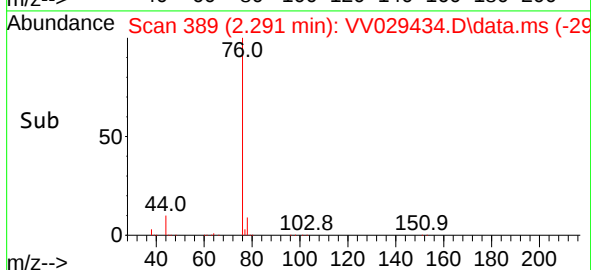
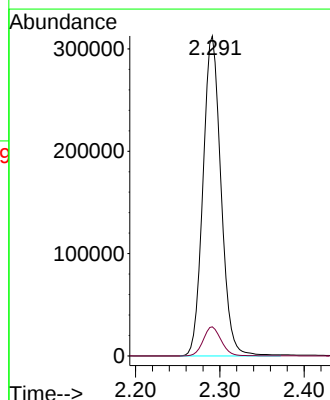
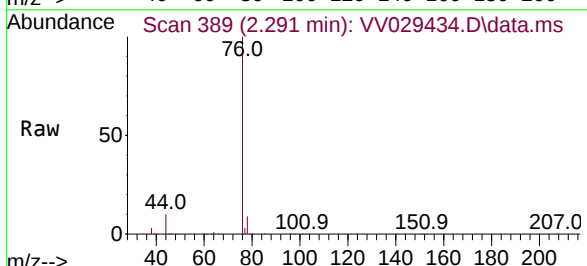
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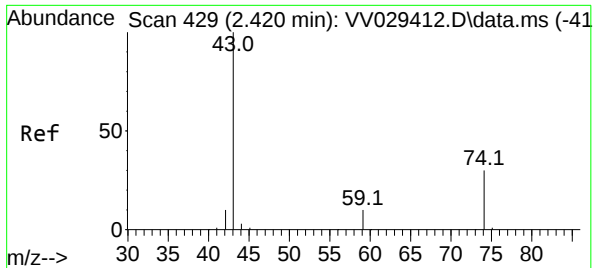
Tgt Ion: 43 Resp: 113107
Ion Ratio Lower Upper
43 100
58 37.4 0.0 74.8



#14
Carbon disulfide
Concen: 52.110 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.007 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Tgt Ion: 76 Resp: 466216
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

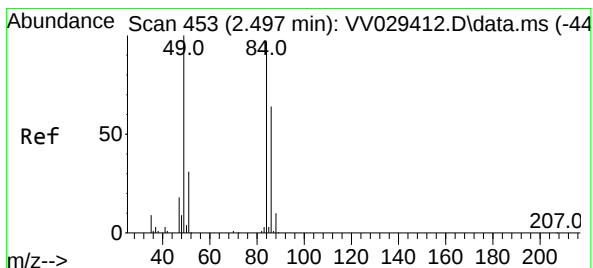
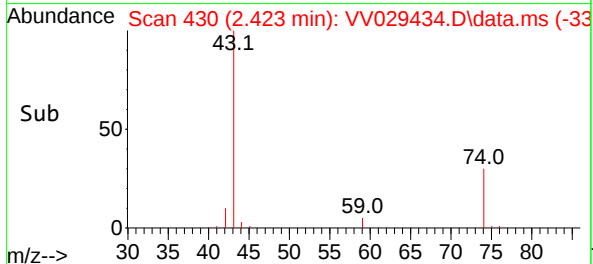
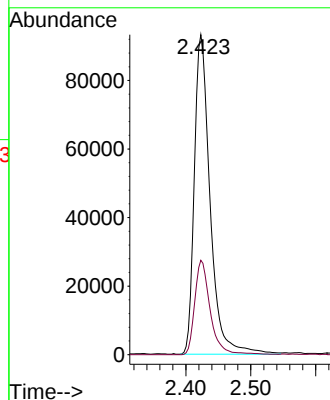
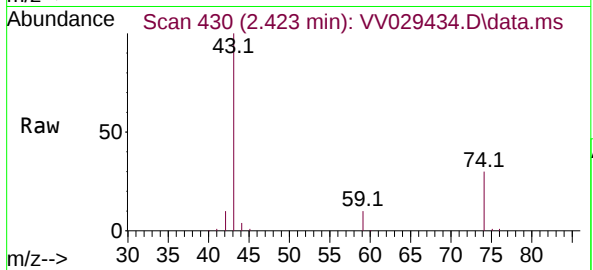




#15
Methyl Acetate
Concen: 56.623 ug/L
RT: 2.423 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

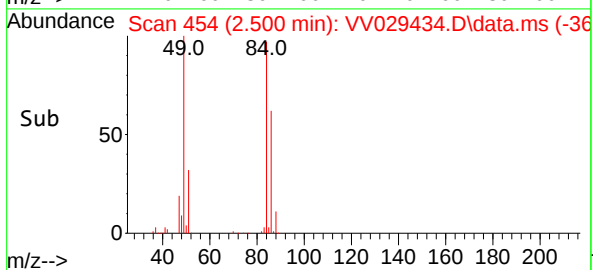
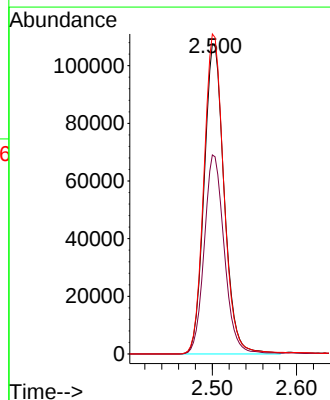
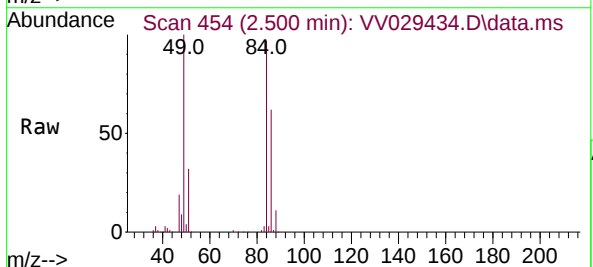
Instrument :
MSVOA_V
ClientSampleId :
VSTD050374

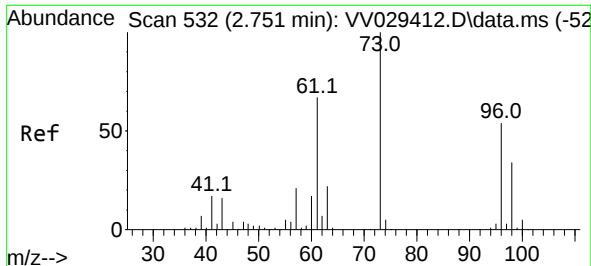
Tgt Ion: 43 Resp: 157886
Ion Ratio Lower Upper
43 100
74 28.7 23.5 35.3



#16
Methylene chloride
Concen: 53.466 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Tgt Ion: 84 Resp: 178708
Ion Ratio Lower Upper
84 100
86 64.2 46.0 85.4
49 103.2 72.2 134.0

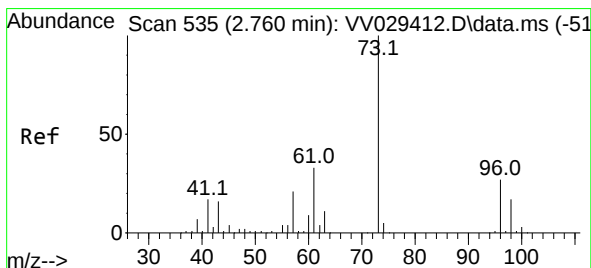
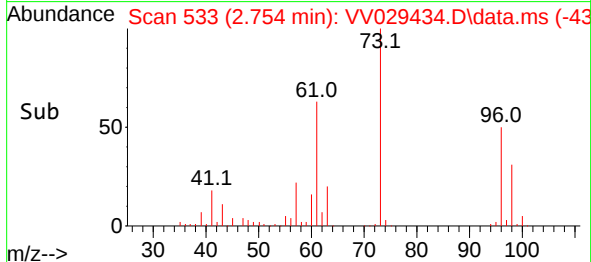
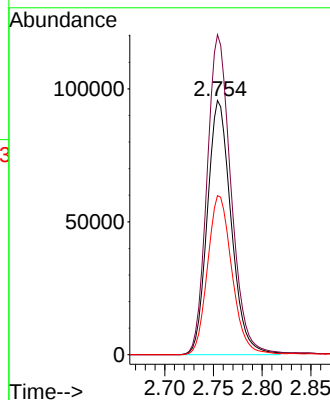
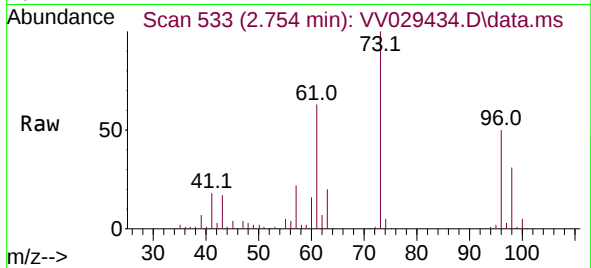




#17
trans-1,2-Dichloroethene
Concen: 52.613 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

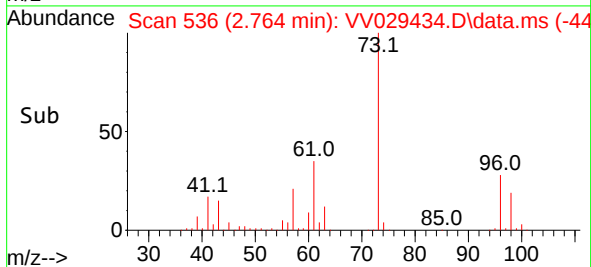
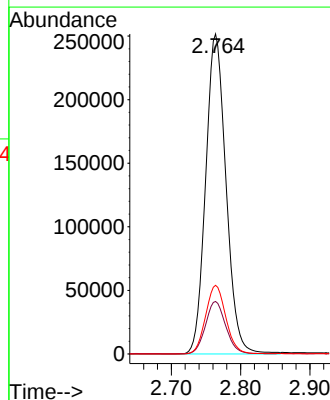
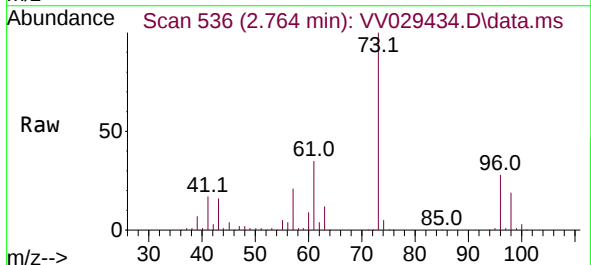
Instrument :
MSVOA_V
ClientSampleId :
VSTD050374

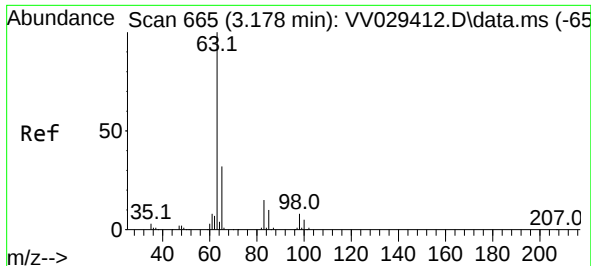
Tgt Ion: 96 Resp: 162965
Ion Ratio Lower Upper
96 100
61 125.9 86.4 160.4
98 62.5 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 54.031 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Tgt Ion: 73 Resp: 512754
Ion Ratio Lower Upper
73 100
43 16.2 12.7 19.1
57 21.3 16.7 25.1





#19

1,1-Dichloroethane

Concen: 53.459 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.007 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050374

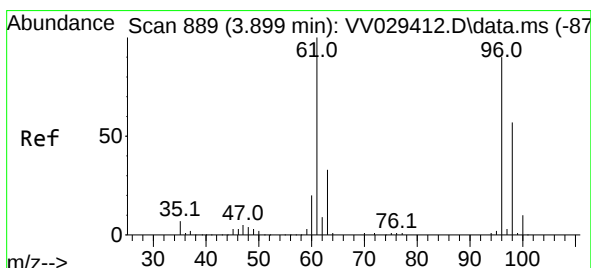
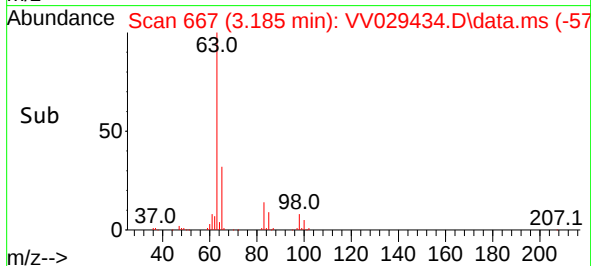
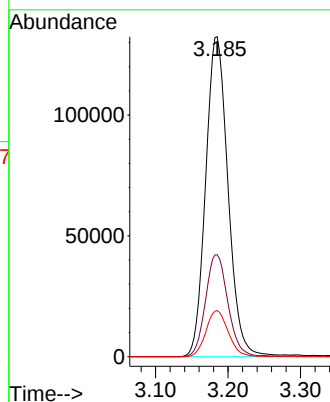
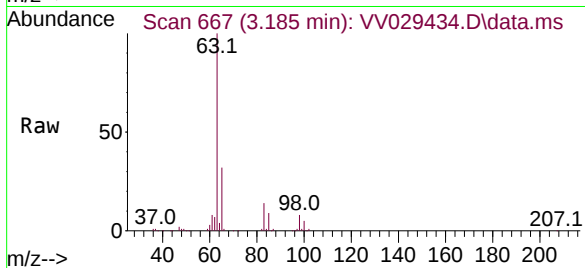
Tgt Ion: 63 Resp: 283676

