

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091922\
 Data File : VW027930.D
 Acq On : 19 Sep 2022 16:28
 Operator : SY/MD
 Sample : VSTD00141
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001241

Quant Time: Sep 20 01:25:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:24:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	109318	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	113424	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	57886	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	7734	1.027	ug/L	0.00
7) Chloroethane-d5	1.565	69	6413	1.003	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	13753	0.922	ug/L	0.00
20) 2-Butanone-d5	3.912	46	9606	6.181	ug/L	0.03
24) Chloroform-d	4.349	84	13410	0.913	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	5318	0.705	ug/L	0.00
32) Benzene-d6	5.050	84	23190	0.738	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	8612	0.944	ug/L	0.00
41) Toluene-d8	7.317	98	20272	0.765	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	2325	0.738	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	9199	7.424	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	6488	1.036	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	8650	0.920	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	7775	0.755	ug/L	97
3) Chloromethane	1.237	50	11507	1.207	ug/L	99
5) Vinyl chloride	1.307	62	9560	0.989	ug/L	100
6) Bromomethane	1.516	94	6739	1.208	ug/L	94
8) Chloroethane	1.581	64	6420	1.124	ug/L	93
9) Trichlorofluoromethane	1.748	101	13717	0.882	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	9136	1.152	ug/L	98
12) 1,1-Dichloroethene	2.114	96	8284	1.128	ug/L	86
13) Acetone	2.179	43	11709	10.212	ug/L	99
14) Carbon disulfide	2.288	76	16256	0.794	ug/L	99
15) Methyl Acetate	2.446	43	1946	0.659	ug/L	95
16) Methylene chloride	2.503	84	9595	1.006	ug/L	88
17) Methyl tert-butyl Ether	2.767	73	13306	0.804	ug/L	93
18) trans-1,2-Dichloroethene	2.754	96	7411	0.973	ug/L	97
19) 1,1-Dichloroethane	3.185	63	14468	1.009	ug/L	95
21) 2-Butanone	3.995	43	9654	5.989	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	7989	0.964	ug/L	93
23) Bromochloromethane	4.249	128	3729	1.053	ug/L	90
25) Chloroform	4.378	83	15825	1.013	ug/L	90
27) 1,2-Dichloroethane	5.137	62	7269	0.799	ug/L #	86
29) 1,1,1-Trichloroethane	4.606	97	12502	0.776	ug/L	96
30) Cyclohexane	4.671	56	7965	0.613	ug/L #	89
31) Carbon tetrachloride	4.828	117	11299	0.819	ug/L	96
33) Benzene	5.098	78	29292	0.821	ug/L	100
34) Trichloroethene	5.915	95	7122	0.809	ug/L	90
35) Methylcyclohexane	6.133	83	10121	0.758	ug/L	97
37) 1,2-Dichloropropane	6.172	63	8150	0.958	ug/L #	96
38) Bromodichloromethane	6.506	83	10362	0.921	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	9979	0.904	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	28036	7.204	ug/L	98
42) Toluene	7.387	91	30955	0.884	ug/L	94
44) trans-1,3-Dichloropropene	7.658	75	7602	0.824	ug/L	97

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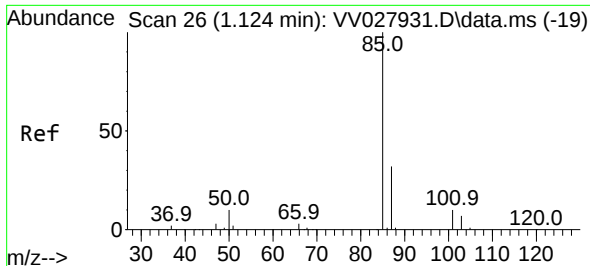
Instrument :
 MSVOA_V
 ClientSampleId :
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Quant Time: Sep 20 01:25:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:24:44 2022
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	7.844	97	6192	1.085	ug/L	97
47) Tetrachloroethene	7.973	164	7295	0.998	ug/L	81
48) 2-Hexanone	8.143	43	20175	7.249	ug/L #	92
49) Dibromochloromethane	8.246	129	7077	0.978	ug/L	99
50) 1,2-Dibromoethane	8.352	107	5003	0.964	ug/L #	94
51) Chlorobenzene	8.883	112	22379	0.971	ug/L	94
52) Ethylbenzene	9.011	91	31488	0.860	ug/L	98
53) m,p-Xylene	9.140	106	11824	0.822	ug/L	97
54) o-Xylene	9.542	106	11263	0.818	ug/L	81
55) Styrene	9.561	104	18821	0.788	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	7598	1.160	ug/L #	96
59) Bromoform	9.731	173	4034	1.146	ug/L	97
60) Isopropylbenzene	9.928	105	30315	0.866	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	4367	0.965	ug/L #	93
62) 1,3,5-Trimethylbenzene	10.538	105	8065	0.821	ug/L	93
63) 1,2,4-Trimethylbenzene	10.915	105	22624	0.802	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	18537	1.025	ug/L	94
65) 1,4-Dichlorobenzene	11.272	146	17428	0.955	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	16513	1.001	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.423	75	858	0.874	ug/L #	88
69) 1,3,5-Trichlorobenzene	12.644	180	14489	1.039	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	11775	1.051	ug/L	98
71) Naphthalene	13.503	128	15655	0.880	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	9635	0.963	ug/L	93

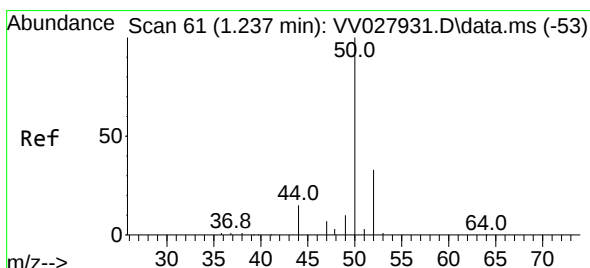
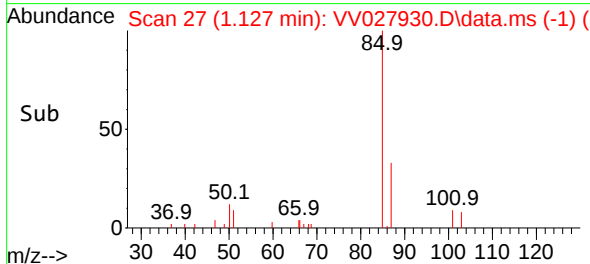
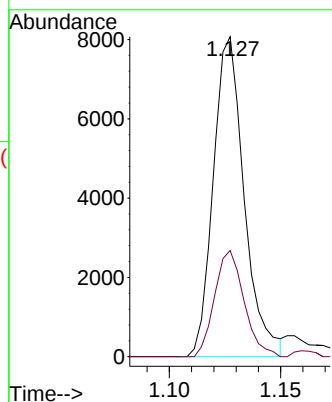
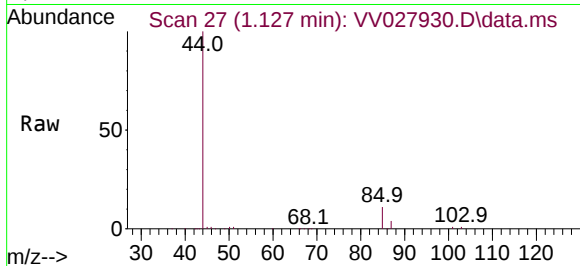
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.755 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV027930.D
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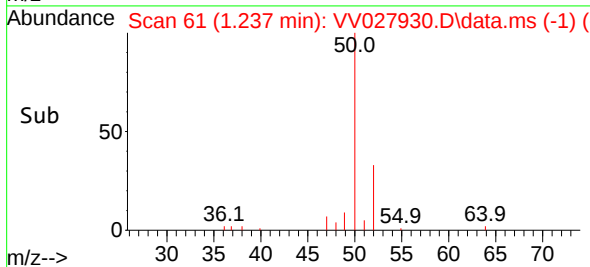
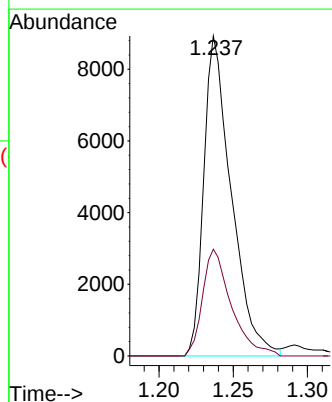
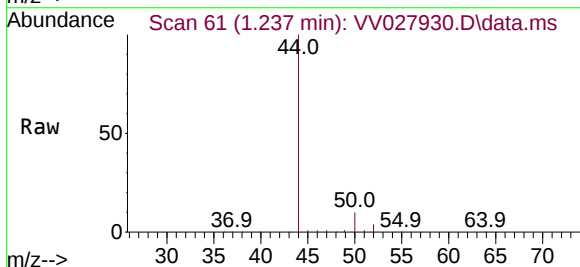
Instrument :
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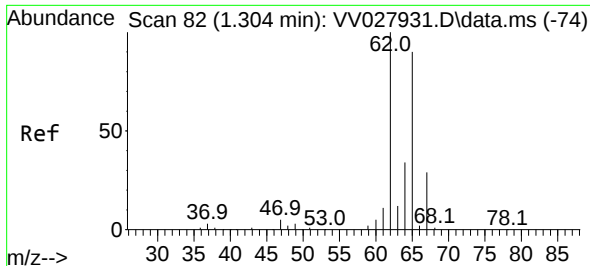
Tgt Ion: 85 Resp: 7775
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.5 39.7



#3
 Chloromethane
 Concen: 1.207 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027930.D
 Acq: 19 Sep 2022 16:28

Tgt Ion: 50 Resp: 11507
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.0 42.8

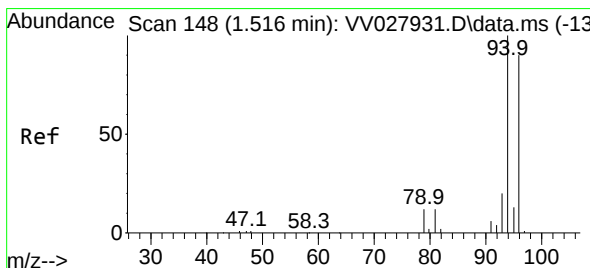
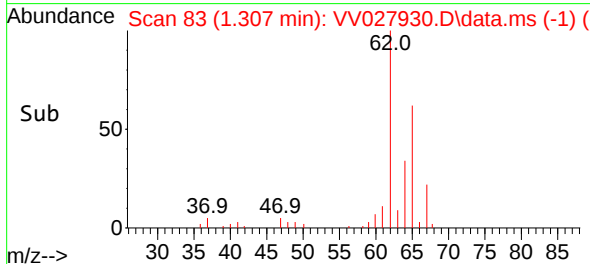
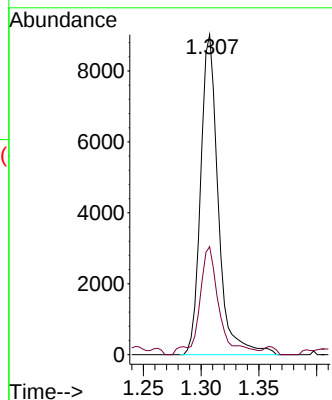
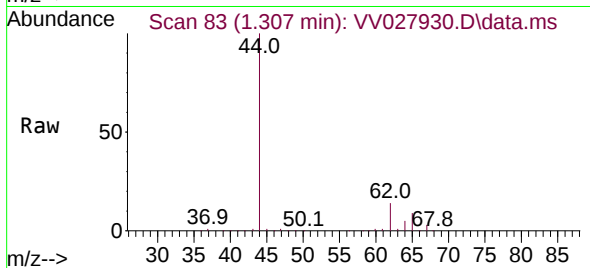




#5
 Vinyl chloride
 Concen: 0.989 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027930.D
 Acq: 19 Sep 2022 16:28

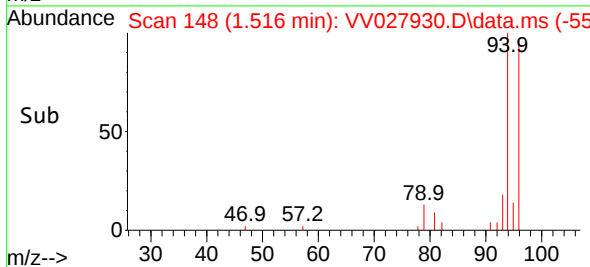
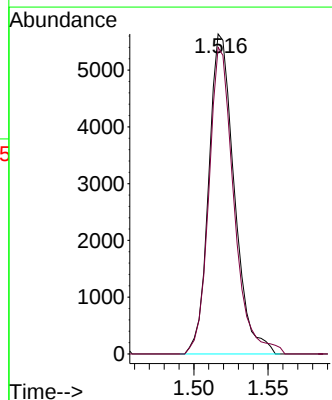
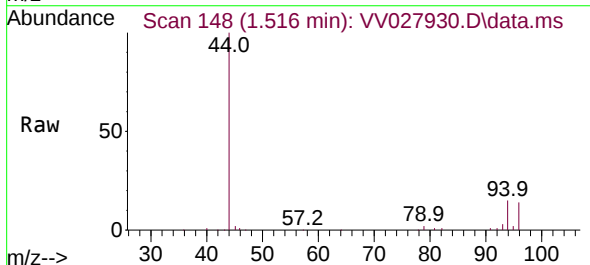
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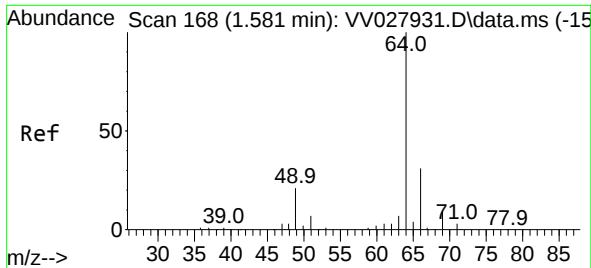
Tgt Ion: 62 Resp: 9560
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.4 43.6



#6
 Bromomethane
 Concen: 1.208 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV027930.D
 Acq: 19 Sep 2022 16:28

Tgt Ion: 94 Resp: 6739
 Ion Ratio Lower Upper
 94 100
 96 95.8 63.1 117.3





#8

Chloroethane

Concen: 1.124 ug/L

RT: 1.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

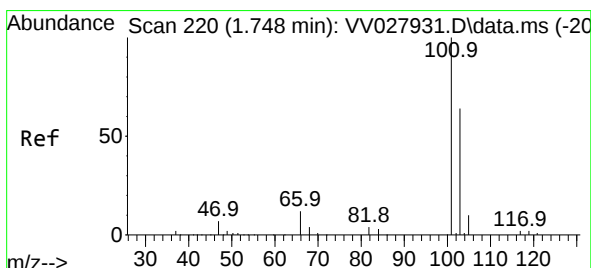
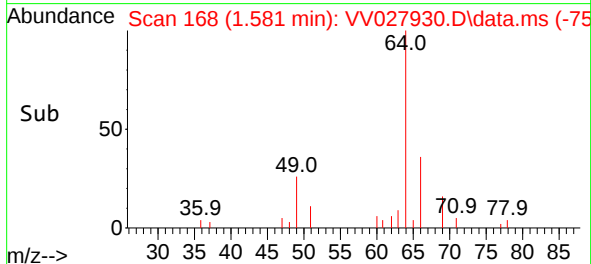
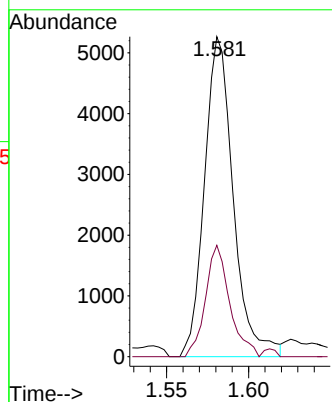
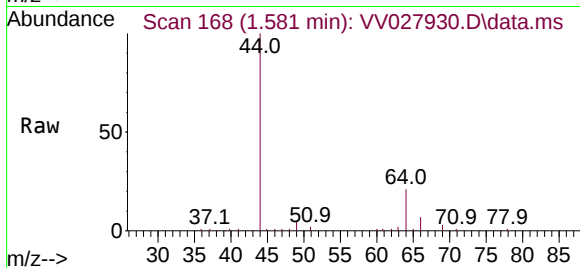
VSTD001241

