

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
 Data File : VV028875.D
 Acq On : 11 Nov 2022 14:18
 Operator : SY/MD
 Sample : VSTD00579
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005279

Quant Time: Nov 11 21:55:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 21:54:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	310105	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	273487	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	147565	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	96131	5.085	ug/L	0.00
7) Chloroethane-d5	1.568	69	85277	5.131	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	177074	5.140	ug/L	0.00
20) 2-Butanone-d5	3.895	46	129612	41.340	ug/L	0.00
24) Chloroform-d	4.342	84	201553	5.193	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	90408	5.177	ug/L	0.00
32) Benzene-d6	5.047	84	432313	5.296	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	121726	5.340	ug/L	0.00
41) Toluene-d8	7.310	98	389261	5.297	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	39250	5.279	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	169299	53.936	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	83812	5.303	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	135159	5.119	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	133998	5.184	ug/L	100
3) Chloromethane	1.240	50	107692	5.019	ug/L	100
5) Vinyl chloride	1.310	62	123649	5.053	ug/L	100
6) Bromomethane	1.519	94	73031	4.993	ug/L	100
8) Chloroethane	1.584	64	71537	4.975	ug/L	100
9) Trichlorofluoromethane	1.751	101	167872	5.087	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	95396	5.106	ug/L	100
12) 1,1-Dichloroethene	2.117	96	95676	5.097	ug/L	100
13) Acetone	2.185	43	61448	30.183	ug/L	81
14) Carbon disulfide	2.291	76	333482	5.002	ug/L	100
15) Methyl Acetate	2.436	43	21648	4.382	ug/L	100
16) Methylene chloride	2.503	84	113433	4.673	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	203540	5.057	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	108332	4.976	ug/L	100
19) 1,1-Dichloroethane	3.185	63	183178	5.146	ug/L	100
21) 2-Butanone	3.979	43	118897	38.540	ug/L	88
22) cis-1,2-Dichloroethene	3.905	96	114334	5.165	ug/L	100
23) Bromochloromethane	4.246	128	48035	5.131	ug/L	100
25) Chloroform	4.368	83	193900	5.197	ug/L	100
27) 1,2-Dichloroethane	5.127	62	100208	5.214	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	163585	5.097	ug/L	100
30) Cyclohexane	4.674	56	170371	5.223	ug/L	100
31) Carbon tetrachloride	4.825	117	141807	5.131	ug/L	100
33) Benzene	5.095	78	439082	5.254	ug/L	100
34) Trichloroethene	5.911	95	111189	5.197	ug/L	100
35) Methylcyclohexane	6.127	83	198533	5.280	ug/L	100
37) 1,2-Dichloropropane	6.169	63	100173	5.198	ug/L	100
38) Bromodichloromethane	6.506	83	126925	5.200	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	136835	5.086	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	428190	51.735	ug/L	100
42) Toluene	7.384	91	451628	5.002	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	108056	5.173	ug/L	100

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

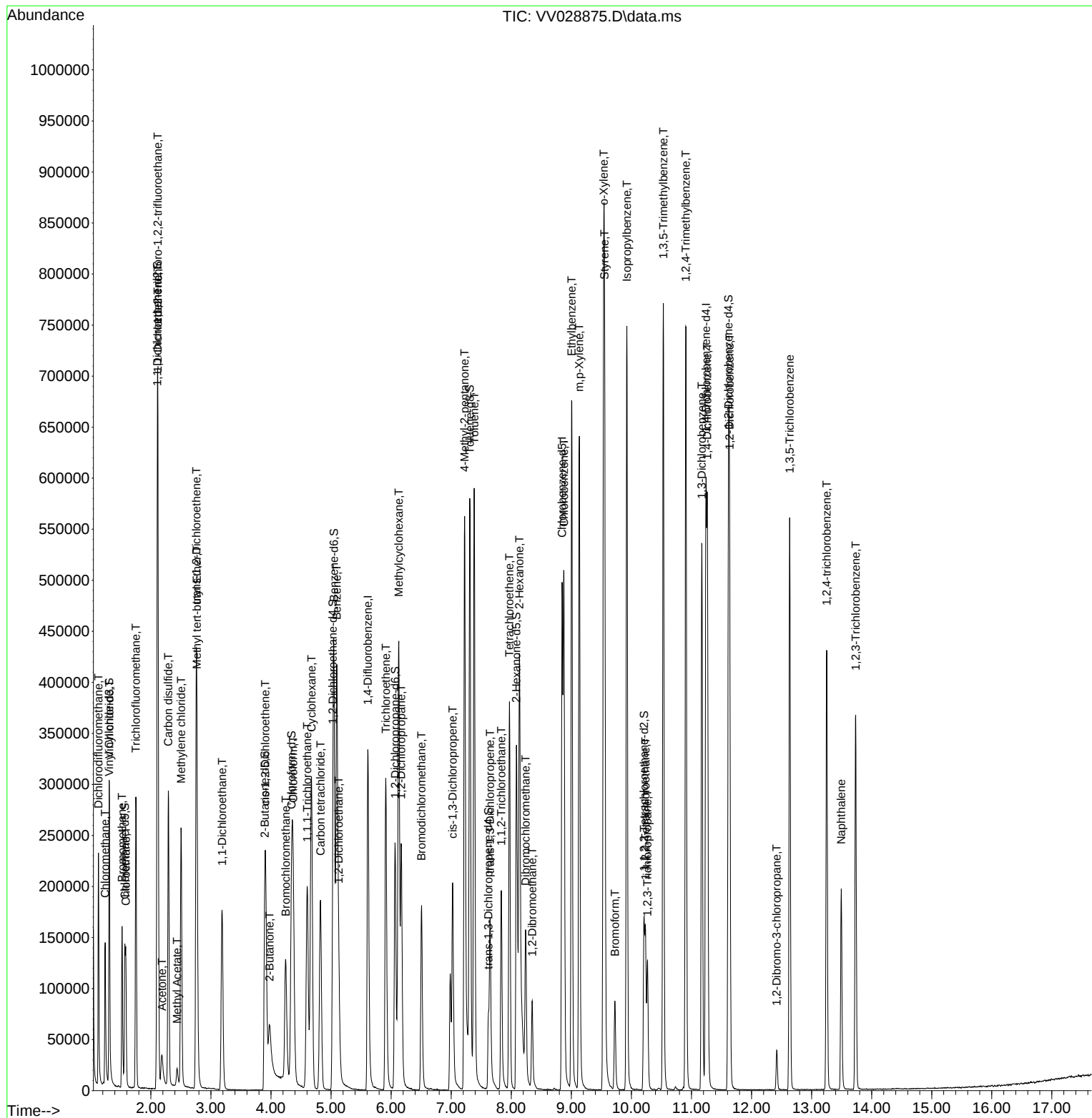
45) 1,1,2-Trichloroethane	7.834	97	64517	5.114	ug/L	100
47) Tetrachloroethene	7.969	164	88104	5.143	ug/L	100
48) 2-Hexanone	8.136	43	298911	51.816	ug/L	100
49) Dibromochloromethane	8.239	129	78847	5.169	ug/L	100
50) 1,2-Dibromoethane	8.349	107	60380	5.152	ug/L	100
51) Chlorobenzene	8.876	112	286171	5.126	ug/L	100
52) Ethylbenzene	9.005	91	484920	5.159	ug/L	100
53) m,p-Xylene	9.133	106	194238	5.196	ug/L	100
54) o-Xylene	9.538	106	185887	5.231	ug/L	100
55) Styrene	9.554	104	317157	5.321	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	76644	5.212	ug/L	100
59) Bromoform	9.725	173	42181	5.243	ug/L	100
60) Isopropylbenzene	9.924	105	495691	5.175	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	52849	5.241	ug/L	100
62) 1,3,5-Trimethylbenzene	10.532	105	422020	5.201	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	419448	5.161	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	231167	5.137	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	230054	5.085	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	207022	5.120	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.419	75	10327	5.205	ug/L	100
69) 1,3,5-Trichlorobenzene	12.635	180	176927	5.096	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	134747	5.131	ug/L	100
71) Naphthalene	13.493	128	162971	4.809	ug/L	100
72) 1,2,3-Trichlorobenzene	13.734	180	115086	5.174	ug/L	100

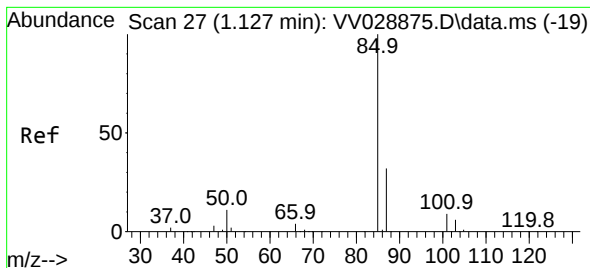
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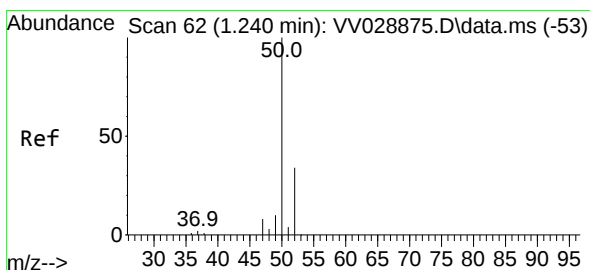
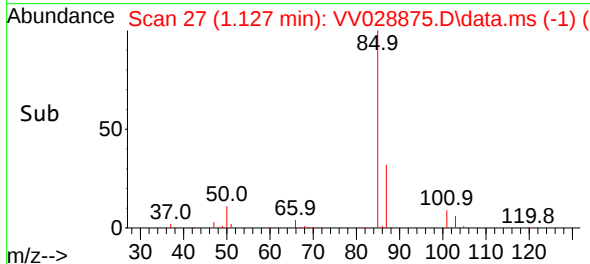
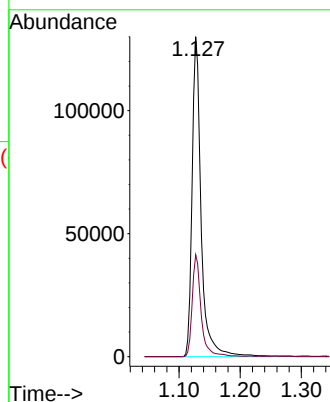
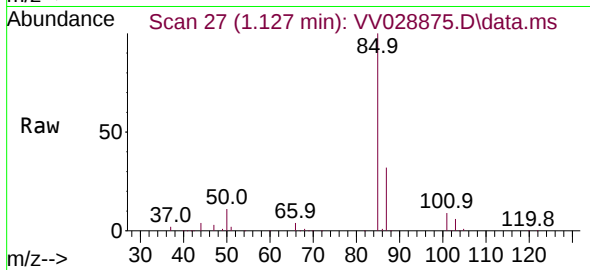




#2
 Dichlorodifluoromethane
 Concen: 5.184 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028875.D
 Acq: 11 Nov 2022 14:18

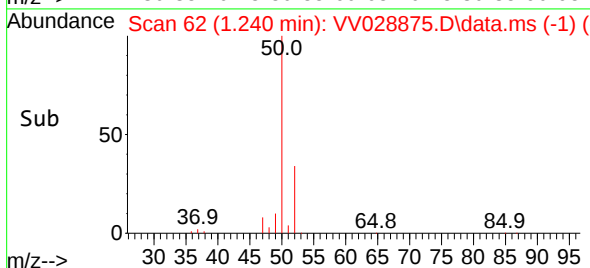
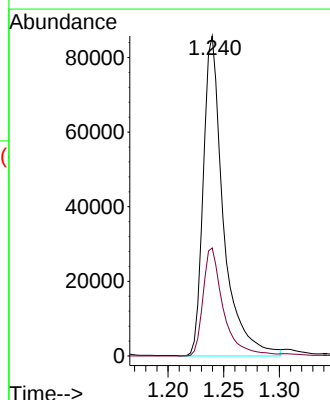
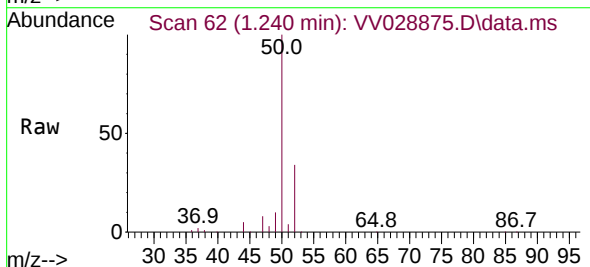
Instrument :
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 ClientSampleId :
 VSTD005279

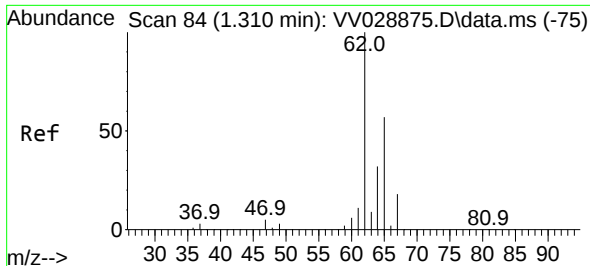
Tgt Ion: 85 Resp: 133998
 Ion Ratio Lower Upper
 85 100
 87 31.2 25.0 37.4



#3
 Chloromethane
 Concen: 5.019 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV028875.D
 Acq: 11 Nov 2022 14:18

Tgt Ion: 50 Resp: 107692
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.7 43.9

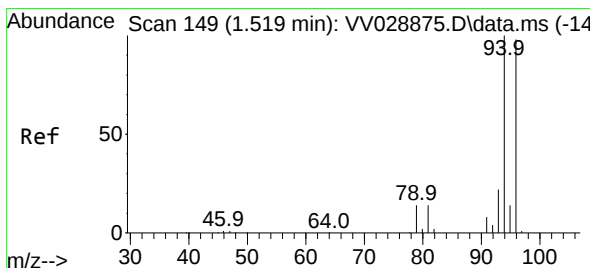
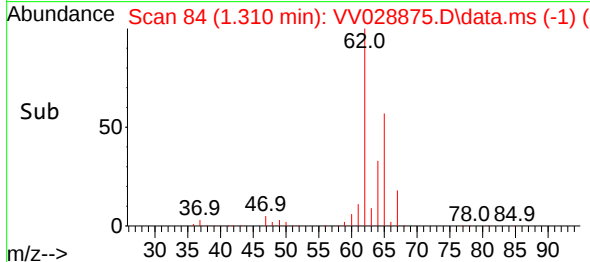
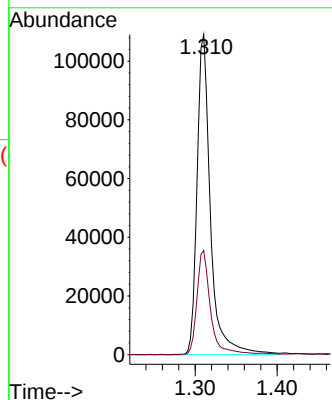
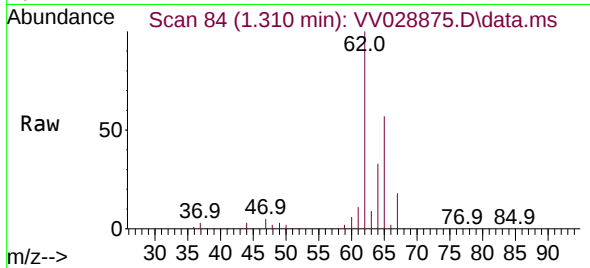




#5
 Vinyl chloride
 Concen: 5.053 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028875.D
 Acq: 11 Nov 2022 14:18

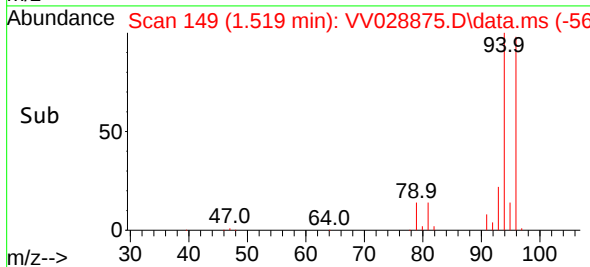
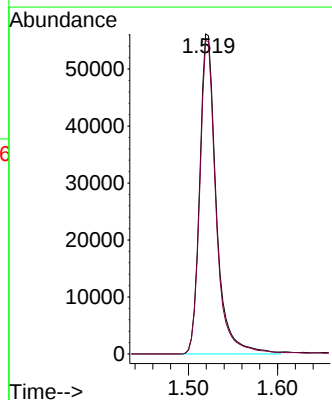
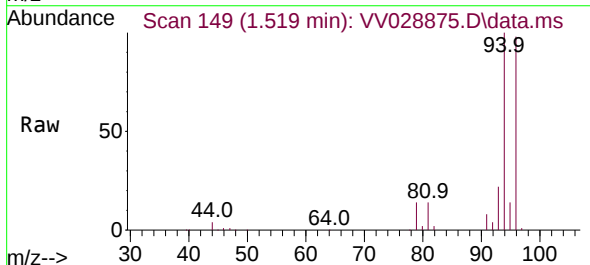
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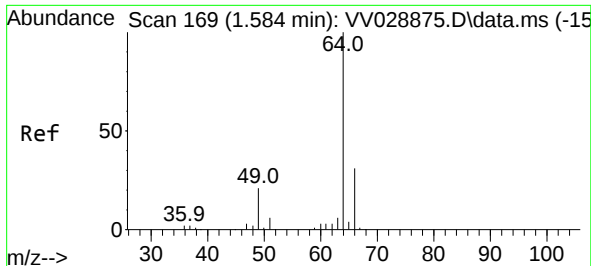
Tgt Ion: 62 Resp: 123649
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.8 42.4