Ion Ratio Lower Upper

63 100

65 31.9 22.5 41.7

83 14.4 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 53.770 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.007 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

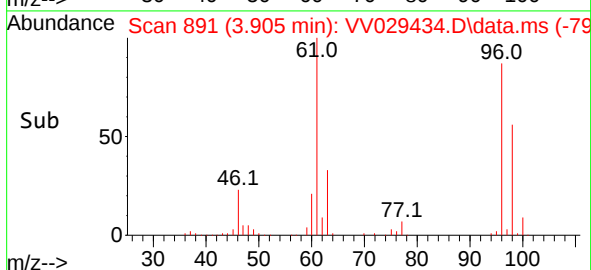
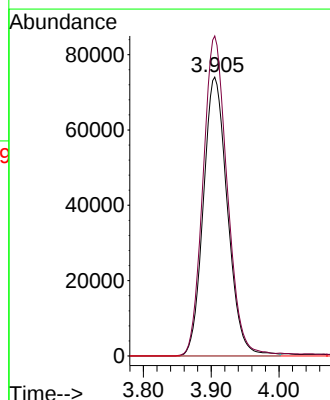
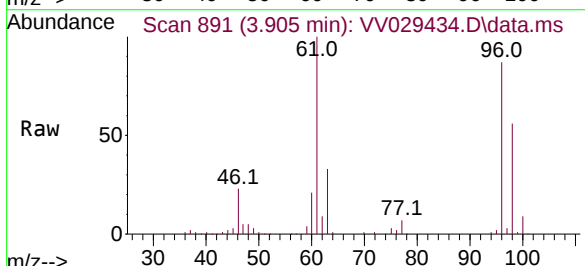
Tgt Ion: 96 Resp: 183143

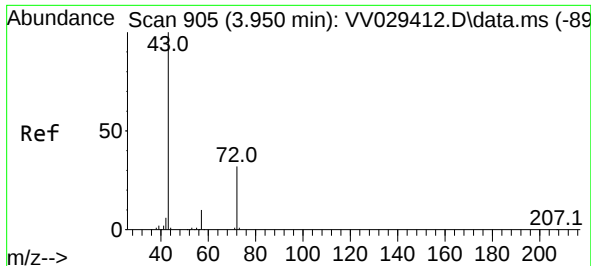
Ion Ratio Lower Upper

96 100

61 114.7 78.0 144.9

68 0.0 0.0 0.0

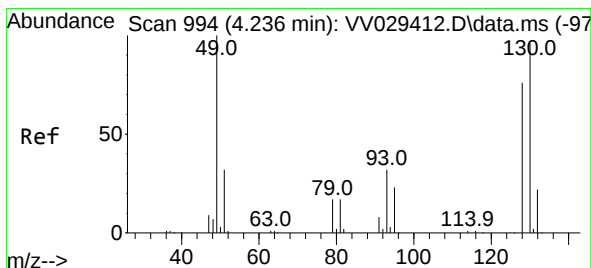
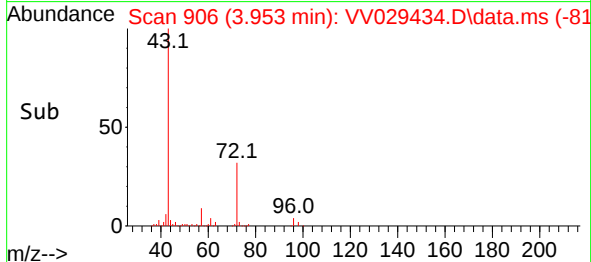
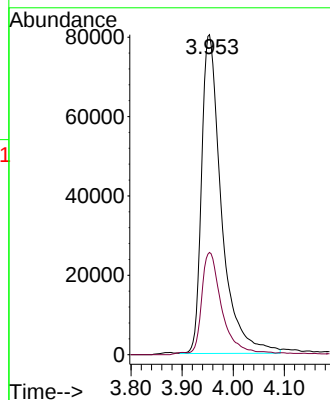
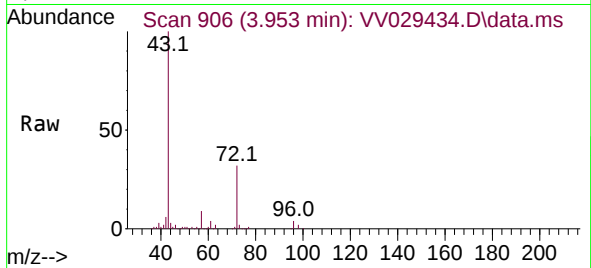




#22
2-Butanone
Concen: 111.528 ug/L
RT: 3.953 min Scan# 905
Delta R.T. 0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

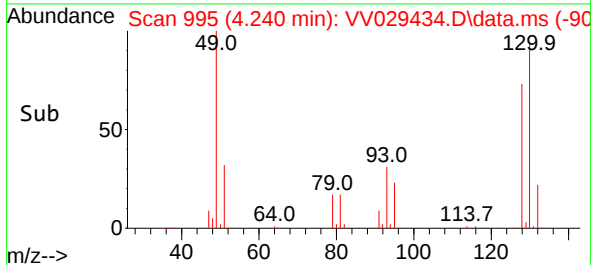
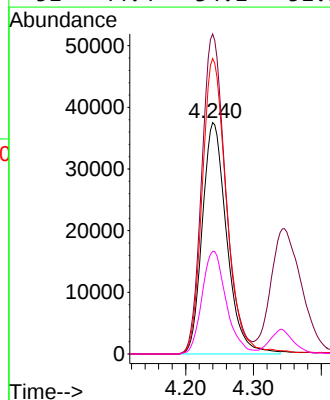
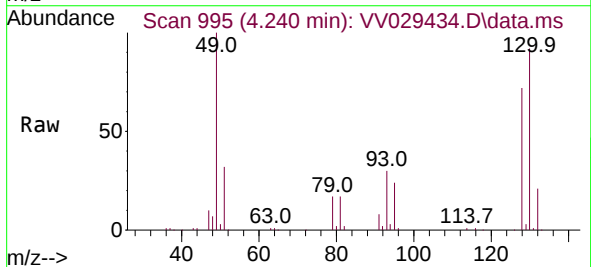
Instrument :
MSVOA_V
ClientSampleId :
VSTD050374

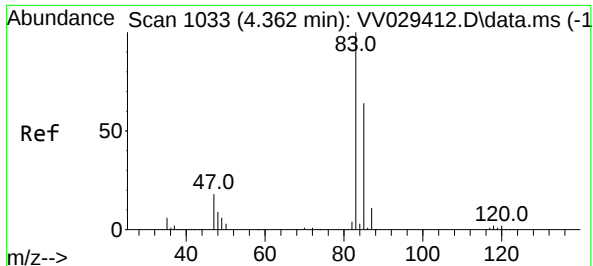
Tgt Ion: 43 Resp: 217187
Ion Ratio Lower Upper
43 100
72 30.9 15.9 47.6



#23
Bromochloromethane
Concen: 53.338 ug/L
RT: 4.240 min Scan# 995
Delta R.T. 0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Tgt Ion:128 Resp: 93547
Ion Ratio Lower Upper
128 100
49 138.3 92.2 171.2
130 127.7 88.3 164.1
51 44.4 34.1 51.1

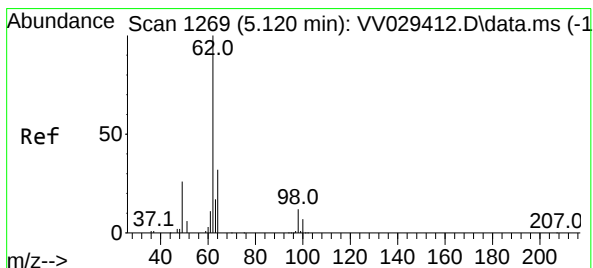
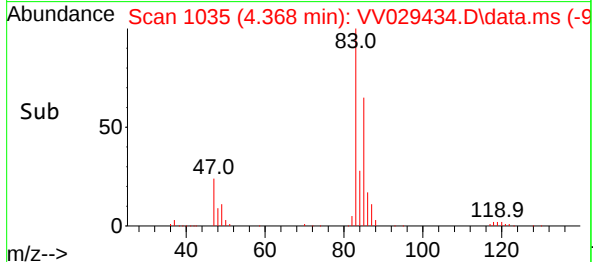
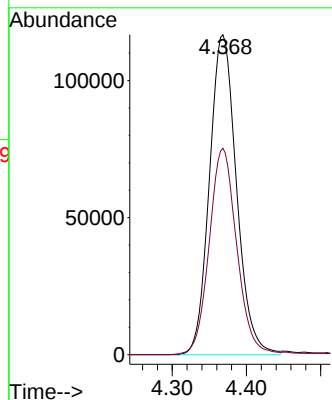
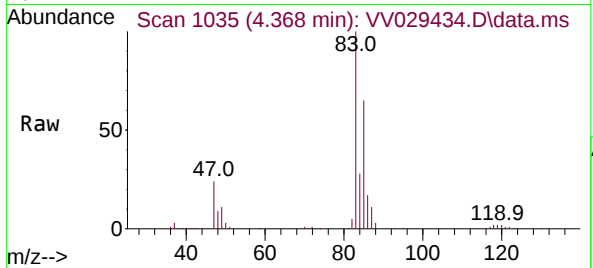




#25
Chloroform
Concen: 53.674 ug/L
RT: 4.368 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

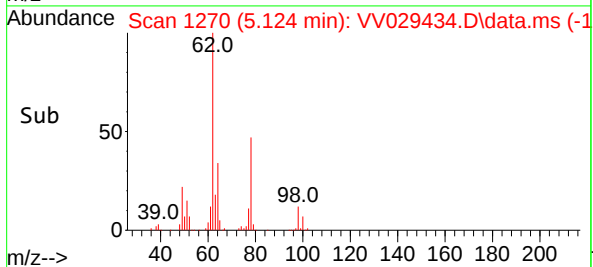
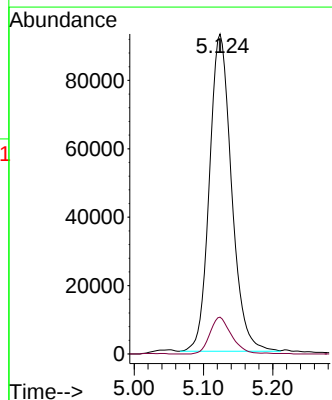
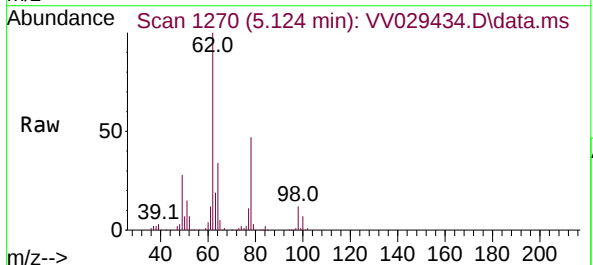
Instrument :
MSVOA_V
ClientSampleId :
VSTD050374

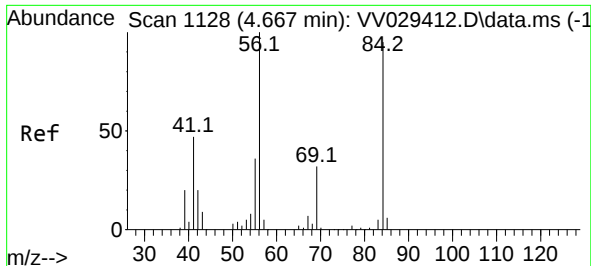
Tgt Ion: 83 Resp: 295271
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 53.008 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. 0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Tgt Ion: 62 Resp: 205995
Ion Ratio Lower Upper
62 100
98 11.5 9.4 14.0





