

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081922\
 Data File : VW027435.D
 Acq On : 19 Aug 2022 10:14
 Operator : SY/MD
 Sample : VSTD00114
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001214

Quant Time: Aug 20 05:21:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:20:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	137084	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64653	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	9698	0.854	ug/L	0.00
7) Chloroethane-d5	1.568	69	7717	0.927	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	23162	1.064	ug/L	0.00
20) 2-Butanone-d5	3.928	46	6653	3.596	ug/L	0.03
24) Chloroform-d	4.352	84	19795	0.933	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	8036	0.805	ug/L	0.00
32) Benzene-d6	5.053	84	34787	0.868	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	10172	0.831	ug/L	0.00
41) Toluene-d8	7.320	98	29151	0.796	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	3458	0.814	ug/L	0.00
46) 2-Hexanone-d5	8.101	63	9180	5.784	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	7061	0.817	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	9455	0.873	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	15336	0.962	ug/L	99
3) Chloromethane	1.240	50	13559	0.870	ug/L	95
5) Vinyl chloride	1.310	62	13904	0.942	ug/L	96
6) Bromomethane	1.523	94	6719	0.968	ug/L	99
8) Chloroethane	1.584	64	9114	1.102	ug/L	97
9) Trichlorofluoromethane	1.754	101	21638	1.067	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	12104	1.211	ug/L	96
12) 1,1-Dichloroethene	2.117	96	10578	1.058	ug/L	82
13) Acetone	2.175	43	9607	6.840	ug/L	92
14) Carbon disulfide	2.294	76	30078	0.802	ug/L	97
15) Methyl Acetate	2.439	43	3389	0.902	ug/L #	89
16) Methylene chloride	2.506	84	18772	1.206	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	20562	0.894	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	11061	0.923	ug/L	96
19) 1,1-Dichloroethane	3.188	63	22792	0.977	ug/L	97
21) 2-Butanone	4.002	43	7401	3.770	ug/L	86
22) cis-1,2-Dichloroethene	3.915	96	11533	0.973	ug/L	97
23) Bromochloromethane	4.249	128	5364	0.976	ug/L	79
25) Chloroform	4.378	83	25842	1.067	ug/L	96
27) 1,2-Dichloroethane	5.137	62	12170	0.886	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	20904	1.046	ug/L	97
30) Cyclohexane	4.677	56	14264	0.900	ug/L	99
31) Carbon tetrachloride	4.828	117	18826	1.084	ug/L	99
33) Benzene	5.101	78	42929	0.902	ug/L	100
34) Trichloroethene	5.918	95	11964	1.005	ug/L	95
35) Methylcyclohexane	6.130	83	15655	0.967	ug/L	92
37) 1,2-Dichloropropane	6.178	63	12665	1.075	ug/L #	96
38) Bromodichloromethane	6.513	83	14770	0.963	ug/L #	97
39) cis-1,3-Dichloropropene	7.034	75	12173	0.836	ug/L	93
40) 4-Methyl-2-pentanone	7.230	43	45685	7.657	ug/L	95
42) Toluene	7.387	91	41876	0.881	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	11420	0.910	ug/L	99

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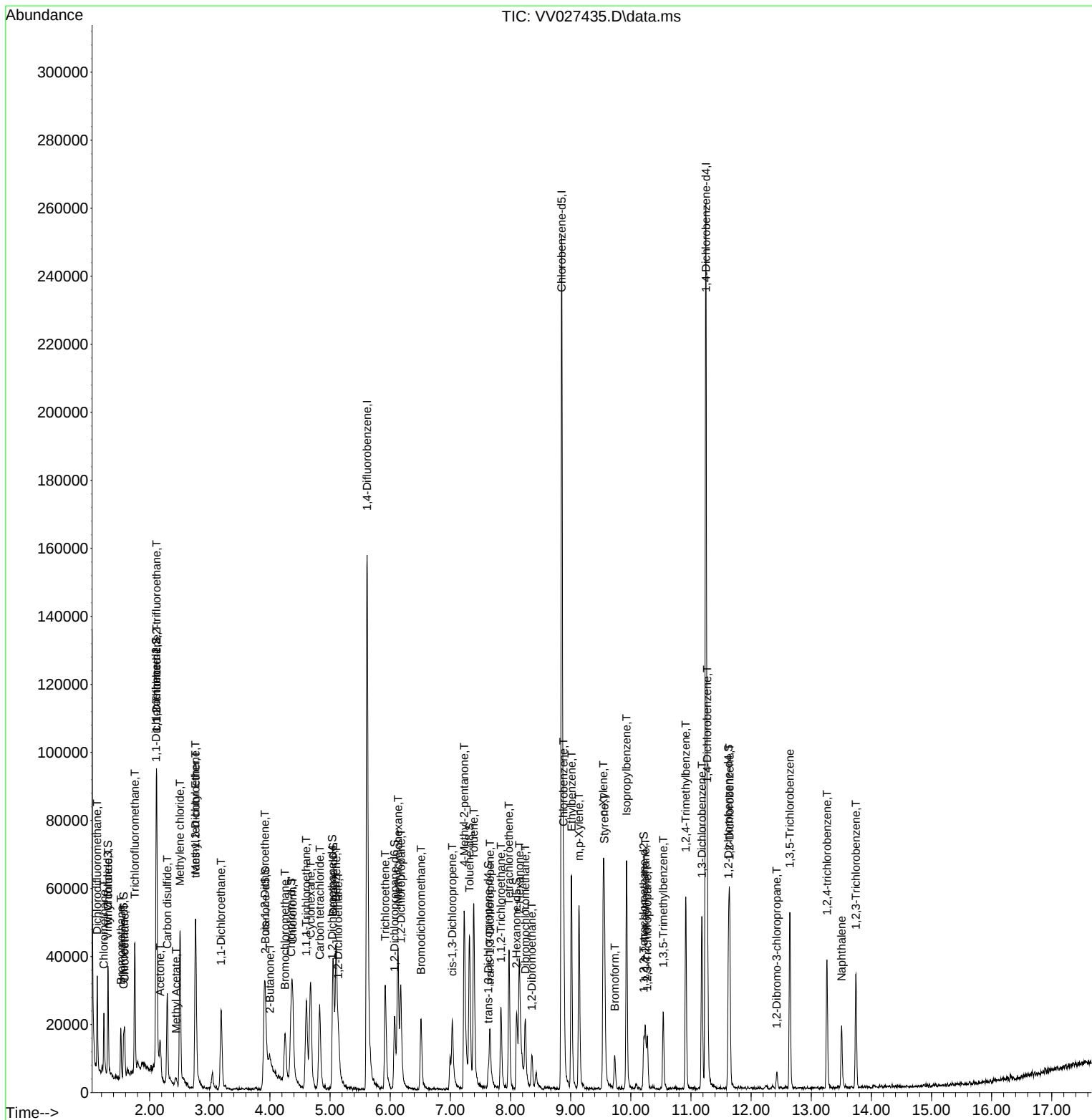
Quant Time: Aug 20 05:21:45 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:20:09 2022
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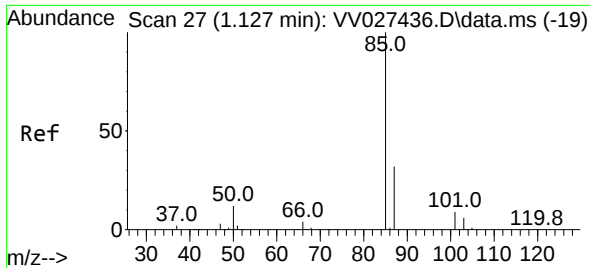
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	7657	0.924	ug/L	93
47) Tetrachloroethene	7.976	164	9465	1.012	ug/L	95
48) 2-Hexanone	8.146	43	30512	7.117	ug/L	97
49) Dibromochloromethane	8.246	129	9255	0.941	ug/L	100
50) 1,2-Dibromoethane	8.355	107	6724	0.915	ug/L #	96
51) Chlorobenzene	8.882	112	29438	0.950	ug/L	98
52) Ethylbenzene	9.014	91	42684	0.897	ug/L	99
53) m,p-Xylene	9.140	106	15262	0.839	ug/L	96
54) o-Xylene	9.545	106	15014	0.842	ug/L	94
55) Styrene	9.561	104	24544	0.806	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	8333	0.899	ug/L #	93
59) Bromoform	9.734	173	4488	1.023	ug/L	94
60) Isopropylbenzene	9.931	105	39533	0.957	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	6344	1.018	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	11389	0.999	ug/L	94
63) 1,2,4-Trimethylbenzene	10.915	105	28821	0.884	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	20378	0.982	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	21555	1.043	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	19282	1.011	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	1383	1.073	ug/L #	77
69) 1,3,5-Trichlorobenzene	12.644	180	15548	1.039	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	11012	0.987	ug/L	98
71) Naphthalene	13.506	128	14424	0.856	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	9937	0.967	ug/L	96

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

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QLast Update : Sat Aug 20 05:20:09 2022
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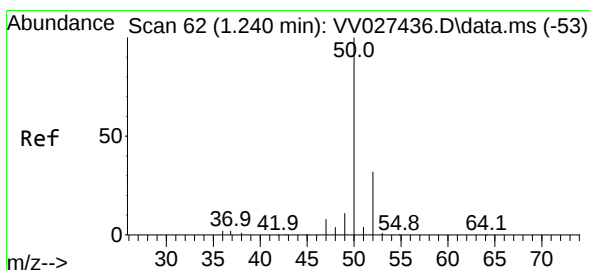
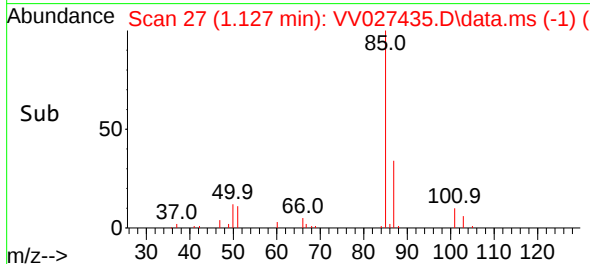
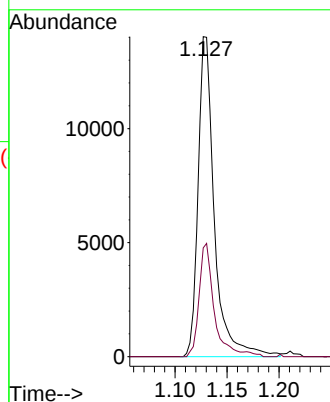
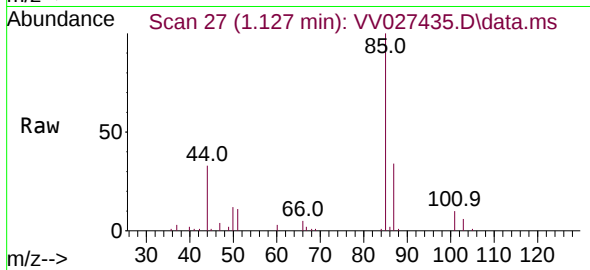




#2
 Dichlorodifluoromethane
 Concen: 0.962 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027435.D
 Acq: 19 Aug 2022 10:14

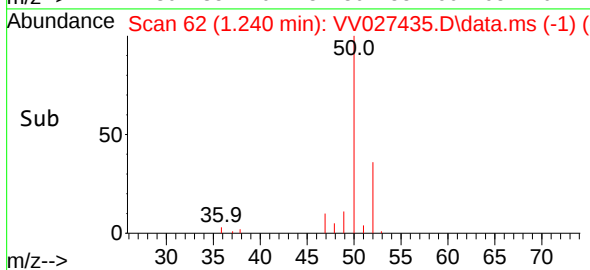
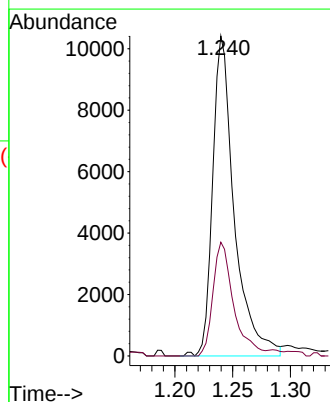
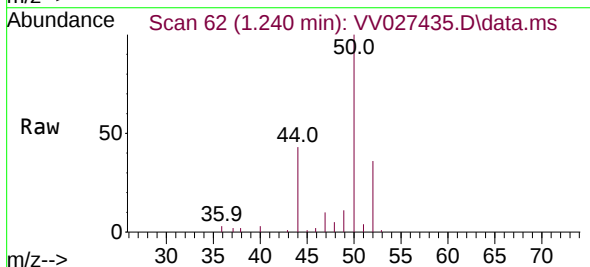
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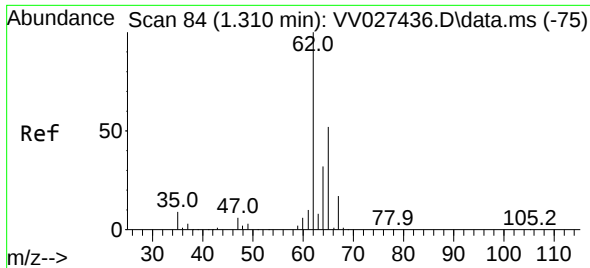
Tgt Ion: 85 Resp: 15336
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.0 39.0



#3
 Chloromethane
 Concen: 0.870 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV027435.D
 Acq: 19 Aug 2022 10:14

Tgt Ion: 50 Resp: 13559
 Ion Ratio Lower Upper
 50 100
 52 35.6 22.8 42.4

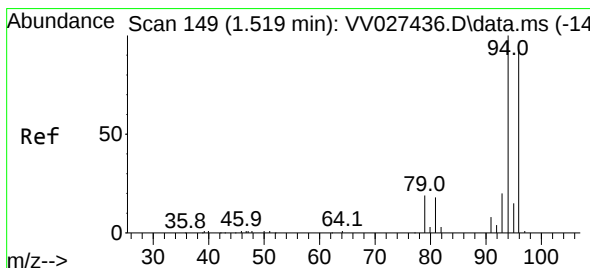
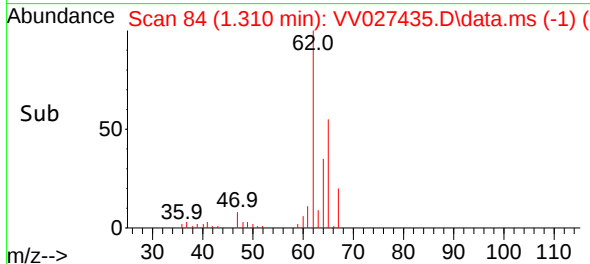
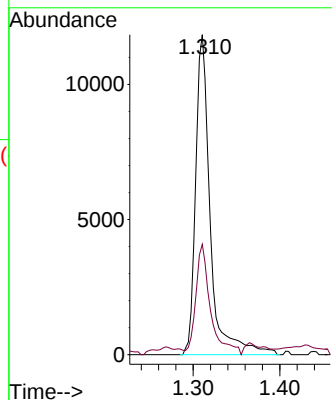
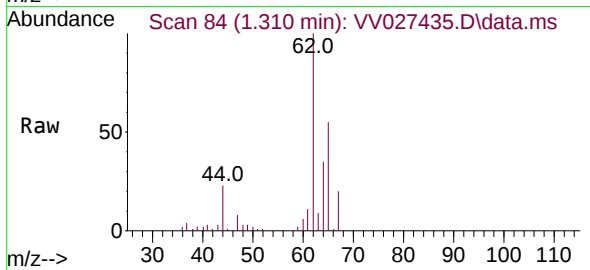




#5
 Vinyl chloride
 Concen: 0.942 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV027435.D
 Acq: 19 Aug 2022 10:14

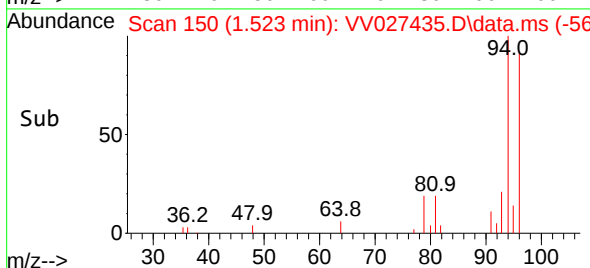
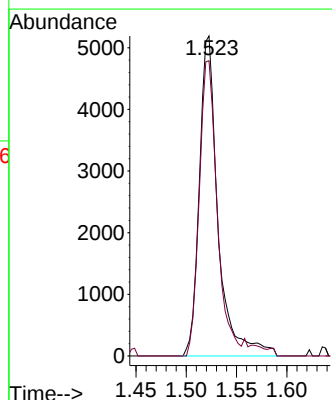
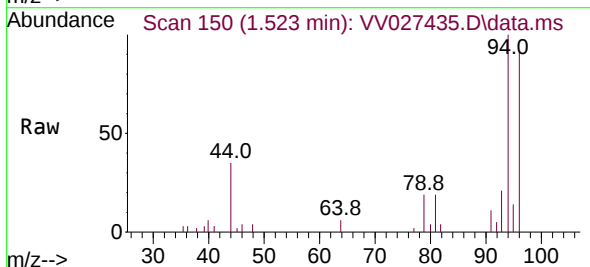
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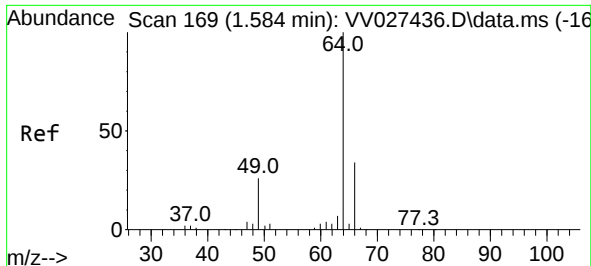
Tgt Ion: 62 Resp: 13904
 Ion Ratio Lower Upper
 62 100
 64 34.5 22.6 42.0



