

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
 Data File : VV028874.D
 Acq On : 11 Nov 2022 13:54
 Operator : SY/MD
 Sample : VSTD00178
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001278

Quant Time: Nov 11 21:55:20 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	5.616	114	294687	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	259858	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	133547	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	15885	0.884	ug/L	0.00
7) Chloroethane-d5	1.565	69	14537	0.920	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	30425	0.929	ug/L	0.00
20) 2-Butanone-d5	3.944	46	12231	4.105	ug/L	0.05
24) Chloroform-d	4.349	84	33047	0.896	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	15565	0.938	ug/L	0.00
32) Benzene-d6	5.050	84	70518	0.909	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	19509	0.901	ug/L	0.00
41) Toluene-d8	7.314	98	65331	0.936	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	6009	0.851	ug/L	0.01
46) 2-Hexanone-d5	8.098	63	23759	7.966	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.211	84	13665	0.910	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	22485	0.941	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	22165	0.902	ug/L	98
3) Chloromethane	1.237	50	18725	0.918	ug/L	100
5) Vinyl chloride	1.307	62	21461	0.923	ug/L	97
6) Bromomethane	1.520	94	12696	0.913	ug/L	95
8) Chloroethane	1.584	64	12644	0.925	ug/L	97
9) Trichlorofluoromethane	1.751	101	28406	0.906	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	16397	0.924	ug/L	98
12) 1,1-Dichloroethene	2.118	96	16342	0.916	ug/L	95
13) Acetone	2.188	43	10825	5.595	ug/L	87
14) Carbon disulfide	2.291	76	59056	0.932	ug/L	98
15) Methyl Acetate	2.446	43	3732	0.795	ug/L	94
16) Methylene chloride	2.503	84	29870	1.295	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	35634	0.932	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	19560	0.945	ug/L	94
19) 1,1-Dichloroethane	3.188	63	31510	0.932	ug/L	94
21) 2-Butanone	4.018	43	15730	5.366	ug/L	85
22) cis-1,2-Dichloroethene	3.912	96	19112	0.909	ug/L	96
23) Bromochloromethane	4.246	128	8374	0.941	ug/L	97
25) Chloroform	4.378	83	34087	0.961	ug/L	99
27) 1,2-Dichloroethane	5.137	62	16633	0.911	ug/L	94
29) 1,1,1-Trichloroethane	4.606	97	28535	0.936	ug/L	97
30) Cyclohexane	4.677	56	28072	0.906	ug/L	99
31) Carbon tetrachloride	4.825	117	23416	0.892	ug/L	99
33) Benzene	5.101	78	72332	0.911	ug/L	100
34) Trichloroethene	5.915	95	18998	0.935	ug/L	99
35) Methylcyclohexane	6.130	83	31942	0.894	ug/L	99
37) 1,2-Dichloropropane	6.175	63	16787	0.917	ug/L	97
38) Bromodichloromethane	6.510	83	21772	0.939	ug/L	94
39) cis-1,3-Dichloropropene	7.031	75	22353	0.874	ug/L	93
40) 4-Methyl-2-pentanone	7.230	43	67047	8.526	ug/L	95
42) Toluene	7.387	91	78684	0.917	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	16948	0.854	ug/L	97

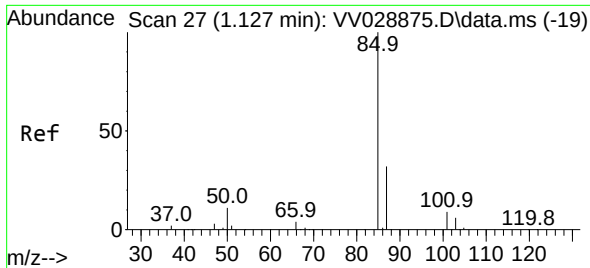
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	11189	0.933	ug/L	96
47) Tetrachloroethene	7.973	164	15197	0.934	ug/L	96
48) 2-Hexanone	8.146	43	42695	7.789	ug/L	98
49) Dibromochloromethane	8.243	129	13034	0.899	ug/L	94
50) 1,2-Dibromoethane	8.352	107	10492	0.942	ug/L	92
51) Chlorobenzene	8.879	112	49043	0.925	ug/L	98
52) Ethylbenzene	9.008	91	80866	0.905	ug/L	99
53) m,p-Xylene	9.137	106	31405	0.884	ug/L	100
54) o-Xylene	9.539	106	29583	0.876	ug/L	99
55) Styrene	9.561	104	49382	0.872	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.236	83	12701	0.909	ug/L	100
59) Bromoform	9.728	173	6736	0.925	ug/L	97
60) Isopropylbenzene	9.928	105	80183	0.925	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	8795	0.964	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	65046	0.886	ug/L	100
63) 1,2,4-Trimethylbenzene	10.908	105	65690	0.893	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	37273	0.915	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	37532	0.917	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	34082	0.931	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.423	75	1482	0.825	ug/L	97
69) 1,3,5-Trichlorobenzene	12.638	180	28593	0.910	ug/L	98
70) 1,2,4-trichlorobenzene	13.255	180	21251	0.894	ug/L	98
71) Naphthalene	13.500	128	23423	0.764	ug/L	97
72) 1,2,3-Trichlorobenzene	13.738	180	17191	0.854	ug/L	99

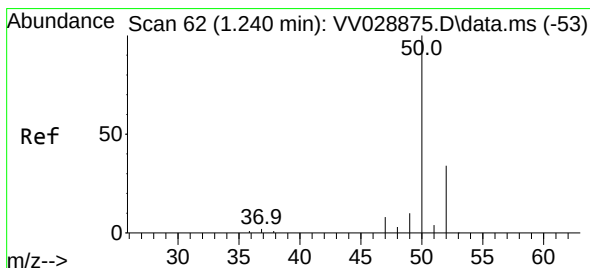
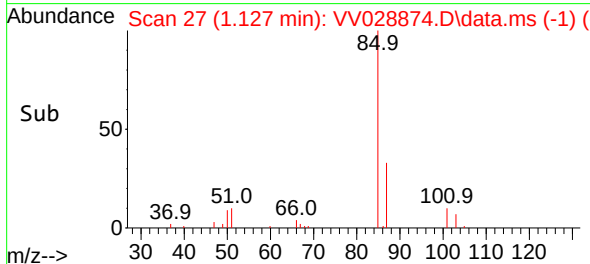
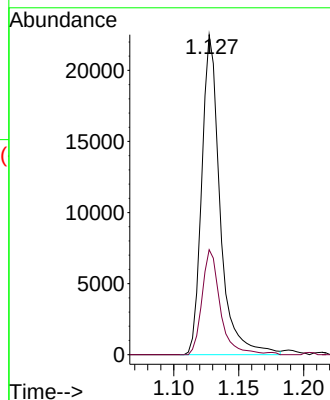
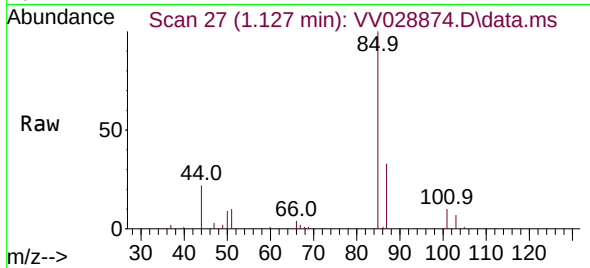
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#2
 Dichlorodifluoromethane
 Concen: 0.902 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028874.D
 Acq: 11 Nov 2022 13:54

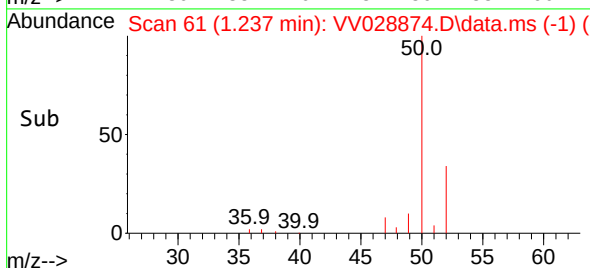
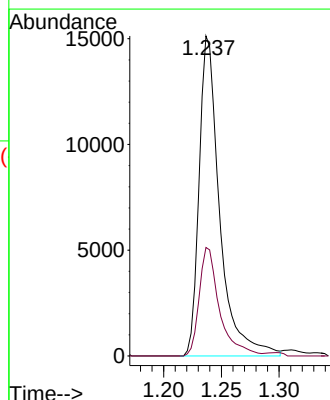
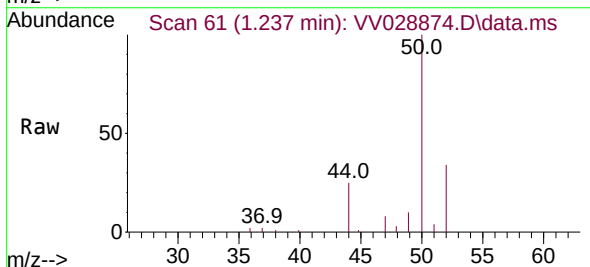
Instrument :
 MSVOA_V
 ClientSampleId :
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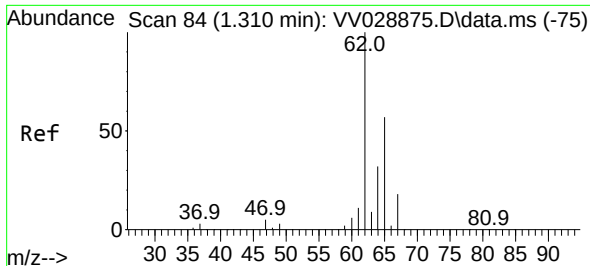
Tgt Ion: 85 Resp: 22165
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.0 37.4



#3
 Chloromethane
 Concen: 0.918 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV028874.D
 Acq: 11 Nov 2022 13:54

Tgt Ion: 50 Resp: 18725
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.7 43.9

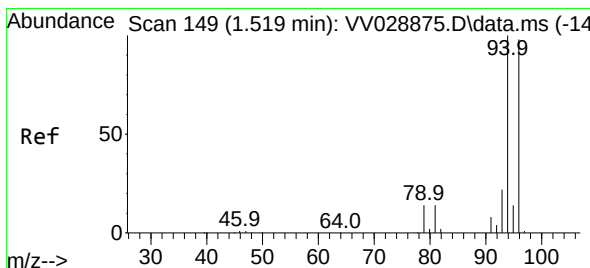
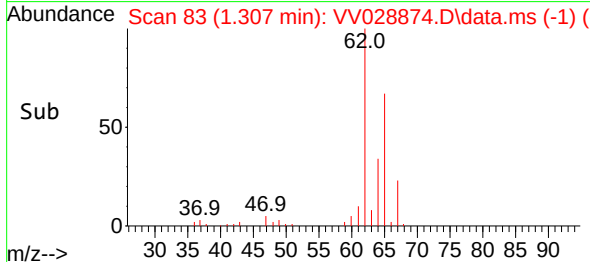
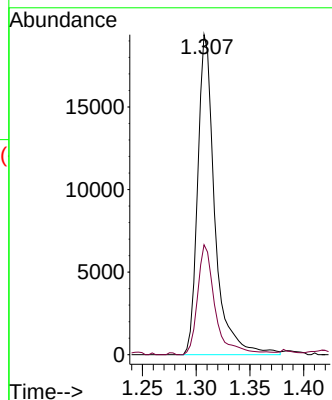
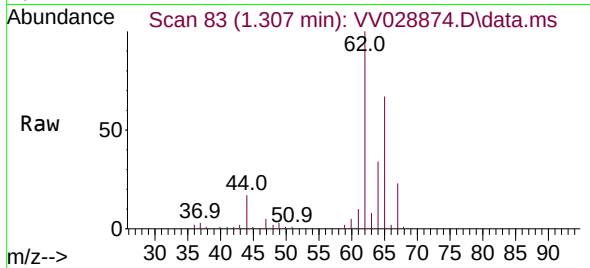




#5
 Vinyl chloride
 Concen: 0.923 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV028874.D
 Acq: 11 Nov 2022 13:54

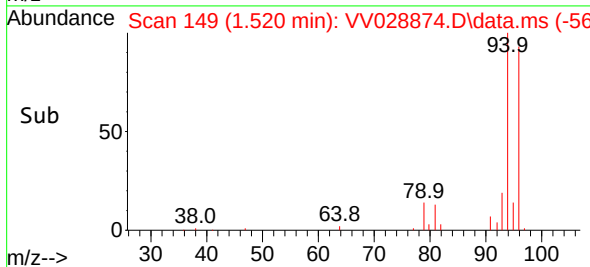
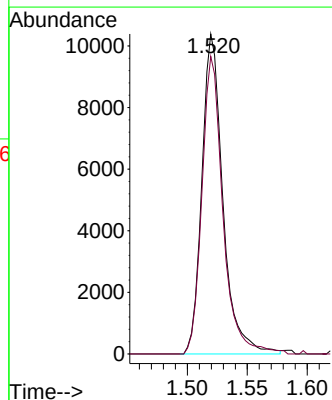
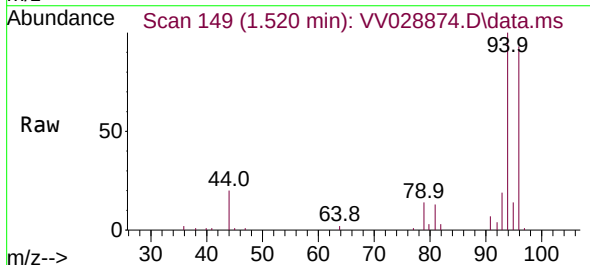
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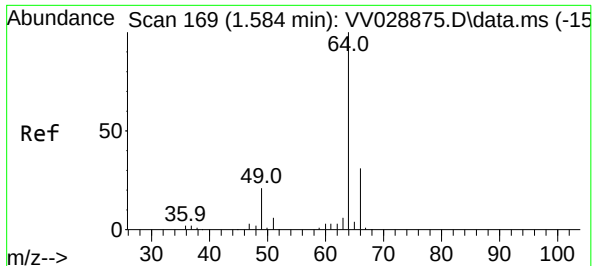
Tgt Ion: 62 Resp: 21461
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.8 42.4



#6
 Bromomethane
 Concen: 0.913 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV028874.D
 Acq: 11 Nov 2022 13:54

Tgt Ion: 94 Resp: 12696
 Ion Ratio Lower Upper
 94 100
 96 93.0 68.5 127.3

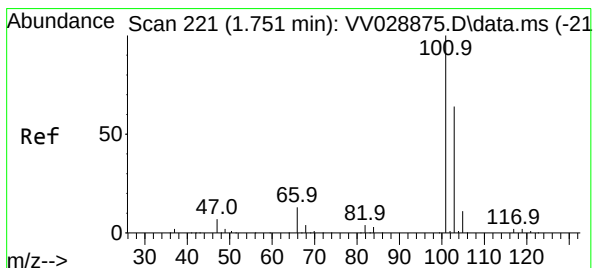
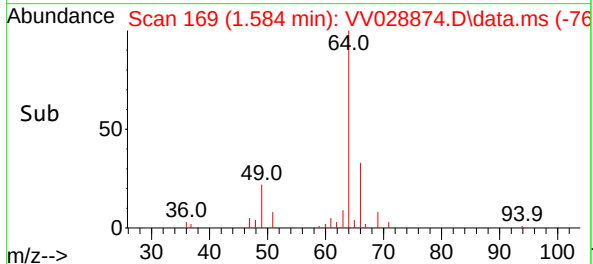
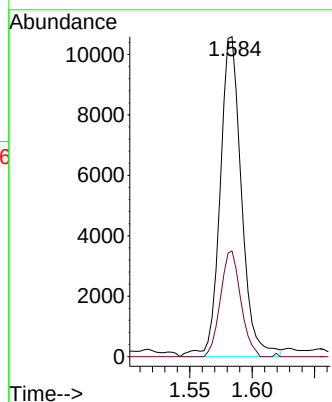
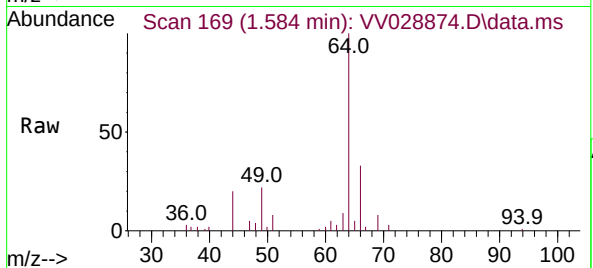




#8
Chloroethane
Concen: 0.925 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