Tgt Ion: 64 Resp: 6420

Ion Ratio Lower Upper

64 100

66 34.8 21.6 40.2



#9

Trichlorofluoromethane

Concen: 0.882 ug/L

RT: 1.748 min Scan# 220

Delta R.T. 0.000 min

Lab File: VV027930.D

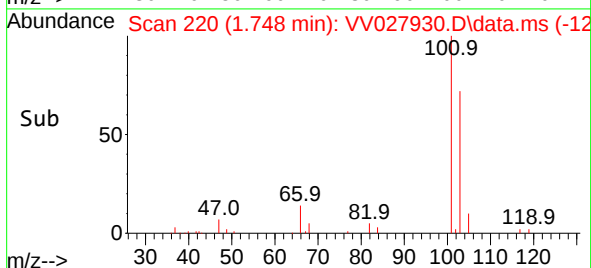
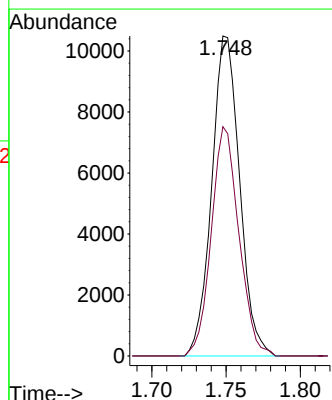
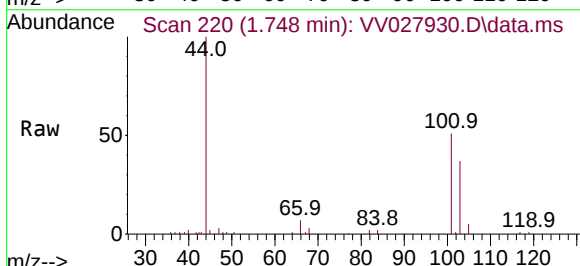
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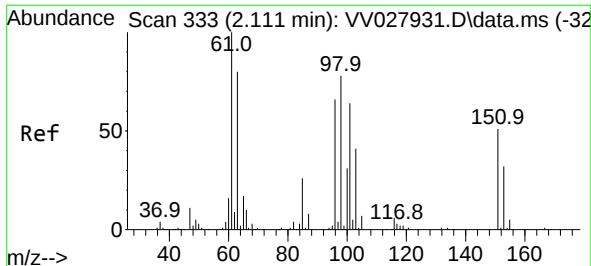
Tgt Ion:101 Resp: 13717

Ion Ratio Lower Upper

101 100

103 70.7 51.7 77.5

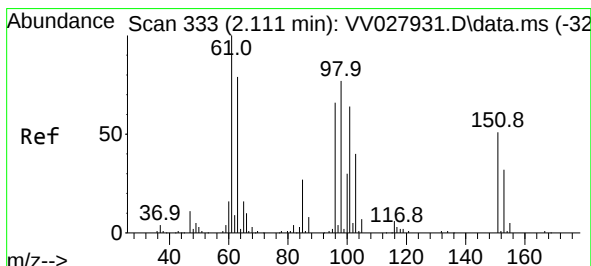
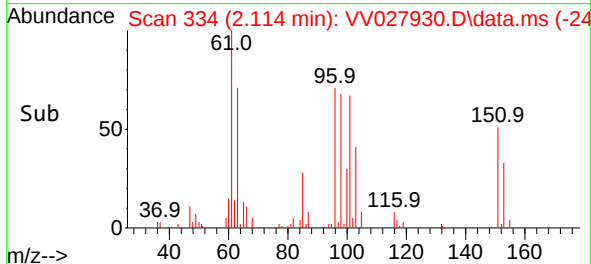
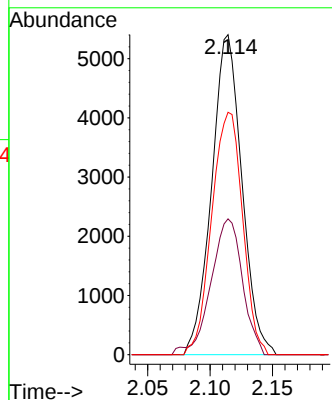
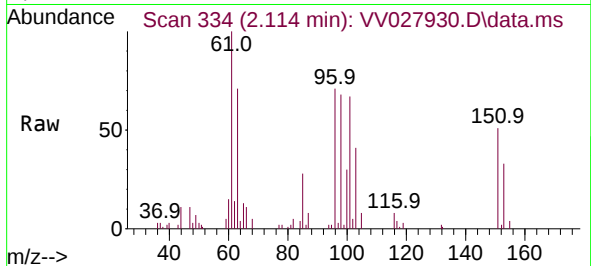




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.152 ug/L
RT: 2.114 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

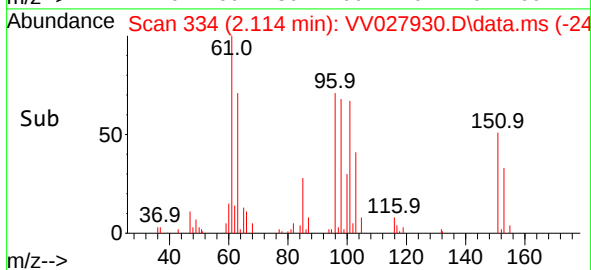
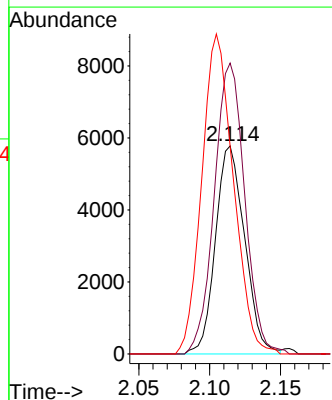
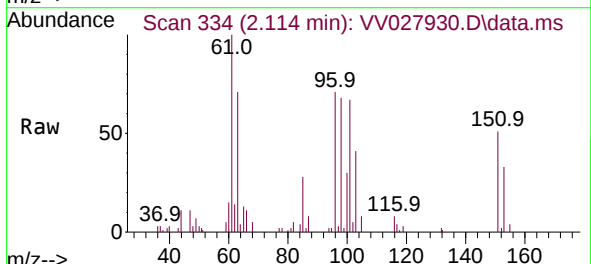
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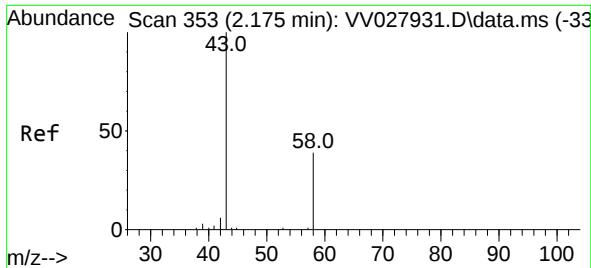
Tgt Ion:101 Resp: 9136
Ion Ratio Lower Upper
101 100
85 44.1 33.6 50.4
151 77.1 62.9 94.3



#12
1,1-Dichloroethene
Concen: 1.128 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

Tgt Ion: 96 Resp: 8284
Ion Ratio Lower Upper
96 100
61 139.9 106.2 197.2
63 100.0 85.0 158.0





#13

Acetone

Concen: 10.212 ug/L

RT: 2.179 min Scan# 353

Delta R.T. 0.003 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

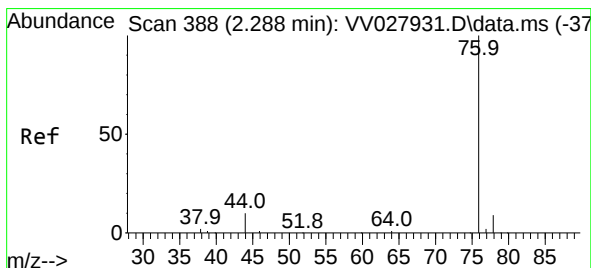
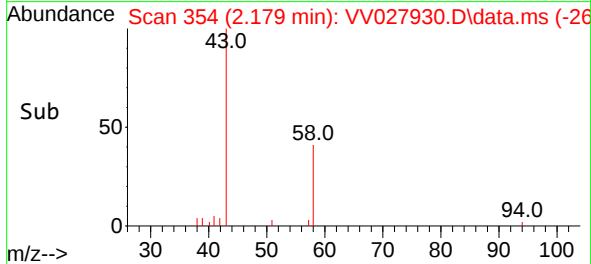
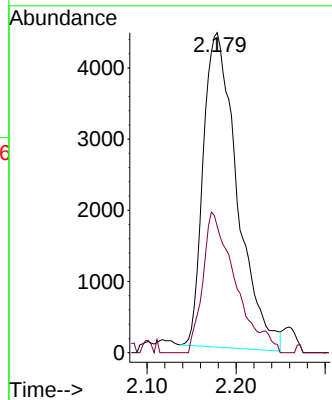
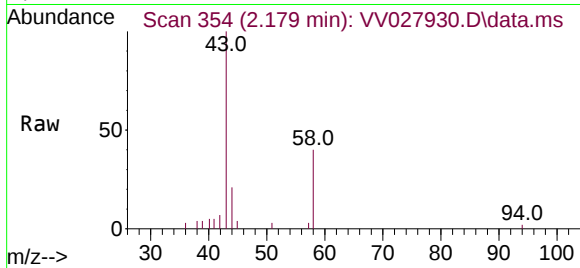
VSTD001241

Tgt Ion: 43 Resp: 11709

Ion Ratio Lower Upper

43 100

58 40.6 0.0 79.8



#14

Carbon disulfide

Concen: 0.794 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

Lab File: VV027930.D

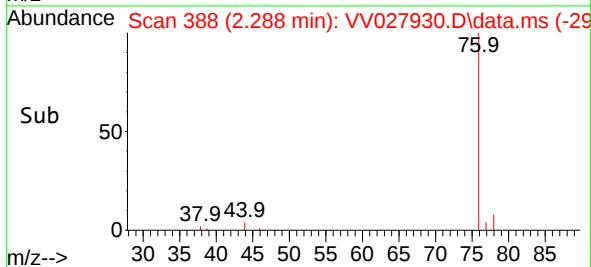
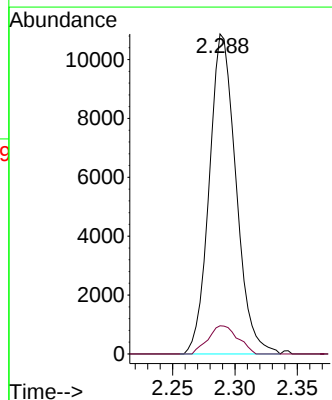
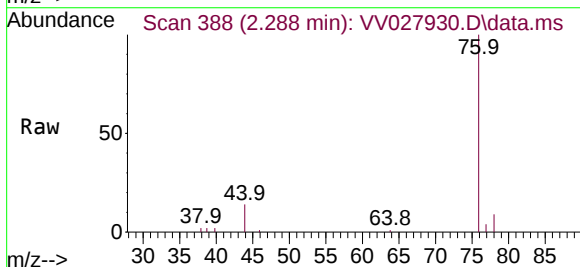
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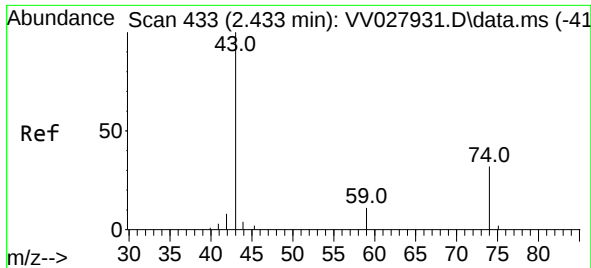
Tgt Ion: 76 Resp: 16256

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

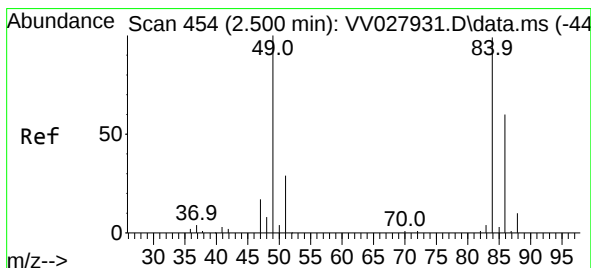
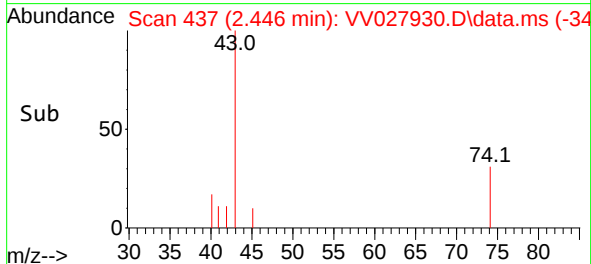
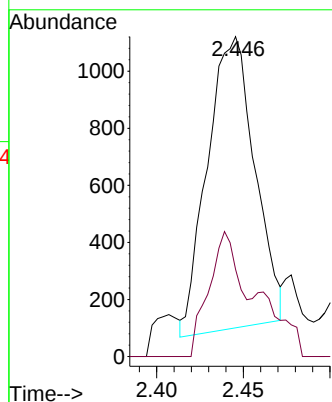
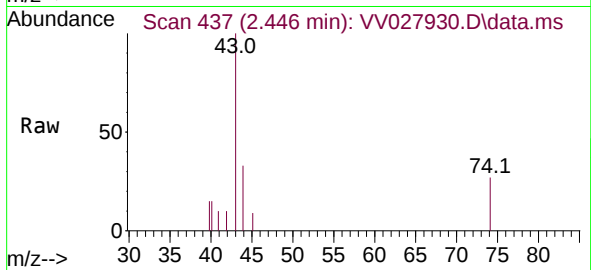




#15
Methyl Acetate
Concen: 0.659 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

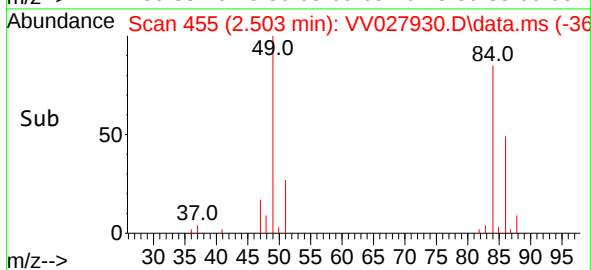
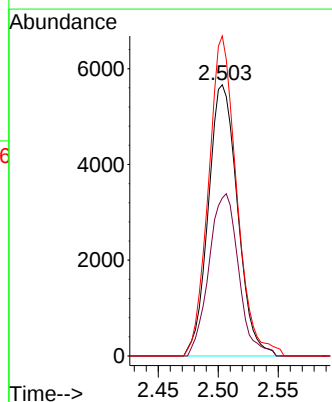
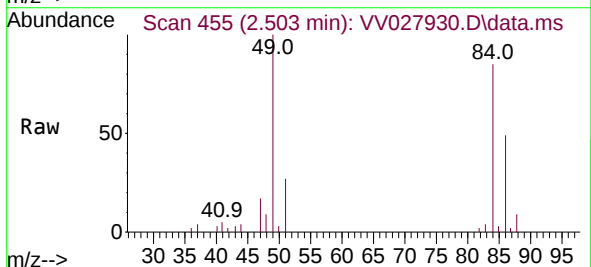
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ClientSampleId :
VSTD001241

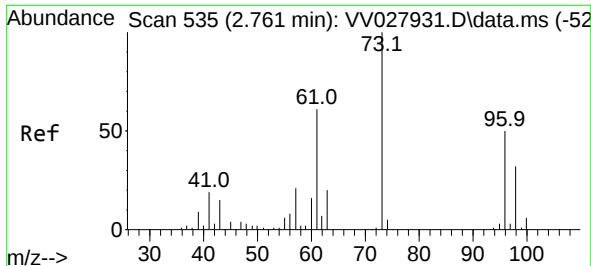
Tgt Ion: 43 Resp: 1946
Ion Ratio Lower Upper
43 100
74 27.5 24.2 36.4



#16
Methylene chloride
Concen: 1.006 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

Tgt Ion: 84 Resp: 9595
Ion Ratio Lower Upper
84 100
86 58.2 42.4 78.6
49 118.0 70.7 131.3