#6
 Bromomethane
 Concen: 0.968 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV027435.D
 Acq: 19 Aug 2022 10:14

Tgt Ion: 94 Resp: 6719
 Ion Ratio Lower Upper
 94 100
 96 92.2 65.2 121.0

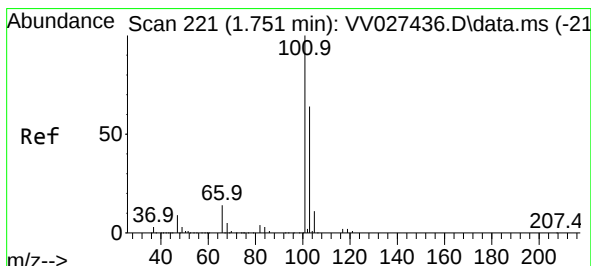
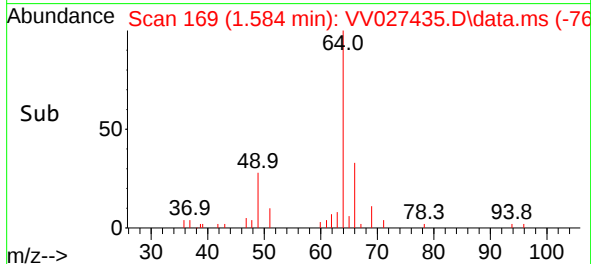
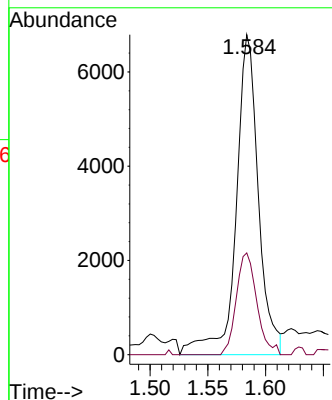
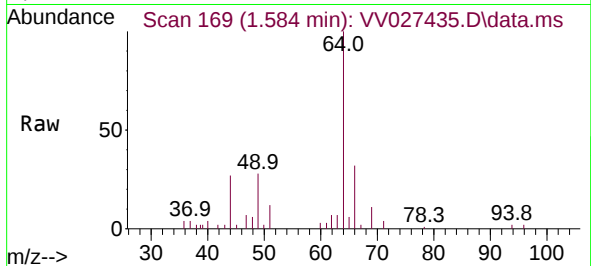




#8
Chloroethane
Concen: 1.102 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

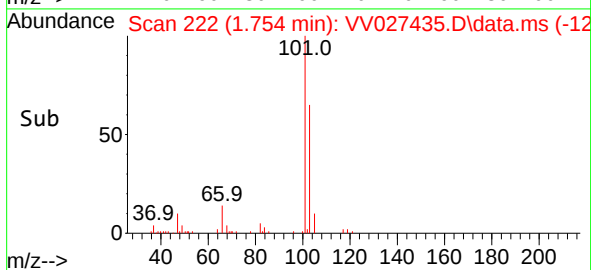
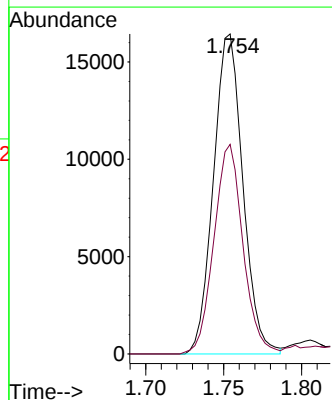
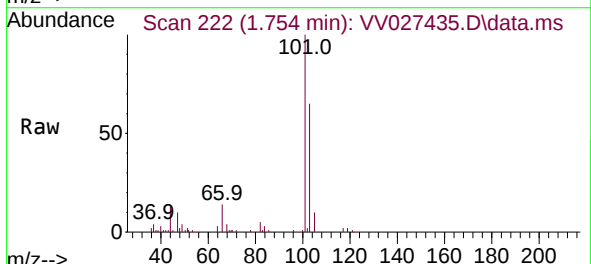
Instrument :
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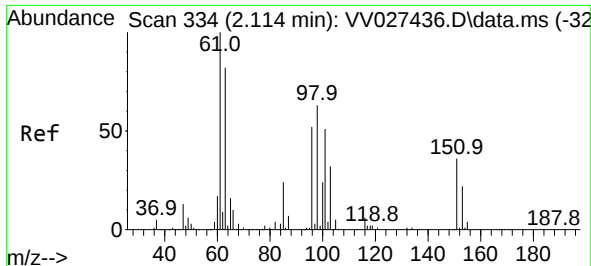
Tgt Ion: 64 Resp: 9114
Ion Ratio Lower Upper
64 100
66 31.8 23.3 43.3



#9
Trichlorofluoromethane
Concen: 1.067 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

Tgt Ion:101 Resp: 21638
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

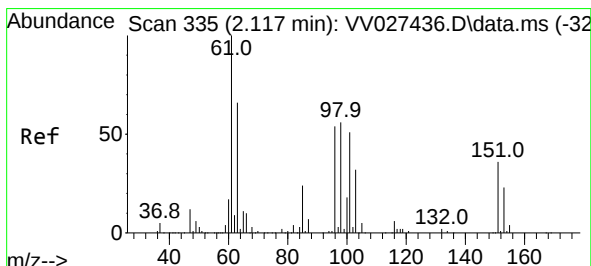
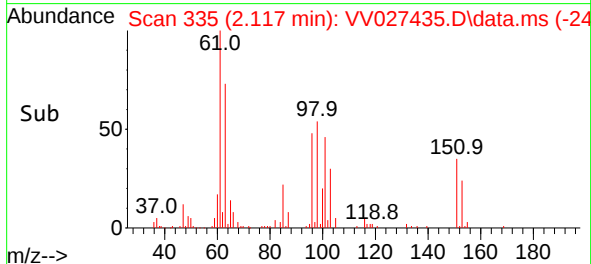
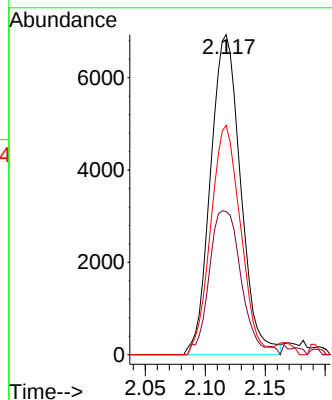
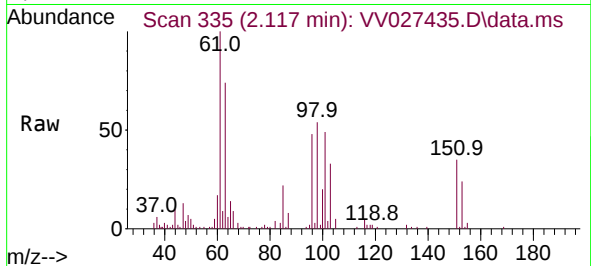




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.211 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

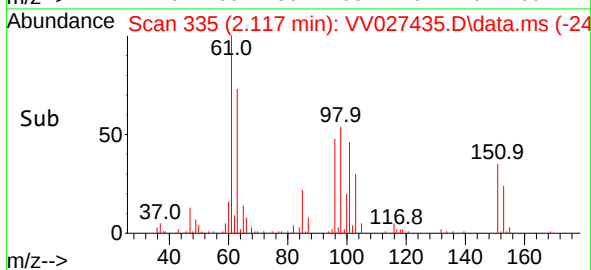
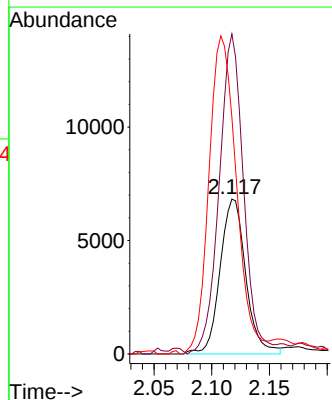
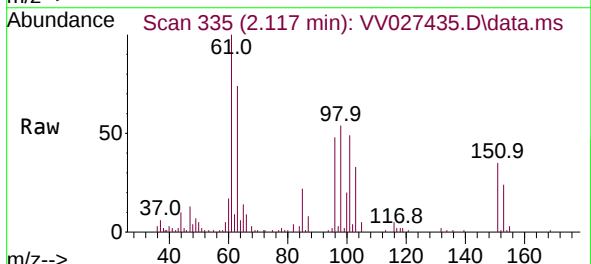
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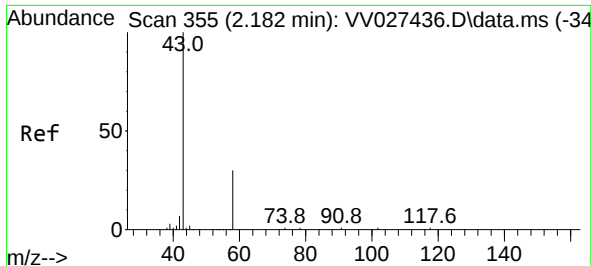
Tgt Ion:101 Resp: 12104
Ion Ratio Lower Upper
101 100
85 47.8 35.3 52.9
151 70.8 55.2 82.8



#12
1,1-Dichloroethene
Concen: 1.058 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

Tgt Ion: 96 Resp: 10578
Ion Ratio Lower Upper
96 100
61 206.6 130.2 241.8
63 152.9 87.4 162.4





#13

Acetone

Concen: 6.840 ug/L

RT: 2.175 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

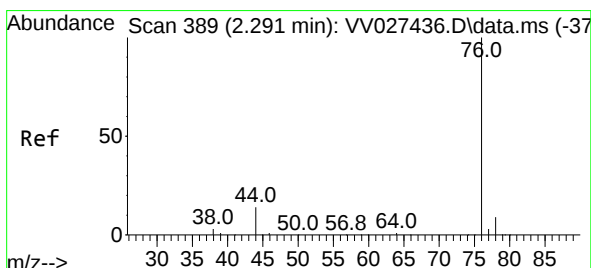
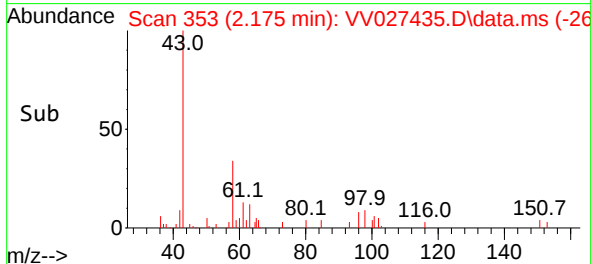
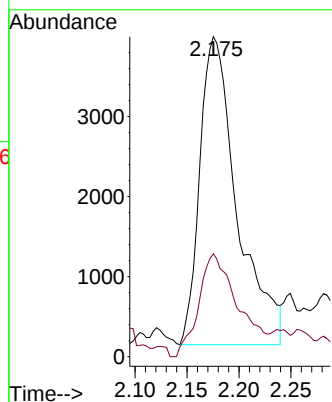
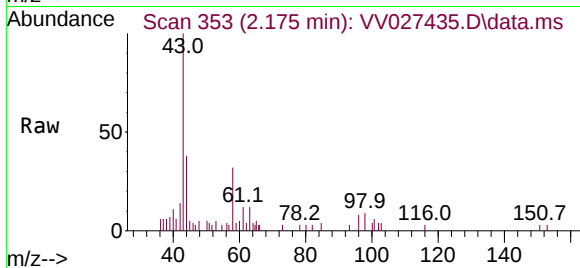
VSTD001214

Tgt Ion: 43 Resp: 9607

Ion Ratio Lower Upper

43 100

58 35.3 0.0 62.2



#14

Carbon disulfide

Concen: 0.802 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV027435.D

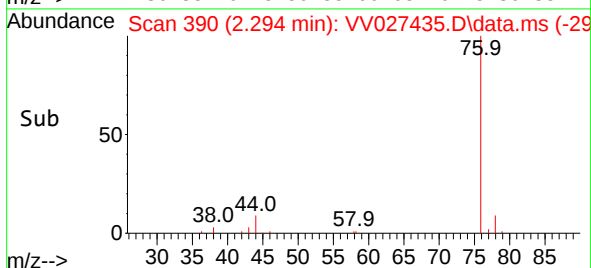
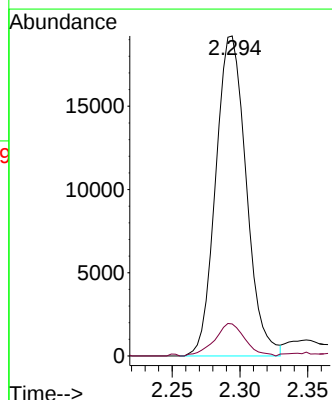
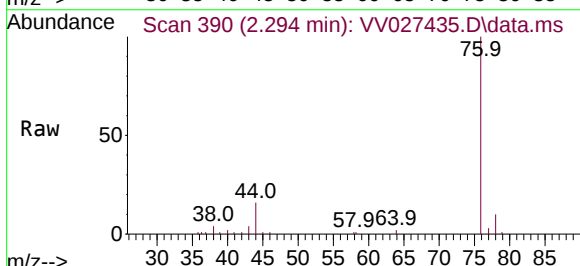
Acq: 19 Aug 2022 10:14

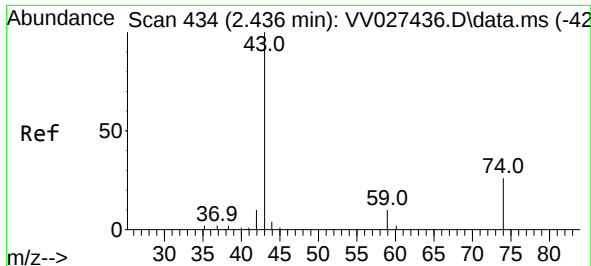
Tgt Ion: 76 Resp: 30078

Ion Ratio Lower Upper

76 100

78 10.0 7.3 10.9





#15

Methyl Acetate

Concen: 0.902 ug/L

RT: 2.439 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

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MSVOA_V

ClientSampleId :

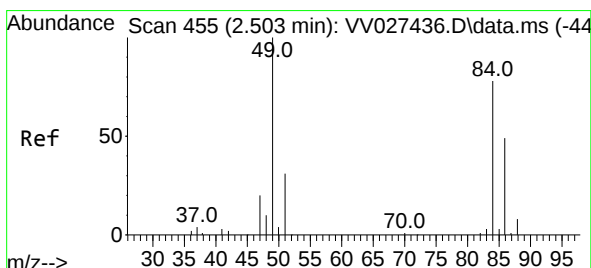
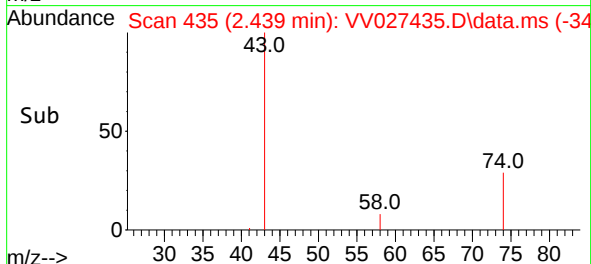
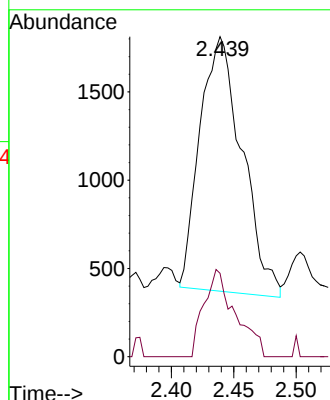
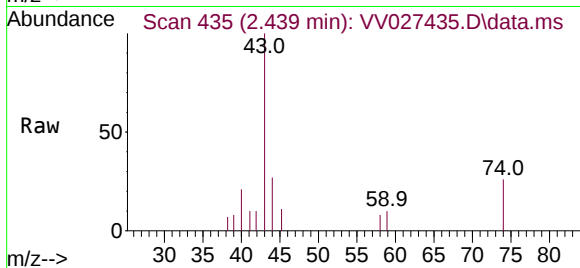
VSTD001214

