

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028272.D
 Acq On : 03 Oct 2022 11:43
 Operator : SY/MD
 Sample : VSTD01055
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010255

Quant Time: Oct 04 01:54:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 03 12:31:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	171936	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	168408	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	92209	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	134808	7.563	ug/L	0.00
7) Chloroethane-d5	1.561	69	111066	7.837	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	249610	8.074	ug/L	0.00
20) 2-Butanone-d5	3.896	46	248470	82.567	ug/L	0.00
24) Chloroform-d	4.336	84	247419	8.698	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	113322	8.373	ug/L	0.00
32) Benzene-d6	5.040	84	506110	9.165	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	140413	8.156	ug/L	0.00
41) Toluene-d8	7.310	98	471832	9.440	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	56130	9.027	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	244612	94.251	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	103253	8.775	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	164213	9.079	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	151830	11.823	ug/L	93
3) Chloromethane	1.233	50	138151	8.124	ug/L	98
5) Vinyl chloride	1.304	62	160546	12.041	ug/L	99
6) Bromomethane	1.516	94	72270	8.323	ug/L	98
8) Chloroethane	1.577	64	99571	11.137	ug/L	94
9) Trichlorofluoromethane	1.745	101	235517	11.126	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	128926	10.568	ug/L	95
12) 1,1-Dichloroethene	2.108	96	130319	10.967	ug/L	81
13) Acetone	2.195	43	71664	30.917	ug/L	95
14) Carbon disulfide	2.285	76	401268	17.598	ug/L	98
15) Methyl Acetate	2.436	43	41049	9.123	ug/L #	85
16) Methylene chloride	2.497	84	137748	10.385	ug/L	86
17) Methyl tert-butyl Ether	2.764	73	283120	11.076	ug/L	95
18) trans-1,2-Dichloroethene	2.751	96	135778	13.054	ug/L	96
19) 1,1-Dichloroethane	3.179	63	238021	10.490	ug/L	97
21) 2-Butanone	3.982	43	255095	88.892	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	142714	10.456	ug/L	93
23) Bromochloromethane	4.240	128	62481	11.433	ug/L	87
25) Chloroform	4.365	83	252152	10.356	ug/L	99
27) 1,2-Dichloroethane	5.124	62	140898	10.852	ug/L #	95
29) 1,1,1-Trichloroethane	4.600	97	231106	11.169	ug/L	96
30) Cyclohexane	4.667	56	207929	13.894	ug/L	92
31) Carbon tetrachloride	4.818	117	205461	12.066	ug/L	99
33) Benzene	5.092	78	555913	11.887	ug/L	100
34) Trichloroethene	5.905	95	140904	12.104	ug/L	98
35) Methylcyclohexane	6.124	83	236644	14.823	ug/L	93
37) 1,2-Dichloropropane	6.166	63	129957	9.913	ug/L	98
38) Bromodichloromethane	6.503	83	173511	10.720	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	190304	11.686	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	634654	99.688	ug/L #	92
42) Toluene	7.381	91	609135	12.487	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	158570	11.321	ug/L	96

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

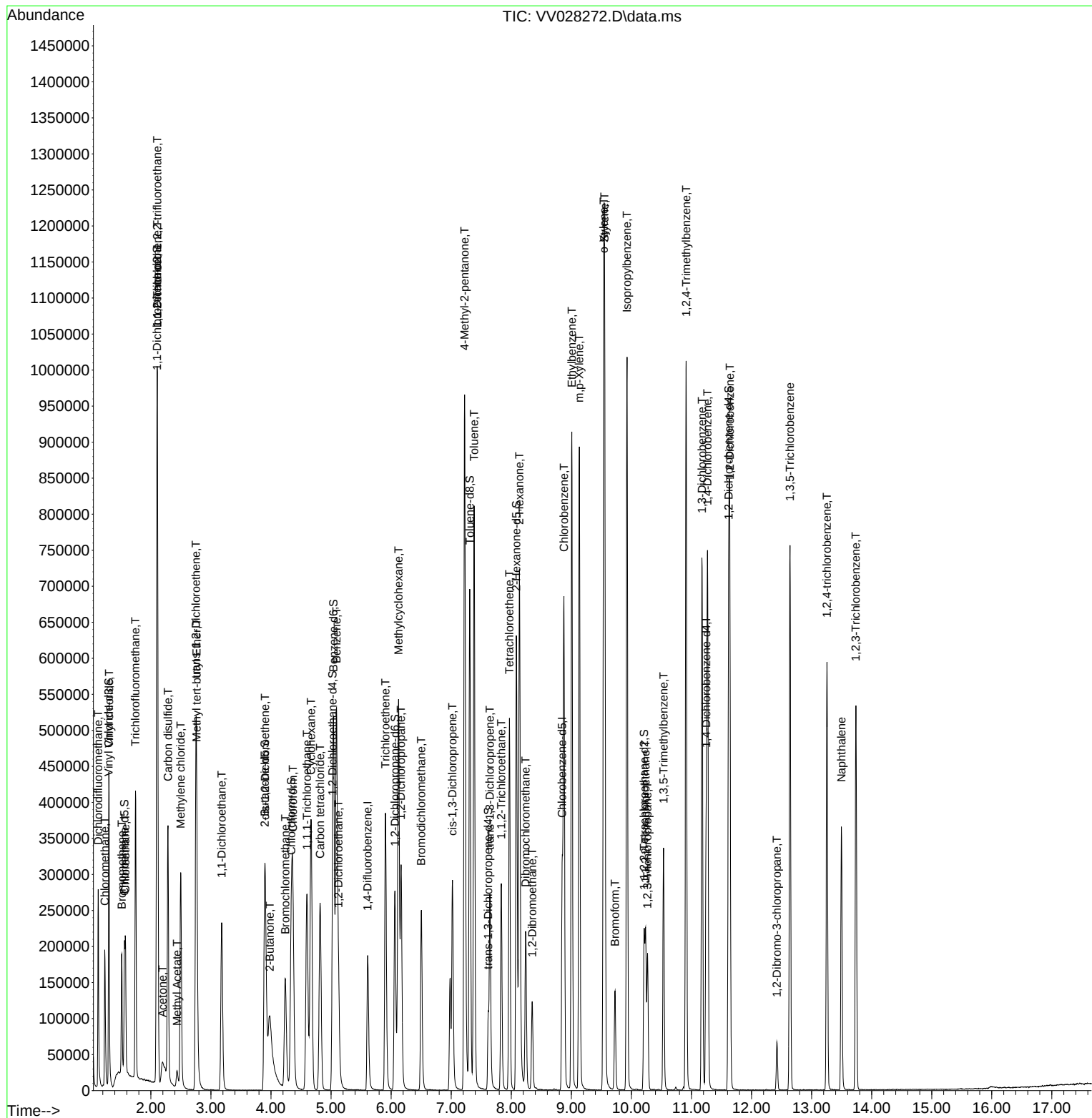
45) 1,1,2-Trichloroethane	7.834	97	93545	10.645	ug/L	97
47) Tetrachloroethene	7.969	164	117420	12.637	ug/L	99
48) 2-Hexanone	8.137	43	446984	92.485	ug/L #	92
49) Dibromochloromethane	8.239	129	115496	10.931	ug/L	100
50) 1,2-Dibromoethane	8.349	107	85096	11.142	ug/L	98
51) Chlorobenzene	8.876	112	380934	11.643	ug/L	99
52) Ethylbenzene	9.008	91	636589	12.335	ug/L	99
53) m,p-Xylene	9.133	106	257863	13.038	ug/L	97
54) o-Xylene	9.538	106	243929	12.490	ug/L	99
55) Styrene	9.555	104	430569	12.723	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	105403	10.294	ug/L	100
59) Bromoform	9.728	173	63879	10.911	ug/L	99
60) Isopropylbenzene	9.927	105	650946	12.027	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	76347	9.872	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	181641	11.915	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	538610	12.639	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	306872	11.394	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	299773	11.125	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	277158	10.894	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	17274	10.190	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	237895	11.160	ug/L	99
70) 1,2,4-trichlorobenzene	13.255	180	188317	11.046	ug/L	100
71) Naphthalene	13.496	128	292946	10.493	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	167798	10.882	ug/L	99

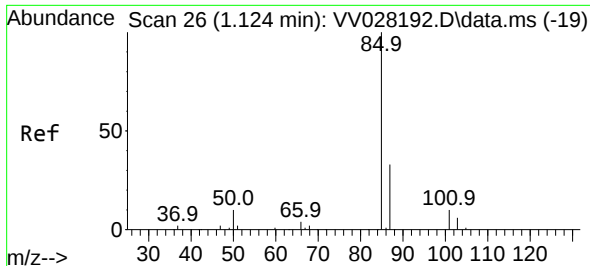
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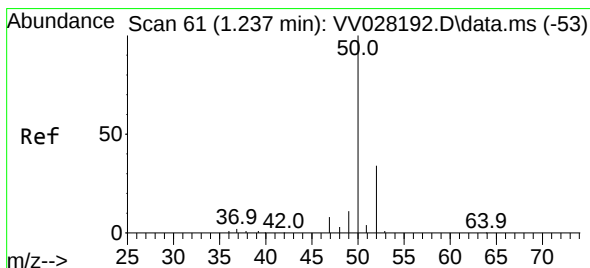
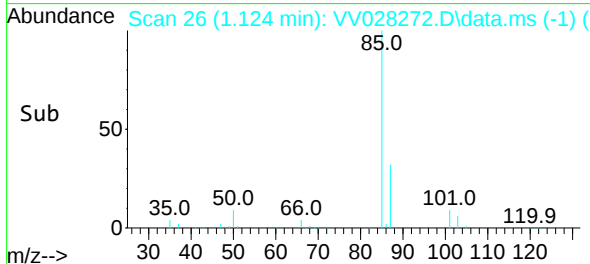
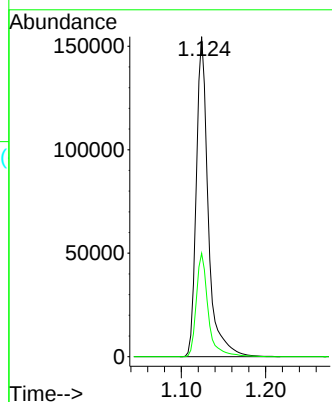
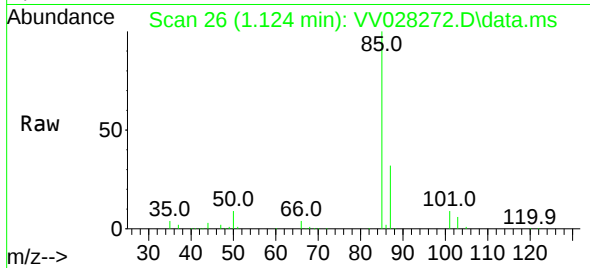




#2
Dichlorodifluoromethane
Concen: 11.823 ug/L
RT: 1.124 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

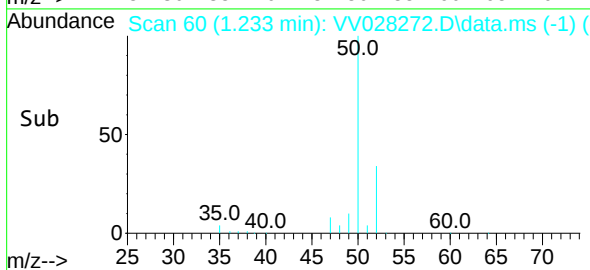
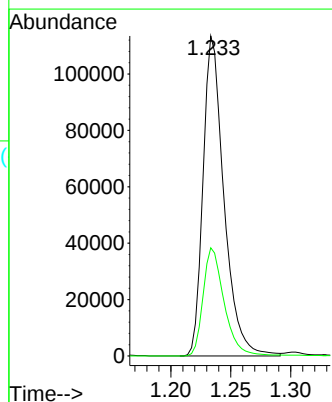
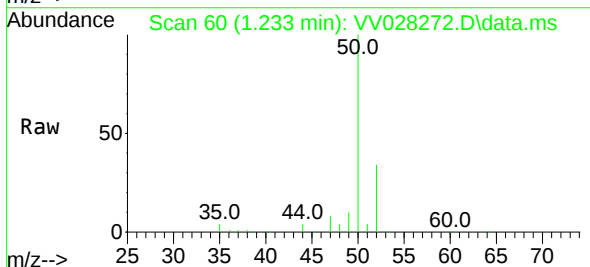
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MSVOA_V
ClientSampleId :
VSTD010255

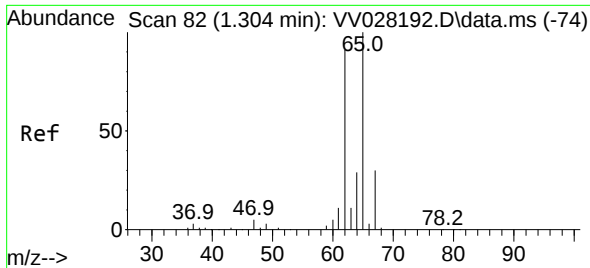
Tgt Ion: 85 Resp: 151830
Ion Ratio Lower Upper
85 100
87 32.2 22.8 34.2



#3
Chloromethane
Concen: 8.124 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion: 50 Resp: 138151
Ion Ratio Lower Upper
50 100
52 33.8 24.4 45.2

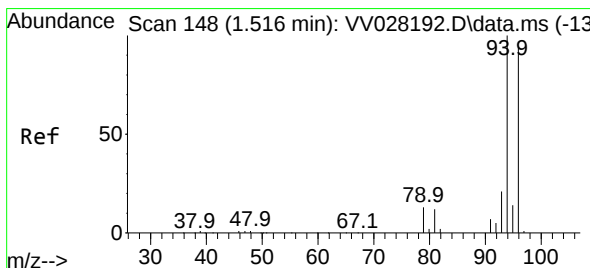
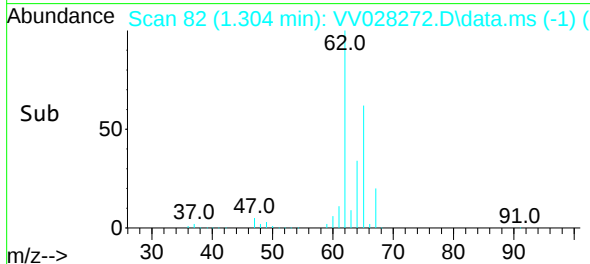
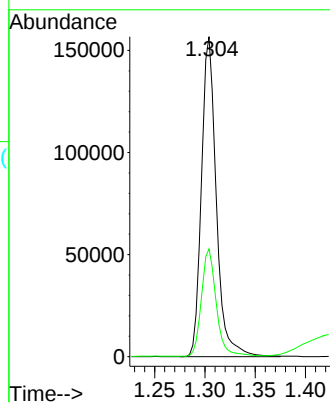
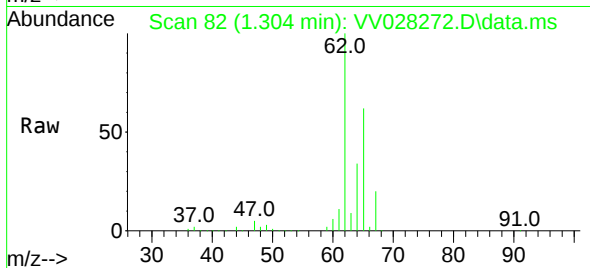




#5
 Vinyl chloride
 Concen: 12.041 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028272.D
 Acq: 03 Oct 2022 11:43

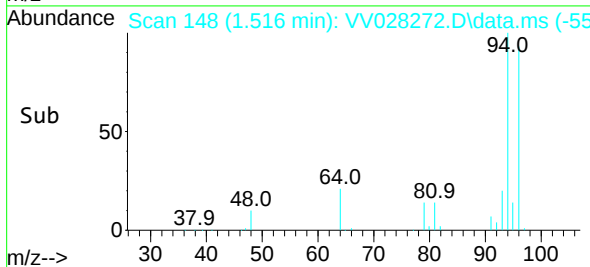
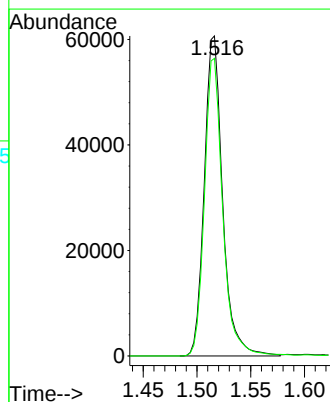
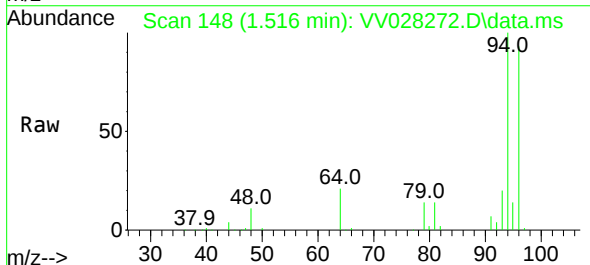
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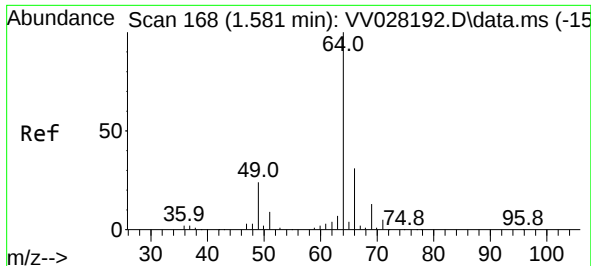
Tgt Ion: 62 Resp: 160546
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.0 42.8



