

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028269.D
 Acq On : 03 Oct 2022 10:26
 Operator : SY/MD
 Sample : VSTD0.552
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5252

Quant Time: Oct 04 01:52:16 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	5.606	114	185362	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	182969	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	91736	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	6680	0.348	ug/L	0.00
7) Chloroethane-d5	1.565	69	5808	0.380	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.102	63	12129	0.364	ug/L	0.00
20) 2-Butanone-d5	3.976	46	351	0.108	ug/L	0.09
24) Chloroform-d	4.343	84	10282	0.335	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	5271	0.361	ug/L	0.00
32) Benzene-d6	5.043	84	21372	0.356	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	6533	0.349	ug/L	0.00
41) Toluene-d8	7.314	98	19493	0.359	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	2237	0.331	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	8236	2.921	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.211	84	4925	0.385	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	7776	0.432	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	6566	0.474	ug/L	95
3) Chloromethane	1.237	50	6494	0.354	ug/L	97
5) Vinyl chloride	1.304	62	6714	0.467	ug/L	89
6) Bromomethane	1.516	94	3659	0.391	ug/L	99
8) Chloroethane	1.577	64	10408	1.080	ug/L #	61
9) Trichlorofluoromethane	1.748	101	9930	0.435	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	5767	0.438	ug/L	96
12) 1,1-Dichloroethene	2.111	96	5596	0.437	ug/L	72
14) Carbon disulfide	2.285	76	19046	0.775	ug/L	99
16) Methylene chloride	2.500	84	7471	0.522	ug/L	92
17) Methyl tert-butyl Ether	2.764	73	10685	0.388	ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	5759	0.514	ug/L	92
19) 1,1-Dichloroethane	3.185	63	9222	0.377	ug/L	96
22) cis-1,2-Dichloroethene	3.909	96	5494	0.373	ug/L	86
23) Bromochloromethane	4.246	128	2458	0.417	ug/L #	77
25) Chloroform	4.368	83	11034	0.420	ug/L	97
27) 1,2-Dichloroethane	5.134	62	5655	0.404	ug/L	97
29) 1,1,1-Trichloroethane	4.597	97	9611	0.428	ug/L	95
30) Cyclohexane	4.667	56	7120	0.438	ug/L	85
31) Carbon tetrachloride	4.815	117	8604	0.465	ug/L	100
33) Benzene	5.095	78	22331	0.440	ug/L	100
34) Trichloroethene	5.912	95	5728	0.453	ug/L	91
35) Methylcyclohexane	6.121	83	8599	0.496	ug/L	90
37) 1,2-Dichloropropane	6.169	63	5462	0.383	ug/L	98
38) Bromodichloromethane	6.506	83	7743	0.440	ug/L #	99
39) cis-1,3-Dichloropropene	7.027	75	6598	0.373	ug/L	94
40) 4-Methyl-2-pentanone	7.227	43	21293	3.078	ug/L #	94
42) Toluene	7.384	91	21750	0.410	ug/L	97
44) trans-1,3-Dichloropropene	7.658	75	6252	0.411	ug/L	93
45) 1,1,2-Trichloroethane	7.841	97	4079	0.427	ug/L	92
47) Tetrachloroethene	7.973	164	4888	0.484	ug/L	82
49) Dibromochloromethane	8.243	129	5000	0.436	ug/L	87

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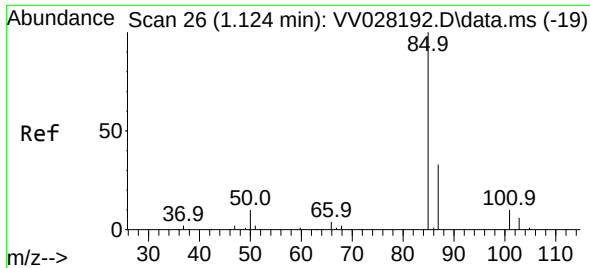
Instrument :
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 VSTD0.5252

Quant Time: Oct 04 01:52:16 2022
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 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)

50) 1,2-Dibromoethane	8.352	107	3425	0.413	ug/L #	92
51) Chlorobenzene	8.876	112	16169	0.455	ug/L	93
52) Ethylbenzene	9.008	91	22024	0.393	ug/L	95
53) m,p-Xylene	9.140	106	8501	0.396	ug/L	95
54) o-Xylene	9.542	106	8243	0.388	ug/L	90
55) Styrene	9.561	104	13428	0.365	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.239	83	4195	0.377	ug/L #	90
59) Bromoform	9.728	173	2851	0.489	ug/L	98
60) Isopropylbenzene	9.928	105	21743	0.404	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	2968	0.386	ug/L	92
62) 1,3,5-Trimethylbenzene	10.535	105	6261	0.413	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	17120	0.404	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	11273	0.421	ug/L	95
65) 1,4-Dichlorobenzene	11.268	146	12047	0.449	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.423	75	691	0.410	ug/L #	74
69) 1,3,5-Trichlorobenzene	12.641	180	9313	0.439	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	6615	0.390	ug/L	86
71) Naphthalene	13.503	128	12597	0.454	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	6390	0.417	ug/L	97

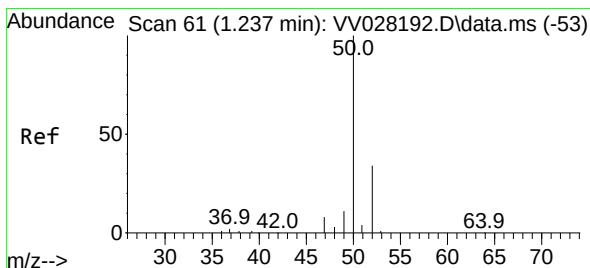
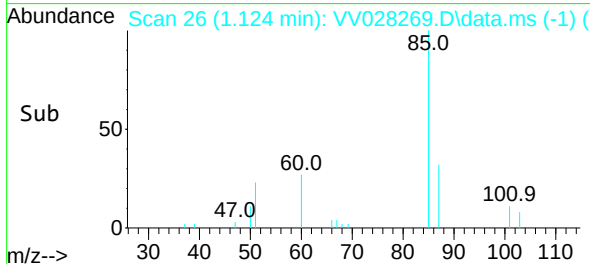
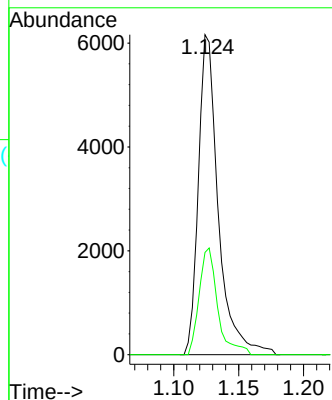
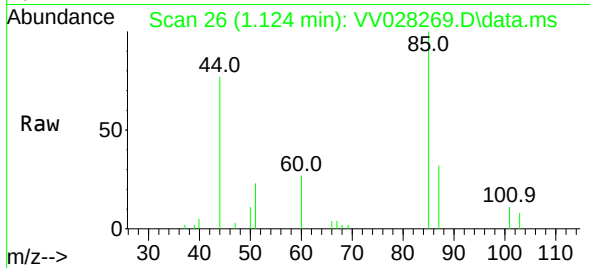
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.474 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: VV028269.D
 Acq: 03 Oct 2022 10:26

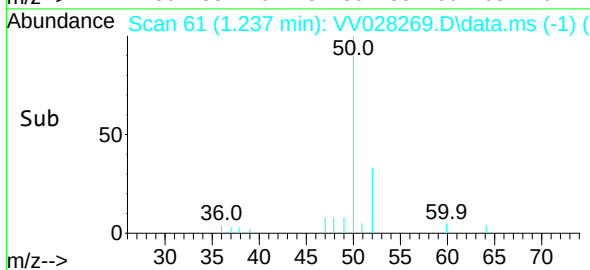
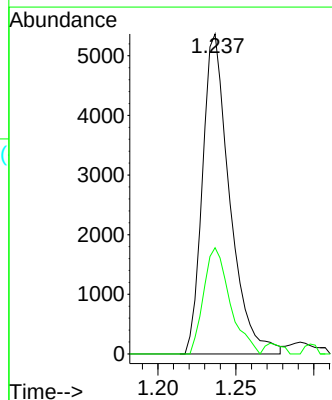
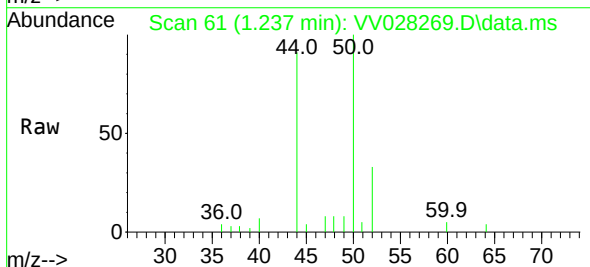
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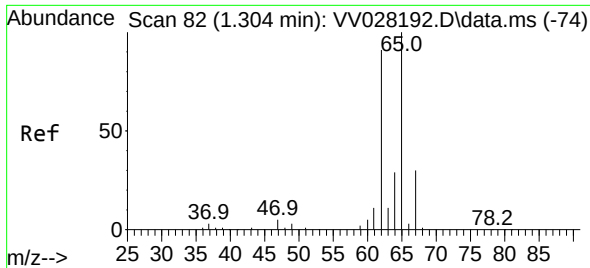
Tgt Ion: 85 Resp: 6566
 Ion Ratio Lower Upper
 85 100
 87 31.0 22.8 34.2



#3
 Chloromethane
 Concen: 0.354 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028269.D
 Acq: 03 Oct 2022 10:26

Tgt Ion: 50 Resp: 6494
 Ion Ratio Lower Upper
 50 100
 52 33.2 24.4 45.2

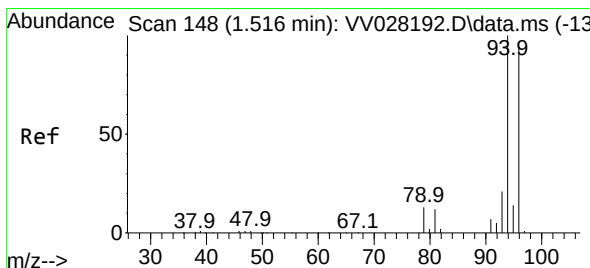
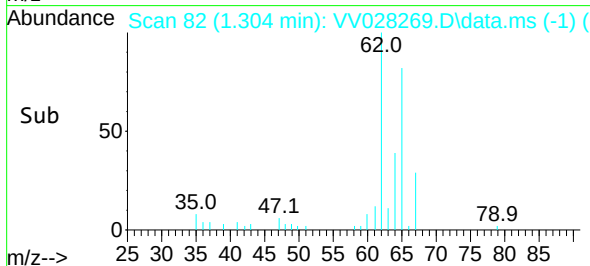
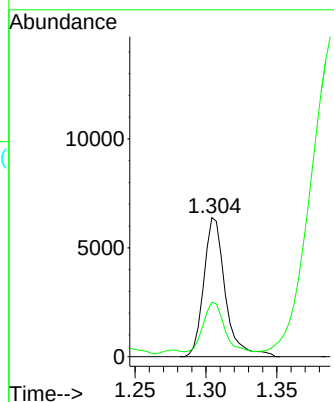
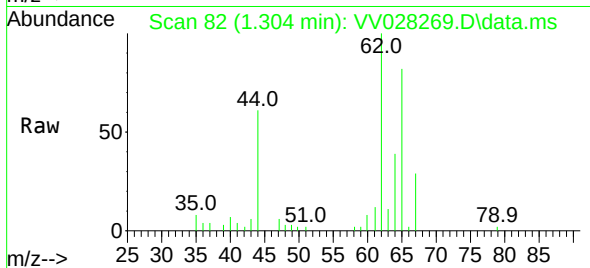




#5
 Vinyl chloride
 Concen: 0.467 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028269.D
 Acq: 03 Oct 2022 10:26

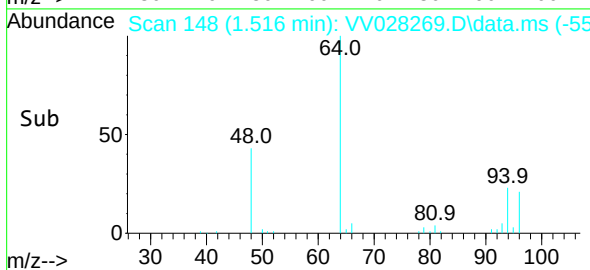
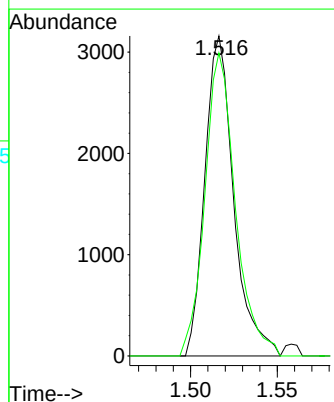
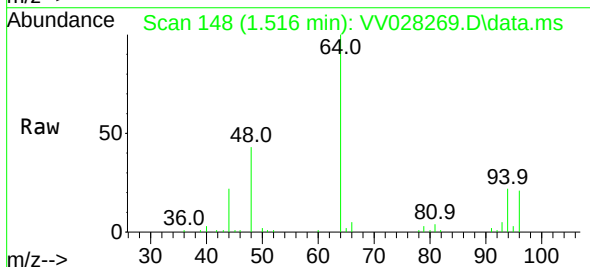
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 ClientSampleId :
 VSTD0.5252

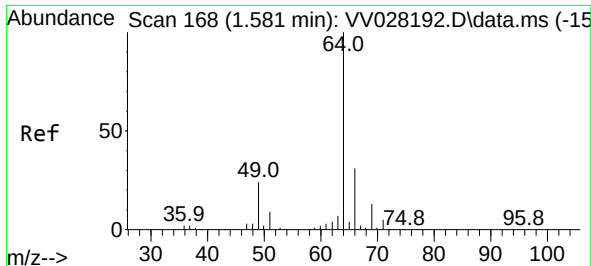
Tgt Ion: 62 Resp: 6714
 Ion Ratio Lower Upper
 62 100
 64 39.1 23.0 42.8



#6
 Bromomethane
 Concen: 0.391 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028269.D
 Acq: 03 Oct 2022 10:26

Tgt Ion: 94 Resp: 3659
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.7 123.9