#29

Cyclohexane

Concen: 54.183 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050374

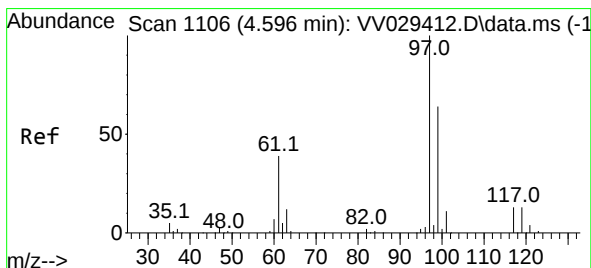
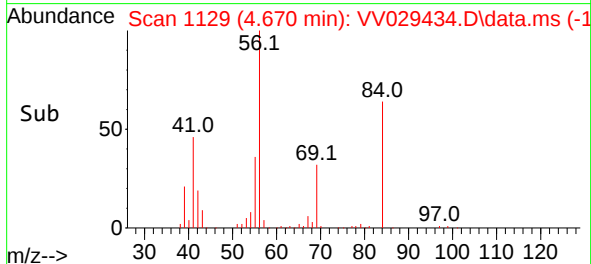
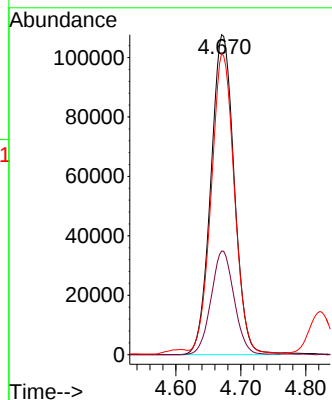
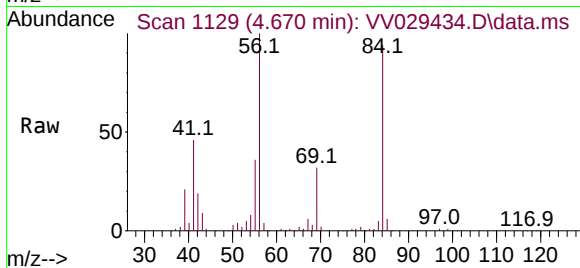
Tgt Ion: 56 Resp: 269165

Ion Ratio Lower Upper

56 100

69 32.0 25.8 38.8

84 92.0 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 52.555 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

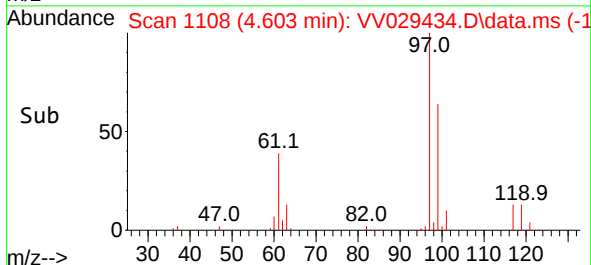
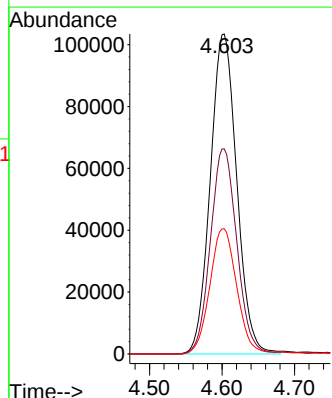
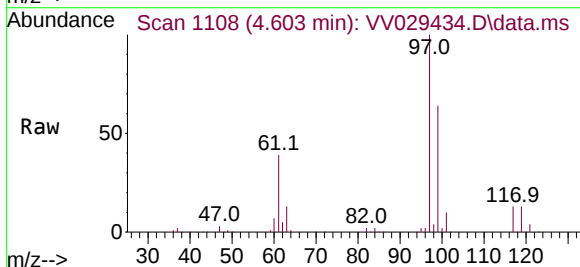
Tgt Ion: 97 Resp: 262577

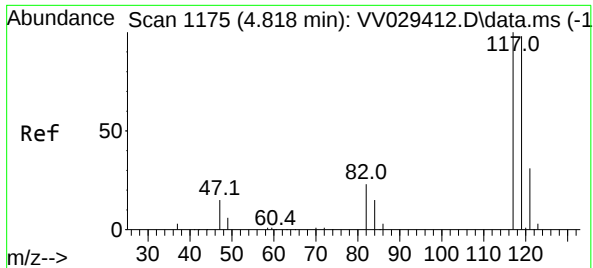
Ion Ratio Lower Upper

97 100

99 63.9 52.1 78.1

61 39.6 31.8 47.8

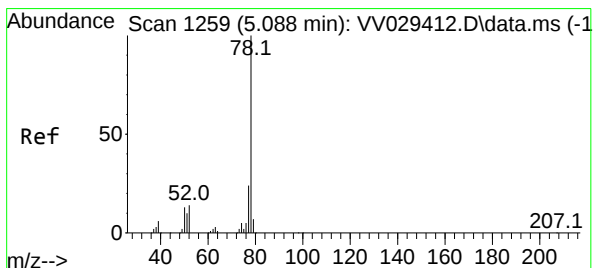
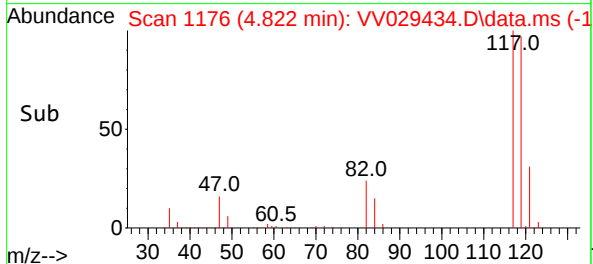
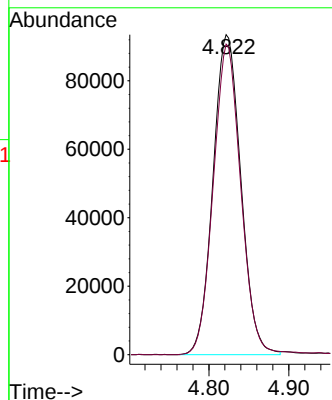
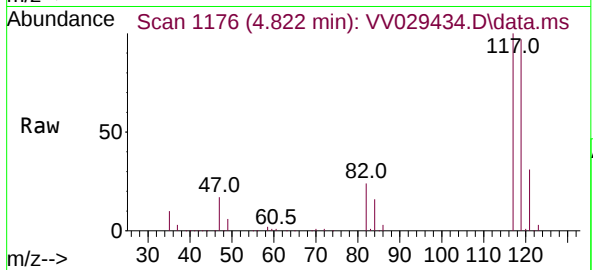




#31
Carbon tetrachloride
Concen: 51.692 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

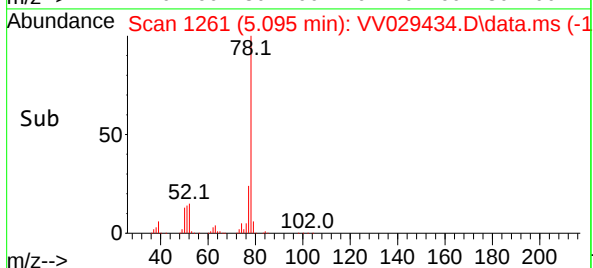
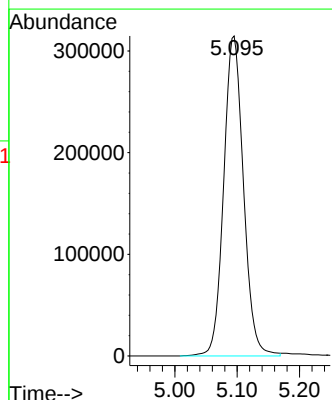
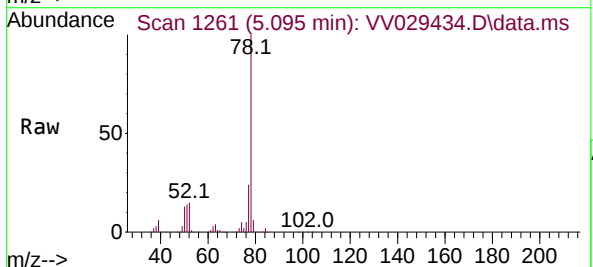
Instrument :
MSVOA_V
ClientSampleId :
VSTD050374

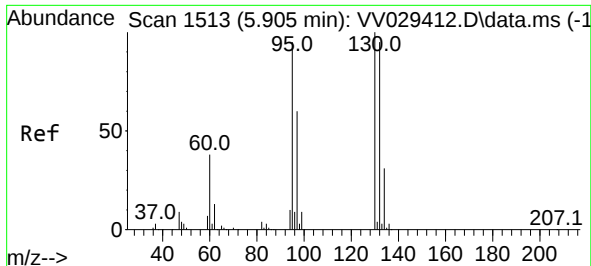
Tgt Ion:117 Resp: 225530
Ion Ratio Lower Upper
117 100
119 96.4 76.7 115.1



#33
Benzene
Concen: 53.634 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.007 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Tgt Ion: 78 Resp: 693280



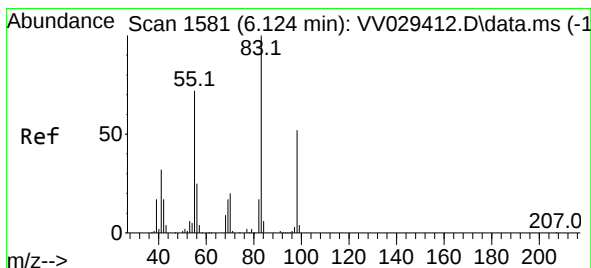
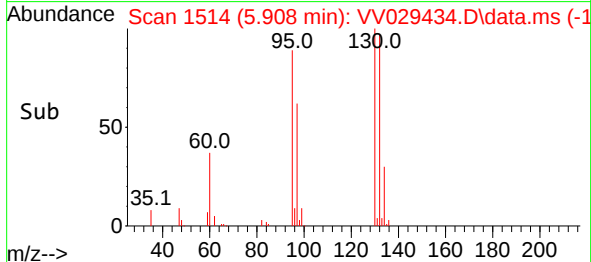
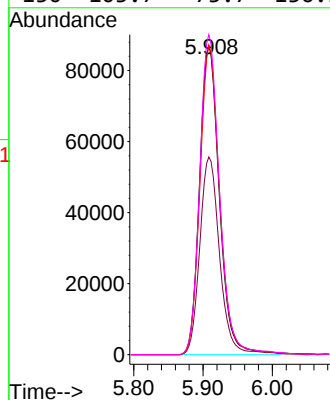
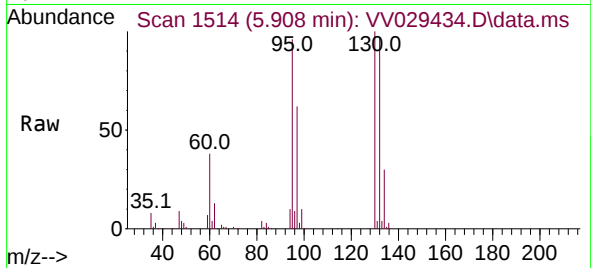


#34
Trichloroethene
Concen: 53.386 ug/L
RT: 5.908 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD050374

Tgt Ion: 95 Resp: 172924

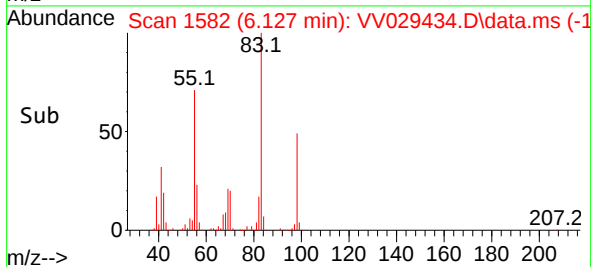
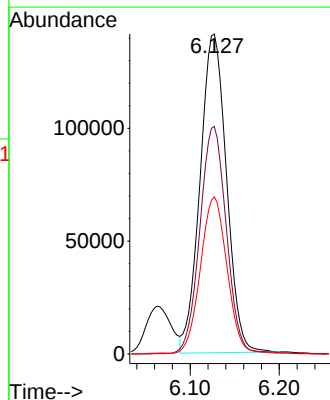
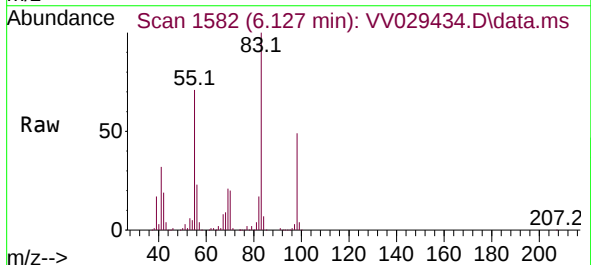
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.0	81.8
132	100.3	69.9	129.9
130	103.7	73.7	136.9

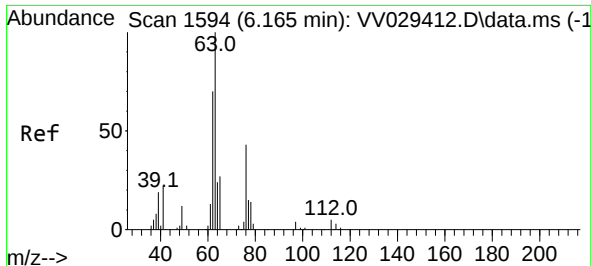


#35
Methylcyclohexane
Concen: 52.954 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Tgt Ion: 83 Resp: 291321

Ion	Ratio	Lower	Upper
83	100		
55	71.5	55.5	83.3
98	49.7	39.8	59.8





#37

1,2-Dichloropropane

Concen: 52.553 ug/L

RT: 6.169 min Scan# 1594

Delta R.T. 0.003 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

Instrument :

MSVOA_V

ClientSampleId :