#6
 Bromomethane
 Concen: 8.323 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028272.D
 Acq: 03 Oct 2022 11:43

Tgt Ion: 94 Resp: 72270
 Ion Ratio Lower Upper
 94 100
 96 93.0 66.7 123.9

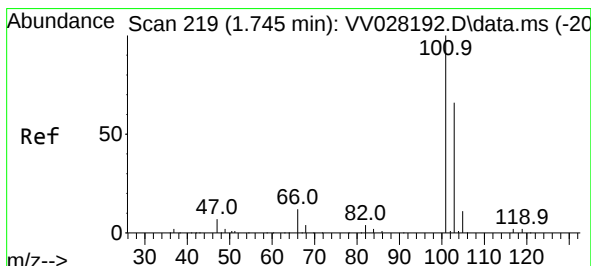
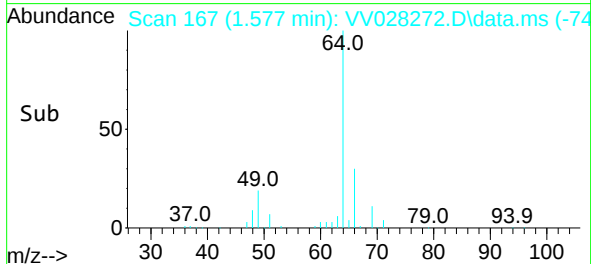
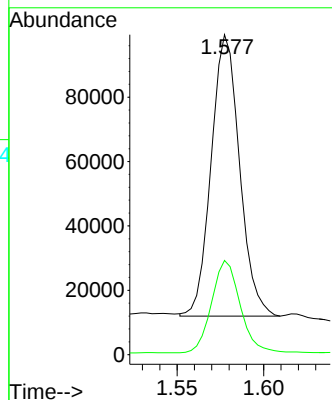
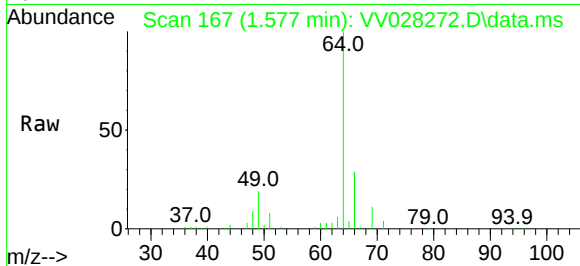




#8
Chloroethane
Concen: 11.137 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

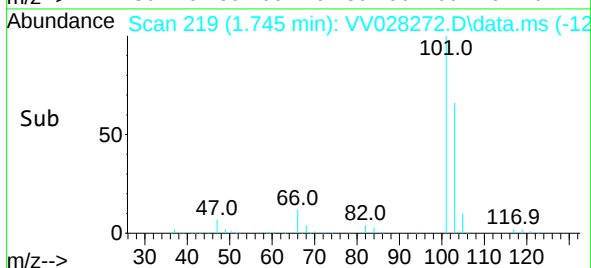
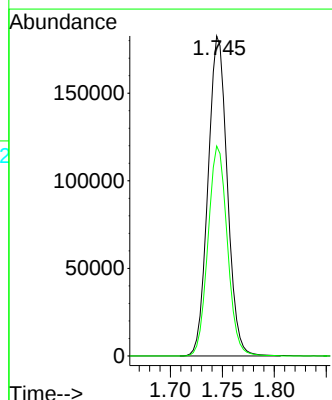
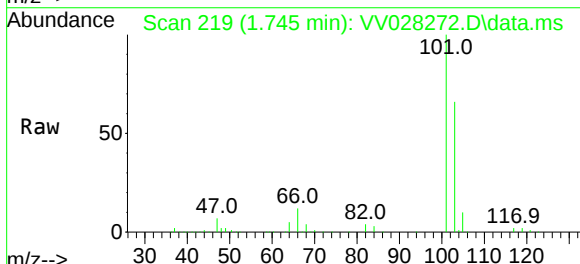
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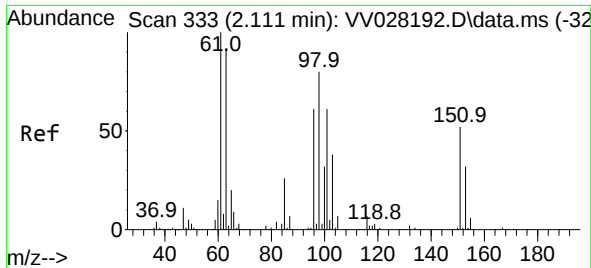
Tgt Ion: 64 Resp: 99571
Ion Ratio Lower Upper
64 100
66 29.5 23.0 42.8



#9
Trichlorofluoromethane
Concen: 11.126 ug/L
RT: 1.745 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion:101 Resp: 235517
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.0

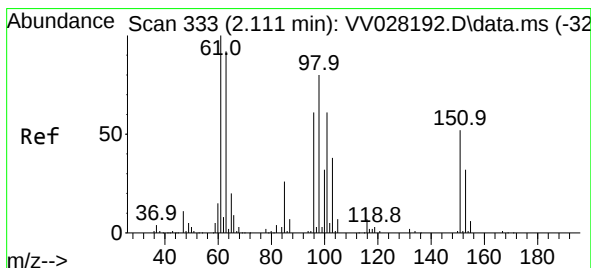
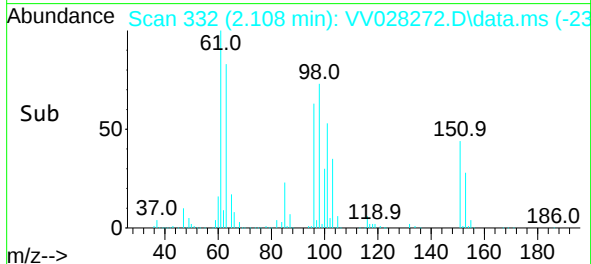
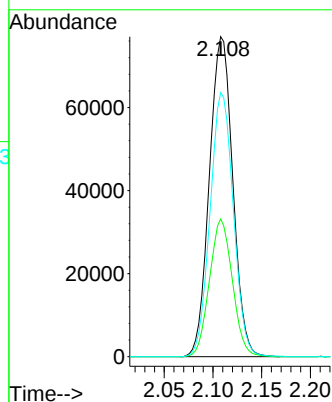
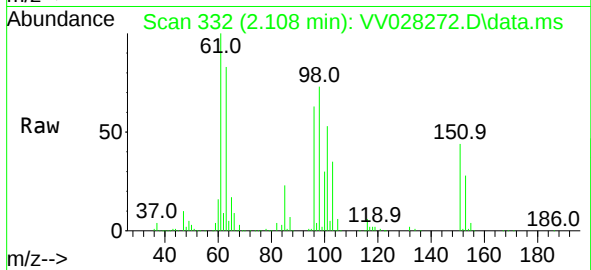




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.568 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV028272.D
 Acq: 03 Oct 2022 11:43

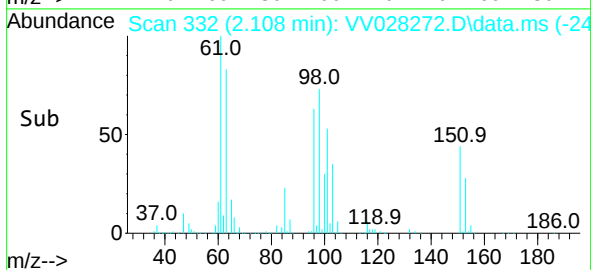
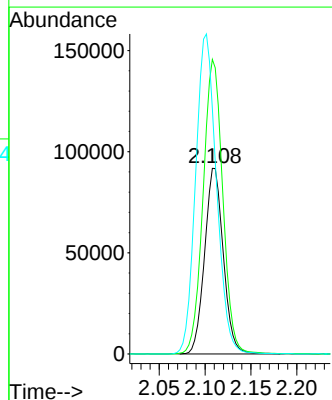
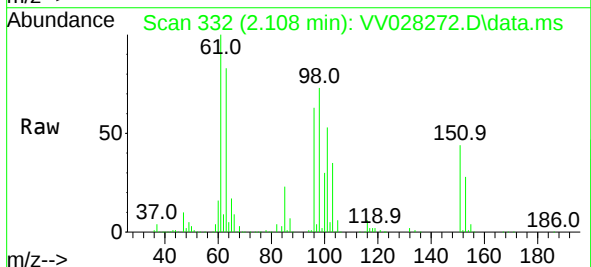
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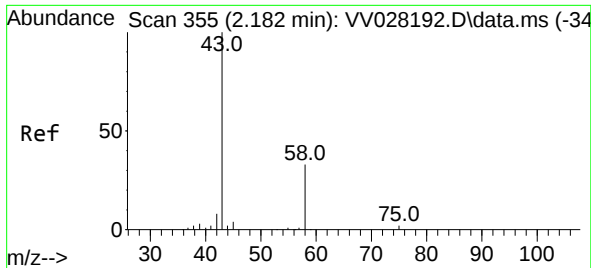
Tgt Ion:101 Resp: 128926
 Ion Ratio Lower Upper
 101 100
 85 42.0 34.4 51.6
 151 82.2 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 10.967 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV028272.D
 Acq: 03 Oct 2022 11:43

Tgt Ion: 96 Resp: 130319
 Ion Ratio Lower Upper
 96 100
 61 158.7 128.3 238.3
 63 132.2 112.7 209.3





#13

Acetone

Concen: 30.917 ug/L

RT: 2.195 min Scan# 359

Delta R.T. 0.019 min

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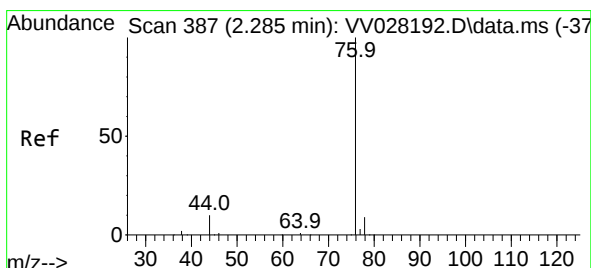
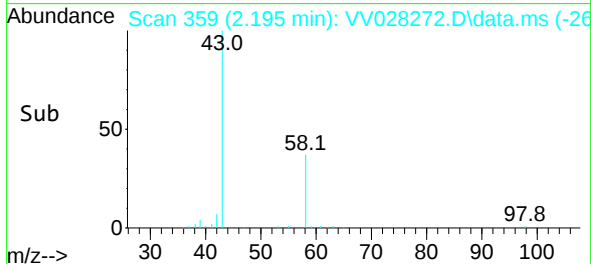
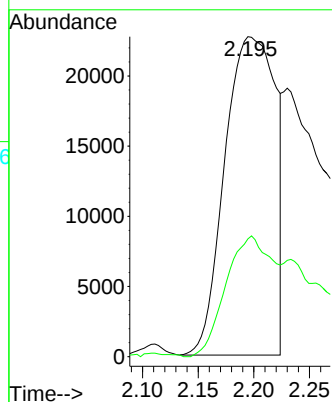
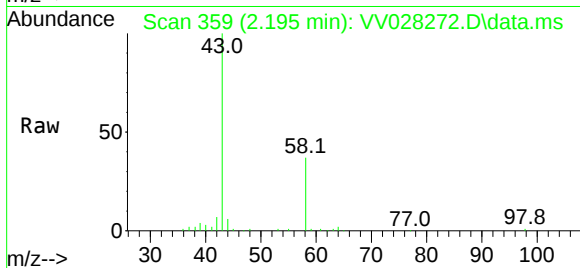
VSTD010255

Tgt Ion: 43 Resp: 71664

Ion Ratio Lower Upper

43 100

58 35.7 0.0 65.6



#14

Carbon disulfide

Concen: 17.598 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV028272.D

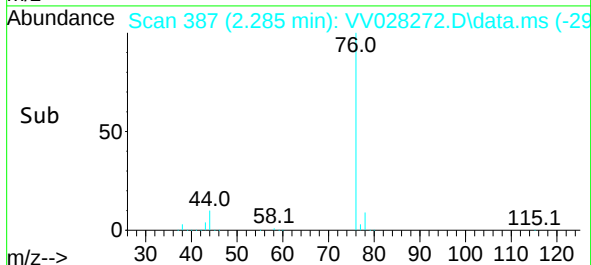
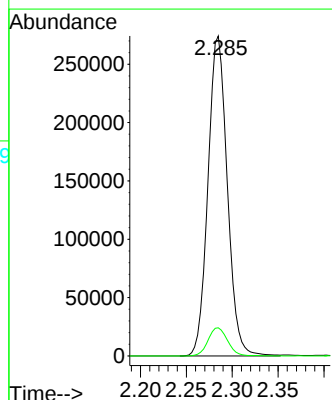
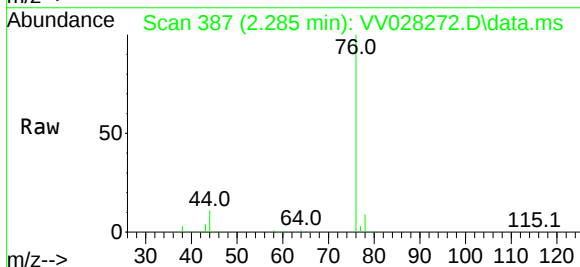
Acq: 03 Oct 2022 11:43

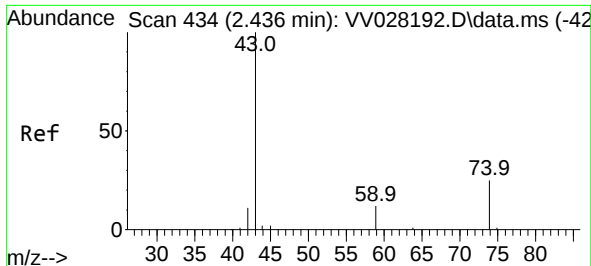
Tgt Ion: 76 Resp: 401268

Ion Ratio Lower Upper

76 100

78 8.8 7.6 11.4

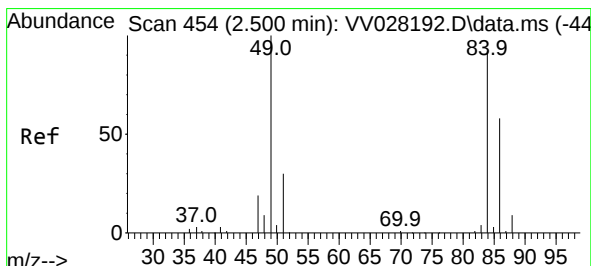
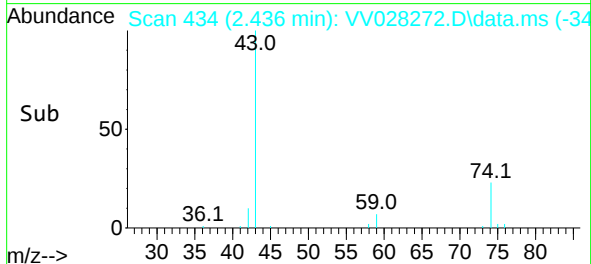
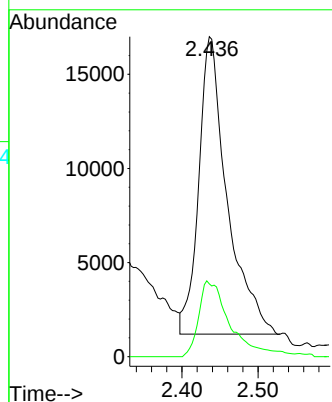
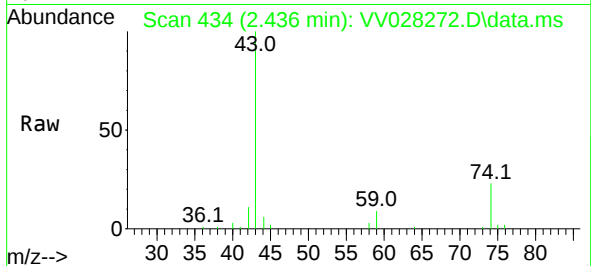




#15
Methyl Acetate
Concen: 9.123 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