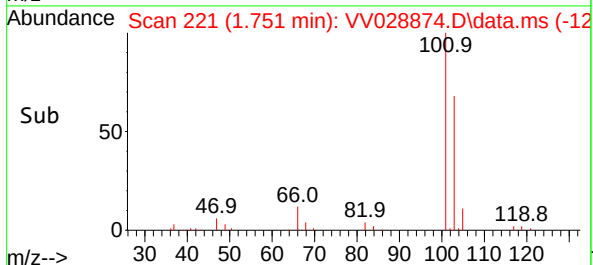
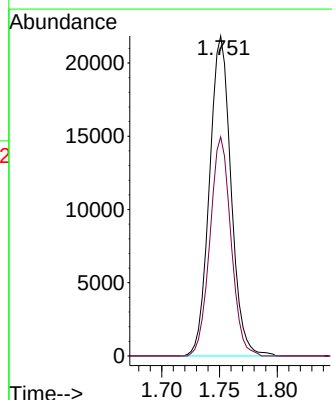
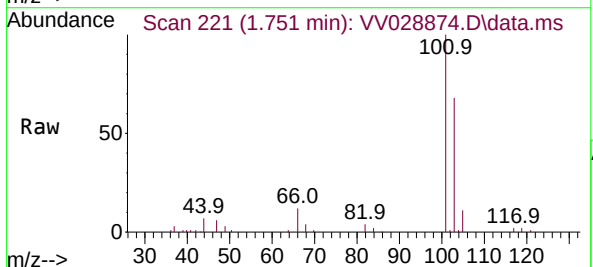
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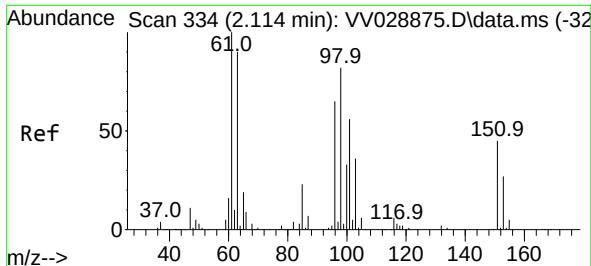
Tgt Ion: 64 Resp: 12644
Ion Ratio Lower Upper
64 100
66 33.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 0.906 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

Tgt Ion:101 Resp: 28406
Ion Ratio Lower Upper
101 100
103 66.5 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.924 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD001278

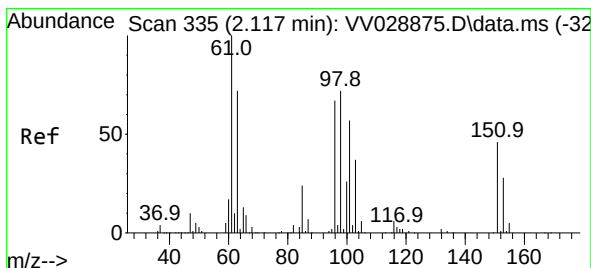
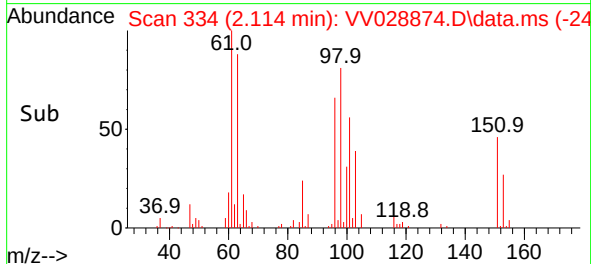
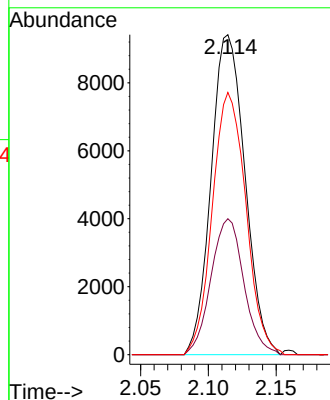
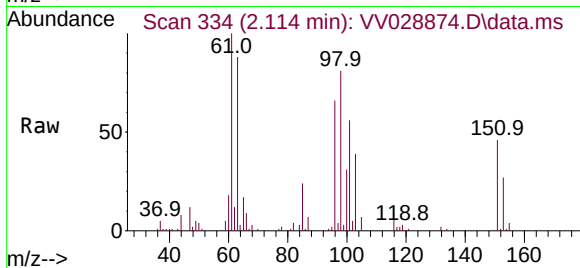
Tgt Ion:101 Resp: 16397

Ion Ratio Lower Upper

101 100

85 41.2 32.9 49.3

151 81.0 62.5 93.7



#12

1,1-Dichloroethene

Concen: 0.916 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

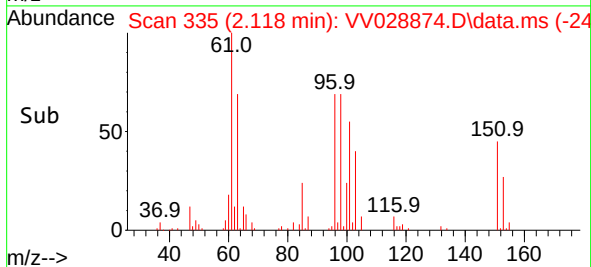
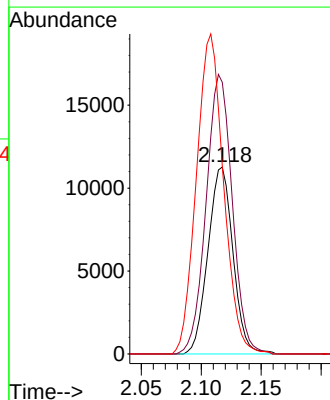
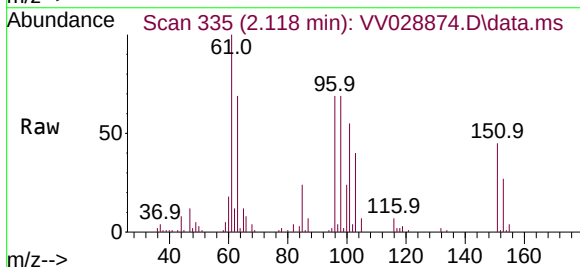
Tgt Ion: 96 Resp: 16342

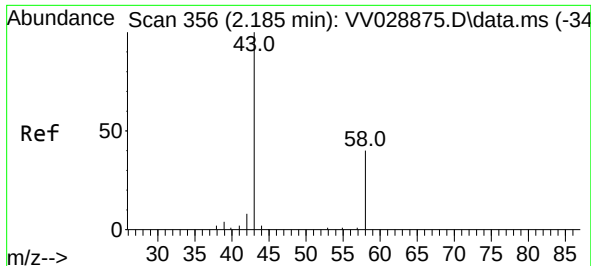
Ion Ratio Lower Upper

96 100

61 145.4 104.2 193.4

63 100.7 75.9 140.9





#13

Acetone

Concen: 5.595 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

Instrument :

MSVOA_V

ClientSampleId :

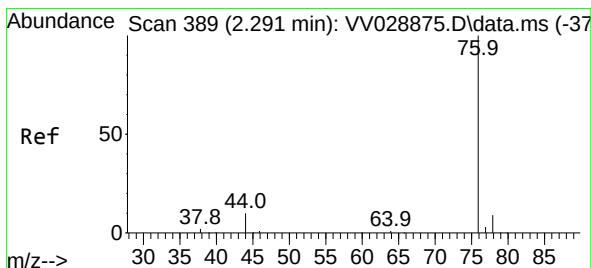
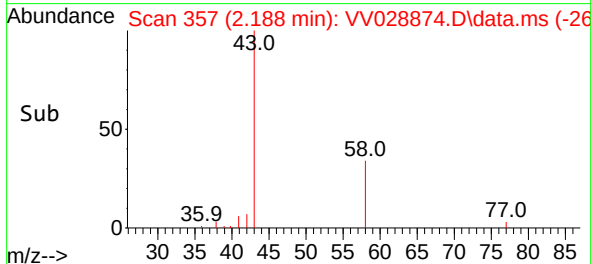
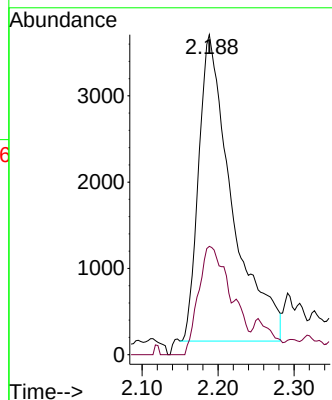
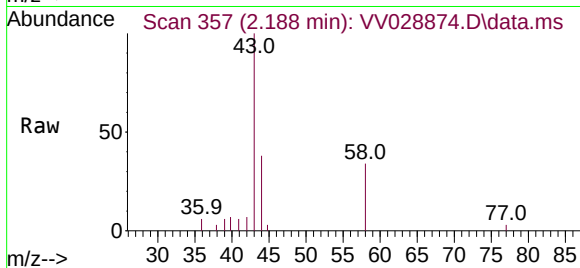
VSTD001278

Tgt Ion: 43 Resp: 10825

Ion Ratio Lower Upper

43 100

58 35.1 0.0 56.6



#14

Carbon disulfide

Concen: 0.932 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV028874.D

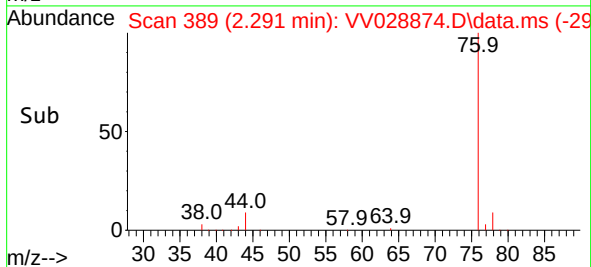
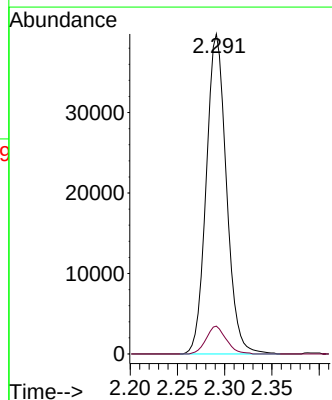
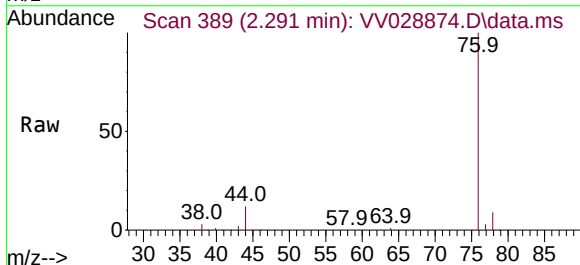
Acq: 11 Nov 2022 13:54

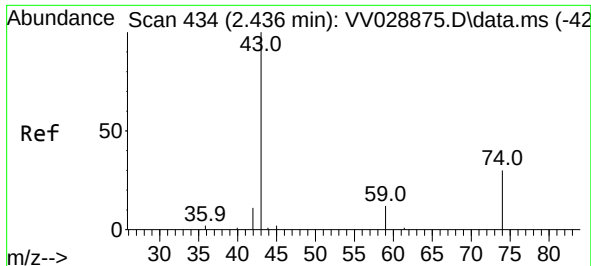
Tgt Ion: 76 Resp: 59056

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

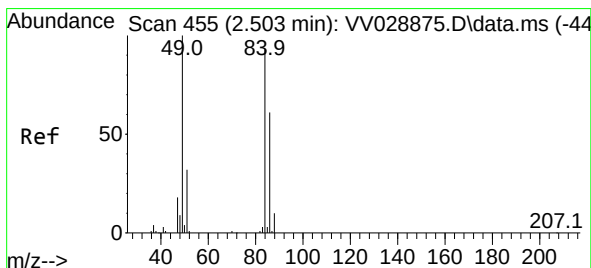
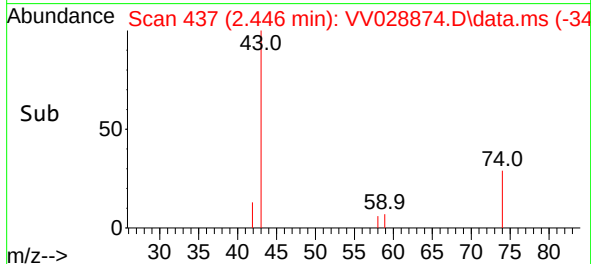
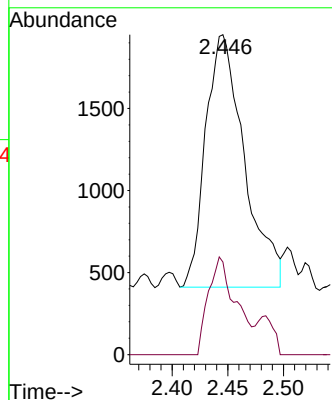
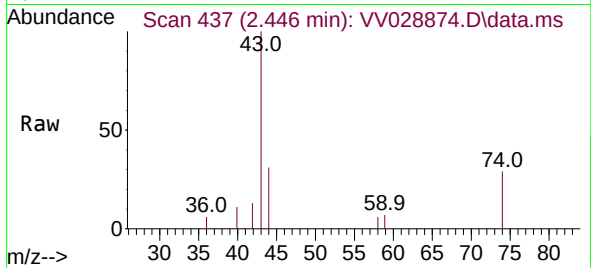




#15
Methyl Acetate
Concen: 0.795 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

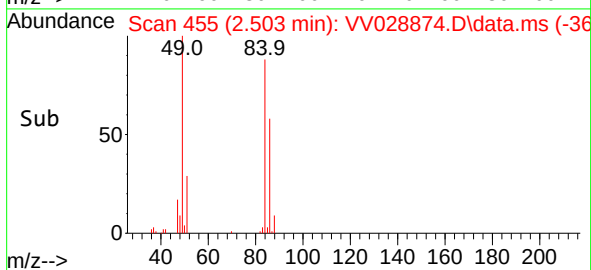
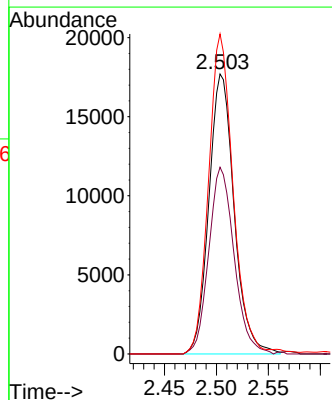
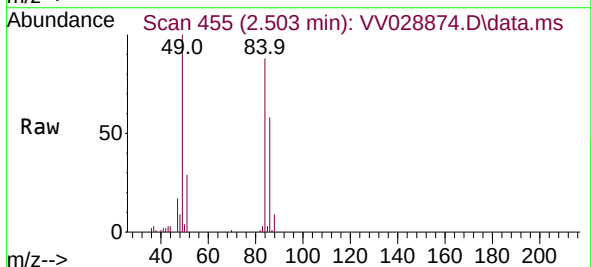
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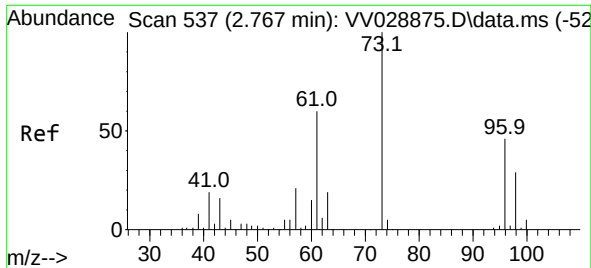
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Ion Ratio Lower Upper
43 100
74 27.3 24.6 37.0



#16
Methylene chloride
Concen: 1.295 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

Tgt Ion: 84 Resp: 29870
Ion Ratio Lower Upper
84 100
86 66.7 45.8 85.0
49 114.3 75.5 140.1