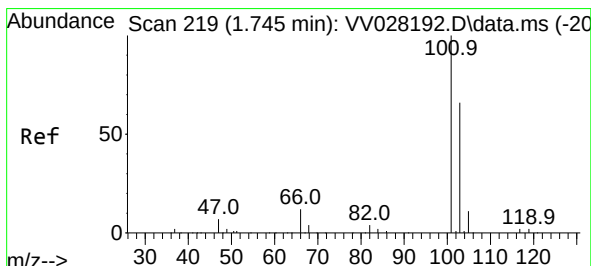
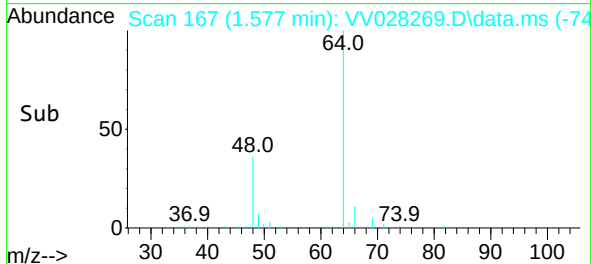
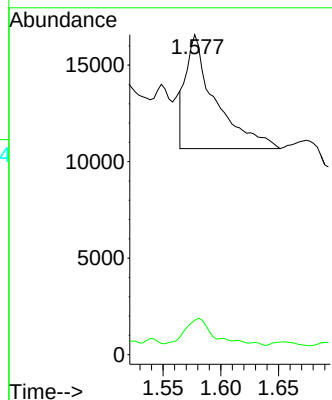
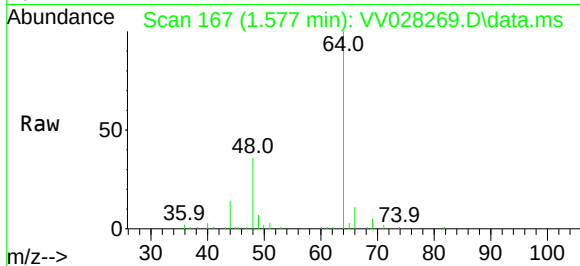




#8
Chloroethane
Concen: 1.080 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

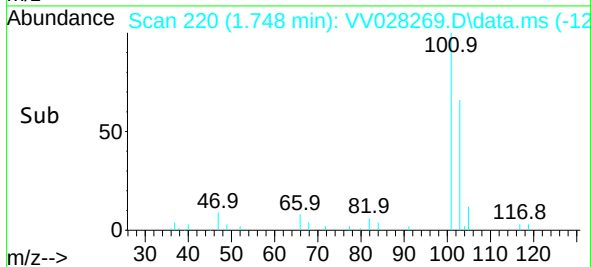
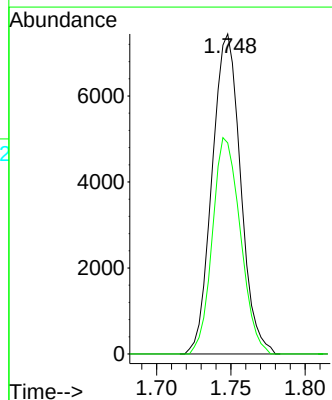
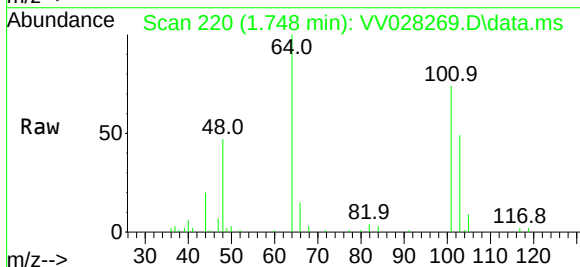
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MSVOA_V
ClientSampleId :
VSTD0.5252

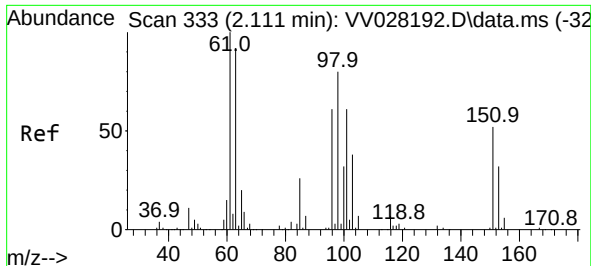
Tgt Ion: 64 Resp: 10408
Ion Ratio Lower Upper
64 100
66 10.8 23.0 42.8#



#9
Trichlorofluoromethane
Concen: 0.435 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

Tgt Ion:101 Resp: 9930
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.0

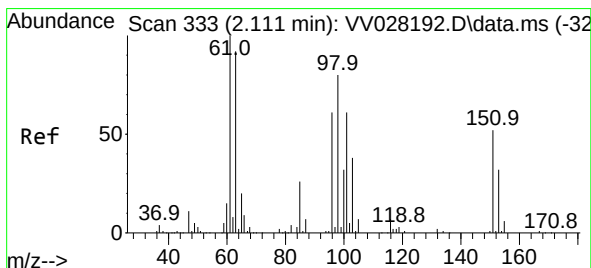
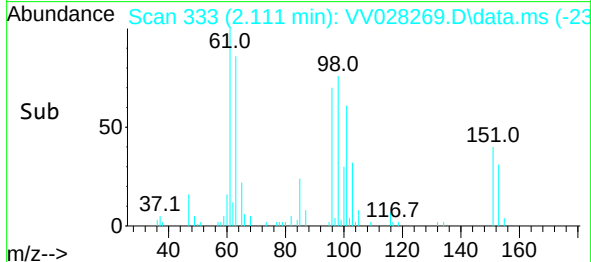
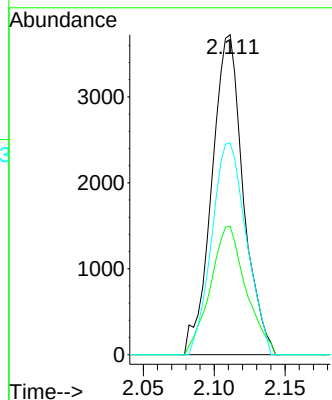
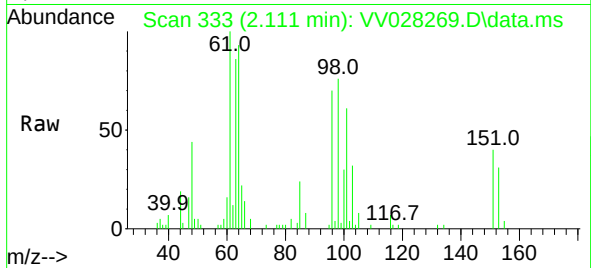




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.438 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV028269.D
 Acq: 03 Oct 2022 10:26

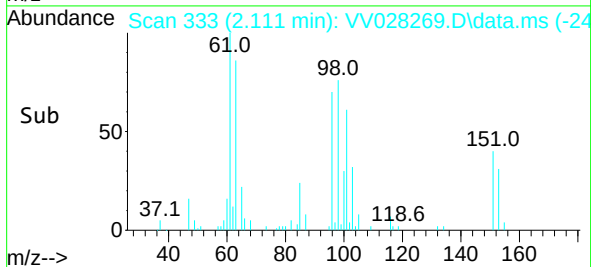
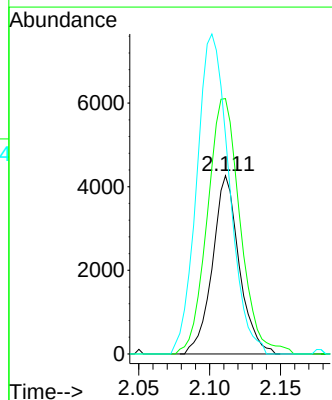
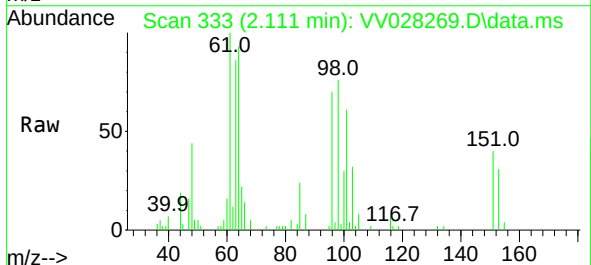
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 ClientSampleId :
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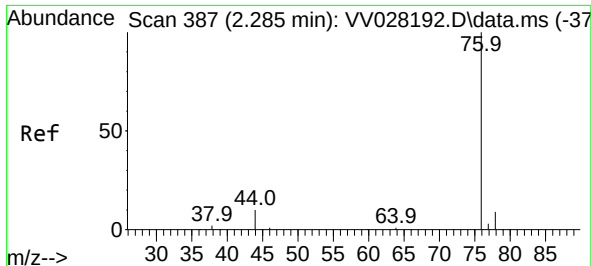
Tgt Ion:101 Resp: 5767
 Ion Ratio Lower Upper
 101 100
 85 45.2 34.4 51.6
 151 72.6 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 0.437 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV028269.D
 Acq: 03 Oct 2022 10:26

Tgt Ion: 96 Resp: 5596
 Ion Ratio Lower Upper
 96 100
 61 143.2 128.3 238.3
 63 122.7 112.7 209.3





#14

Carbon disulfide

Concen: 0.775 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV028269.D

Acq: 03 Oct 2022 10:26

Instrument :

MSVOA_V

ClientSampleId :

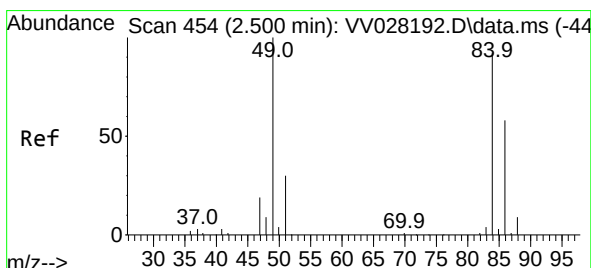
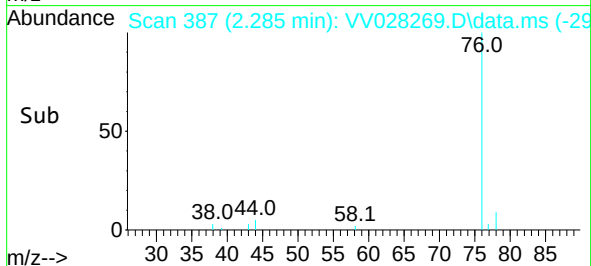
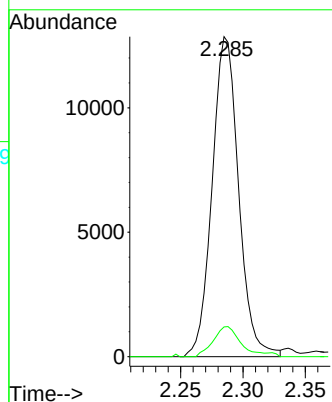
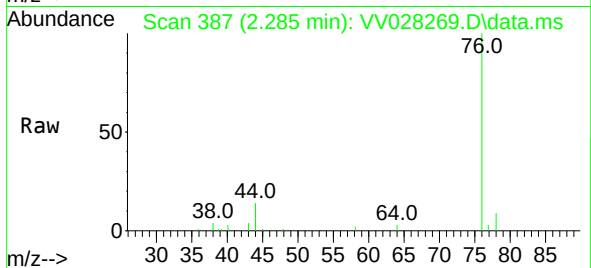
VSTD0.5252

Tgt Ion: 76 Resp: 19046

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4



#16

Methylene chloride

Concen: 0.522 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.000 min

Lab File: VV028269.D

Acq: 03 Oct 2022 10:26

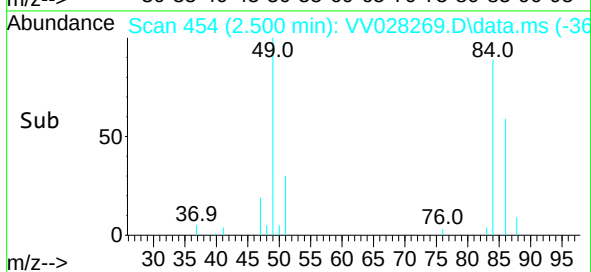
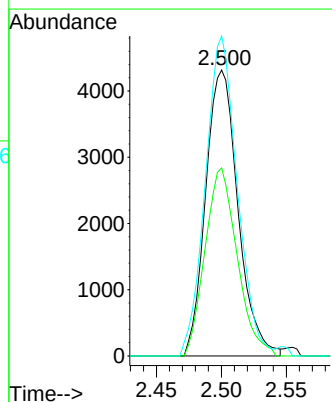
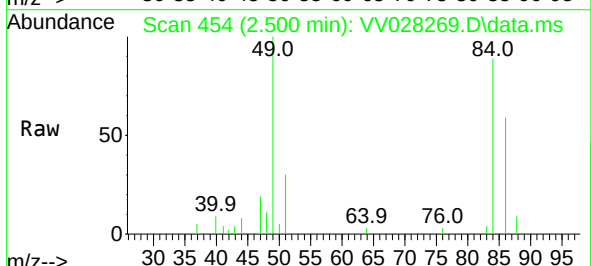
Tgt Ion: 84 Resp: 7471

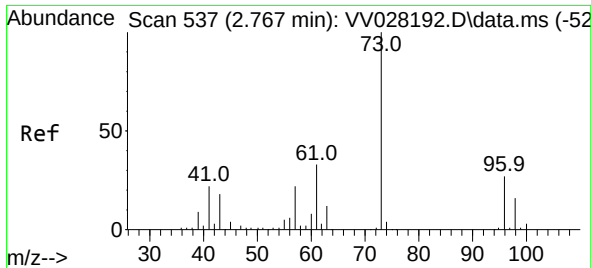
Ion Ratio Lower Upper

84 100

86 65.8 46.8 86.8

49 111.9 87.5 162.5

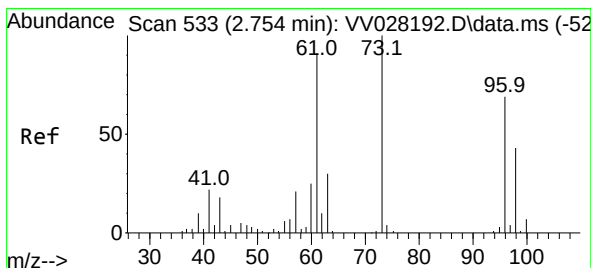
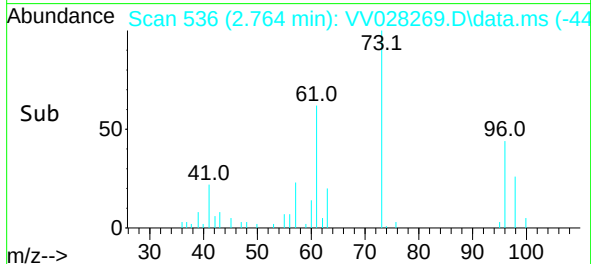
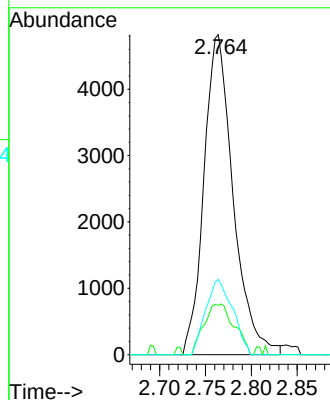
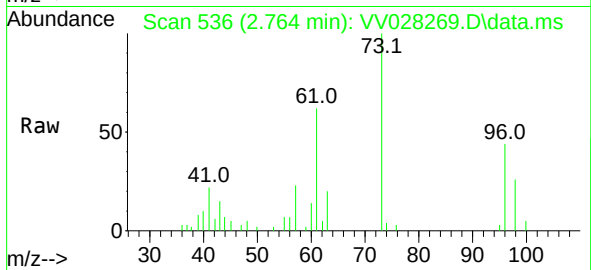




#17
Methyl tert-butyl Ether
Concen: 0.388 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