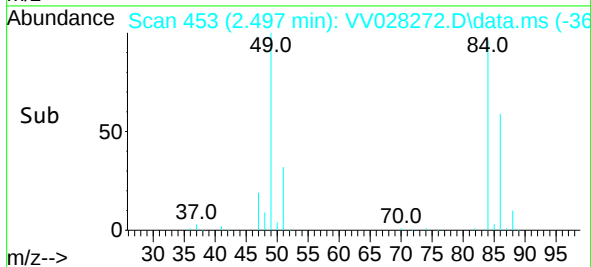
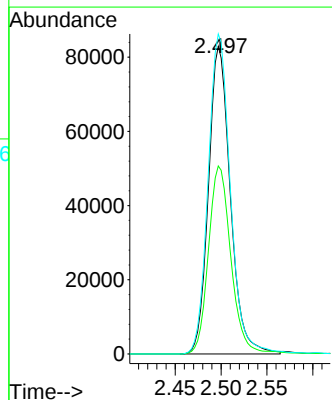
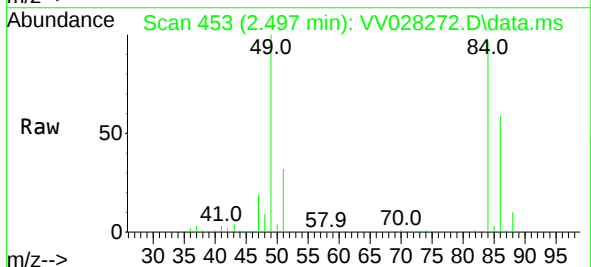
Instrument :
MSVOA_V
ClientSampleId :
VSTD010255

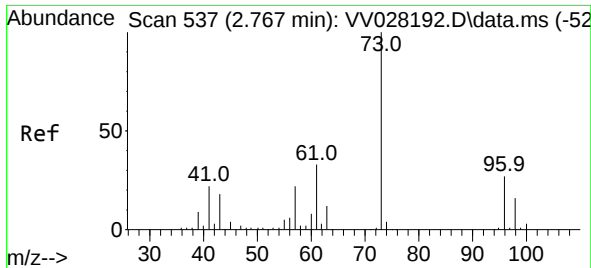
Tgt Ion: 43 Resp: 41049
Ion Ratio Lower Upper
43 100
74 28.3 16.9 25.3#



#16
Methylene chloride
Concen: 10.385 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion: 84 Resp: 137748
Ion Ratio Lower Upper
84 100
86 61.2 46.8 86.8
49 104.1 87.5 162.5

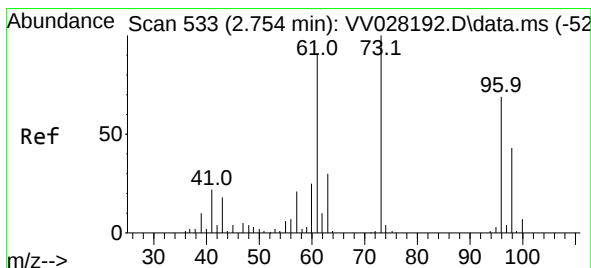
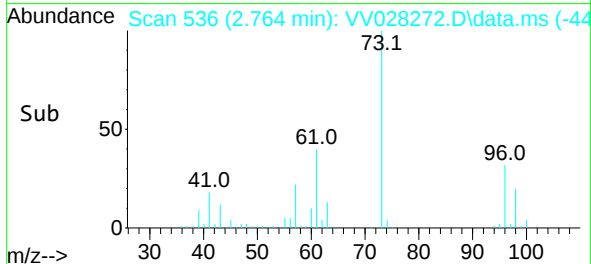
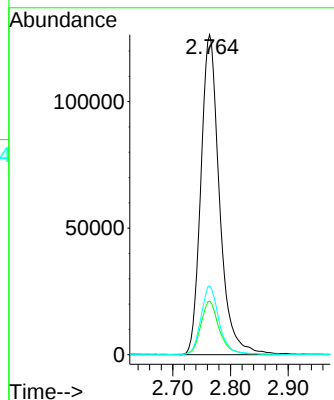
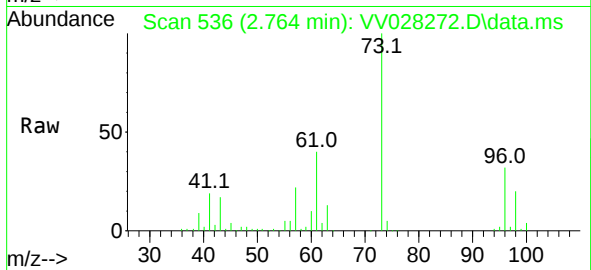




#17
Methyl tert-butyl Ether
Concen: 11.076 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

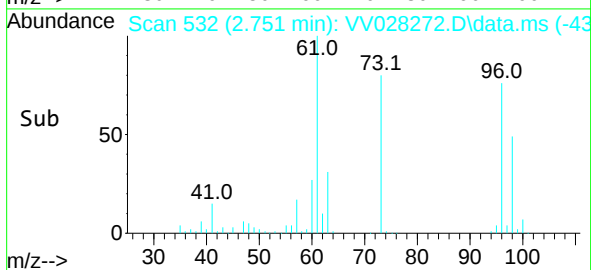
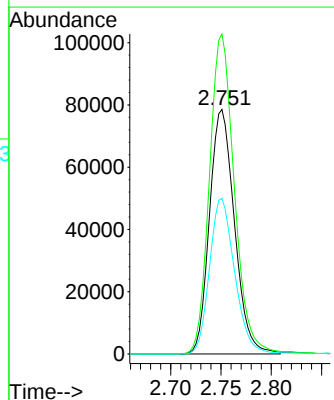
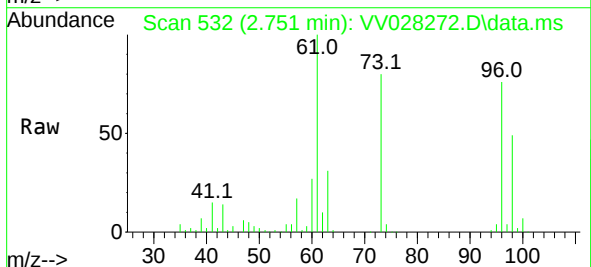
Instrument :
MSVOA_V
ClientSampleId :
VSTD010255

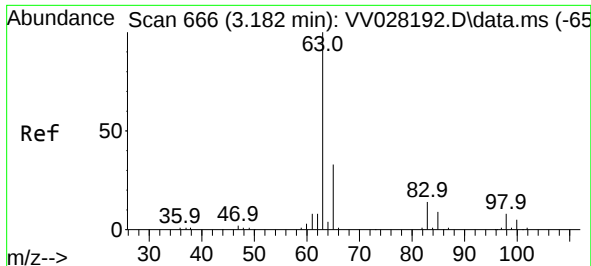
Tgt Ion: 73 Resp: 283120
Ion Ratio Lower Upper
73 100
43 16.3 15.7 23.5
57 21.0 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 13.054 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion: 96 Resp: 135778
Ion Ratio Lower Upper
96 100
61 130.9 96.2 178.6
98 63.7 45.7 84.9





#19

1,1-Dichloroethane

Concen: 10.490 ug/L

RT: 3.179 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028272.D

Acq: 03 Oct 2022 11:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD010255

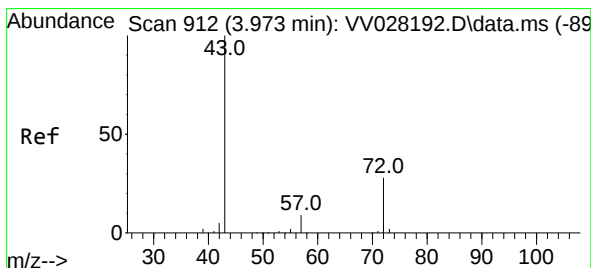
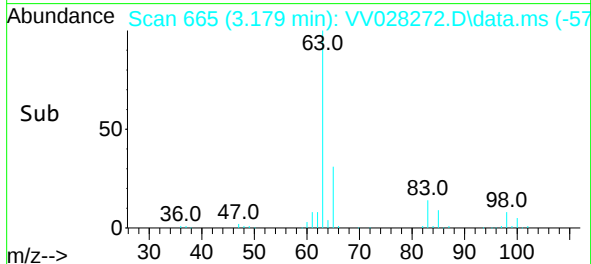
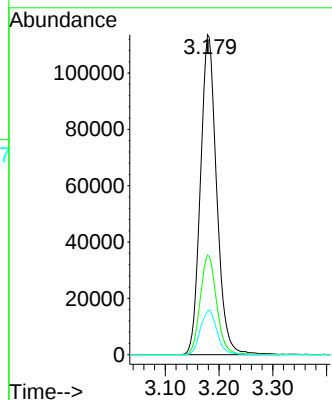
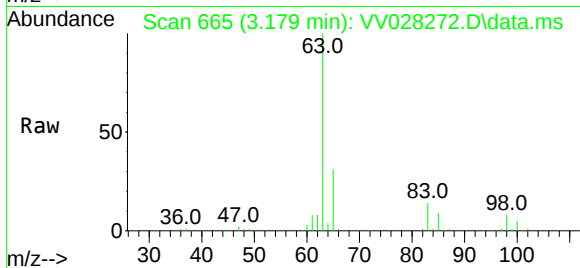
Tgt Ion: 63 Resp: 238021

Ion Ratio Lower Upper

63 100

65 31.1 23.0 42.8

83 13.6 9.2 17.2



#21

2-Butanone

Concen: 88.892 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.013 min

Lab File: VV028272.D

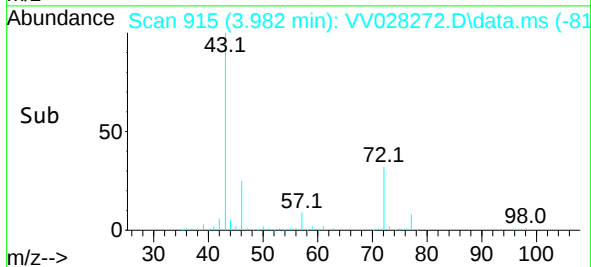
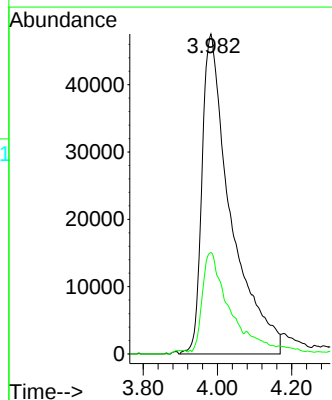
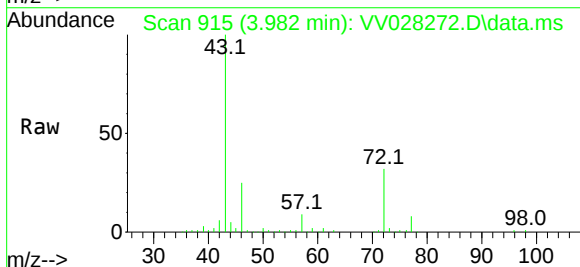
Acq: 03 Oct 2022 11:43

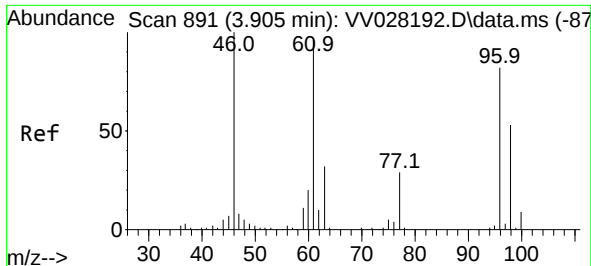
Tgt Ion: 43 Resp: 255095

Ion Ratio Lower Upper

43 100

72 25.3 12.7 38.1



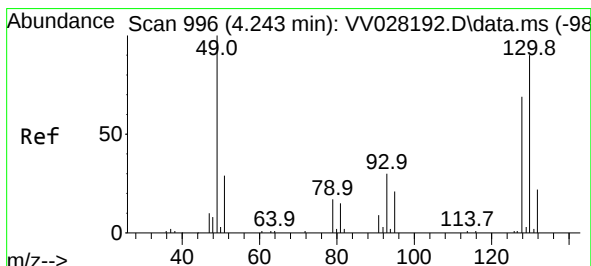
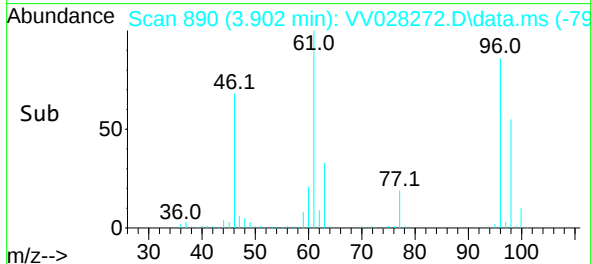
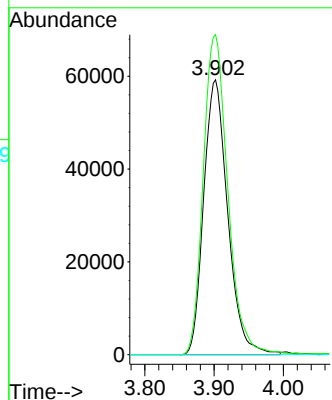
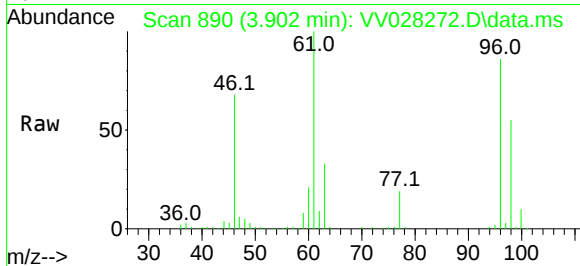


#22
 cis-1,2-Dichloroethene
 Concen: 10.456 ug/L
 RT: 3.902 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV028272.D
 Acq: 03 Oct 2022 11:43

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010255

Tgt Ion: 96 Resp: 142714

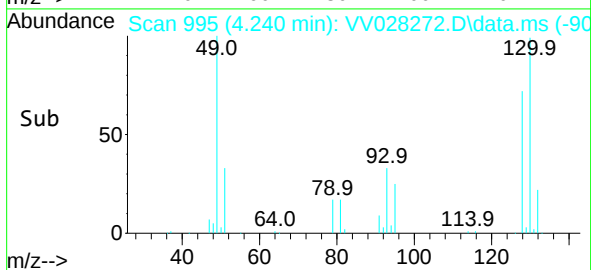
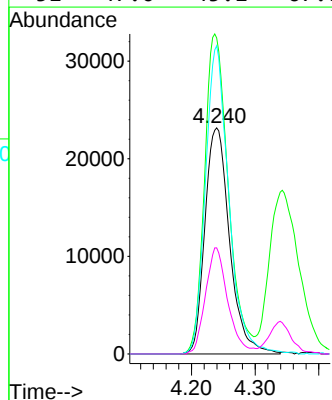
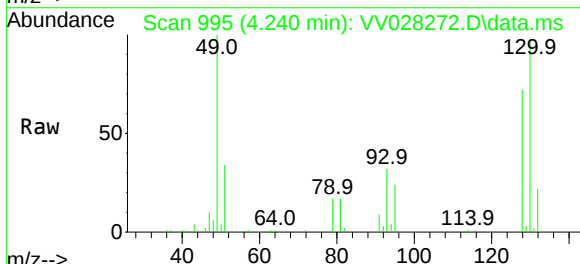
Ion	Ratio	Lower	Upper
96	100		
61	116.4	87.2	161.9
68	0.0	0.0	0.0

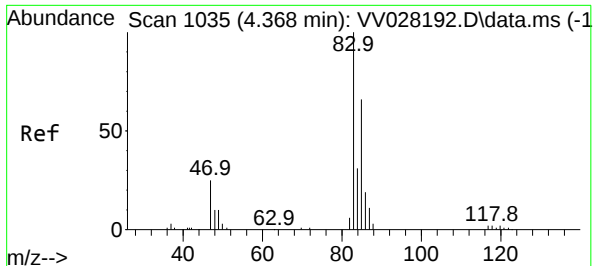


#23
 Bromochloromethane
 Concen: 11.433 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV028272.D
 Acq: 03 Oct 2022 11:43

Tgt Ion: 128 Resp: 62481

Ion	Ratio	Lower	Upper
128	100		
49	139.8	119.9	222.7
130	136.3	94.6	175.8
51	47.0	45.1	67.7





#25

Chloroform

Concen: 10.356 ug/L

RT: 4.365 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028272.D

Acq: 03 Oct 2022 11:43

Instrument :

MSVOA_V

ClientSampleId :