#6
 Bromomethane
 Concen: 4.993 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV028875.D
 Acq: 11 Nov 2022 14:18

Tgt Ion: 94 Resp: 73031
 Ion Ratio Lower Upper
 94 100
 96 97.9 68.5 127.3

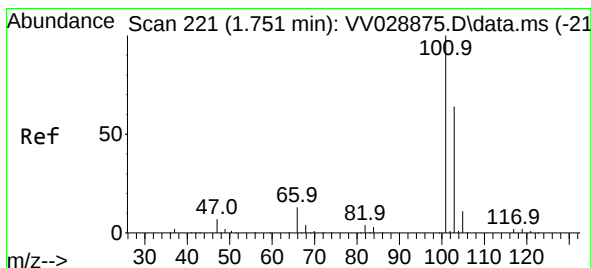
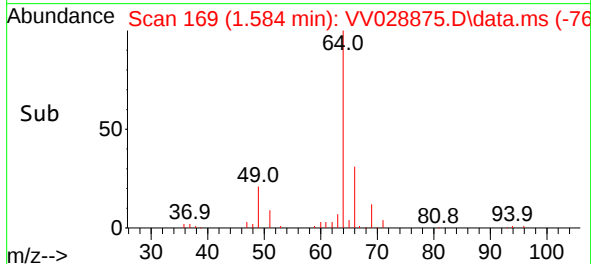
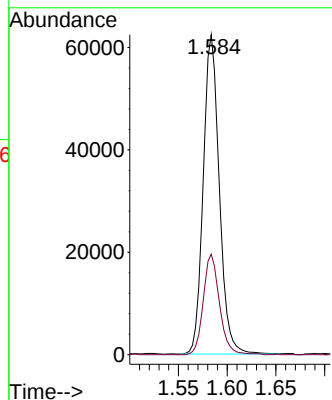
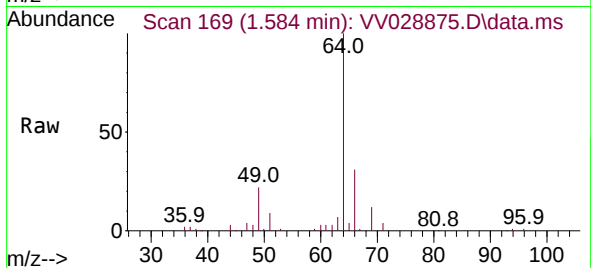




#8
Chloroethane
Concen: 4.975 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

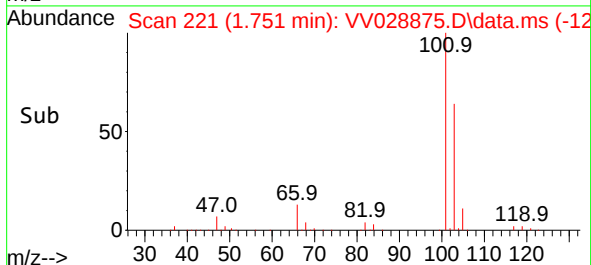
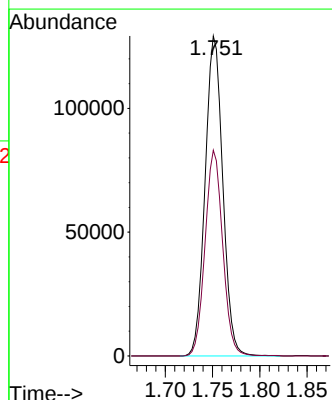
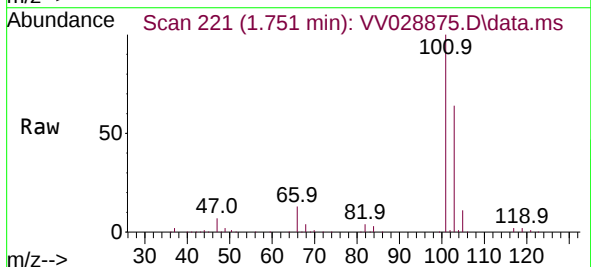
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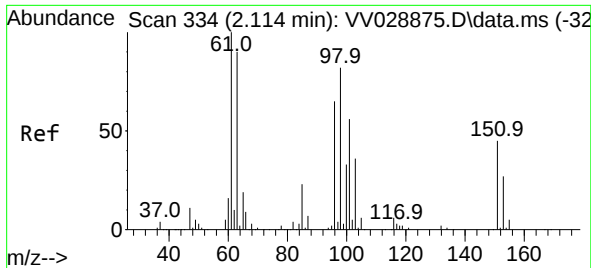
Tgt Ion: 64 Resp: 71537
Ion Ratio Lower Upper
64 100
66 31.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.087 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

Tgt Ion:101 Resp: 167872
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9

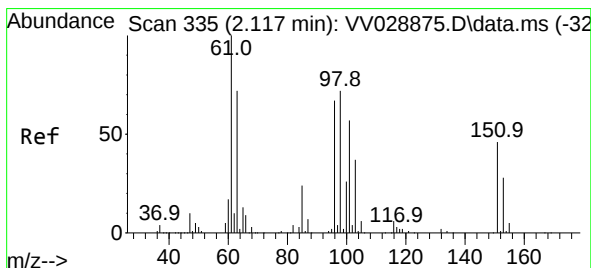
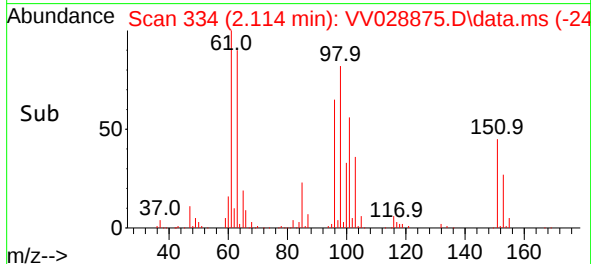
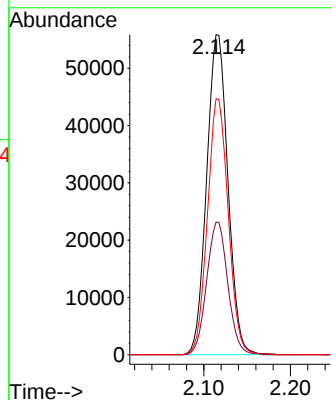
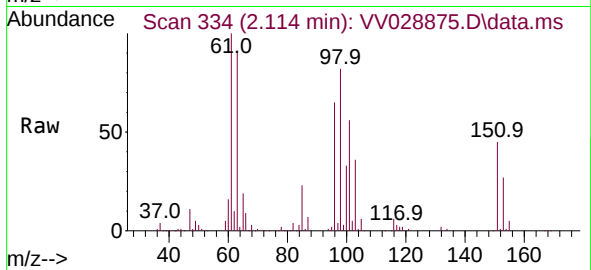




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.106 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028875.D
 Acq: 11 Nov 2022 14:18

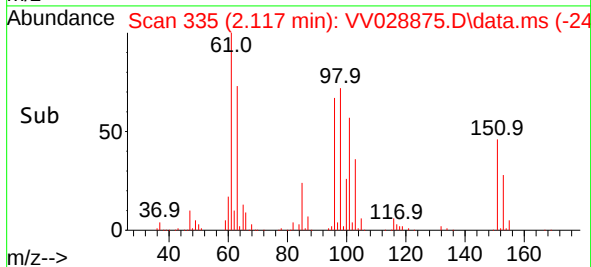
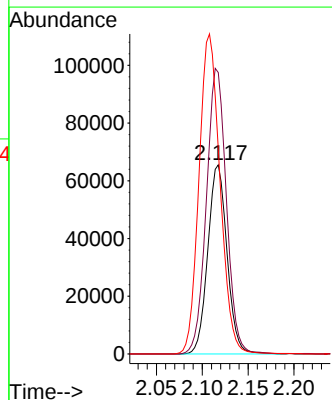
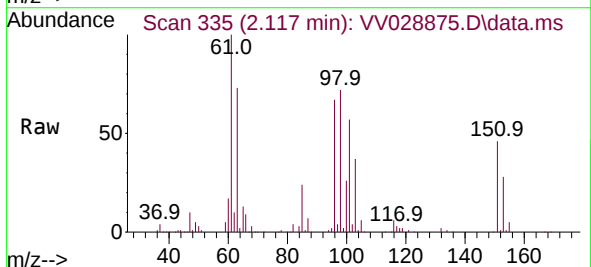
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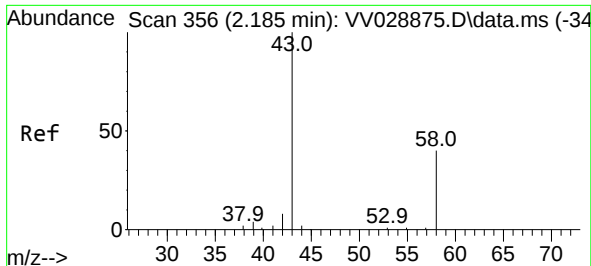
Tgt Ion: 101 Resp: 95396
 Ion Ratio Lower Upper
 101 100
 85 41.1 32.9 49.3
 151 78.1 62.5 93.7



#12
 1,1-Dichloroethene
 Concen: 5.097 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV028875.D
 Acq: 11 Nov 2022 14:18

Tgt Ion: 96 Resp: 95676
 Ion Ratio Lower Upper
 96 100
 61 148.8 104.2 193.4
 63 108.4 75.9 140.9





#13

Acetone

Concen: 30.183 ug/L

RT: 2.185 min Scan# 356

Delta R.T. 0.000 min

Lab File: VV028875.D

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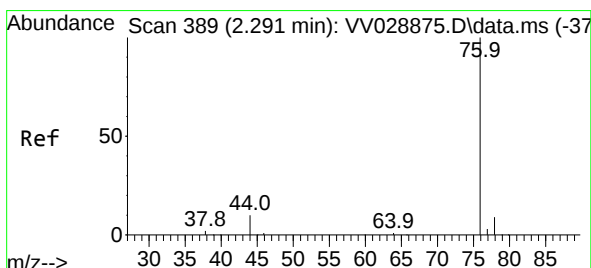
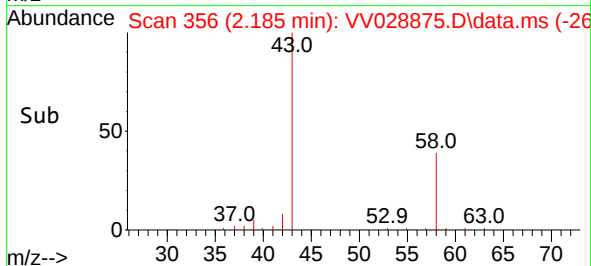
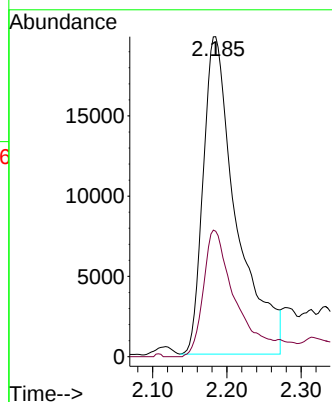
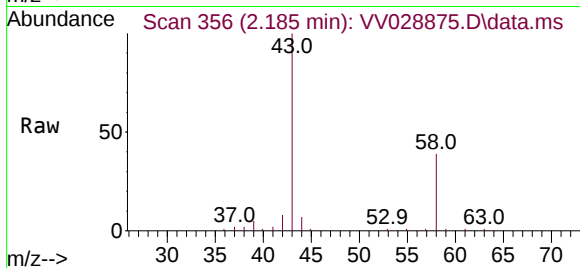
VSTD005279

Tgt Ion: 43 Resp: 61448

Ion Ratio Lower Upper

43 100

58 38.4 0.0 56.6



#14

Carbon disulfide

Concen: 5.002 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV028875.D

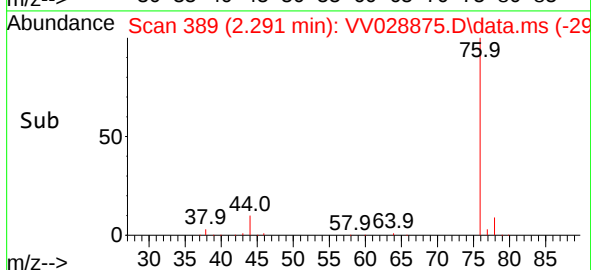
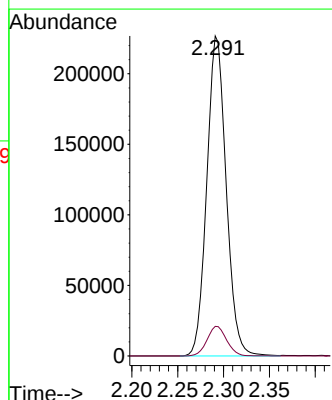
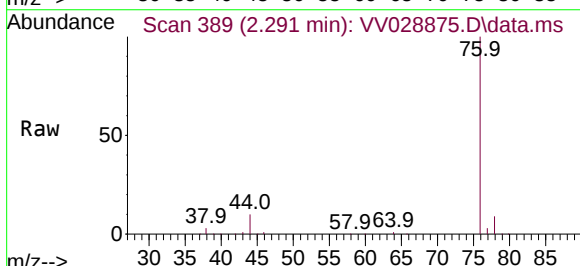
Acq: 11 Nov 2022 14:18

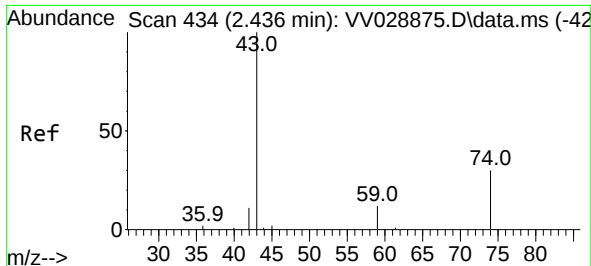
Tgt Ion: 76 Resp: 333482

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

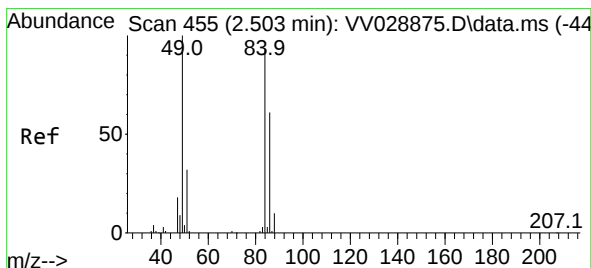
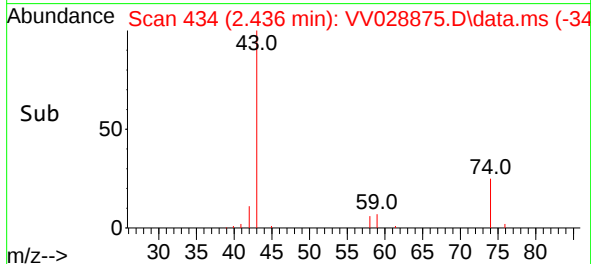
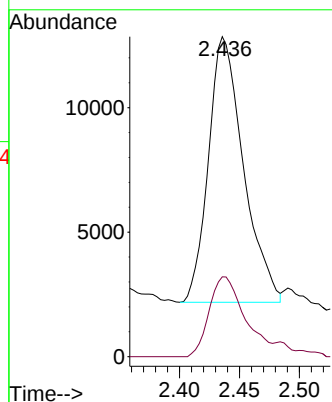
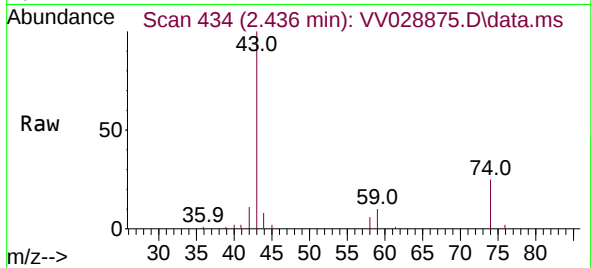




#15
Methyl Acetate
Concen: 4.382 ug/L
RT: 2.436 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