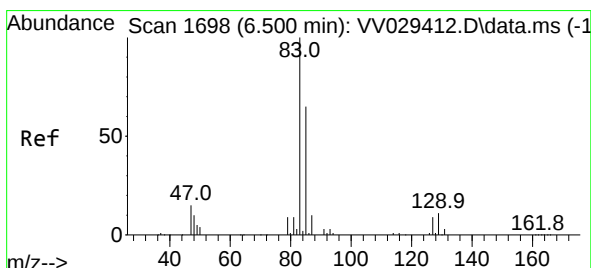
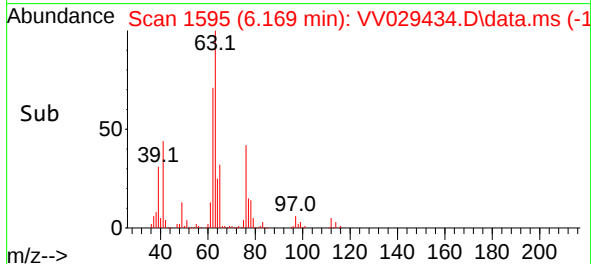
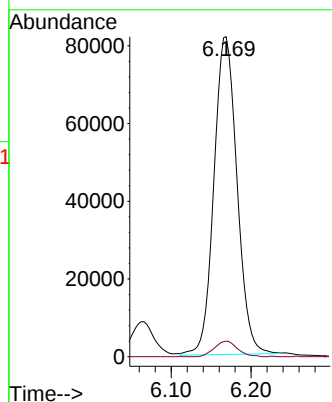
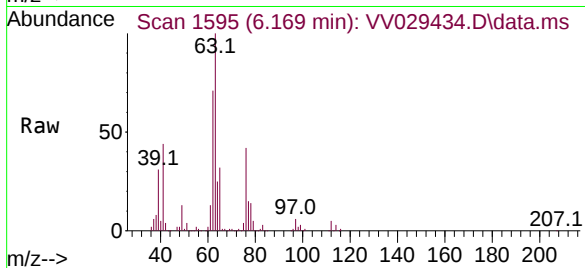
VSTD050374

Tgt Ion: 63 Resp: 163958

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 52.551 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

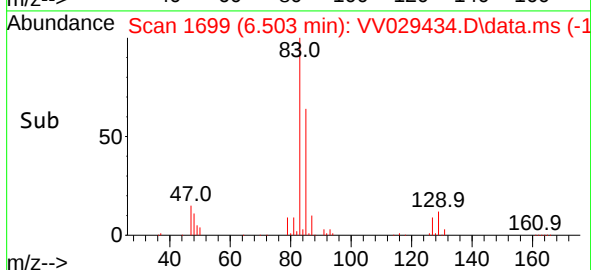
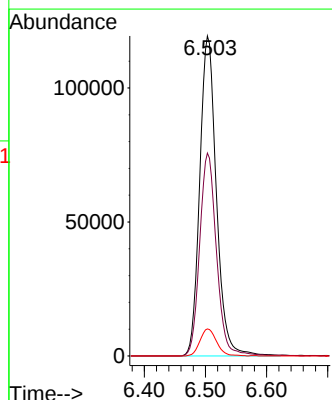
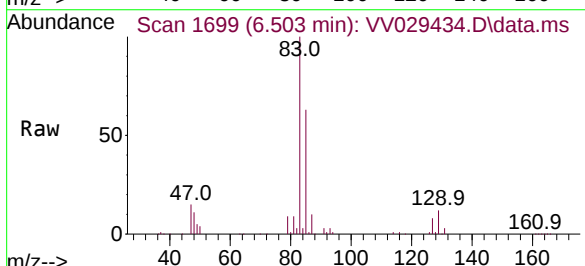
Tgt Ion: 83 Resp: 226329

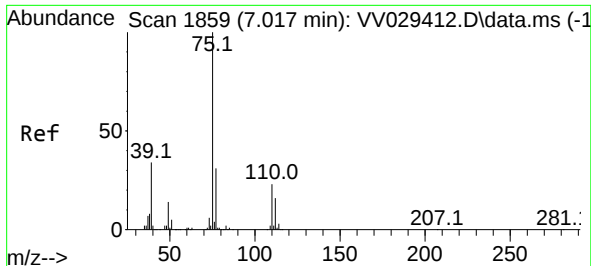
Ion Ratio Lower Upper

83 100

85 63.4 45.3 84.1

127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 52.553 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

Instrument :

MSVOA_V

ClientSampleId :

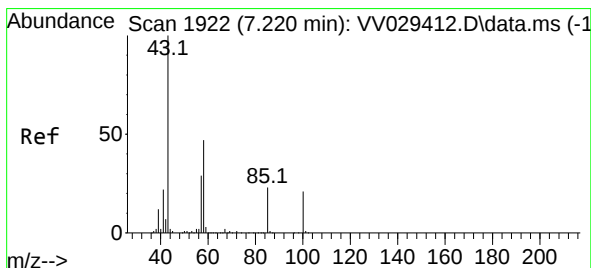
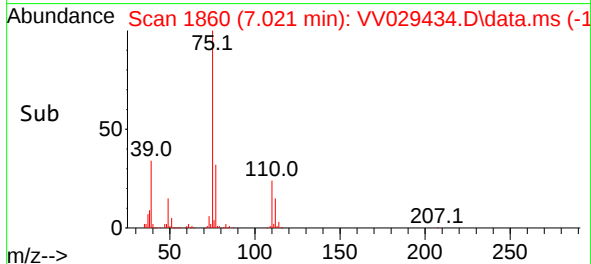
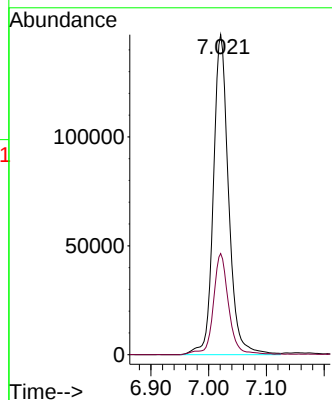
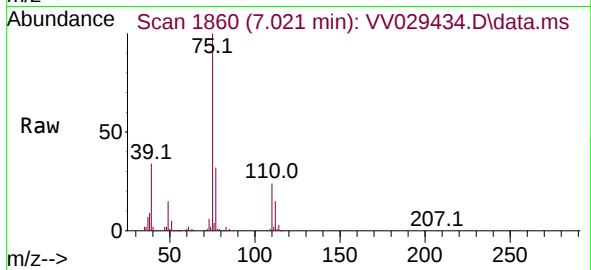
VSTD050374

Tgt Ion: 75 Resp: 269650

Ion Ratio Lower Upper

75 100

77 31.6 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 117.592 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

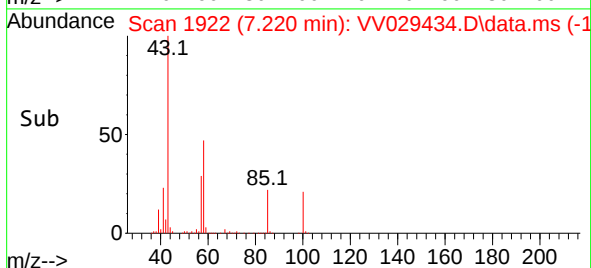
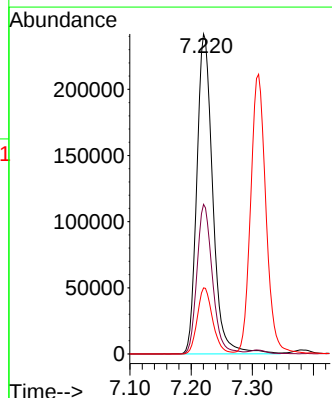
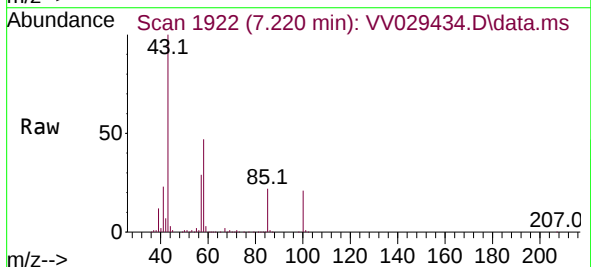
Tgt Ion: 43 Resp: 437417

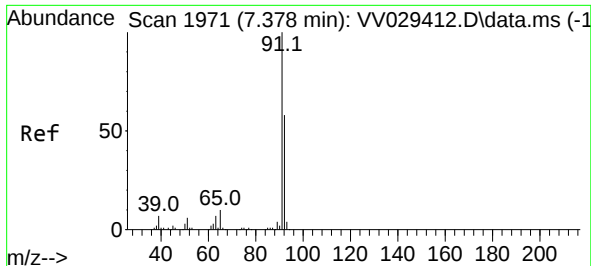
Ion Ratio Lower Upper

43 100

58 45.5 37.5 56.3

100 19.9 16.7 25.1

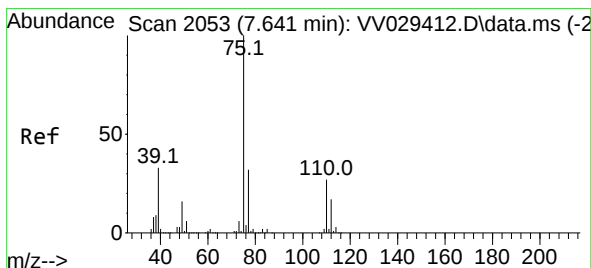
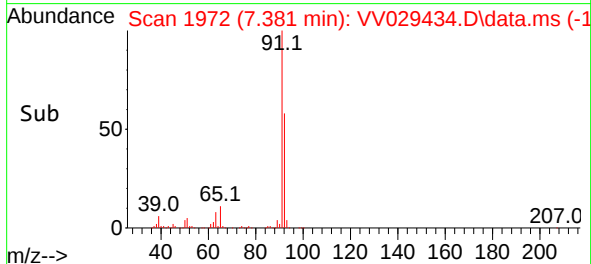
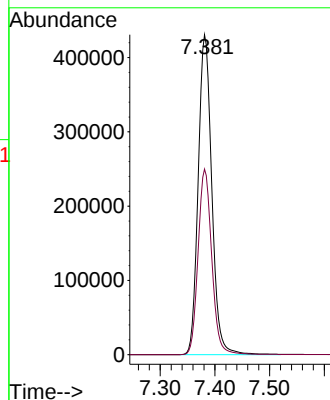
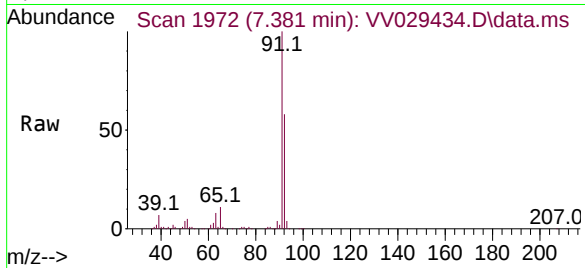




#42
Toluene
Concen: 53.480 ug/L
RT: 7.381 min Scan# 1971
Delta R.T. 0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

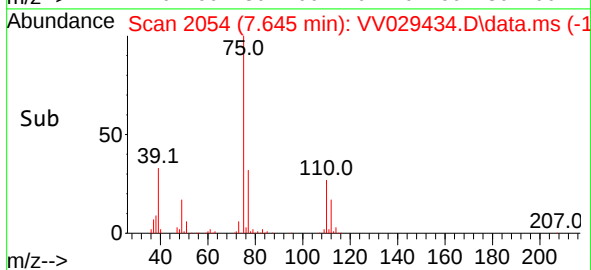
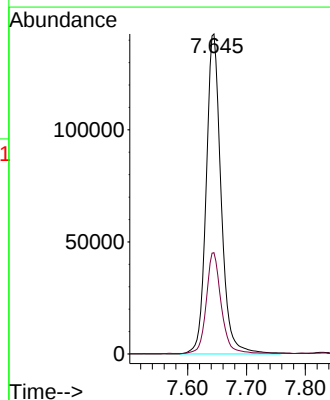
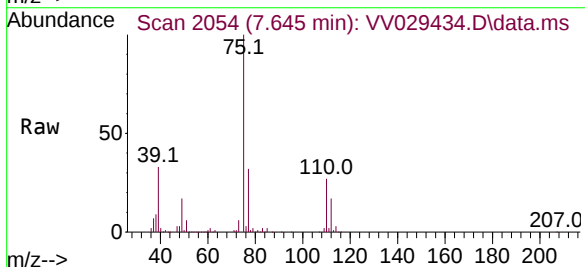
Instrument :
MSVOA_V
ClientSampleId :
VSTD050374

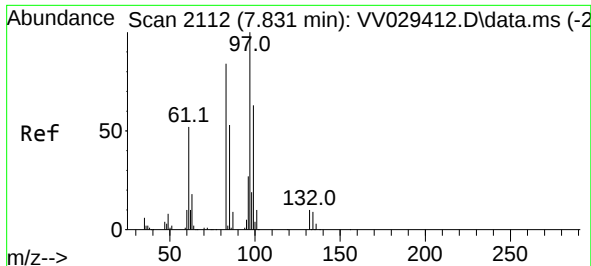
Tgt Ion: 91 Resp: 744062
Ion Ratio Lower Upper
91 100
92 58.0 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 51.808 ug/L
RT: 7.645 min Scan# 2054
Delta R.T. 0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Tgt Ion: 75 Resp: 251738
Ion Ratio Lower Upper
75 100
77 31.7 22.3 41.5