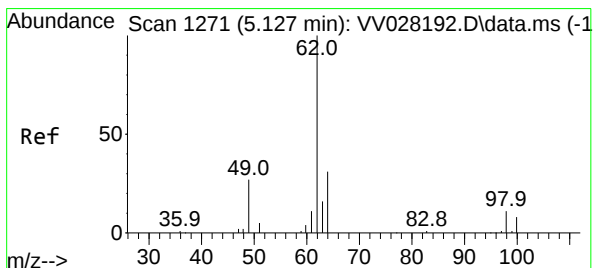
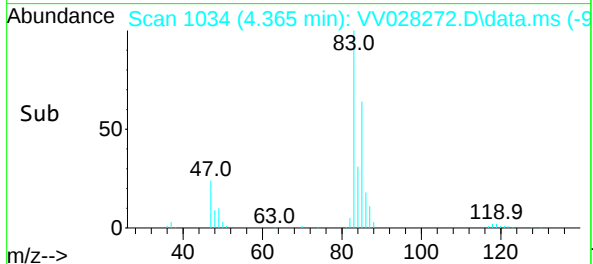
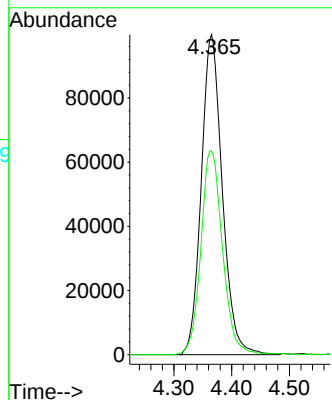
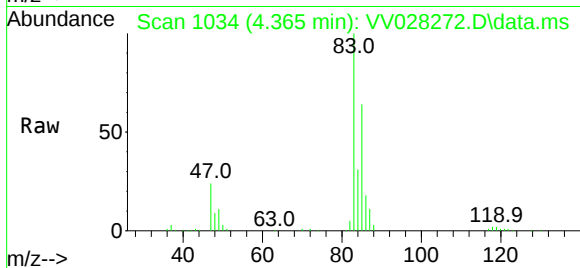
VSTD010255

Tgt Ion: 83 Resp: 252152

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 10.852 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV028272.D

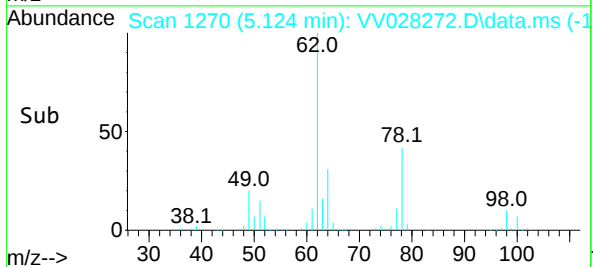
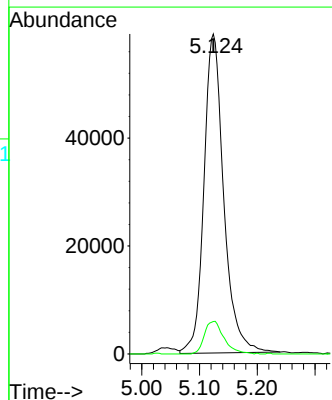
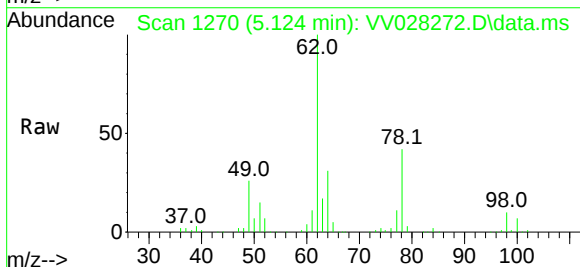
Acq: 03 Oct 2022 11:43

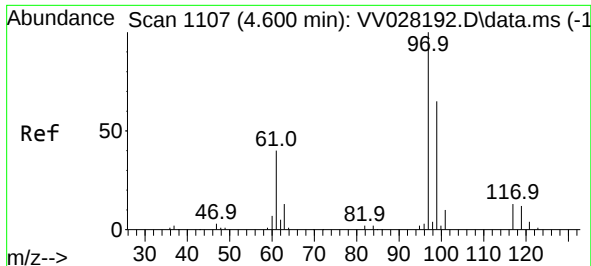
Tgt Ion: 62 Resp: 140898

Ion Ratio Lower Upper

62 100

98 10.2 6.7 10.1#

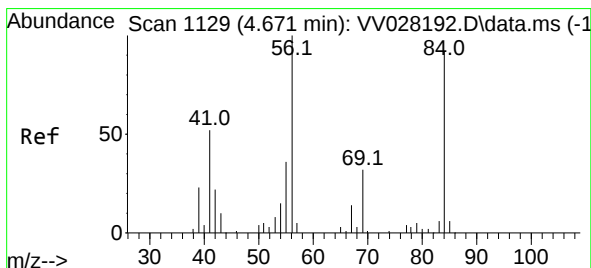
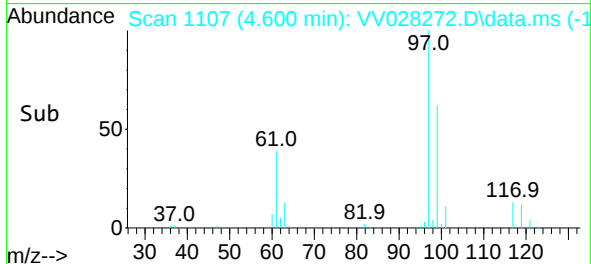
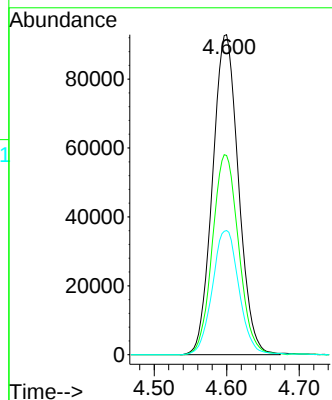
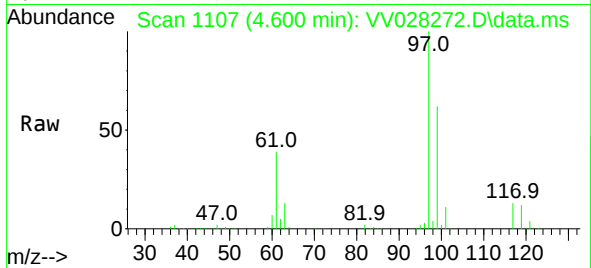




#29
1,1,1-Trichloroethane
Concen: 11.169 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

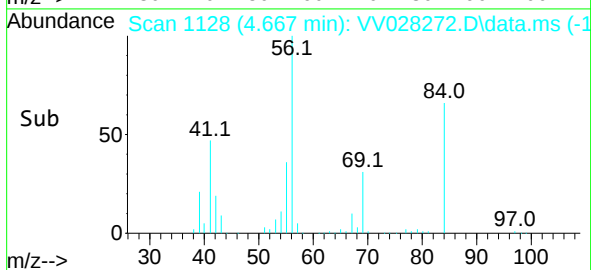
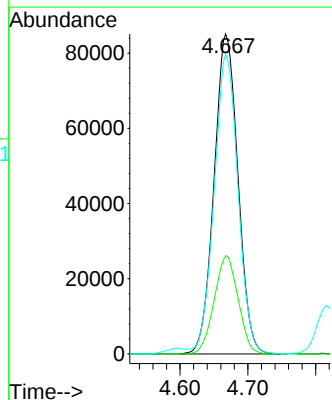
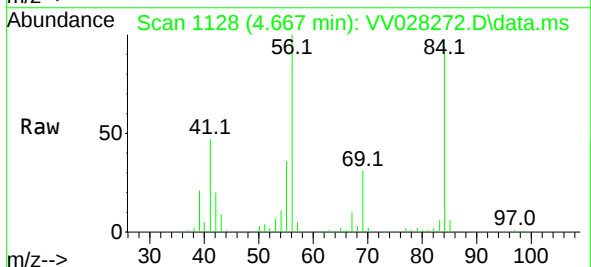
Instrument :
MSVOA_V
ClientSampleId :
VSTD010255

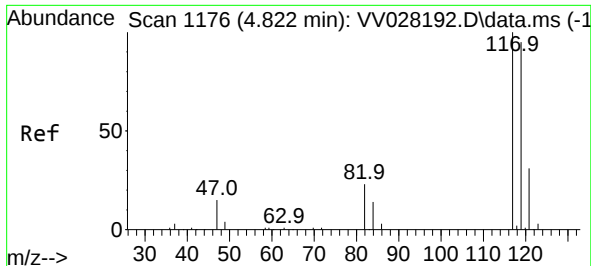
Tgt Ion: 97 Resp: 231106
Ion Ratio Lower Upper
97 100
99 63.2 51.9 77.9
61 39.8 34.8 52.2



#30
Cyclohexane
Concen: 13.894 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion: 56 Resp: 207929
Ion Ratio Lower Upper
56 100
69 30.8 23.7 35.5
84 93.6 67.3 100.9

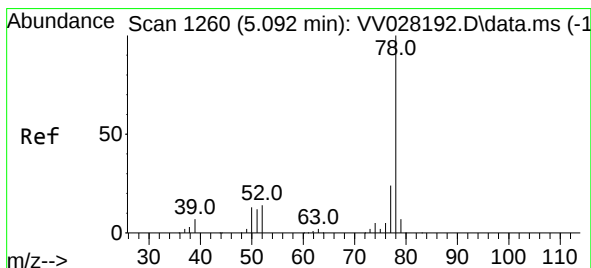
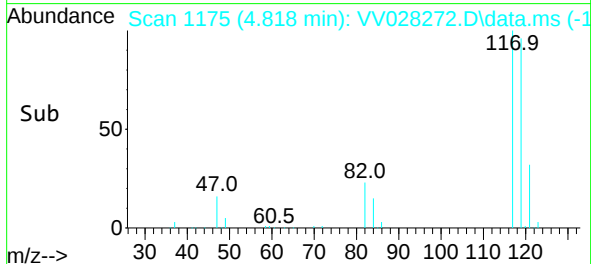
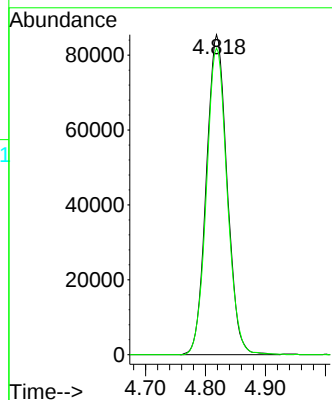
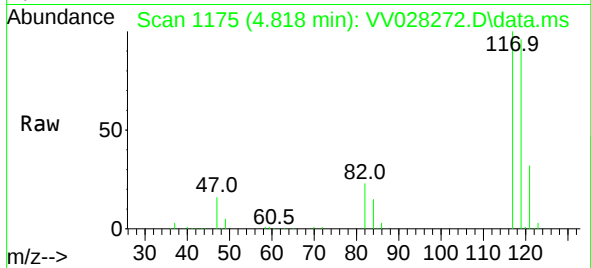




#31
Carbon tetrachloride
Concen: 12.066 ug/L
RT: 4.818 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

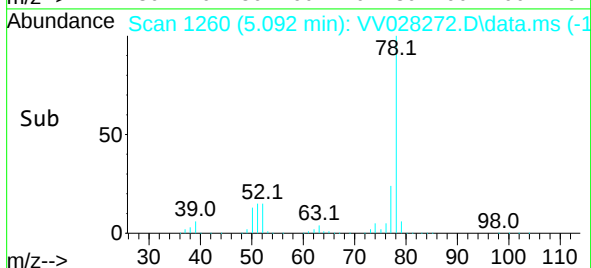
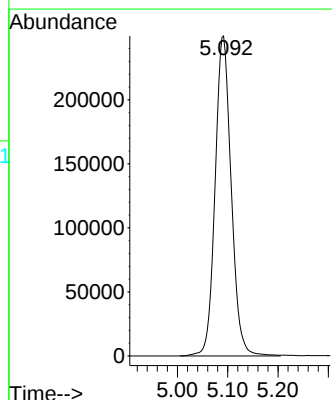
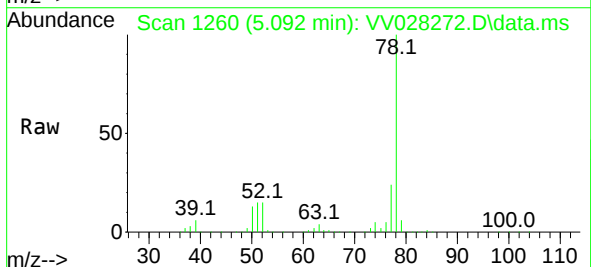
Instrument :
MSVOA_V
ClientSampleId :
VSTD010255

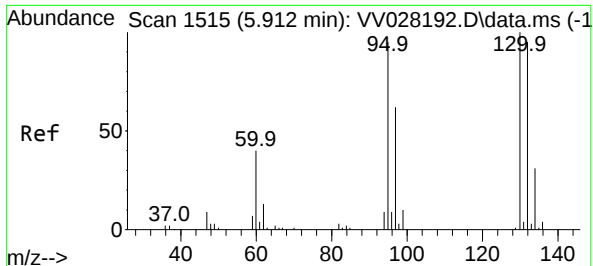
Tgt Ion:117 Resp: 205461
Ion Ratio Lower Upper
117 100
119 95.5 76.9 115.3



#33
Benzene
Concen: 11.887 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion: 78 Resp: 555913

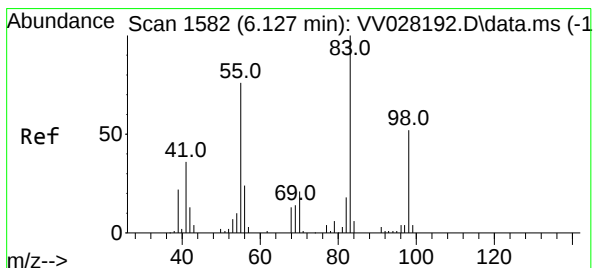
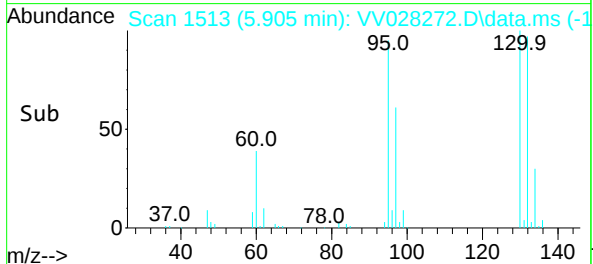
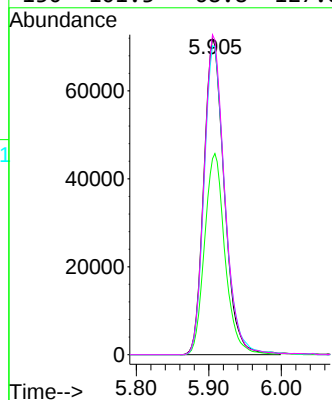
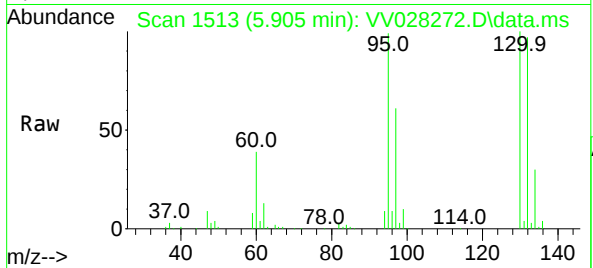




#34
Trichloroethene
Concen: 12.104 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

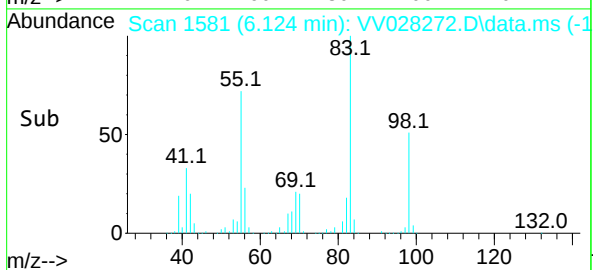
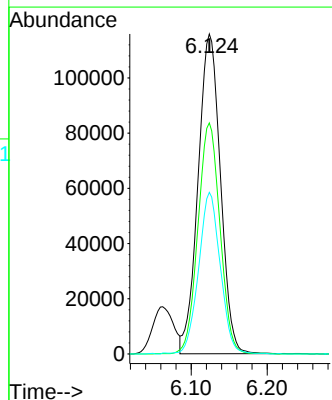
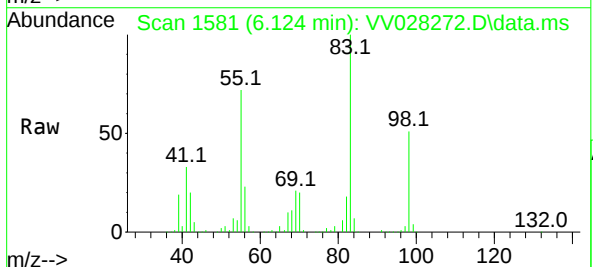
Instrument :
MSVOA_V
ClientSampleId :
VSTD010255