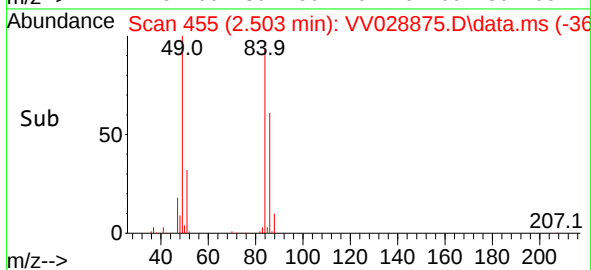
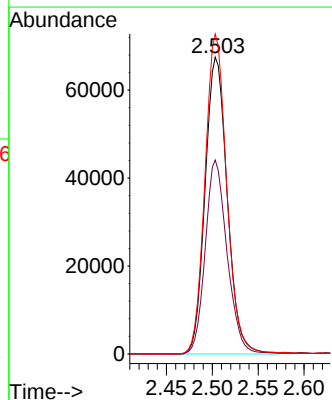
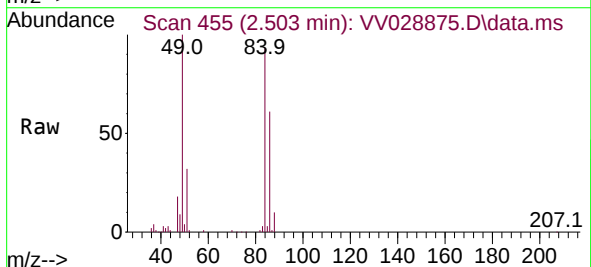
Instrument :
MSVOA_V
ClientSampleId :
VSTD005279

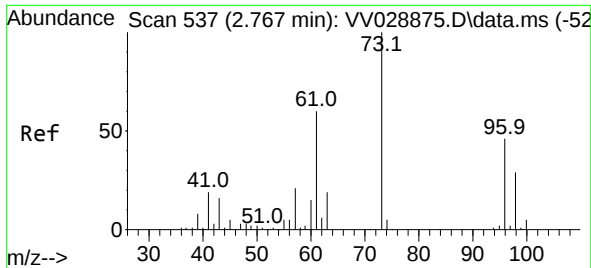
Tgt Ion: 43 Resp: 21648
Ion Ratio Lower Upper
43 100
74 30.8 24.6 37.0



#16
Methylene chloride
Concen: 4.673 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

Tgt Ion: 84 Resp: 113433
Ion Ratio Lower Upper
84 100
86 65.4 45.8 85.0
49 107.8 75.5 140.1

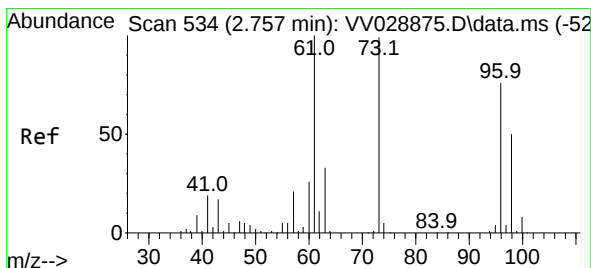
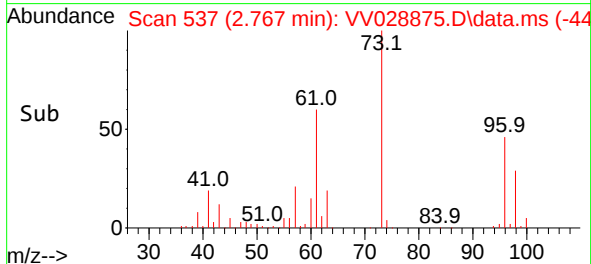
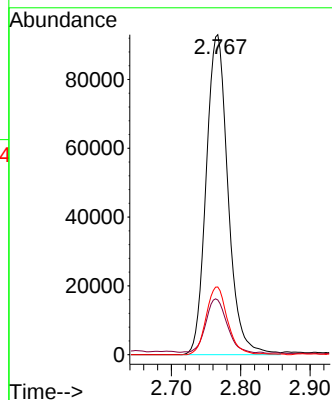
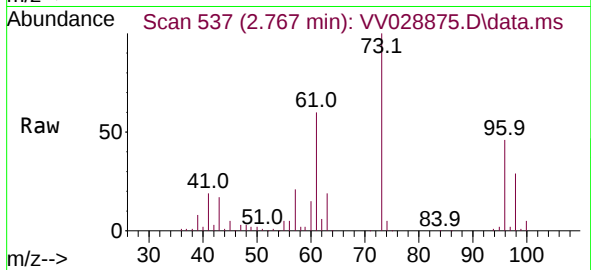




#17
Methyl tert-butyl Ether
Concen: 5.057 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

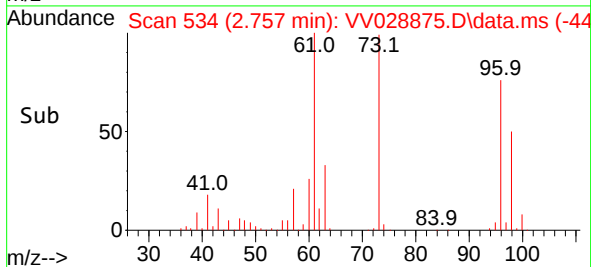
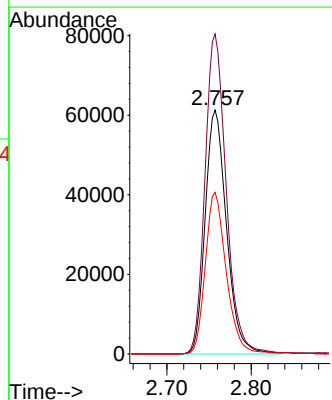
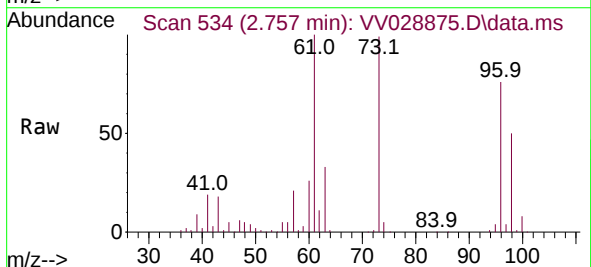
Instrument :
MSVOA_V
ClientSampleId :
VSTD005279

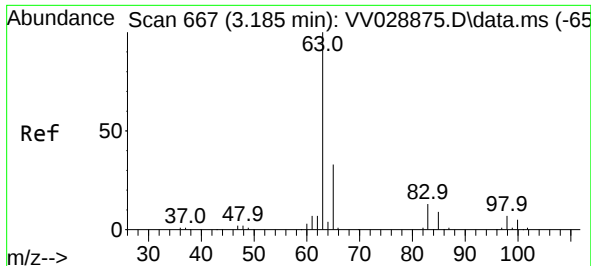
Tgt Ion: 73 Resp: 203540
Ion Ratio Lower Upper
73 100
43 16.2 13.0 19.4
57 20.7 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 4.976 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

Tgt Ion: 96 Resp: 108332
Ion Ratio Lower Upper
96 100
61 131.2 91.8 170.6
98 66.3 46.4 86.2



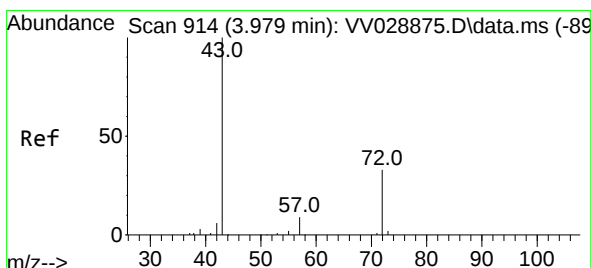
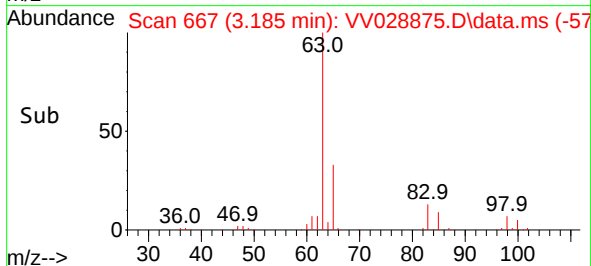
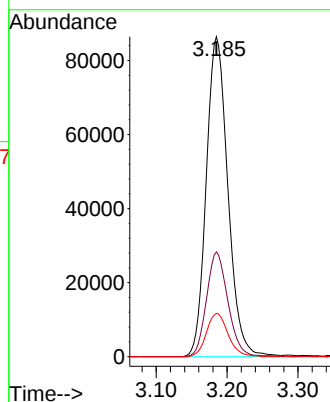
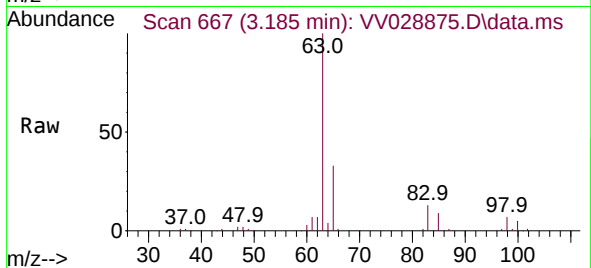


#19
1,1-Dichloroethane
Concen: 5.146 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD005279

Tgt Ion: 63 Resp: 183178

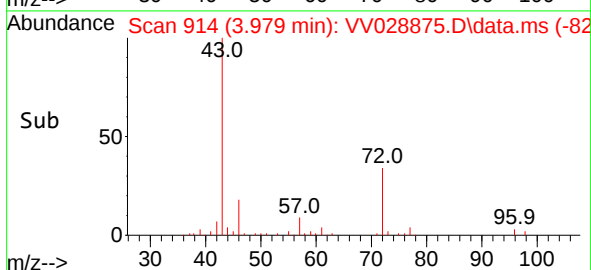
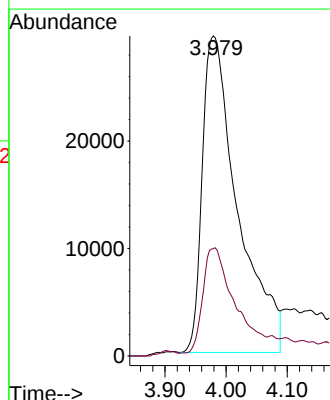
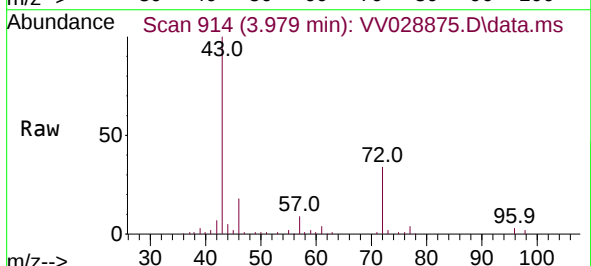
Ion	Ratio	Lower	Upper
63	100		
65	32.8	23.0	42.6
83	13.5	9.4	17.6

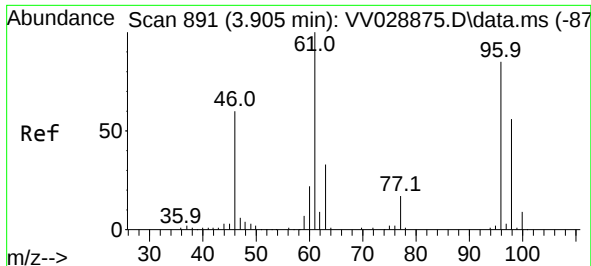


#21
2-Butanone
Concen: 38.540 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

Tgt Ion: 43 Resp: 118897

Ion	Ratio	Lower	Upper
43	100		
72	29.6	11.9	35.9

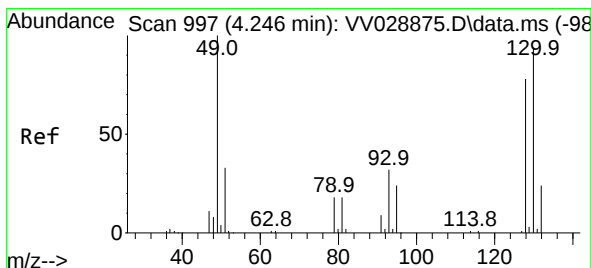
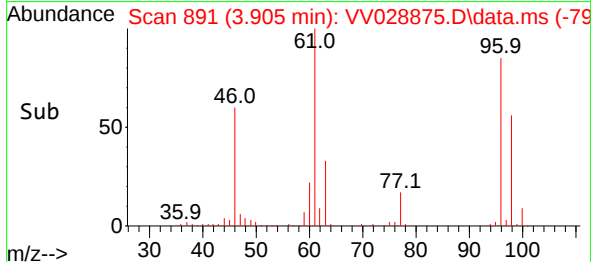
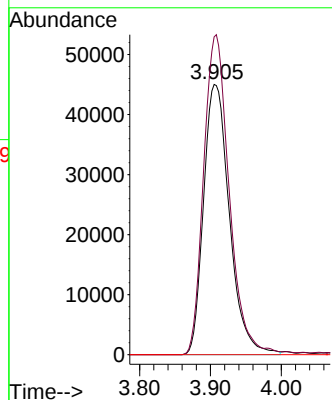
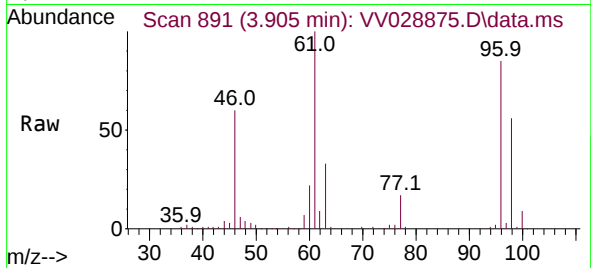




#22
 cis-1,2-Dichloroethene
 Concen: 5.165 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV028875.D
 Acq: 11 Nov 2022 14:18

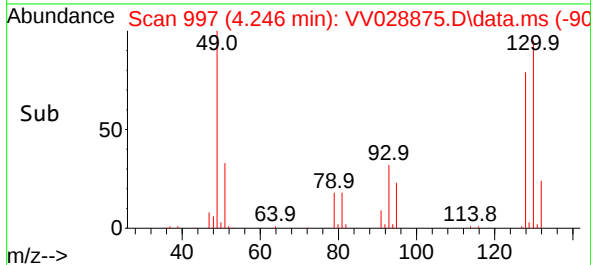
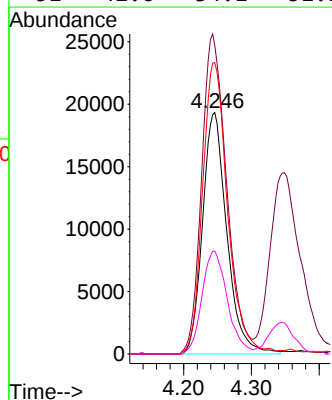
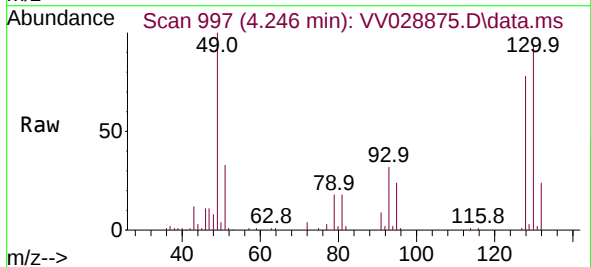
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005279

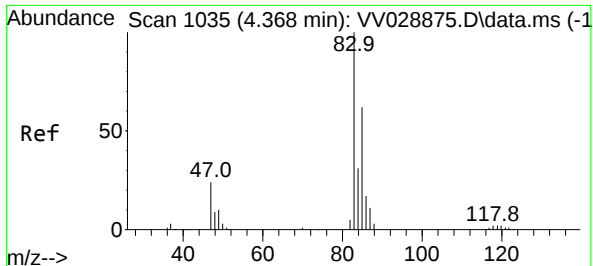
Tgt Ion: 96 Resp: 114334
 Ion Ratio Lower Upper
 96 100
 61 117.6 82.3 152.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.131 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VV028875.D
 Acq: 11 Nov 2022 14:18

Tgt Ion: 128 Resp: 48035
 Ion Ratio Lower Upper
 128 100
 49 127.8 89.5 166.1
 130 120.6 84.4 156.8
 51 42.6 34.1 51.1