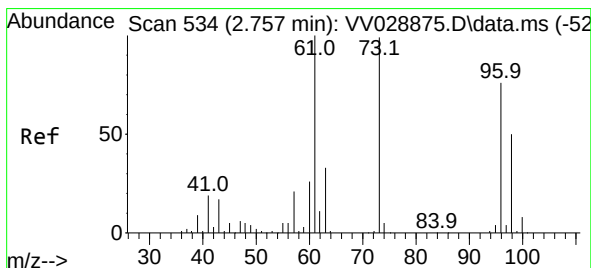
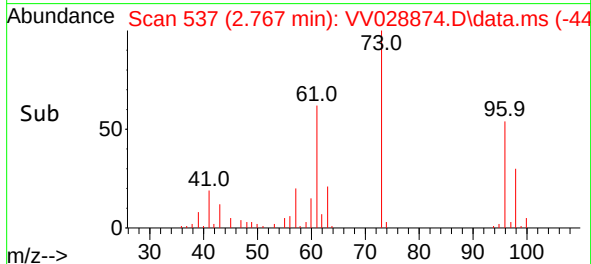
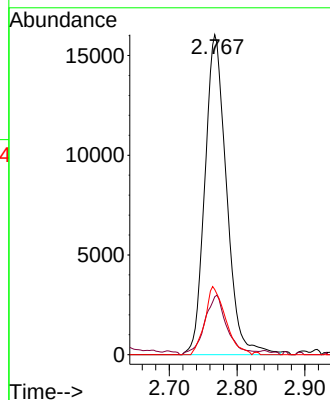
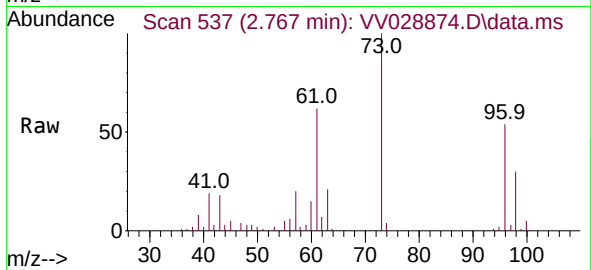




#17
Methyl tert-butyl Ether
Concen: 0.932 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

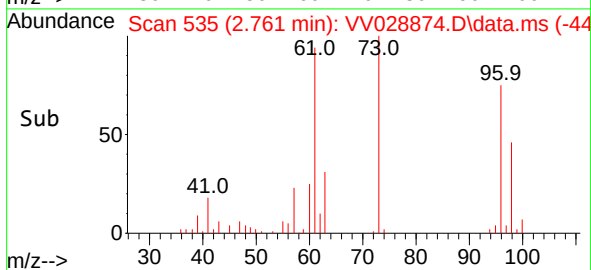
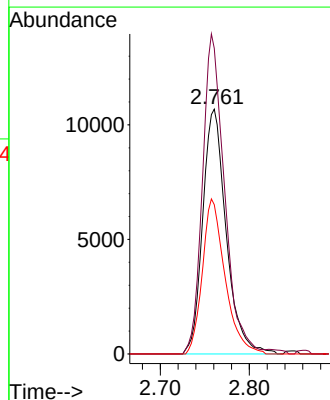
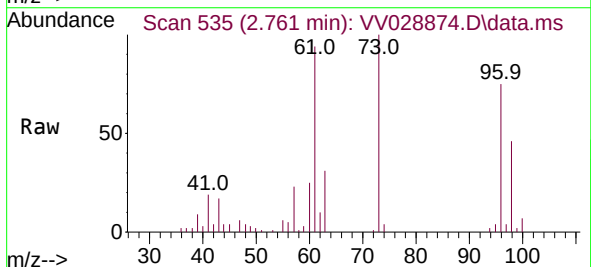
Instrument :
MSVOA_V
ClientSampleId :
VSTD001278

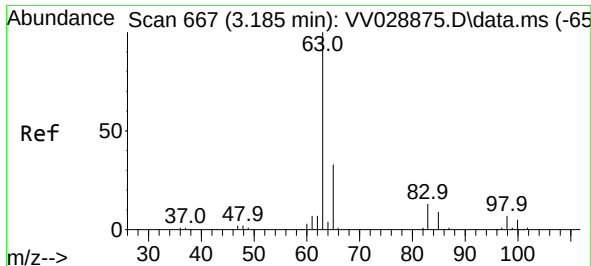
Tgt Ion: 73	Resp:	35634	
Ion	Ratio	Lower	Upper
73	100		
43	19.2	13.0	19.4
57	20.2	16.6	24.8



#18
trans-1,2-Dichloroethene
Concen: 0.945 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

Tgt Ion: 96	Resp:	19560	
Ion	Ratio	Lower	Upper
96	100		
61	124.9	91.8	170.6
98	61.0	46.4	86.2





#19

1,1-Dichloroethane

Concen: 0.932 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD001278

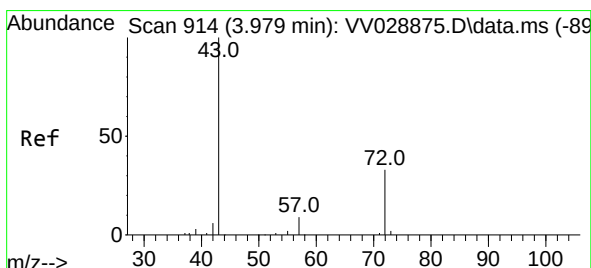
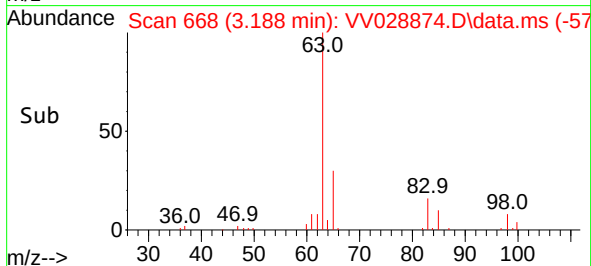
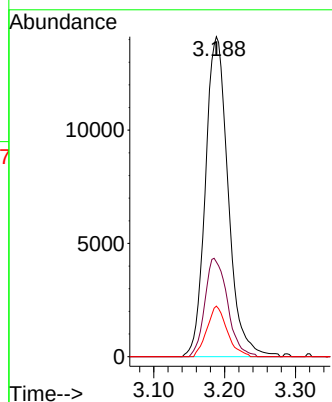
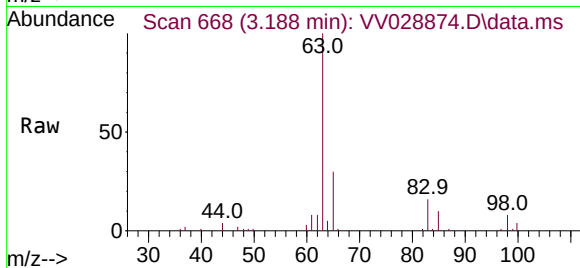
Tgt Ion: 63 Resp: 31510

Ion Ratio Lower Upper

63 100

65 29.6 23.0 42.6

83 15.8 9.4 17.6



#21

2-Butanone

Concen: 5.366 ug/L

RT: 4.018 min Scan# 926

Delta R.T. 0.039 min

Lab File: VV028874.D

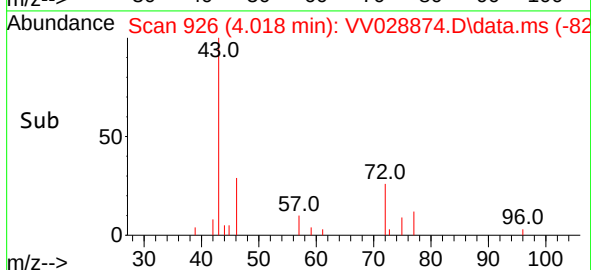
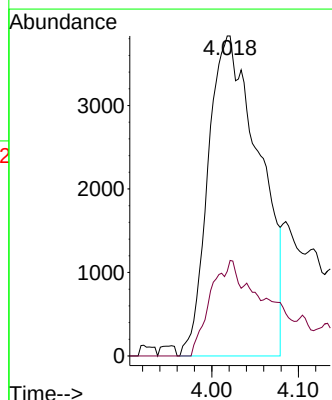
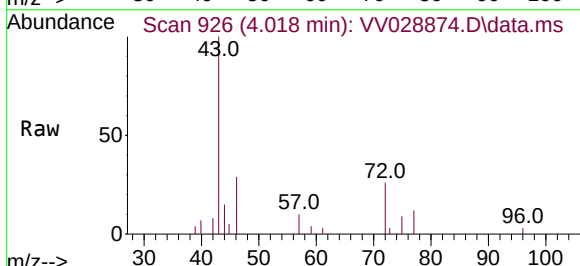
Acq: 11 Nov 2022 13:54

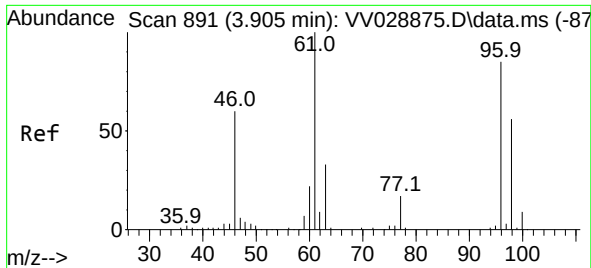
Tgt Ion: 43 Resp: 15730

Ion Ratio Lower Upper

43 100

72 16.6 11.9 35.9

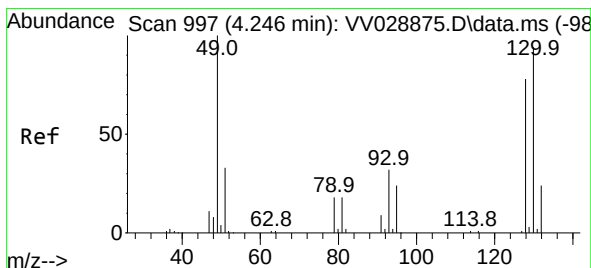
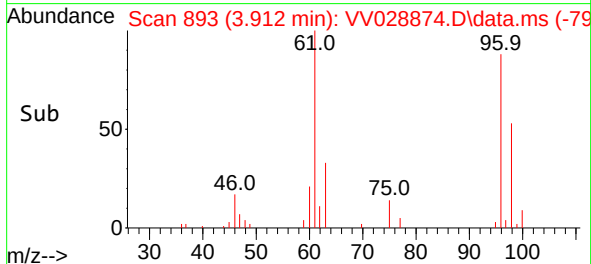
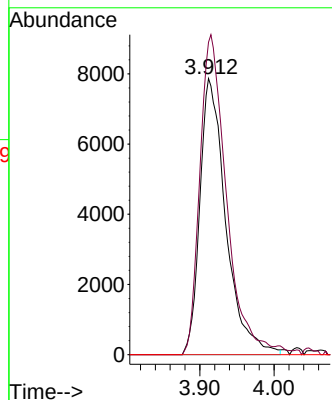
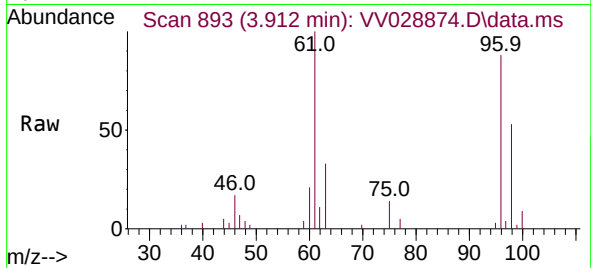




#22
 cis-1,2-Dichloroethene
 Concen: 0.909 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.007 min
 Lab File: VV028874.D
 Acq: 11 Nov 2022 13:54

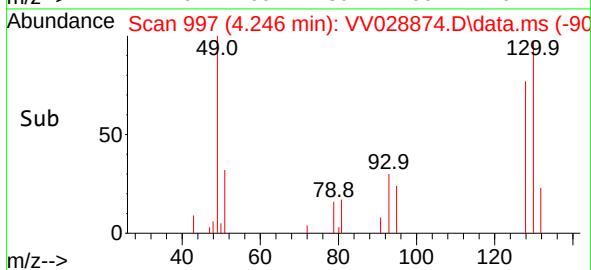
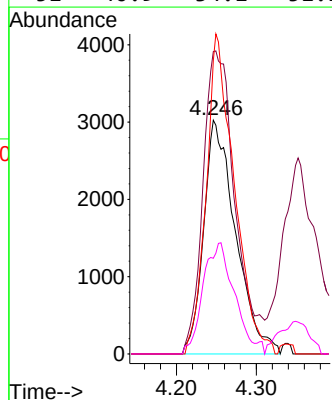
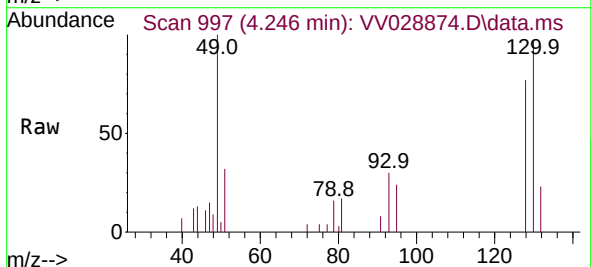
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001278

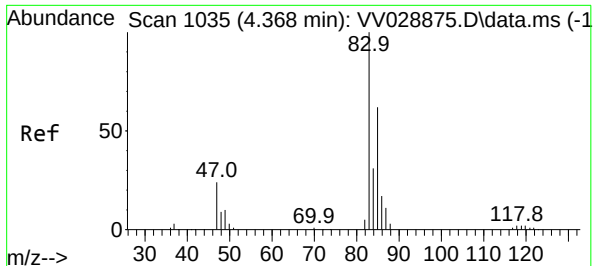
Tgt Ion: 96 Resp: 19112
 Ion Ratio Lower Upper
 96 100
 61 113.2 82.3 152.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.941 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VV028874.D
 Acq: 11 Nov 2022 13:54

Tgt Ion: 128 Resp: 8374
 Ion Ratio Lower Upper
 128 100
 49 129.4 89.5 166.1
 130 125.5 84.4 156.8
 51 40.9 34.1 51.1





#25

Chloroform

Concen: 0.961 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

Instrument :

MSVOA_V

ClientSampleId :

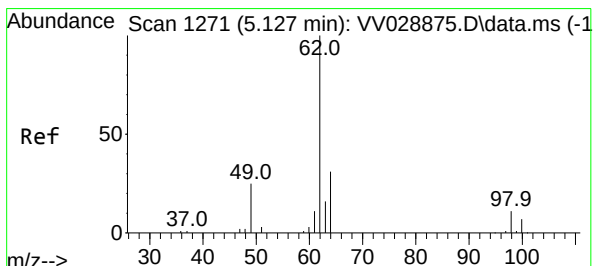
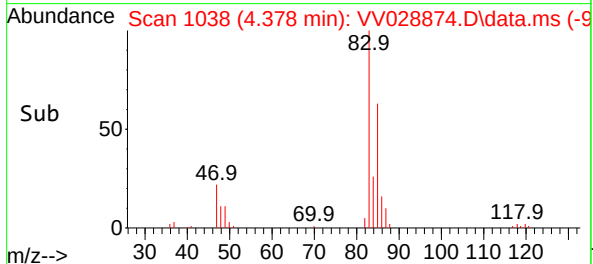
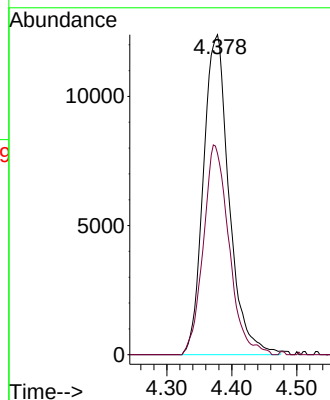
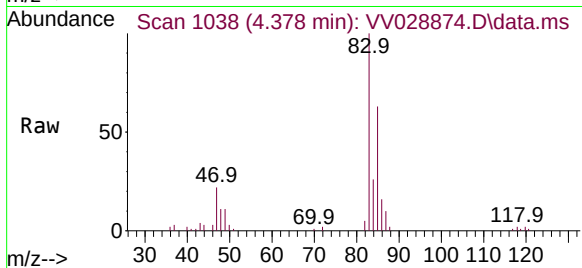
VSTD001278

Tgt Ion: 83 Resp: 34087

Ion Ratio Lower Upper

83 100

85 62.9 43.7 81.1



#27

1,2-Dichloroethane

Concen: 0.911 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.010 min

Lab File: VV028874.D

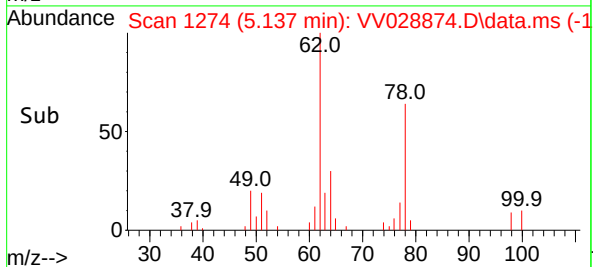
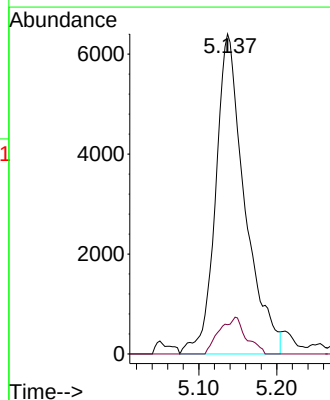
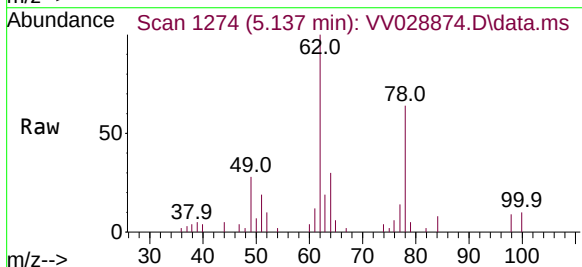
Acq: 11 Nov 2022 13:54