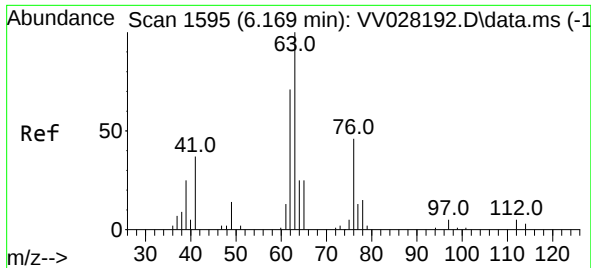
Tgt Ion: 95 Resp: 140904
Ion Ratio Lower Upper
95 100
97 62.1 44.2 82.0
132 97.8 67.8 126.0
130 101.3 68.8 127.8



#35
Methylcyclohexane
Concen: 14.823 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion: 83 Resp: 236644
Ion Ratio Lower Upper
83 100
55 71.1 64.7 97.1
98 48.3 39.5 59.3





#37

1,2-Dichloropropane

Concen: 9.913 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028272.D

Acq: 03 Oct 2022 11:43

Instrument :

MSVOA_V

ClientSampleId :

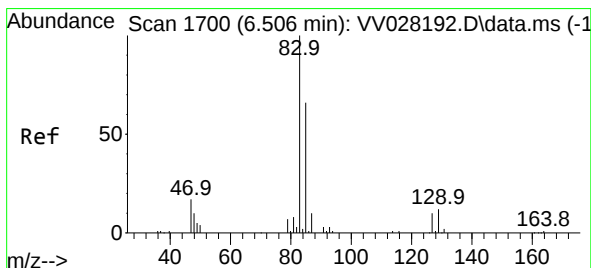
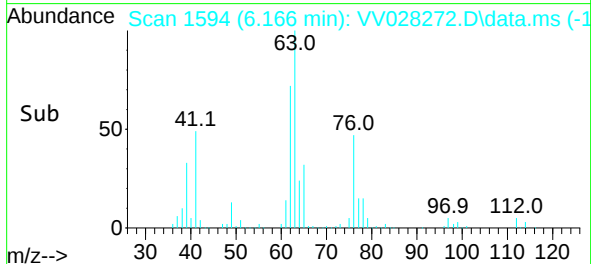
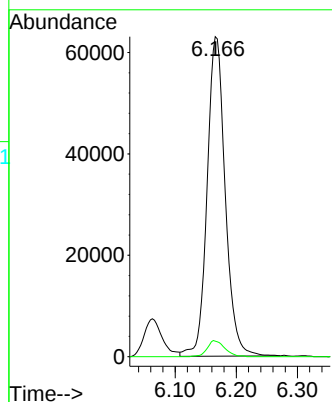
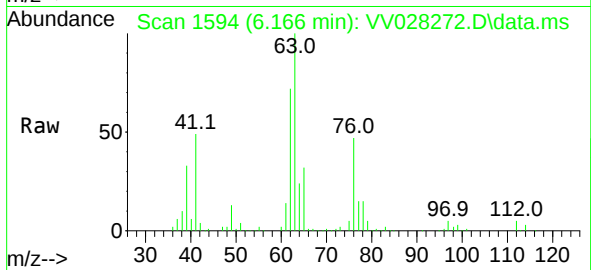
VSTD010255

Tgt Ion: 63 Resp: 129957

Ion Ratio Lower Upper

63 100

112 4.9 3.5 5.3



#38

Bromodichloromethane

Concen: 10.720 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV028272.D

Acq: 03 Oct 2022 11:43

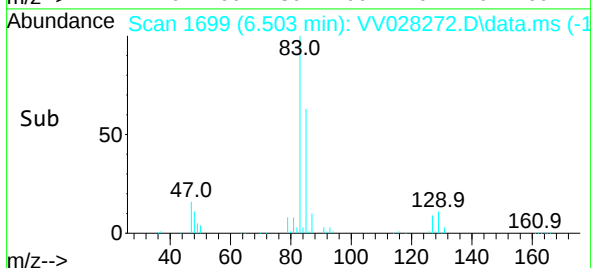
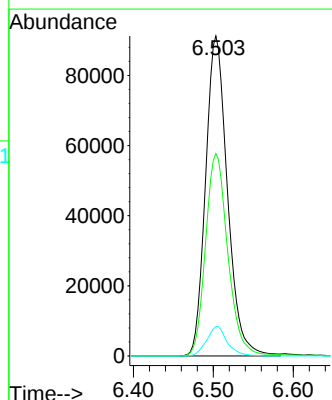
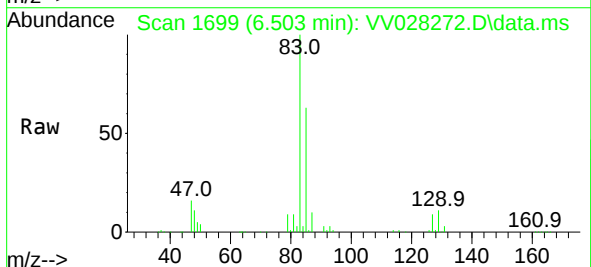
Tgt Ion: 83 Resp: 173511

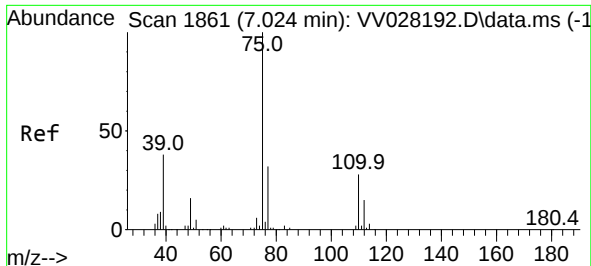
Ion Ratio Lower Upper

83 100

85 63.2 43.8 81.4

127 9.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 11.686 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. -0.003 min

Lab File: VV028272.D

Acq: 03 Oct 2022 11:43

Instrument :

MSVOA_V

ClientSampleId :

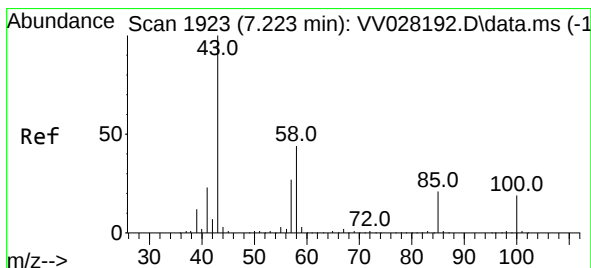
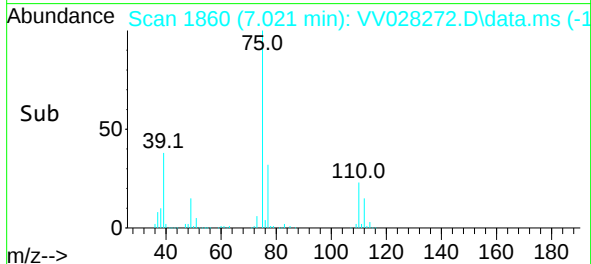
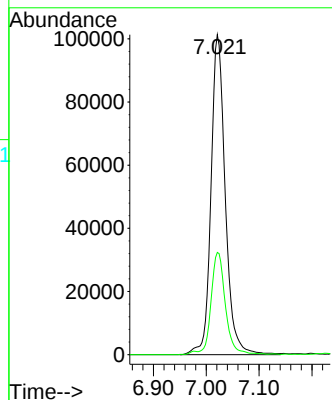
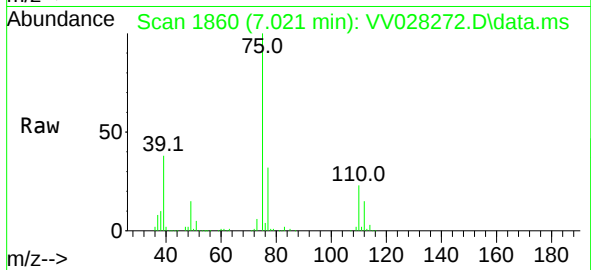
VSTD010255

Tgt Ion: 75 Resp: 190304

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 99.688 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV028272.D

Acq: 03 Oct 2022 11:43

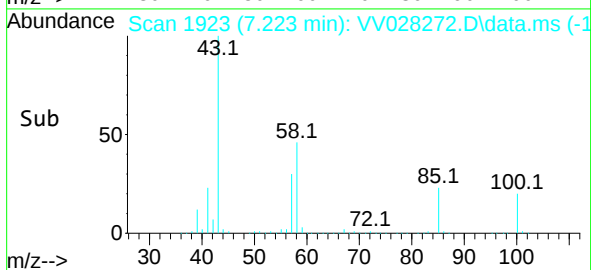
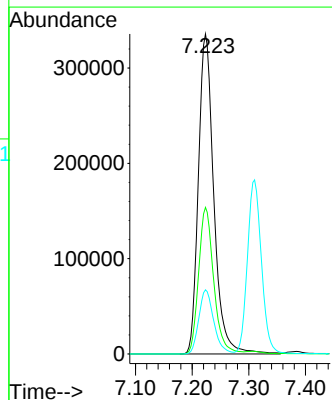
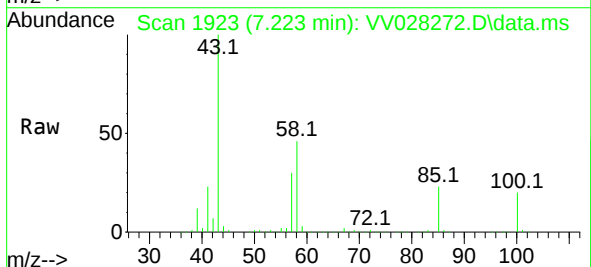
Tgt Ion: 43 Resp: 634654

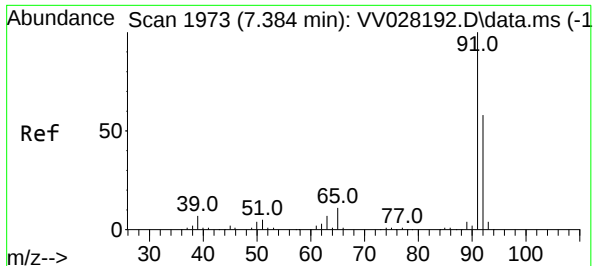
Ion Ratio Lower Upper

43 100

58 44.8 32.2 48.4

100 19.4 12.7 19.1

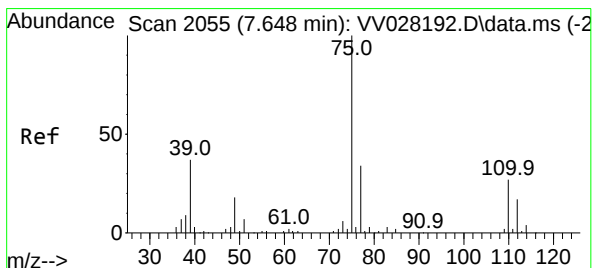
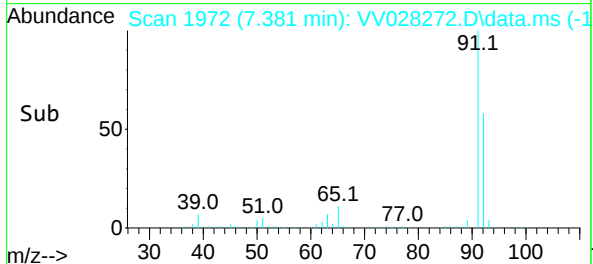
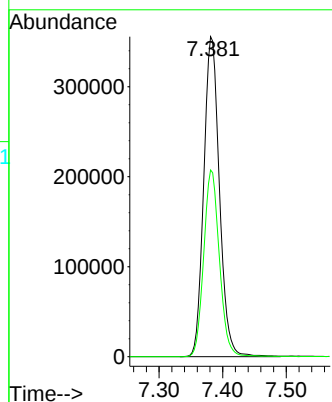
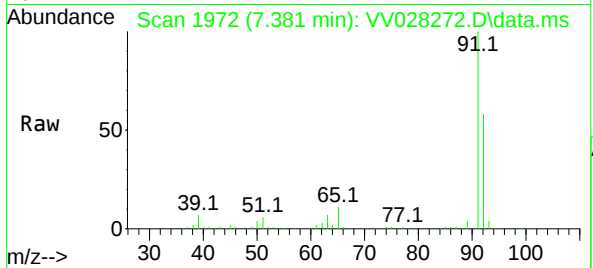




#42
Toluene
Concen: 12.487 ug/L
RT: 7.381 min Scan# 1973
Delta R.T. -0.003 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

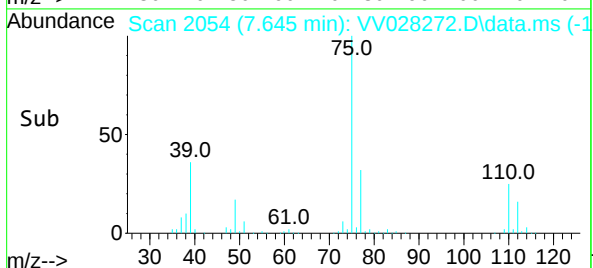
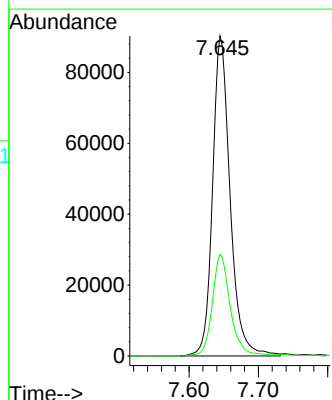
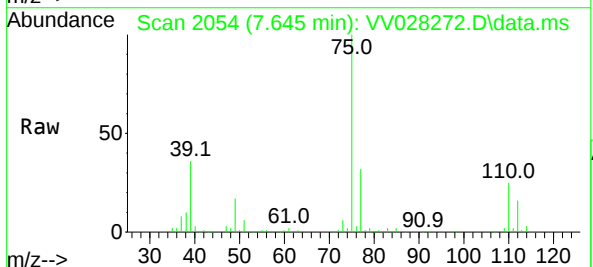
Instrument :
MSVOA_V
ClientSampleId :
VSTD010255

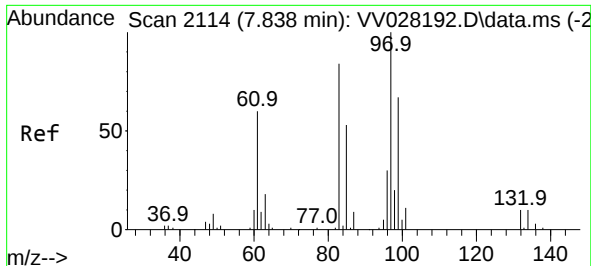
Tgt Ion: 91 Resp: 609135
Ion Ratio Lower Upper
91 100
92 58.4 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 11.321 ug/L
RT: 7.645 min Scan# 2054
Delta R.T. -0.003 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion: 75 Resp: 158570
Ion Ratio Lower Upper
75 100
77 31.7 23.9 44.3



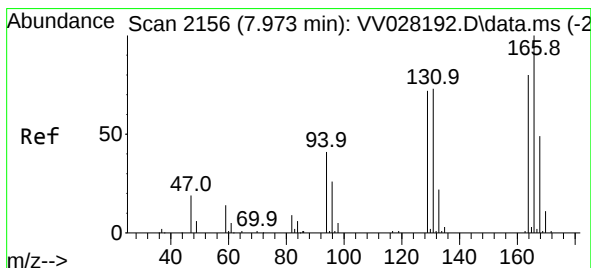
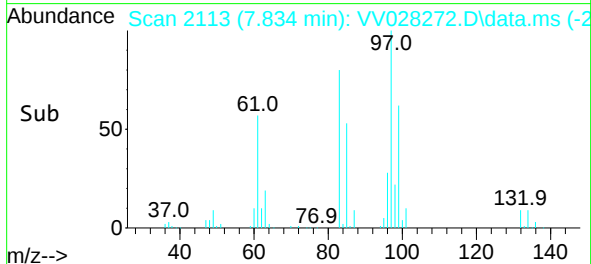
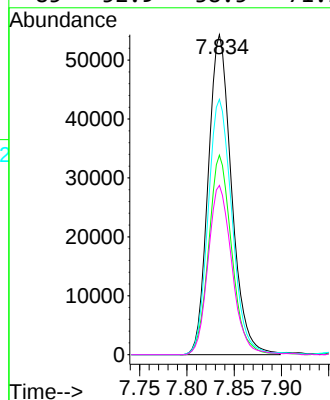
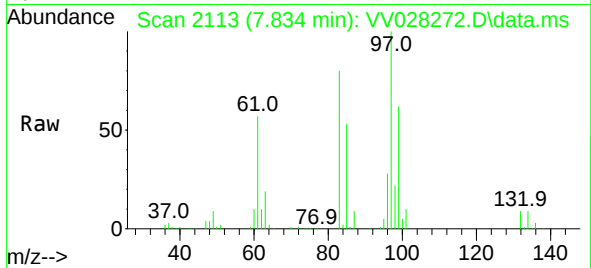


#45
1,1,2-Trichloroethane
Concen: 10.645 ug/L
RT: 7.834 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD010255