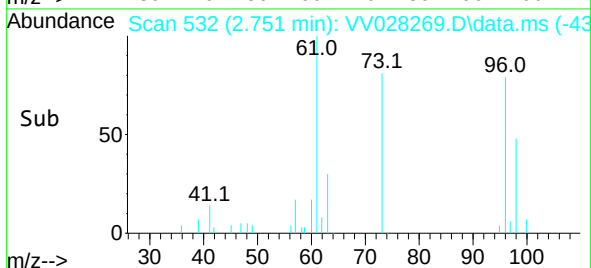
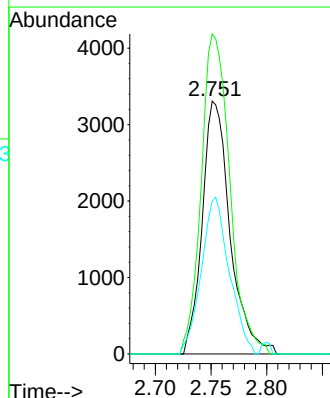
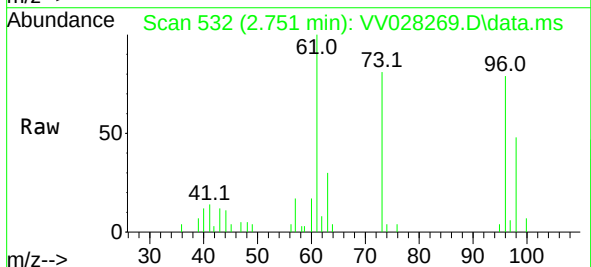
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ClientSampleId :
VSTD0.5252

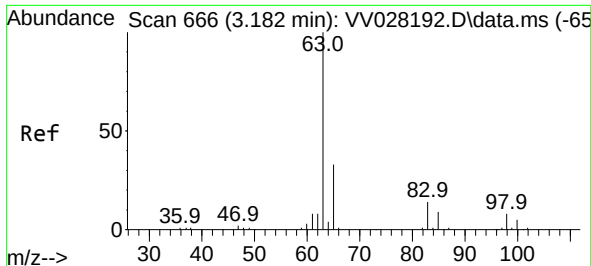
Tgt Ion: 73	Resp: 10685
Ion Ratio	Lower Upper
73 100	
43 16.3	15.7 23.5
57 21.7	17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 0.514 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

Tgt Ion: 96	Resp: 5759
Ion Ratio	Lower Upper
96 100	
61 126.6	96.2 178.6
98 60.4	45.7 84.9





#19

1,1-Dichloroethane

Concen: 0.377 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028269.D

Acq: 03 Oct 2022 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5252

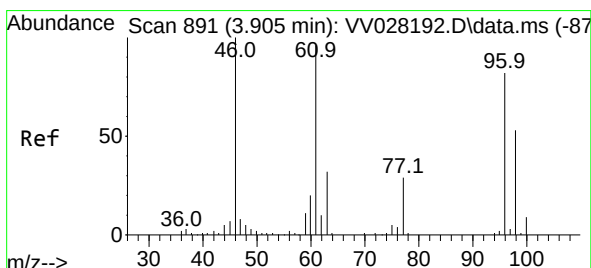
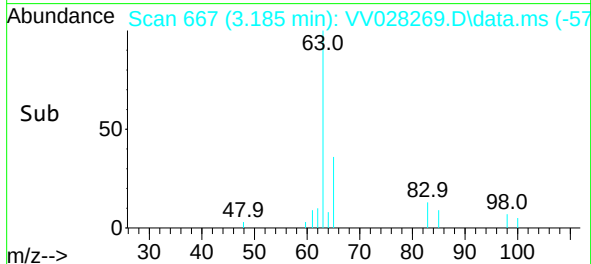
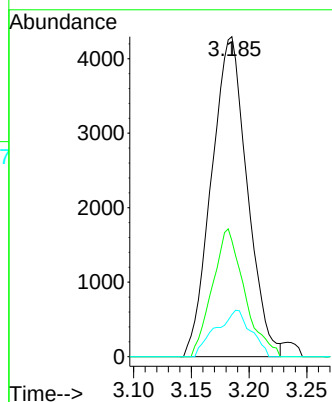
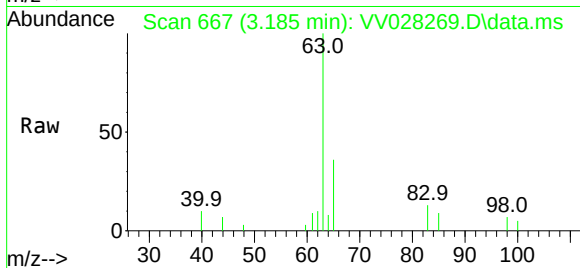
Tgt Ion: 63 Resp: 9222

Ion Ratio Lower Upper

63 100

65 36.3 23.0 42.8

83 13.1 9.2 17.2



#22

cis-1,2-Dichloroethene

Concen: 0.373 ug/L

RT: 3.909 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV028269.D

Acq: 03 Oct 2022 10:26

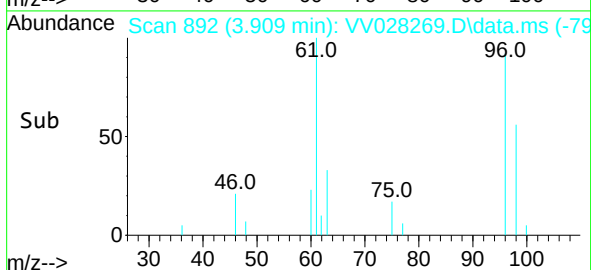
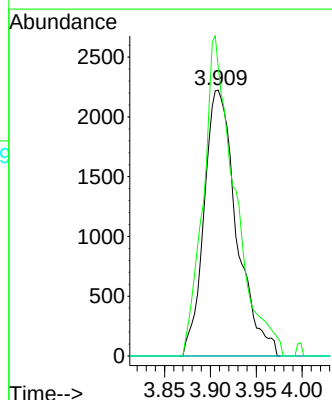
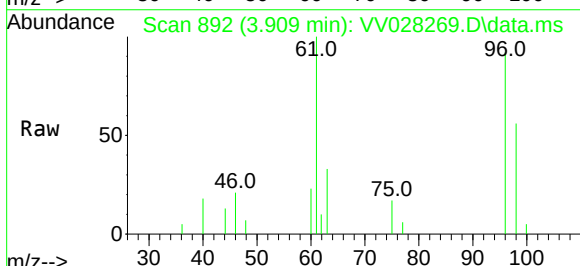
Tgt Ion: 96 Resp: 5494

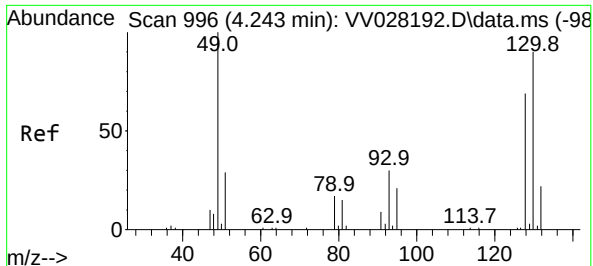
Ion Ratio Lower Upper

96 100

61 108.5 87.2 161.9

68 0.0 0.0 0.0





#23

Bromochloromethane

Concen: 0.417 ug/L

RT: 4.246 min Scan# 996

Delta R.T. 0.007 min

Lab File: VV028269.D

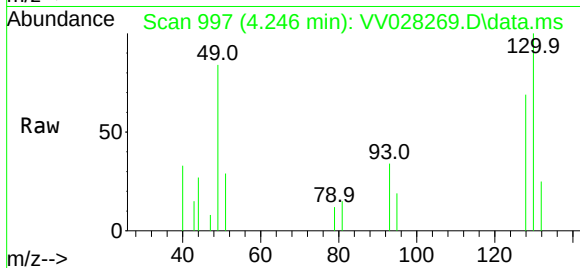
Acq: 03 Oct 2022 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5252



Tgt Ion:128 Resp: 2458

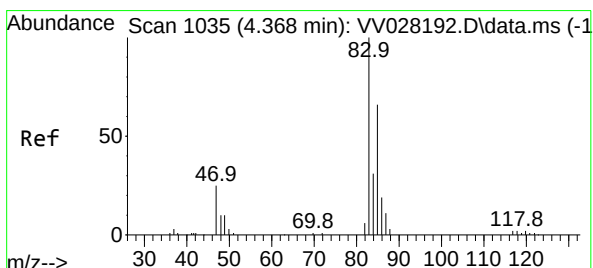
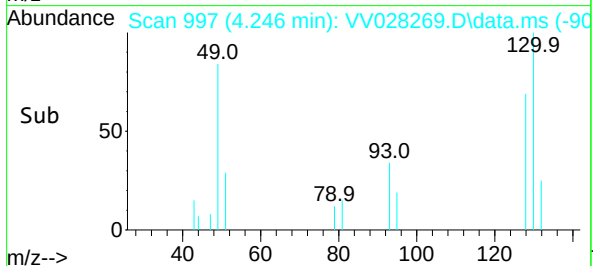
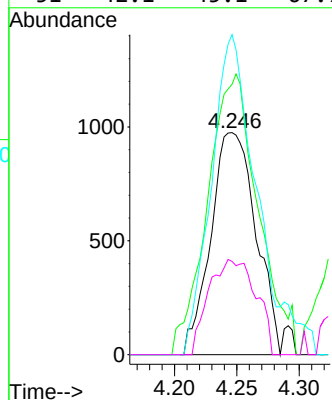
Ion Ratio Lower Upper

128 100

49 121.7 119.9 222.7

130 144.1 94.6 175.8

51 42.1 45.1 67.7#



#25

Chloroform

Concen: 0.420 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV028269.D

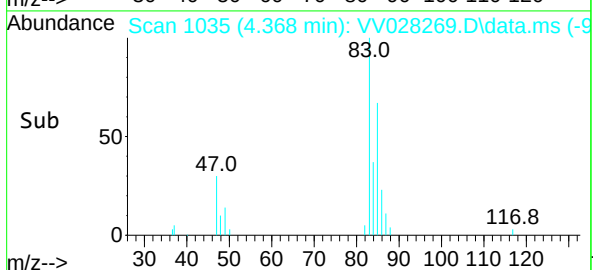
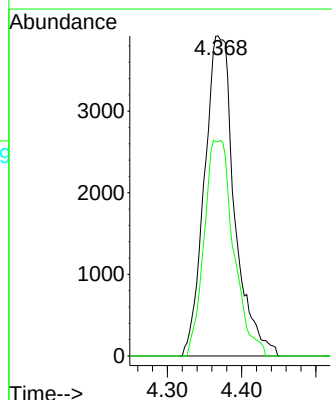
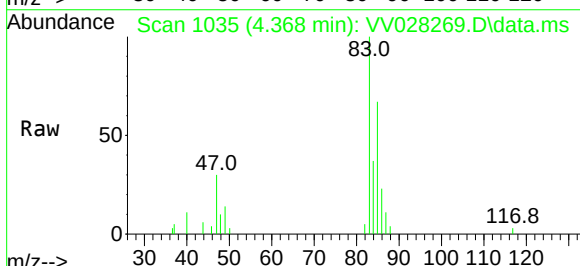
Acq: 03 Oct 2022 10:26

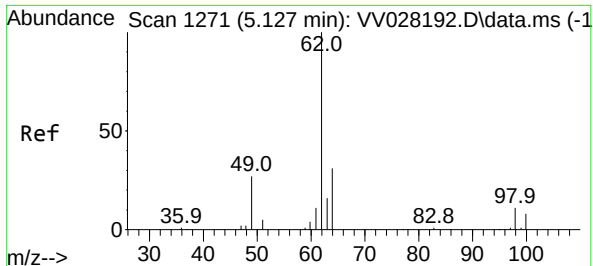
Tgt Ion: 83 Resp: 11034

Ion Ratio Lower Upper

83 100

85 67.0 45.1 83.7





#27

1,2-Dichloroethane

Concen: 0.404 ug/L

RT: 5.134 min Scan# 1107

Delta R.T. 0.007 min

Lab File: VV028269.D

Acq: 03 Oct 2022 10:26

Instrument :

MSVOA_V

ClientSampleId :

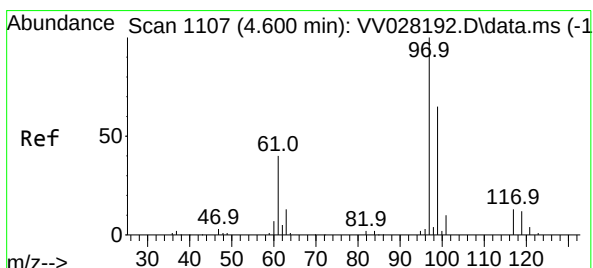
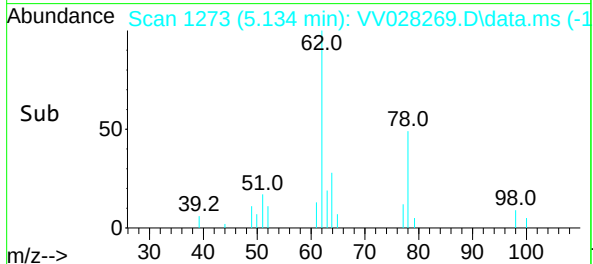
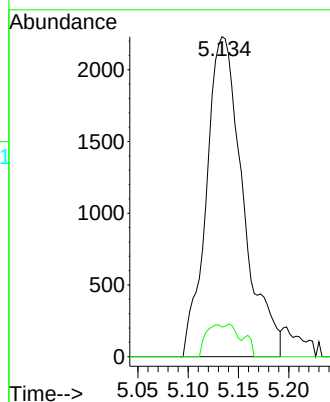
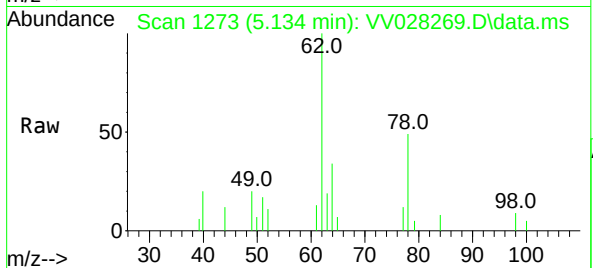
VSTD0.5252

Tgt Ion: 62 Resp: 5655

Ion Ratio Lower Upper

62 100

98 9.3 6.7 10.1



#29

1,1,1-Trichloroethane

Concen: 0.428 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV028269.D

Acq: 03 Oct 2022 10:26

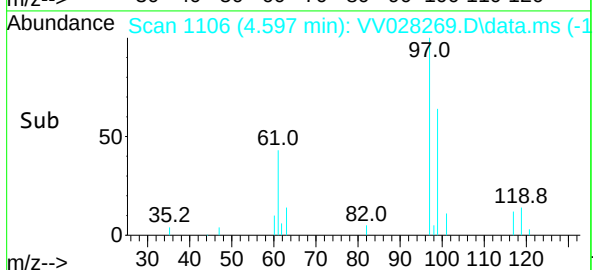
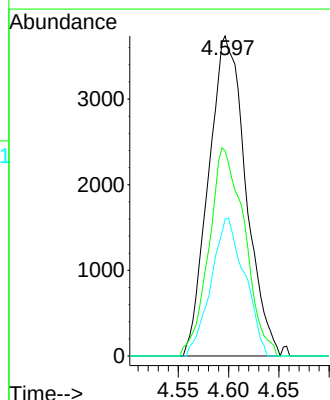
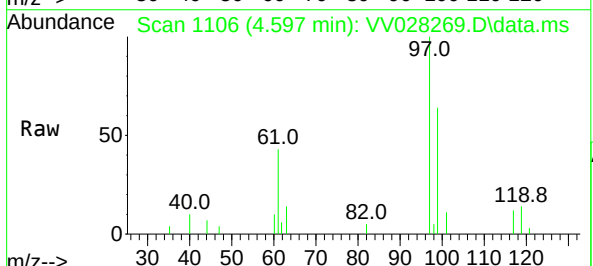
Tgt Ion: 97 Resp: 9611