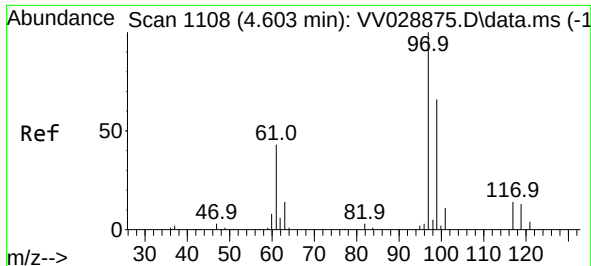
Tgt Ion: 62 Resp: 16633

Ion Ratio Lower Upper

62 100

98 9.1 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 0.936 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD001278

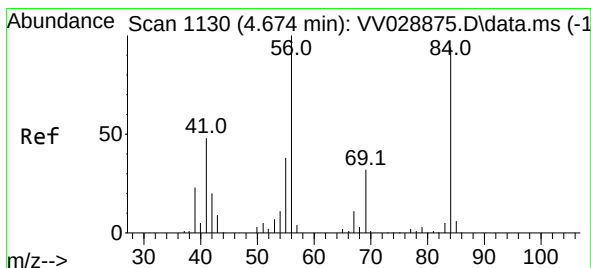
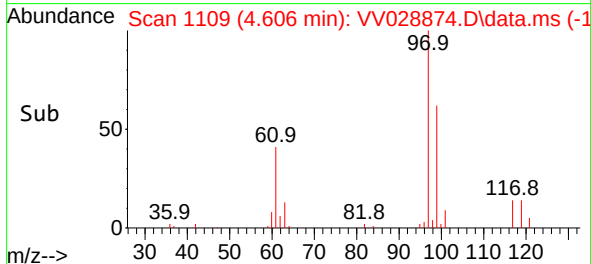
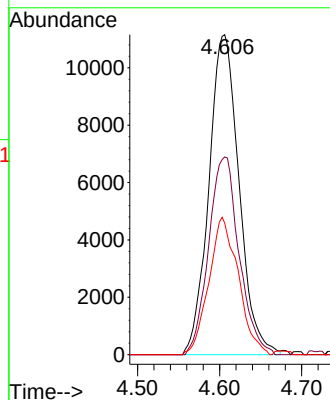
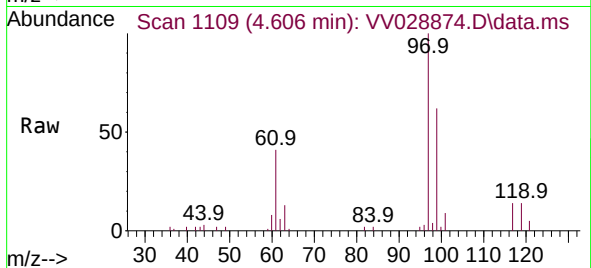
Tgt Ion: 97 Resp: 28535

Ion Ratio Lower Upper

97 100

99 62.4 52.7 79.1

61 42.0 33.8 50.6



#30

Cyclohexane

Concen: 0.906 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

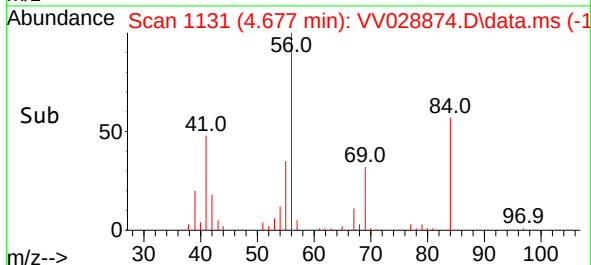
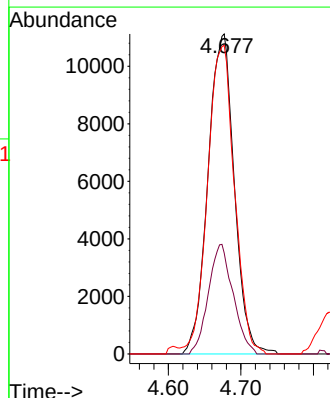
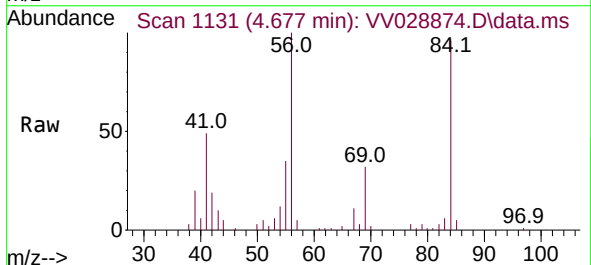
Tgt Ion: 56 Resp: 28072

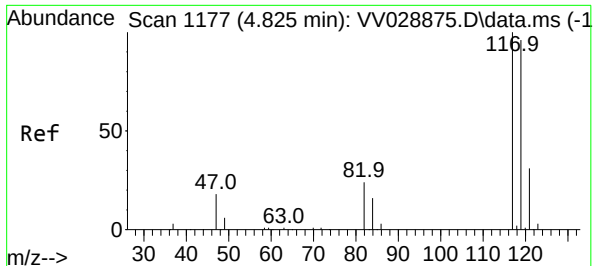
Ion Ratio Lower Upper

56 100

69 32.1 26.1 39.1

84 98.4 77.9 116.9

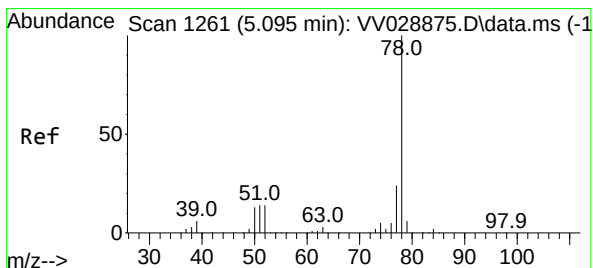
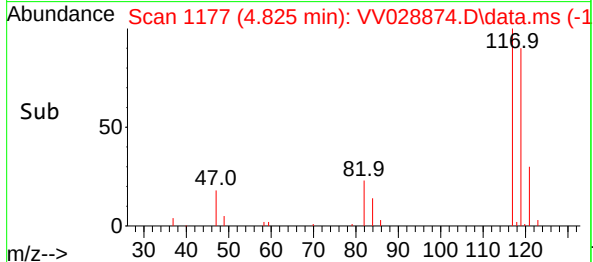
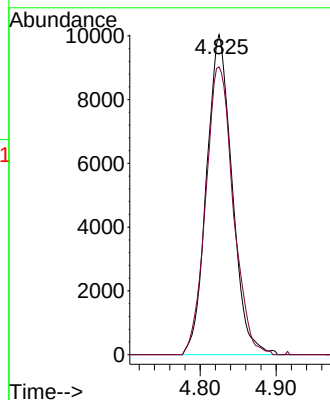
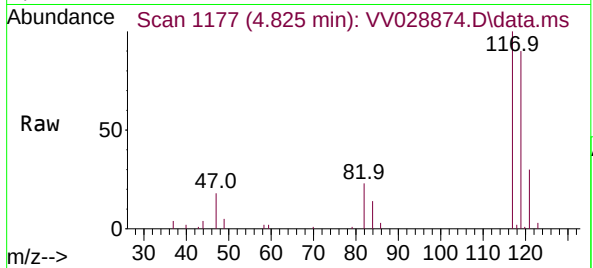




#31
Carbon tetrachloride
Concen: 0.892 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

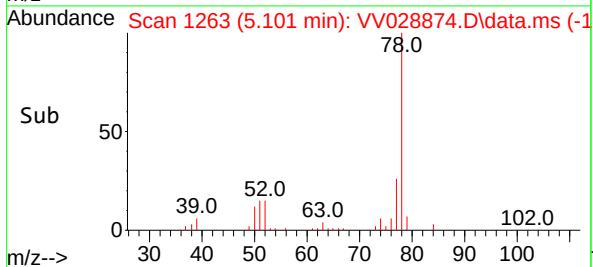
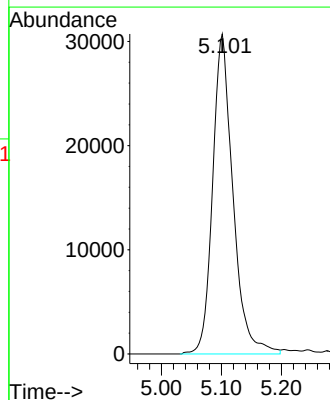
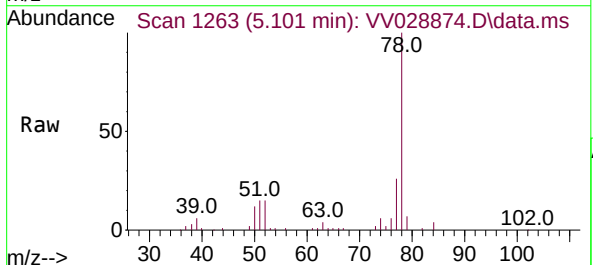
Instrument :
MSVOA_V
ClientSampleId :
VSTD001278

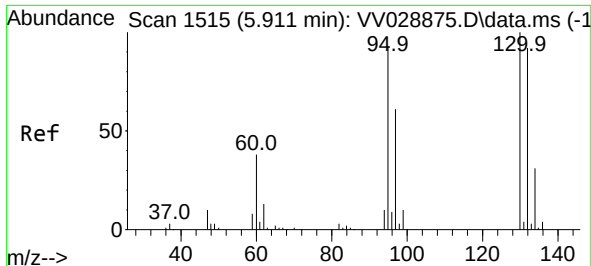
Tgt Ion:117 Resp: 23416
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.6



#33
Benzene
Concen: 0.911 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

Tgt Ion: 78 Resp: 72332

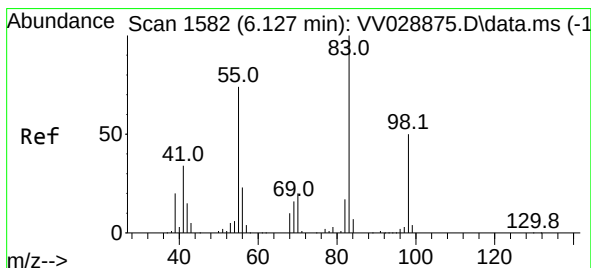
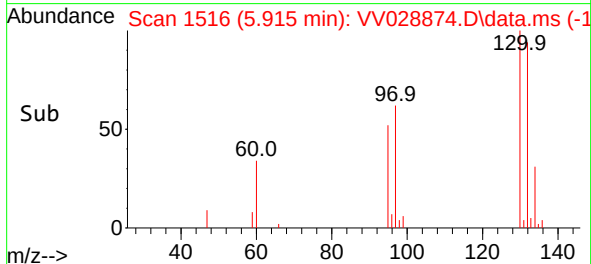
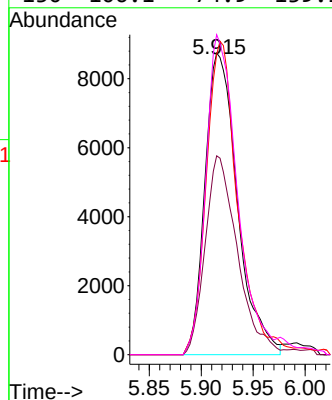
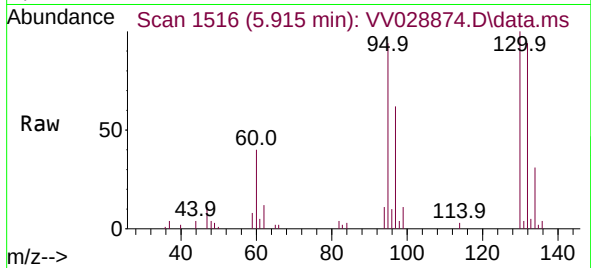




#34
Trichloroethene
Concen: 0.935 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

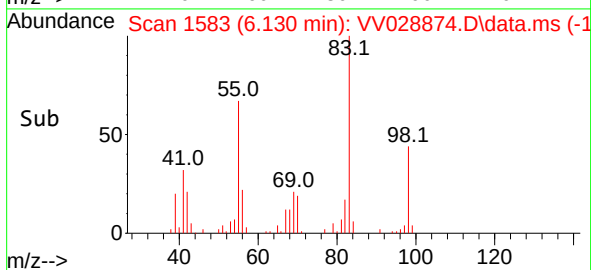
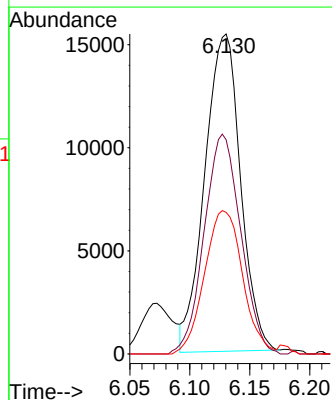
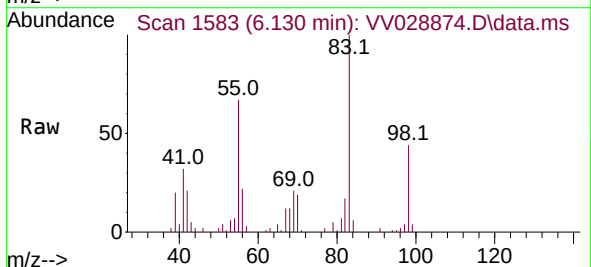
Instrument :
MSVOA_V
ClientSampleId :
VSTD001278

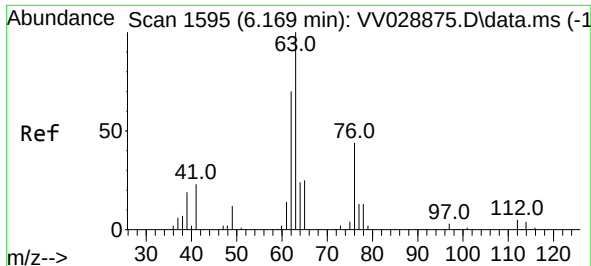
Tgt Ion: 95 Resp: 18998
Ion Ratio Lower Upper
95 100
97 66.0 45.6 84.8
132 99.6 69.1 128.3
130 106.1 74.9 139.1



#35
Methylcyclohexane
Concen: 0.894 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

Tgt Ion: 83 Resp: 31942
Ion Ratio Lower Upper
83 100
55 70.9 55.8 83.6
98 48.1 38.2 57.2





#37

1,2-Dichloropropane

Concen: 0.917 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

Instrument :

MSVOA_V

ClientSampleId :

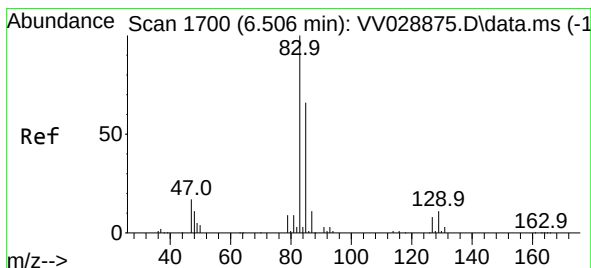
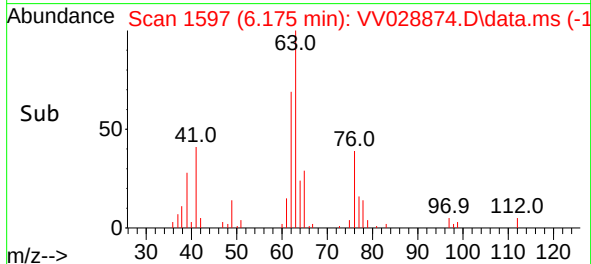
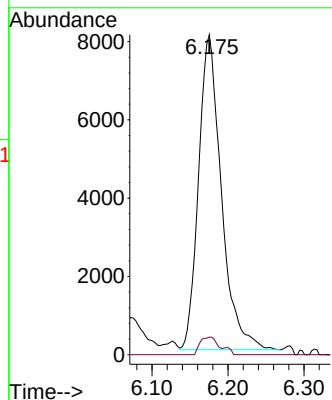
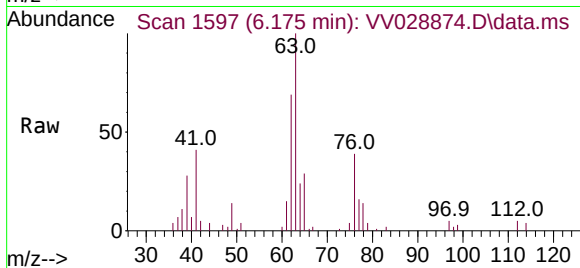
VSTD001278