Tgt Ion: 97 Resp: 93545

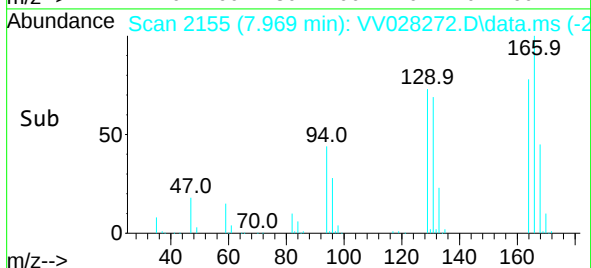
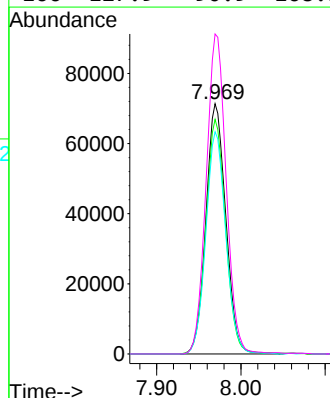
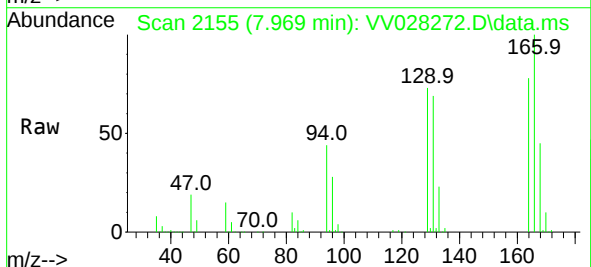
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.2	80.2
83	79.8	59.1	109.9
85	52.9	38.5	71.5

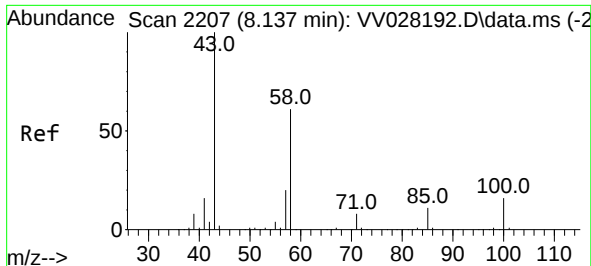


#47
Tetrachloroethene
Concen: 12.637 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion: 164 Resp: 117420

Ion	Ratio	Lower	Upper
164	100		
129	93.7	66.7	123.9
131	88.8	61.7	114.5
166	127.9	90.9	168.9

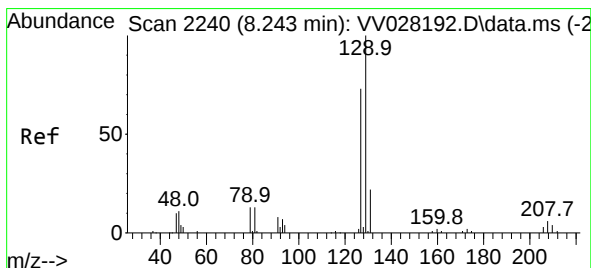
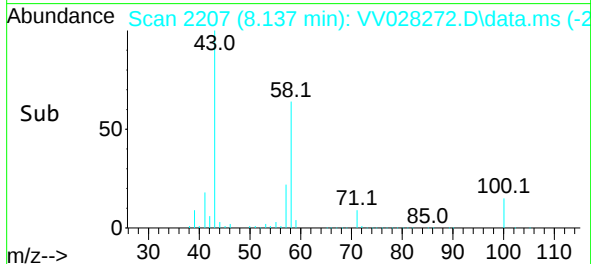
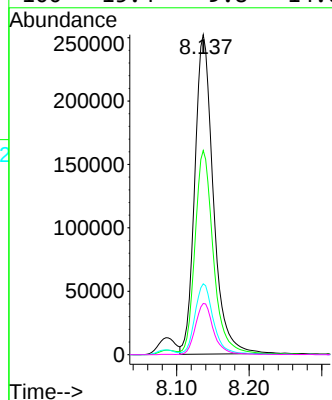
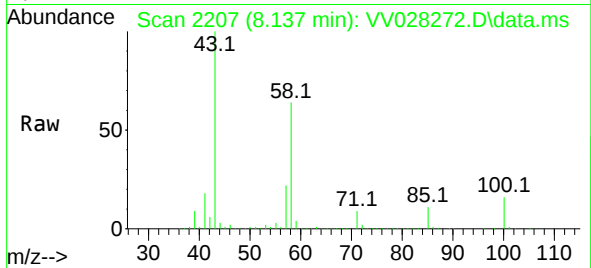




#48
2-Hexanone
Concen: 92.485 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

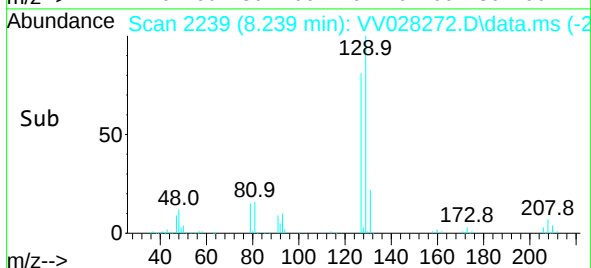
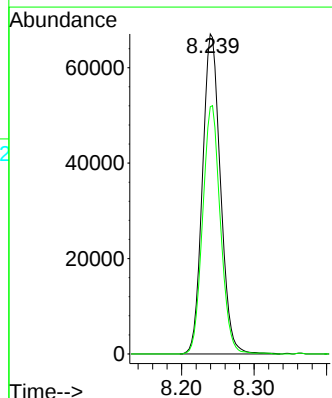
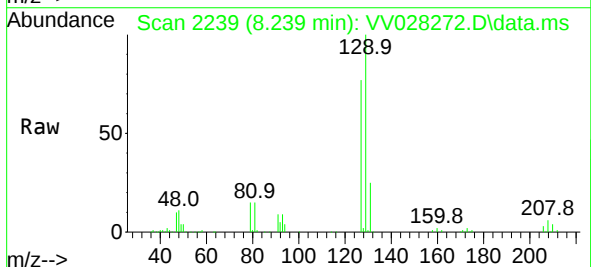
Instrument :
MSVOA_V
ClientSampleId :
VSTD010255

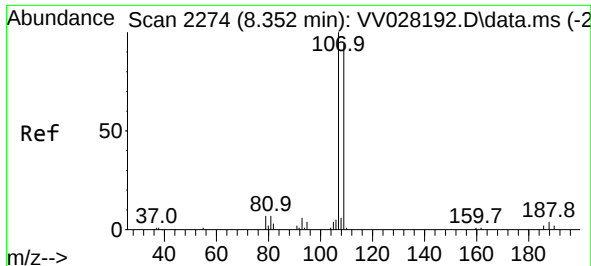
Tgt Ion: 43	Resp: 446984
Ion Ratio	Lower Upper
43 100	
58 63.2	45.7 68.5
57 22.1	15.5 23.3
100 15.4	9.8 14.6#



#49
Dibromochloromethane
Concen: 10.931 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion:129	Resp: 115496
Ion Ratio	Lower Upper
129 100	
127 77.3	54.3 100.9

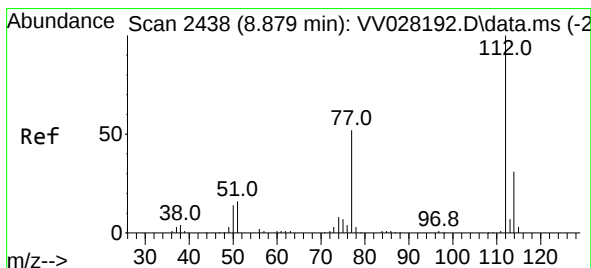
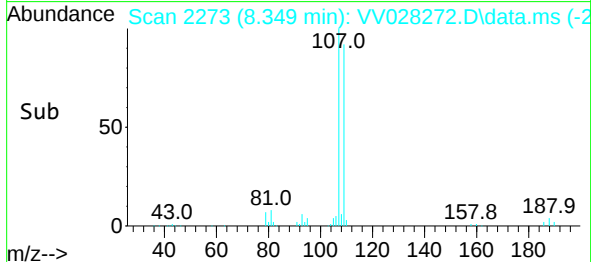
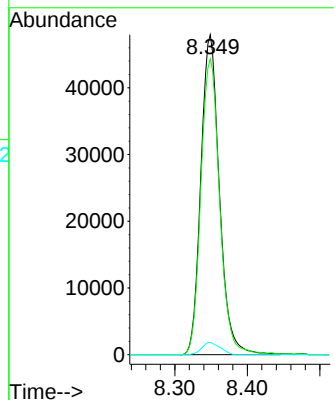
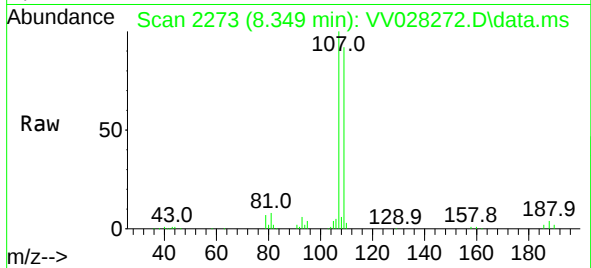




#50
1,2-Dibromoethane
Concen: 11.142 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

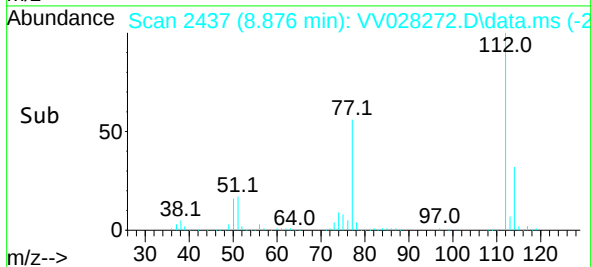
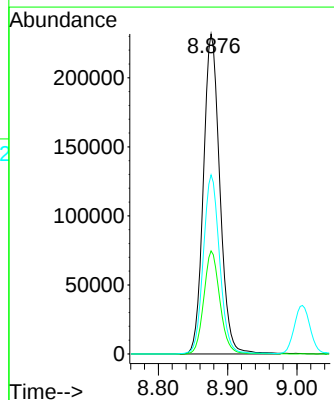
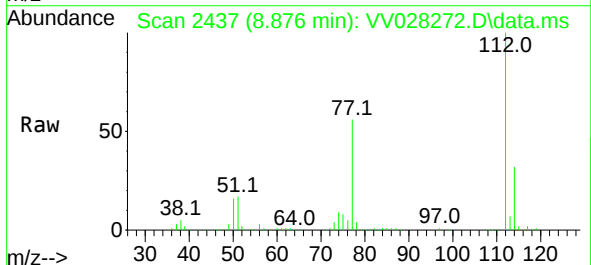
Instrument :
MSVOA_V
ClientSampleId :
VSTD010255

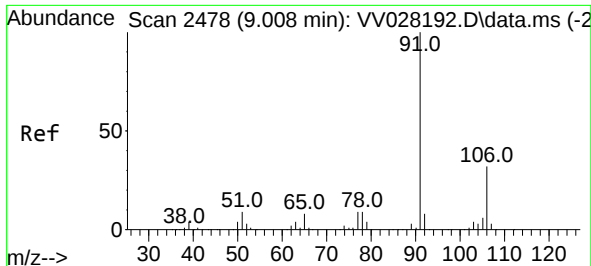
Tgt Ion:	107	Resp:	85096
Ion	Ratio	Lower	Upper
107	100		
109	92.4	65.9	122.5
188	3.9	3.4	5.0



#51
Chlorobenzene
Concen: 11.643 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion:	112	Resp:	380934
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.7
77	56.0	46.1	69.1

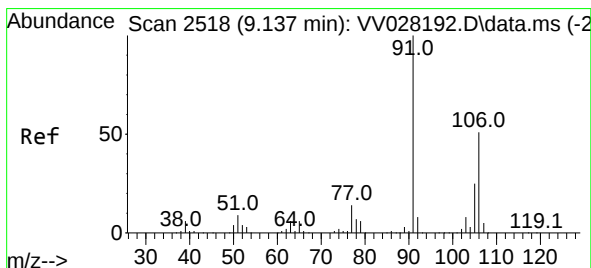
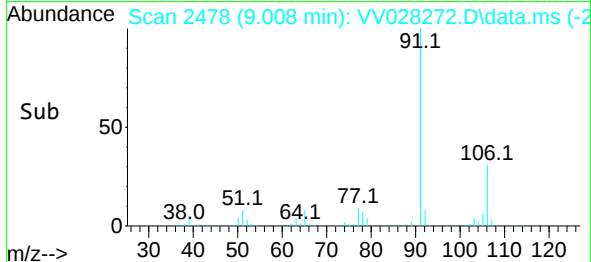
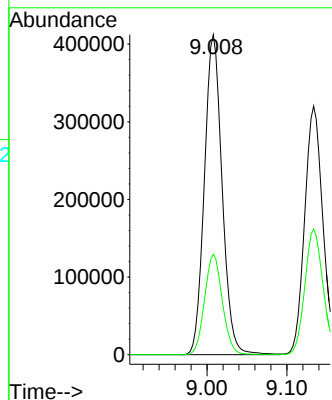
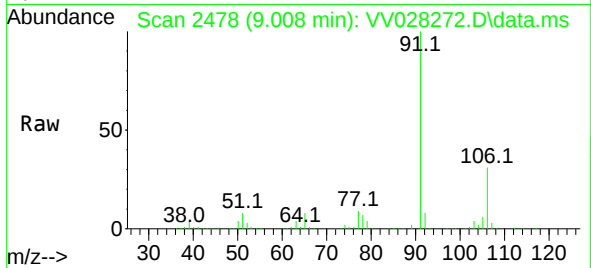




#52
Ethylbenzene
Concen: 12.335 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

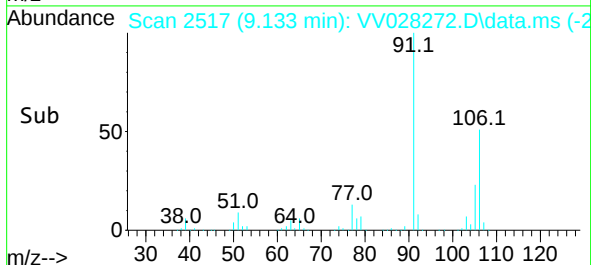
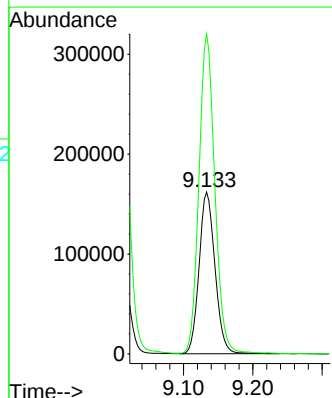
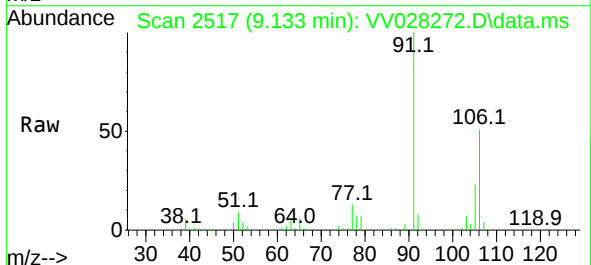
Instrument :
MSVOA_V
ClientSampleId :
VSTD010255

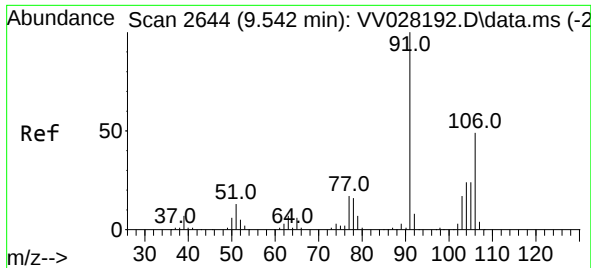
Tgt Ion: 91 Resp: 636589
Ion Ratio Lower Upper
91 100
106 31.4 21.5 39.9



#53
m,p-Xylene
Concen: 13.038 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion: 106 Resp: 257863
Ion Ratio Lower Upper
106 100
91 197.6 141.9 263.5