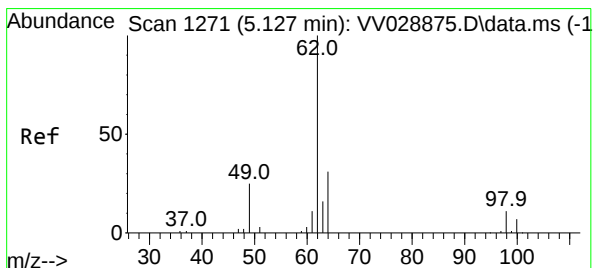
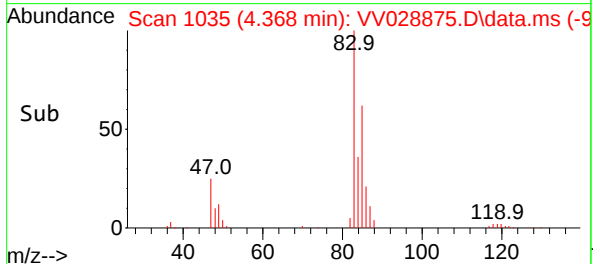
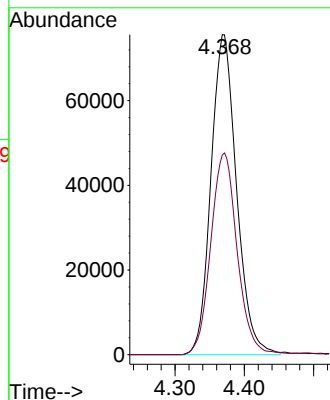
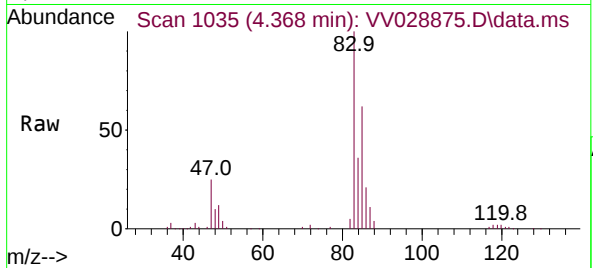




#25
Chloroform
Concen: 5.197 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

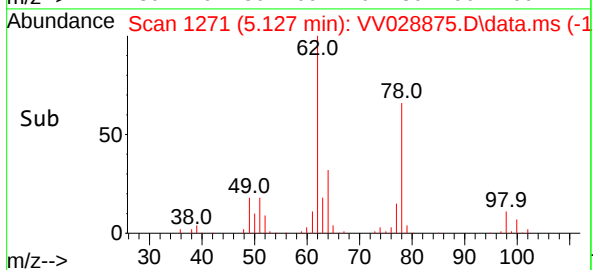
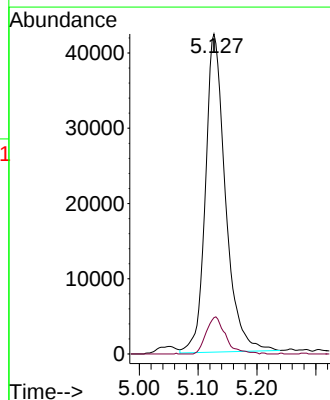
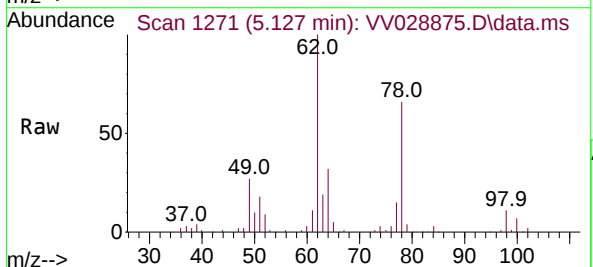
Instrument :
MSVOA_V
ClientSampleId :
VSTD005279

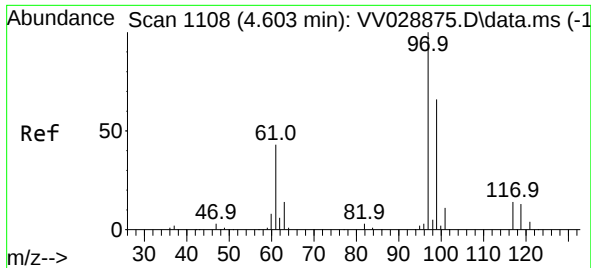
Tgt Ion: 83 Resp: 193900
Ion Ratio Lower Upper
83 100
85 62.4 43.7 81.1



#27
1,2-Dichloroethane
Concen: 5.214 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

Tgt Ion: 62 Resp: 100208
Ion Ratio Lower Upper
62 100
98 11.3 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 5.097 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV028875.D

Acq: 11 Nov 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005279

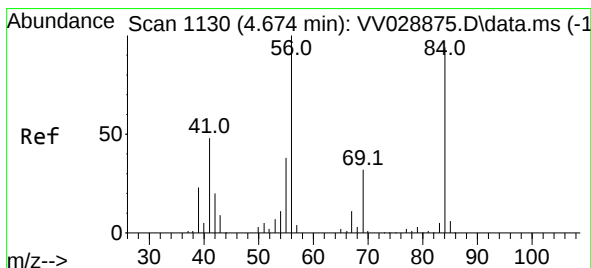
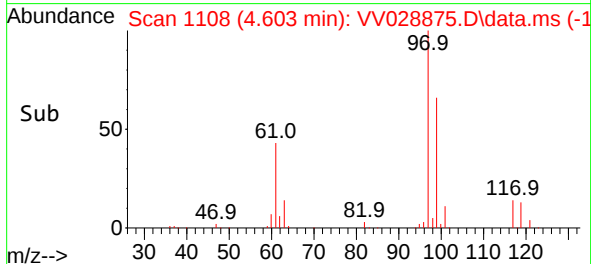
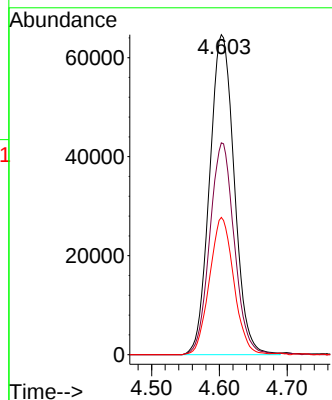
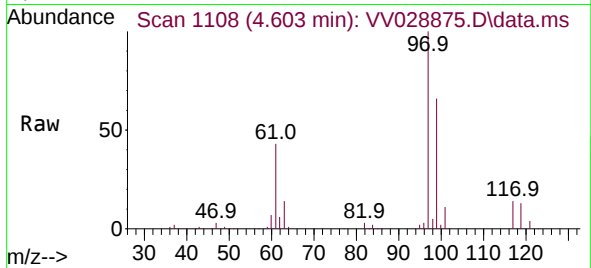
Tgt Ion: 97 Resp: 163585

Ion Ratio Lower Upper

97 100

99 65.9 52.7 79.1

61 42.2 33.8 50.6



#30

Cyclohexane

Concen: 5.223 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV028875.D

Acq: 11 Nov 2022 14:18

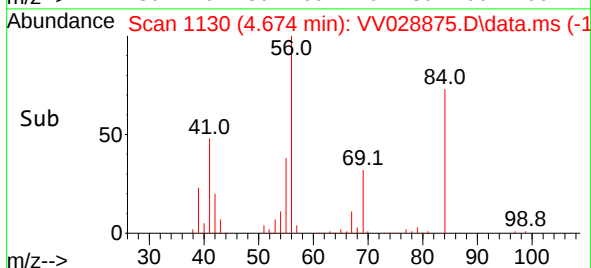
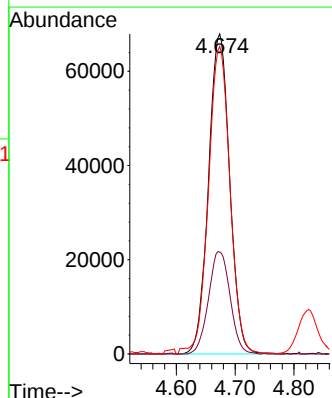
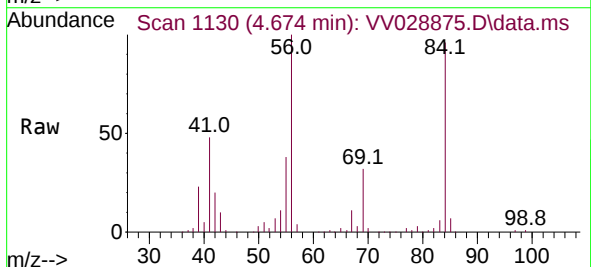
Tgt Ion: 56 Resp: 170371

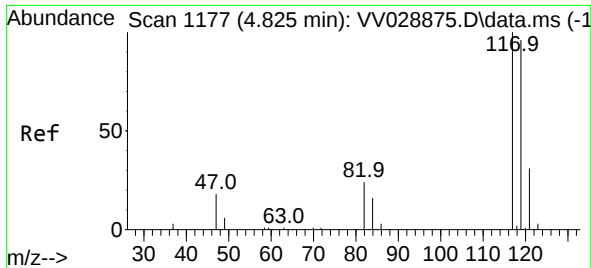
Ion Ratio Lower Upper

56 100

69 32.6 26.1 39.1

84 97.4 77.9 116.9

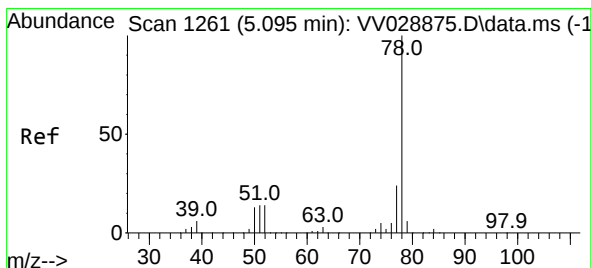
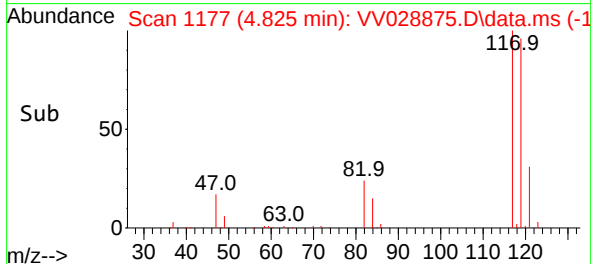
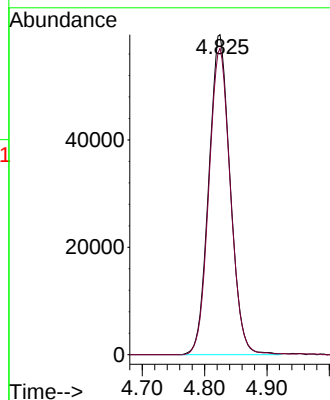
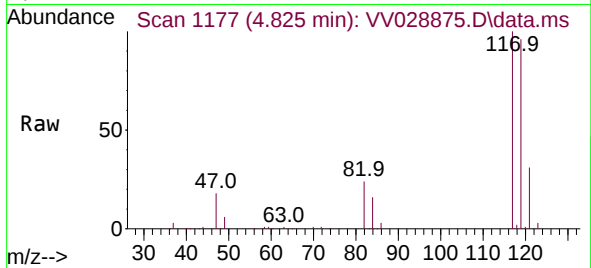




#31
Carbon tetrachloride
Concen: 5.131 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

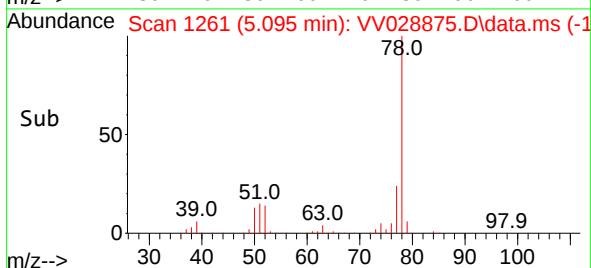
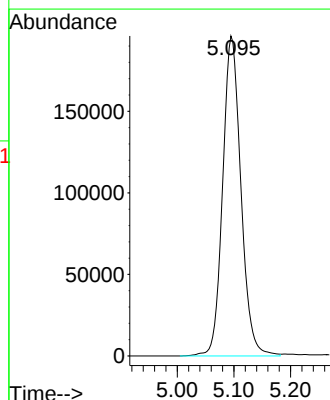
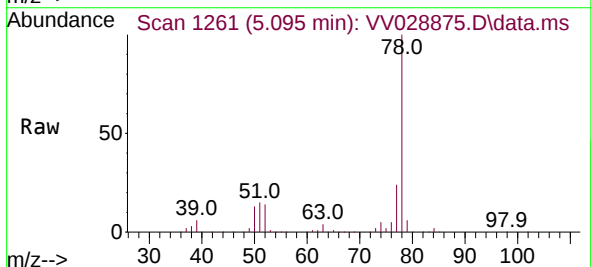
Instrument :
MSVOA_V
ClientSampleId :
VSTD005279

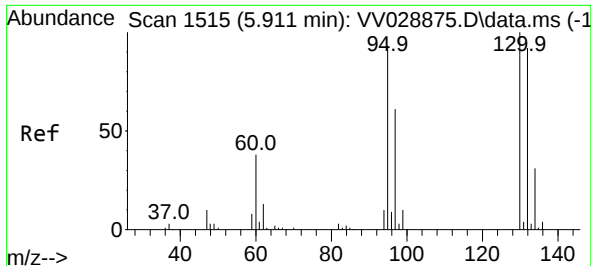
Tgt Ion:117 Resp: 141807
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6



#33
Benzene
Concen: 5.254 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

Tgt Ion: 78 Resp: 439082

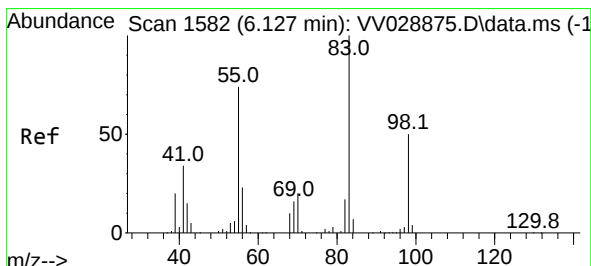
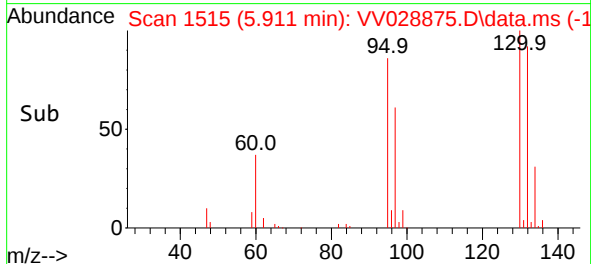
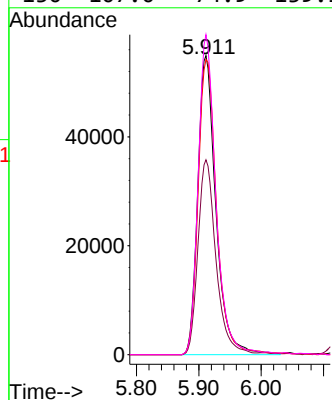
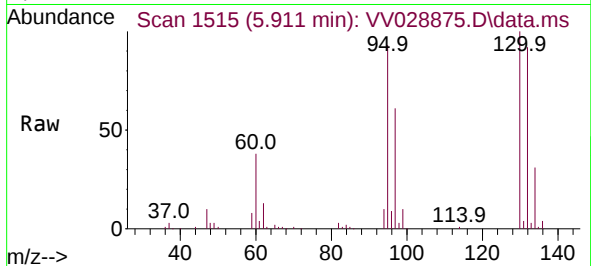




#34
Trichloroethene
Concen: 5.197 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

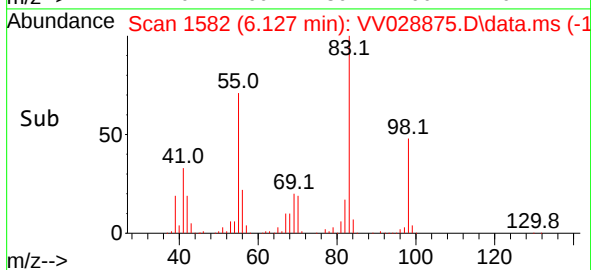
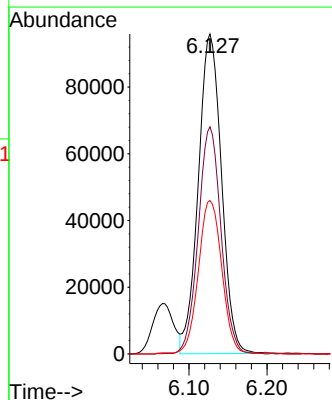
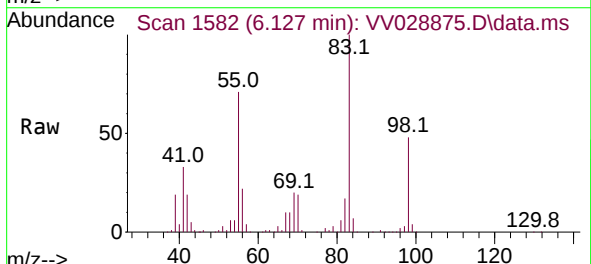
Instrument :
MSVOA_V
ClientSampleId :
VSTD005279