Tgt Ion: 43 Resp: 3389

Ion Ratio Lower Upper

43 100

74 25.6 16.3 24.5#



#16

Methylene chloride

Concen: 1.206 ug/L

RT: 2.506 min Scan# 456

Delta R.T. 0.003 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

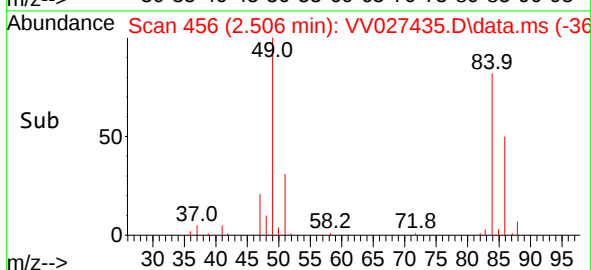
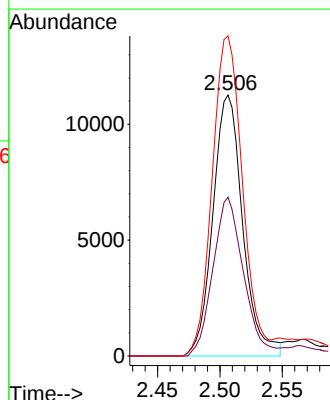
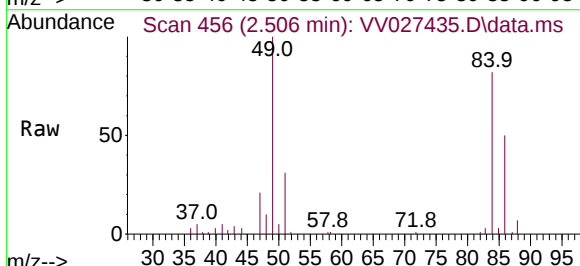
Tgt Ion: 84 Resp: 18772

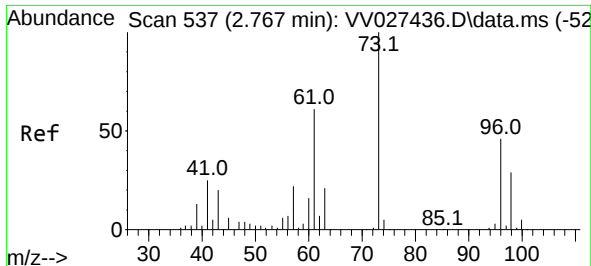
Ion Ratio Lower Upper

84 100

86 60.8 44.0 81.6

49 122.6 89.4 166.0





#17

Methyl tert-butyl Ether

Concen: 0.894 ug/L

RT: 2.764 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD001214

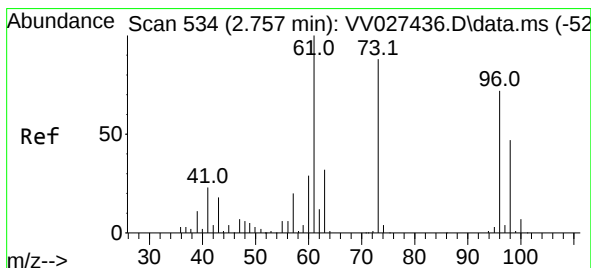
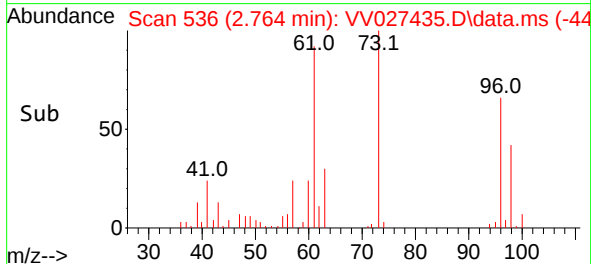
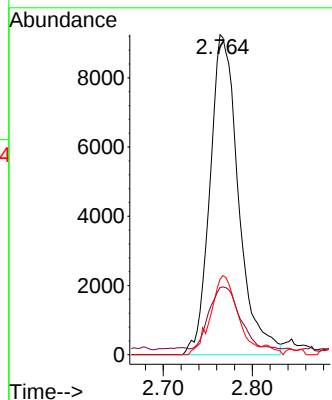
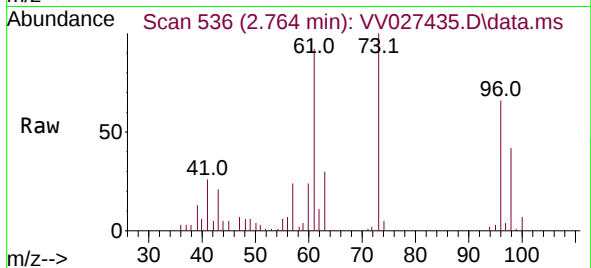
Tgt Ion: 73 Resp: 20562

Ion Ratio Lower Upper

73 100

43 20.6 15.6 23.4

57 23.4 17.0 25.6



#18

trans-1,2-Dichloroethene

Concen: 0.923 ug/L

RT: 2.760 min Scan# 535

Delta R.T. 0.003 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

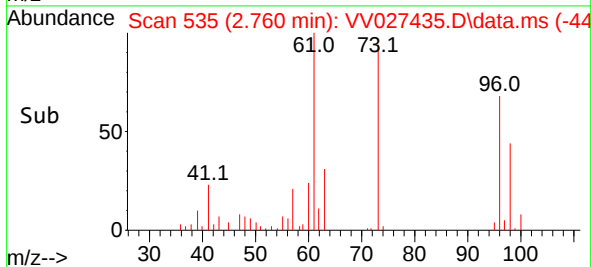
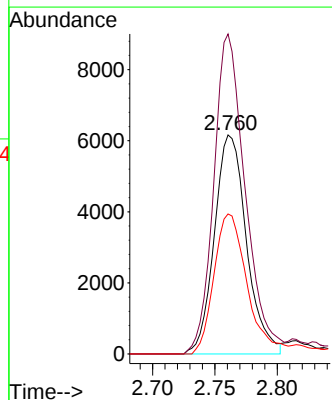
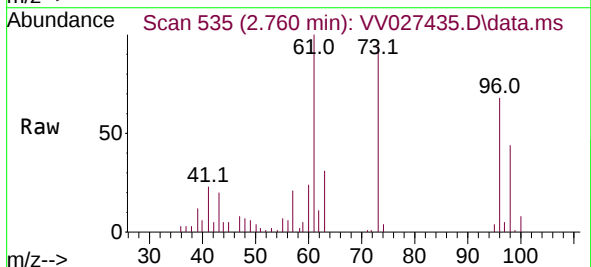
Tgt Ion: 96 Resp: 11061

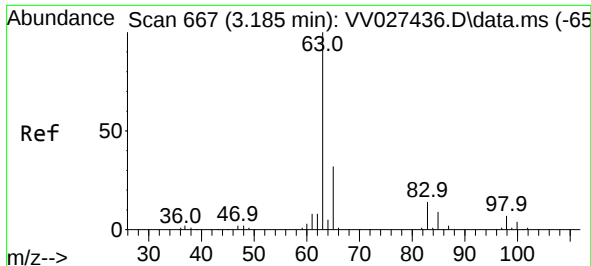
Ion Ratio Lower Upper

96 100

61 146.1 97.6 181.4

98 63.9 45.9 85.3





#19

1,1-Dichloroethane

Concen: 0.977 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD001214

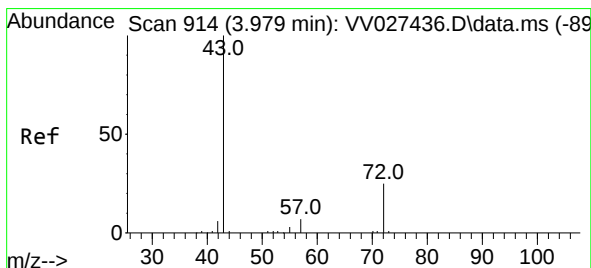
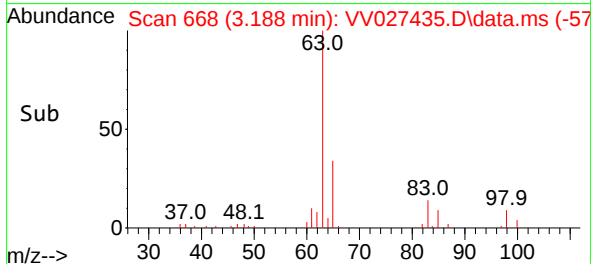
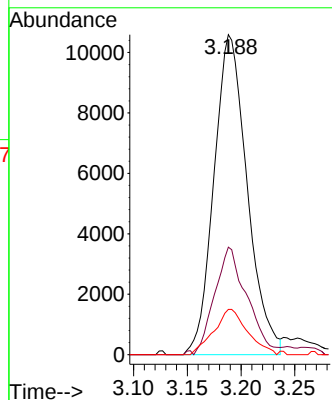
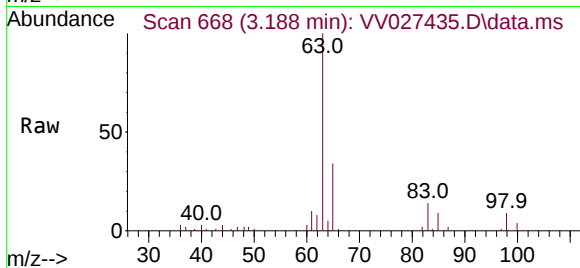
Tgt Ion: 63 Resp: 22792

Ion Ratio Lower Upper

63 100

65 33.6 22.1 41.1

83 14.1 9.6 17.8



#21

2-Butanone

Concen: 3.770 ug/L

RT: 4.002 min Scan# 921

Delta R.T. 0.022 min

Lab File: VV027435.D

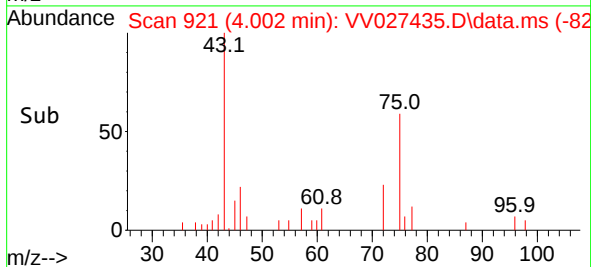
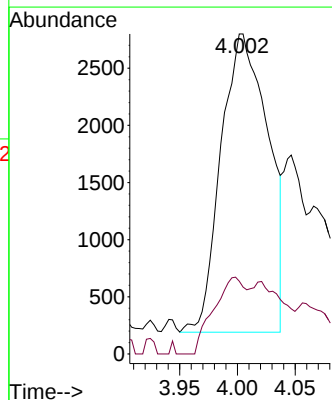
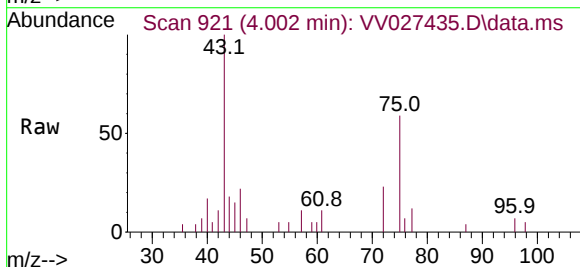
Acq: 19 Aug 2022 10:14

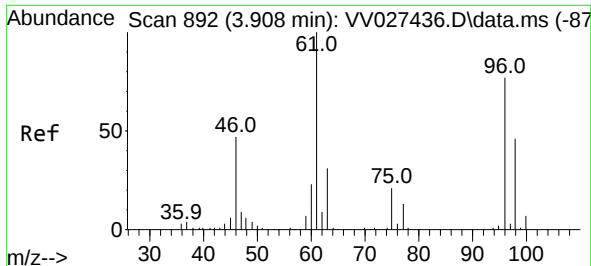
Tgt Ion: 43 Resp: 7401

Ion Ratio Lower Upper

43 100

72 17.3 12.0 36.1

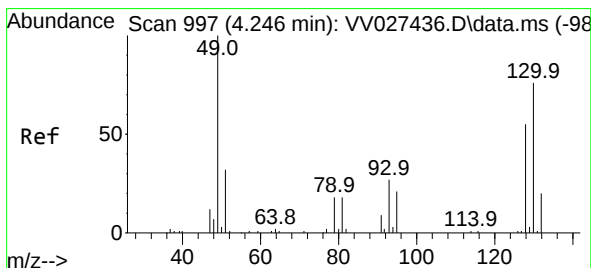
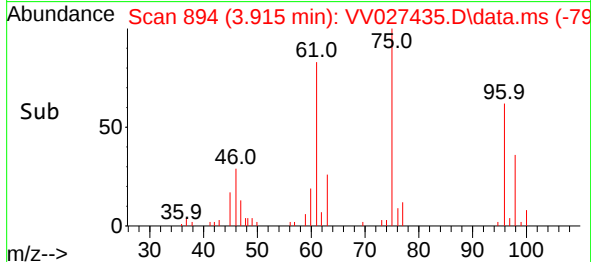
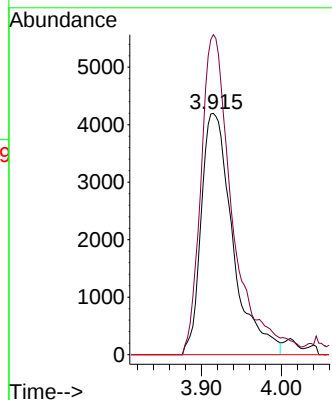
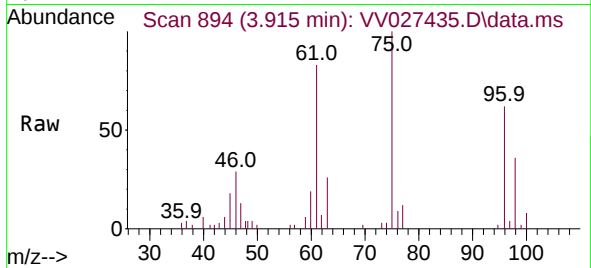




#22
 cis-1,2-Dichloroethene
 Concen: 0.973 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV027435.D
 Acq: 19 Aug 2022 10:14

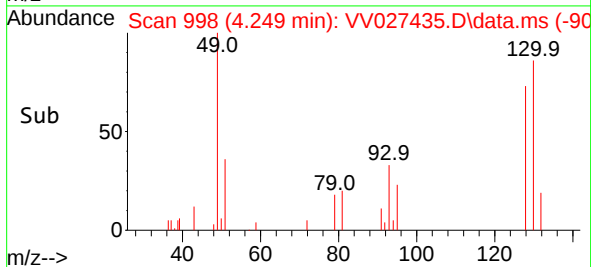
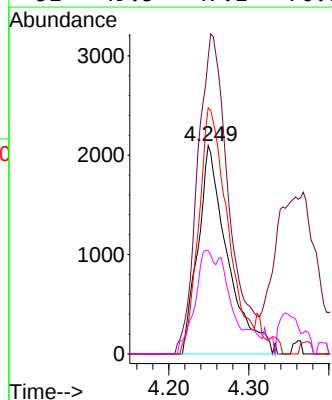
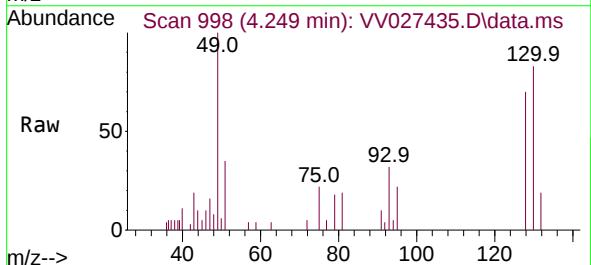
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001214

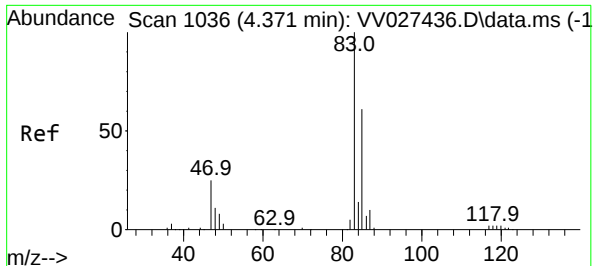
Tgt Ion: 96 Resp: 11533
 Ion Ratio Lower Upper
 96 100
 61 132.7 90.6 168.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.976 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV027435.D
 Acq: 19 Aug 2022 10:14

Tgt Ion: 128 Resp: 5364
 Ion Ratio Lower Upper
 128 100
 49 142.4 127.5 236.7
 130 118.1 97.0 180.2
 51 49.5 47.1 70.7