#17

Methyl tert-butyl Ether

Concen: 0.804 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD001241

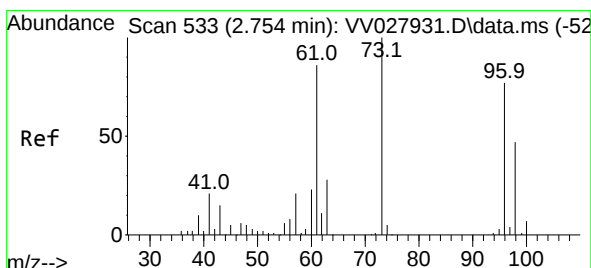
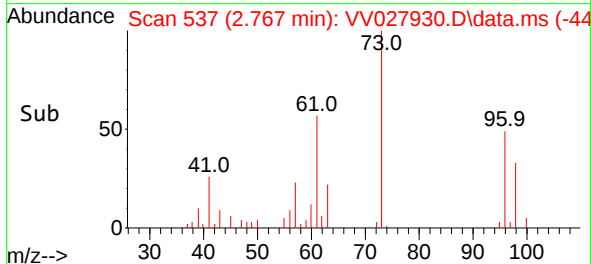
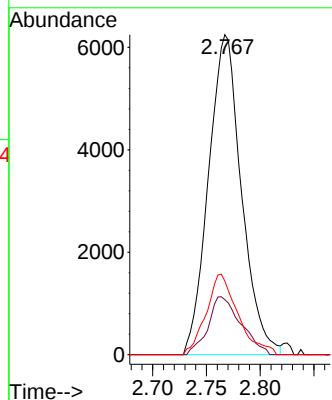
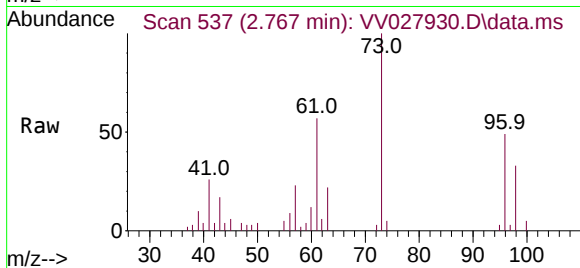
Tgt Ion: 73 Resp: 13306

Ion Ratio Lower Upper

73 100

43 18.0 12.4 18.6

57 24.3 16.6 25.0



#18

trans-1,2-Dichloroethene

Concen: 0.973 ug/L

RT: 2.754 min Scan# 533

Delta R.T. 0.000 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

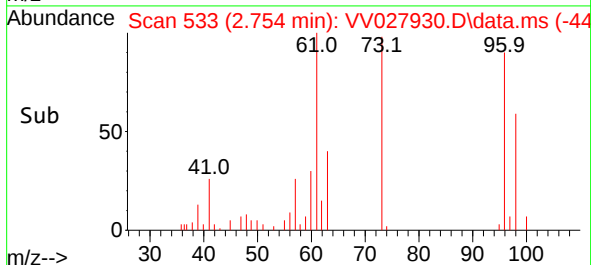
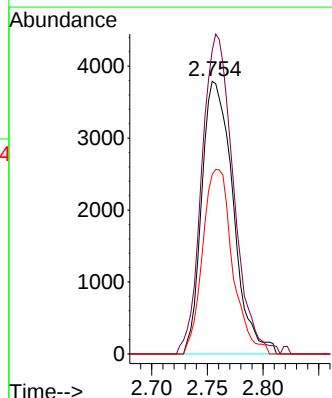
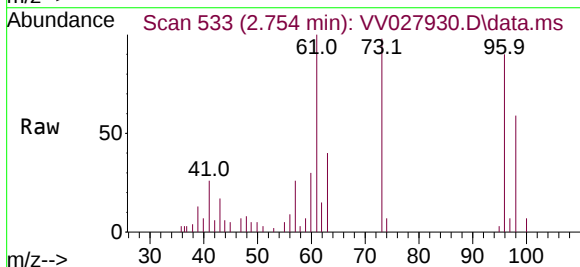
Tgt Ion: 96 Resp: 7411

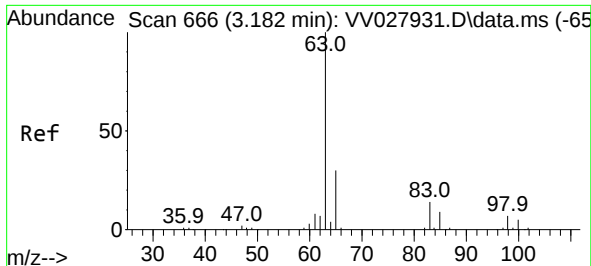
Ion Ratio Lower Upper

96 100

61 111.3 78.3 145.5

98 65.9 42.4 78.6





#19

1,1-Dichloroethane

Concen: 1.009 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD001241

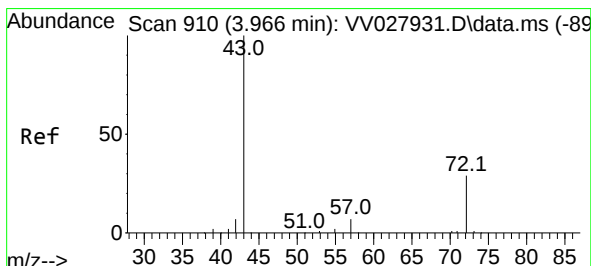
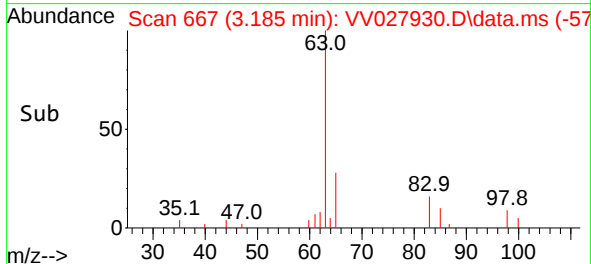
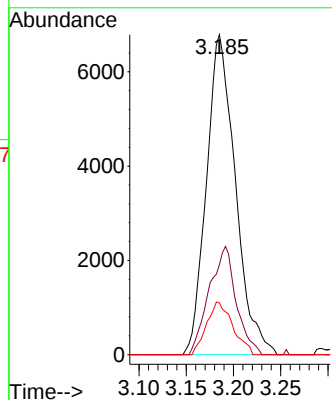
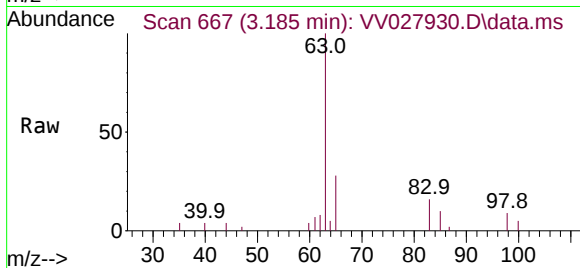
Tgt Ion: 63 Resp: 14468

Ion Ratio Lower Upper

63 100

65 28.1 21.3 39.6

83 16.2 9.7 18.1



#21

2-Butanone

Concen: 5.989 ug/L

RT: 3.995 min Scan# 919

Delta R.T. 0.029 min

Lab File: VV027930.D

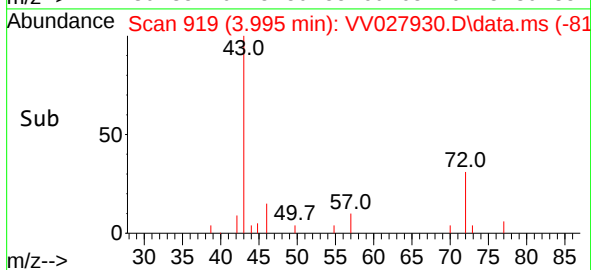
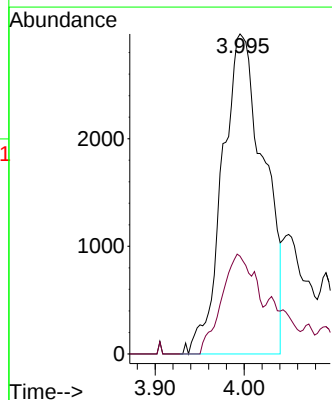
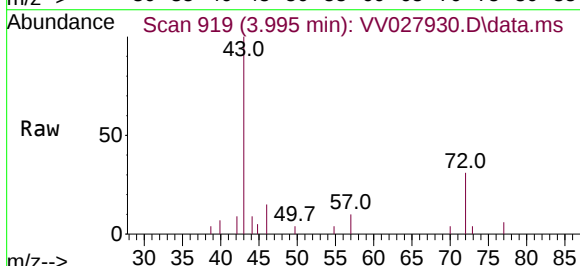
Acq: 19 Sep 2022 16:28

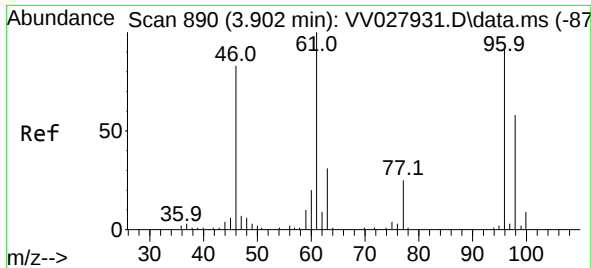
Tgt Ion: 43 Resp: 9654

Ion Ratio Lower Upper

43 100

72 25.6 14.9 44.9



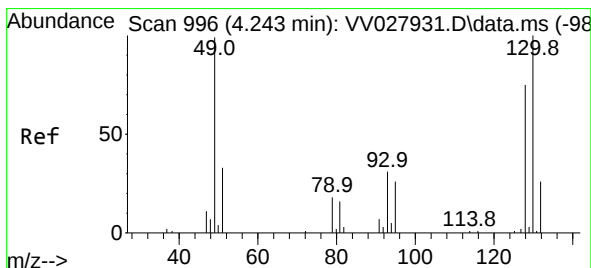
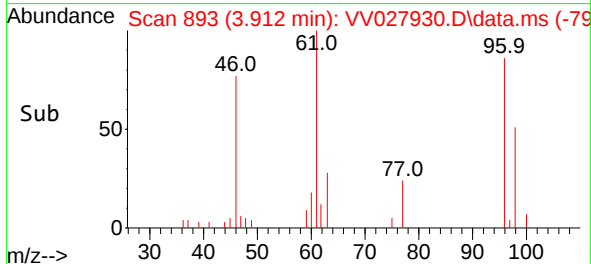
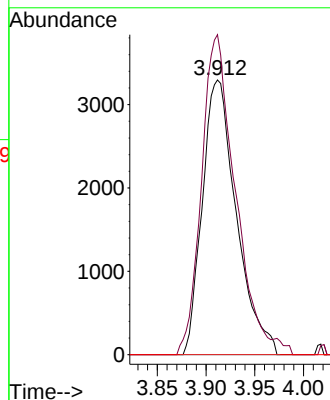
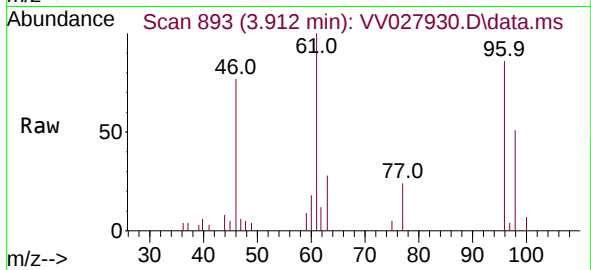


#22
 cis-1,2-Dichloroethene
 Concen: 0.964 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.010 min
 Lab File: VV027930.D
 Acq: 19 Sep 2022 16:28

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001241

Tgt Ion: 96 Resp: 7989

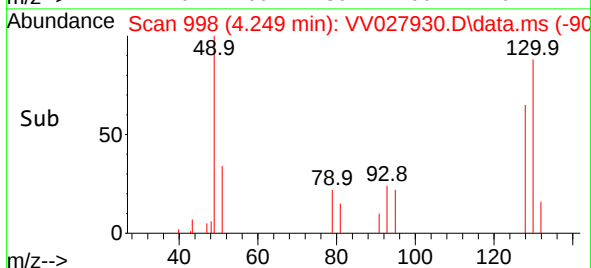
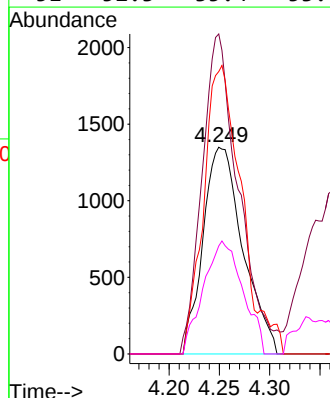
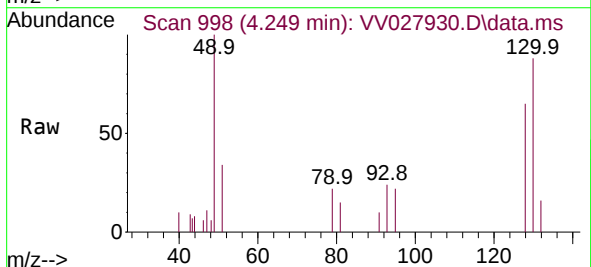
Ion	Ratio	Lower	Upper
96	100		
61	116.5	76.6	142.3
68	0.0	0.0	0.0

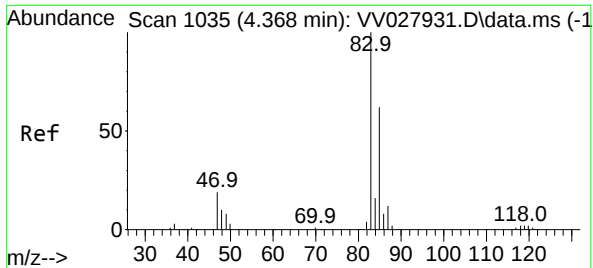


#23
 Bromochloromethane
 Concen: 1.053 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VV027930.D
 Acq: 19 Sep 2022 16:28

Tgt Ion: 128 Resp: 3729

Ion	Ratio	Lower	Upper
128	100		
49	154.9	93.4	173.6
130	136.7	93.9	174.5
51	52.3	35.4	53.0

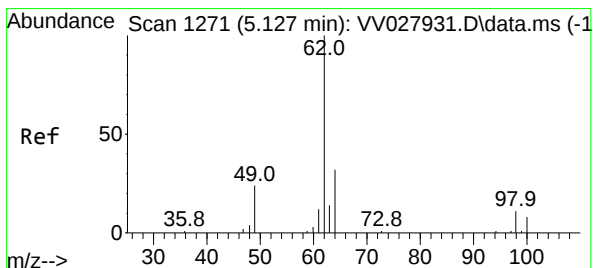
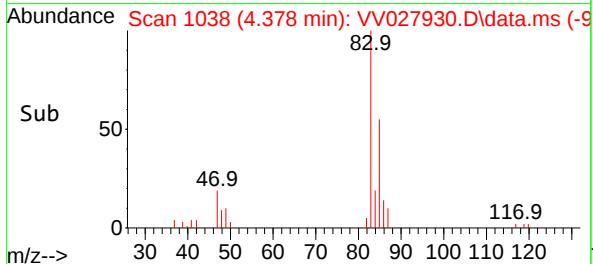
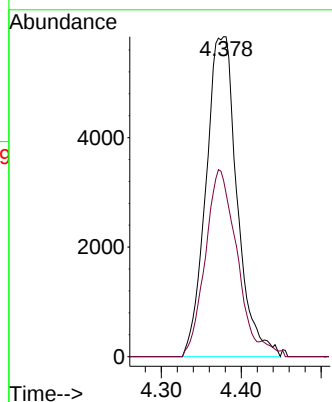
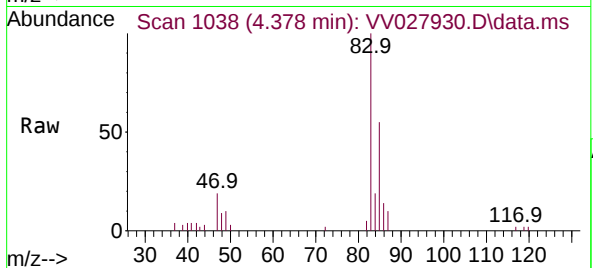




#25
Chloroform
Concen: 1.013 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.010 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

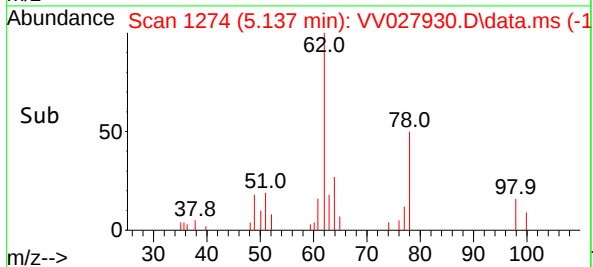
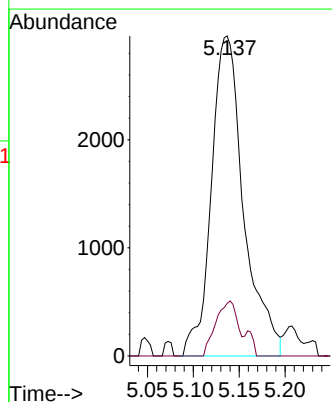
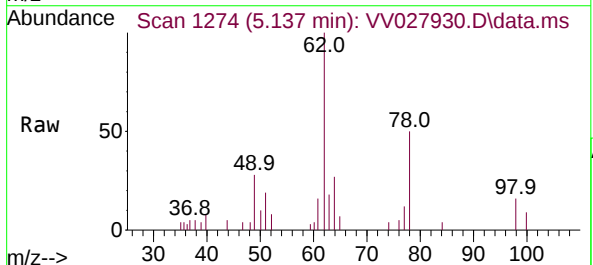
Instrument :
MSVOA_V
ClientSampleId :
VSTD001241