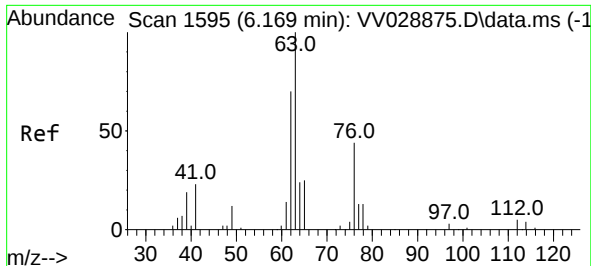
Tgt Ion: 95 Resp: 111189
Ion Ratio Lower Upper
95 100
97 65.2 45.6 84.8
132 98.7 69.1 128.3
130 107.0 74.9 139.1



#35
Methylcyclohexane
Concen: 5.280 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

Tgt Ion: 83 Resp: 198533
Ion Ratio Lower Upper
83 100
55 69.7 55.8 83.6
98 47.7 38.2 57.2





#37

1,2-Dichloropropane

Concen: 5.198 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028875.D

Acq: 11 Nov 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

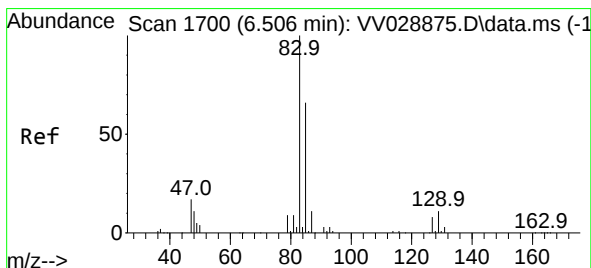
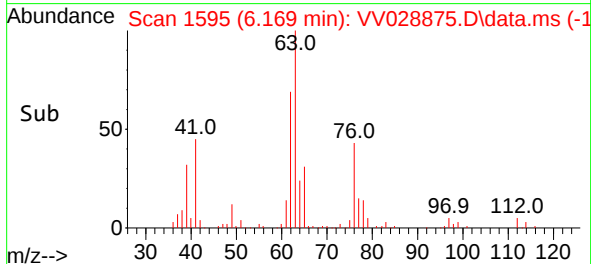
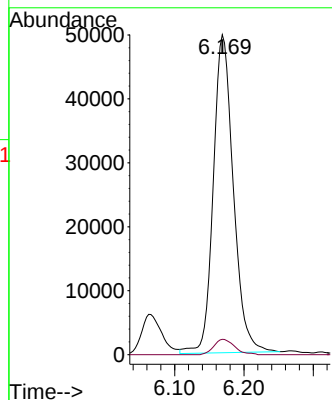
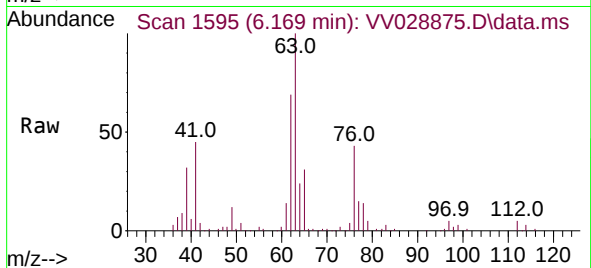
VSTD005279

Tgt Ion: 63 Resp: 100173

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 5.200 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV028875.D

Acq: 11 Nov 2022 14:18

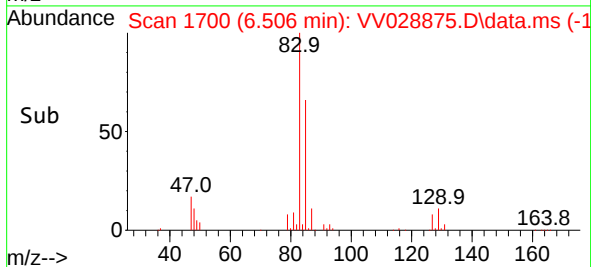
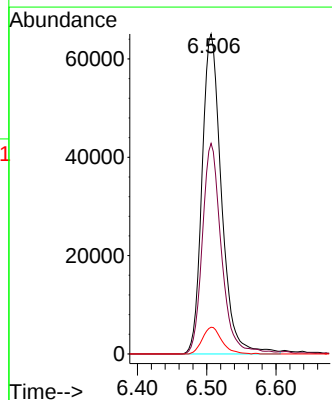
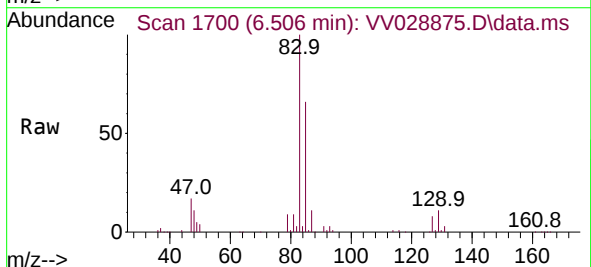
Tgt Ion: 83 Resp: 126925

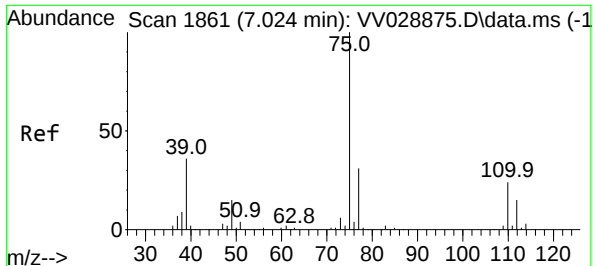
Ion Ratio Lower Upper

83 100

85 65.8 46.1 85.5

127 8.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 5.086 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV028875.D

Acq: 11 Nov 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

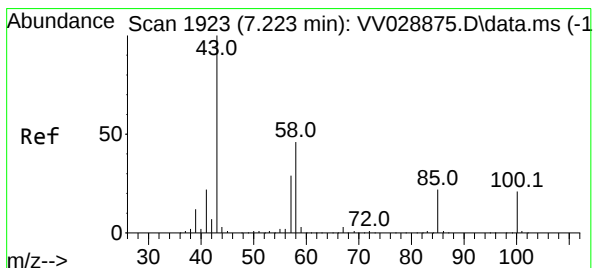
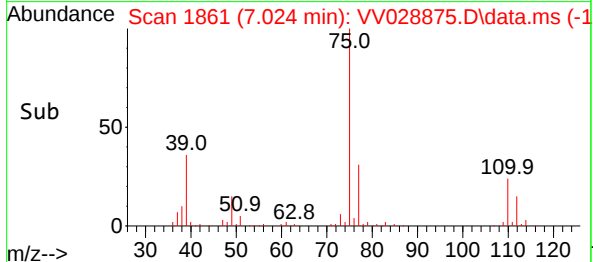
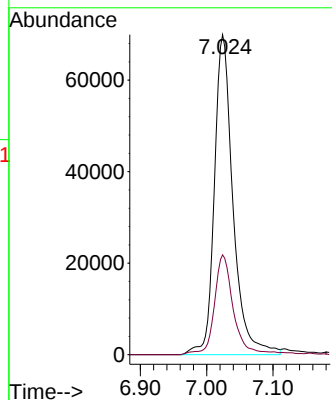
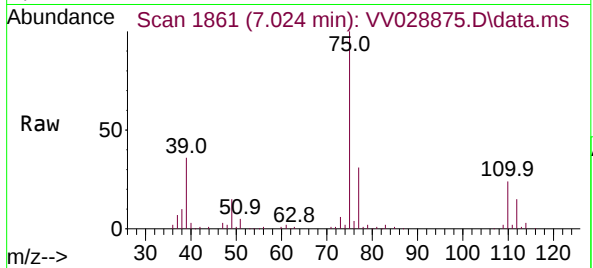
VSTD005279

Tgt Ion: 75 Resp: 136835

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 51.735 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV028875.D

Acq: 11 Nov 2022 14:18

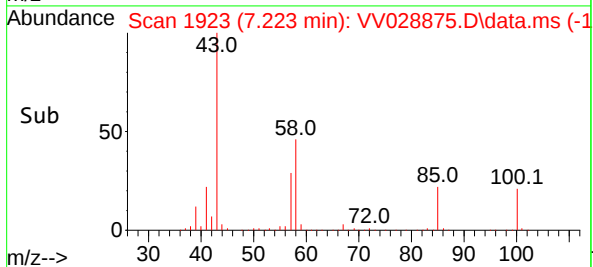
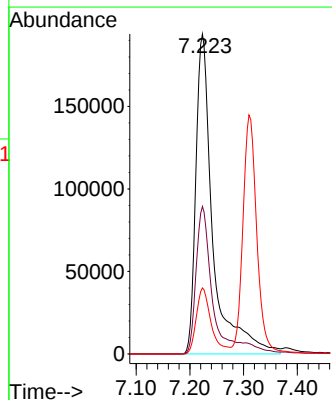
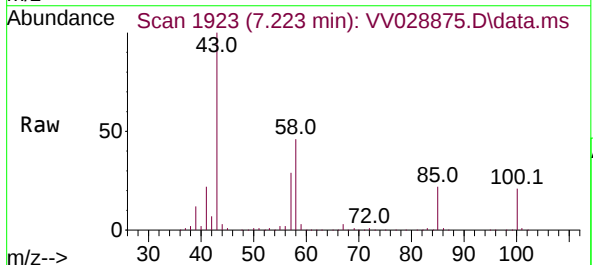
Tgt Ion: 43 Resp: 428190

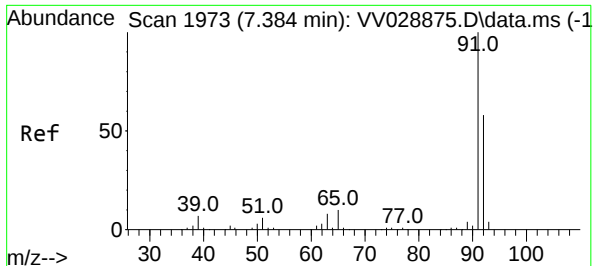
Ion Ratio Lower Upper

43 100

58 45.8 36.6 55.0

100 18.1 14.5 21.7

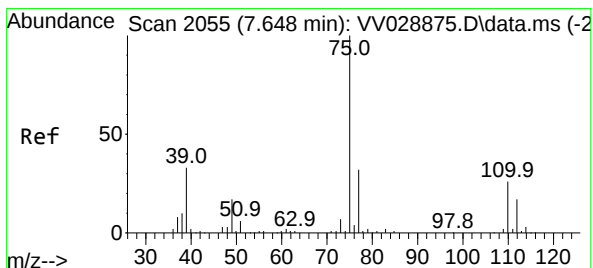
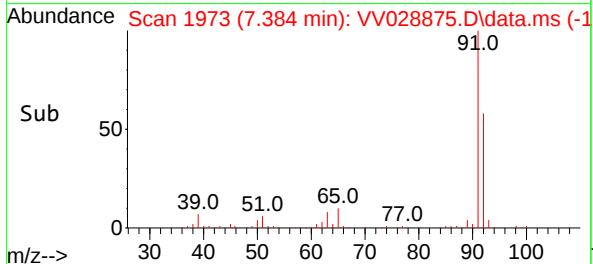
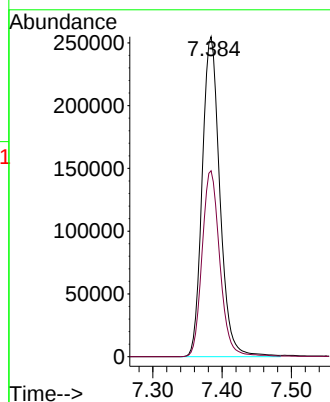
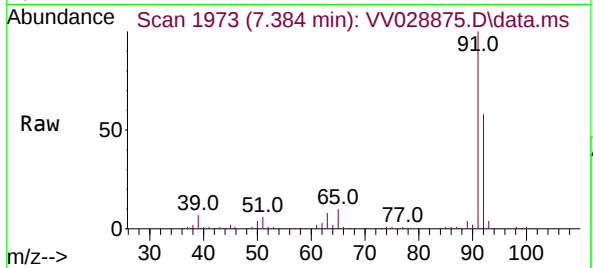




#42
Toluene
Concen: 5.002 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

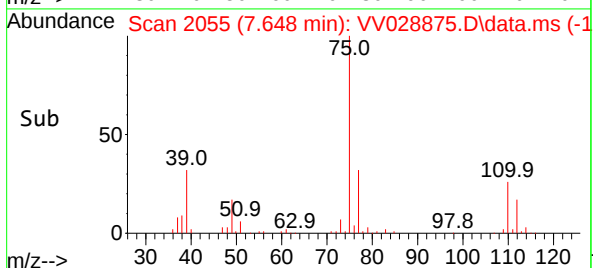
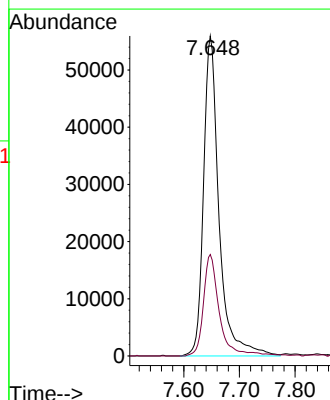
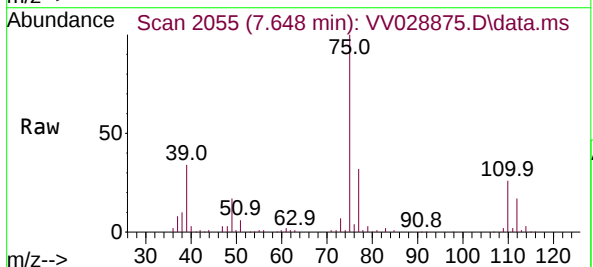
Instrument :
MSVOA_V
ClientSampleId :
VSTD005279

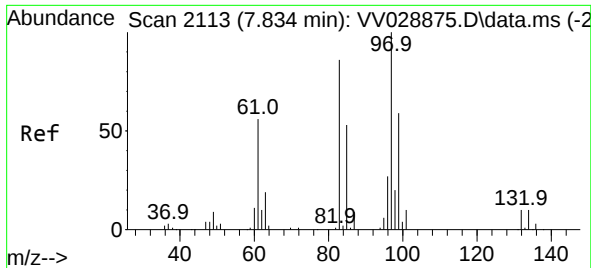
Tgt Ion: 91 Resp: 451628
Ion Ratio Lower Upper
91 100
92 58.1 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 5.173 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

Tgt Ion: 75 Resp: 108056
Ion Ratio Lower Upper
75 100
77 31.7 22.2 41.2

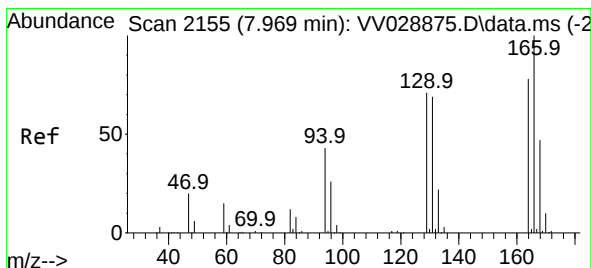
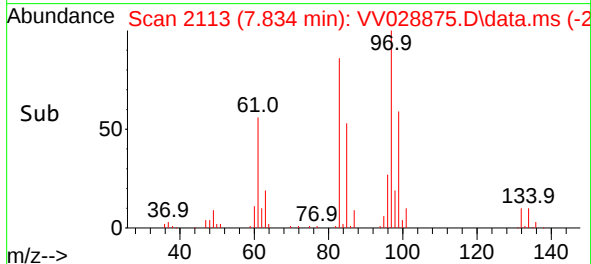
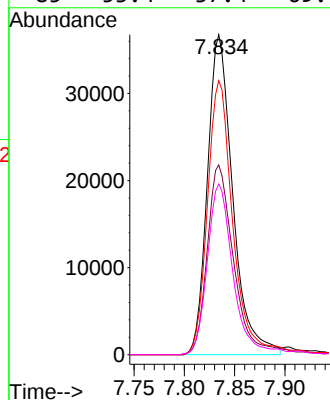
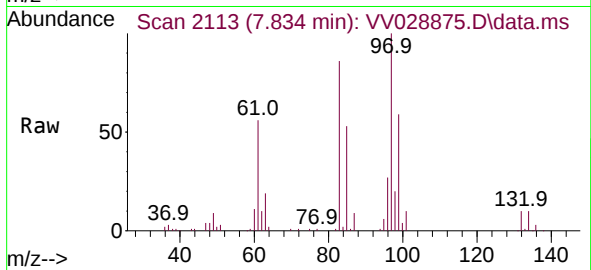




#45
1,1,2-Trichloroethane
Concen: 5.114 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