#25

Chloroform

Concen: 1.067 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

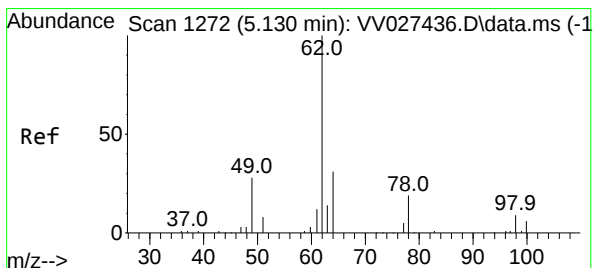
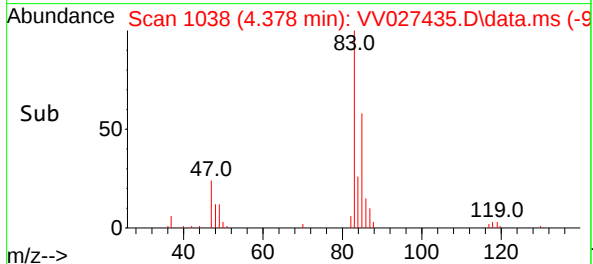
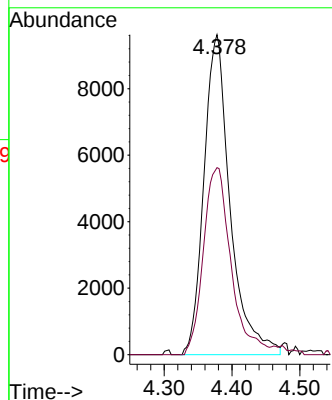
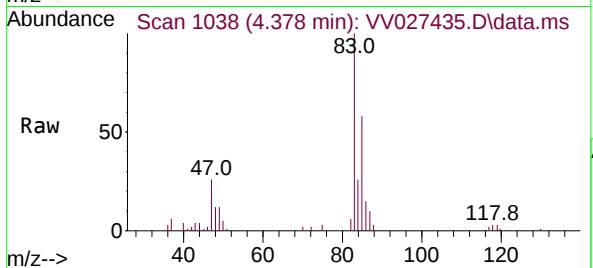
VSTD001214

Tgt Ion: 83 Resp: 25842

Ion Ratio Lower Upper

83 100

85 58.5 43.3 80.5



#27

1,2-Dichloroethane

Concen: 0.886 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VV027435.D

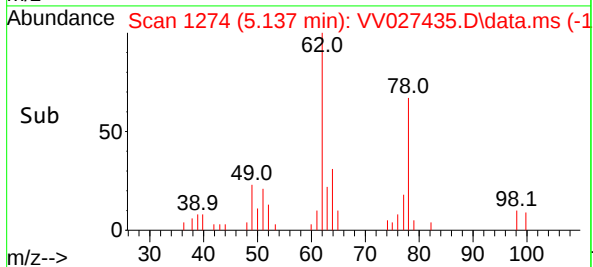
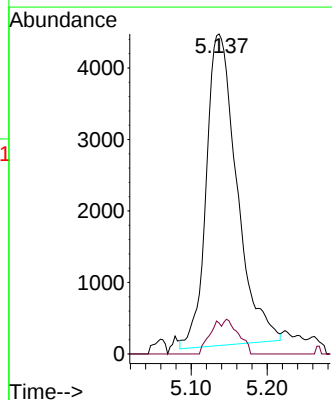
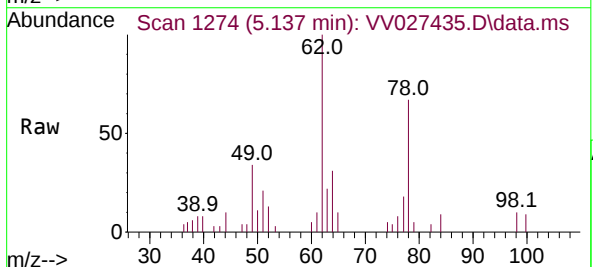
Acq: 19 Aug 2022 10:14

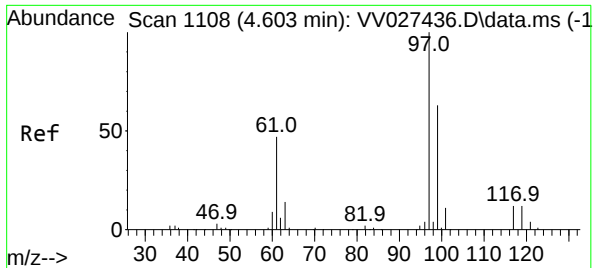
Tgt Ion: 62 Resp: 12170

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 1.046 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD001214

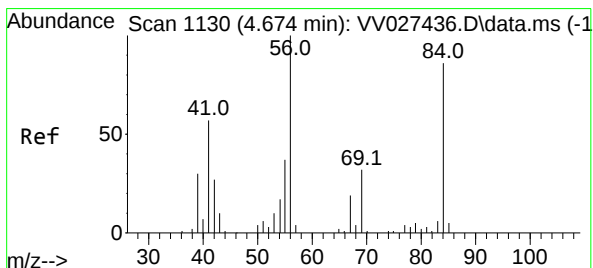
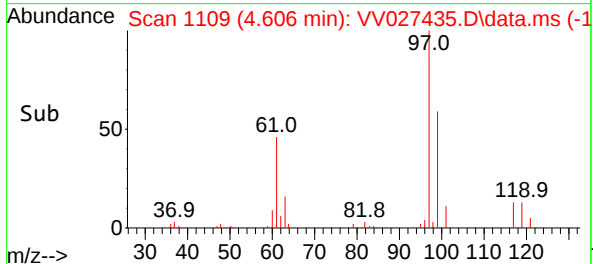
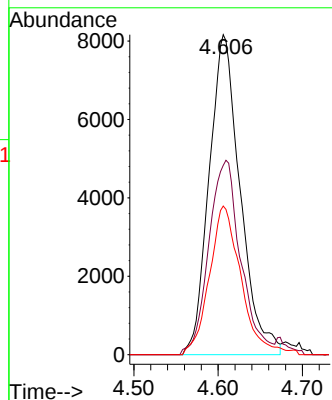
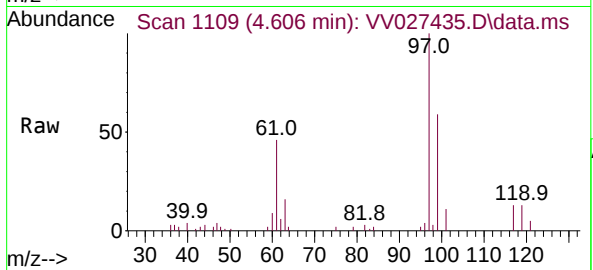
Tgt Ion: 97 Resp: 20904

Ion Ratio Lower Upper

97 100

99 62.4 51.1 76.7

61 47.2 35.9 53.9



#30

Cyclohexane

Concen: 0.900 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

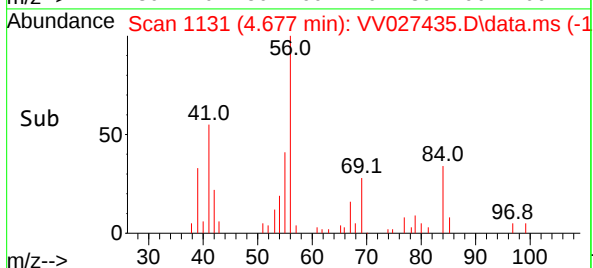
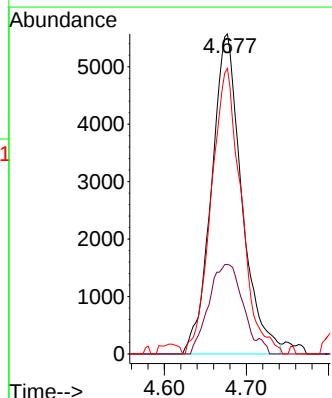
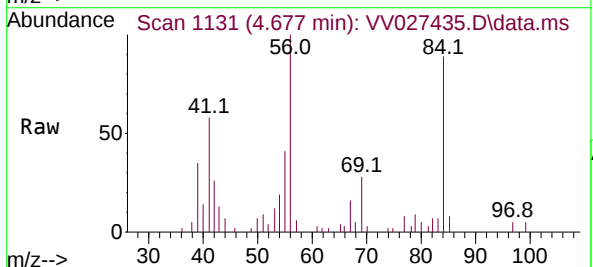
Tgt Ion: 56 Resp: 14264

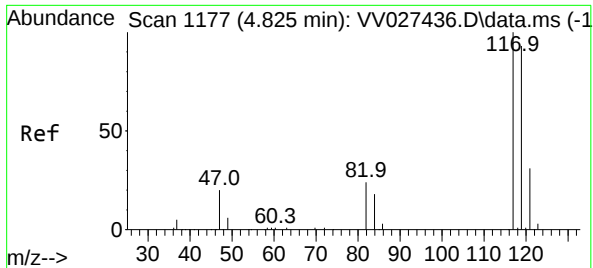
Ion Ratio Lower Upper

56 100

69 30.8 25.4 38.0

84 88.4 69.7 104.5

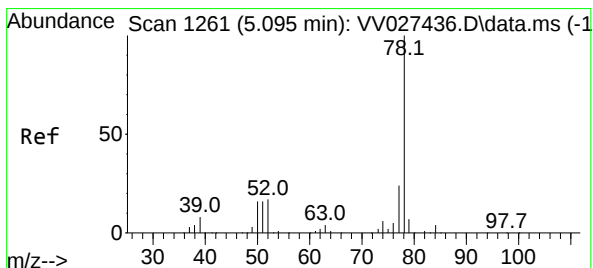
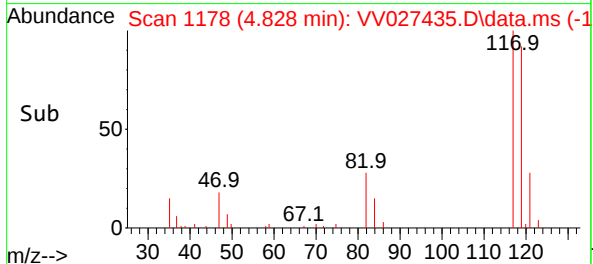
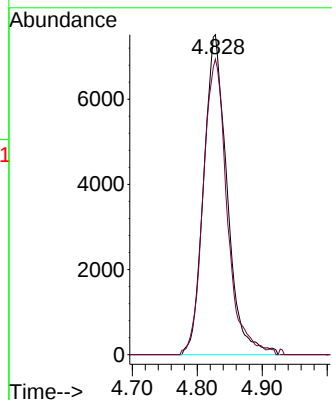
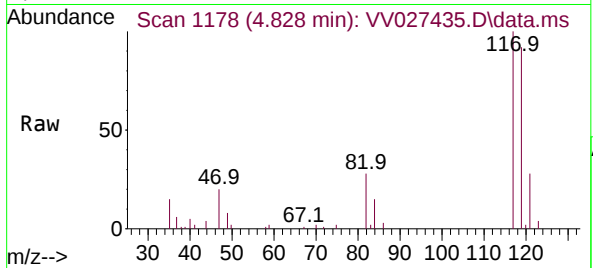




#31
Carbon tetrachloride
Concen: 1.084 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

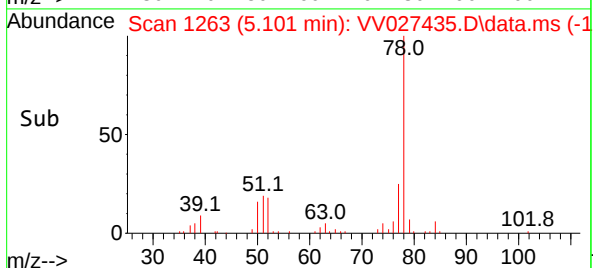
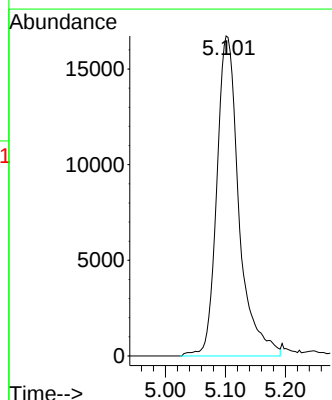
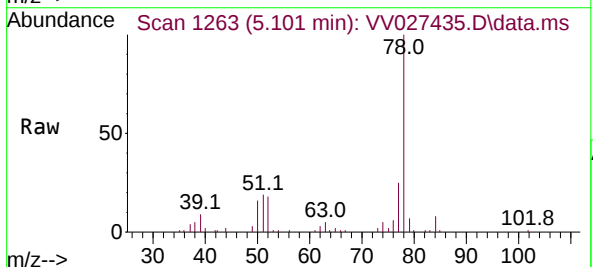
Instrument :
MSVOA_V
ClientSampleId :
VSTD001214

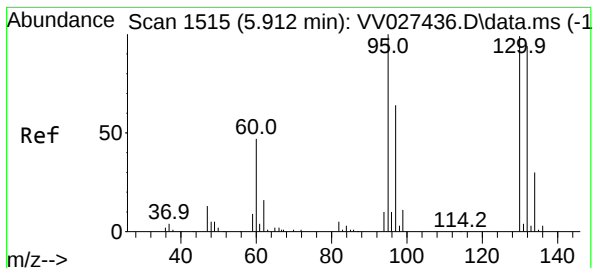
Tgt Ion:117 Resp: 18826
Ion Ratio Lower Upper
117 100
119 94.2 76.1 114.1



#33
Benzene
Concen: 0.902 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

Tgt Ion: 78 Resp: 42929





#34

Trichloroethene

Concen: 1.005 ug/L

RT: 5.918 min Scan# 1515

Delta R.T. 0.006 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD001214

Tgt Ion: 95 Resp: 11964

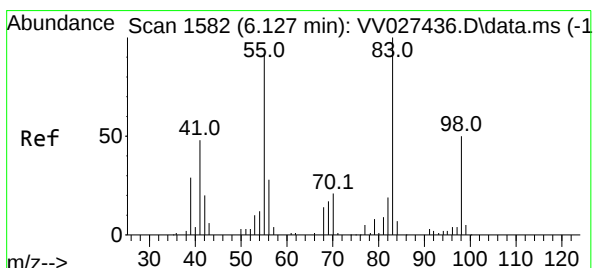
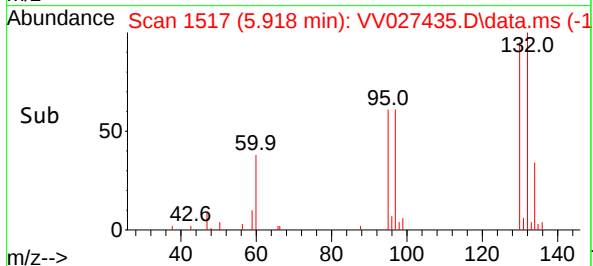
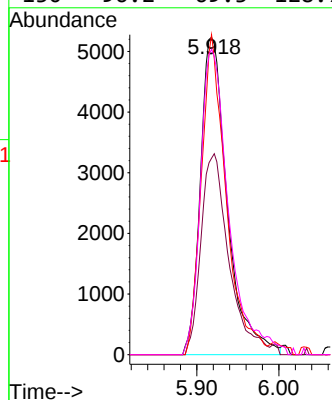
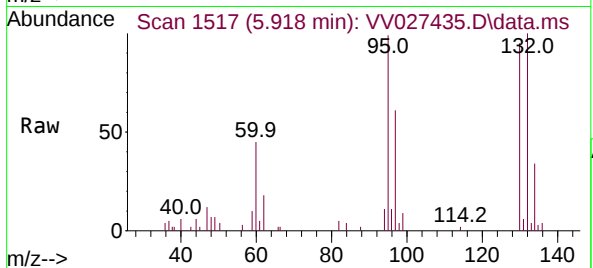
Ion Ratio Lower Upper

95 100

97 61.9 45.0 83.6

132 100.8 65.7 121.9

130 96.2 69.3 128.7



#35

Methylcyclohexane

Concen: 0.967 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

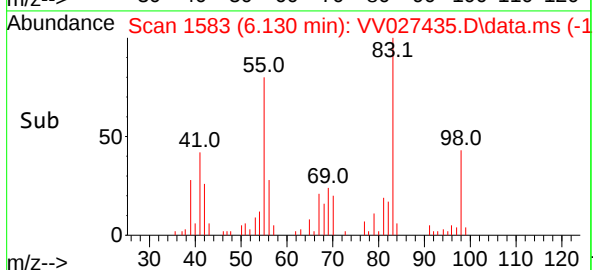
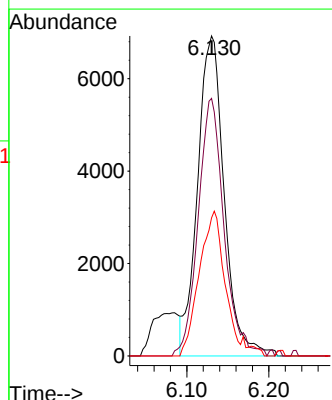
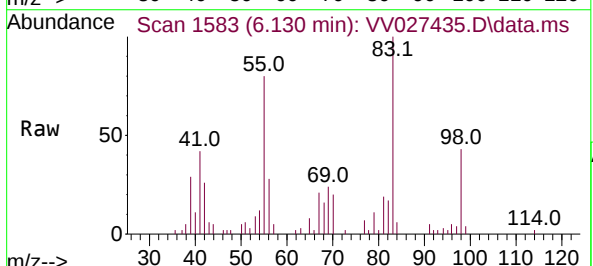
Tgt Ion: 83 Resp: 15655