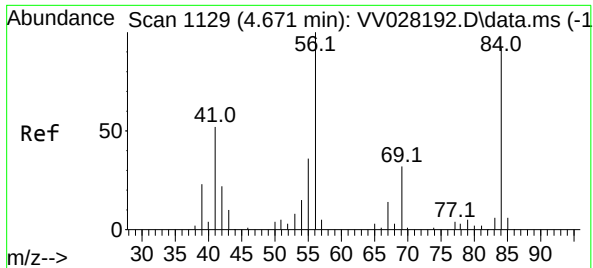
Ion Ratio Lower Upper

97 100

99 62.5 51.9 77.9

61 38.9 34.8 52.2

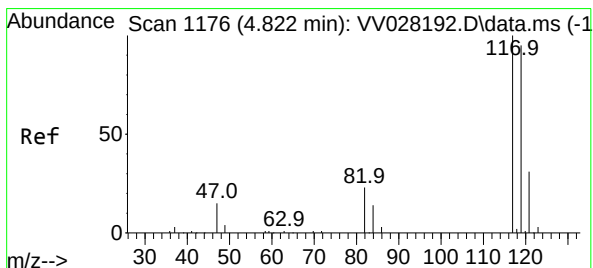
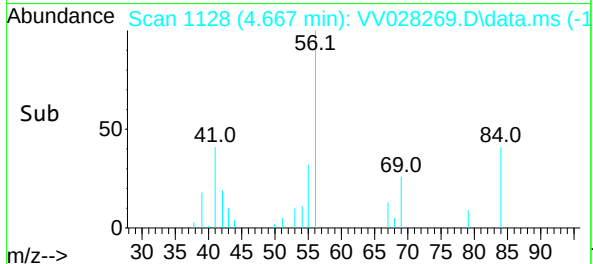
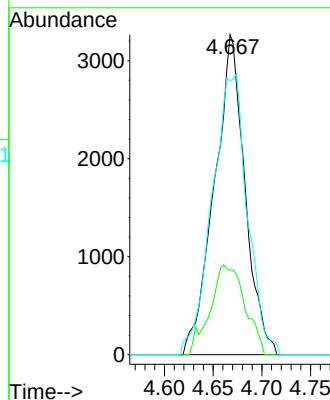
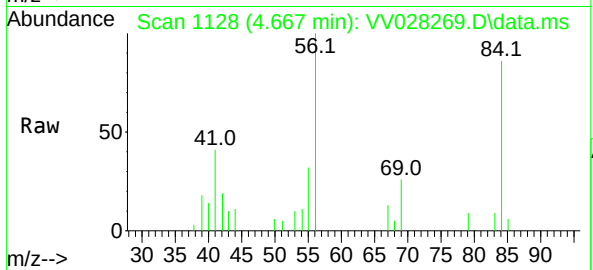




#30
Cyclohexane
Concen: 0.438 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

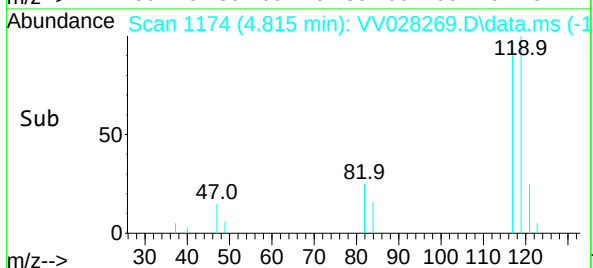
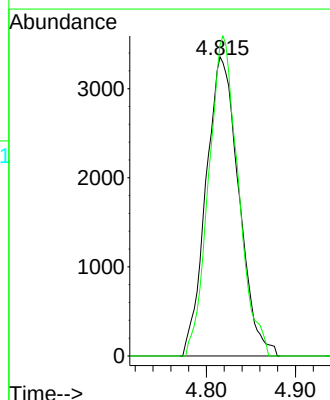
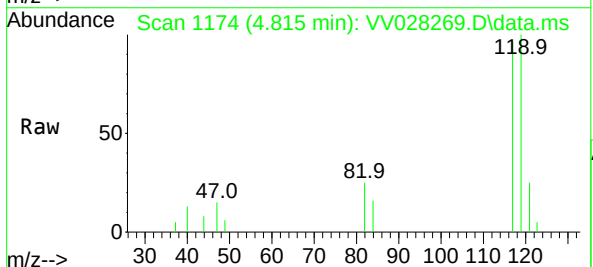
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5252

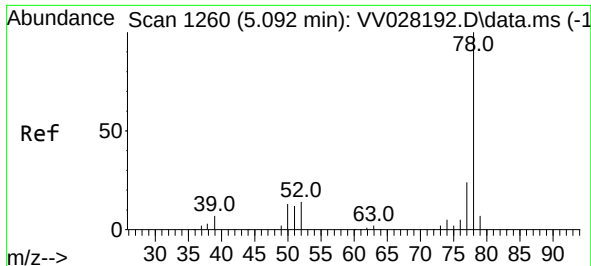
Tgt Ion: 56 Resp: 7120
Ion Ratio Lower Upper
56 100
69 31.8 23.7 35.5
84 100.7 67.3 100.9



#31
Carbon tetrachloride
Concen: 0.465 ug/L
RT: 4.815 min Scan# 1174
Delta R.T. -0.003 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

Tgt Ion: 117 Resp: 8604
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3

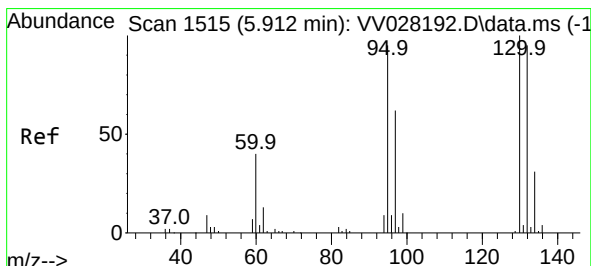
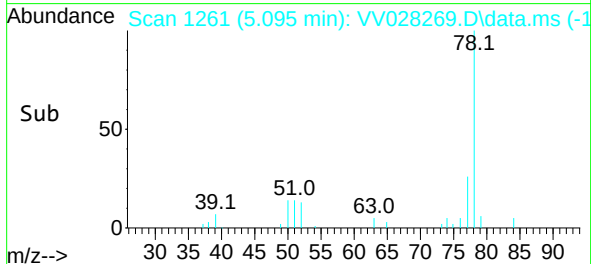
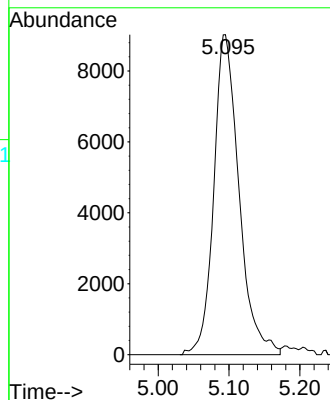
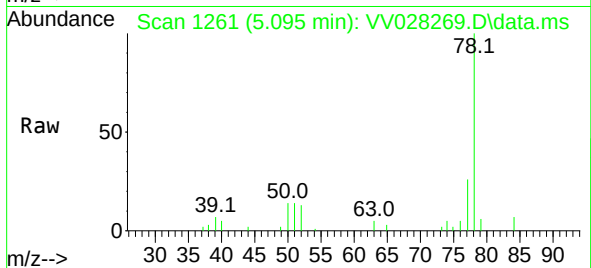




#33
Benzene
Concen: 0.440 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5252

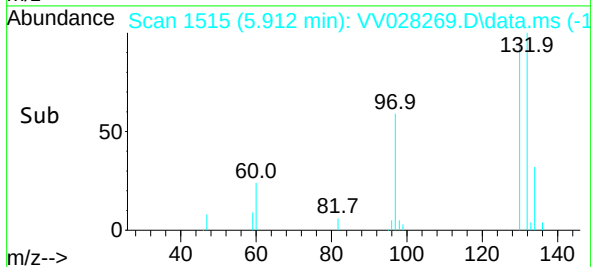
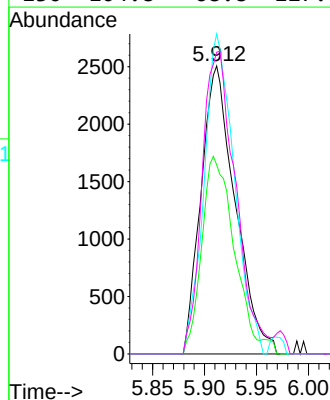
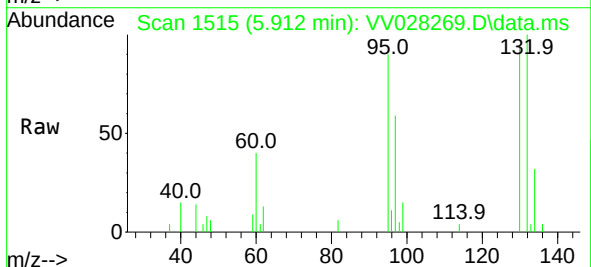
Tgt Ion: 78 Resp: 22331

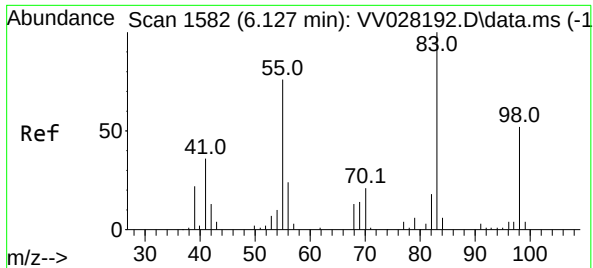


#34
Trichloroethene
Concen: 0.453 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

Tgt Ion: 95 Resp: 5728

Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.2	82.0
132	111.1	67.8	126.0
130	104.8	68.8	127.8

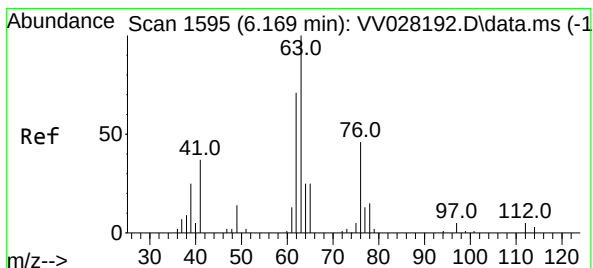
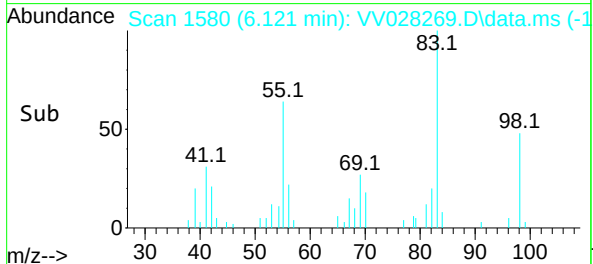
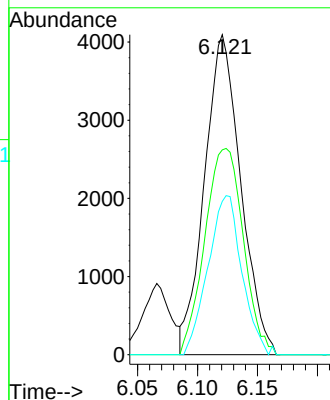
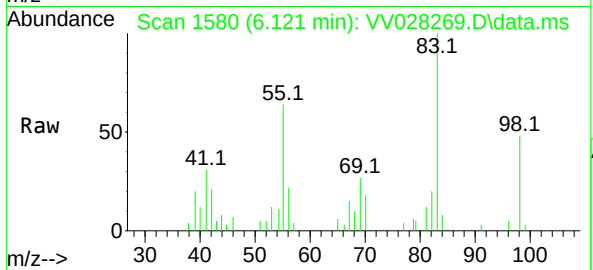




#35
Methylcyclohexane
Concen: 0.496 ug/L
RT: 6.121 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

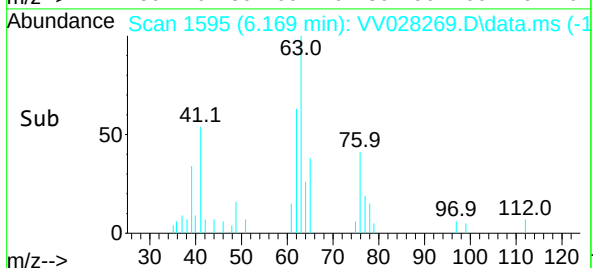
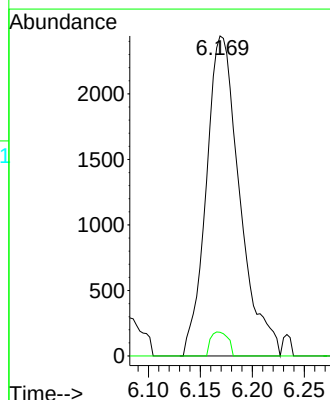
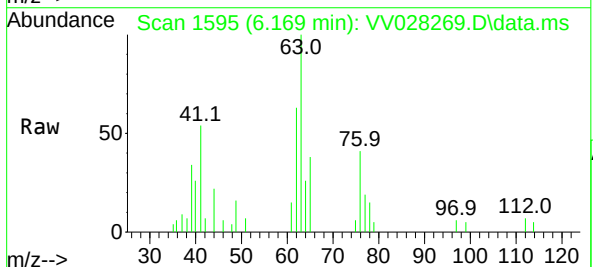
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5252

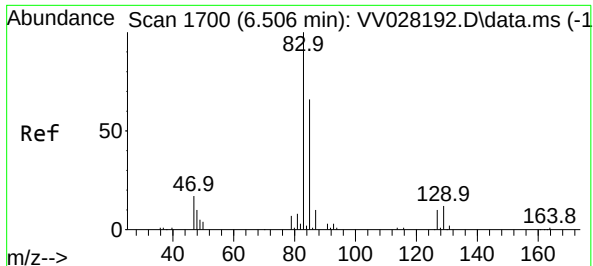
Tgt Ion: 83 Resp: 8599
Ion Ratio Lower Upper
83 100
55 68.5 64.7 97.1
98 46.5 39.5 59.3



#37
1,2-Dichloropropane
Concen: 0.383 ug/L
RT: 6.169 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