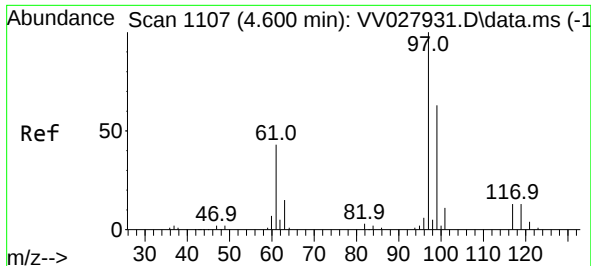
Tgt Ion: 83 Resp: 15825
Ion Ratio Lower Upper
83 100
85 55.1 44.0 81.8



#27
1,2-Dichloroethane
Concen: 0.799 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.010 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

Tgt Ion: 62 Resp: 7269
Ion Ratio Lower Upper
62 100
98 16.4 8.7 13.1#





#29

1,1,1-Trichloroethane

Concen: 0.776 ug/L

RT: 4.606 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD001241

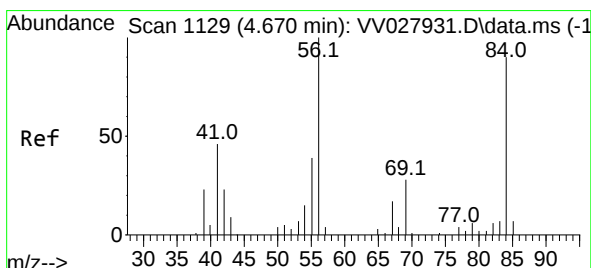
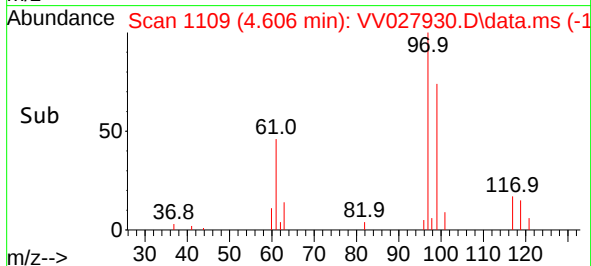
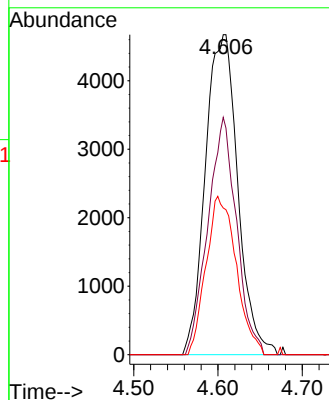
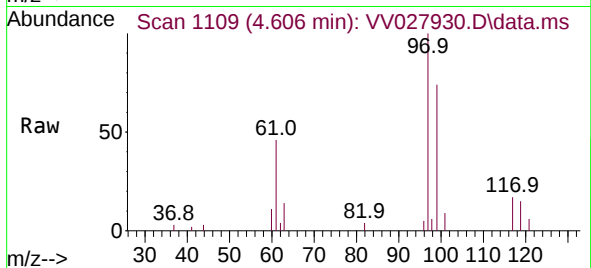
Tgt Ion: 97 Resp: 12502

Ion Ratio Lower Upper

97 100

99 65.3 51.3 76.9

61 46.1 33.6 50.4



#30

Cyclohexane

Concen: 0.613 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

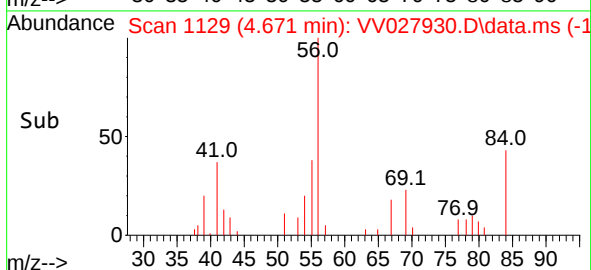
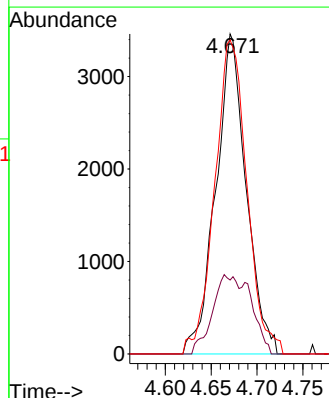
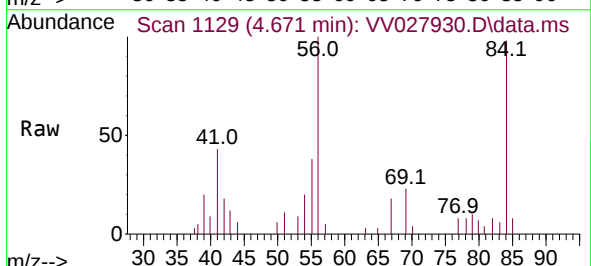
Tgt Ion: 56 Resp: 7965

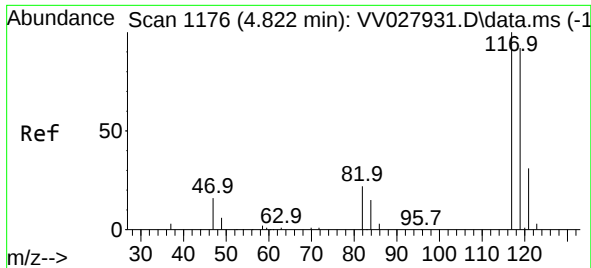
Ion Ratio Lower Upper

56 100

69 20.5 24.2 36.2#

84 104.2 76.9 115.3

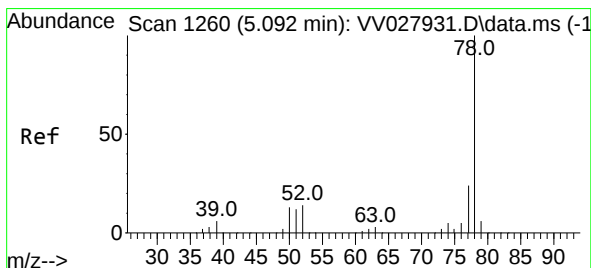
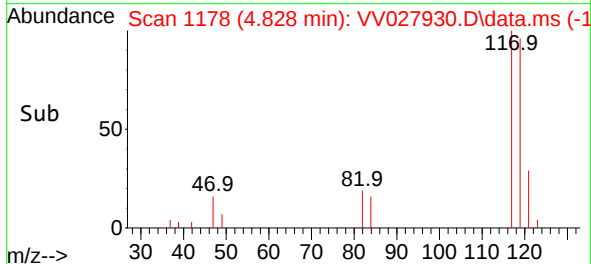
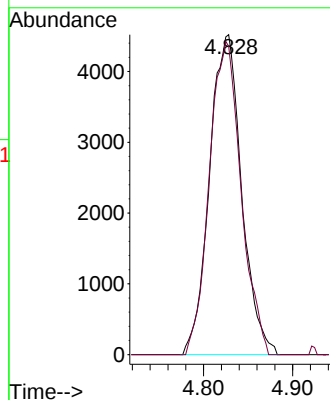
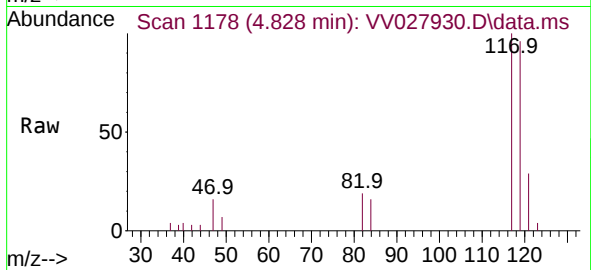




#31
Carbon tetrachloride
Concen: 0.819 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

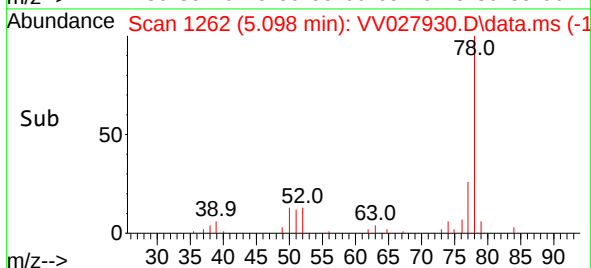
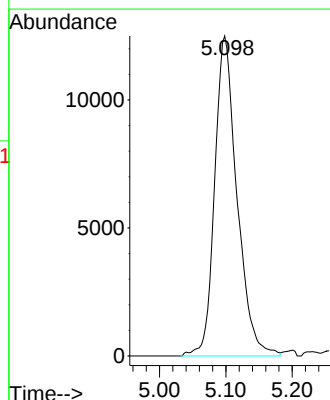
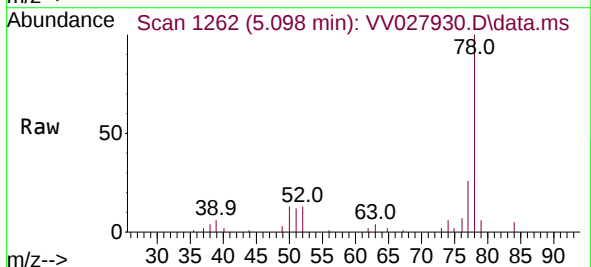
Instrument :
MSVOA_V
ClientSampleId :
VSTD001241

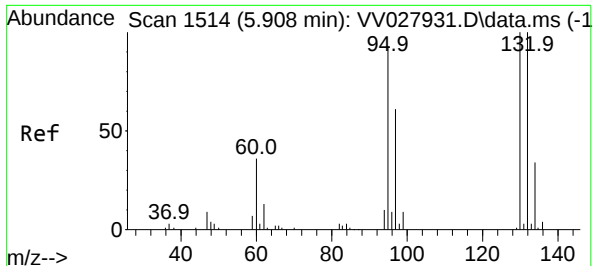
Tgt Ion:117 Resp: 11299
Ion Ratio Lower Upper
117 100
119 96.8 74.2 111.4



#33
Benzene
Concen: 0.821 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

Tgt Ion: 78 Resp: 29292



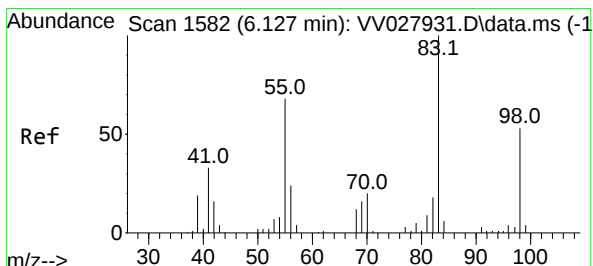
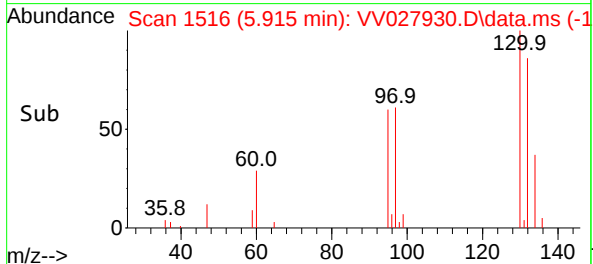
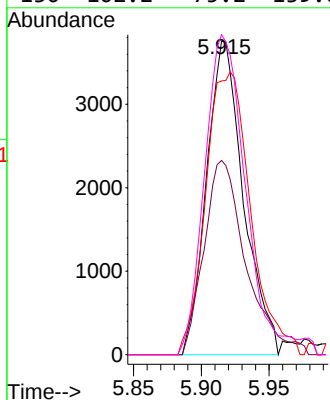
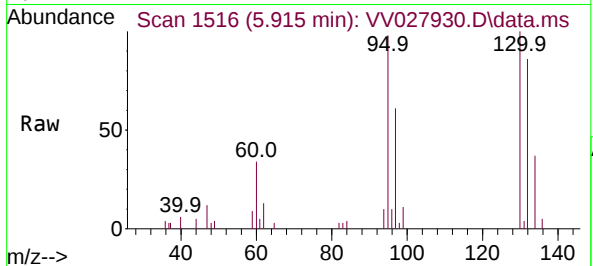


#34
Trichloroethene
Concen: 0.809 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD001241

Tgt Ion: 95 Resp: 7122

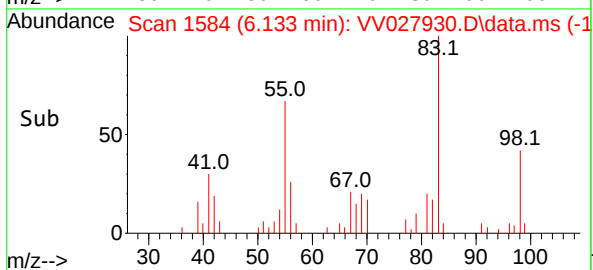
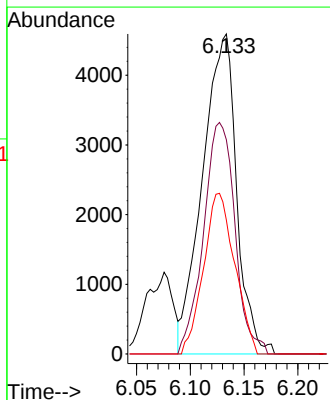
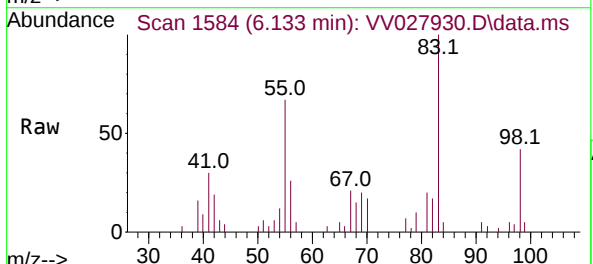
Ion	Ratio	Lower	Upper
95	100		
97	62.0	46.1	85.7
132	87.4	75.2	139.6
130	102.2	75.2	139.6

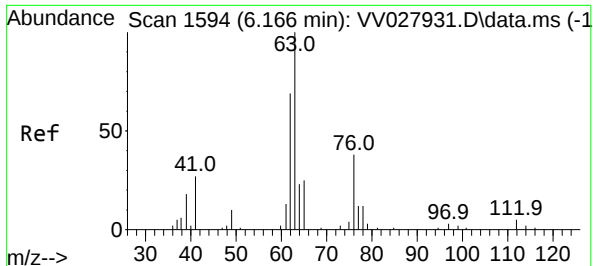


#35
Methylcyclohexane
Concen: 0.758 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

Tgt Ion: 83 Resp: 10121

Ion	Ratio	Lower	Upper
83	100		
55	66.8	54.5	81.7
98	45.9	39.6	59.4





#37

1,2-Dichloropropane

Concen: 0.958 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

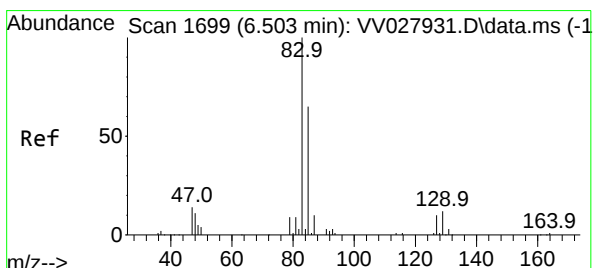
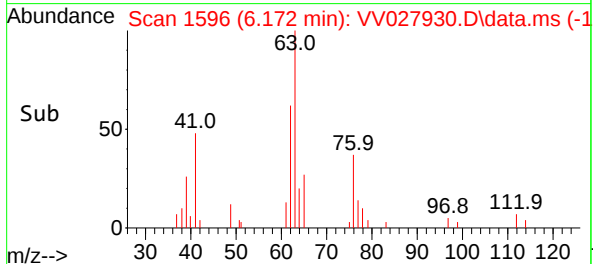
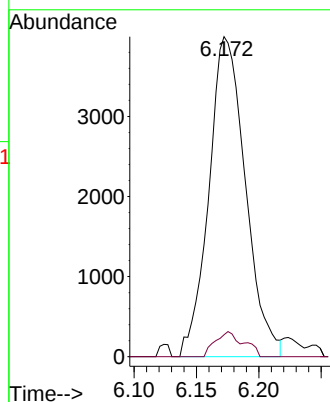
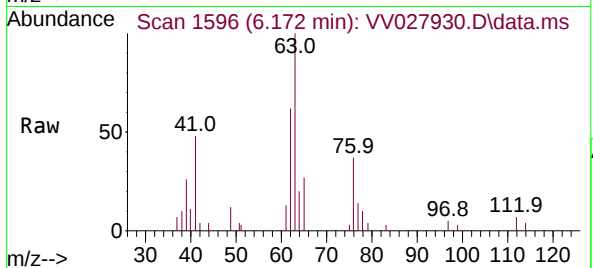
VSTD001241