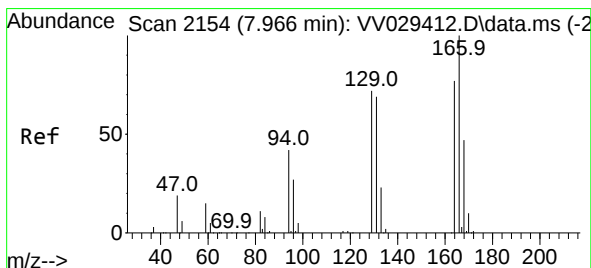
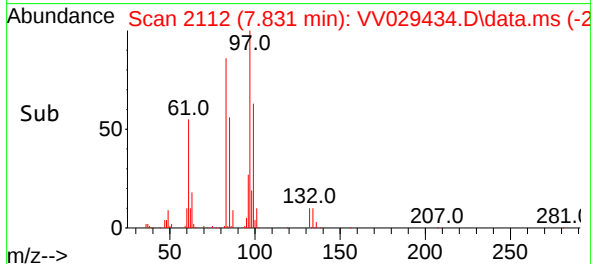
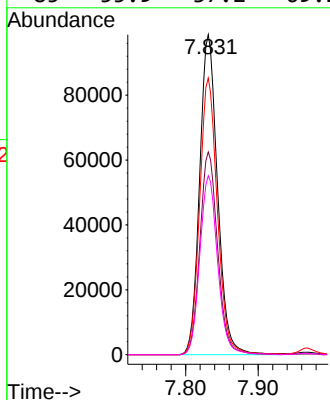
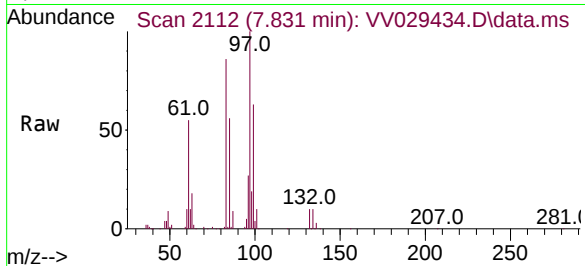


#45
1,1,2-Trichloroethane
Concen: 52.616 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD050374

Tgt Ion: 97 Resp: 169590

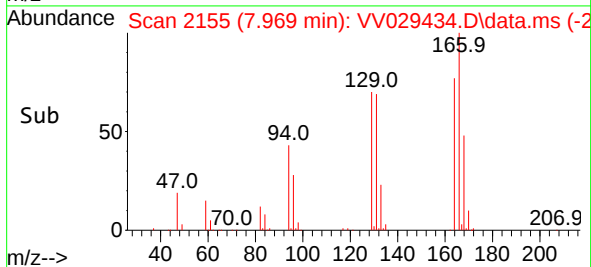
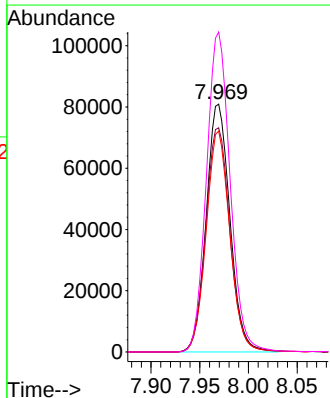
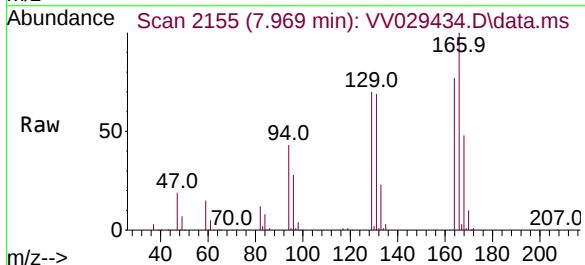
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.8	81.3
83	86.5	58.6	108.8
85	55.9	37.2	69.2

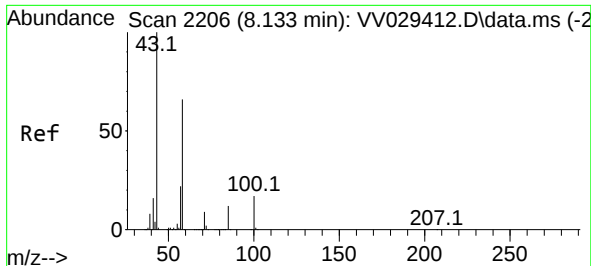


#46
Tetrachloroethene
Concen: 52.829 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Tgt Ion: 164 Resp: 137578

Ion	Ratio	Lower	Upper
164	100		
129	90.5	65.3	121.3
131	89.2	63.1	117.1
166	129.1	90.8	168.6

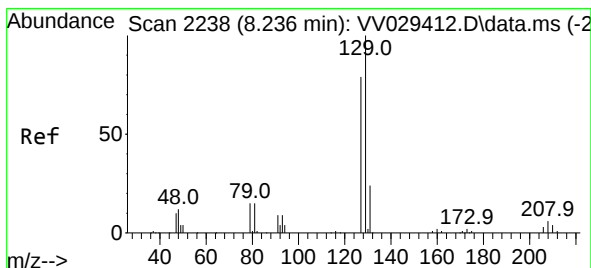
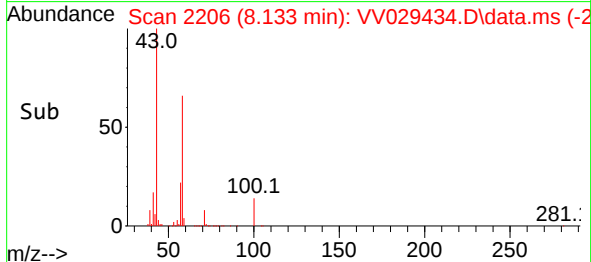
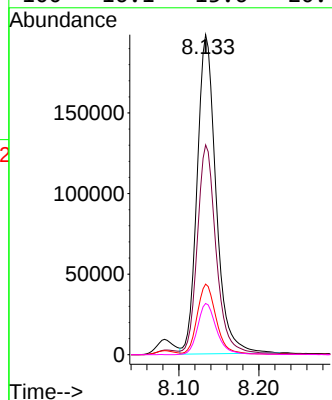
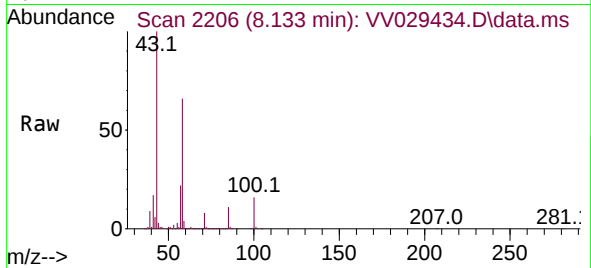




#48
2-Hexanone
Concen: 114.840 ug/L
RT: 8.133 min Scan# 2206
Delta R.T. 0.000 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

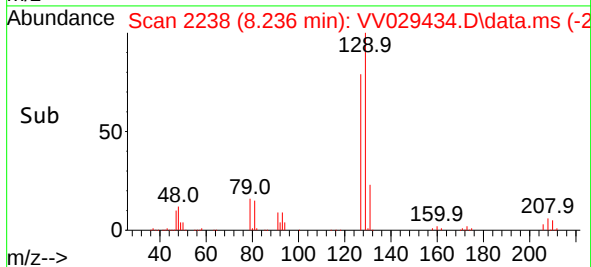
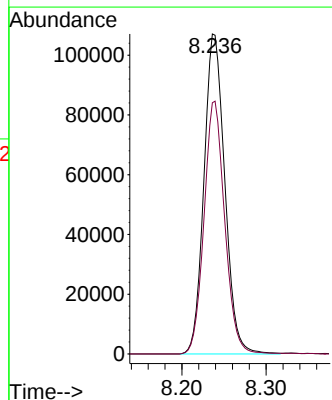
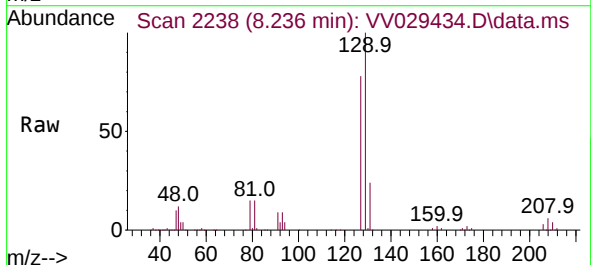
Instrument :
MSVOA_V
ClientSampleId :
VSTD050374

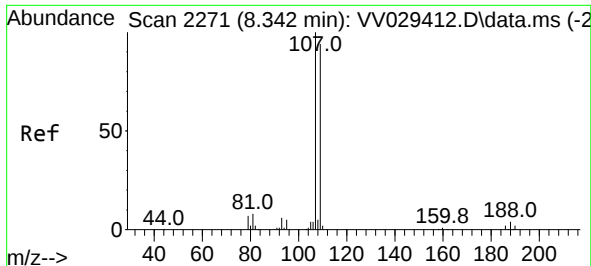
Tgt Ion: 43 Resp: 326368
Ion Ratio Lower Upper
43 100
58 64.3 54.1 81.1
57 22.2 17.4 26.0
100 16.1 13.6 20.4



#49
Dibromochloromethane
Concen: 51.871 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Tgt Ion: 129 Resp: 184586
Ion Ratio Lower Upper
129 100
127 78.5 55.2 102.4





#50

1,2-Dibromoethane

Concen: 52.978 ug/L

RT: 8.346 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050374

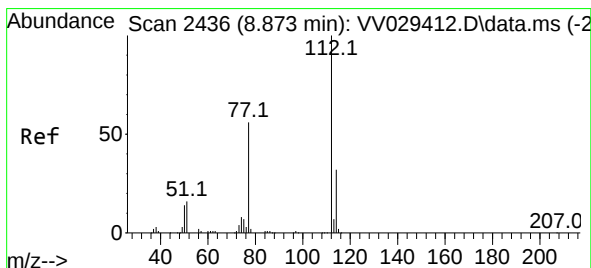
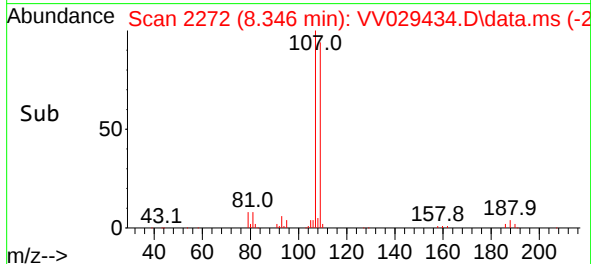
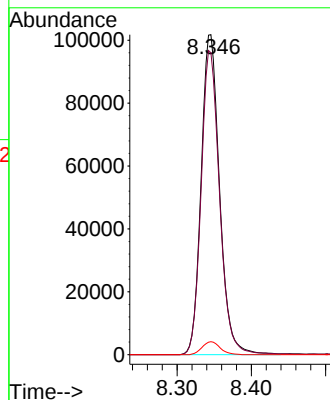
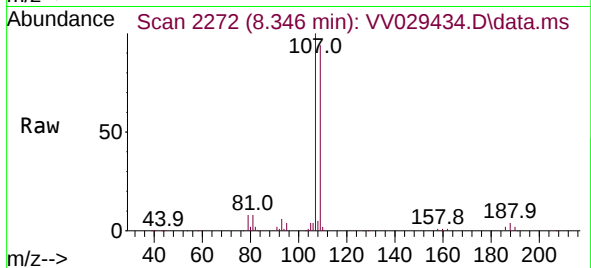
Tgt Ion:107 Resp: 175920

Ion Ratio Lower Upper

107 100

109 94.3 66.0 122.6

188 4.1 3.2 4.8



#51

Chlorobenzene

Concen: 53.727 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

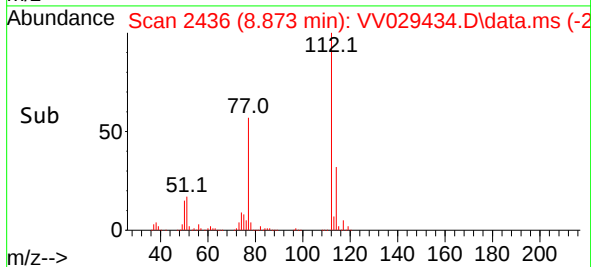
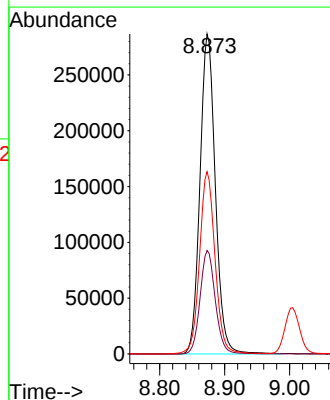
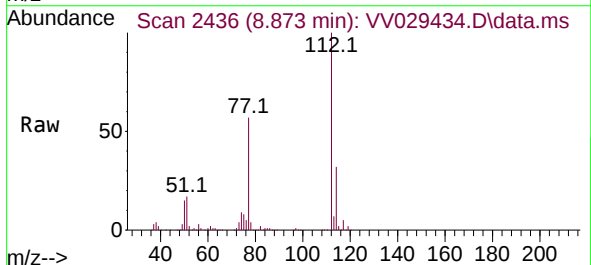
Tgt Ion:112 Resp: 473337