Tgt Ion: 63 Resp: 5462
Ion Ratio Lower Upper
63 100
112 3.9 3.5 5.3





#38

Bromodichloromethane

Concen: 0.440 ug/L

RT: 6.506 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028269.D

Acq: 03 Oct 2022 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5252

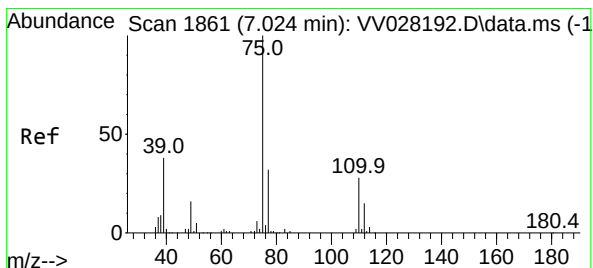
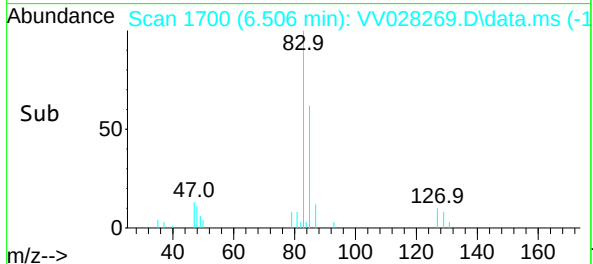
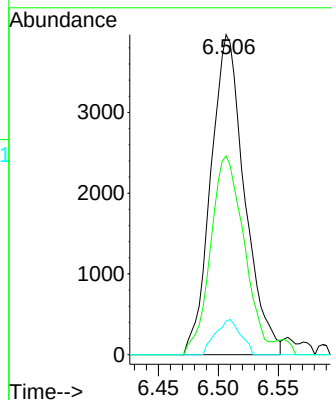
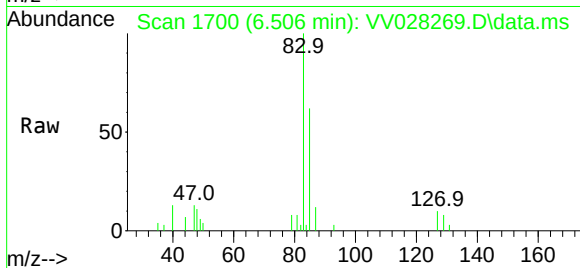
Tgt Ion: 83 Resp: 7743

Ion Ratio Lower Upper

83 100

85 62.1 43.8 81.4

127 10.5 6.3 9.5#



#39

cis-1,3-Dichloropropene

Concen: 0.373 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV028269.D

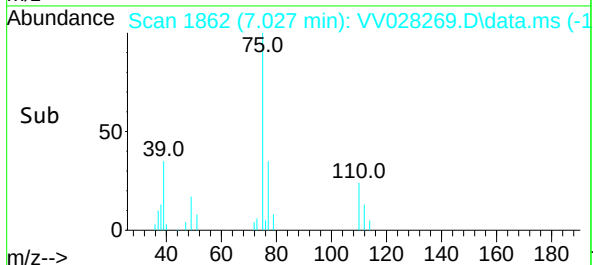
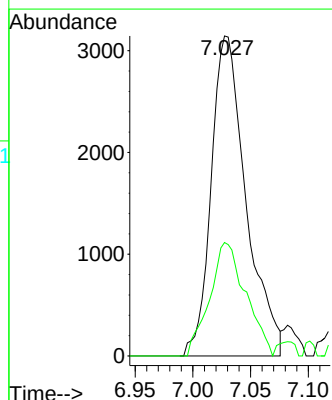
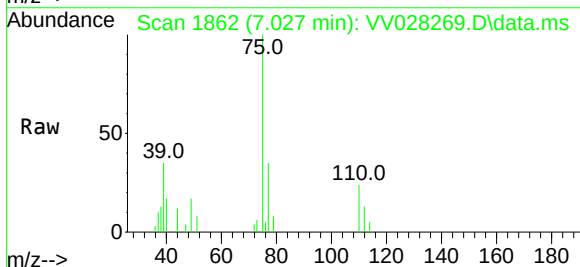
Acq: 03 Oct 2022 10:26

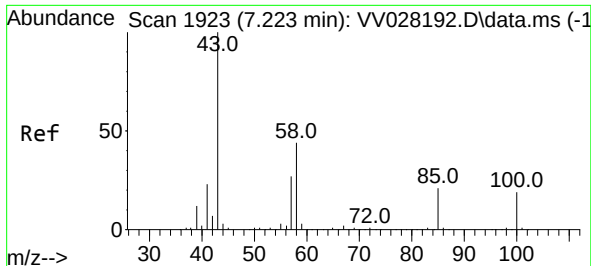
Tgt Ion: 75 Resp: 6598

Ion Ratio Lower Upper

75 100

77 35.5 22.4 41.6





#40

4-Methyl-2-pentanone

Concen: 3.078 ug/L

RT: 7.227 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028269.D

Acq: 03 Oct 2022 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5252

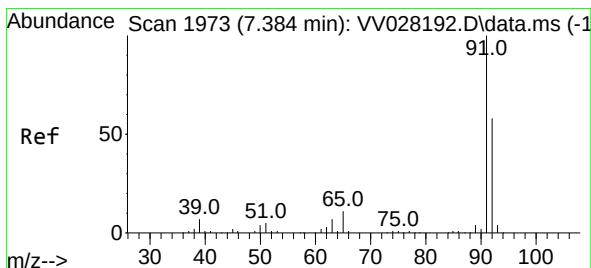
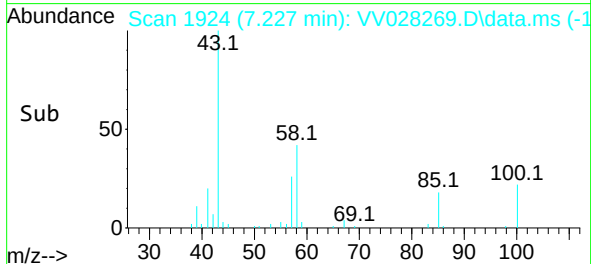
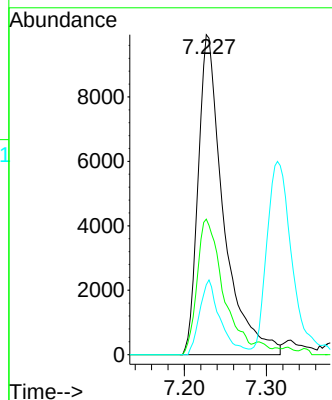
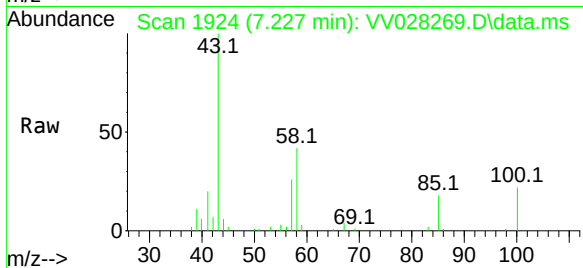
Tgt Ion: 43 Resp: 21293

Ion Ratio Lower Upper

43 100

58 43.4 32.2 48.4

100 19.2 12.7 19.1#



#42

Toluene

Concen: 0.410 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV028269.D

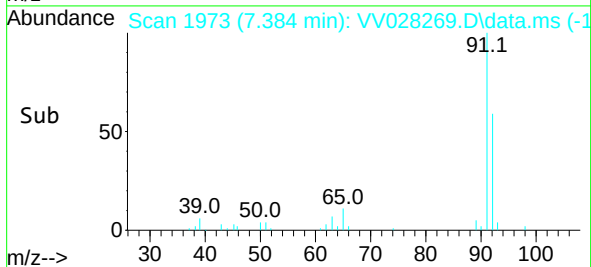
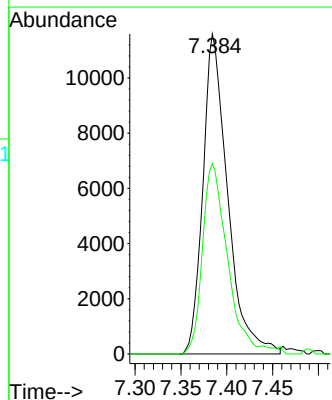
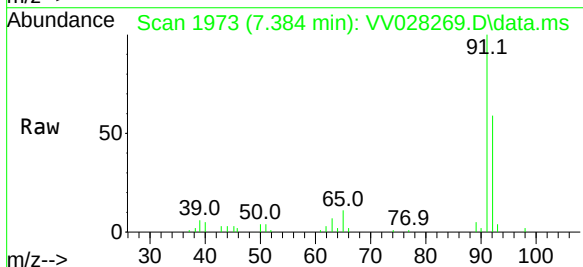
Acq: 03 Oct 2022 10:26

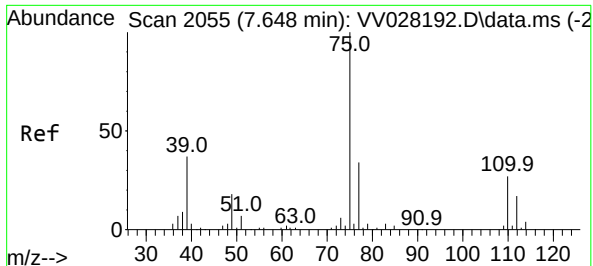
Tgt Ion: 91 Resp: 21750

Ion Ratio Lower Upper

91 100

92 59.5 40.2 74.6

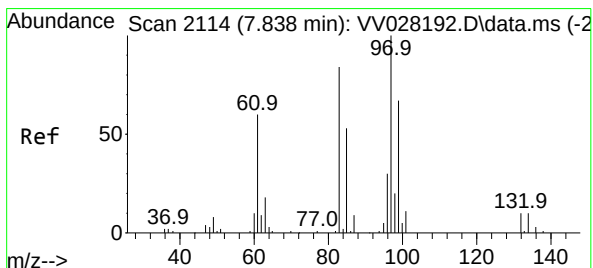
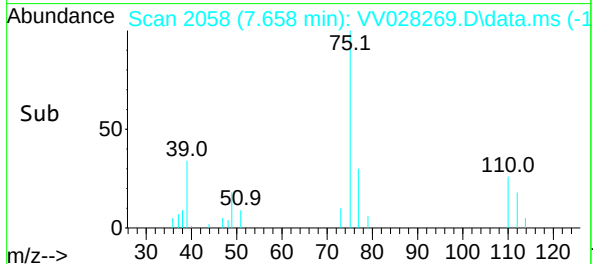
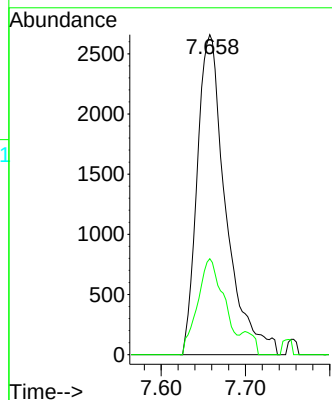
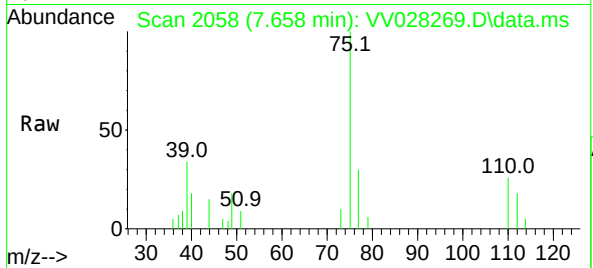




#44
trans-1,3-Dichloropropene
Concen: 0.411 ug/L
RT: 7.658 min Scan# 2058
Delta R.T. 0.010 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

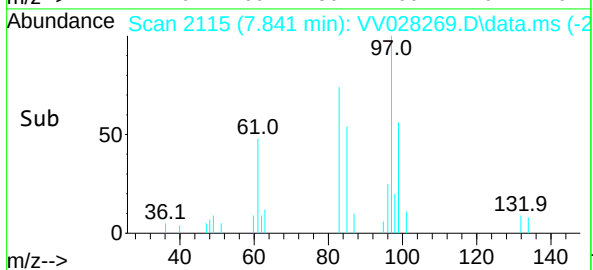
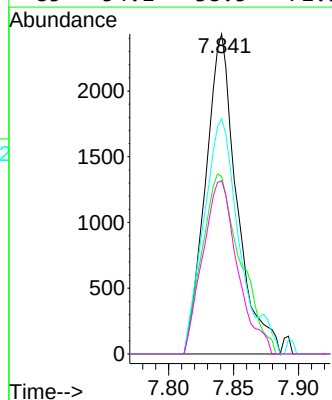
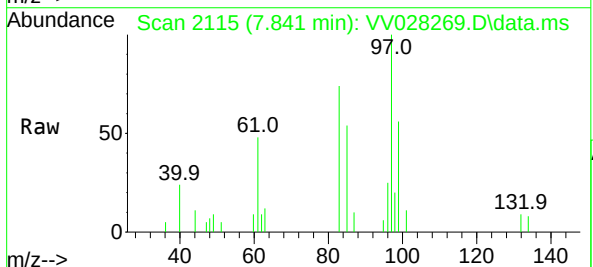
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5252

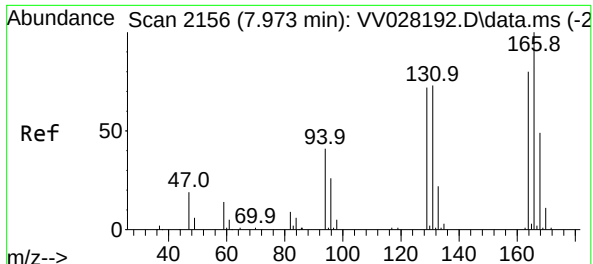
Tgt Ion: 75 Resp: 6252
Ion Ratio Lower Upper
75 100
77 30.0 23.9 44.3



#45
1,1,2-Trichloroethane
Concen: 0.427 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

Tgt Ion: 97 Resp: 4079
Ion Ratio Lower Upper
97 100
99 55.5 43.2 80.2
83 73.5 59.1 109.9
85 54.1 38.5 71.5





#47

Tetrachloroethene

Concen: 0.484 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV028269.D

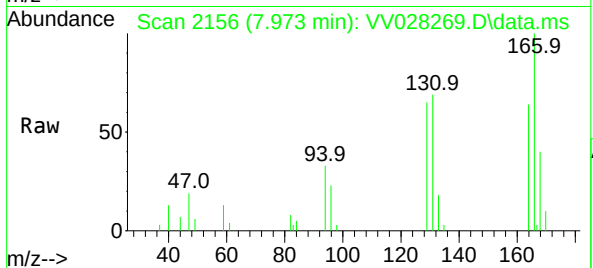
Acq: 03 Oct 2022 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5252