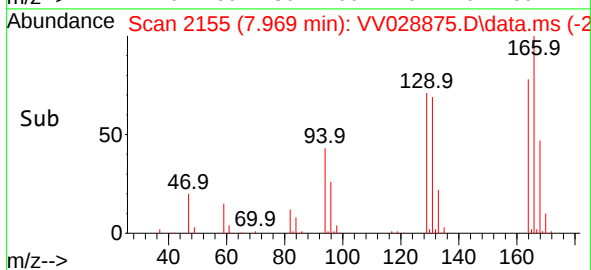
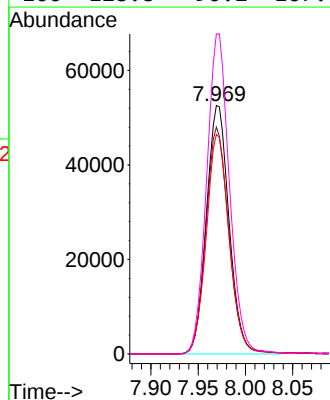
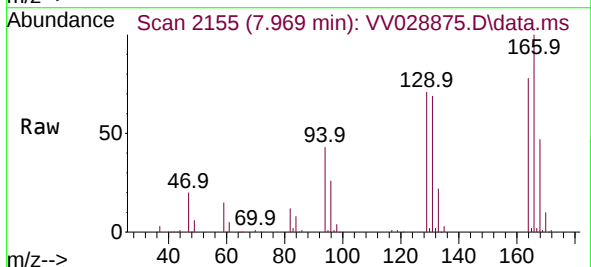
Instrument :
MSVOA_V
ClientSampleId :
VSTD005279

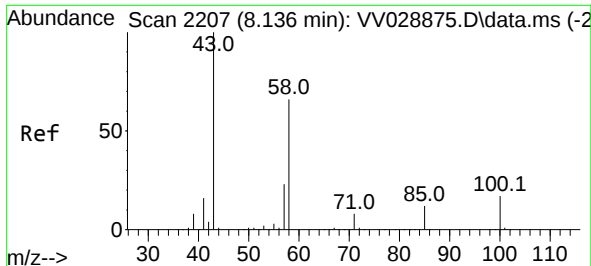
Tgt Ion:	97	Resp:	64517
Ion	Ratio	Lower	Upper
97	100		
99	59.3	41.5	77.1
83	85.7	60.0	111.4
85	53.4	37.4	69.4



#47
Tetrachloroethene
Concen: 5.143 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

Tgt Ion:	164	Resp:	88104
Ion	Ratio	Lower	Upper
164	100		
129	91.3	63.9	118.7
131	88.3	61.8	114.8
166	128.8	90.2	167.4

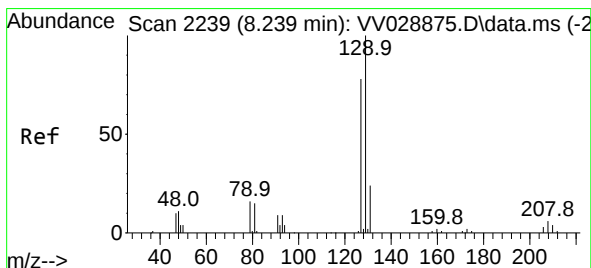
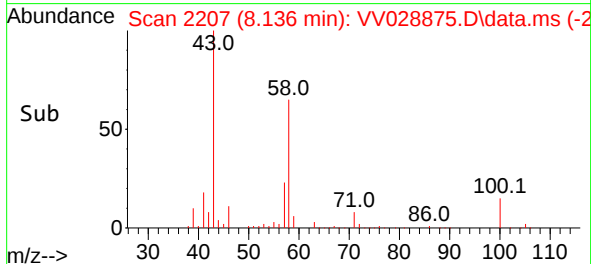
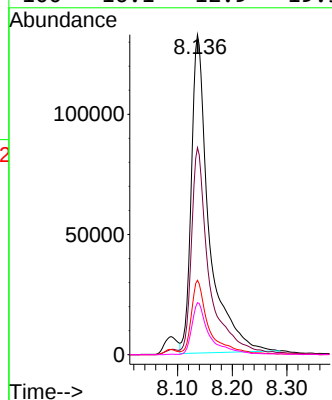
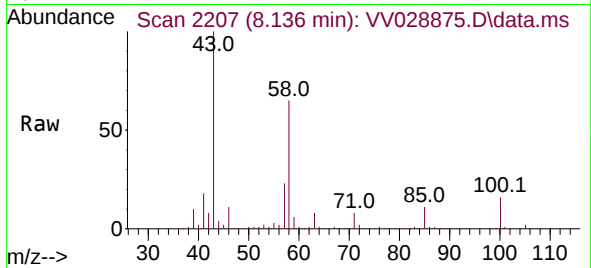




#48
2-Hexanone
Concen: 51.816 ug/L
RT: 8.136 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

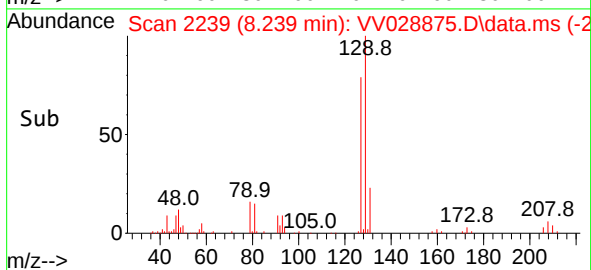
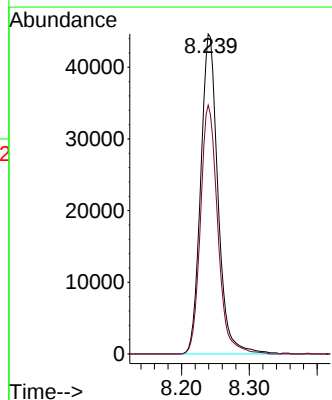
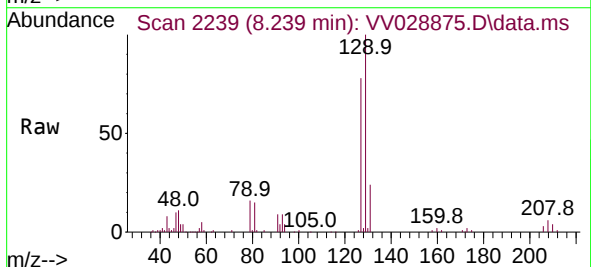
Instrument :
MSVOA_V
ClientSampleId :
VSTD005279

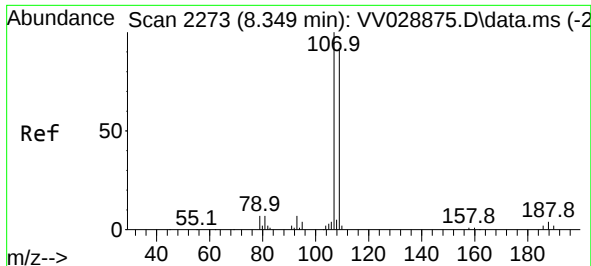
Tgt Ion:	43	Resp:	298911
Ion	Ratio	Lower	Upper
43	100		
58	62.8	50.2	75.4
57	22.3	17.8	26.8
100	16.1	12.9	19.3



#49
Dibromochloromethane
Concen: 5.169 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

Tgt Ion:	129	Resp:	78847
Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.5	101.1





#50

1,2-Dibromoethane

Concen: 5.152 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028875.D

Acq: 11 Nov 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005279

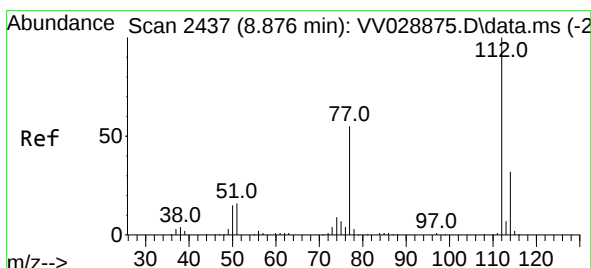
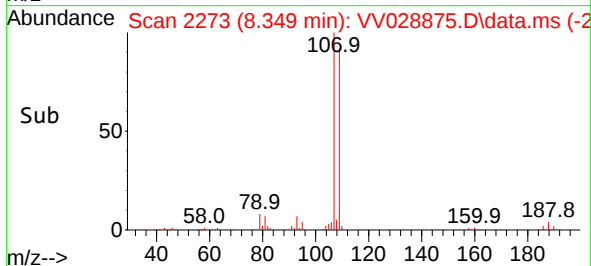
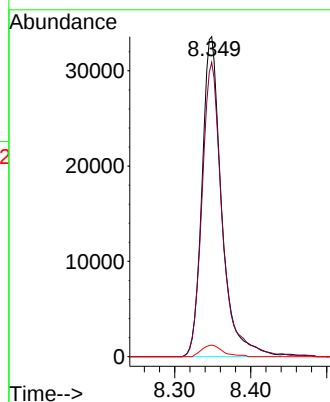
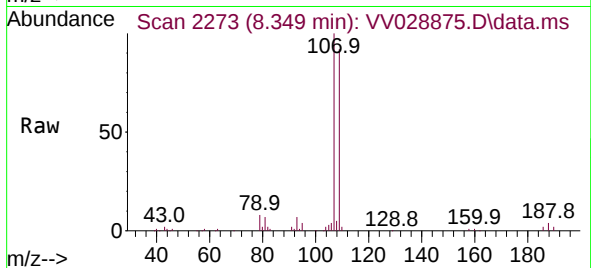
Tgt Ion:107 Resp: 60380

Ion Ratio Lower Upper

107 100

109 92.0 64.4 119.6

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 5.126 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.000 min

Lab File: VV028875.D

Acq: 11 Nov 2022 14:18

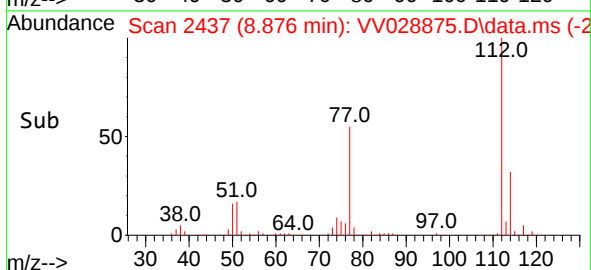
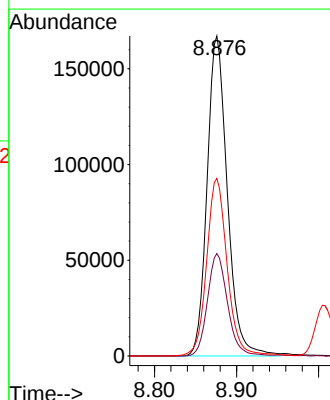
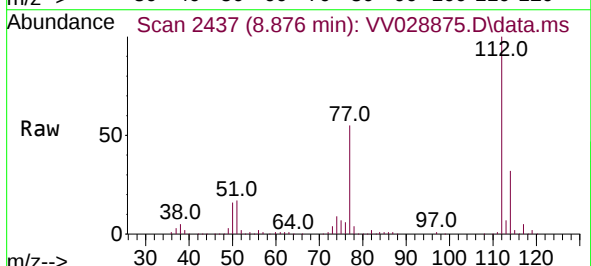
Tgt Ion:112 Resp: 286171

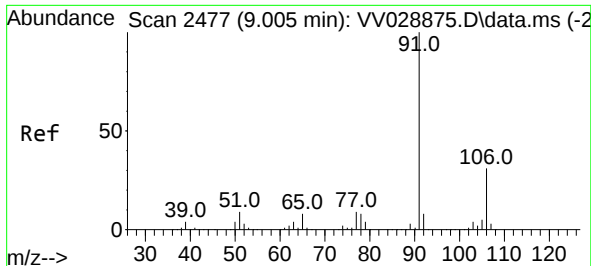
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 55.5 44.4 66.6





#52

Ethylbenzene

Concen: 5.159 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. 0.000 min

Lab File: VV028875.D

Acq: 11 Nov 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

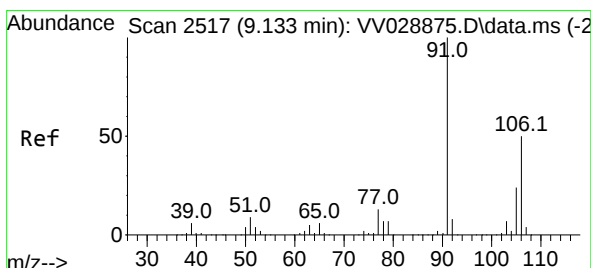
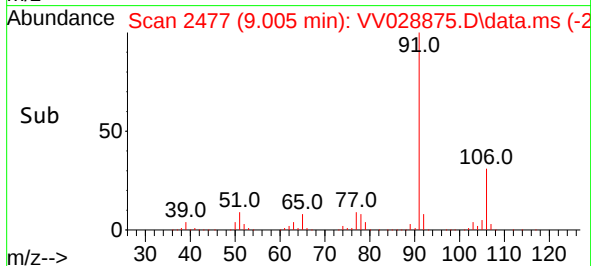
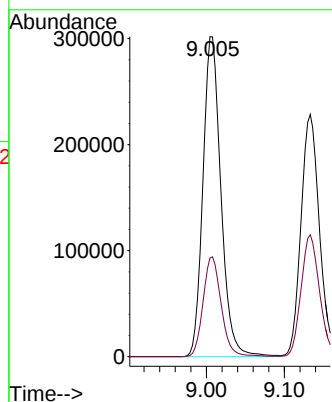
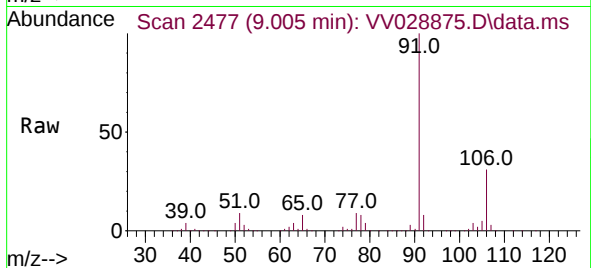
VSTD005279

Tgt Ion: 91 Resp: 484920

Ion Ratio Lower Upper

91 100

106 30.9 21.6 40.2



#53

m,p-Xylene

Concen: 5.196 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.000 min

Lab File: VV028875.D

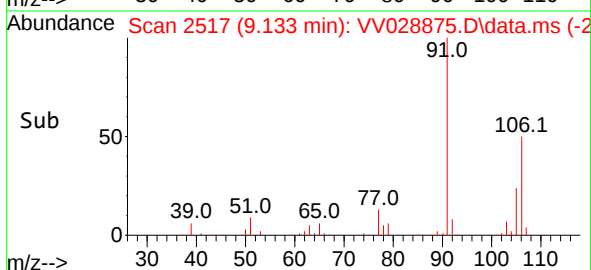
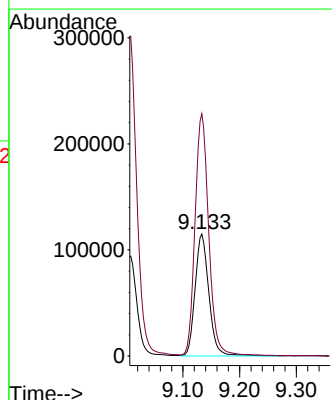
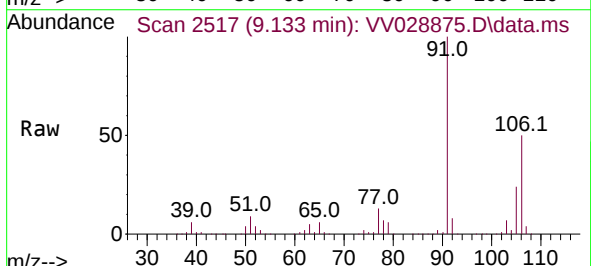
Acq: 11 Nov 2022 14:18