Tgt Ion: 63 Resp: 8150

Ion Ratio Lower Upper

63 100

112 6.0 3.8 5.8#



#38

Bromodichloromethane

Concen: 0.921 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

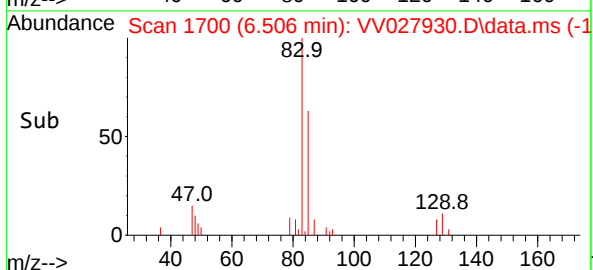
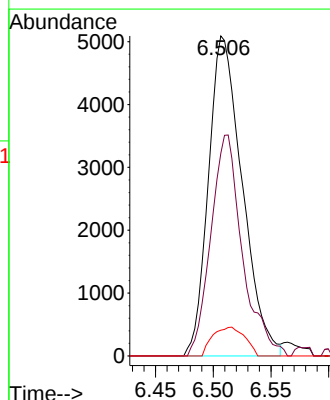
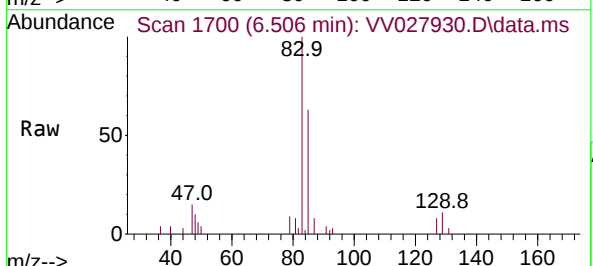
Tgt Ion: 83 Resp: 10362

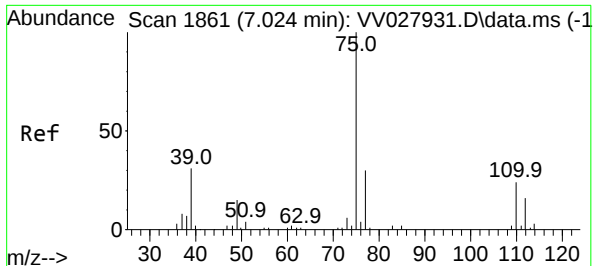
Ion Ratio Lower Upper

83 100

85 63.4 45.3 84.1

127 8.1 7.9 11.9





#39

cis-1,3-Dichloropropene

Concen: 0.904 ug/L

RT: 7.031 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

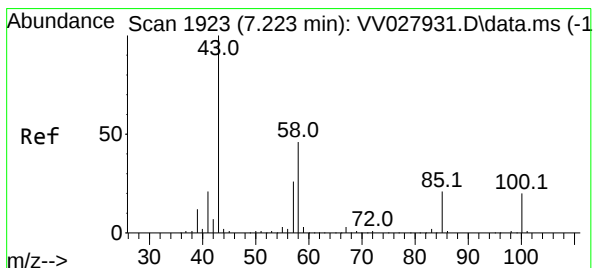
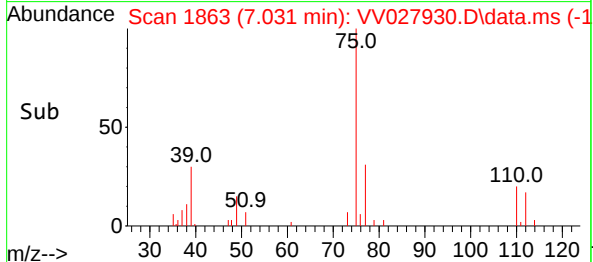
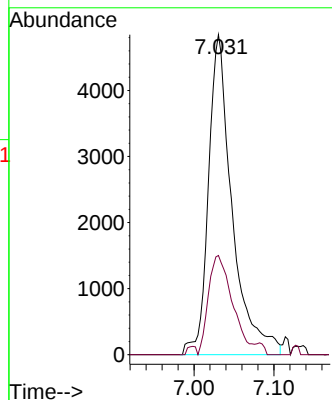
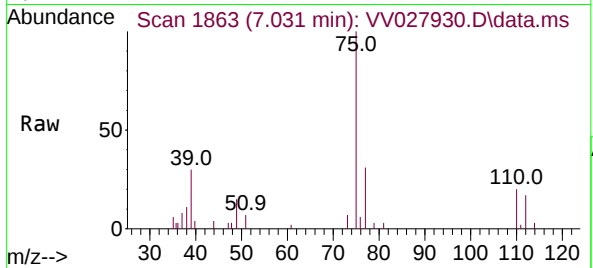
VSTD001241

Tgt Ion: 75 Resp: 9979

Ion Ratio Lower Upper

75 100

77 31.0 21.1 39.3



#40

4-Methyl-2-pentanone

Concen: 7.204 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

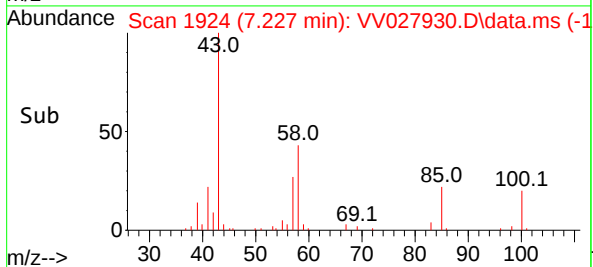
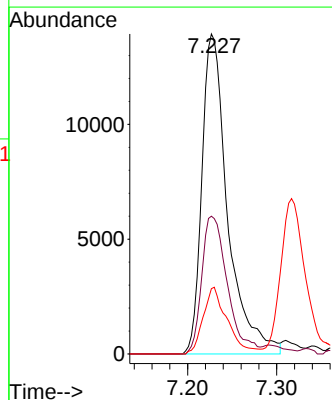
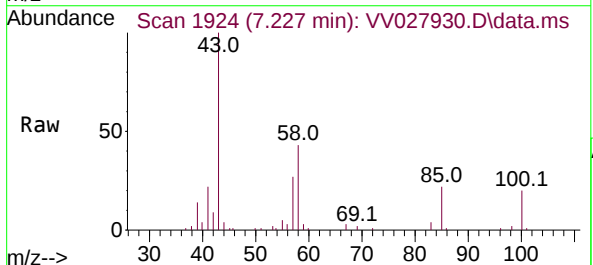
Tgt Ion: 43 Resp: 28036

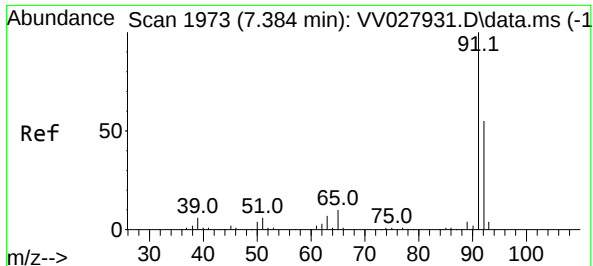
Ion Ratio Lower Upper

43 100

58 42.8 35.3 52.9

100 19.6 15.3 22.9





#42

Toluene

Concen: 0.884 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

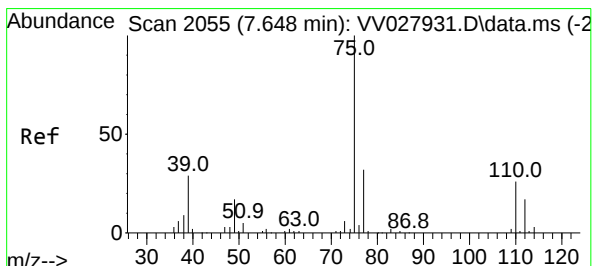
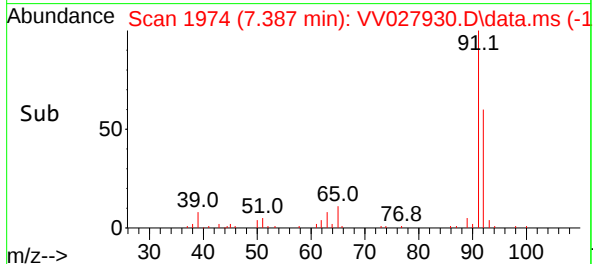
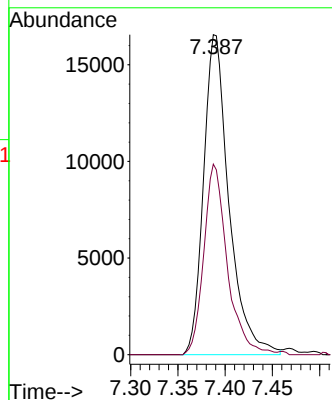
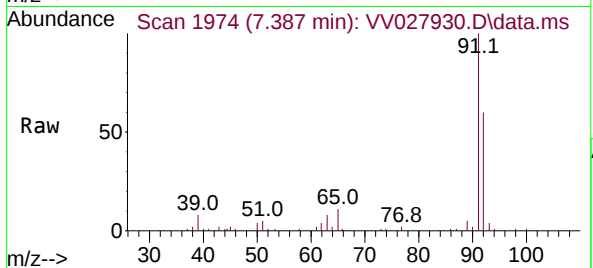
VSTD001241

Tgt Ion: 91 Resp: 30955

Ion Ratio Lower Upper

91 100

92 59.5 38.5 71.5



#44

trans-1,3-Dichloropropene

Concen: 0.824 ug/L

RT: 7.658 min Scan# 2058

Delta R.T. 0.010 min

Lab File: VV027930.D

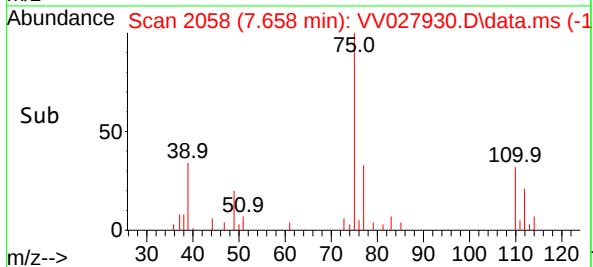
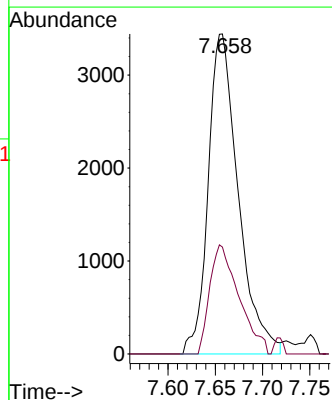
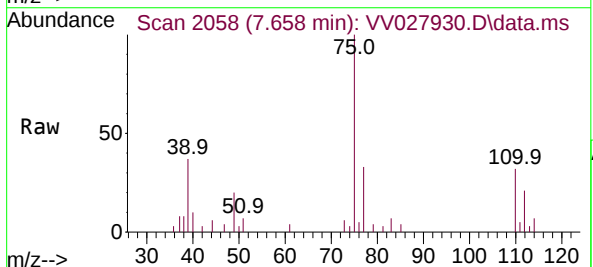
Acq: 19 Sep 2022 16:28

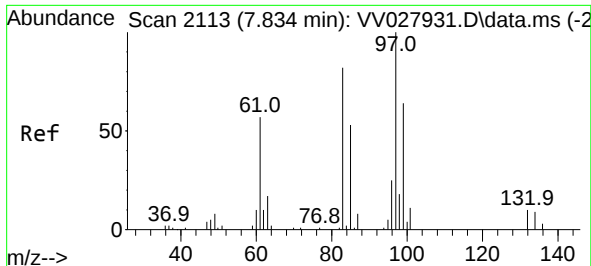
Tgt Ion: 75 Resp: 7602

Ion Ratio Lower Upper

75 100

77 33.4 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 1.085 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. 0.010 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD001241

Tgt Ion: 97 Resp: 6192

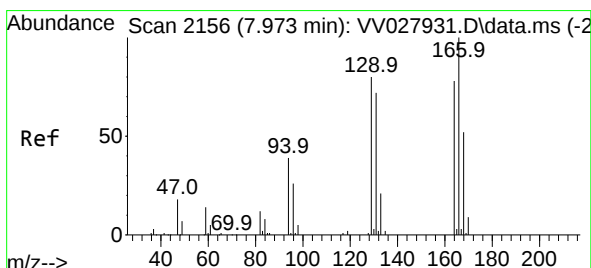
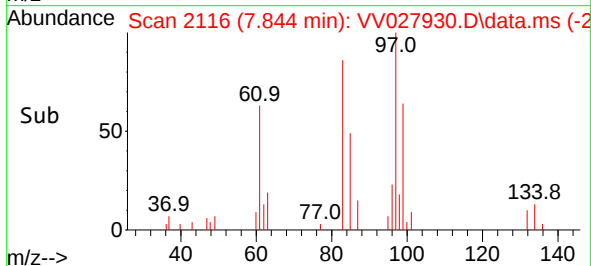
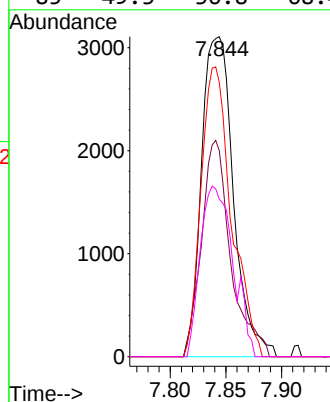
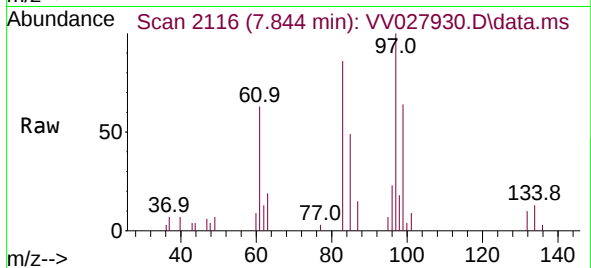
Ion Ratio Lower Upper

97 100

99 64.4 44.9 83.5

83 85.8 57.3 106.3

85 49.3 36.8 68.4



#47

Tetrachloroethene

Concen: 0.998 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

Tgt Ion:164 Resp: 7295

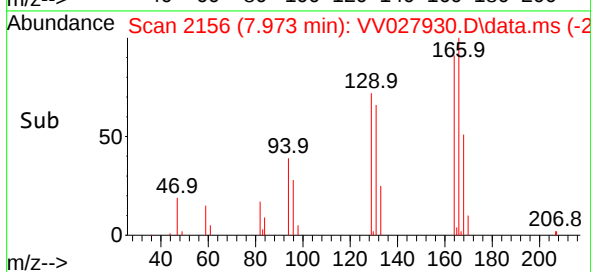
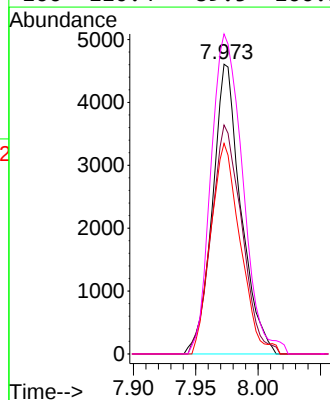
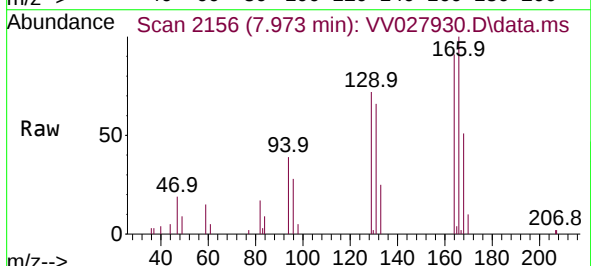
Ion Ratio Lower Upper