Tgt Ion: 63 Resp: 16787

Ion Ratio Lower Upper

63 100

112 4.1 4.0 6.0



#38

Bromodichloromethane

Concen: 0.939 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

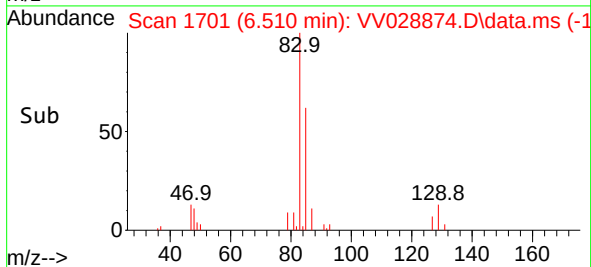
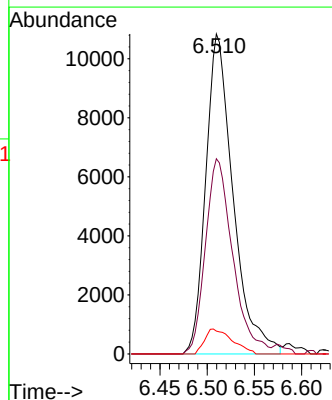
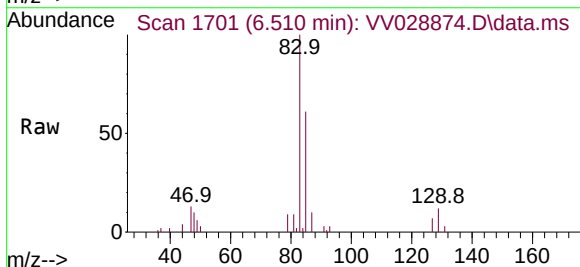
Tgt Ion: 83 Resp: 21772

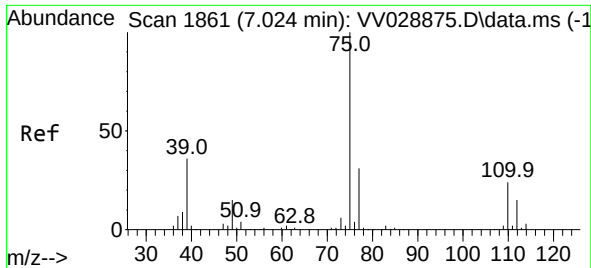
Ion Ratio Lower Upper

83 100

85 61.0 46.1 85.5

127 7.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 0.874 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.007 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

Instrument :

MSVOA_V

ClientSampleId :

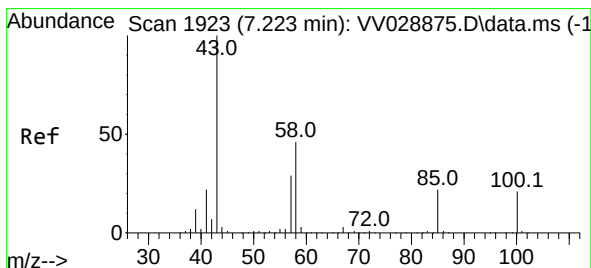
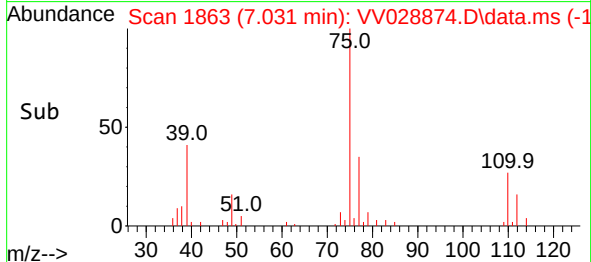
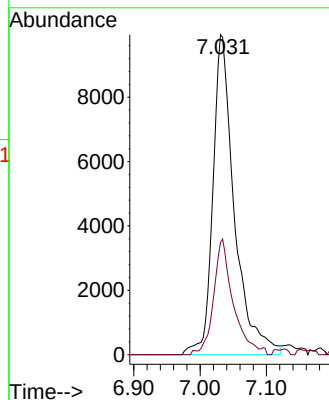
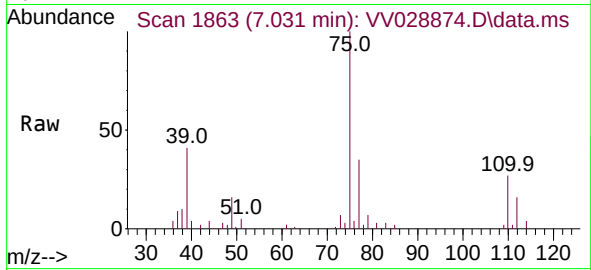
VSTD001278

Tgt Ion: 75 Resp: 22353

Ion Ratio Lower Upper

75 100

77 35.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 8.526 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.007 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

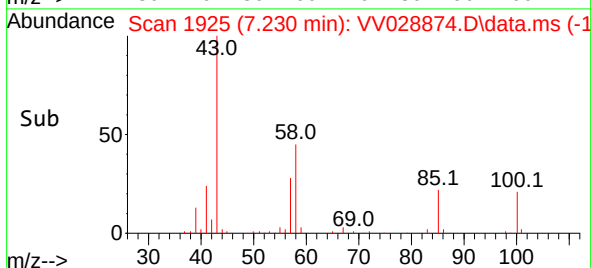
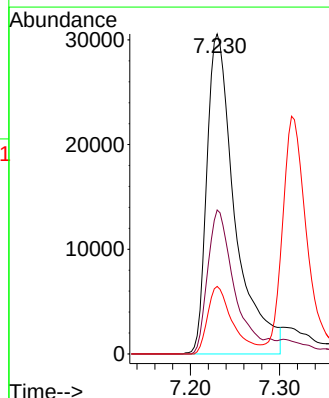
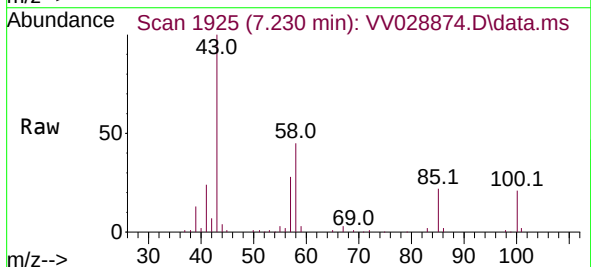
Tgt Ion: 43 Resp: 67047

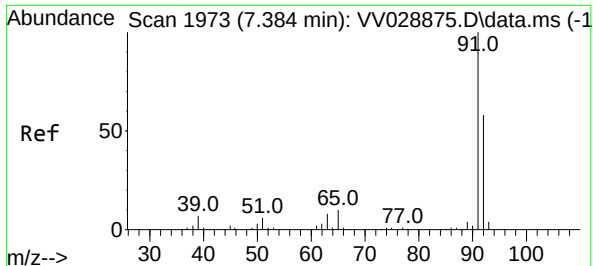
Ion Ratio Lower Upper

43 100

58 42.1 36.6 55.0

100 18.9 14.5 21.7





#42

Toluene

Concen: 0.917 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

Instrument :

MSVOA_V

ClientSampleId :

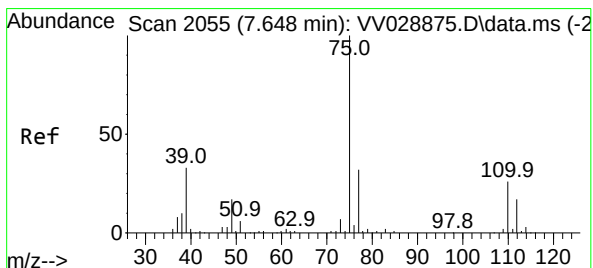
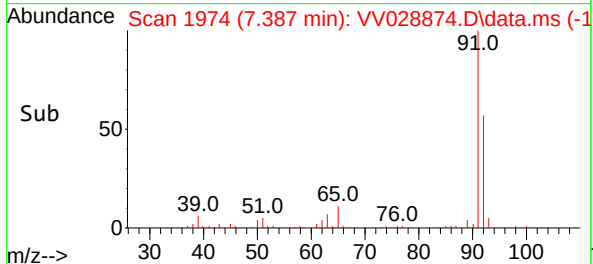
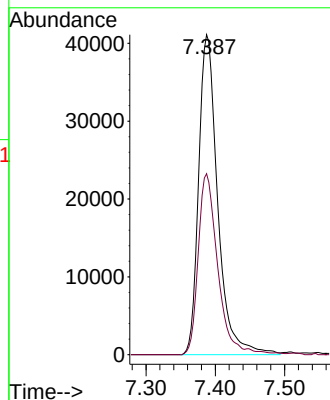
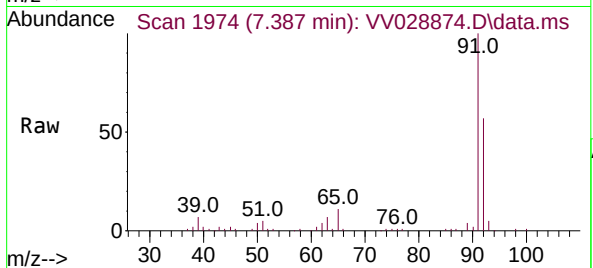
VSTD001278

Tgt Ion: 91 Resp: 78684

Ion Ratio Lower Upper

91 100

92 56.5 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 0.854 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.007 min

Lab File: VV028874.D

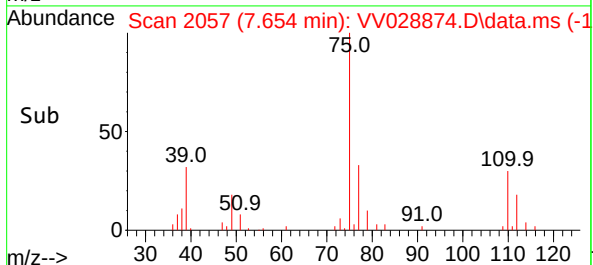
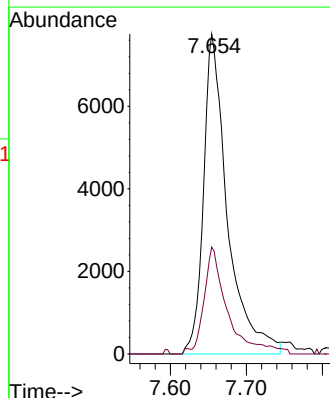
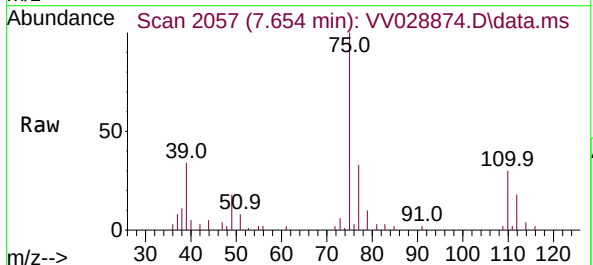
Acq: 11 Nov 2022 13:54

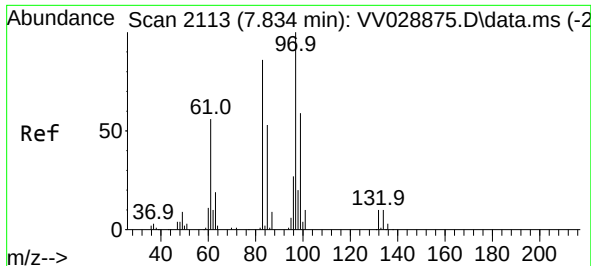
Tgt Ion: 75 Resp: 16948

Ion Ratio Lower Upper

75 100

77 33.4 22.2 41.2

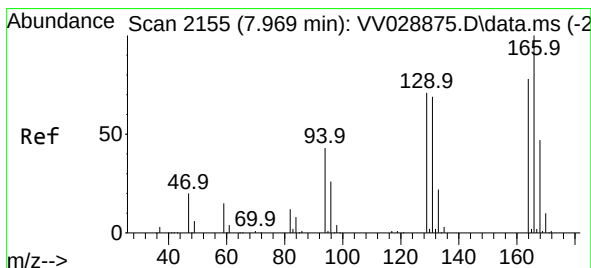
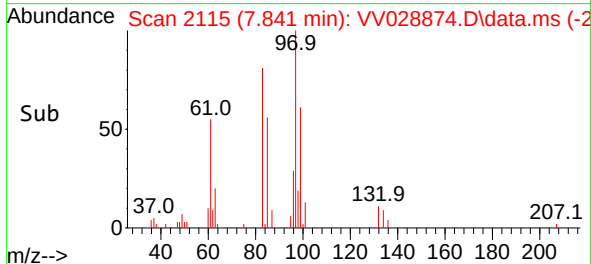
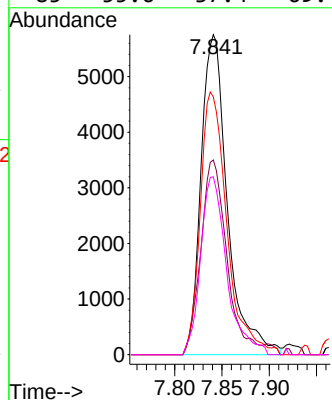
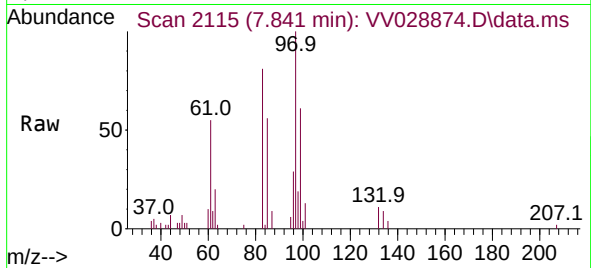




#45
1,1,2-Trichloroethane
Concen: 0.933 ug/L
RT: 7.841 min Scan# 2113
Delta R.T. 0.007 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

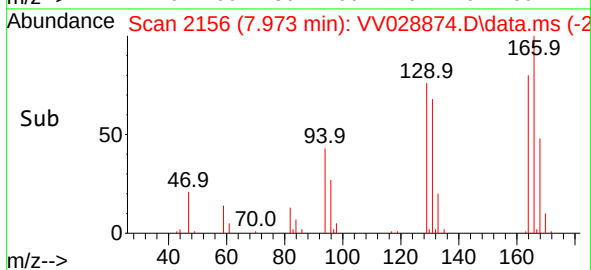
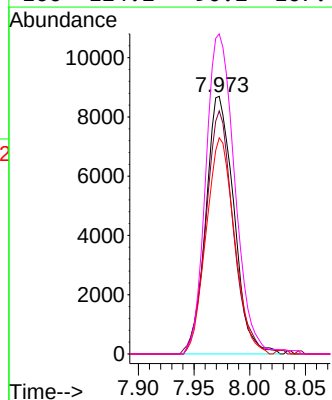
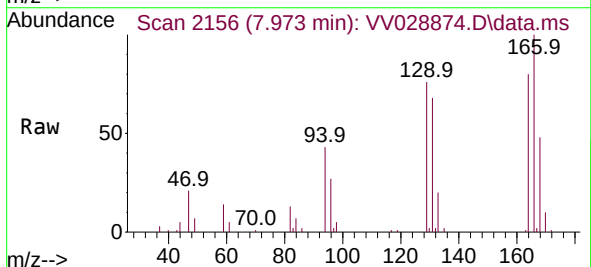
Instrument :
MSVOA_V
ClientSampleId :
VSTD001278

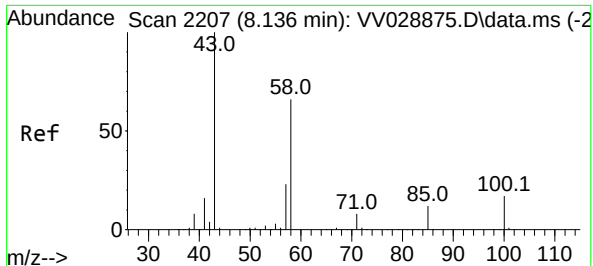
Tgt Ion: 97	Resp: 11189
Ion Ratio	Lower Upper
97 100	
99 60.9	41.5 77.1
83 80.6	60.0 111.4
85 55.6	37.4 69.4