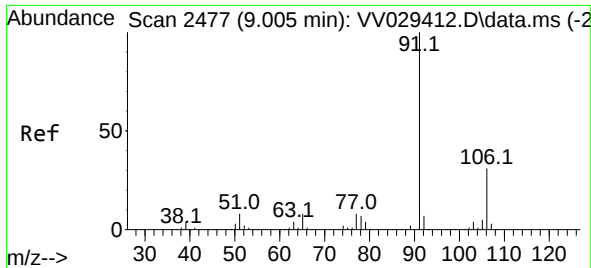
Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.3

77 57.0 45.0 67.4

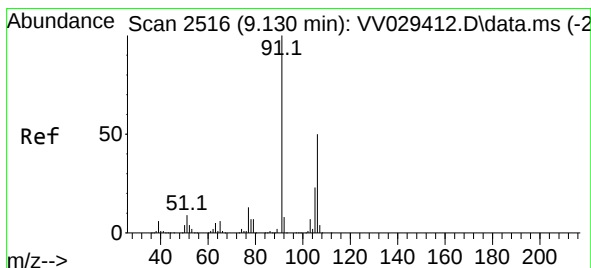
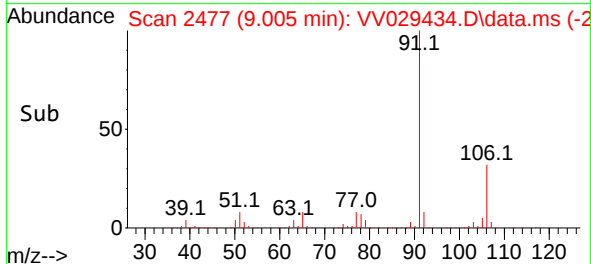
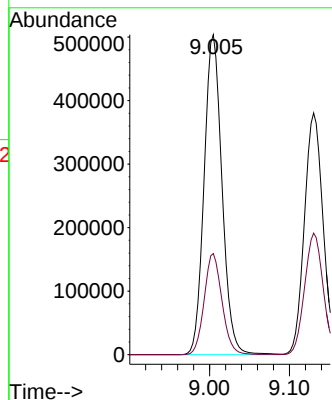
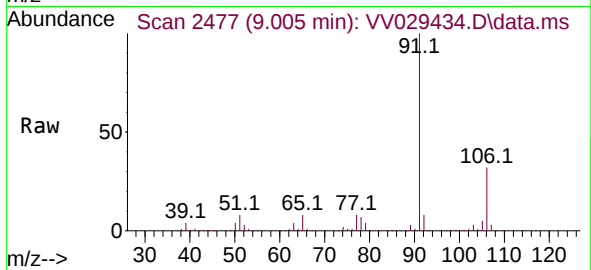




#52
Ethylbenzene
Concen: 53.761 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

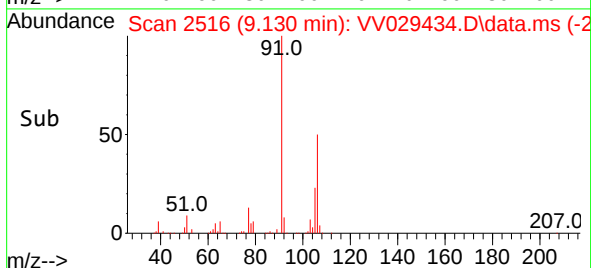
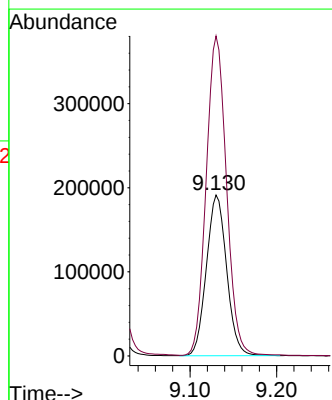
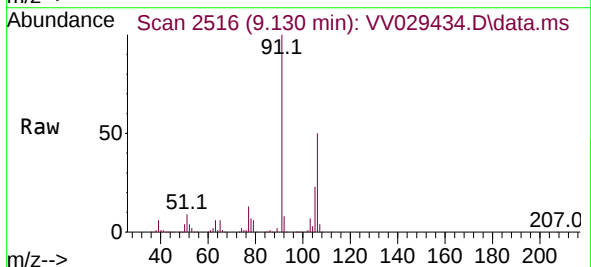
Instrument :
MSVOA_V
ClientSampleId :
VSTD050374

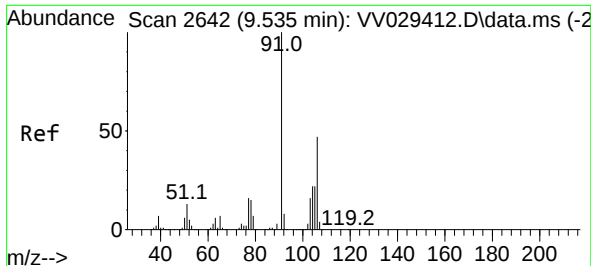
Tgt Ion: 91 Resp: 786377
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.6



#53
m,p-Xylene
Concen: 53.679 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Tgt Ion:106 Resp: 310762
Ion Ratio Lower Upper
106 100
91 198.9 139.5 259.1

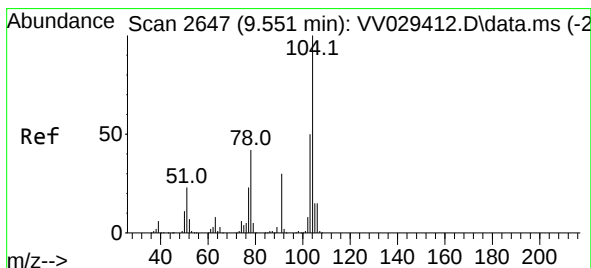
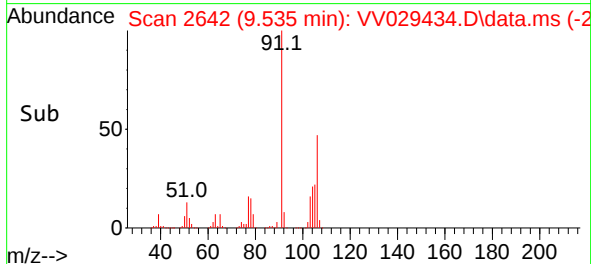
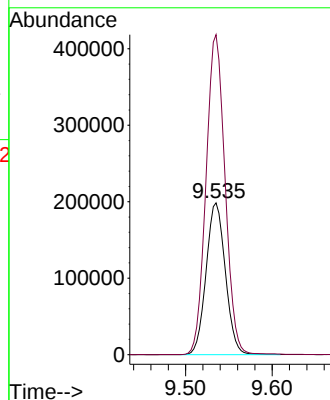
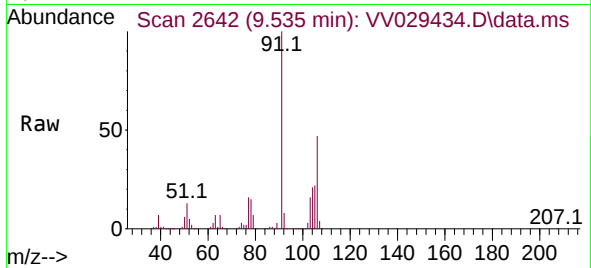




#54
o-Xylene
Concen: 53.565 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

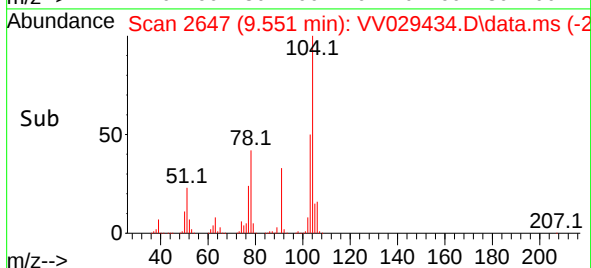
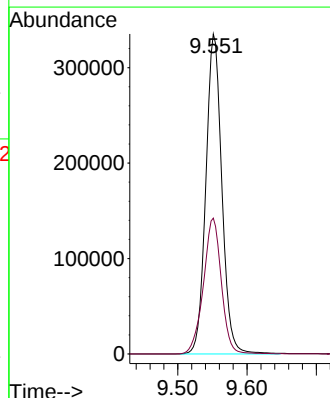
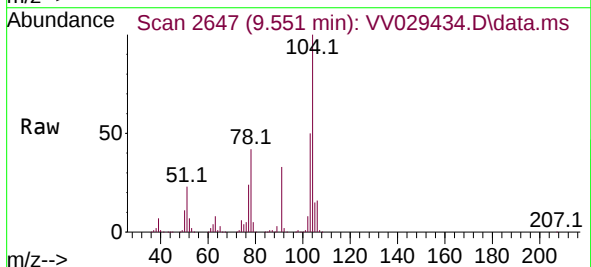
Instrument :
MSVOA_V
ClientSampleId :
VSTD050374

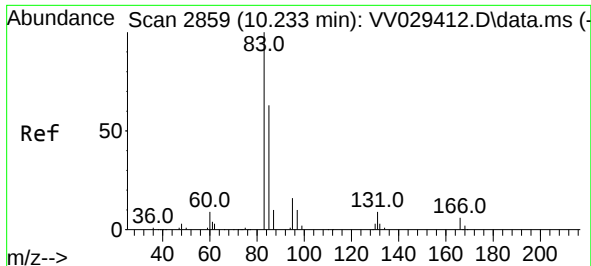
Tgt Ion:106 Resp: 306743
Ion Ratio Lower Upper
106 100
91 210.8 148.0 274.8



#55
Styrene
Concen: 53.948 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Tgt Ion:104 Resp: 536877
Ion Ratio Lower Upper
104 100
78 42.5 29.4 54.6





#57

1,1,2,2-Tetrachloroethane

Concen: 53.410 ug/L

RT: 10.230 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050374

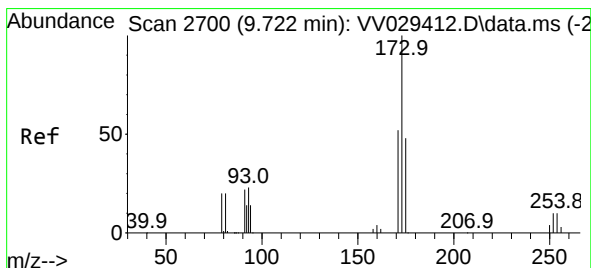
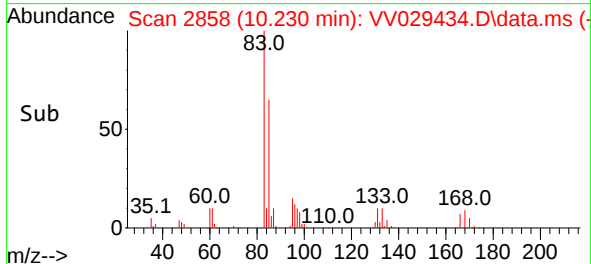
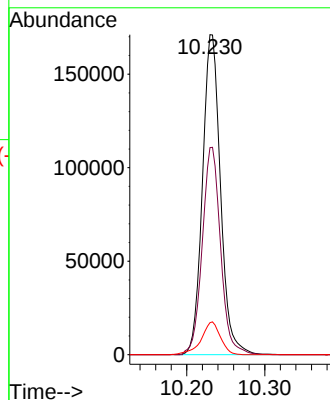
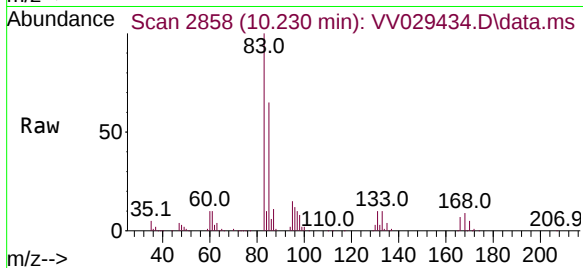
Tgt Ion: 83 Resp: 275373

Ion Ratio Lower Upper

83 100

85 64.7 45.7 84.9

131 10.0 7.9 11.9



#59

Bromoform

Concen: 51.585 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.000 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

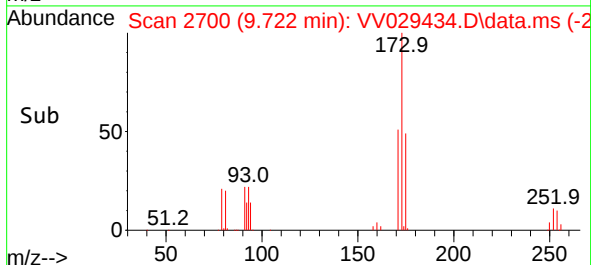
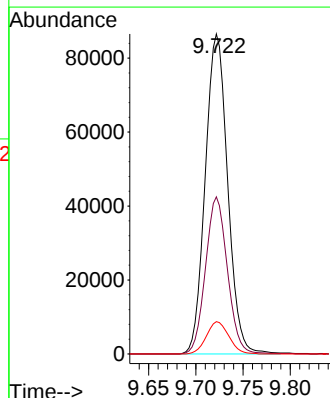
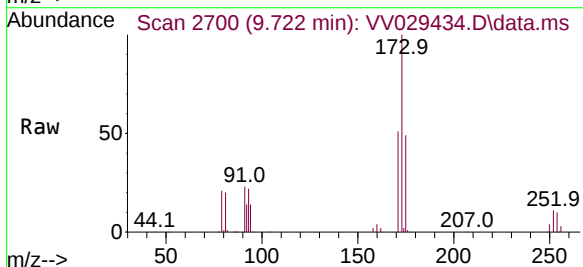
Tgt Ion: 173 Resp: 142585