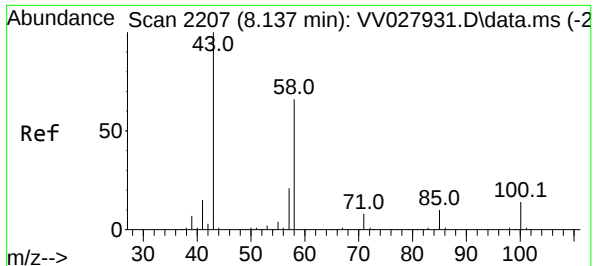
164 100

129 79.0 71.3 132.3

131 72.7 64.5 119.7

166 110.4 89.5 166.1

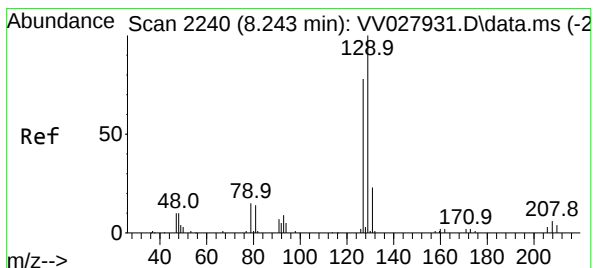
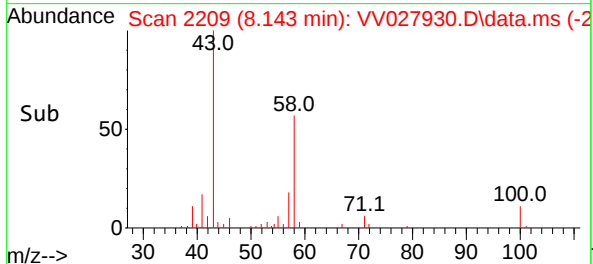
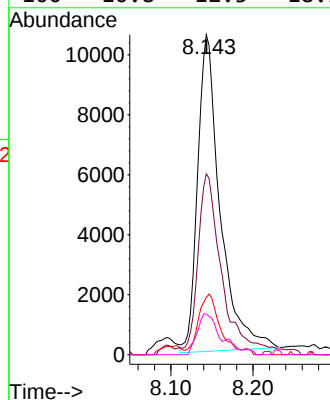
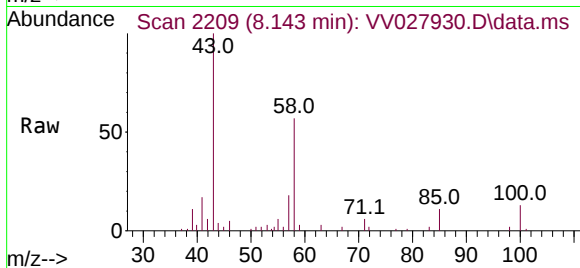




#48
2-Hexanone
Concen: 7.249 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

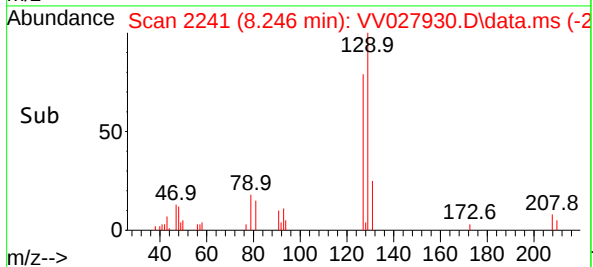
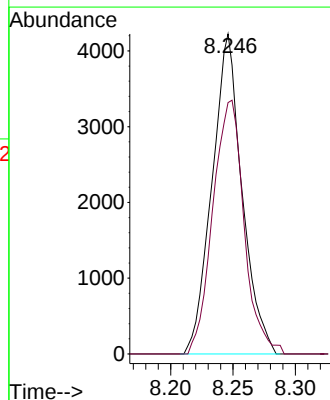
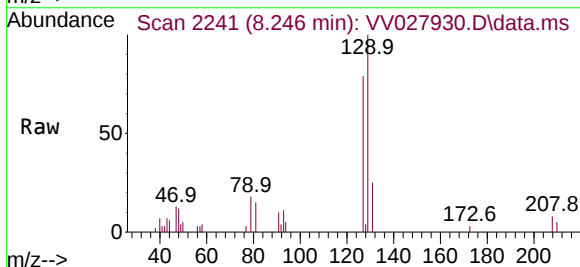
Instrument :
MSVOA_V
ClientSampleId :
VSTD001241

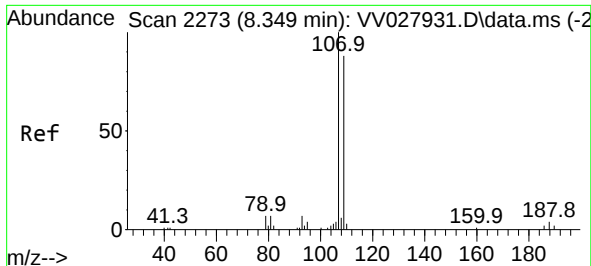
Tgt Ion:	43	Resp:	20175
Ion	Ratio	Lower	Upper
43	100		
58	57.9	50.6	76.0
57	16.0	16.2	24.4#
100	10.8	12.3	18.5#



#49
Dibromochloromethane
Concen: 0.978 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

Tgt Ion:	129	Resp:	7077
Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.3	100.9





#50

1,2-Dibromoethane

Concen: 0.964 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

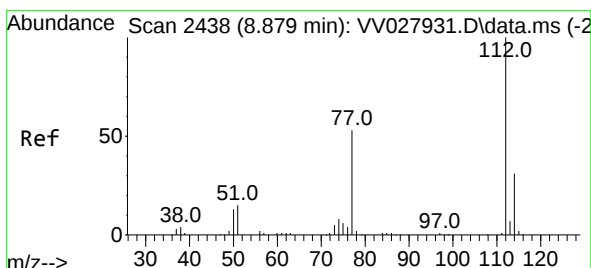
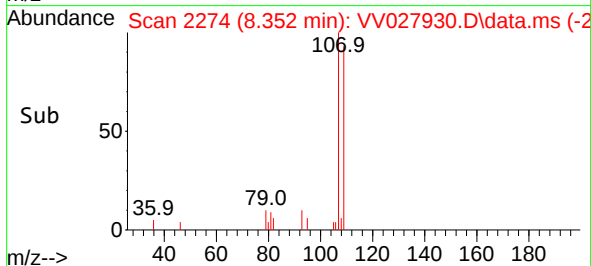
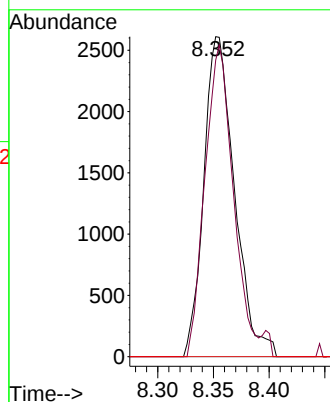
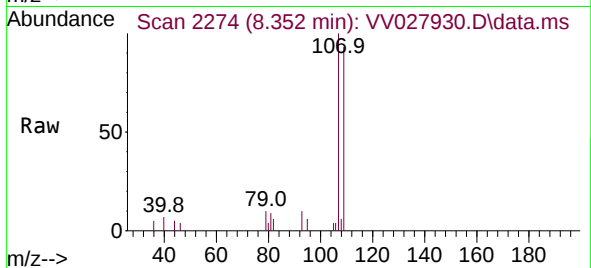
Instrument :

MSVOA_V

ClientSampleId :

VSTD001241

Tgt Ion:	107	Resp:	5003
Ion	Ratio	Lower	Upper
107	100		
109	92.7	61.4	114.0
188	0.0	3.1	4.7#



#51

Chlorobenzene

Concen: 0.971 ug/L

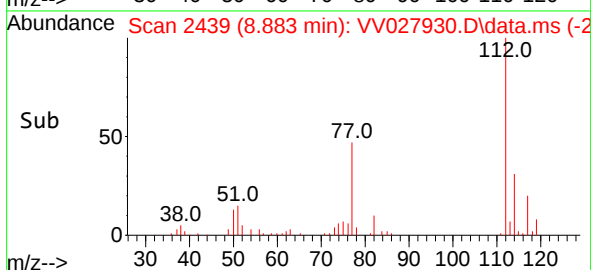
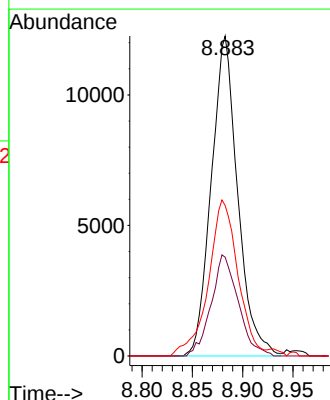
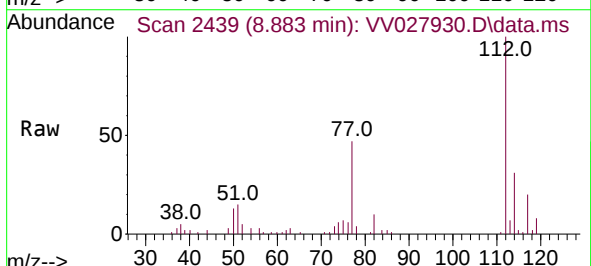
RT: 8.883 min Scan# 2439

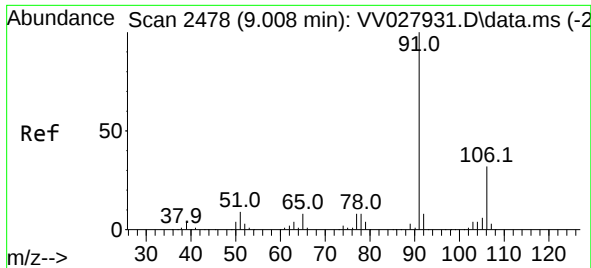
Delta R.T. 0.003 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

Tgt Ion:	112	Resp:	22379
Ion	Ratio	Lower	Upper
112	100		
114	30.9	22.0	40.8
77	47.0	42.7	64.1





#52

Ethylbenzene

Concen: 0.860 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

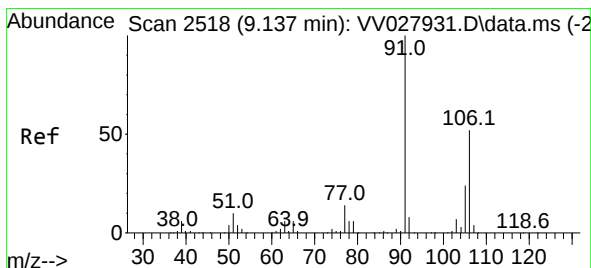
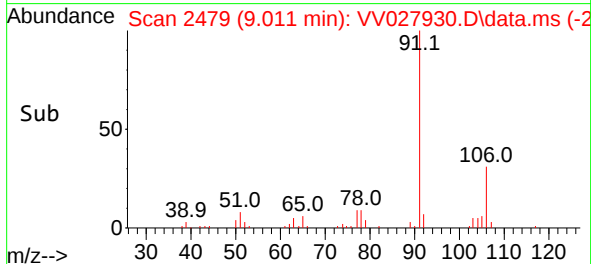
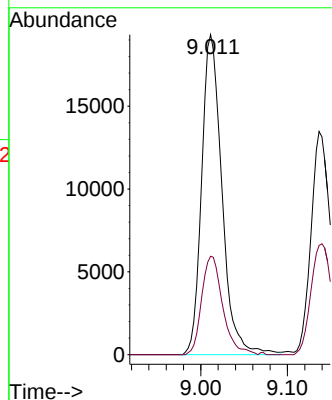
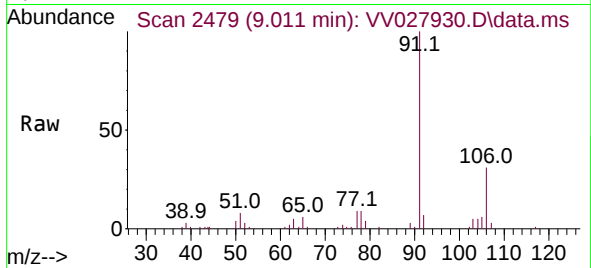
VSTD001241

Tgt Ion: 91 Resp: 31488

Ion Ratio Lower Upper

91 100

106 30.8 22.2 41.2



#53

m,p-Xylene

Concen: 0.822 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV027930.D

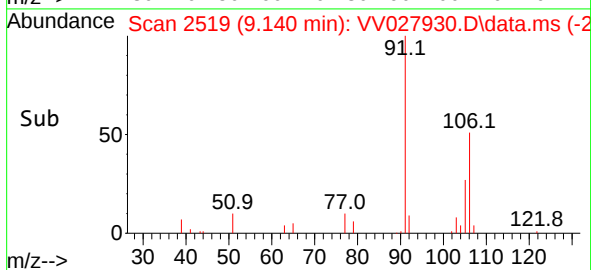
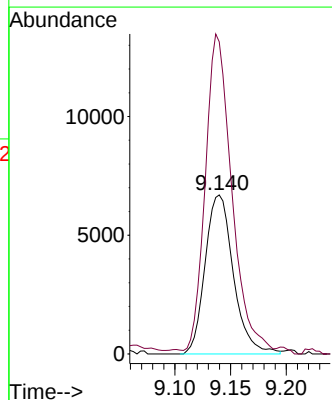
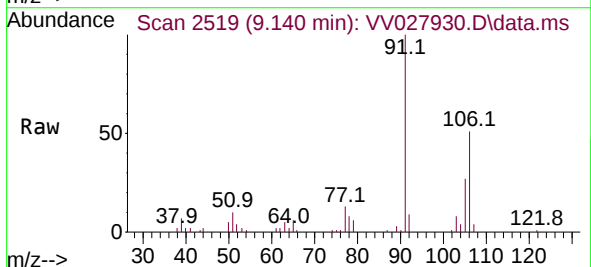
Acq: 19 Sep 2022 16:28

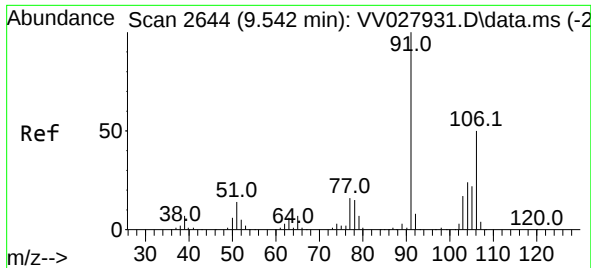
Tgt Ion: 106 Resp: 11824

Ion Ratio Lower Upper

106 100

91 196.3 134.7 250.1

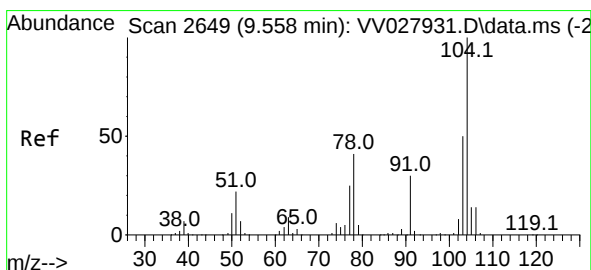
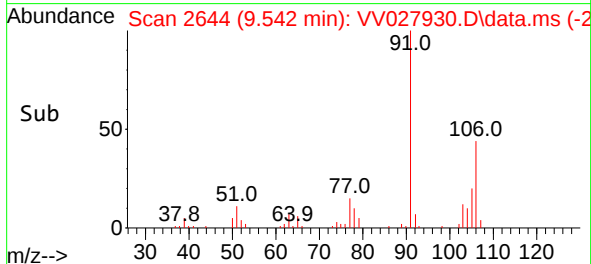
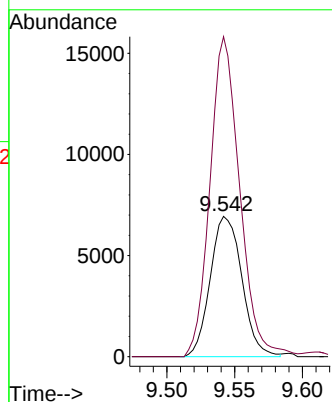
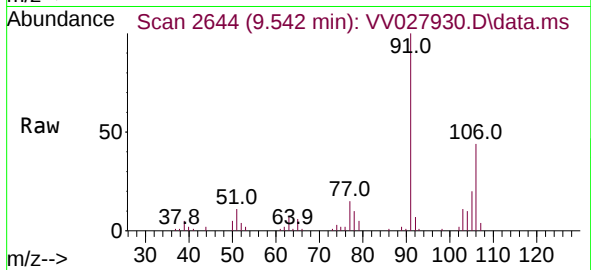