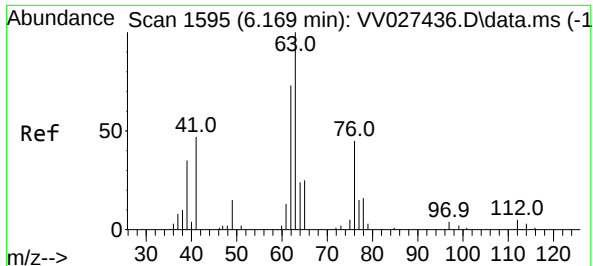
Ion Ratio Lower Upper

83 100

55 77.9 68.2 102.4

98 43.8 39.0 58.4





#37

1,2-Dichloropropane

Concen: 1.075 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

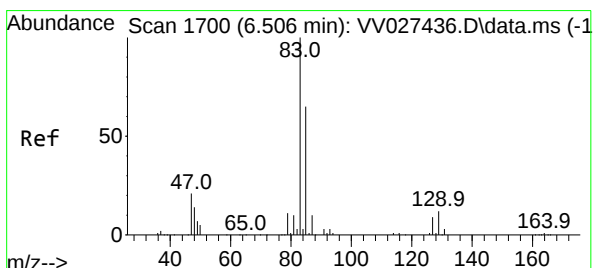
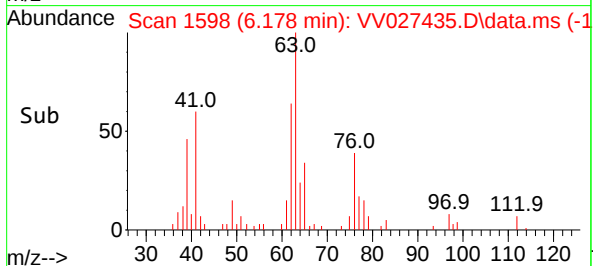
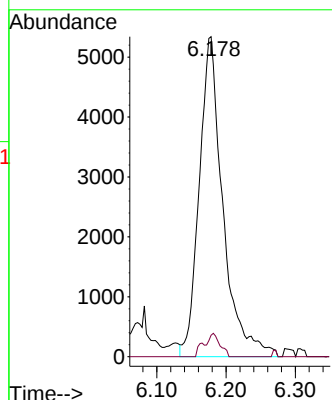
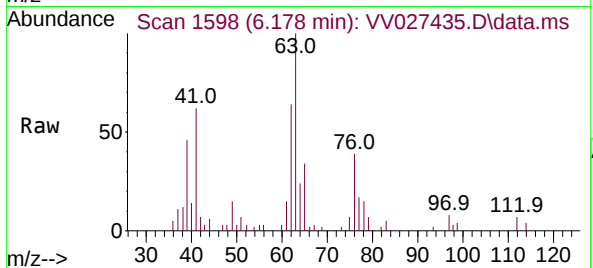
VSTD001214

Tgt Ion: 63 Resp: 12665

Ion Ratio Lower Upper

63 100

112 3.6 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.963 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

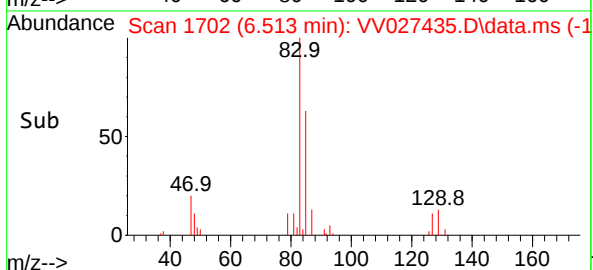
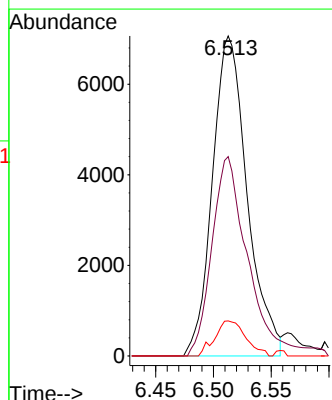
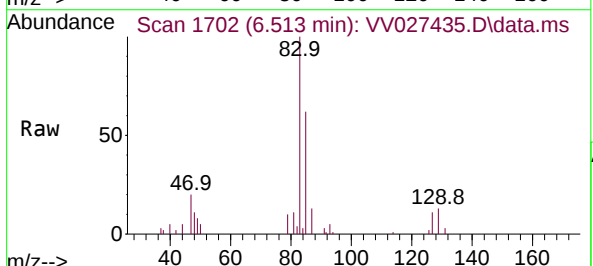
Tgt Ion: 83 Resp: 14770

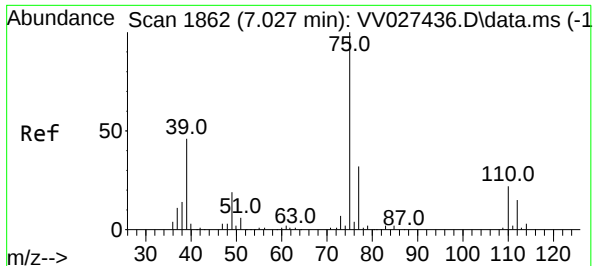
Ion Ratio Lower Upper

83 100

85 62.3 45.3 84.1

127 10.9 7.2 10.8#





#39

cis-1,3-Dichloropropene

Concen: 0.836 ug/L

RT: 7.034 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

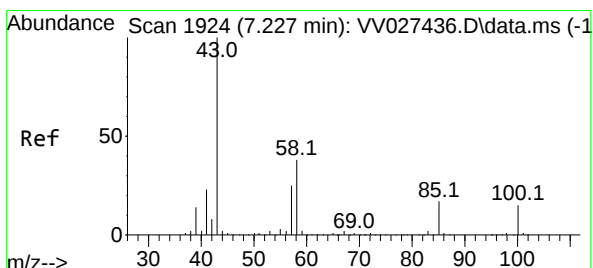
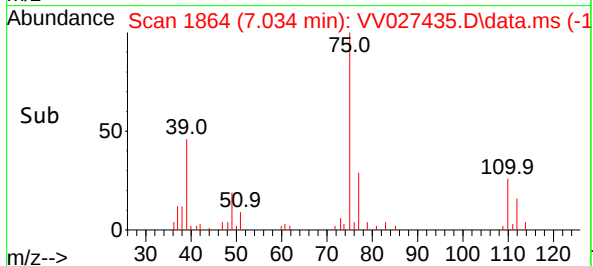
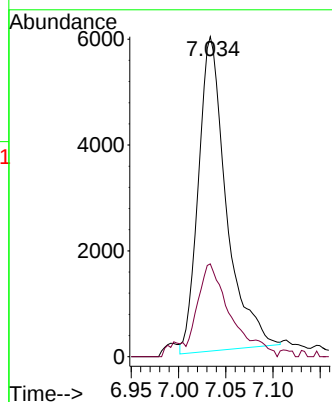
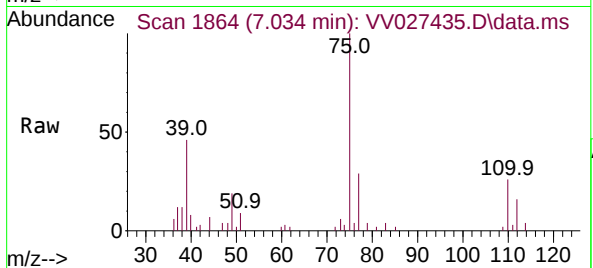
VSTD001214

Tgt Ion: 75 Resp: 12173

Ion Ratio Lower Upper

75 100

77 29.0 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 7.657 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

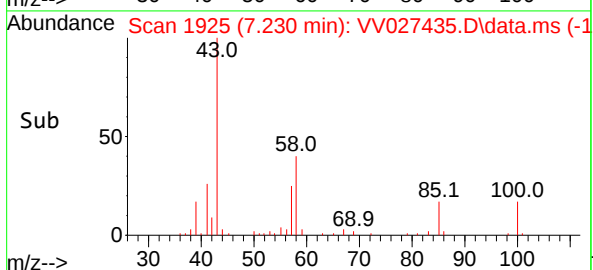
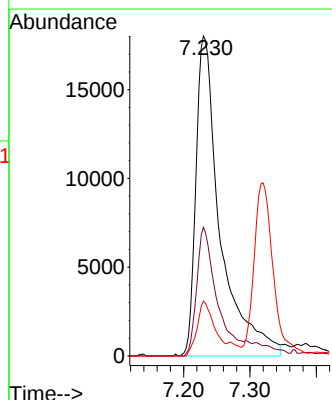
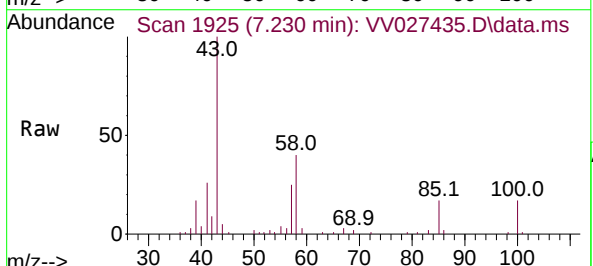
Tgt Ion: 43 Resp: 45685

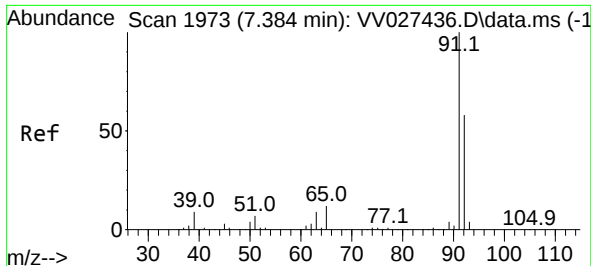
Ion Ratio Lower Upper

43 100

58 34.7 30.6 45.8

100 12.5 11.0 16.4





#42

Toluene

Concen: 0.881 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

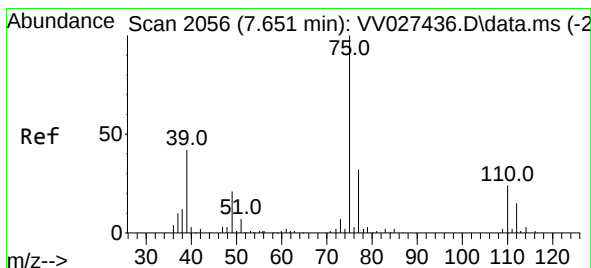
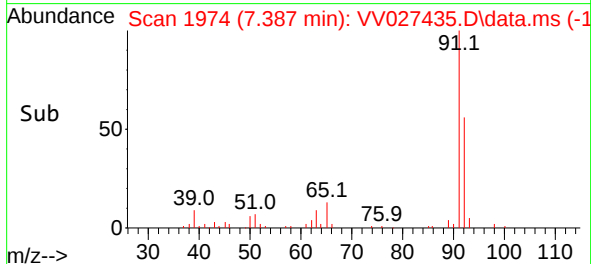
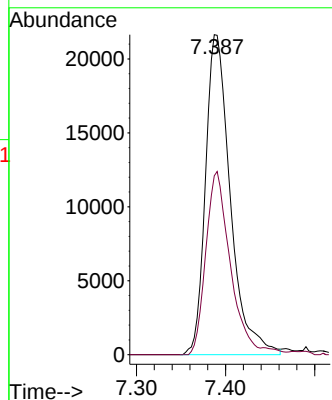
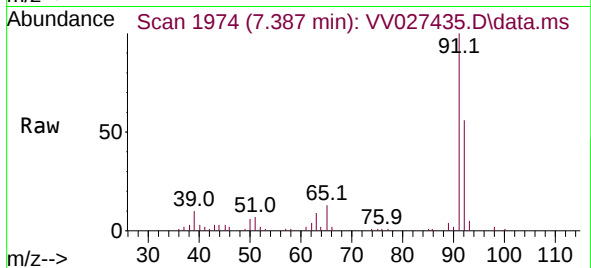
VSTD001214

Tgt Ion: 91 Resp: 41876

Ion Ratio Lower Upper

91 100

92 55.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.910 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VV027435.D

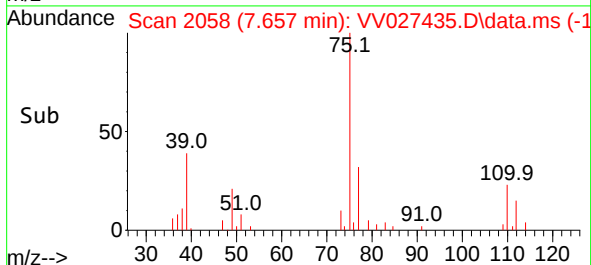
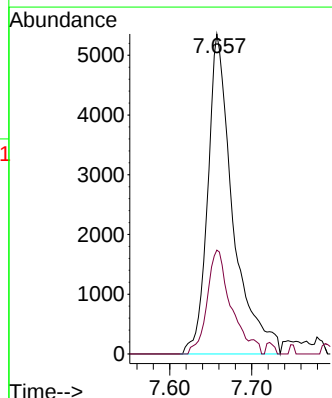
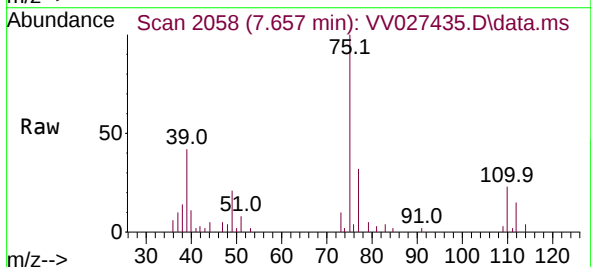
Acq: 19 Aug 2022 10:14

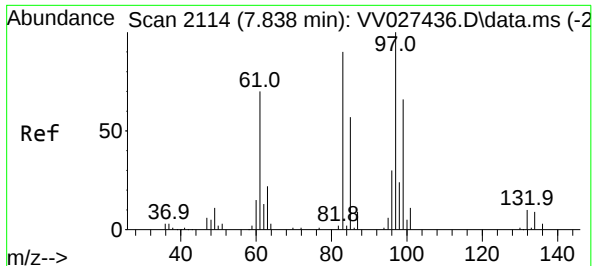
Tgt Ion: 75 Resp: 11420

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 0.924 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD001214

Tgt Ion: 97 Resp: 7657

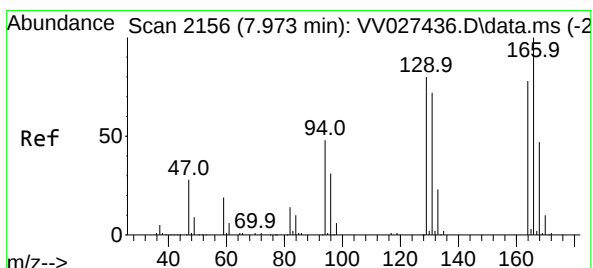
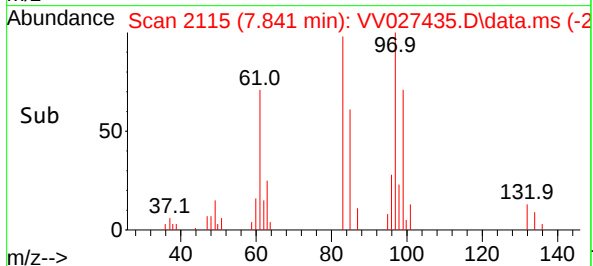
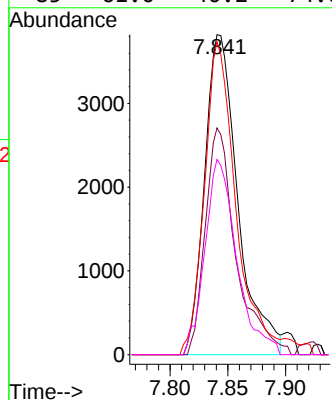
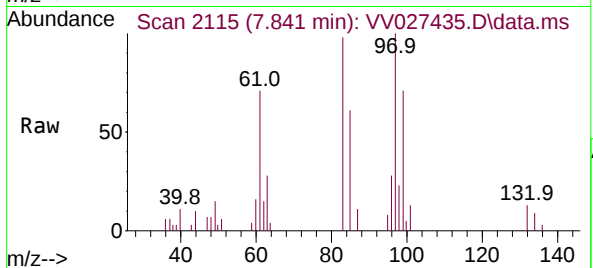
Ion Ratio Lower Upper