Tgt Ion:164 Resp: 4888

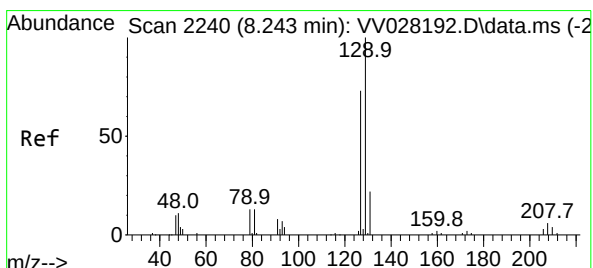
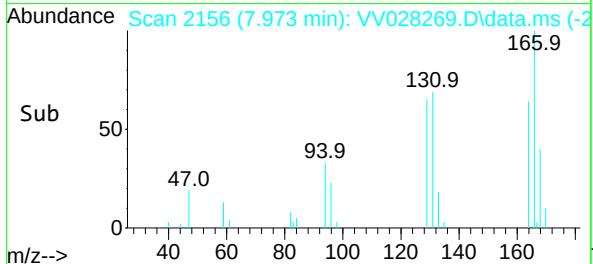
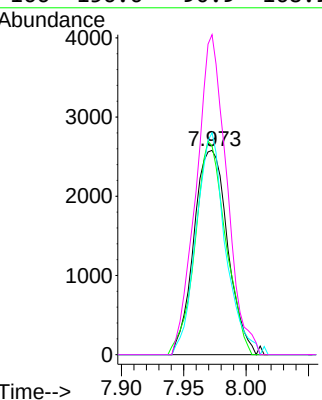
Ion Ratio Lower Upper

164 100

129 102.2 66.7 123.9

131 108.6 61.7 114.5

166 156.6 90.9 168.9



#49

Dibromochloromethane

Concen: 0.436 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VV028269.D

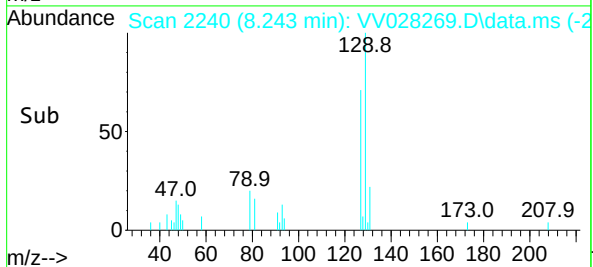
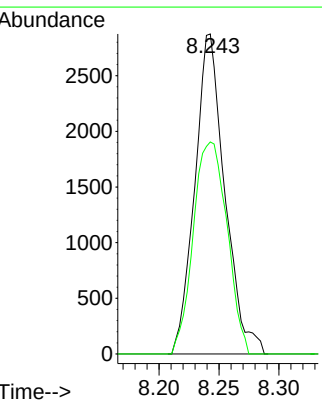
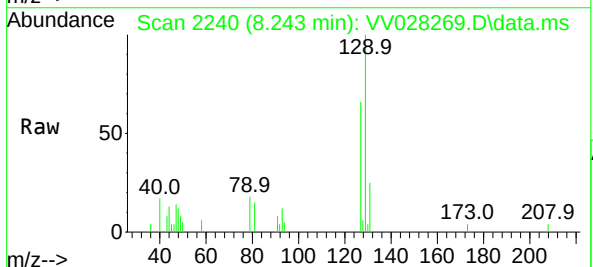
Acq: 03 Oct 2022 10:26

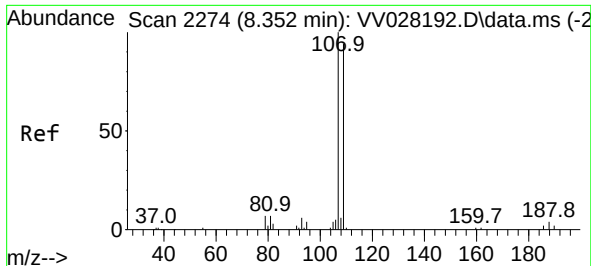
Tgt Ion:129 Resp: 5000

Ion Ratio Lower Upper

129 100

127 66.3 54.3 100.9

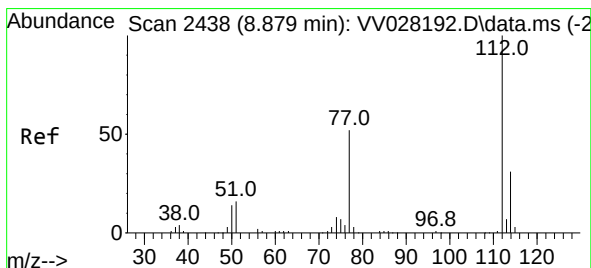
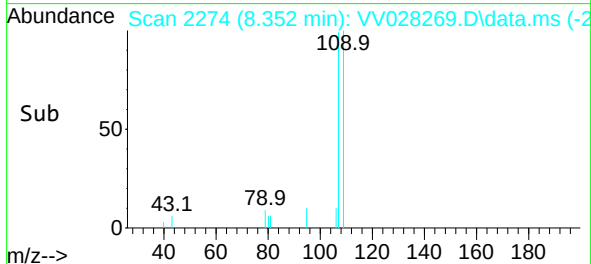
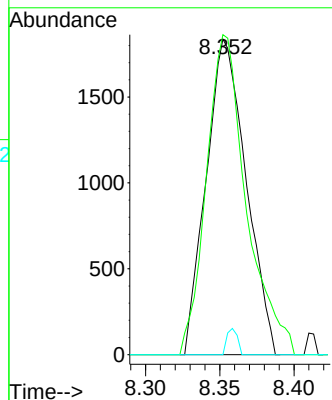
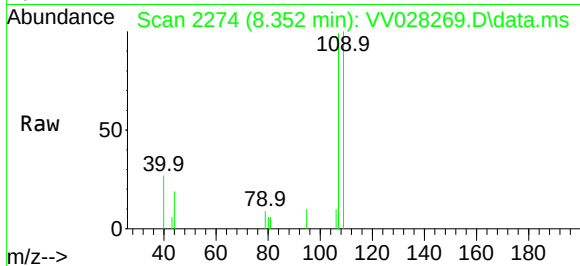




#50
1,2-Dibromoethane
Concen: 0.413 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

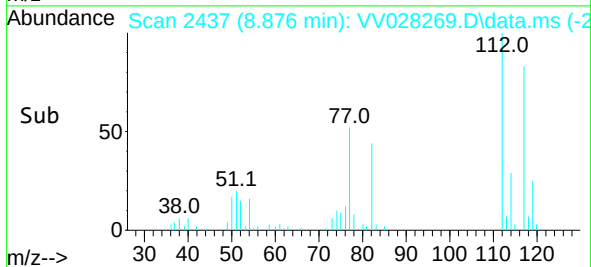
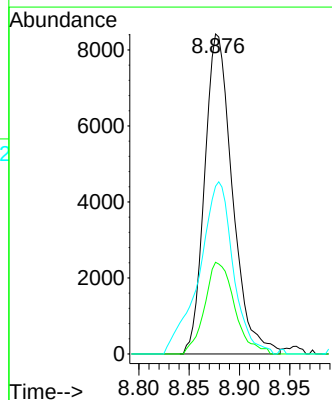
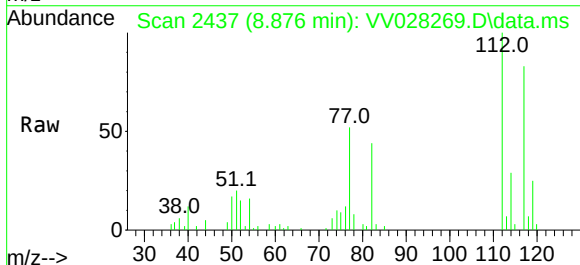
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5252

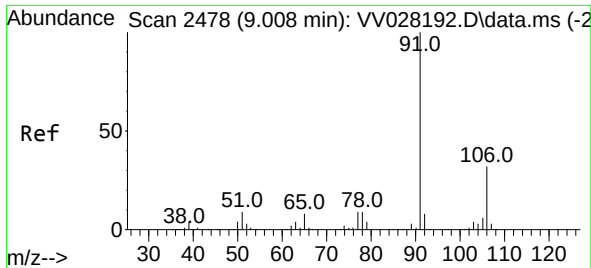
Tgt Ion:107 Resp: 3425
Ion Ratio Lower Upper
107 100
109 101.4 65.9 122.5
188 0.0 3.4 5.0#



#51
Chlorobenzene
Concen: 0.455 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

Tgt Ion:112 Resp: 16169
Ion Ratio Lower Upper
112 100
114 28.7 22.5 41.7
77 52.4 46.1 69.1

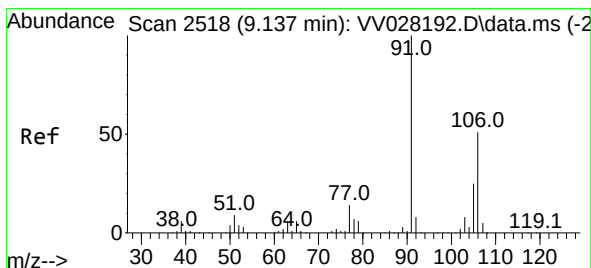
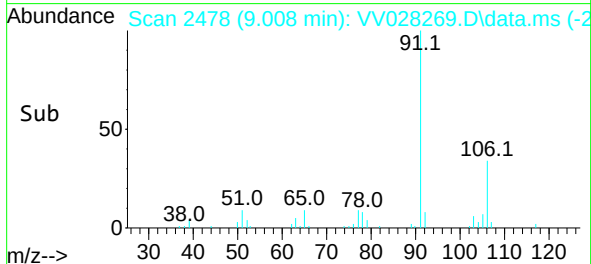
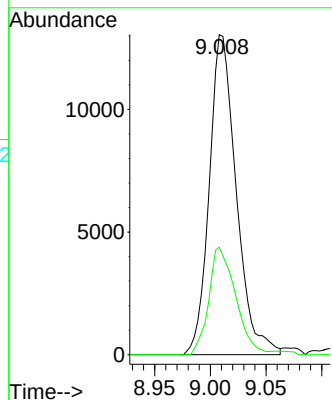
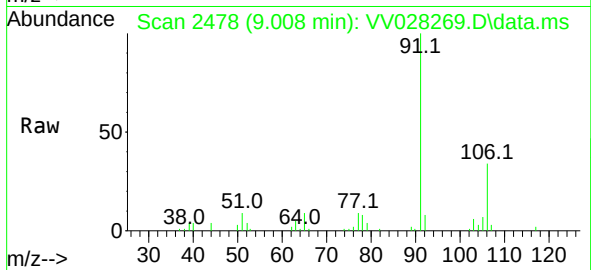




#52
Ethylbenzene
Concen: 0.393 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

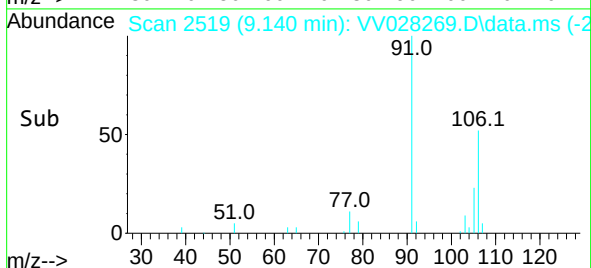
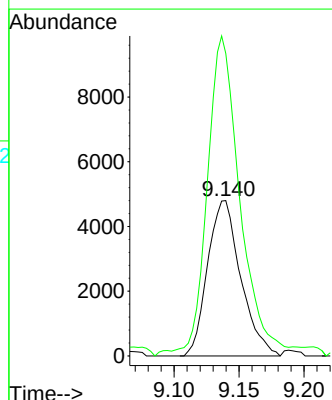
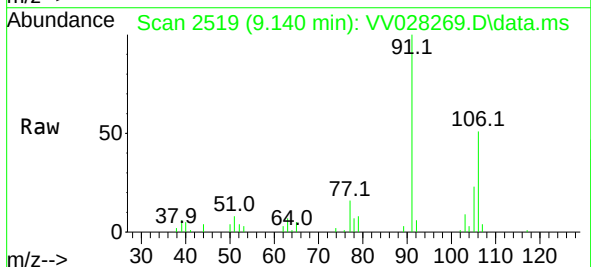
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5252

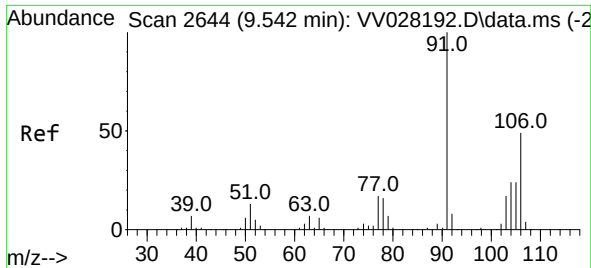
Tgt Ion: 91 Resp: 22024
Ion Ratio Lower Upper
91 100
106 33.6 21.5 39.9



#53
m,p-Xylene
Concen: 0.396 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.007 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

Tgt Ion: 106 Resp: 8501
Ion Ratio Lower Upper
106 100
91 194.6 141.9 263.5

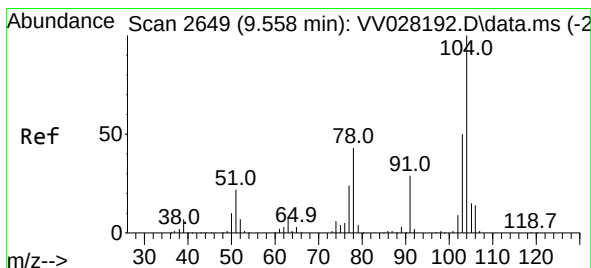
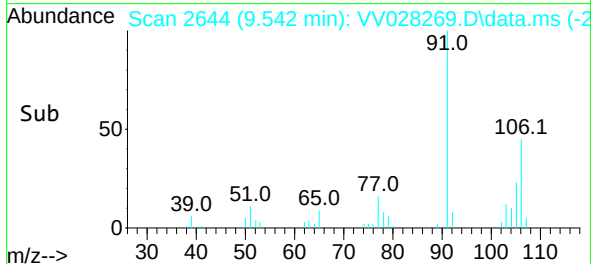
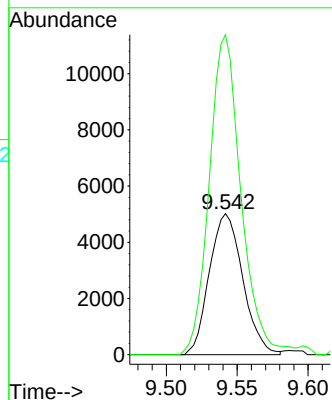
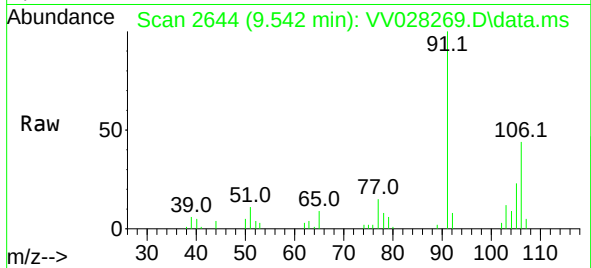