#47
Tetrachloroethene
Concen: 0.934 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

Tgt	Ion:164	Resp:	15197
Ion	Ratio	Lower	Upper
164	100		
129	94.4	63.9	118.7
131	83.9	61.8	114.8
166	124.2	90.2	167.4

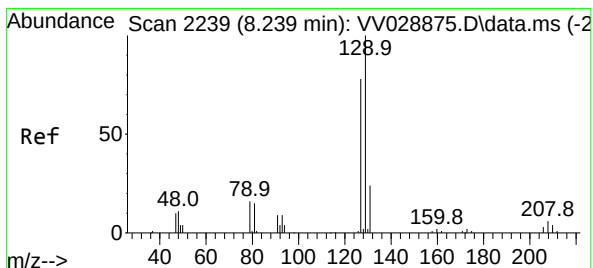
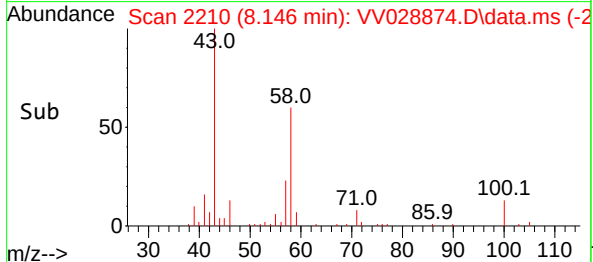
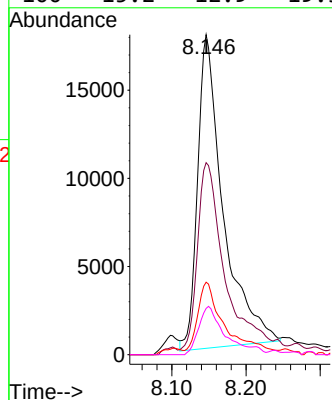
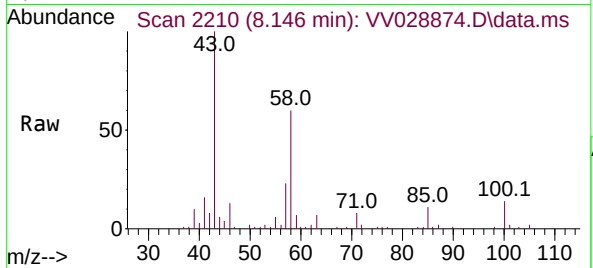




#48
2-Hexanone
Concen: 7.789 ug/L
RT: 8.146 min Scan# 2110
Delta R.T. 0.010 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

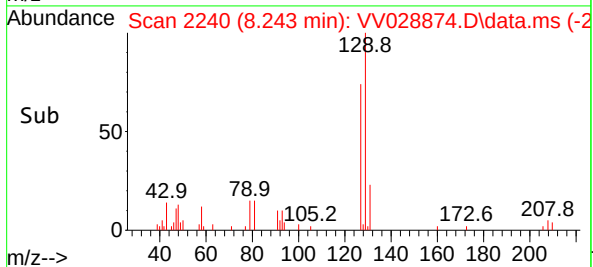
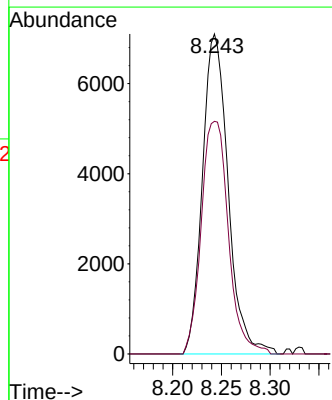
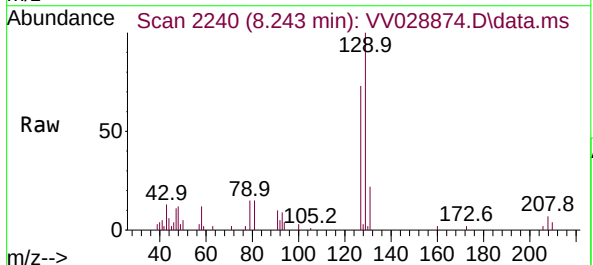
Instrument :
MSVOA_V
ClientSampleId :
VSTD001278

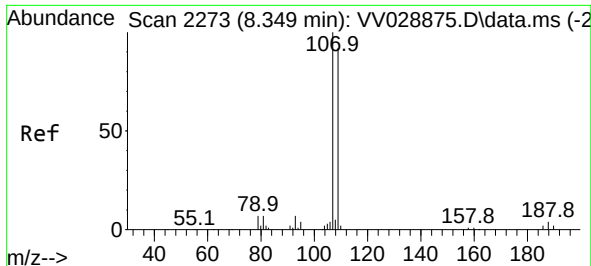
Tgt Ion:	43	Resp:	42695
Ion	Ratio	Lower	Upper
43	100		
58	63.6	50.2	75.4
57	24.7	17.8	26.8
100	15.2	12.9	19.3



#49
Dibromochloromethane
Concen: 0.899 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

Tgt Ion:	129	Resp:	13034
Ion	Ratio	Lower	Upper
129	100		
127	72.7	54.5	101.1





#50

1,2-Dibromoethane

Concen: 0.942 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD001278

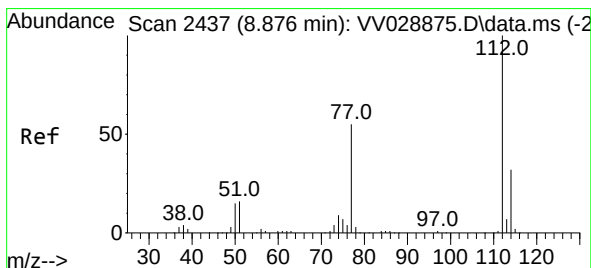
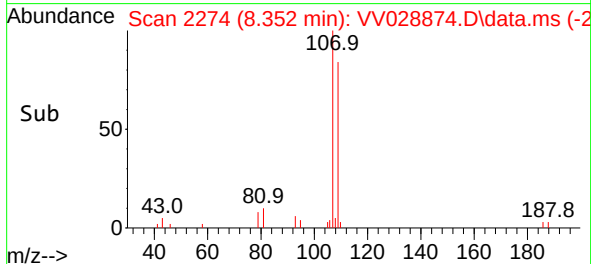
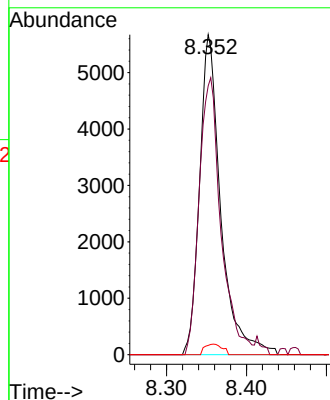
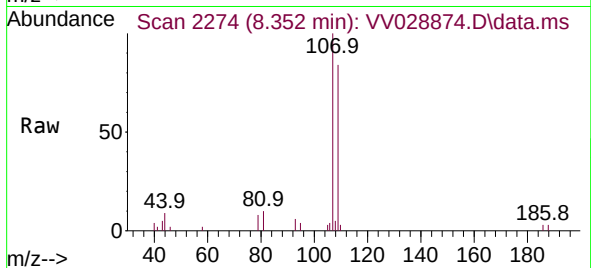
Tgt Ion:107 Resp: 10492

Ion Ratio Lower Upper

107 100

109 84.0 64.4 119.6

188 2.9 2.9 4.3



#51

Chlorobenzene

Concen: 0.925 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

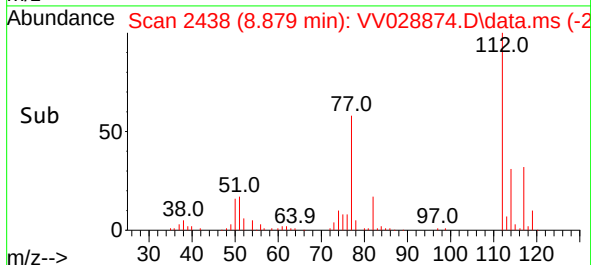
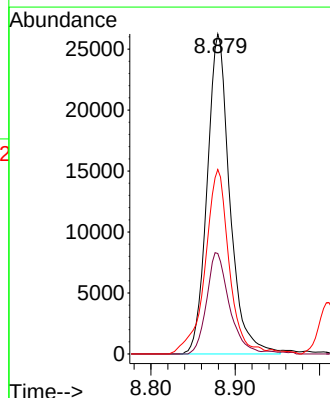
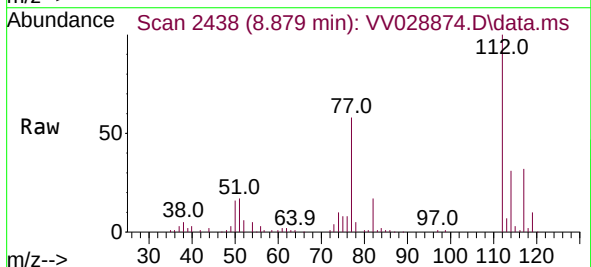
Tgt Ion:112 Resp: 49043

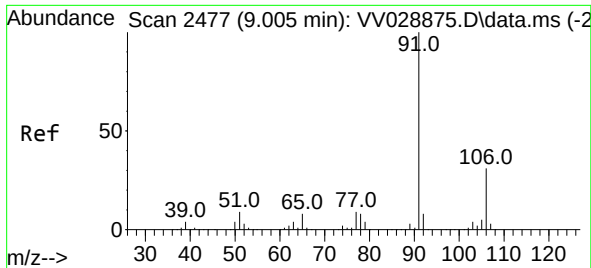
Ion Ratio Lower Upper

112 100

114 31.4 22.4 41.6

77 57.7 44.4 66.6

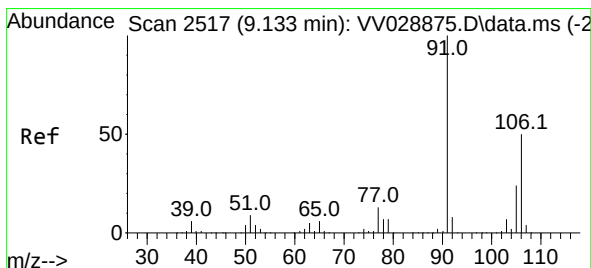
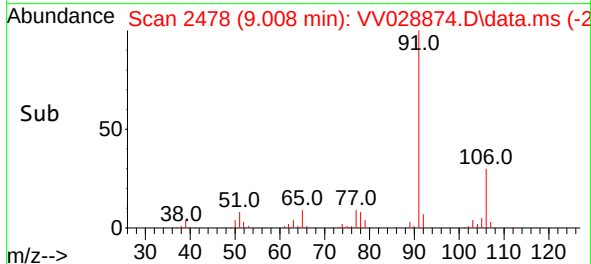
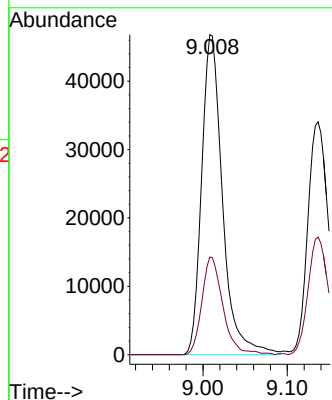
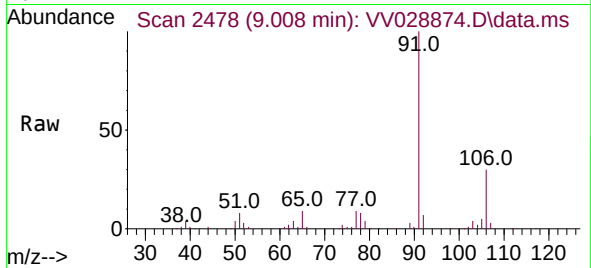




#52
Ethylbenzene
Concen: 0.905 ug/L
RT: 9.008 min Scan# 2477
Delta R.T. 0.003 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

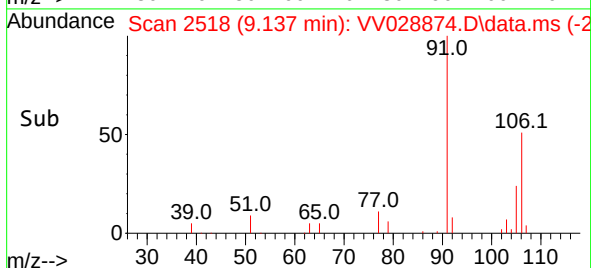
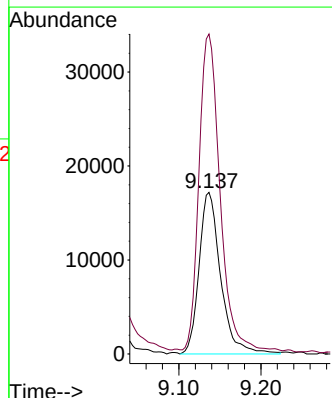
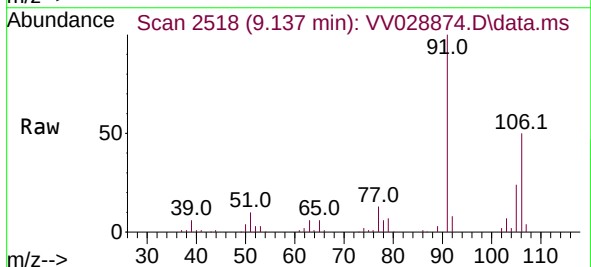
Instrument :
MSVOA_V
ClientSampleId :
VSTD001278

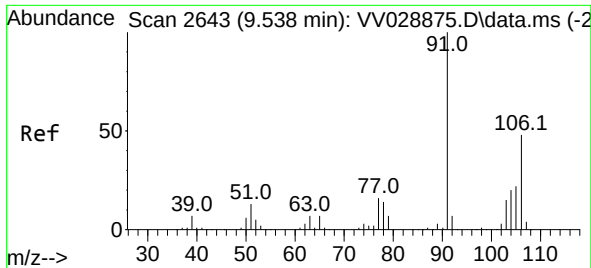
Tgt Ion: 91 Resp: 80866
Ion Ratio Lower Upper
91 100
106 30.5 21.6 40.2



#53
m,p-Xylene
Concen: 0.884 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

Tgt Ion: 106 Resp: 31405
Ion Ratio Lower Upper
106 100
91 198.1 139.1 258.3

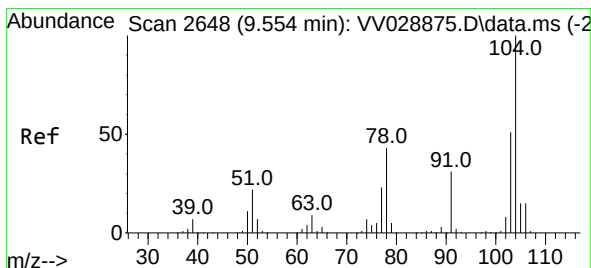
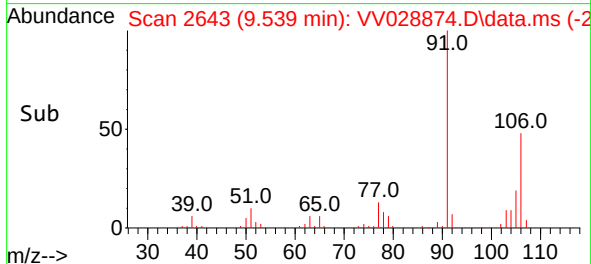
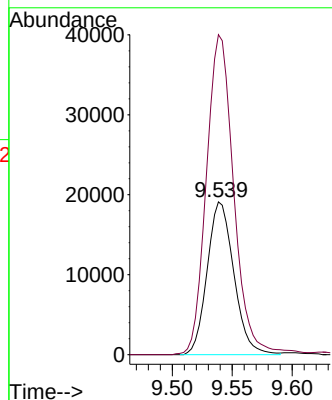
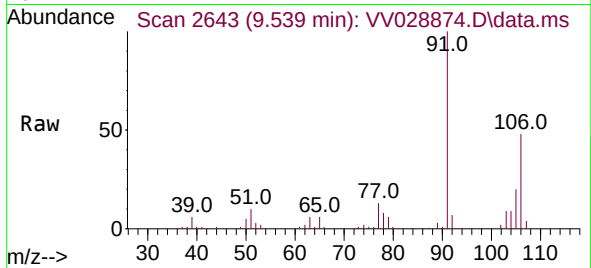