97 100

99 70.8 46.1 85.7

83 97.8 63.0 117.0

85 61.0 40.2 74.6



#47

Tetrachloroethene

Concen: 1.012 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

Tgt Ion: 164 Resp: 9465

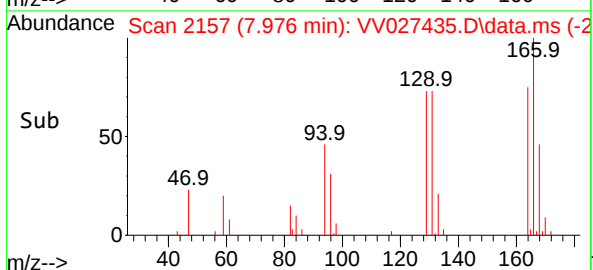
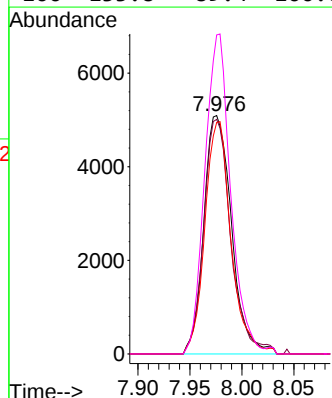
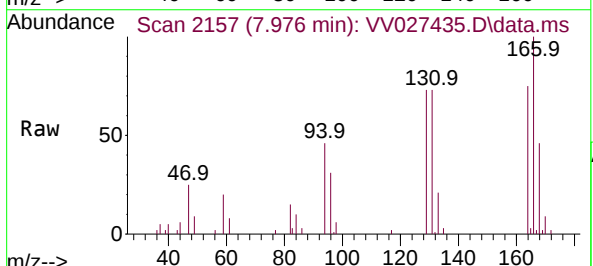
Ion Ratio Lower Upper

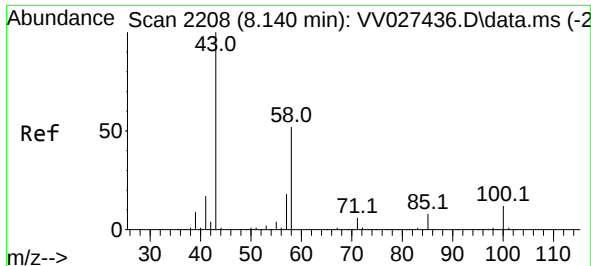
164 100

129 98.4 71.1 132.1

131 97.1 64.5 119.9

166 133.8 89.4 166.0



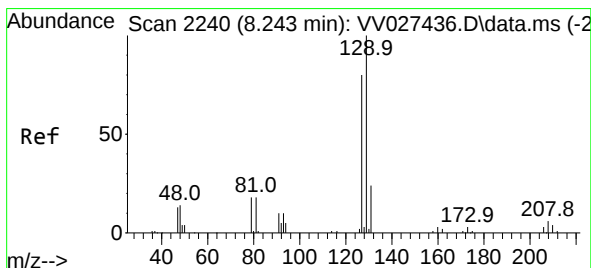
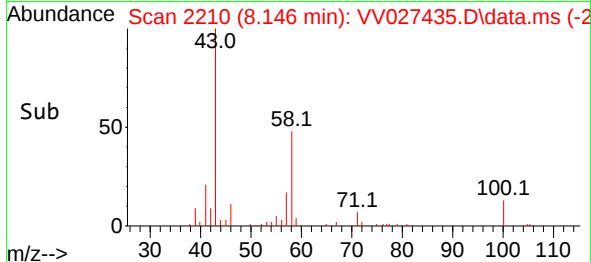
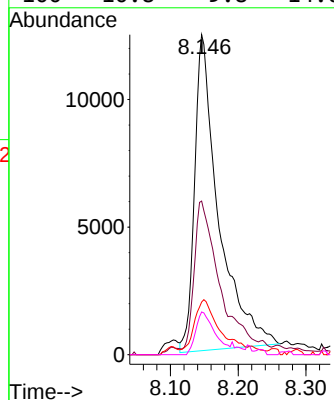
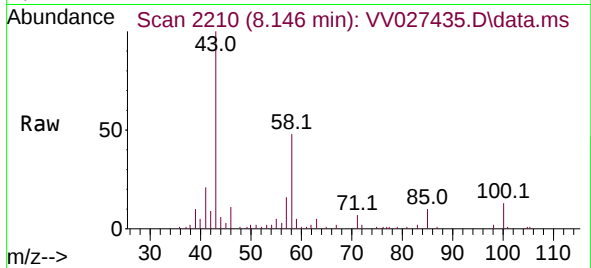


#48
2-Hexanone
Concen: 7.117 ug/L
RT: 8.146 min Scan# 2110
Delta R.T. 0.006 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

Instrument :
MSVOA_V
ClientSampleId :
VSTD001214

Tgt Ion: 43 Resp: 30512

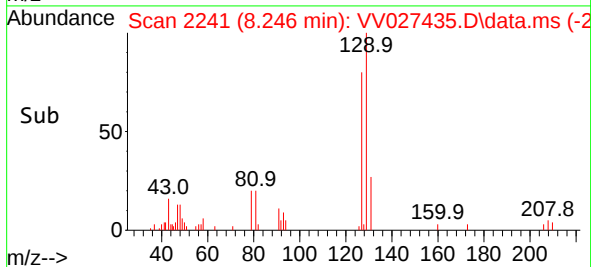
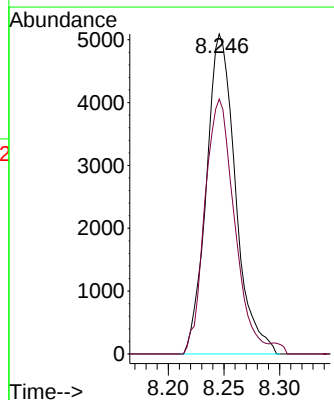
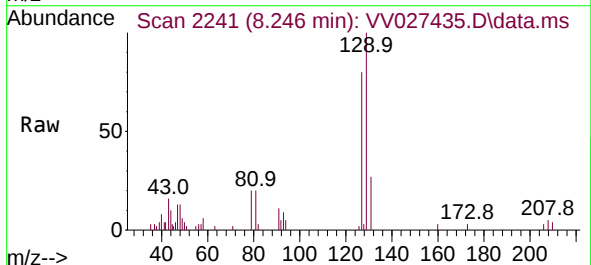
Ion	Ratio	Lower	Upper
43	100		
58	48.8	41.3	61.9
57	18.8	14.9	22.3
100	10.8	9.8	14.6

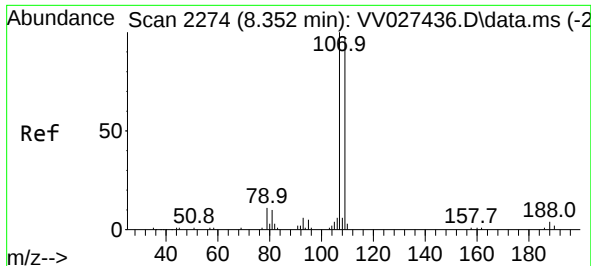


#49
Dibromochloromethane
Concen: 0.941 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

Tgt Ion: 129 Resp: 9255

Ion	Ratio	Lower	Upper
129	100		
127	79.6	55.9	103.7





#50

1,2-Dibromoethane

Concen: 0.915 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

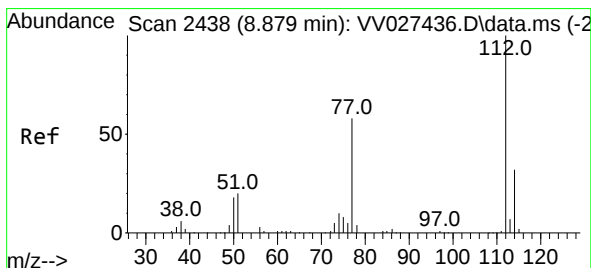
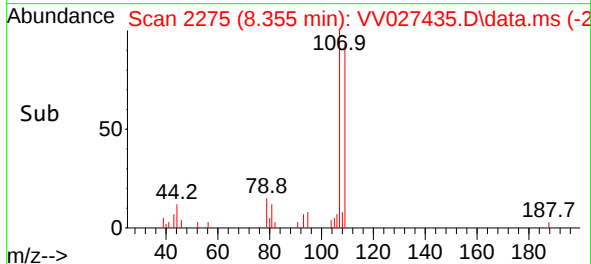
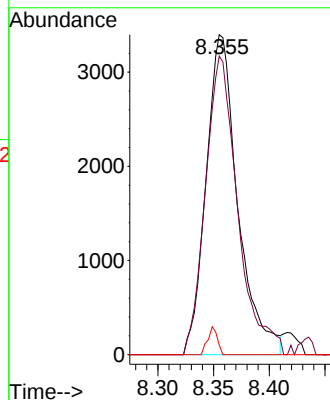
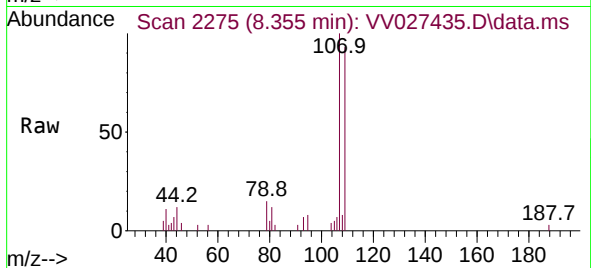
Instrument :

MSVOA_V

ClientSampleId :

VSTD001214

Tgt Ion:107	Resp:	6724
Ion	Ratio	Lower Upper
107	100	
109	93.3	67.8 125.8
188	3.1	3.5 5.3#



#51

Chlorobenzene

Concen: 0.950 ug/L

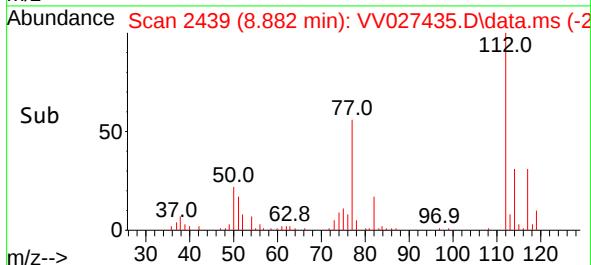
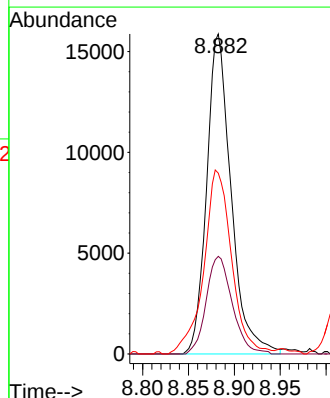
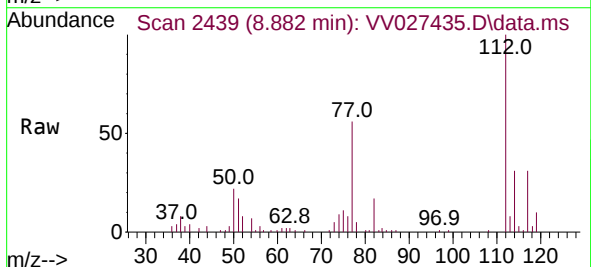
RT: 8.882 min Scan# 2439

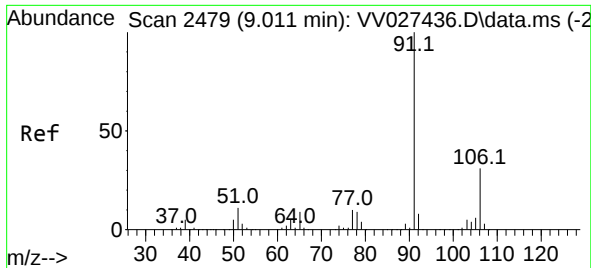
Delta R.T. 0.003 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

Tgt Ion:112	Resp:	29438
Ion	Ratio	Lower Upper
112	100	
114	30.5	22.7 42.1
77	56.5	46.2 69.4

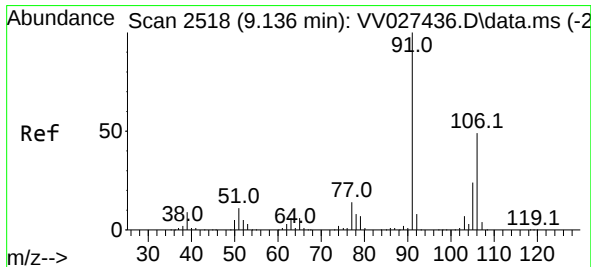
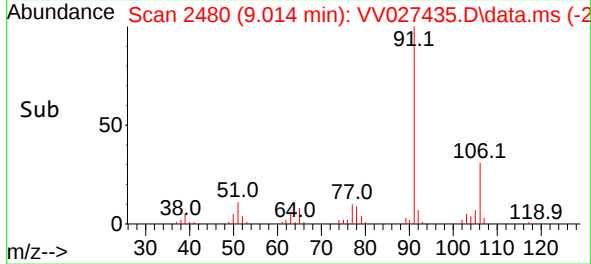
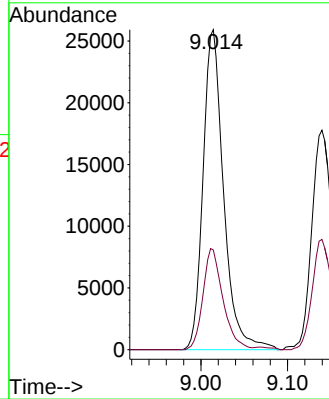
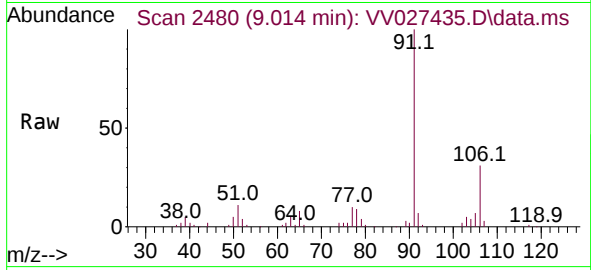




#52
Ethylbenzene
Concen: 0.897 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

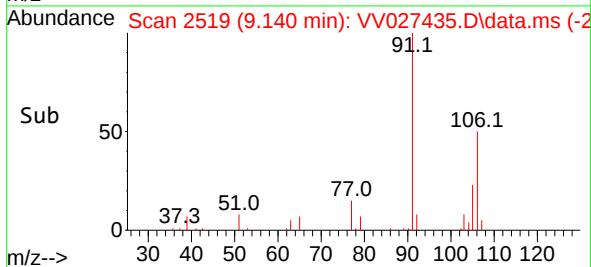
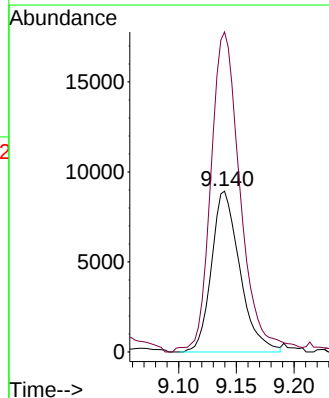
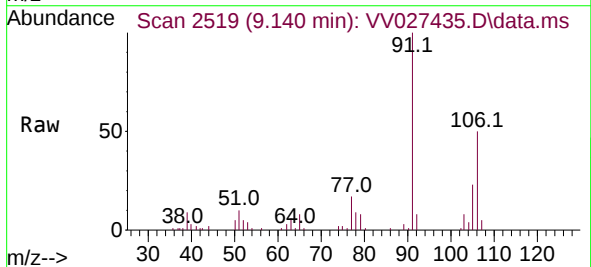
Instrument :
MSVOA_V
ClientSampleId :
VSTD001214

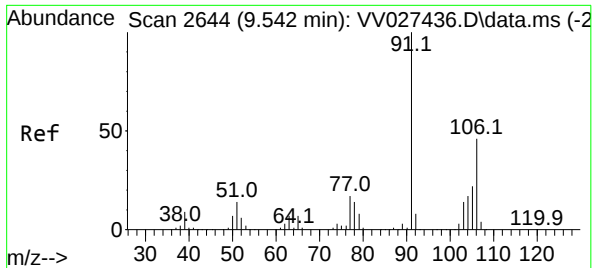
Tgt Ion: 91 Resp: 42684
Ion Ratio Lower Upper
91 100
106 31.1 21.4 39.8



#53
m,p-Xylene
Concen: 0.839 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