#54
o-Xylene
Concen: 0.818 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

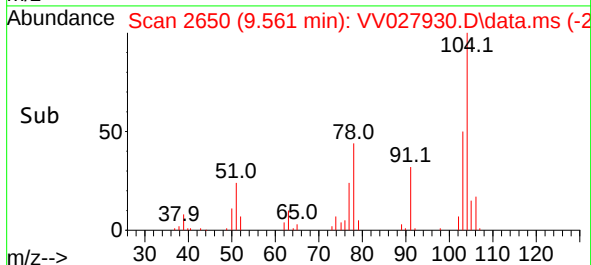
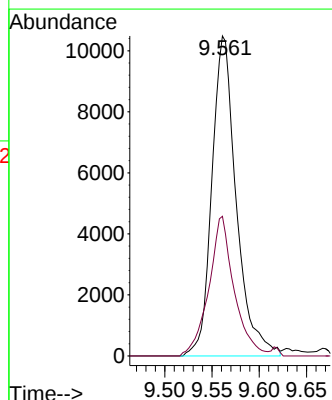
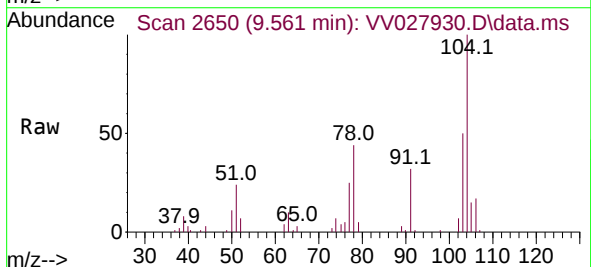
Instrument :
MSVOA_V
ClientSampleId :
VSTD001241

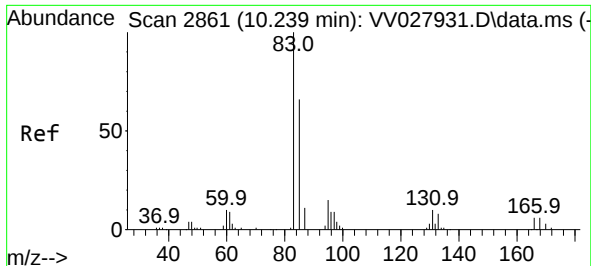
Tgt Ion:106 Resp: 11263
Ion Ratio Lower Upper
106 100
91 228.0 139.4 259.0



#55
Styrene
Concen: 0.788 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

Tgt Ion:104 Resp: 18821
Ion Ratio Lower Upper
104 100
78 43.6 28.4 52.8

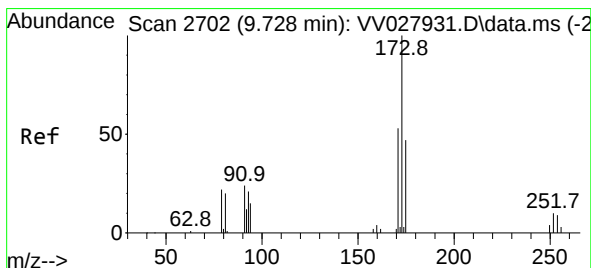
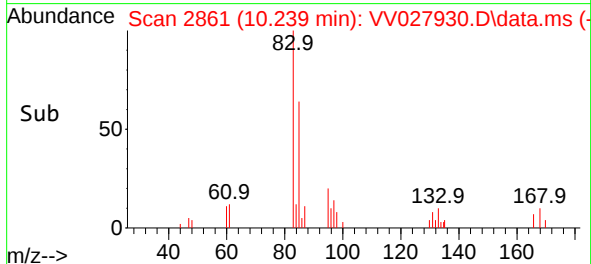
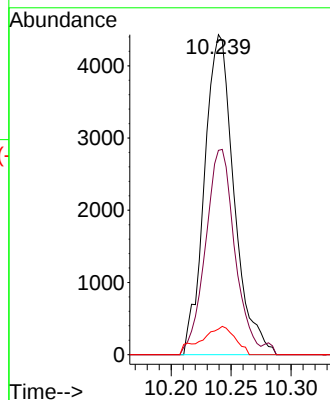
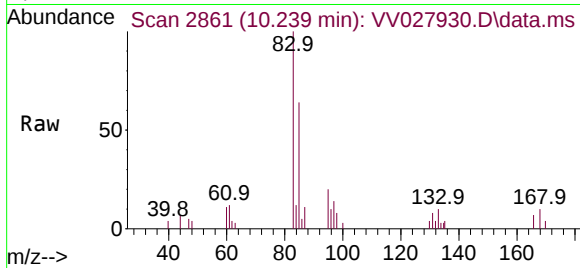




#57
 1,1,2,2-Tetrachloroethane
 Concen: 1.160 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV027930.D
 Acq: 19 Sep 2022 16:28

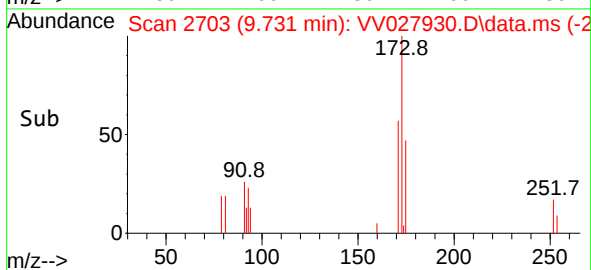
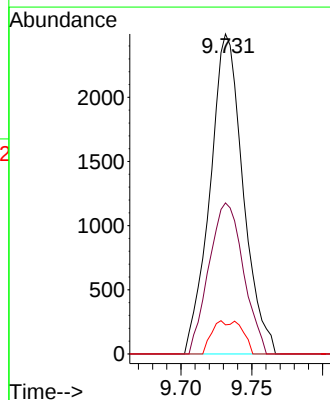
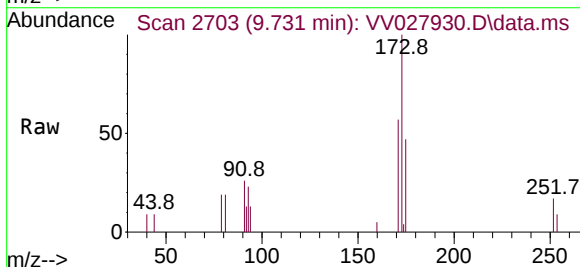
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001241

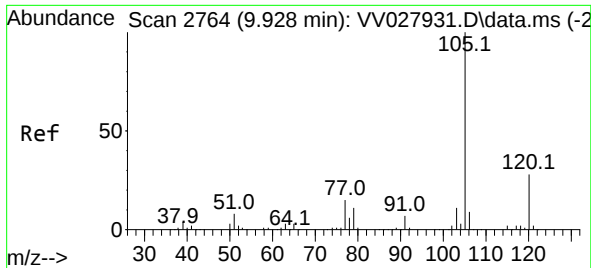
Tgt Ion: 83 Resp: 7598
 Ion Ratio Lower Upper
 83 100
 85 63.8 46.5 86.3
 131 8.0 8.3 12.5#



#59
 Bromoform
 Concen: 1.146 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV027930.D
 Acq: 19 Sep 2022 16:28

Tgt Ion: 173 Resp: 4034
 Ion Ratio Lower Upper
 173 100
 175 49.3 37.5 56.3
 254 9.5 7.3 10.9

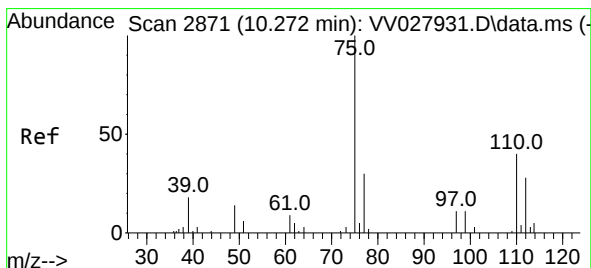
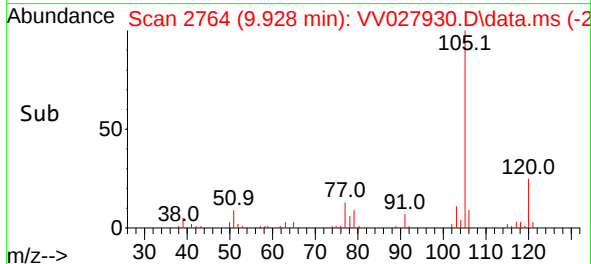
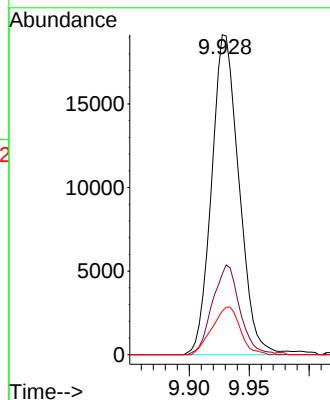
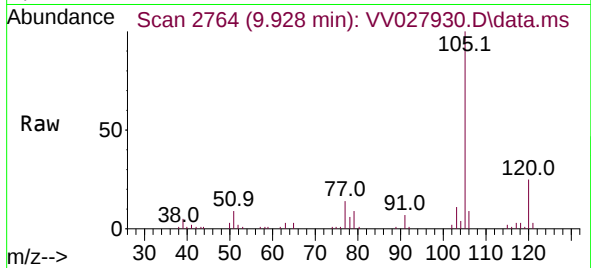




#60
Isopropylbenzene
Concen: 0.866 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

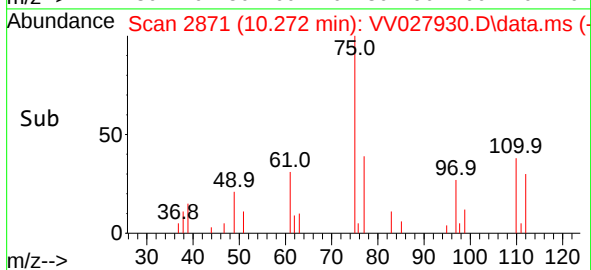
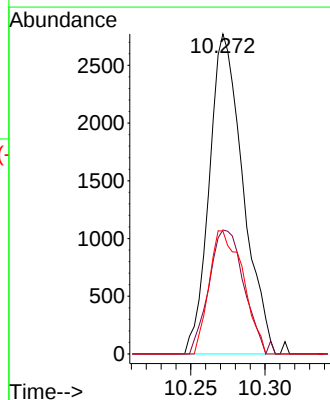
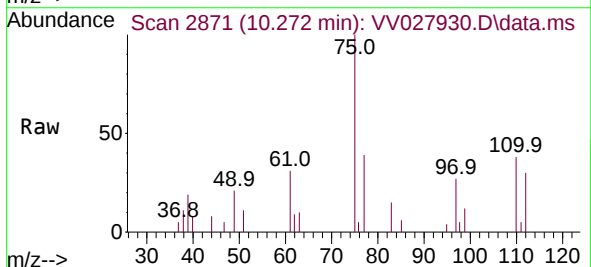
Instrument :
MSVOA_V
ClientSampleId :
VSTD001241

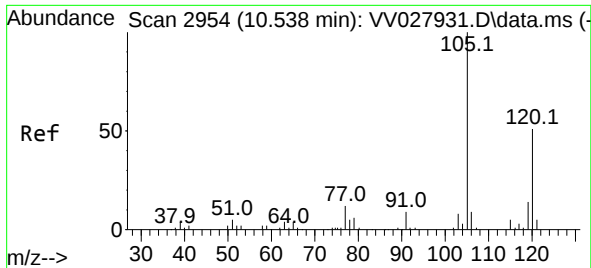
Tgt Ion:	105	Resp:	30315
Ion Ratio	Lower	Upper	
105	100		
120	27.9	22.3	33.5
77	15.3	11.7	17.5



#61
1,2,3-Trichloropropane
Concen: 0.965 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

Tgt Ion:	75	Resp:	4367
Ion Ratio	Lower	Upper	
75	100		
77	40.4	26.1	39.1#
110	38.7	31.3	46.9

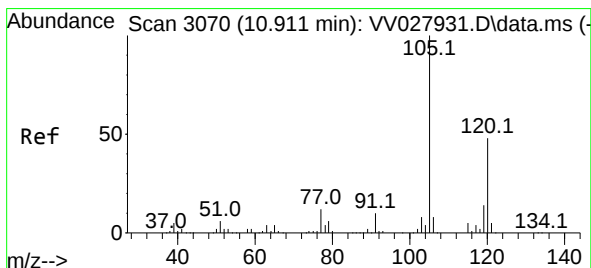
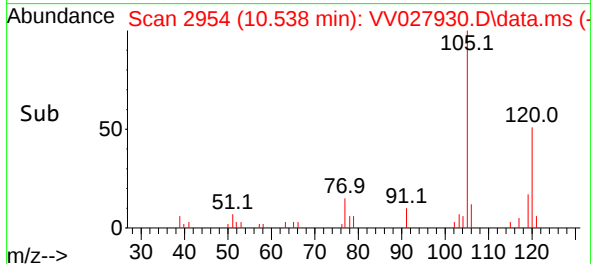
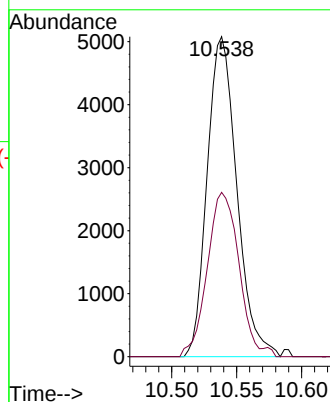
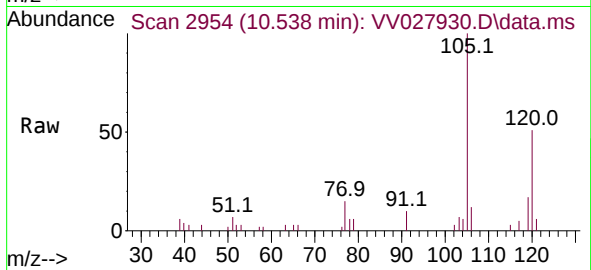




#62
 1,3,5-Trimethylbenzene
 Concen: 0.821 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV027930.D
 Acq: 19 Sep 2022 16:28

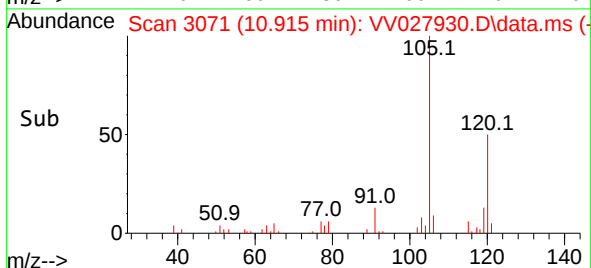
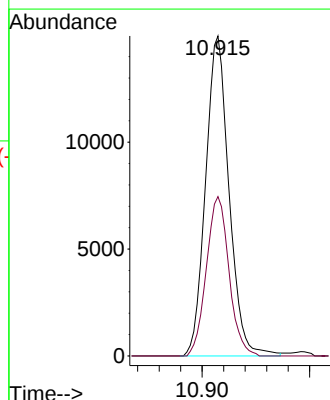
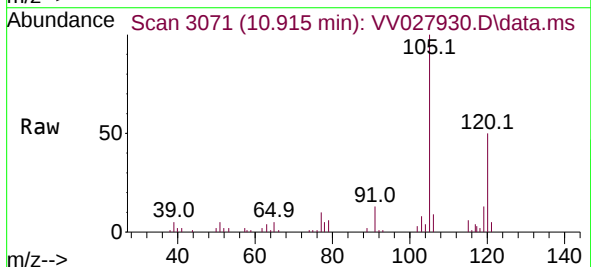
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001241

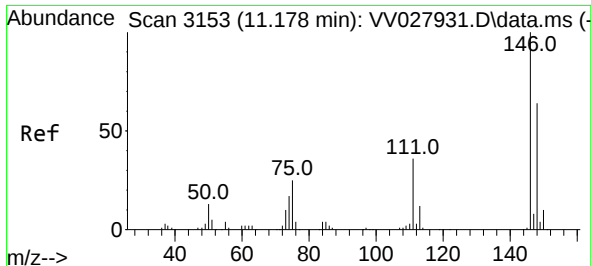
Tgt Ion:105 Resp: 8065
 Ion Ratio Lower Upper
 105 100
 120 55.0 40.2 60.2



#63
 1,2,4-Trimethylbenzene
 Concen: 0.802 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV027930.D
 Acq: 19 Sep 2022 16:28