#54
o-Xylene
Concen: 0.876 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. 0.000 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

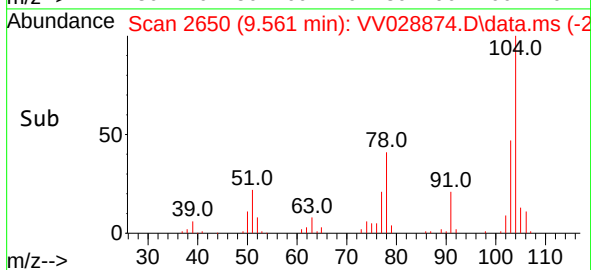
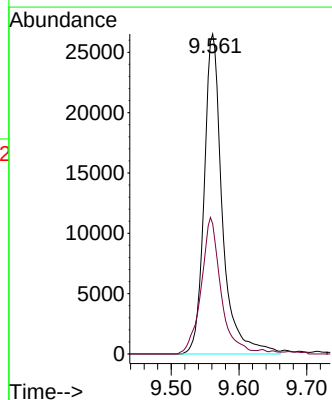
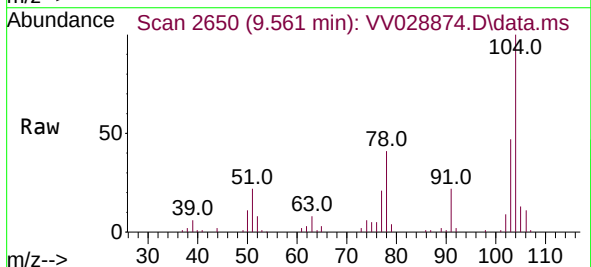
Instrument :
MSVOA_V
ClientSampleId :
VSTD001278

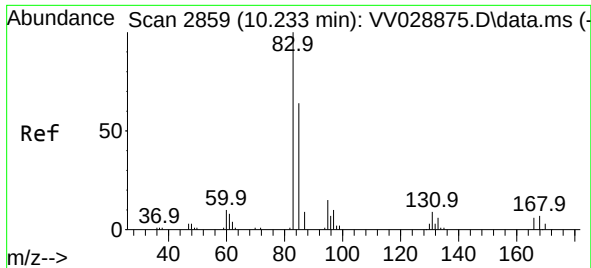
Tgt Ion:106 Resp: 29583
Ion Ratio Lower Upper
106 100
91 209.4 145.7 270.7



#55
Styrene
Concen: 0.872 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.007 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

Tgt Ion:104 Resp: 49382
Ion Ratio Lower Upper
104 100
78 40.7 30.1 55.9

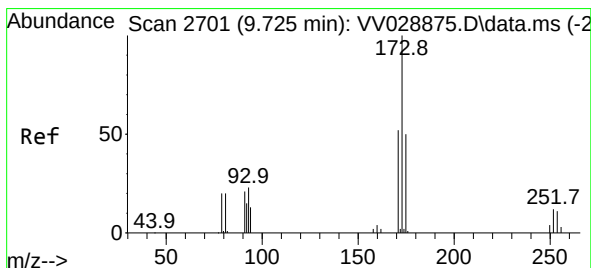
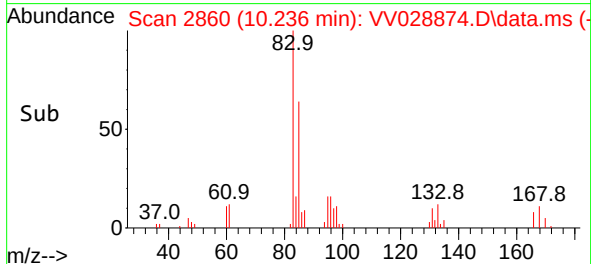
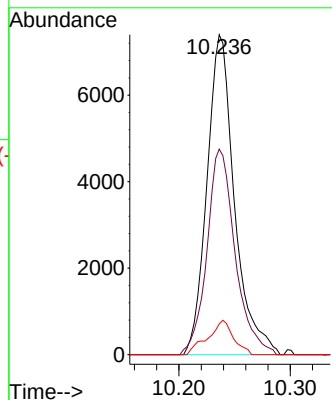
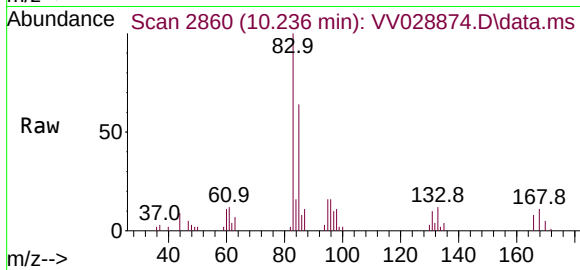




#57
1,1,2,2-Tetrachloroethane
Concen: 0.909 ug/L
RT: 10.236 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

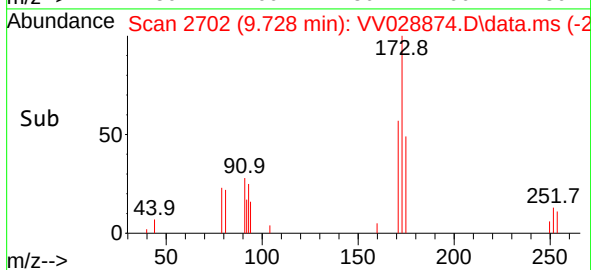
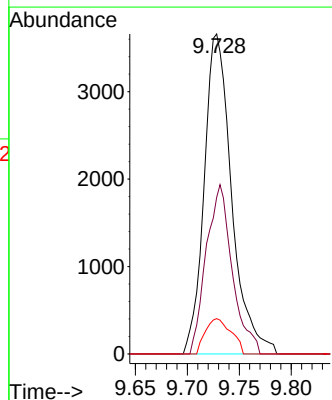
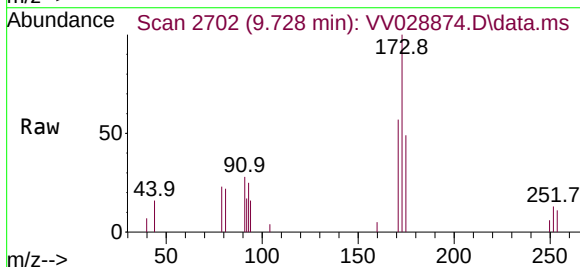
Instrument :
MSVOA_V
ClientSampleId :
VSTD001278

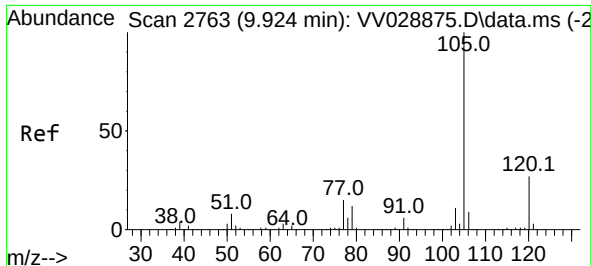
Tgt Ion: 83 Resp: 12701
Ion Ratio Lower Upper
83 100
85 64.3 45.2 84.0
131 9.6 7.5 11.3



#59
Bromoform
Concen: 0.925 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.003 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

Tgt Ion: 173 Resp: 6736
Ion Ratio Lower Upper
173 100
175 50.0 38.2 57.4
254 10.3 8.5 12.7

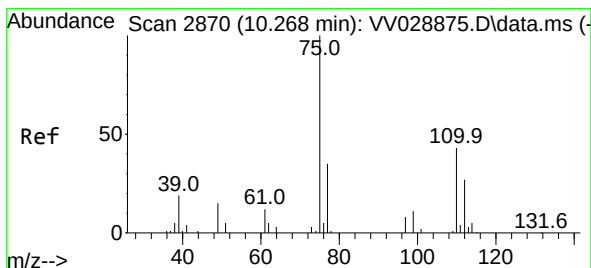
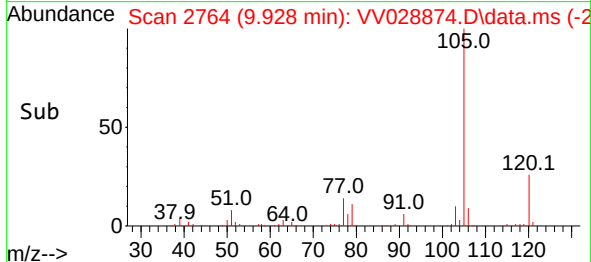
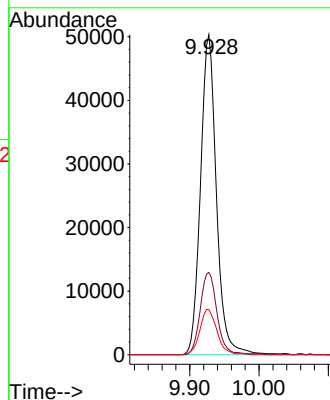
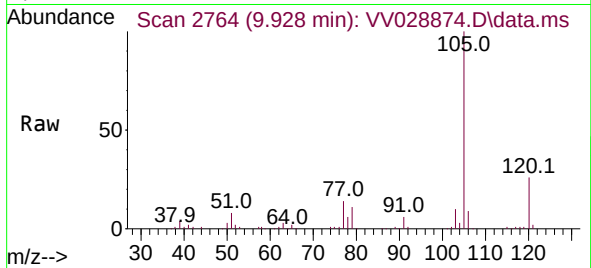




#60
Isopropylbenzene
Concen: 0.925 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

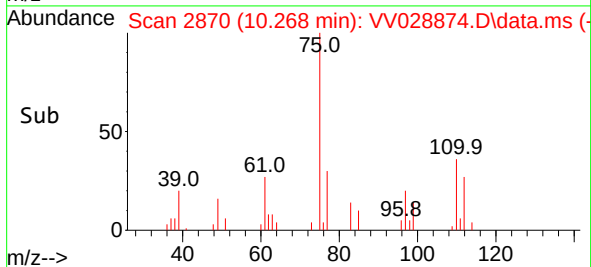
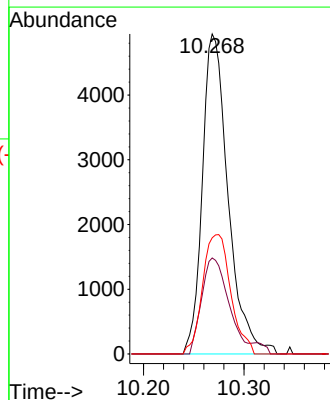
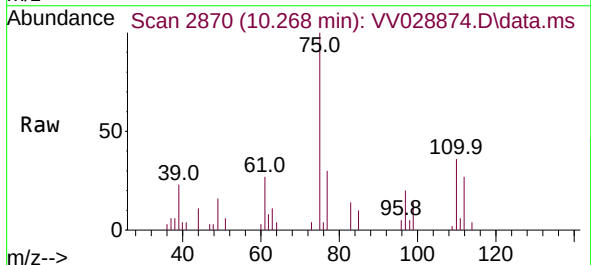
Instrument :
MSVOA_V
ClientSampleId :
VSTD001278

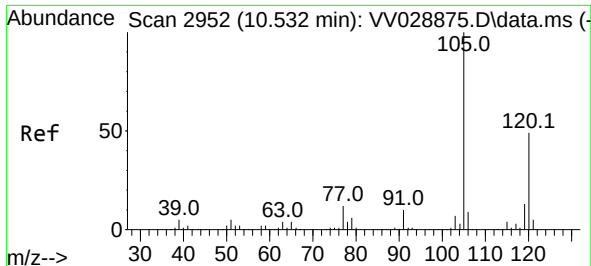
Tgt Ion:105 Resp: 80183
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 15.1 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 0.964 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.000 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

Tgt Ion: 75 Resp: 8795
Ion Ratio Lower Upper
75 100
77 31.7 26.2 39.2
110 40.7 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 0.886 ug/L

RT: 10.532 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

Instrument :

MSVOA_V

ClientSampleId :

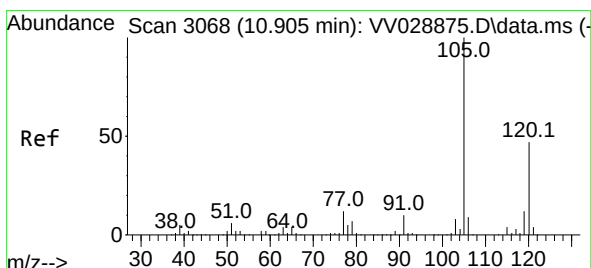
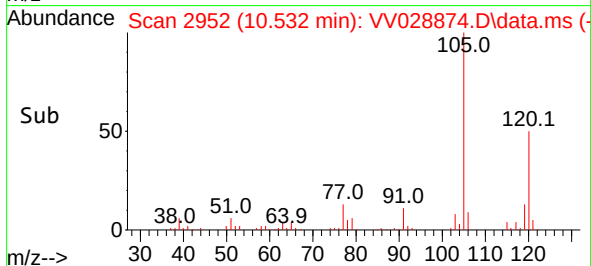
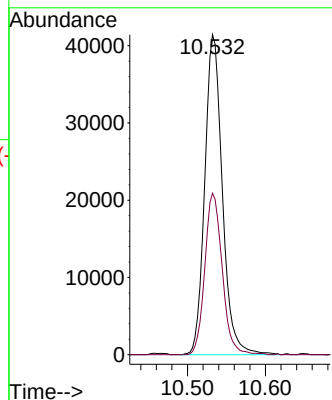
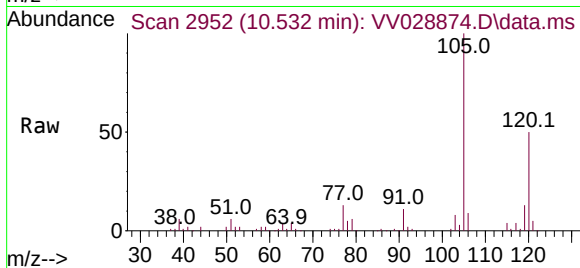
VSTD001278

Tgt Ion:105 Resp: 65046

Ion Ratio Lower Upper

105 100

120 49.8 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 0.893 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.003 min

Lab File: VV028874.D

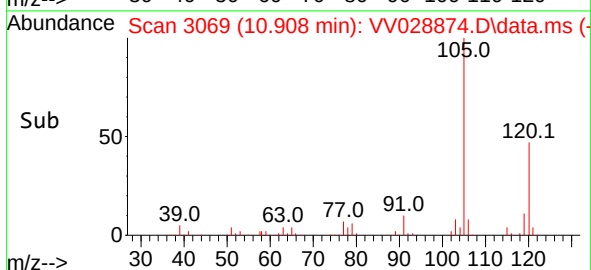
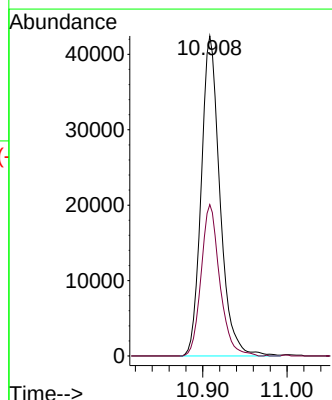
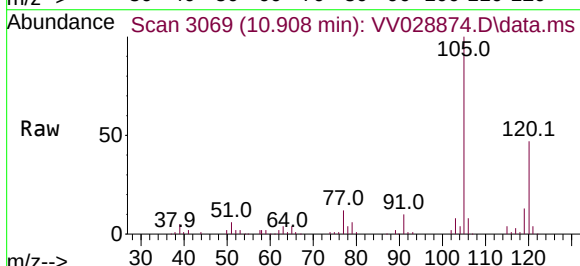
Acq: 11 Nov 2022 13:54