Tgt Ion: 106 Resp: 15262
Ion Ratio Lower Upper
106 100
91 199.0 143.8 267.0

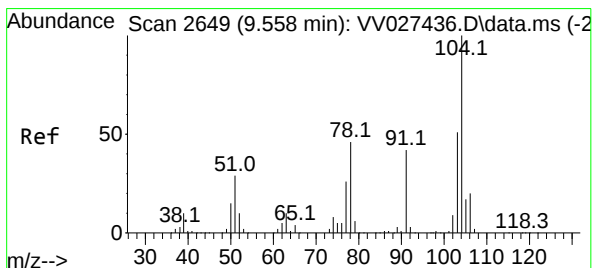
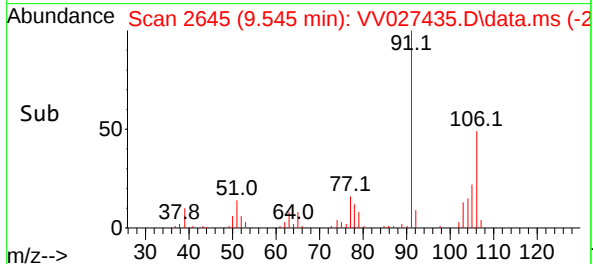
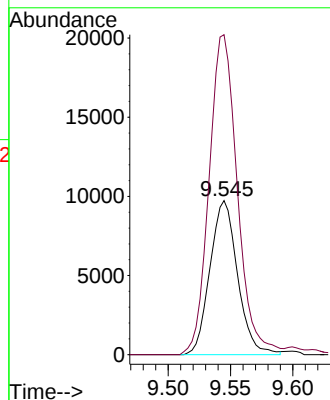
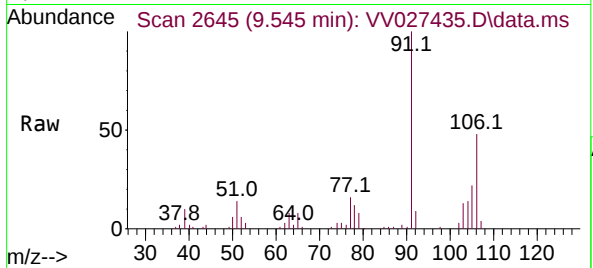




#54
o-Xylene
Concen: 0.842 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

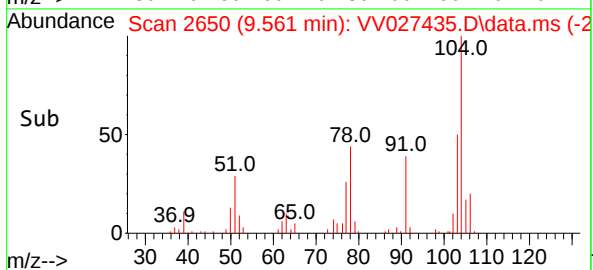
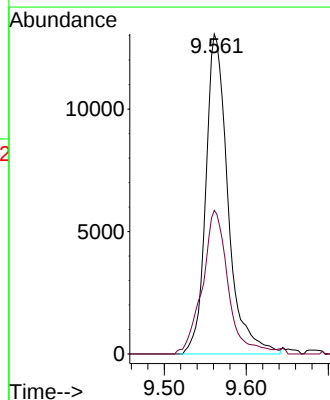
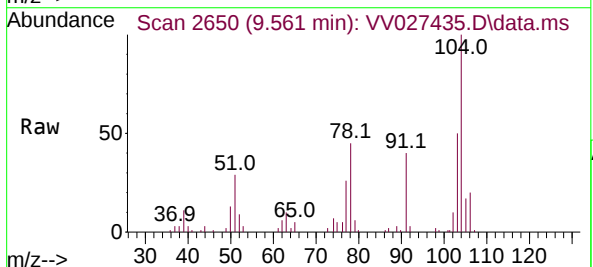
Instrument :
MSVOA_V
ClientSampleId :
VSTD001214

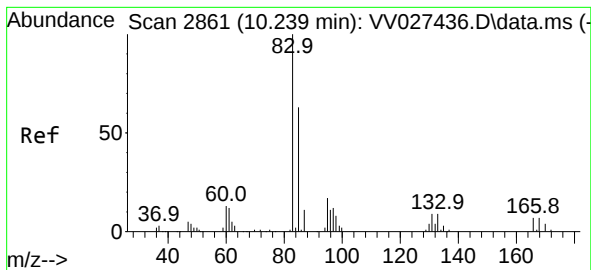
Tgt Ion:106 Resp: 15014
Ion Ratio Lower Upper
106 100
91 207.6 151.6 281.6



#55
Styrene
Concen: 0.806 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

Tgt Ion:104 Resp: 24544
Ion Ratio Lower Upper
104 100
78 44.9 32.0 59.4

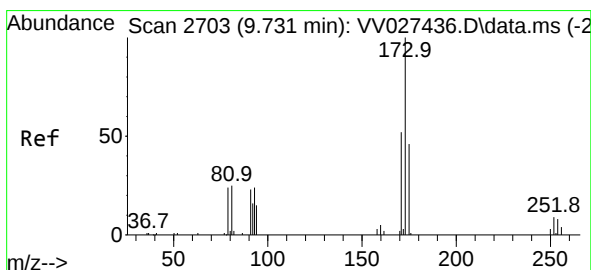
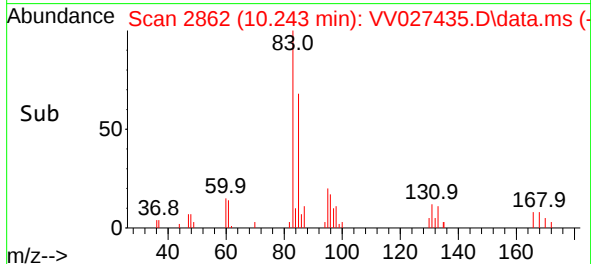
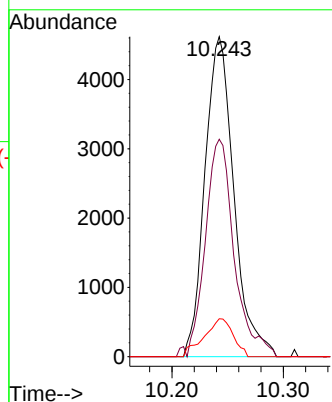
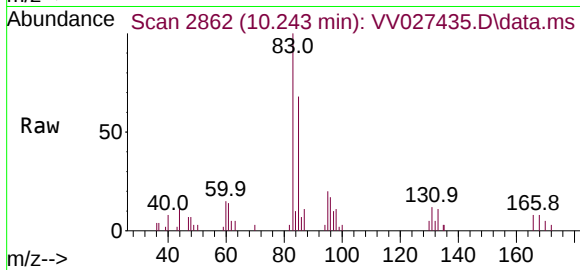




#57
1,1,2,2-Tetrachloroethane
Concen: 0.899 ug/L
RT: 10.243 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

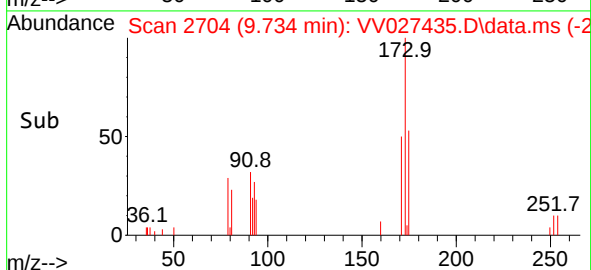
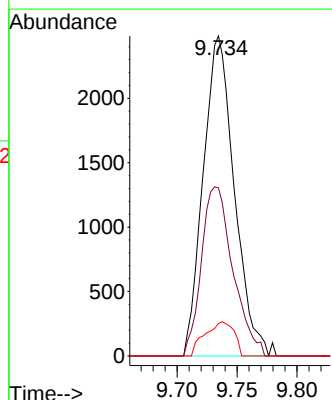
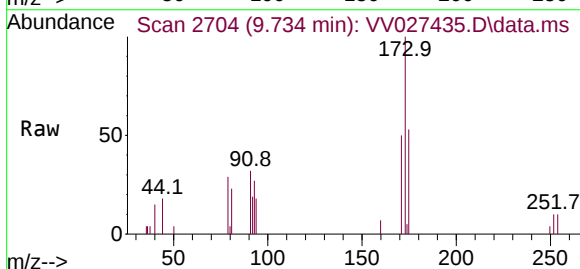
Instrument :
MSVOA_V
ClientSampleId :
VSTD001214

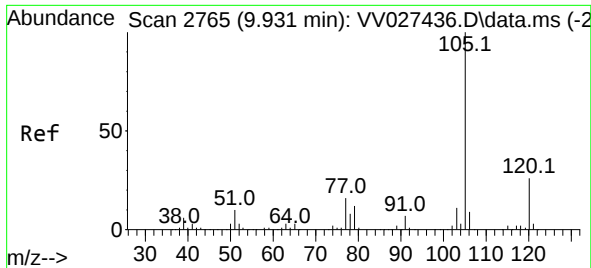
Tgt Ion: 83 Resp: 8333
Ion Ratio Lower Upper
83 100
85 67.9 44.1 81.9
131 11.8 7.3 10.9#



#59
Bromoform
Concen: 1.023 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

Tgt Ion: 173 Resp: 4488
Ion Ratio Lower Upper
173 100
175 53.5 39.0 58.6
254 9.9 7.1 10.7

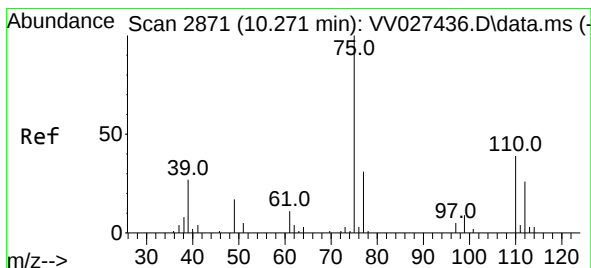
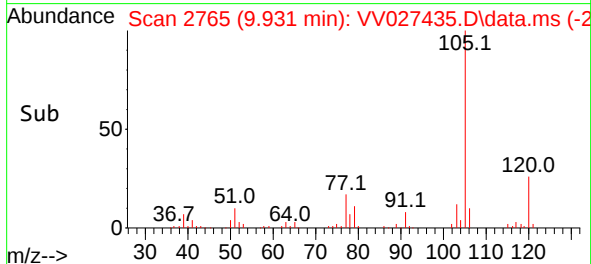
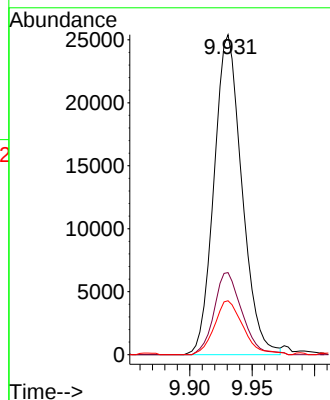
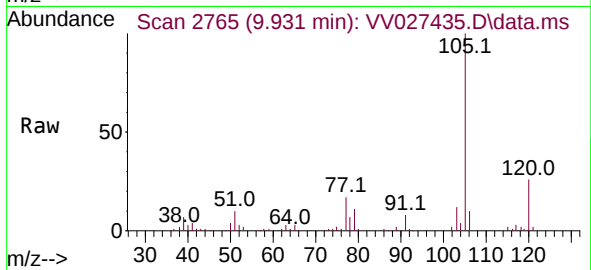




#60
Isopropylbenzene
Concen: 0.957 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

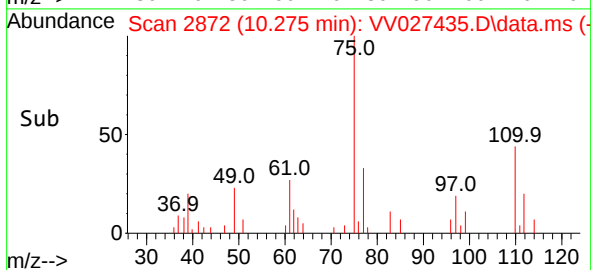
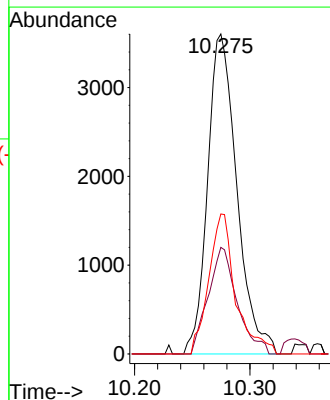
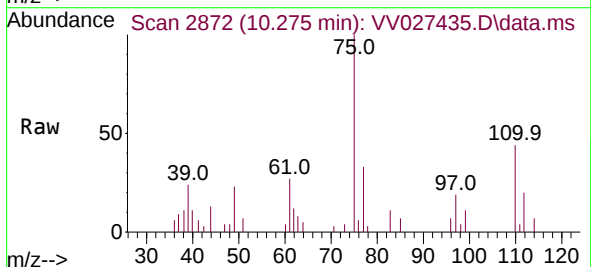
Instrument :
MSVOA_V
ClientSampleId :
VSTD001214

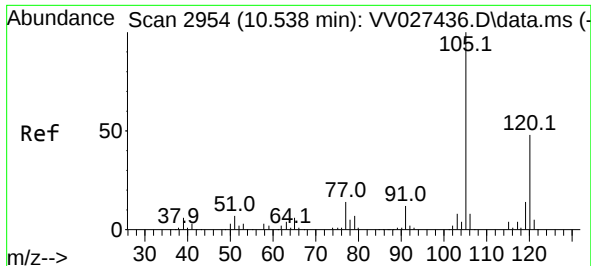
Tgt Ion:105 Resp: 39533
Ion Ratio Lower Upper
105 100
120 25.6 20.9 31.3
77 17.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 1.018 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

Tgt Ion: 75 Resp: 6344
Ion Ratio Lower Upper
75 100
77 32.9 26.2 39.2
110 40.0 29.9 44.9

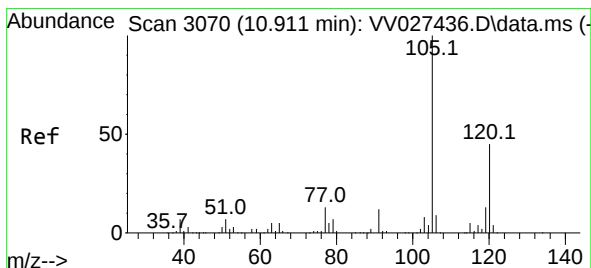
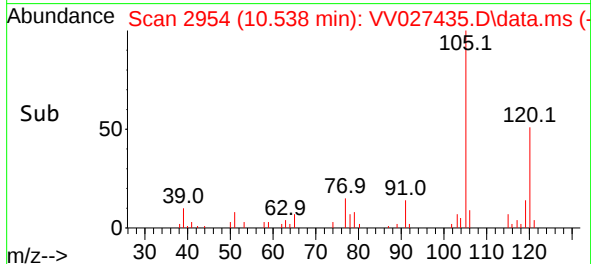
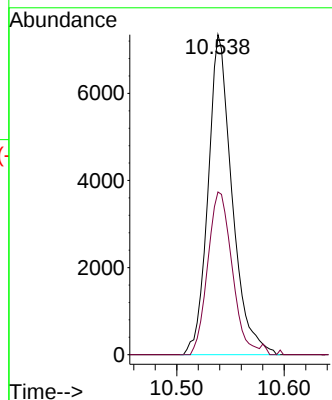
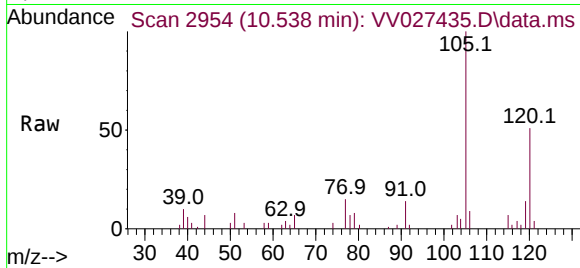




#62
1,3,5-Trimethylbenzene
Concen: 0.999 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

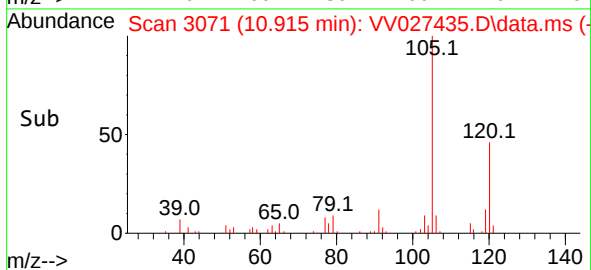
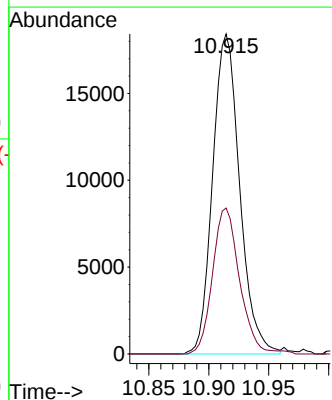
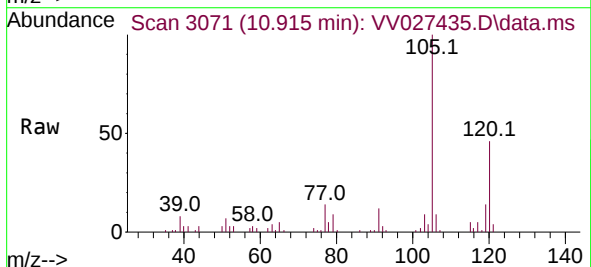
Instrument :
MSVOA_V
ClientSampleId :
VSTD001214