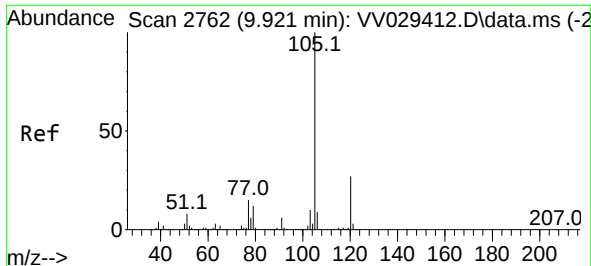
Ion Ratio Lower Upper

173 100

175 48.1 38.4 57.6

254 10.1 7.8 11.8

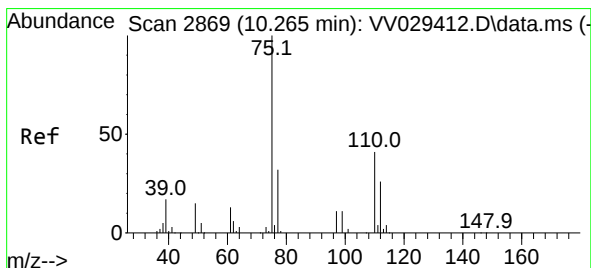
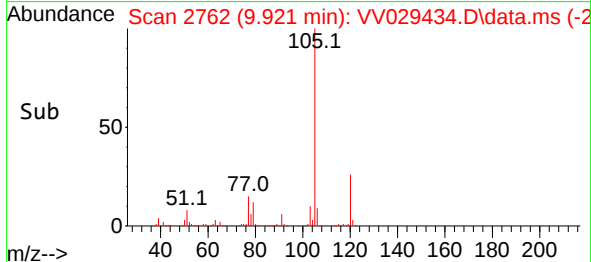
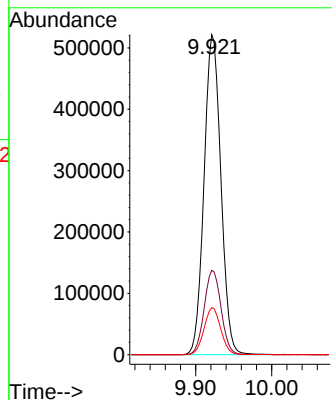
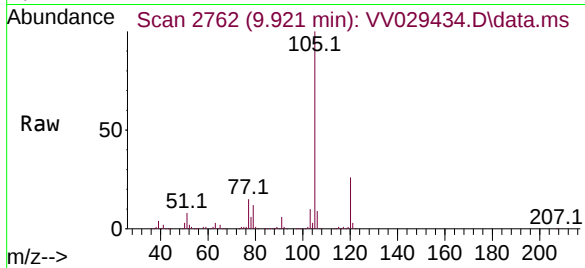




#60
Isopropylbenzene
Concen: 54.590 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

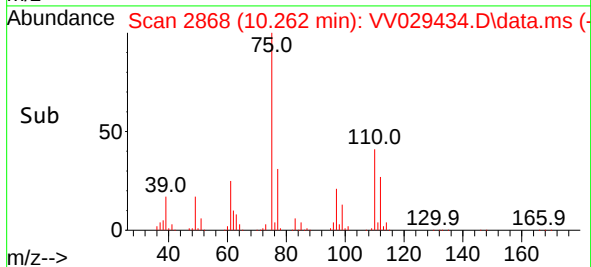
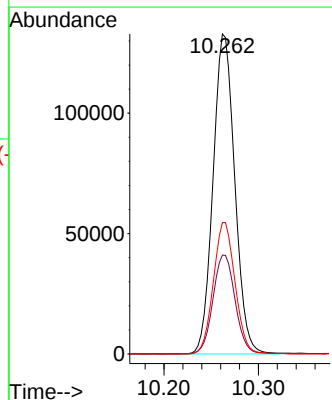
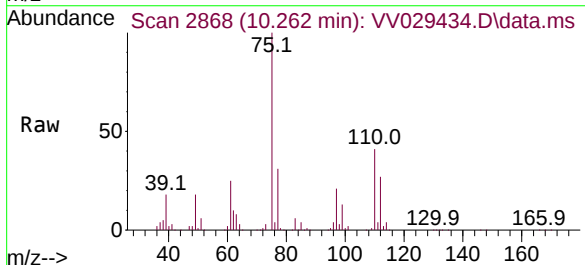
Instrument :
MSVOA_V
ClientSampleId :
VSTD050374

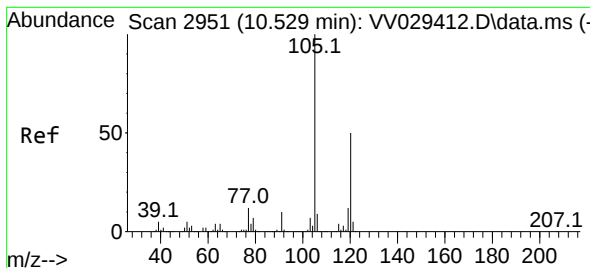
Tgt Ion:105 Resp: 801964
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 14.6 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 54.916 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Tgt Ion: 75 Resp: 212103
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2
110 41.0 32.7 49.1





#62

1,3,5-Trimethylbenzene

Concen: 53.833 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

Instrument :

MSVOA_V

ClientSampleId :

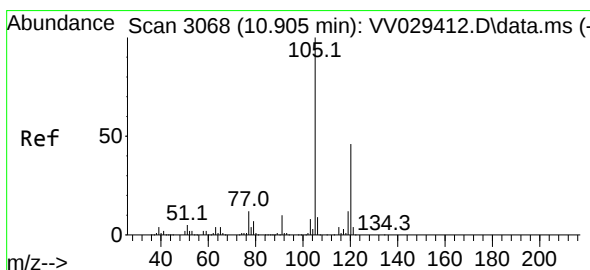
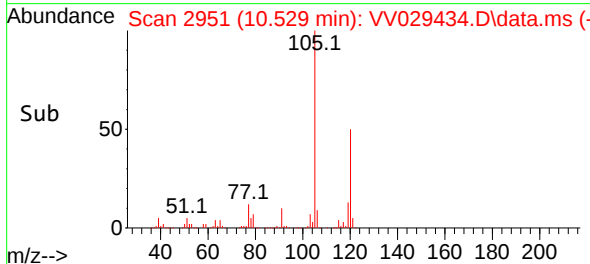
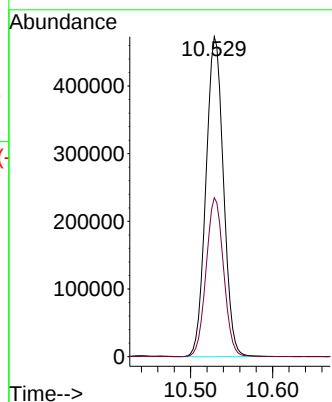
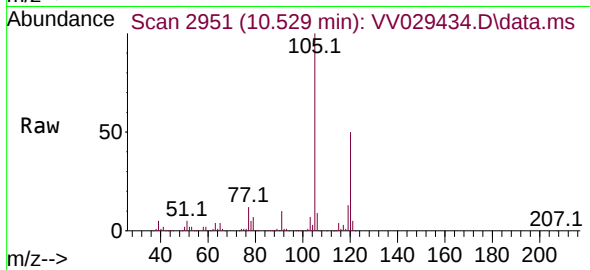
VSTD050374

Tgt Ion:105 Resp: 699257

Ion Ratio Lower Upper

105 100

120 49.7 40.0 60.0



#63

1,2,4-Trimethylbenzene

Concen: 54.366 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV029434.D

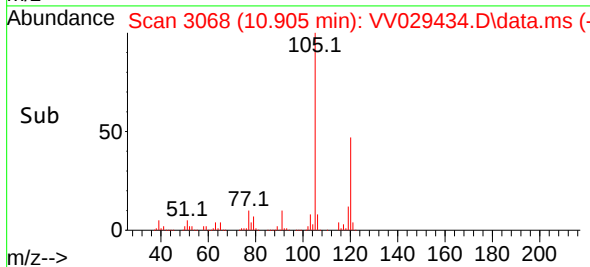
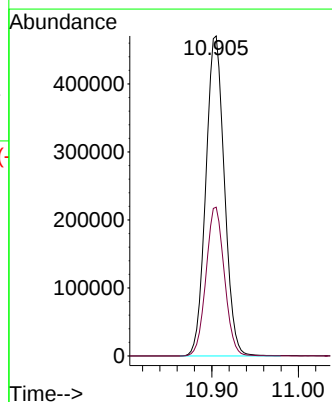
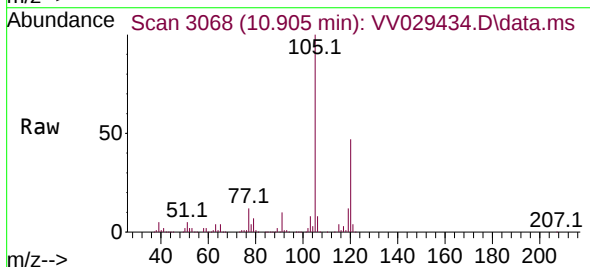
Acq: 07 Dec 2022 21:51

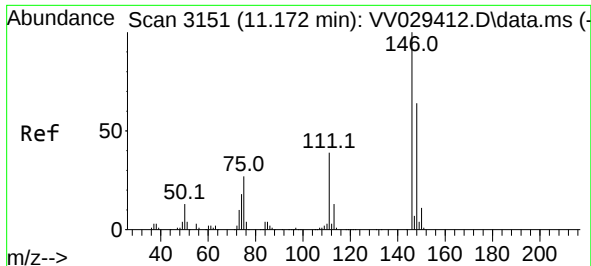
Tgt Ion:105 Resp: 700002

Ion Ratio Lower Upper

105 100

120 46.1 36.7 55.1

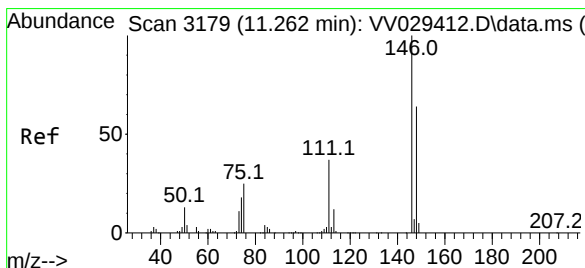
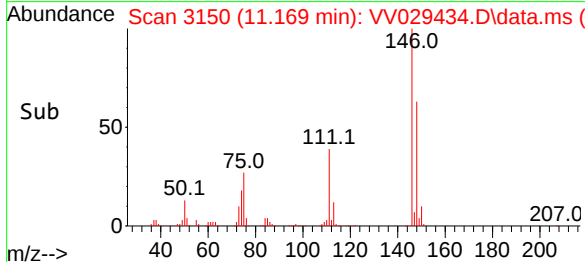
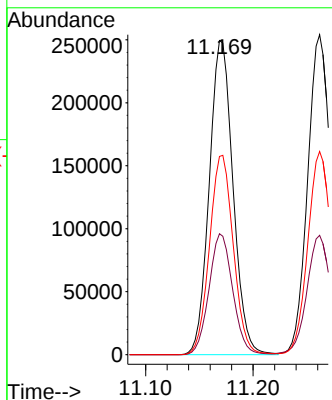
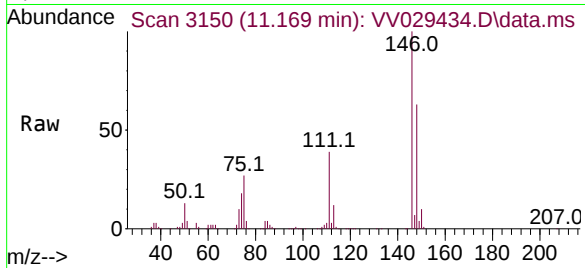




#64
1,3-Dichlorobenzene
Concen: 53.300 ug/L
RT: 11.169 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

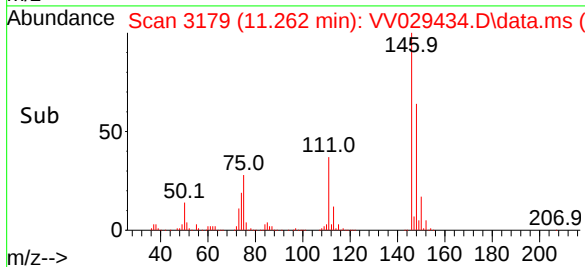
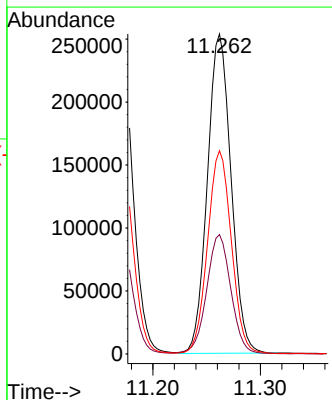
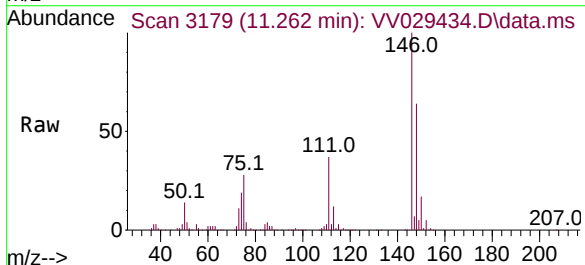
Instrument :
MSVOA_V
ClientSampleId :
VSTD050374