#54
o-Xylene
Concen: 0.388 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

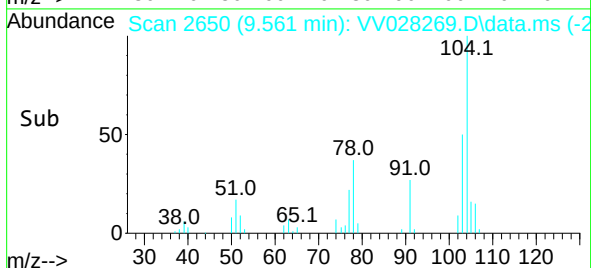
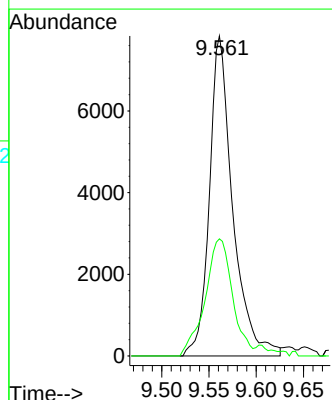
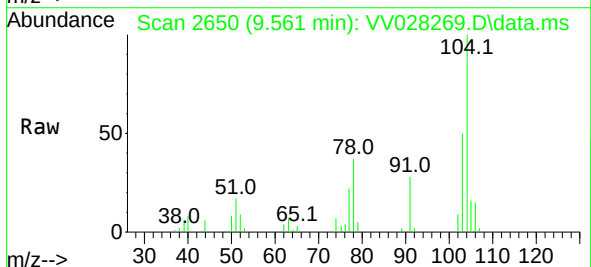
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5252

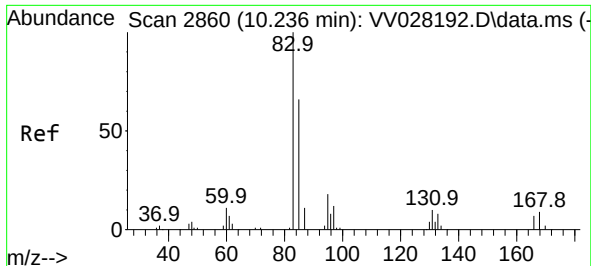
Tgt Ion:106 Resp: 8243
Ion Ratio Lower Upper
106 100
91 226.9 148.1 275.0



#55
Styrene
Concen: 0.365 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

Tgt Ion:104 Resp: 13428
Ion Ratio Lower Upper
104 100
78 36.6 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 0.377 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV028269.D

Acq: 03 Oct 2022 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5252

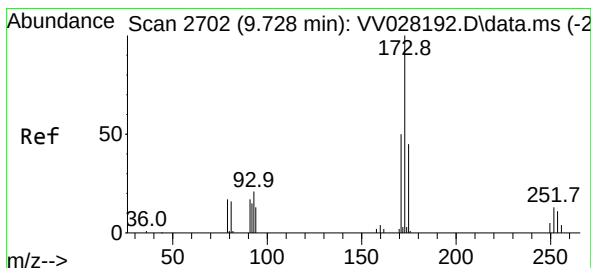
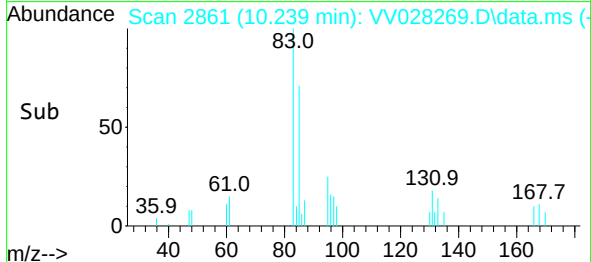
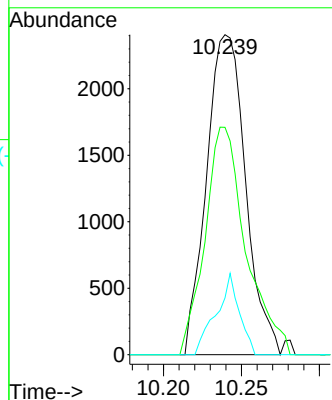
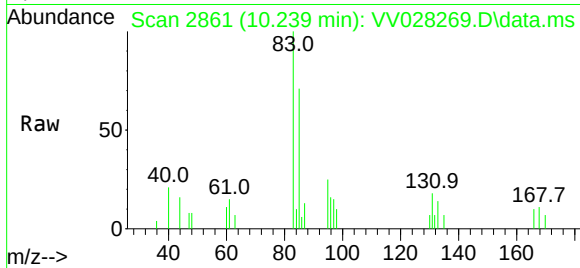
Tgt Ion: 83 Resp: 4195

Ion Ratio Lower Upper

83 100

85 71.0 45.2 84.0

131 17.8 7.8 11.8#



#59

Bromoform

Concen: 0.489 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.000 min

Lab File: VV028269.D

Acq: 03 Oct 2022 10:26

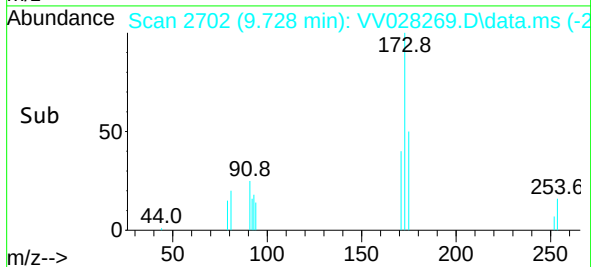
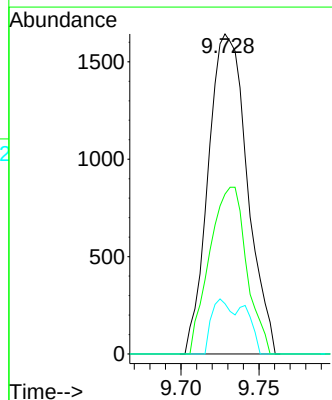
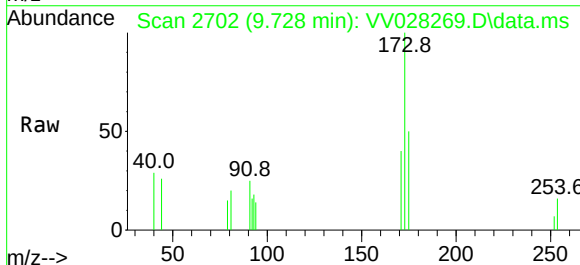
Tgt Ion: 173 Resp: 2851

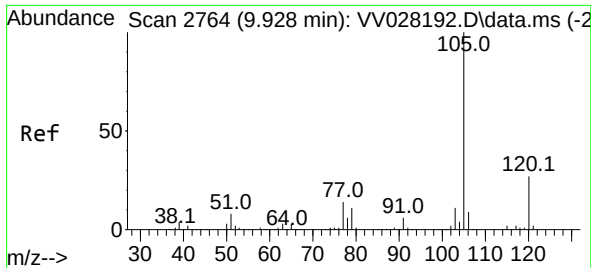
Ion Ratio Lower Upper

173 100

175 49.6 39.0 58.4

254 9.4 8.7 13.1

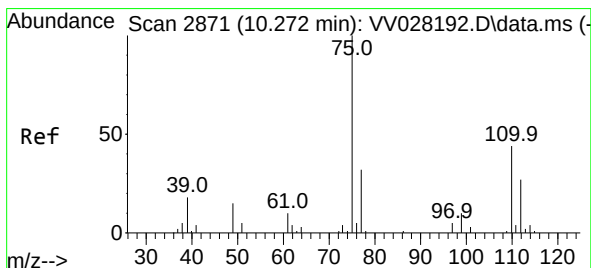
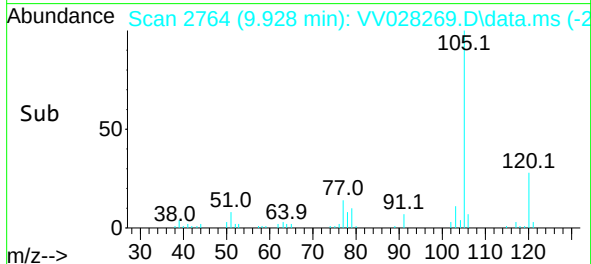
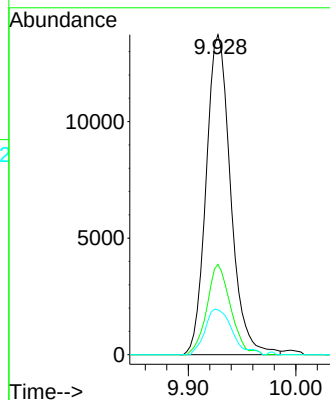
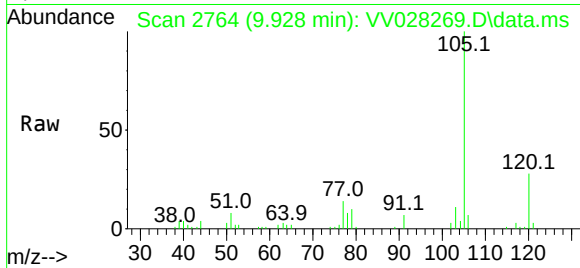




#60
Isopropylbenzene
Concen: 0.404 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

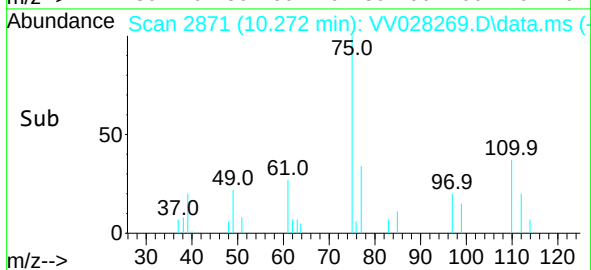
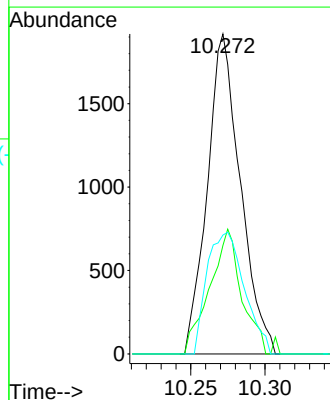
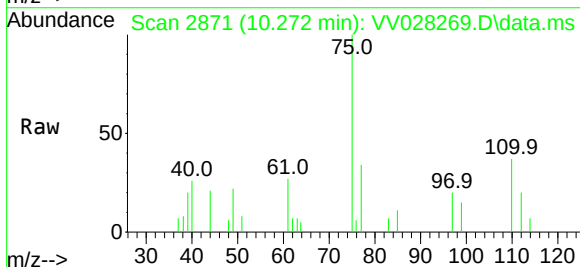
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5252

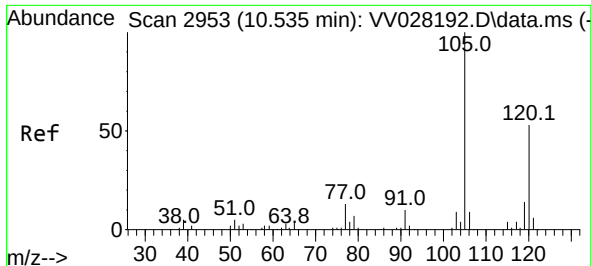
Tgt Ion:105 Resp: 21743
Ion Ratio Lower Upper
105 100
120 27.3 21.4 32.0
77 15.7 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 0.386 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

Tgt Ion: 75 Resp: 2968
Ion Ratio Lower Upper
75 100
77 37.7 26.7 40.1
110 43.0 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 0.413 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028269.D

Acq: 03 Oct 2022 10:26

Instrument :

MSVOA_V

ClientSampleId :

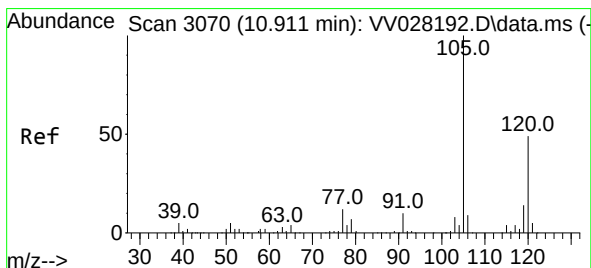
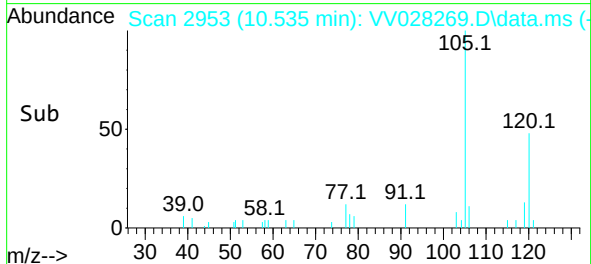
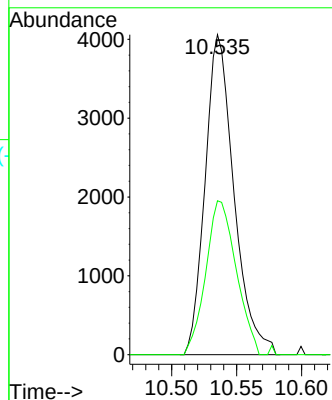
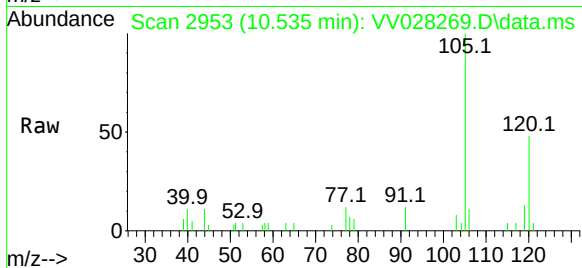
VSTD0.5252

Tgt Ion:105 Resp: 6261

Ion Ratio Lower Upper

105 100

120 50.7 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 0.404 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV028269.D

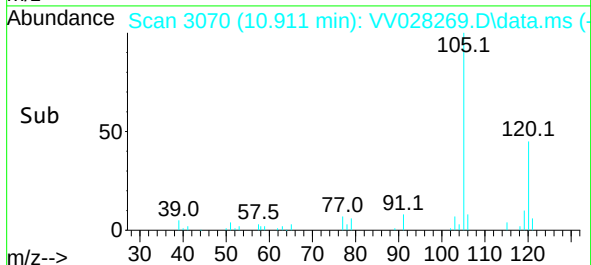
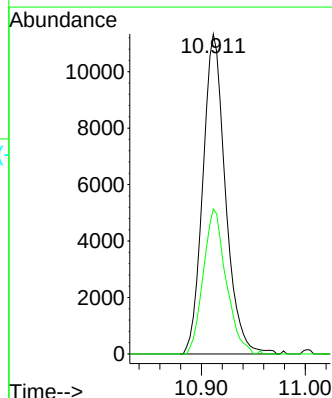
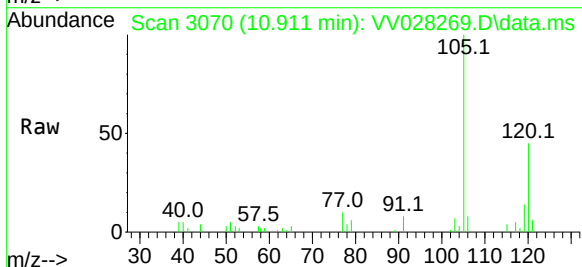
Acq: 03 Oct 2022 10:26