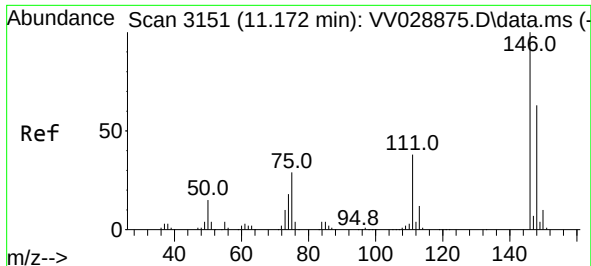
Tgt Ion:105 Resp: 65690

Ion Ratio Lower Upper

105 100

120 47.1 37.8 56.8

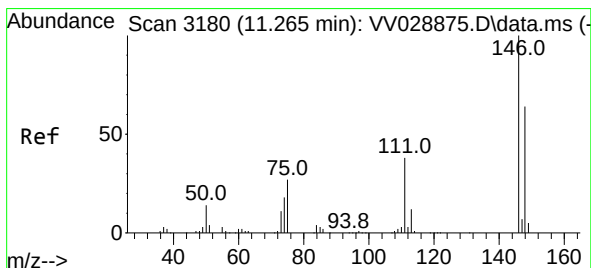
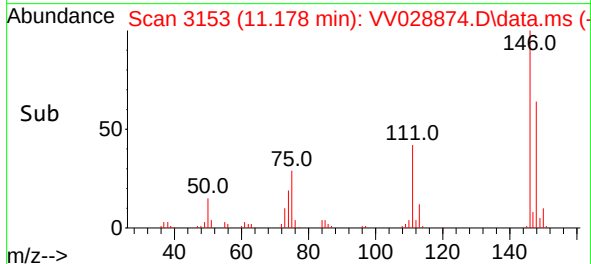
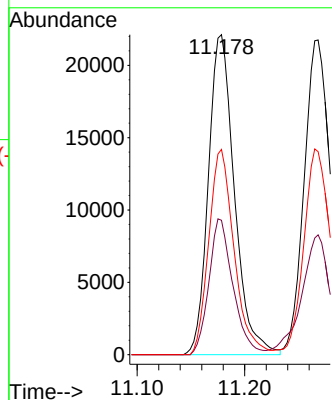
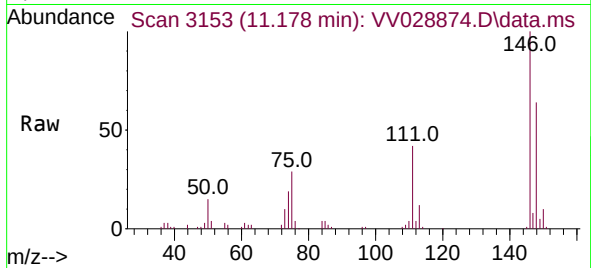




#64
1,3-Dichlorobenzene
Concen: 0.915 ug/L
RT: 11.178 min Scan# 3151
Delta R.T. 0.007 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

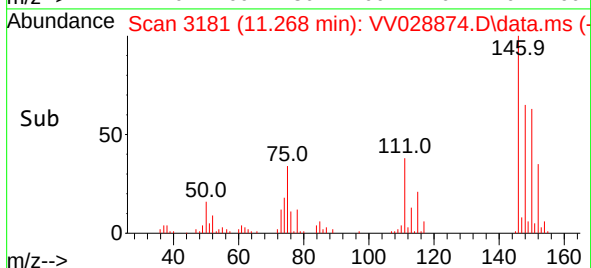
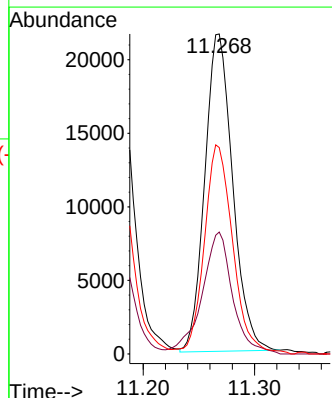
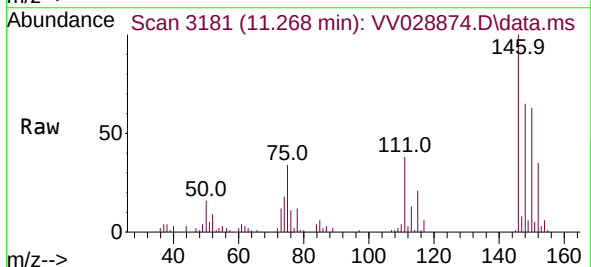
Instrument :
MSVOA_V
ClientSampleId :
VSTD001278

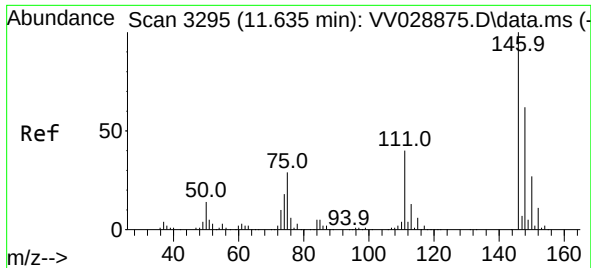
Tgt Ion:146 Resp: 37273
Ion Ratio Lower Upper
146 100
111 42.0 26.9 50.1
148 64.2 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 0.917 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.003 min
Lab File: VV028874.D
Acq: 11 Nov 2022 13:54

Tgt Ion:146 Resp: 37532
Ion Ratio Lower Upper
146 100
111 38.1 26.5 49.3
148 64.5 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 0.931 ug/L

RT: 11.638 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD001278

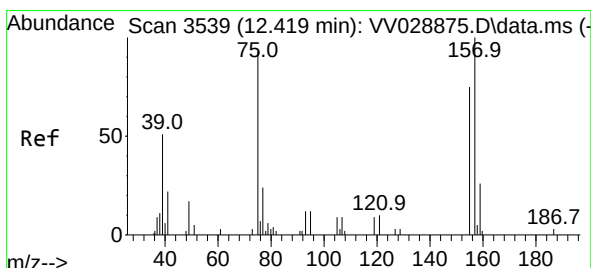
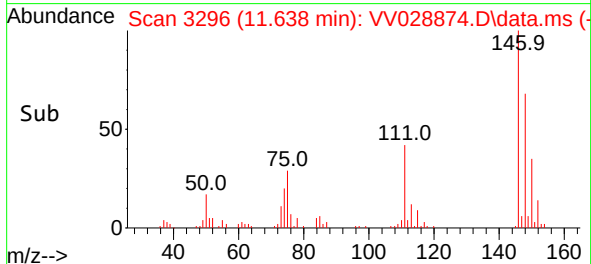
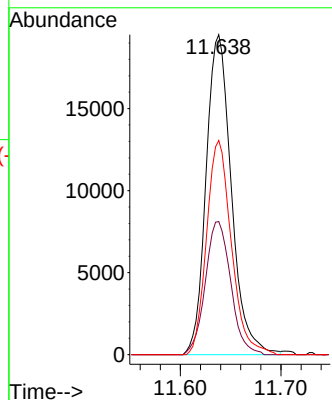
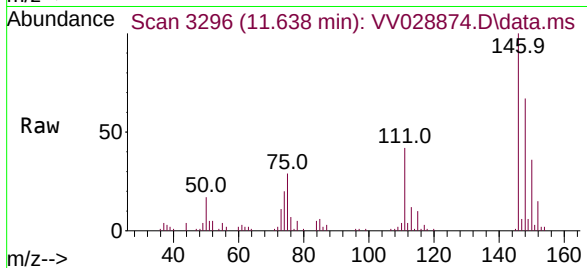
Tgt Ion:146 Resp: 34082

Ion Ratio Lower Upper

146 100

111 41.6 32.4 48.6

148 67.0 49.4 74.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.825 ug/L

RT: 12.423 min Scan# 3540

Delta R.T. 0.003 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

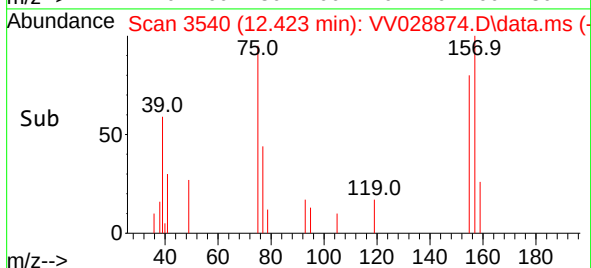
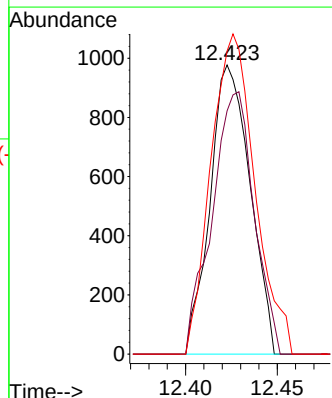
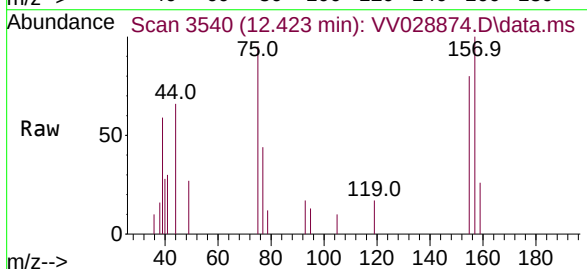
Tgt Ion: 75 Resp: 1482

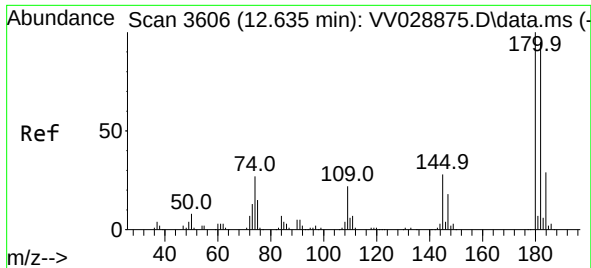
Ion Ratio Lower Upper

75 100

155 84.1 64.8 97.2

157 104.8 86.3 129.5

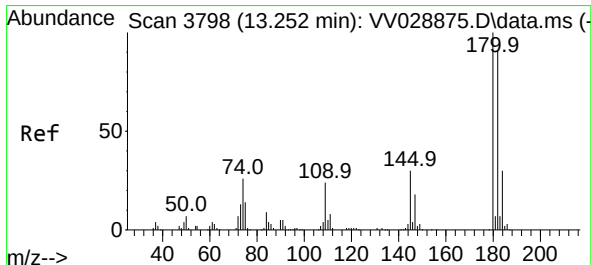
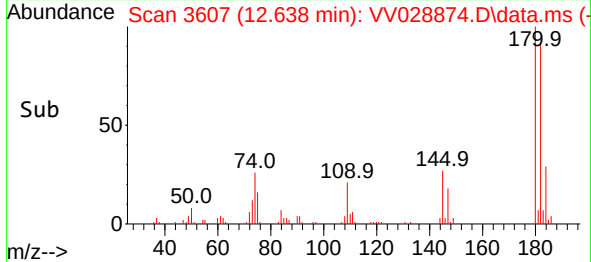
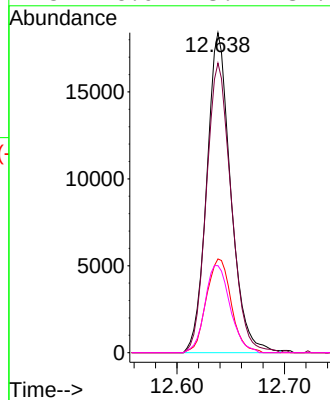
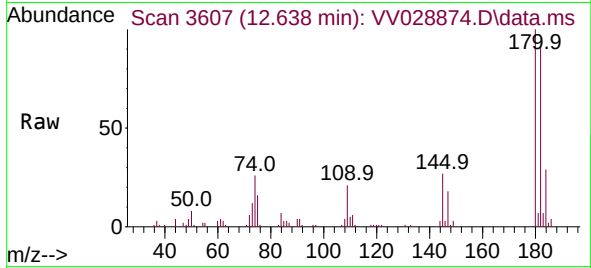




#69
 1,3,5-Trichlorobenzene
 Concen: 0.910 ug/L
 RT: 12.638 min Scan# 3606
 Delta R.T. 0.003 min
 Lab File: VV028874.D
 Acq: 11 Nov 2022 13:54

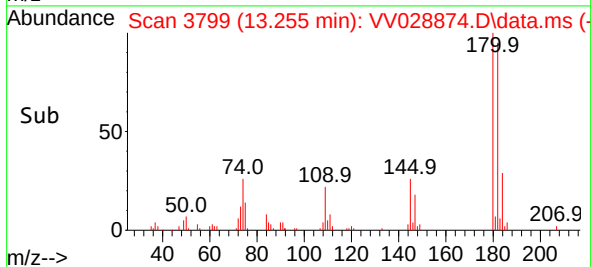
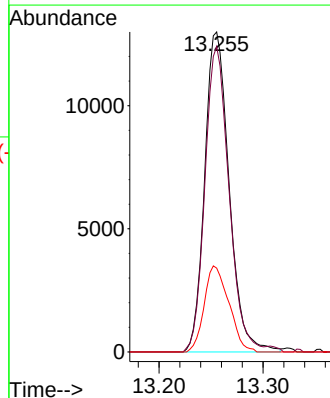
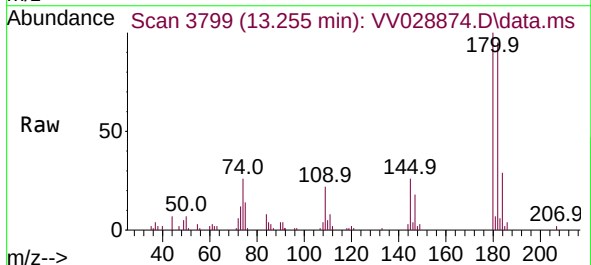
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001278

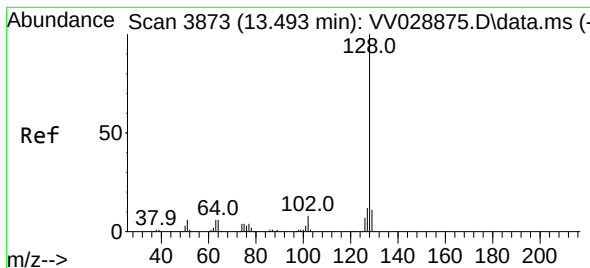
Tgt Ion:180	Resp:	28593
Ion Ratio	Lower	Upper
180	100	
182	93.2	76.7 115.1
184	30.3	24.0 36.0
145	28.6	23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 0.894 ug/L
 RT: 13.255 min Scan# 3799
 Delta R.T. 0.003 min
 Lab File: VV028874.D
 Acq: 11 Nov 2022 13:54

Tgt Ion:180	Resp:	21251
Ion Ratio	Lower	Upper
180	100	
182	93.7	74.3 111.5
145	27.1	23.7 35.5





#71

Naphthalene

Concen: 0.764 ug/L

RT: 13.500 min Scan# 3948

Delta R.T. 0.007 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD001278

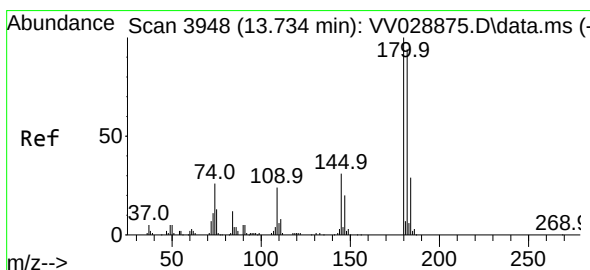
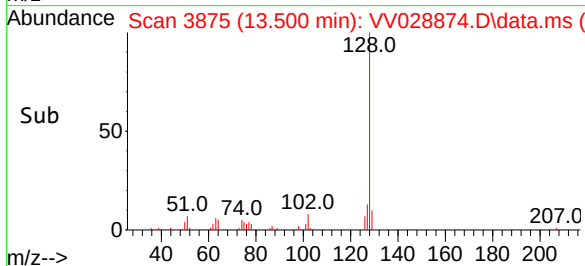
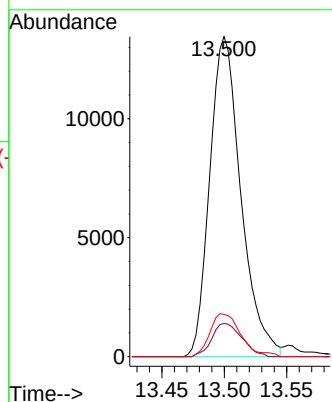
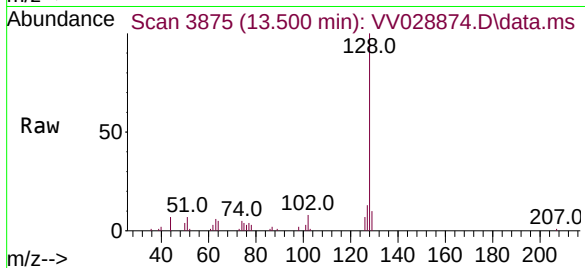
Tgt Ion:128 Resp: 23423

Ion Ratio Lower Upper

128 100

129 10.0 8.8 13.2

127 13.3 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 0.854 ug/L

RT: 13.738 min Scan# 3949

Delta R.T. 0.003 min

Lab File: VV028874.D

Acq: 11 Nov 2022 13:54

Tgt Ion:180 Resp: 17191

Ion Ratio Lower Upper

180 100

182 93.5 75.4 113.2

145 29.8 24.9 37.3