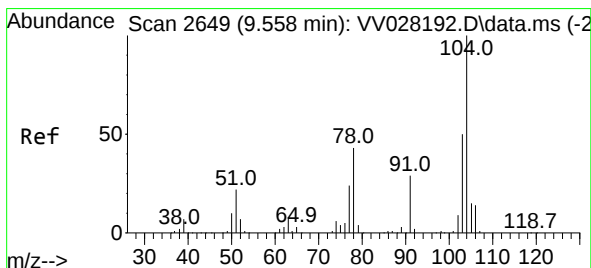
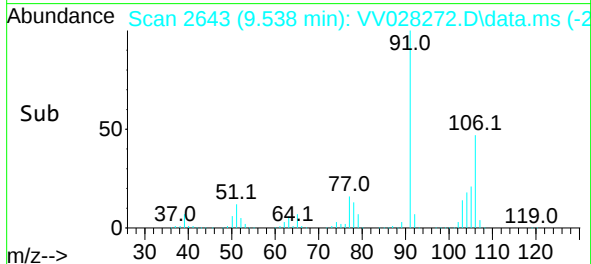
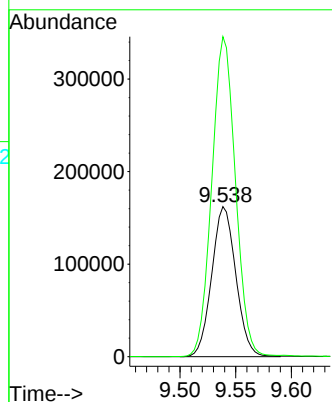
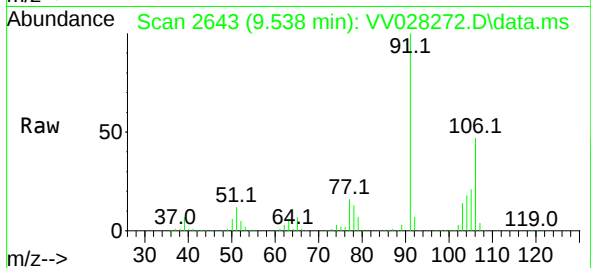




#54
o-Xylene
Concen: 12.490 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

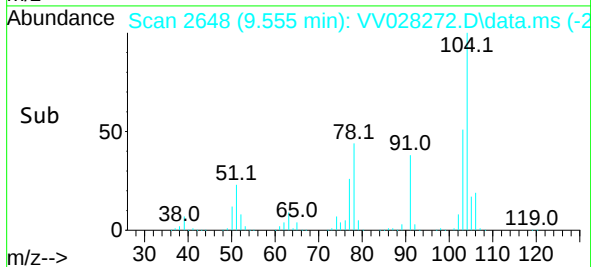
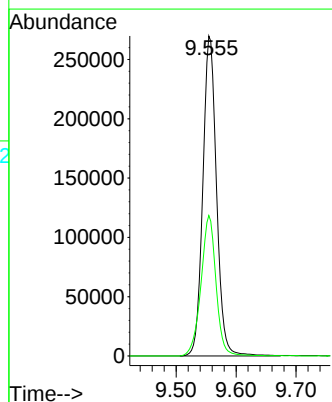
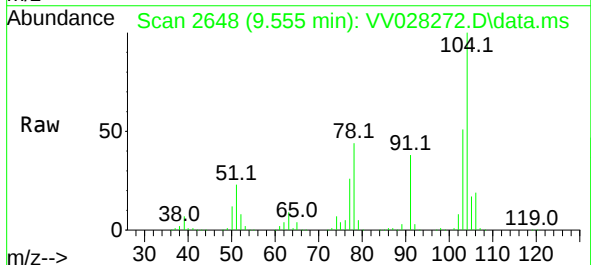
Instrument :
MSVOA_V
ClientSampleId :
VSTD010255

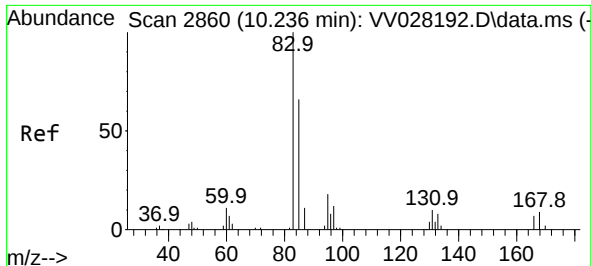
Tgt Ion:106 Resp: 243929
Ion Ratio Lower Upper
106 100
91 213.1 148.1 275.0



#55
Styrene
Concen: 12.723 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. -0.003 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion:104 Resp: 430569
Ion Ratio Lower Upper
104 100
78 43.9 31.0 57.6

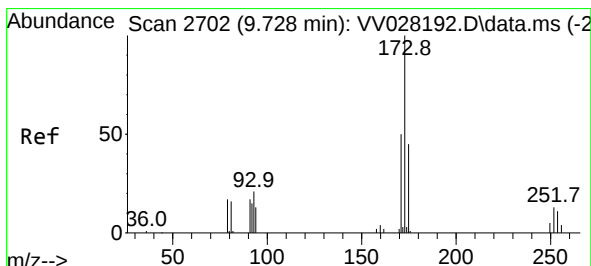
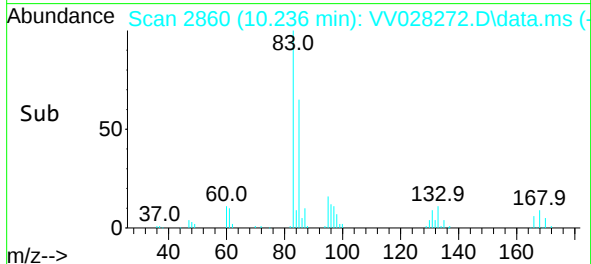
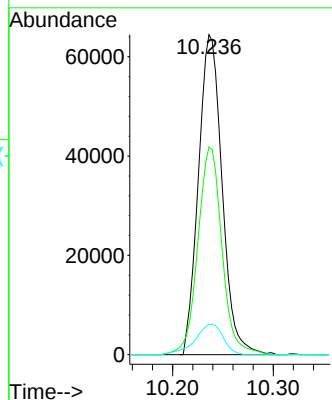
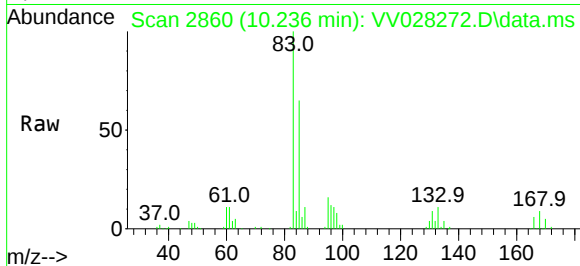




#57
1,1,2,2-Tetrachloroethane
Concen: 10.294 ug/L
RT: 10.236 min Scan# 2860
Delta R.T. -0.003 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

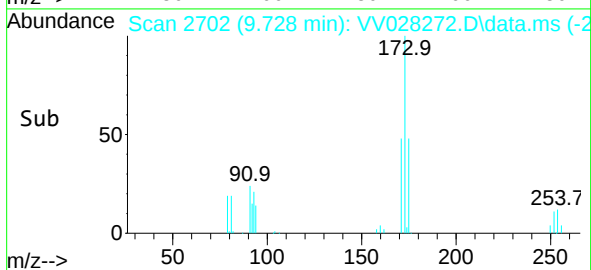
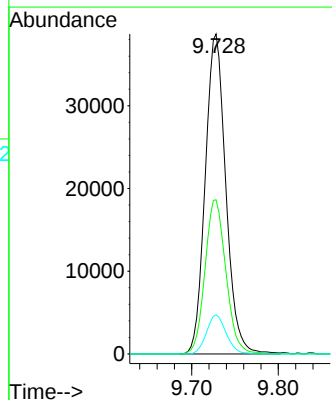
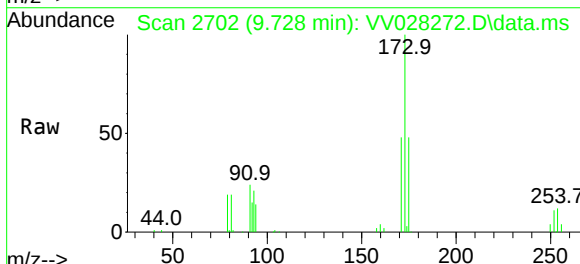
Instrument :
MSVOA_V
ClientSampleId :
VSTD010255

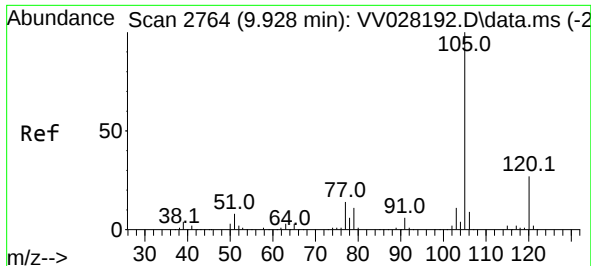
Tgt Ion: 83 Resp: 105403
Ion Ratio Lower Upper
83 100
85 64.9 45.2 84.0
131 9.4 7.8 11.8



#59
Bromoform
Concen: 10.911 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion: 173 Resp: 63879
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.4
254 11.7 8.7 13.1

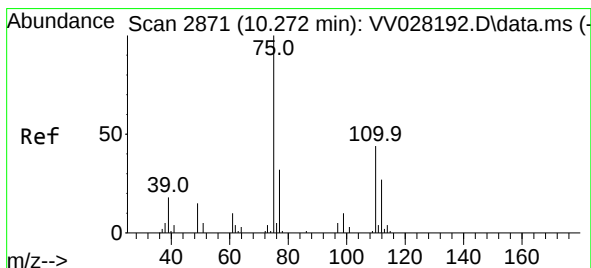
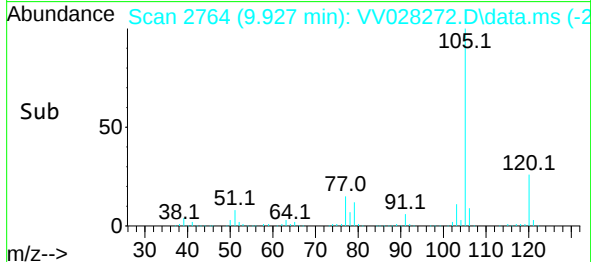
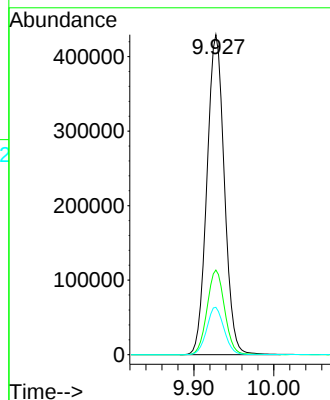
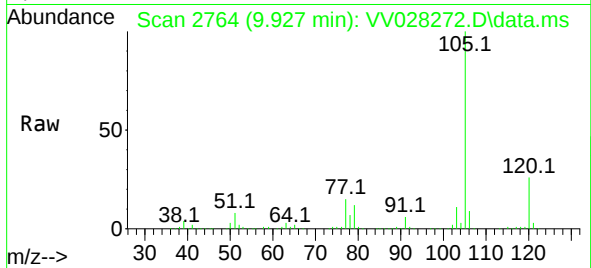




#60
Isopropylbenzene
Concen: 12.027 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

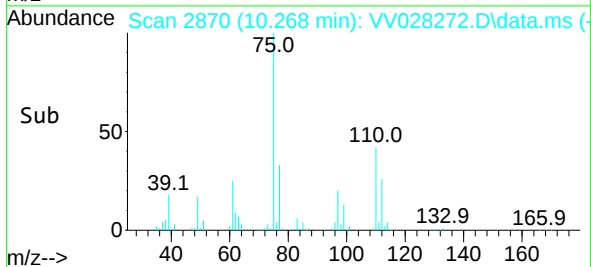
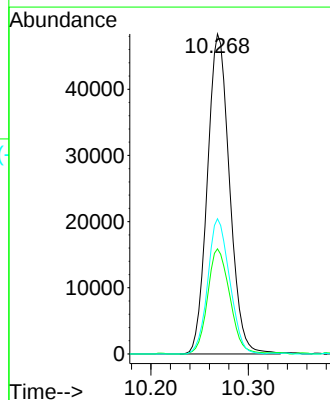
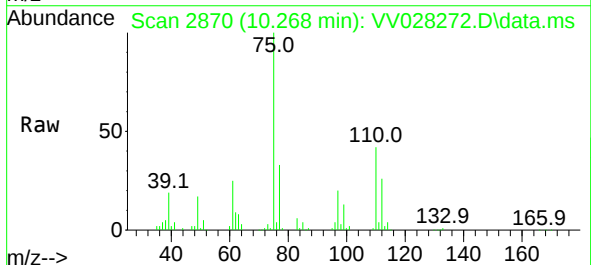
Instrument :
MSVOA_V
ClientSampleId :
VSTD010255

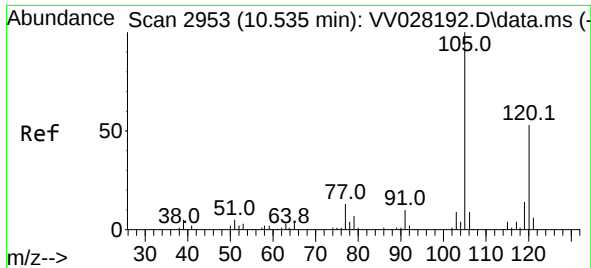
Tgt Ion:105 Resp: 650946
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.0
77 14.8 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 9.872 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion: 75 Resp: 76347
Ion Ratio Lower Upper
75 100
77 33.0 26.7 40.1
110 41.7 30.1 45.1

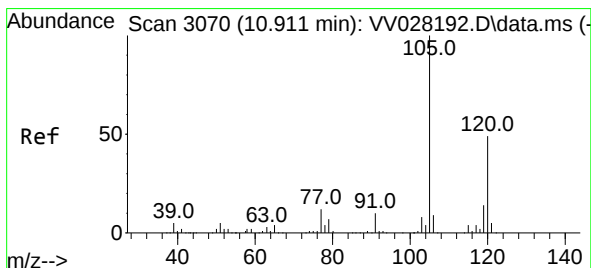
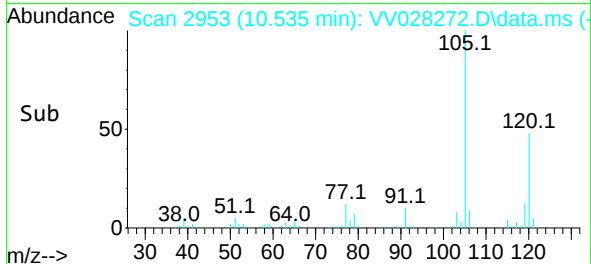
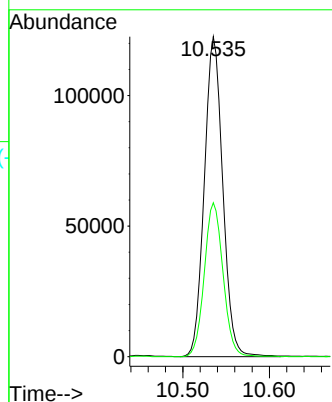
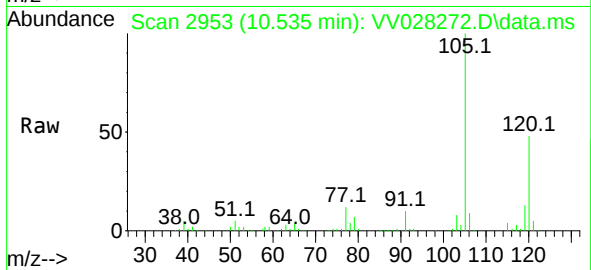




#62
1,3,5-Trimethylbenzene
Concen: 11.915 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

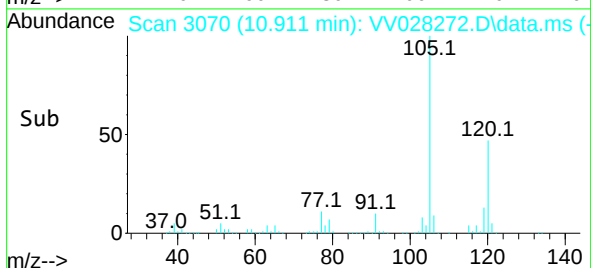
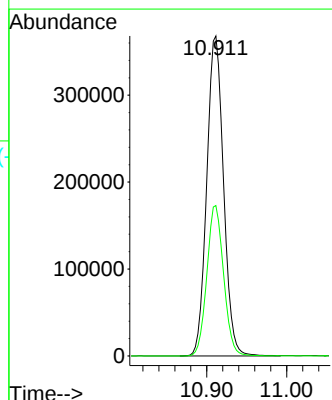
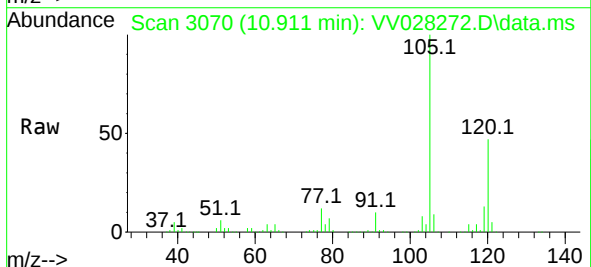
Instrument :
MSVOA_V
ClientSampleId :
VSTD010255

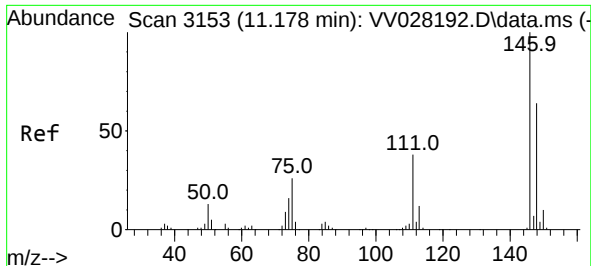
Tgt Ion:105 Resp: 181641
Ion Ratio Lower Upper
105 100
120 48.8 40.6 61.0