Tgt Ion:105 Resp: 22624
 Ion Ratio Lower Upper
 105 100
 120 48.2 37.9 56.9

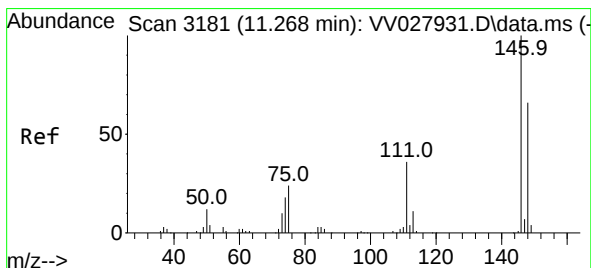
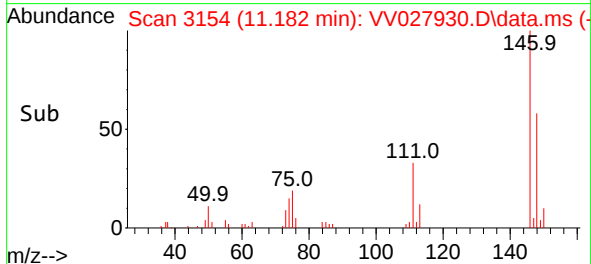
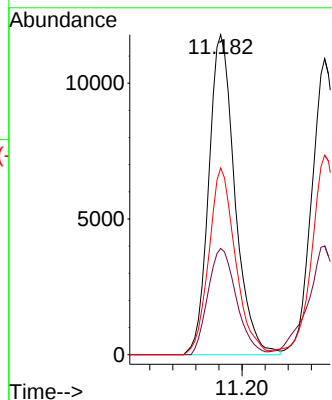
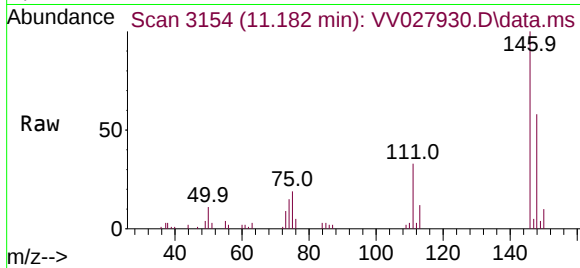




#64
1,3-Dichlorobenzene
Concen: 1.025 ug/L
RT: 11.182 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

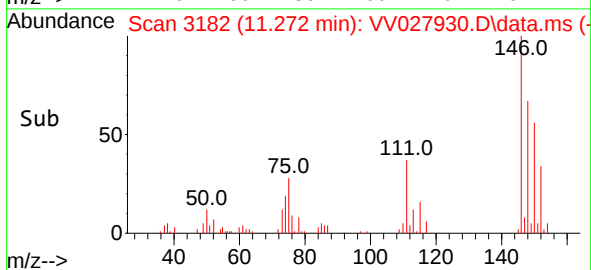
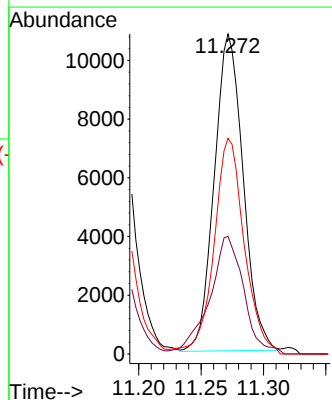
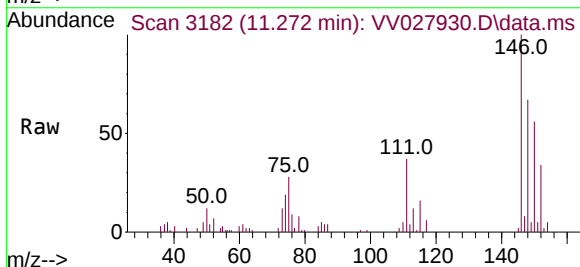
Instrument :
MSVOA_V
ClientSampleId :
VSTD001241

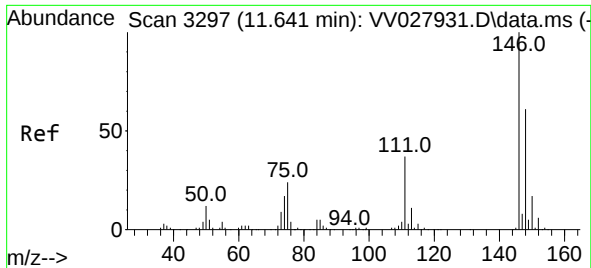
Tgt Ion:146 Resp: 18537
Ion Ratio Lower Upper
146 100
111 33.2 25.3 46.9
148 58.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 0.955 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

Tgt Ion:146 Resp: 17428
Ion Ratio Lower Upper
146 100
111 36.8 25.2 46.8
148 67.4 46.2 85.8

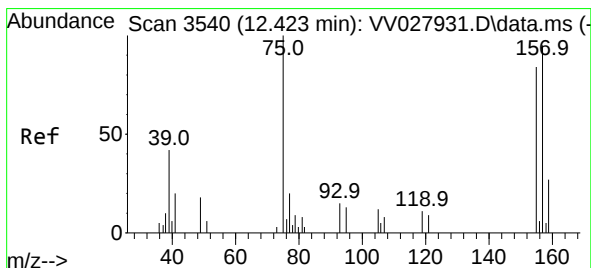
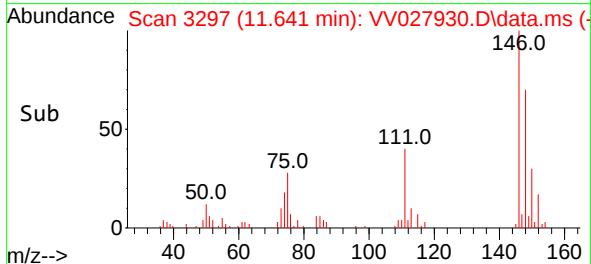
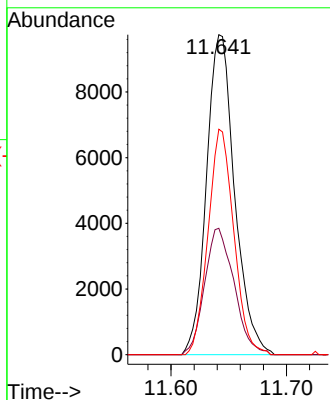
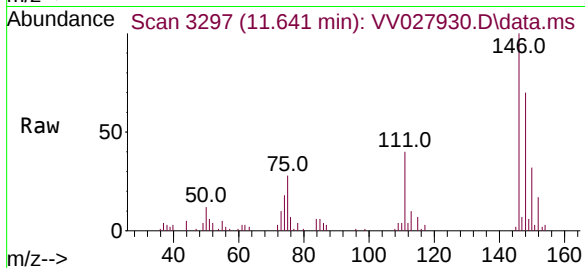




#67
1,2-Dichlorobenzene
Concen: 1.001 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

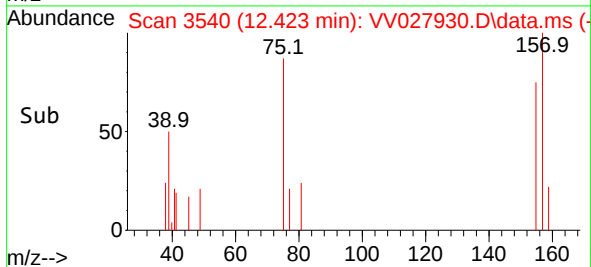
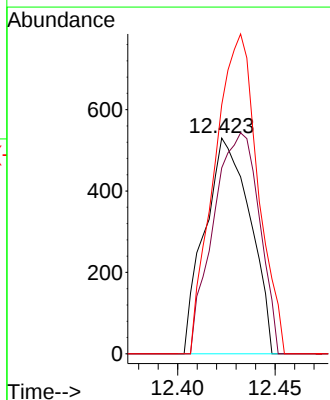
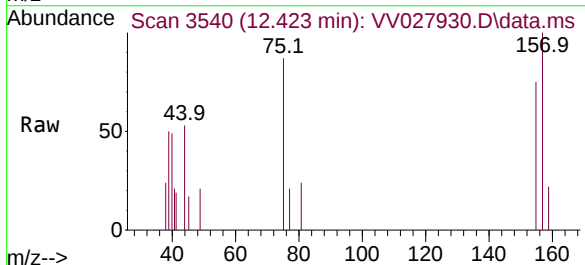
Instrument :
MSVOA_V
ClientSampleId :
VSTD001241

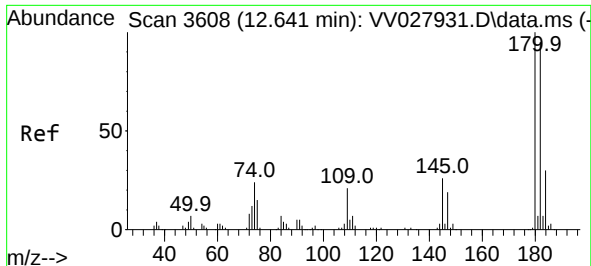
Tgt Ion:146 Resp: 16513
Ion Ratio Lower Upper
146 100
111 39.5 29.7 44.5
148 70.4 48.7 73.1



#68
1,2-Dibromo-3-chloropropane
Concen: 0.874 ug/L
RT: 12.423 min Scan# 3540
Delta R.T. 0.000 min
Lab File: VV027930.D
Acq: 19 Sep 2022 16:28

Tgt Ion: 75 Resp: 858
Ion Ratio Lower Upper
75 100
155 86.2 67.6 101.4
157 115.5 75.9 113.9#

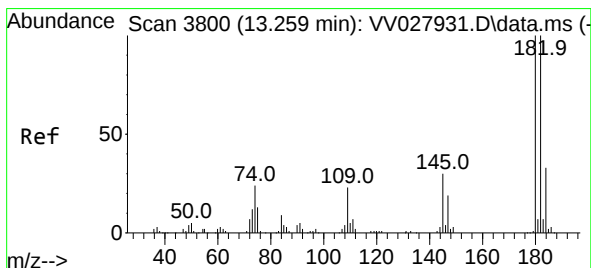
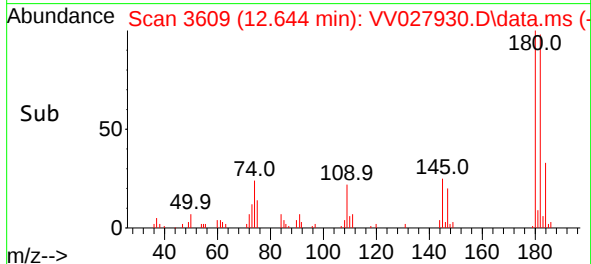
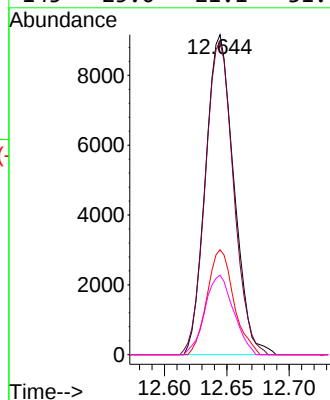
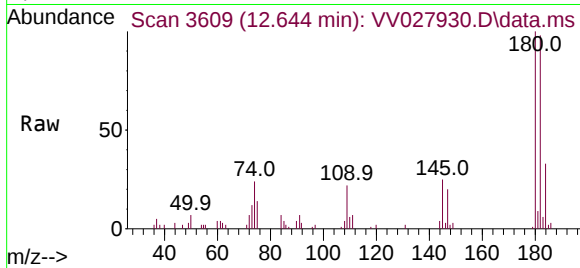




#69
 1,3,5-Trichlorobenzene
 Concen: 1.039 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV027930.D
 Acq: 19 Sep 2022 16:28

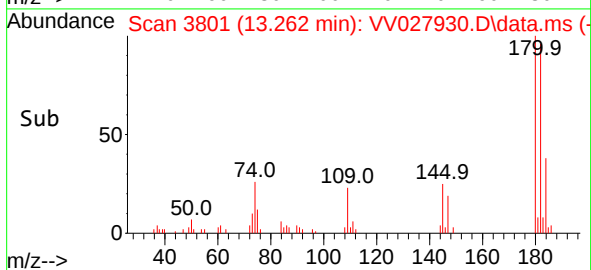
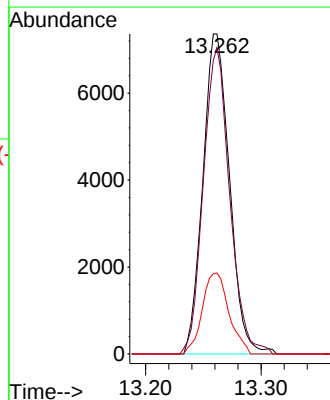
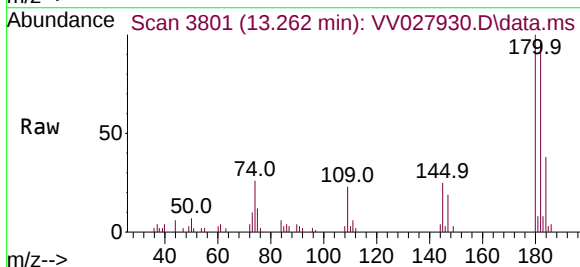
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001241

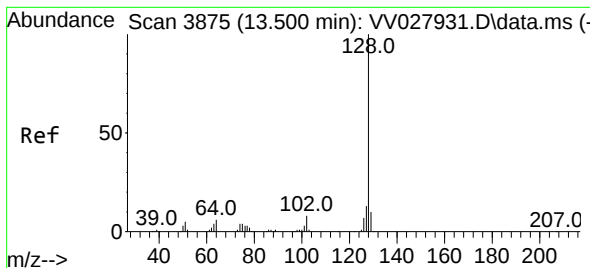
Tgt Ion:180	Resp:	14489
Ion Ratio	Lower	Upper
180	100	
182	97.3	76.7 115.1
184	30.9	24.6 37.0
145	25.0	21.1 31.7



#70
 1,2,4-trichlorobenzene
 Concen: 1.051 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV027930.D
 Acq: 19 Sep 2022 16:28

Tgt Ion:180	Resp:	11775
Ion Ratio	Lower	Upper
180	100	
182	94.7	76.7 115.1
145	25.3	23.0 34.4





#71

Naphthalene

Concen: 0.880 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. 0.003 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD001241

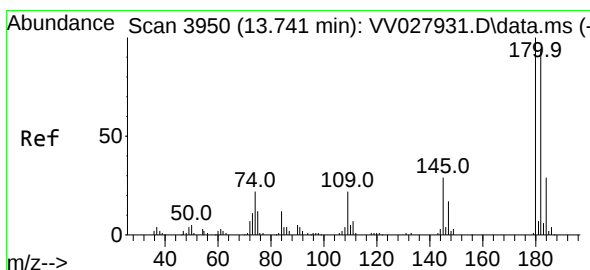
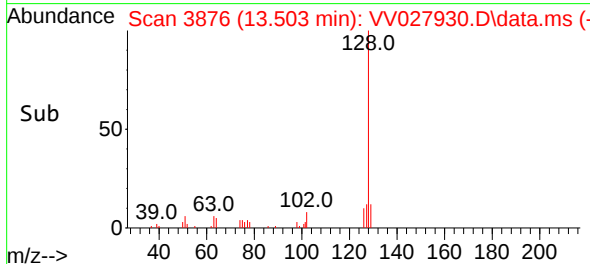
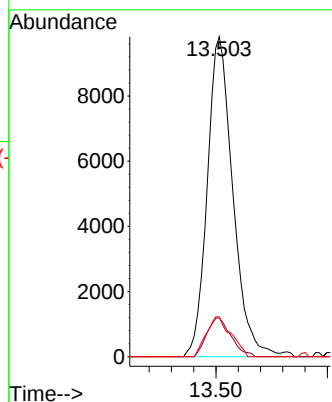
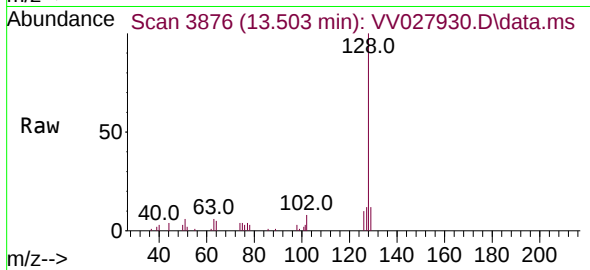
Tgt Ion:128 Resp: 15655

Ion Ratio Lower Upper

128 100

129 11.4 8.2 12.2

127 11.9 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 0.963 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV027930.D

Acq: 19 Sep 2022 16:28

Tgt Ion:180 Resp: 9635

Ion Ratio Lower Upper

180 100

182 101.4 74.2 111.2

145 31.2 23.9 35.9