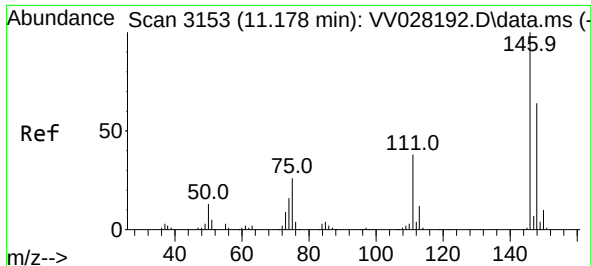
Tgt Ion:105 Resp: 17120

Ion Ratio Lower Upper

105 100

120 45.6 37.8 56.8

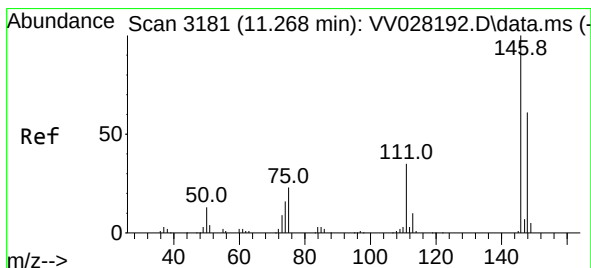
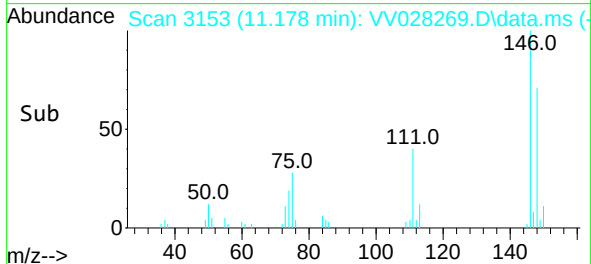
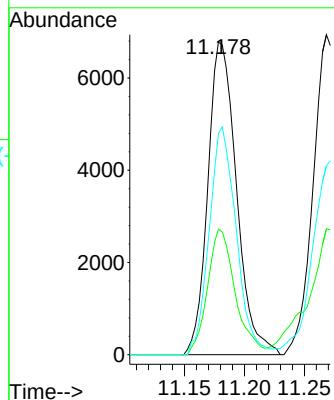
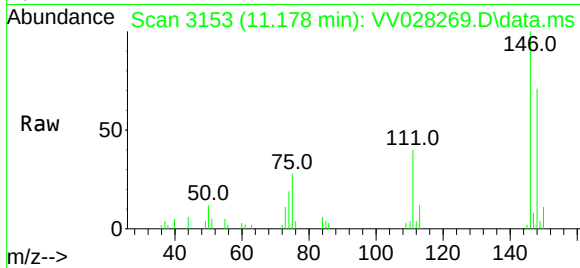




#64
1,3-Dichlorobenzene
Concen: 0.421 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

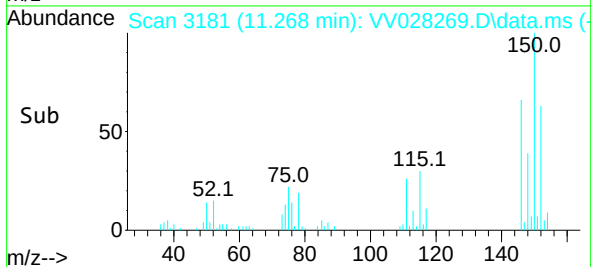
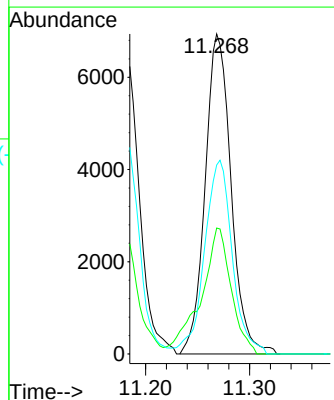
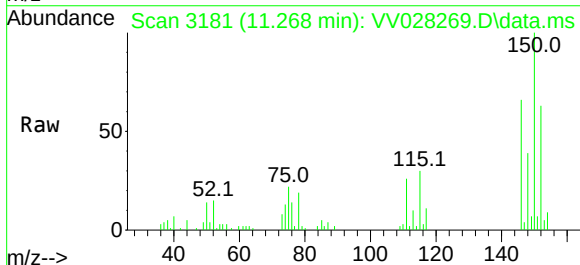
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5252

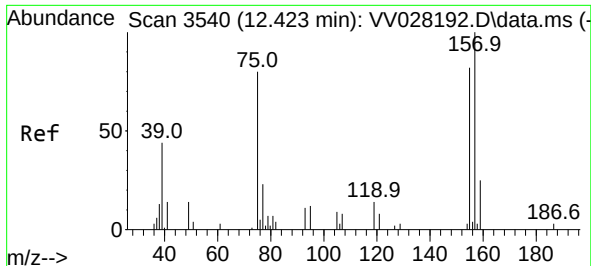
Tgt Ion:146 Resp: 11273
Ion Ratio Lower Upper
146 100
111 40.1 27.1 50.3
148 70.7 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 0.449 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

Tgt Ion:146 Resp: 12047
Ion Ratio Lower Upper
146 100
111 39.3 26.2 48.8
148 59.0 45.8 85.2





#68

1,2-Dibromo-3-chloropropane

Concen: 0.410 ug/L

RT: 12.423 min Scan# 3540

Delta R.T. -0.003 min

Lab File: VV028269.D

Acq: 03 Oct 2022 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5252

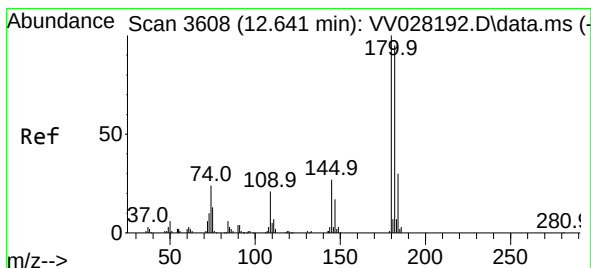
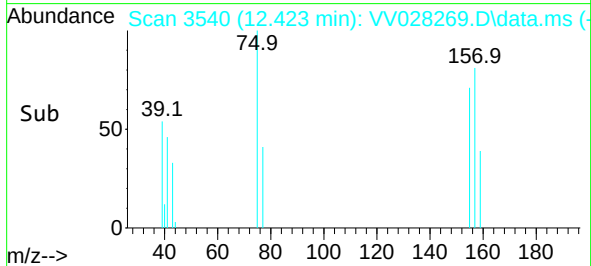
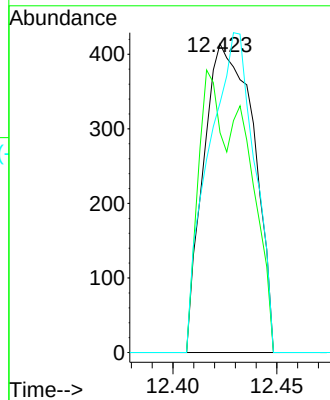
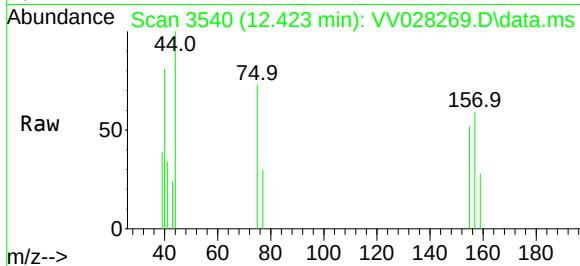
Tgt Ion: 75 Resp: 691

Ion Ratio Lower Upper

75 100

155 71.3 73.6 110.4#

157 80.9 90.7 136.1#



#69

1,3,5-Trichlorobenzene

Concen: 0.439 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

Lab File: VV028269.D

Acq: 03 Oct 2022 10:26

Tgt Ion: 180 Resp: 9313

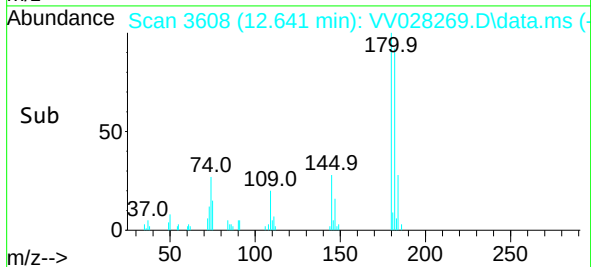
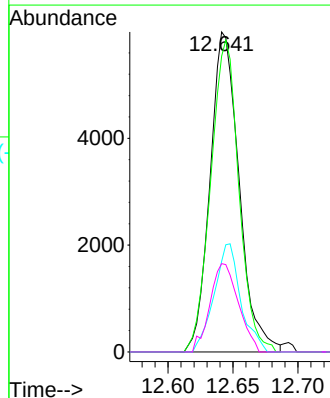
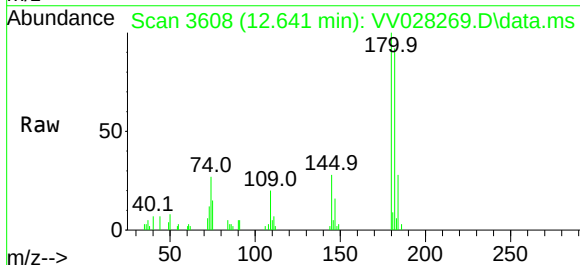
Ion Ratio Lower Upper

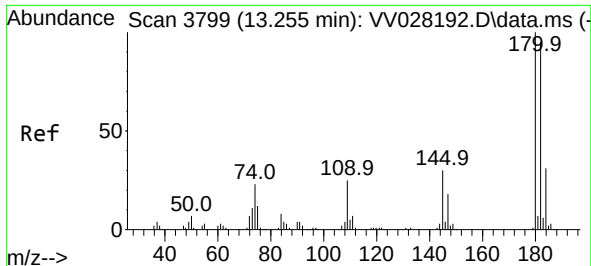
180 100

182 94.5 75.5 113.3

184 31.0 23.7 35.5

145 26.9 22.2 33.4

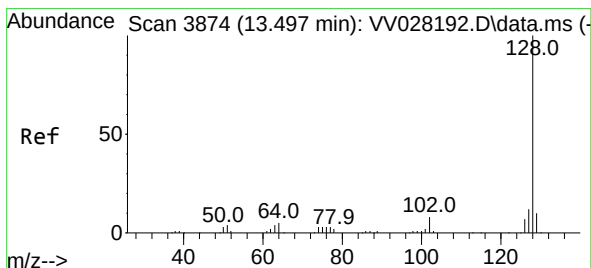
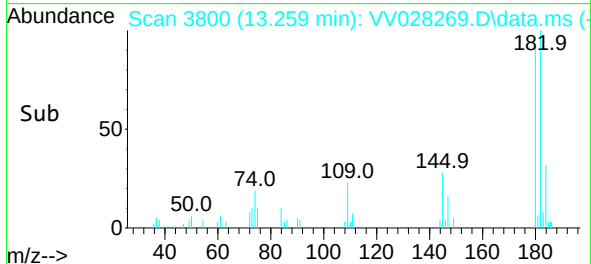
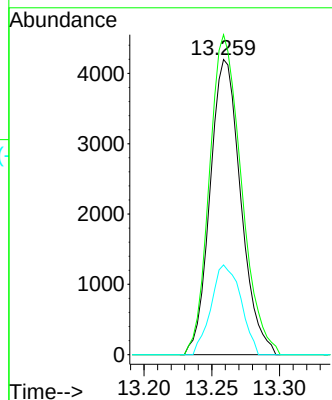
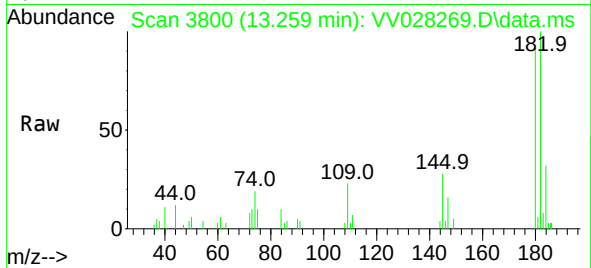




#70
1,2,4-trichlorobenzene
Concen: 0.390 ug/L
RT: 13.259 min Scan# 3799
Delta R.T. 0.000 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

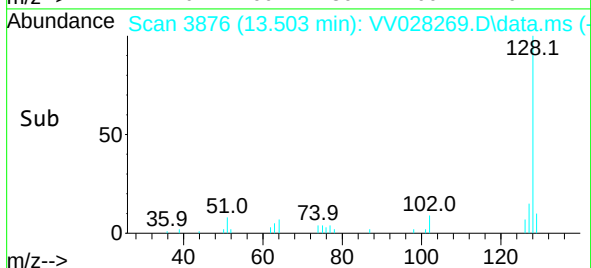
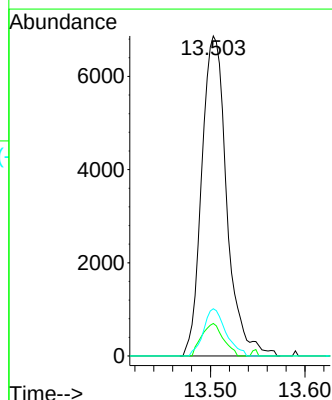
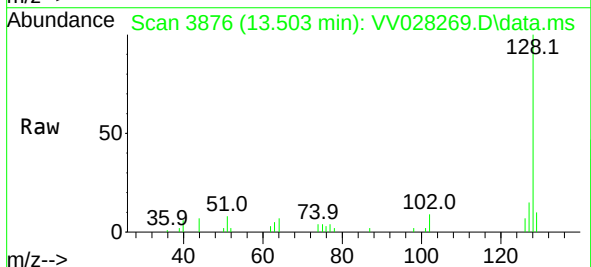
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5252

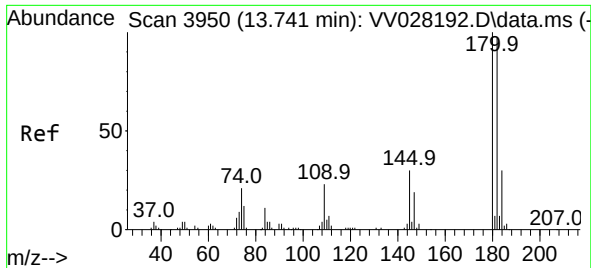
Tgt Ion:180 Resp: 6615
Ion Ratio Lower Upper
180 100
182 112.7 76.3 114.5
145 29.4 22.9 34.3



#71
Naphthalene
Concen: 0.454 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV028269.D
Acq: 03 Oct 2022 10:26

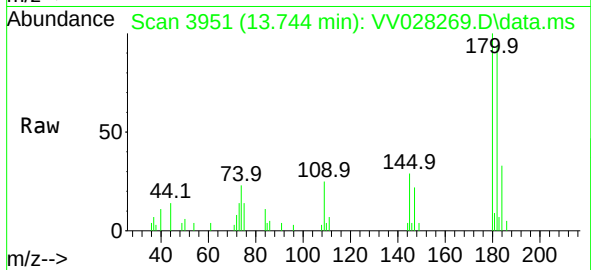
Tgt Ion:128 Resp: 12597
Ion Ratio Lower Upper
128 100
129 8.8 8.2 12.2
127 13.2 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.417 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. 0.003 min
 Lab File: VV028269.D
 Acq: 03 Oct 2022 10:26

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5252



Tgt Ion:	180	Resp:	6390
Ion	Ratio	Lower	Upper
180	100		
182	100.8	77.4	116.0
145	30.6	24.6	36.8