#63
1,2,4-Trimethylbenzene
Concen: 12.639 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion:105 Resp: 538610
Ion Ratio Lower Upper
105 100
120 46.9 37.8 56.8

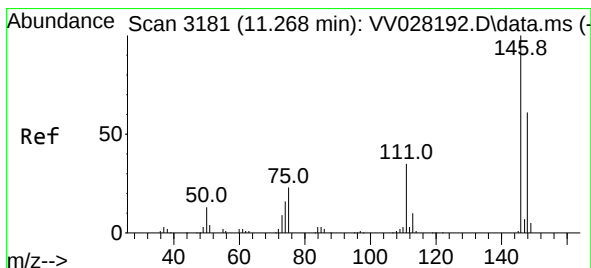
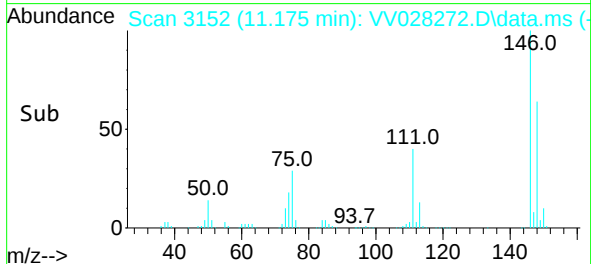
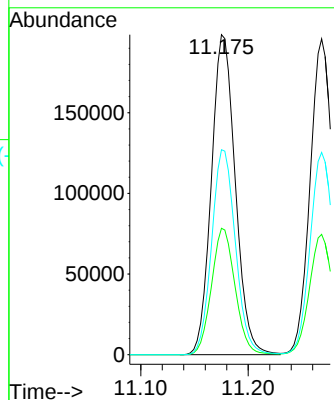
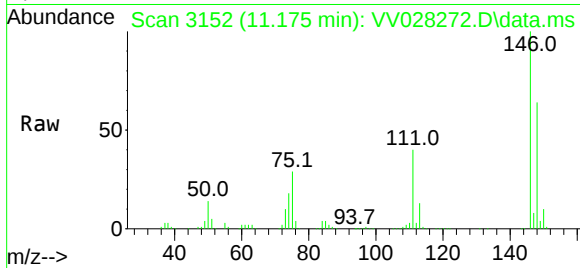




#64
1,3-Dichlorobenzene
Concen: 11.394 ug/L
RT: 11.175 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

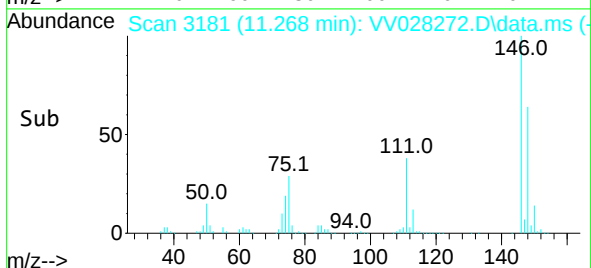
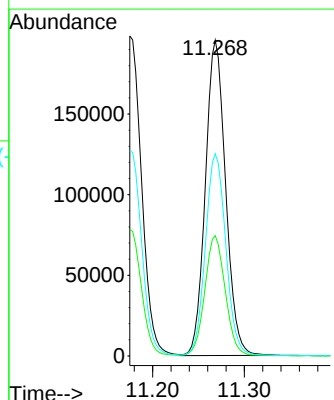
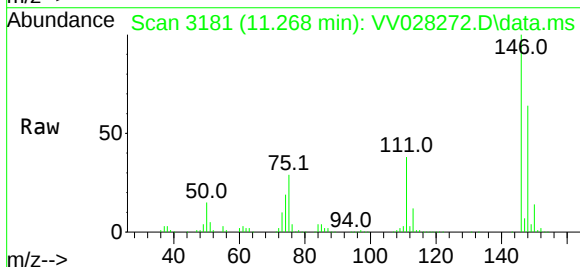
Instrument :
MSVOA_V
ClientSampleId :
VSTD010255

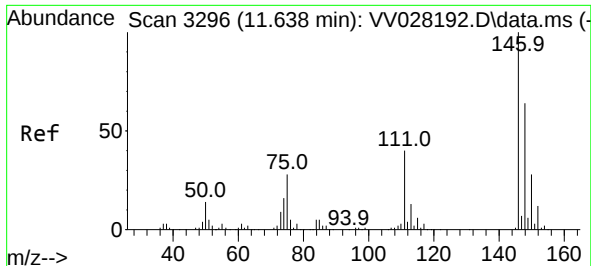
Tgt Ion:146 Resp: 306872
Ion Ratio Lower Upper
146 100
111 39.5 27.1 50.3
148 64.0 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 11.125 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion:146 Resp: 299773
Ion Ratio Lower Upper
146 100
111 38.1 26.2 48.8
148 64.1 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 10.894 ug/L

RT: 11.638 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028272.D

Acq: 03 Oct 2022 11:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD010255

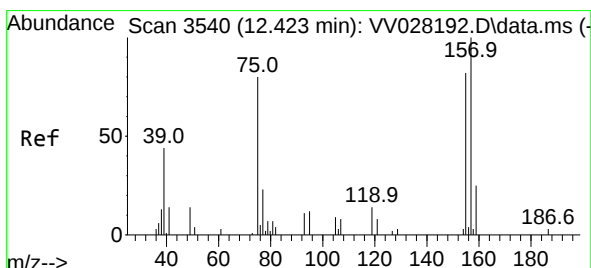
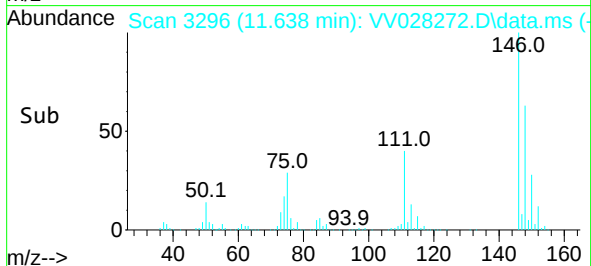
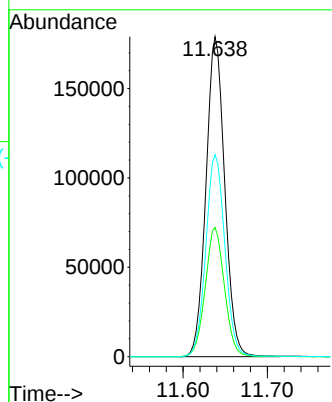
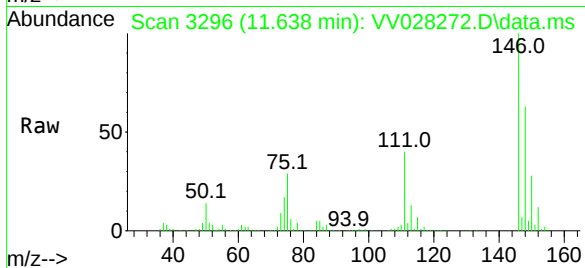
Tgt Ion:146 Resp: 277158

Ion Ratio Lower Upper

146 100

111 40.4 32.6 49.0

148 63.1 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 10.190 ug/L

RT: 12.423 min Scan# 3540

Delta R.T. -0.003 min

Lab File: VV028272.D

Acq: 03 Oct 2022 11:43

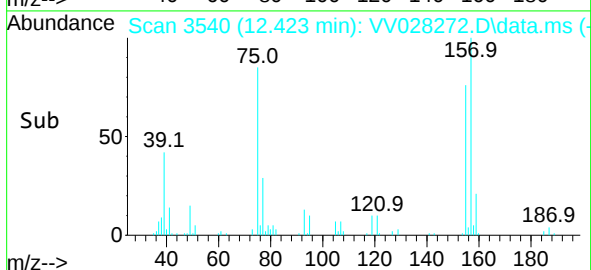
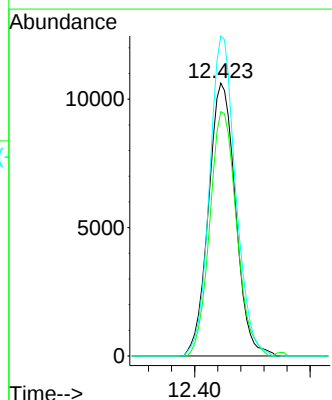
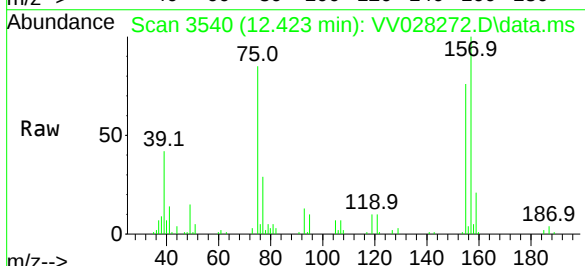
Tgt Ion: 75 Resp: 17274

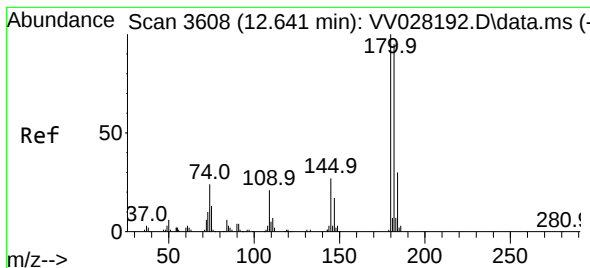
Ion Ratio Lower Upper

75 100

155 89.5 73.6 110.4

157 117.3 90.7 136.1





#69

1,3,5-Trichlorobenzene

Concen: 11.160 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

Lab File: VV028272.D

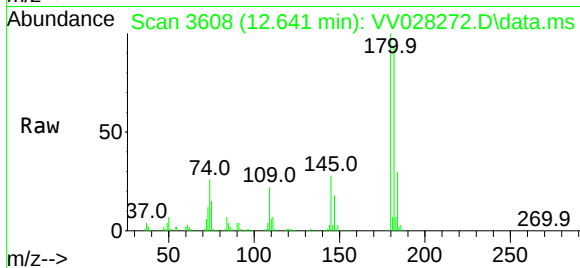
Acq: 03 Oct 2022 11:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD010255



Tgt Ion:180 Resp: 237895

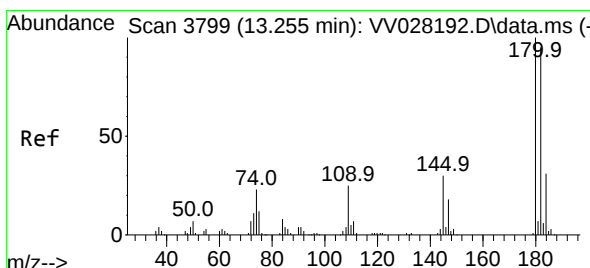
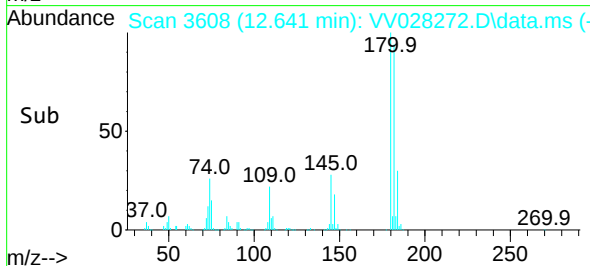
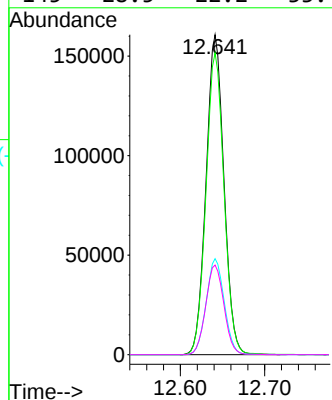
Ion Ratio Lower Upper

180 100

182 94.9 75.5 113.3

184 30.3 23.7 35.5

145 28.5 22.2 33.4



#70

1,2,4-trichlorobenzene

Concen: 11.046 ug/L

RT: 13.255 min Scan# 3799

Delta R.T. -0.003 min

Lab File: VV028272.D

Acq: 03 Oct 2022 11:43

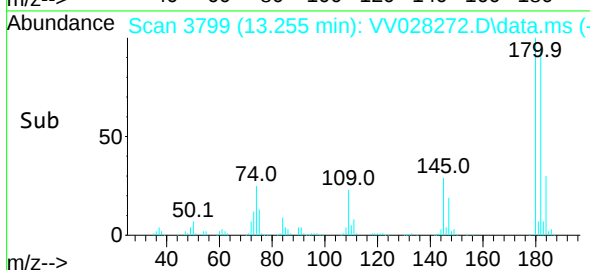
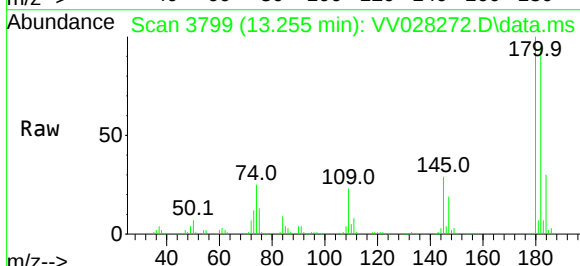
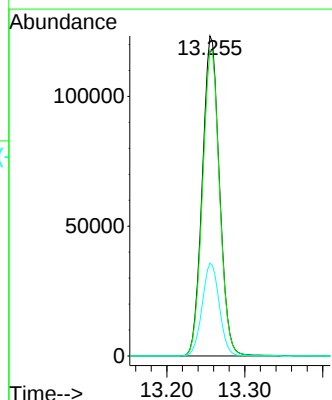
Tgt Ion:180 Resp: 188317

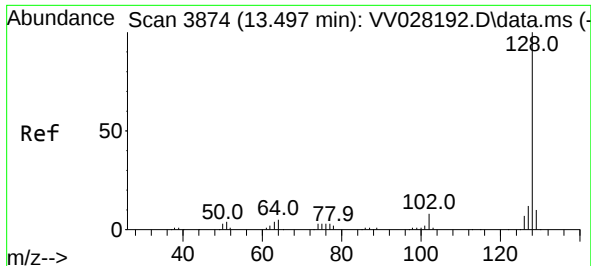
Ion Ratio Lower Upper

180 100

182 95.2 76.3 114.5

145 29.0 22.9 34.3

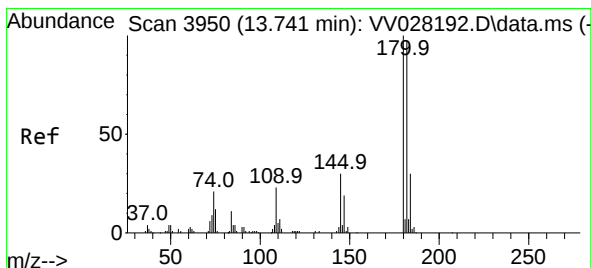
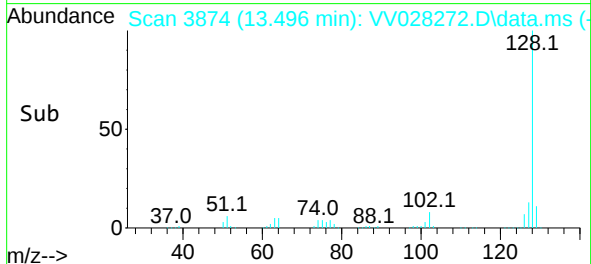
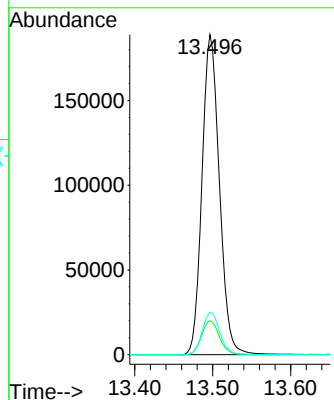
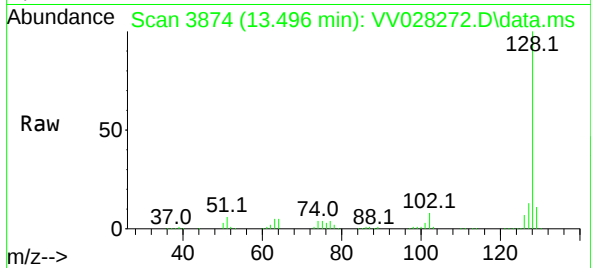




#71
Naphthalene
Concen: 10.493 ug/L
RT: 13.496 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD010255

Tgt Ion:128 Resp: 292946
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.2
127 13.4 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 10.882 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VV028272.D
Acq: 03 Oct 2022 11:43

Tgt Ion:180 Resp: 167798
Ion Ratio Lower Upper
180 100
182 95.3 77.4 116.0
145 31.3 24.6 36.8