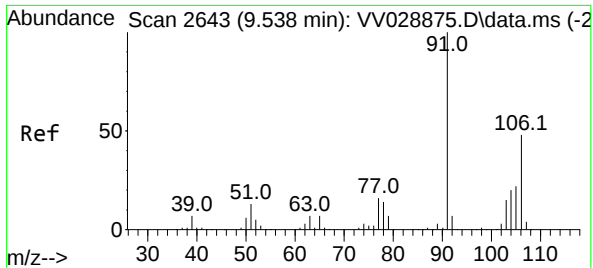
Tgt Ion: 106 Resp: 194238

Ion Ratio Lower Upper

106 100

91 198.7 139.1 258.3

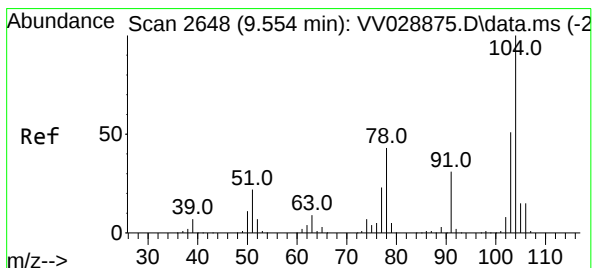
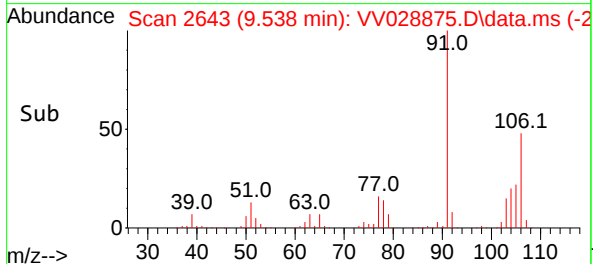
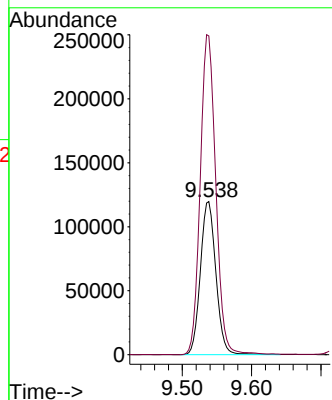
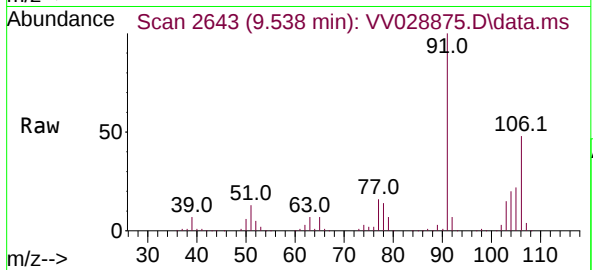




#54
o-Xylene
Concen: 5.231 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

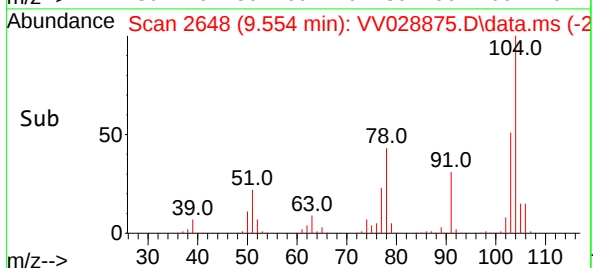
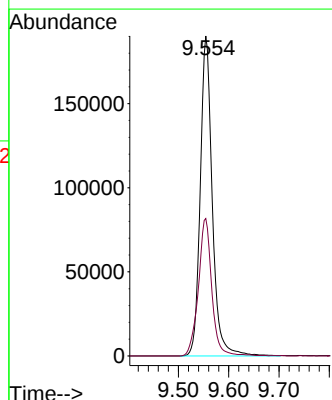
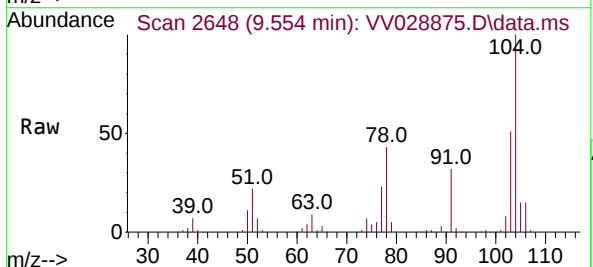
Instrument :
MSVOA_V
ClientSampleId :
VSTD005279

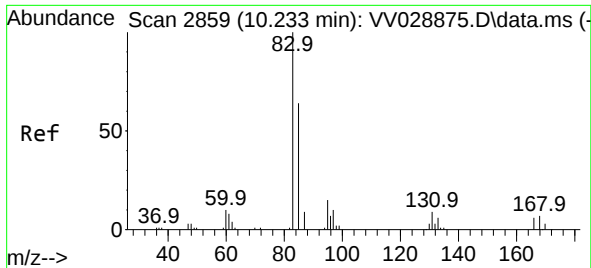
Tgt Ion:106 Resp: 185887
Ion Ratio Lower Upper
106 100
91 208.2 145.7 270.7



#55
Styrene
Concen: 5.321 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

Tgt Ion:104 Resp: 317157
Ion Ratio Lower Upper
104 100
78 43.0 30.1 55.9

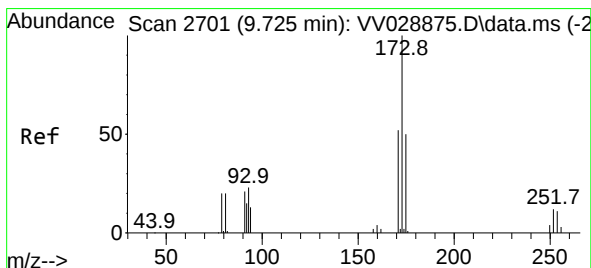
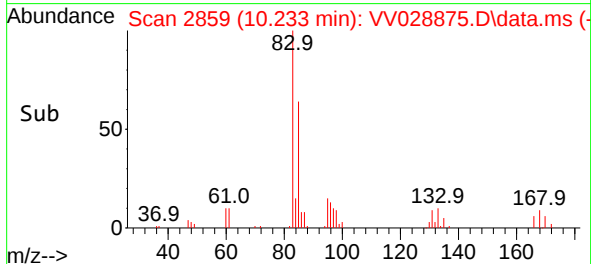
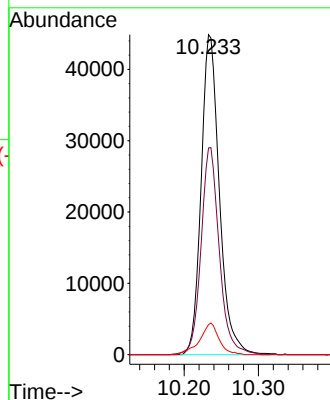
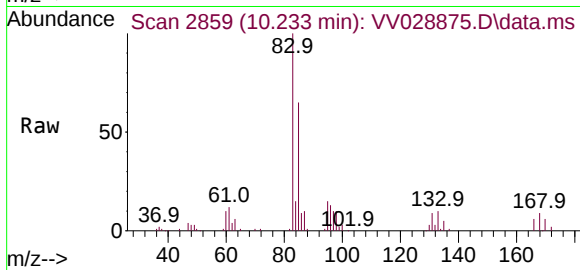




#57
1,1,2,2-Tetrachloroethane
Concen: 5.212 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

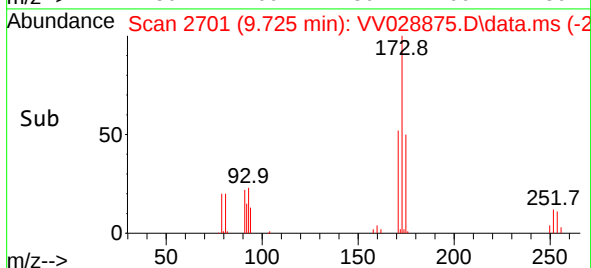
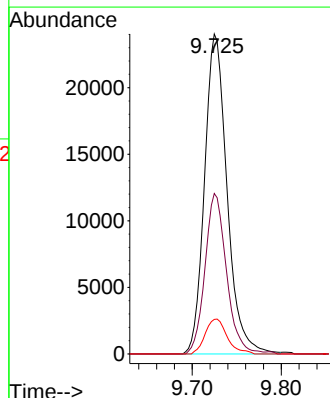
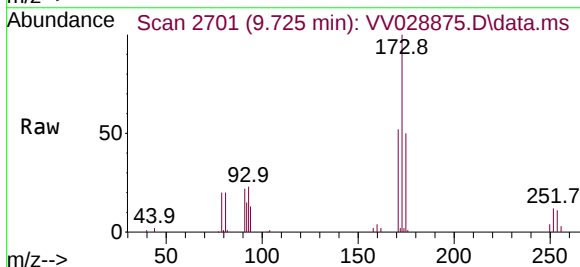
Instrument :
MSVOA_V
ClientSampleId :
VSTD005279

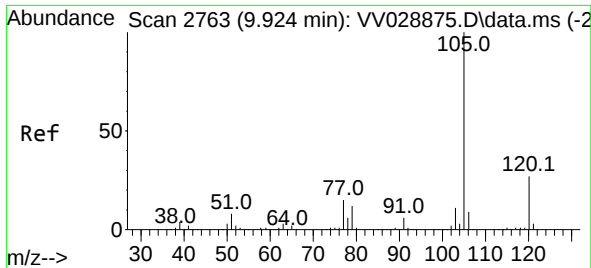
Tgt Ion:	83	Resp:	76644
Ion Ratio	Lower	Upper	
83	100		
85	64.6	45.2	84.0
131	9.4	7.5	11.3



#59
Bromoform
Concen: 5.243 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

Tgt Ion:	173	Resp:	42181
Ion Ratio	Lower	Upper	
173	100		
175	47.8	38.2	57.4
254	10.6	8.5	12.7

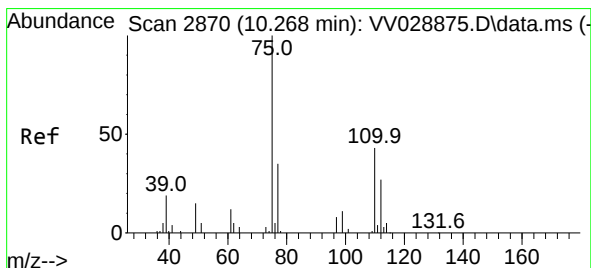
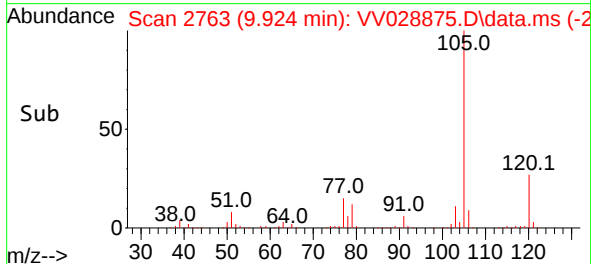
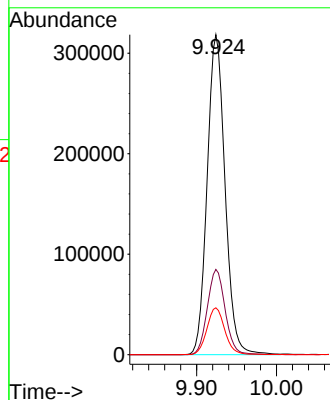
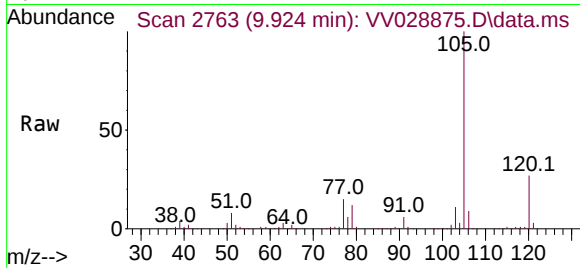




#60
Isopropylbenzene
Concen: 5.175 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

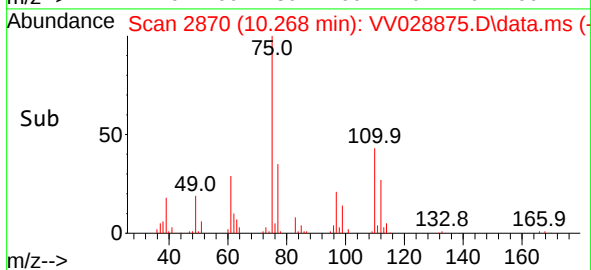
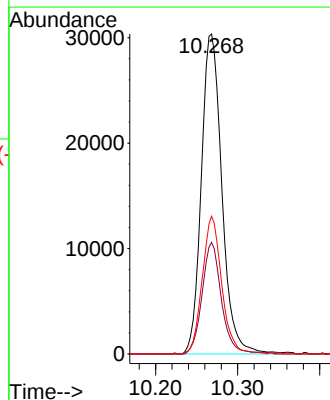
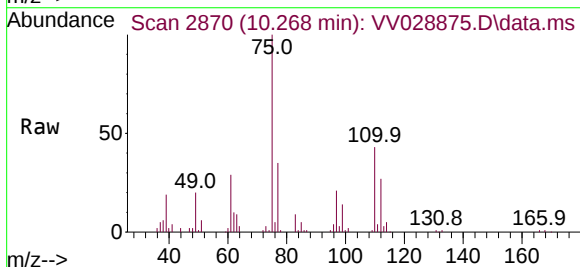
Instrument :
MSVOA_V
ClientSampleId :
VSTD005279

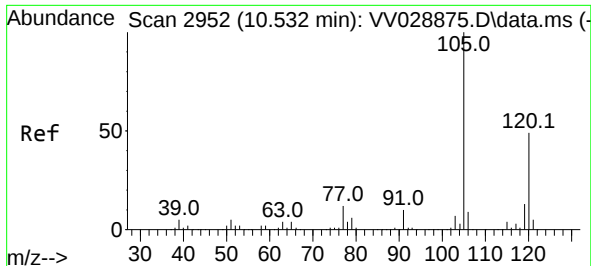
Tgt Ion:105 Resp: 495691
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.241 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

Tgt Ion: 75 Resp: 52849
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 40.7 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 5.201 ug/L

RT: 10.532 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VV028875.D

Acq: 11 Nov 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

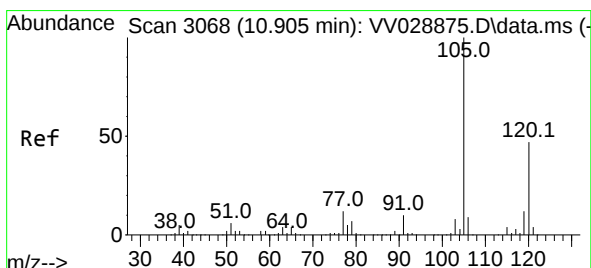
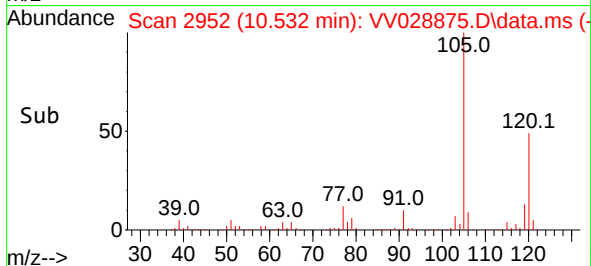
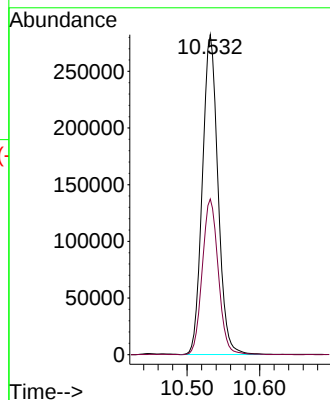
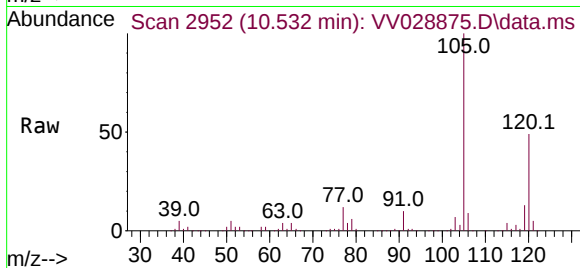
VSTD005279

Tgt Ion:105 Resp: 422020

Ion Ratio Lower Upper

105 100

120 49.9 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.161 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV028875.D

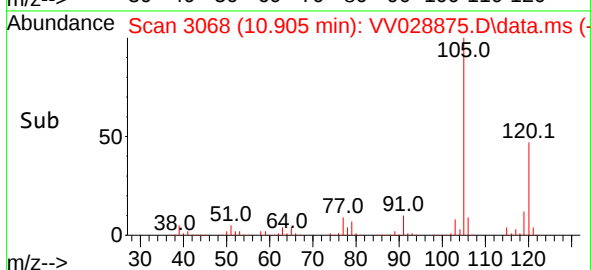
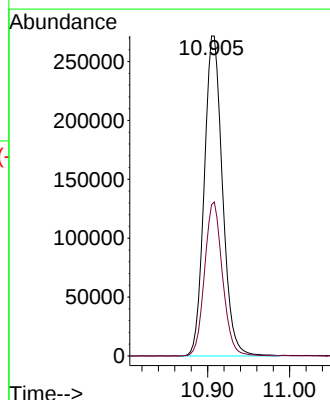
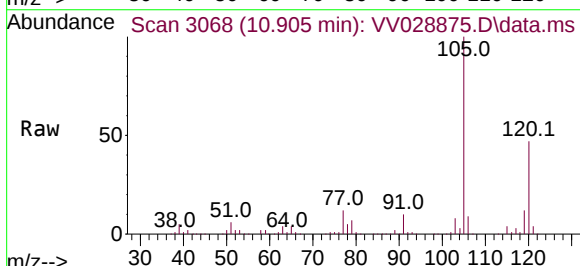
Acq: 11 Nov 2022 14:18