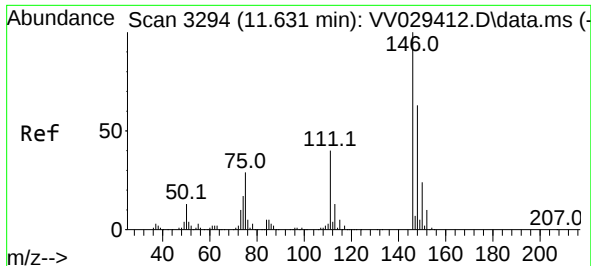
Tgt Ion:146 Resp: 382856
Ion Ratio Lower Upper
146 100
111 38.5 27.4 51.0
148 63.1 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 53.074 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029434.D
Acq: 07 Dec 2022 21:51

Tgt Ion:146 Resp: 387447
Ion Ratio Lower Upper
146 100
111 37.3 26.2 48.8
148 63.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 53.221 ug/L

RT: 11.632 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050374

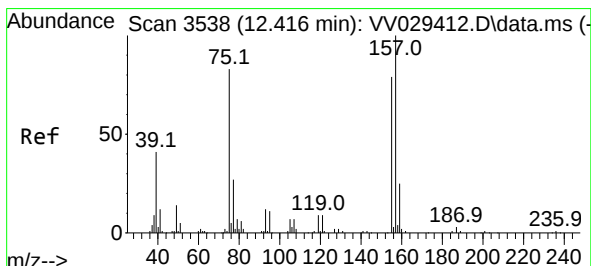
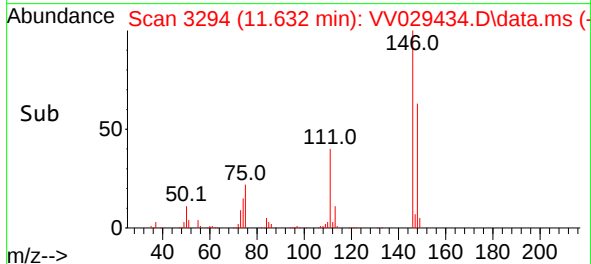
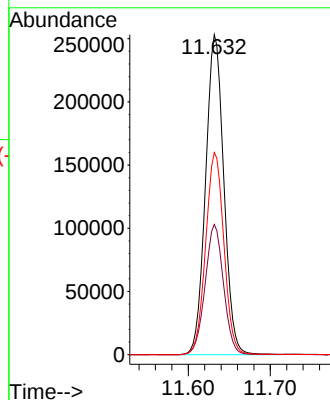
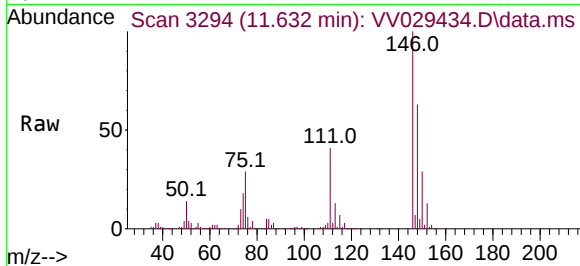
Tgt Ion:146 Resp: 390926

Ion Ratio Lower Upper

146 100

111 40.7 32.0 48.0

148 63.2 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 52.980 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. 0.000 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

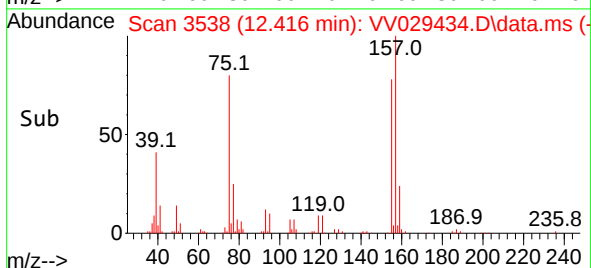
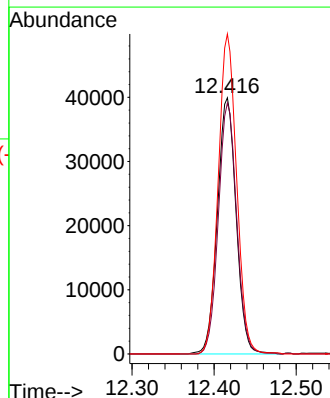
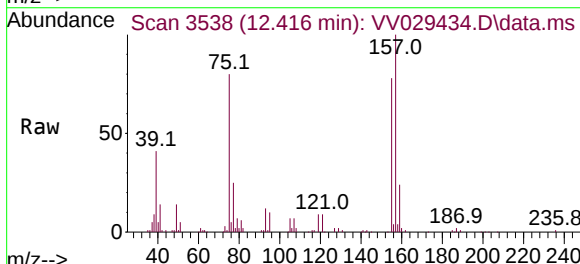
Tgt Ion: 75 Resp: 63599

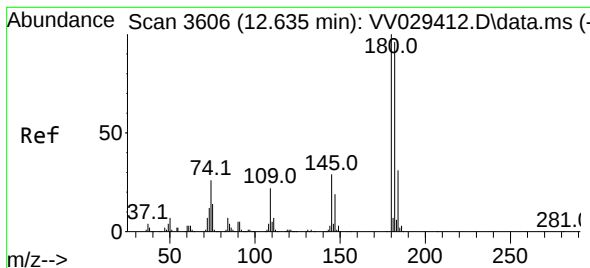
Ion Ratio Lower Upper

75 100

155 98.0 76.2 114.2

157 124.9 96.0 144.0





#69

1,3,5-Trichlorobenzene

Concen: 53.452 ug/L

RT: 12.632 min Scan# 3605

Delta R.T. -0.003 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050374

Tgt Ion:180 Resp: 305553

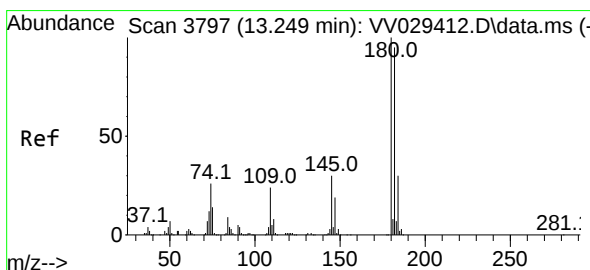
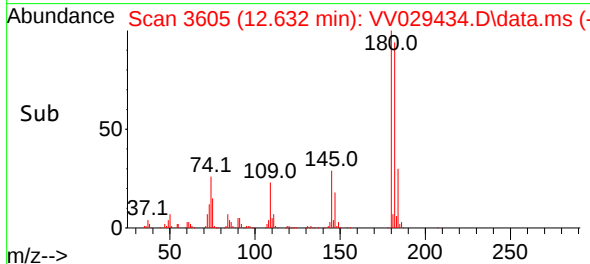
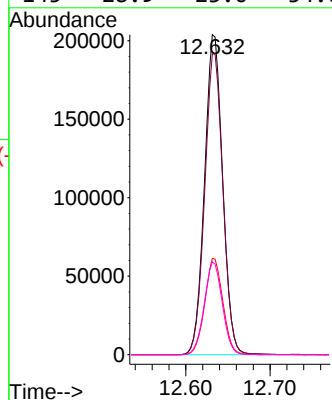
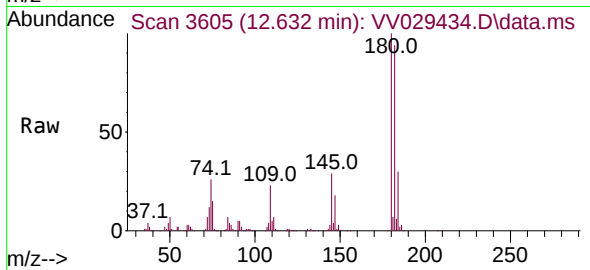
Ion Ratio Lower Upper

180 100

182 94.7 76.5 114.7

184 30.0 24.6 36.8

145 28.9 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 54.508 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

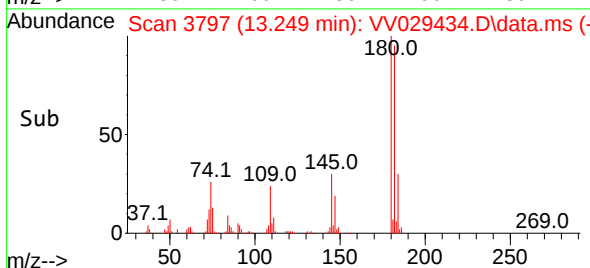
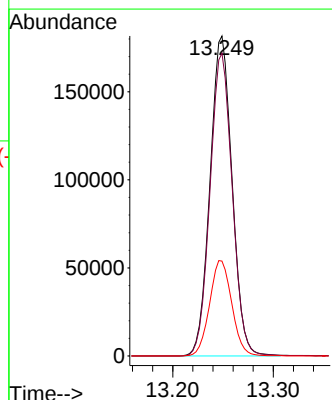
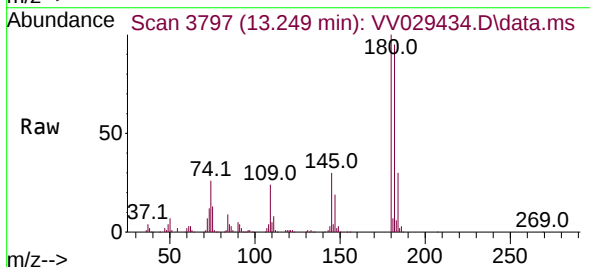
Tgt Ion:180 Resp: 277074

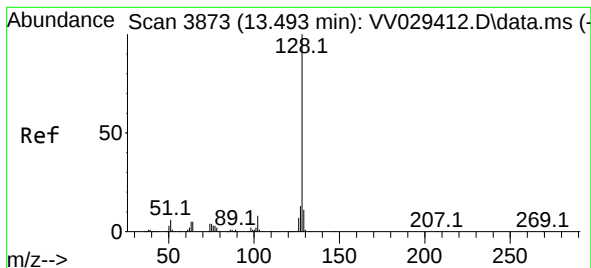
Ion Ratio Lower Upper

180 100

182 95.1 76.3 114.5

145 30.0 23.7 35.5





#71

Naphthalene

Concen: 57.843 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050374

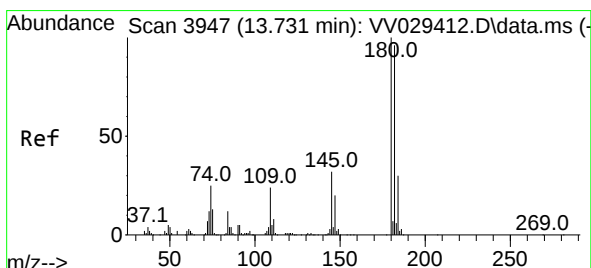
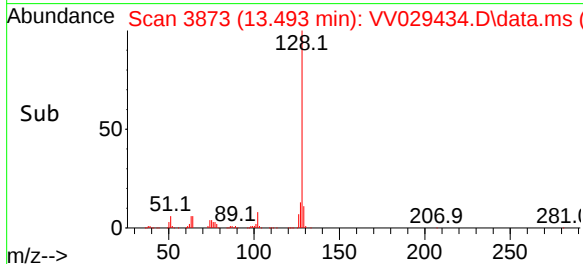
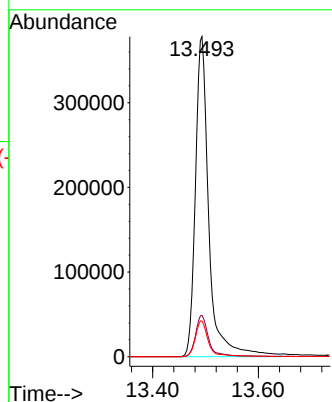
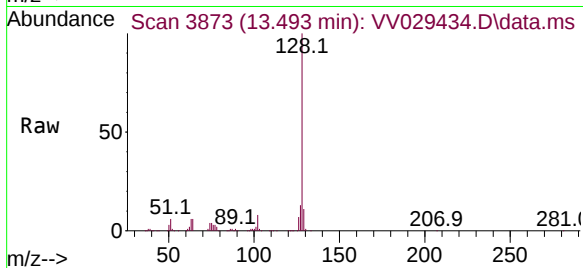
Tgt Ion:128 Resp: 666932

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 55.613 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029434.D

Acq: 07 Dec 2022 21:51

Tgt Ion:180 Resp: 276889

Ion Ratio Lower Upper

180 100

182 94.5 76.4 114.6

145 31.4 25.0 37.6