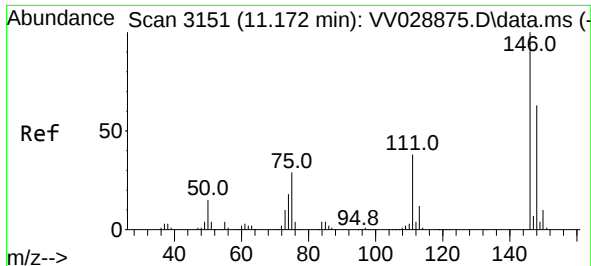
Tgt Ion:105 Resp: 419448

Ion Ratio Lower Upper

105 100

120 47.3 37.8 56.8

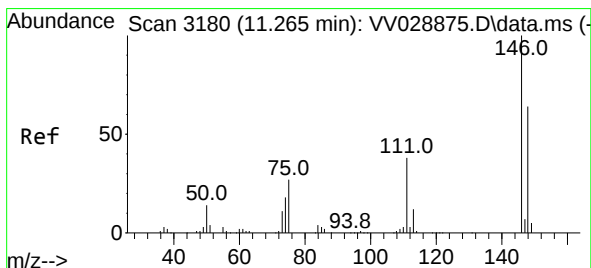
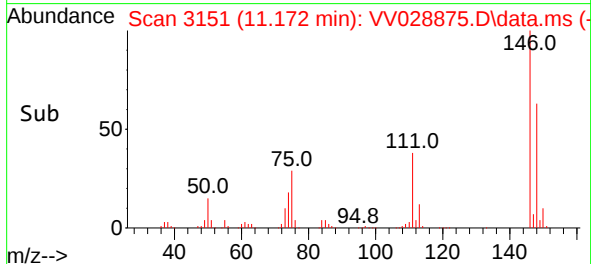
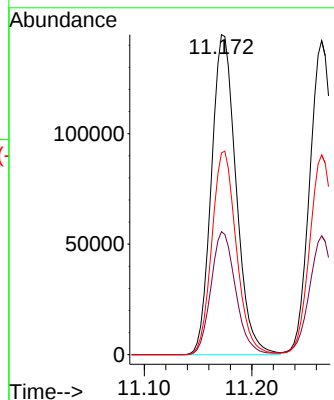
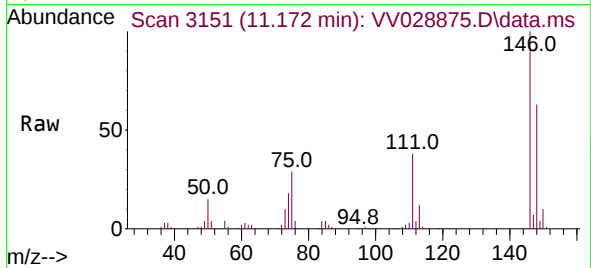




#64
1,3-Dichlorobenzene
Concen: 5.137 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

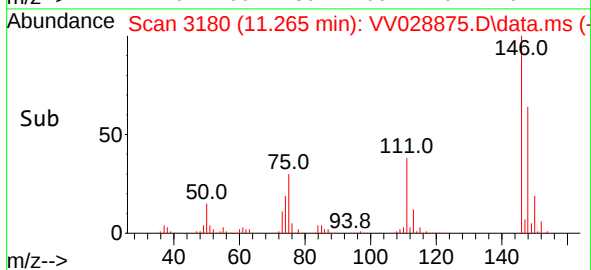
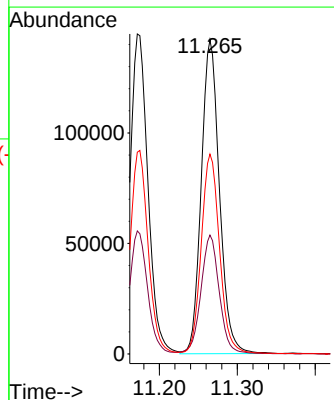
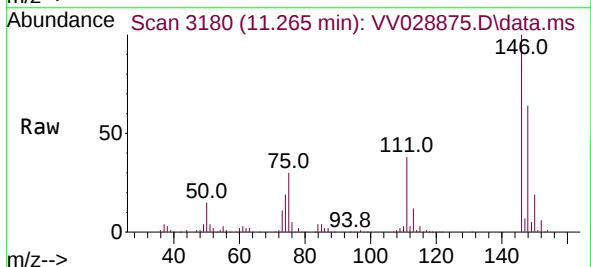
Instrument :
MSVOA_V
ClientSampleId :
VSTD005279

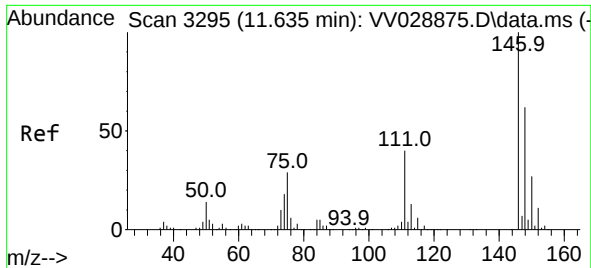
Tgt Ion:146 Resp: 231167
Ion Ratio Lower Upper
146 100
111 38.5 26.9 50.1
148 63.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.085 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

Tgt Ion:146 Resp: 230054
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.3
148 63.6 44.5 82.7

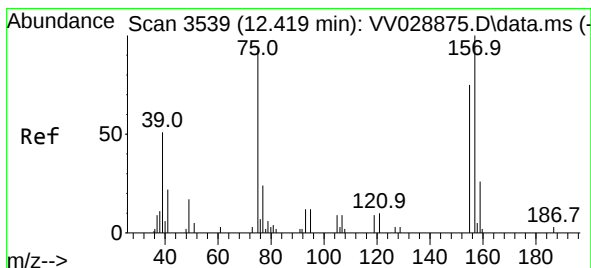
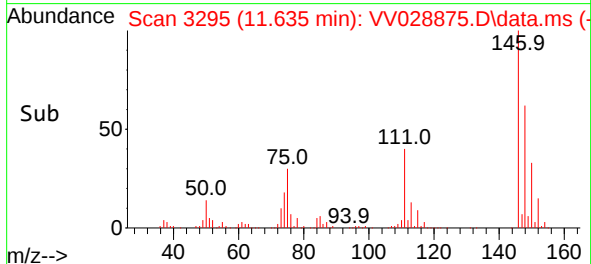
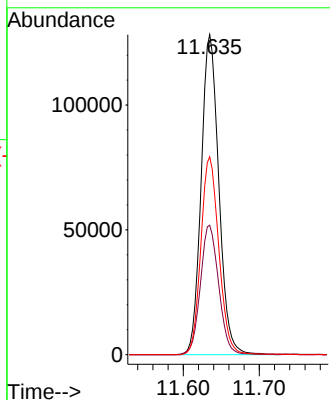
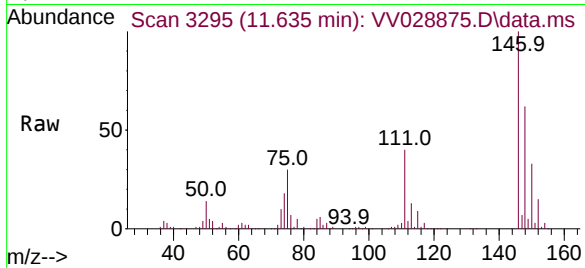




#67
1,2-Dichlorobenzene
Concen: 5.120 ug/L
RT: 11.635 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

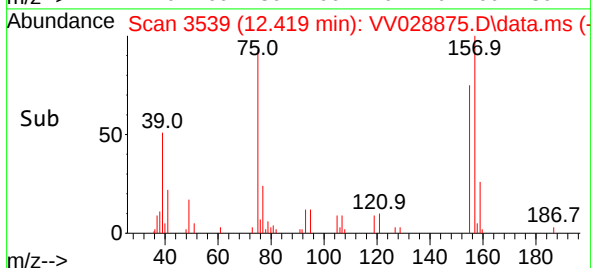
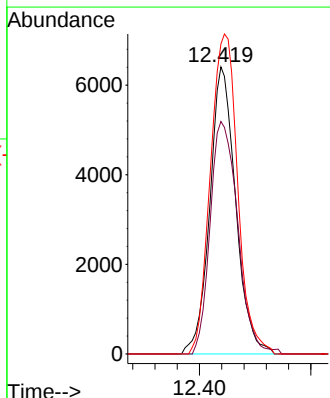
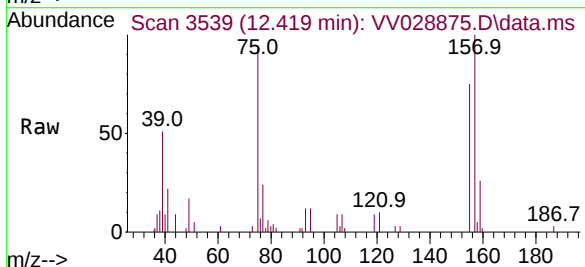
Instrument :
MSVOA_V
ClientSampleId :
VSTD005279

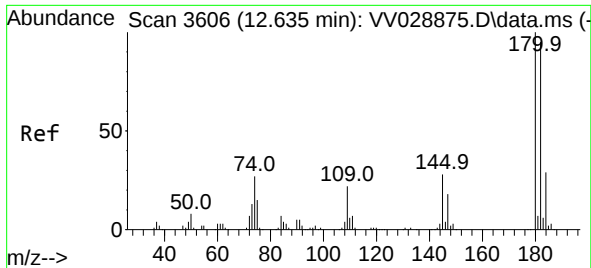
Tgt Ion:146 Resp: 207022
Ion Ratio Lower Upper
146 100
111 40.5 32.4 48.6
148 61.8 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.205 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VV028875.D
Acq: 11 Nov 2022 14:18

Tgt Ion: 75 Resp: 10327
Ion Ratio Lower Upper
75 100
155 81.0 64.8 97.2
157 107.9 86.3 129.5



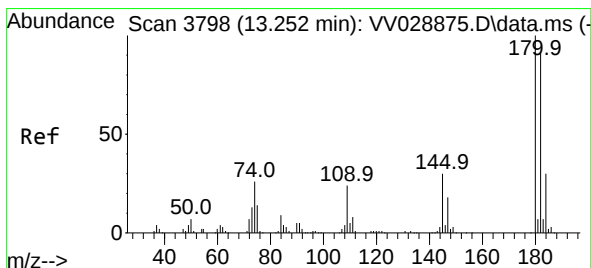
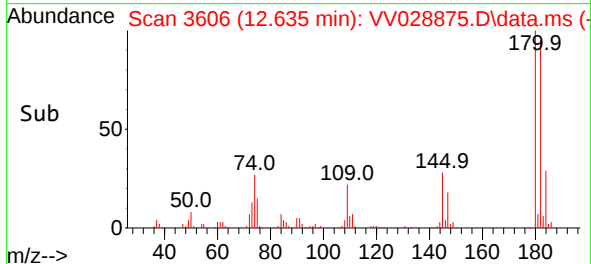
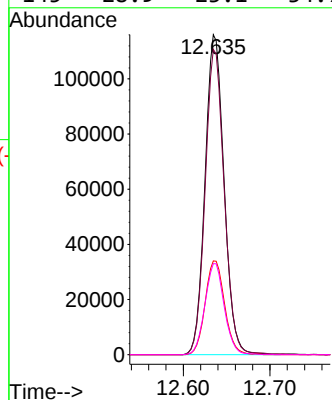
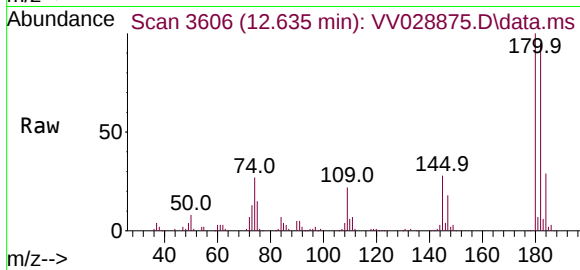


#69
 1,3,5-Trichlorobenzene
 Concen: 5.096 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV028875.D
 Acq: 11 Nov 2022 14:18

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005279

Tgt Ion:180 Resp: 176927

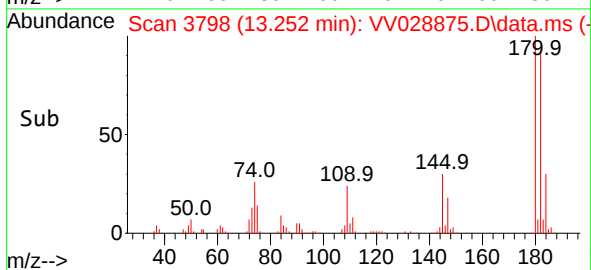
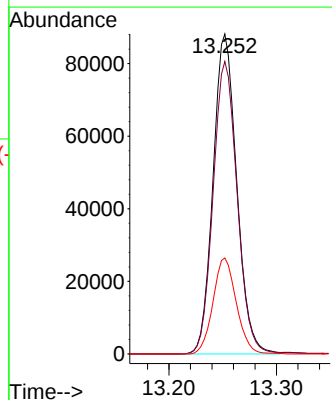
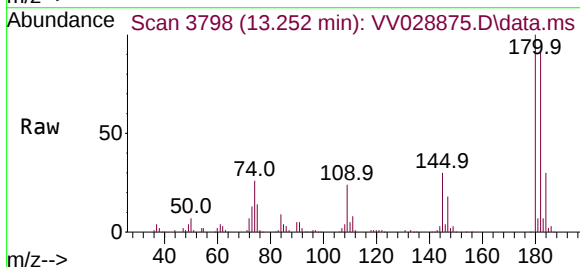
Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.7	115.1
184	30.0	24.0	36.0
145	28.9	23.1	34.7

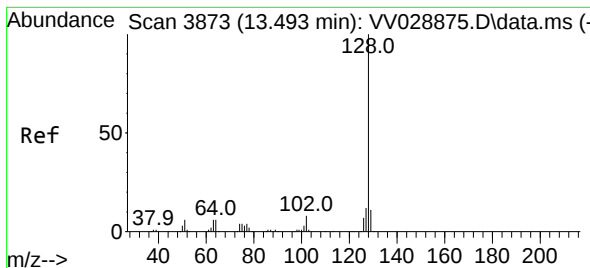


#70
 1,2,4-trichlorobenzene
 Concen: 5.131 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. 0.000 min
 Lab File: VV028875.D
 Acq: 11 Nov 2022 14:18

Tgt Ion:180 Resp: 134747

Ion	Ratio	Lower	Upper
180	100		
182	92.9	74.3	111.5
145	29.6	23.7	35.5





#71

Naphthalene

Concen: 4.809 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV028875.D

Acq: 11 Nov 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005279

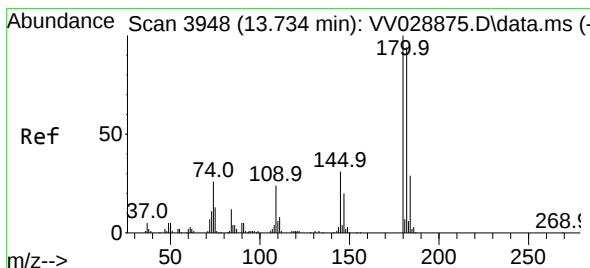
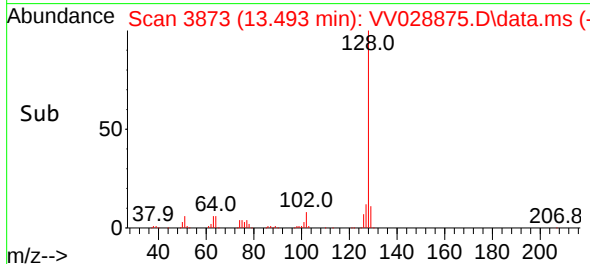
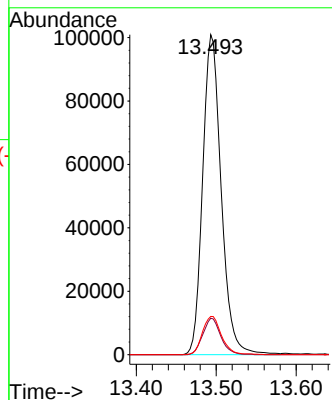
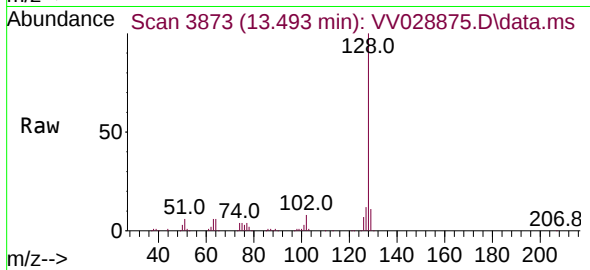
Tgt Ion:128 Resp: 162971

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.3 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 5.174 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.000 min

Lab File: VV028875.D

Acq: 11 Nov 2022 14:18

Tgt Ion:180 Resp: 115086

Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

145 31.1 24.9 37.3