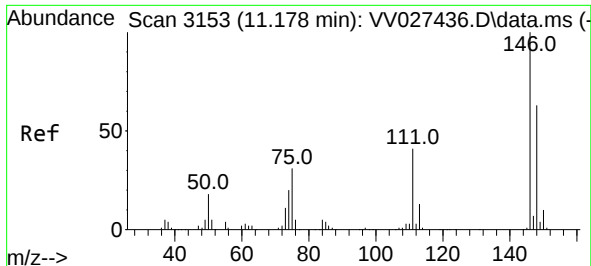
Tgt Ion:105 Resp: 11389
Ion Ratio Lower Upper
105 100
120 52.3 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 0.884 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

Tgt Ion:105 Resp: 28821
Ion Ratio Lower Upper
105 100
120 45.7 35.8 53.6

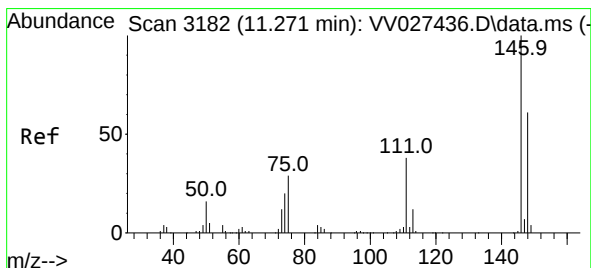
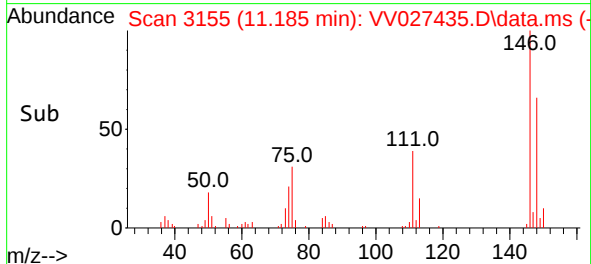
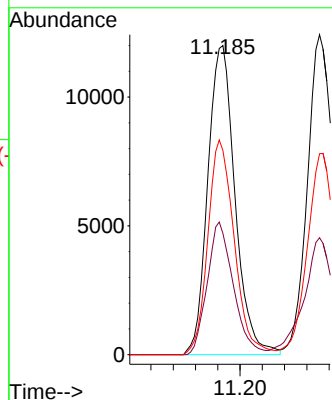
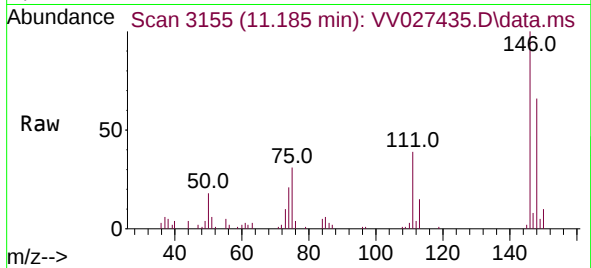




#64
1,3-Dichlorobenzene
Concen: 0.982 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

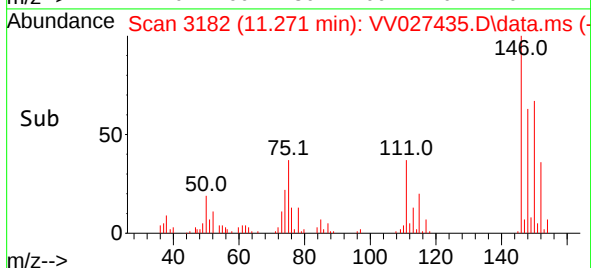
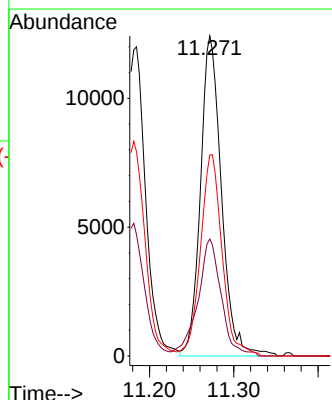
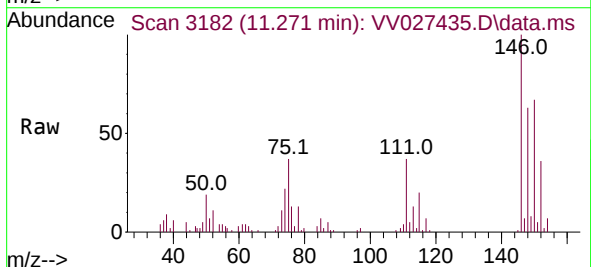
Instrument :
MSVOA_V
ClientSampleId :
VSTD001214

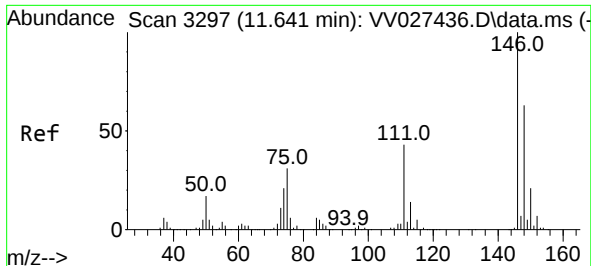
Tgt Ion:146 Resp: 20378
Ion Ratio Lower Upper
146 100
111 39.3 28.8 53.4
148 66.0 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 1.043 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

Tgt Ion:146 Resp: 21555
Ion Ratio Lower Upper
146 100
111 36.5 26.6 49.4
148 62.8 42.6 79.0





#67

1,2-Dichlorobenzene

Concen: 1.011 ug/L

RT: 11.644 min Scan# 3297

Delta R.T. 0.003 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD001214

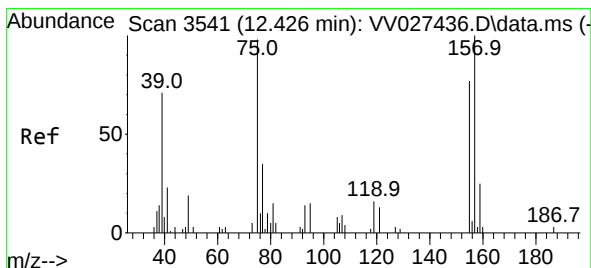
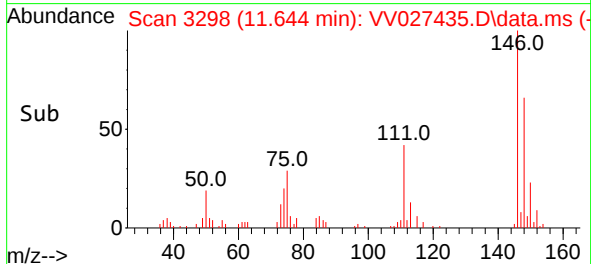
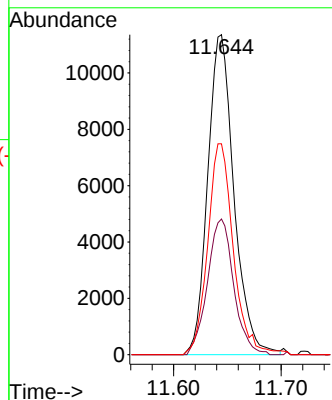
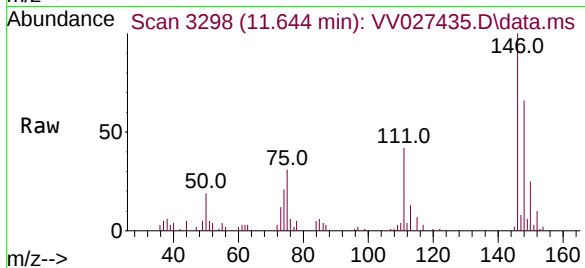
Tgt Ion:146 Resp: 19282

Ion Ratio Lower Upper

146 100

111 42.4 34.5 51.7

148 65.9 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 1.073 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV027435.D

Acq: 19 Aug 2022 10:14

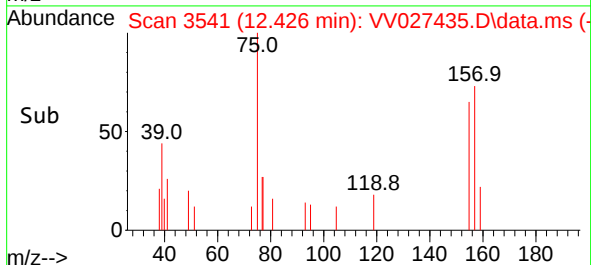
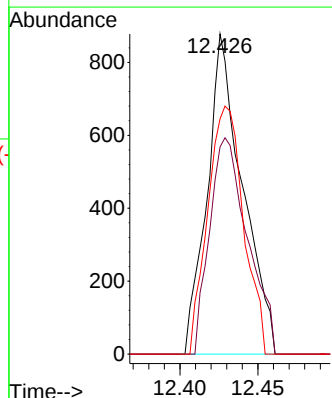
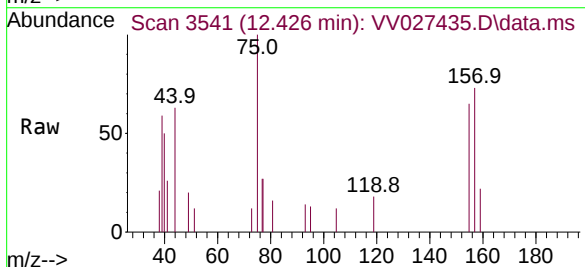
Tgt Ion: 75 Resp: 1383

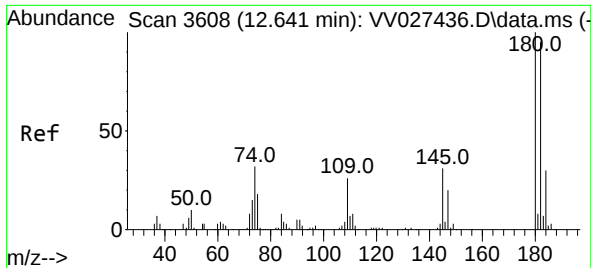
Ion Ratio Lower Upper

75 100

155 64.7 63.1 94.7

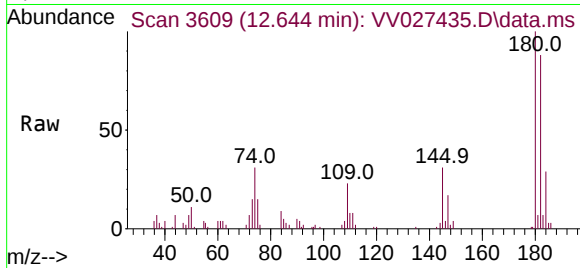
157 73.5 81.8 122.8#



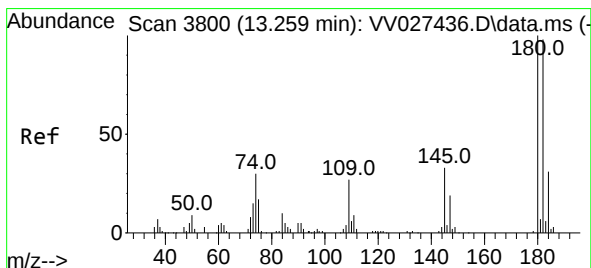
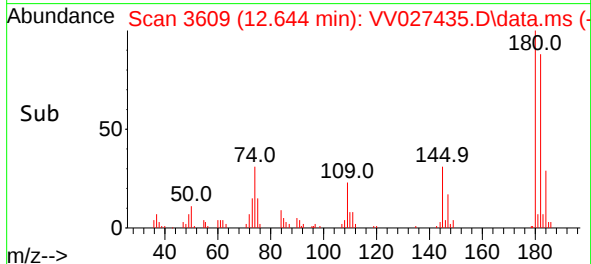
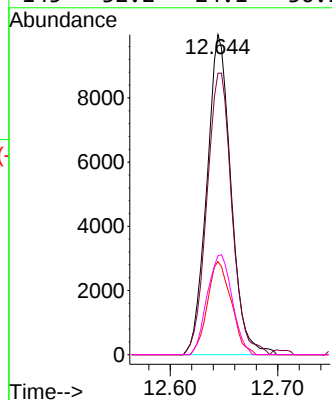


#69
 1,3,5-Trichlorobenzene
 Concen: 1.039 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV027435.D
 Acq: 19 Aug 2022 10:14

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001214

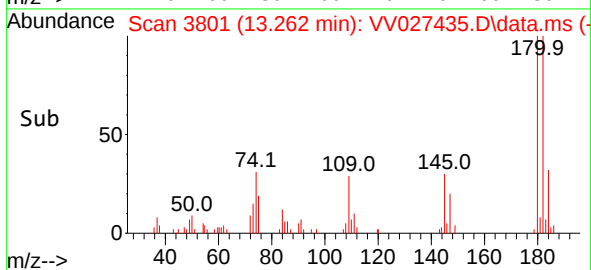
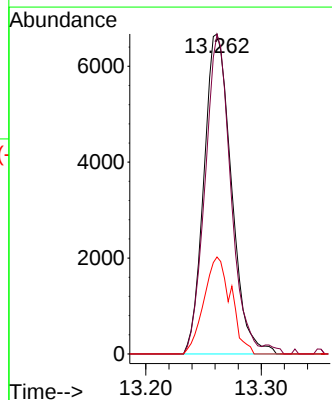
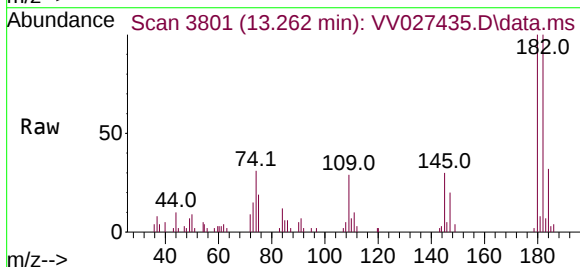


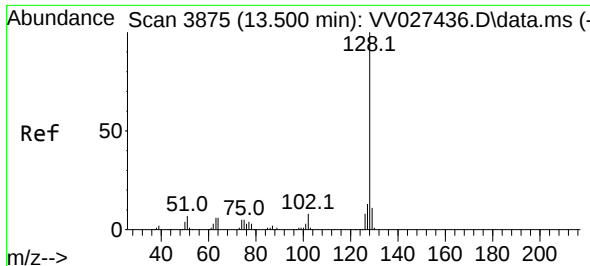
Tgt Ion:180 Resp: 15548
 Ion Ratio Lower Upper
 180 100
 182 91.2 74.1 111.1
 184 28.7 23.2 34.8
 145 32.2 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 0.987 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV027435.D
 Acq: 19 Aug 2022 10:14

Tgt Ion:180 Resp: 11012
 Ion Ratio Lower Upper
 180 100
 182 93.3 76.0 114.0
 145 30.0 24.9 37.3

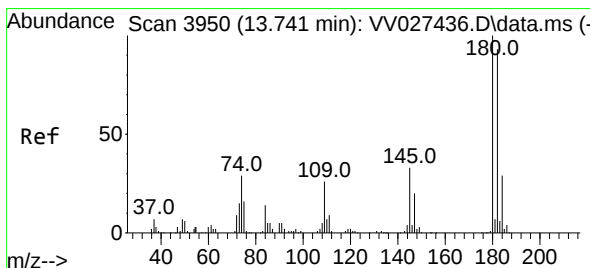
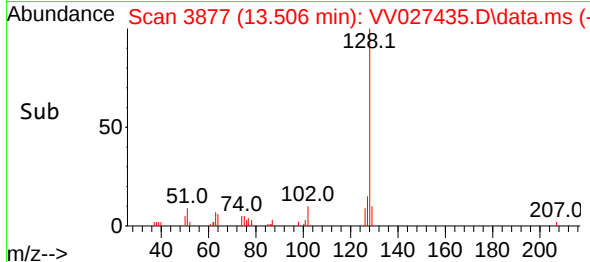
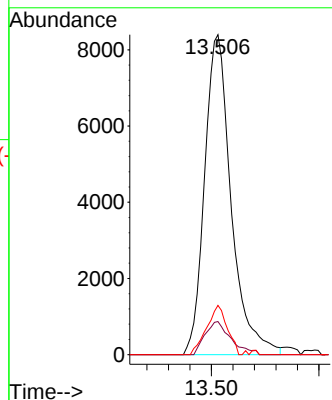
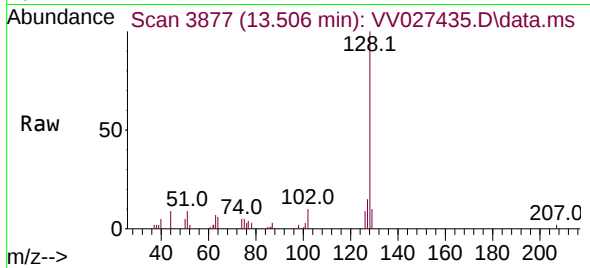




#71
Naphthalene
Concen: 0.856 ug/L
RT: 13.506 min Scan# 3875
Delta R.T. 0.006 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

Instrument :
MSVOA_V
ClientSampleId :
VSTD001214

Tgt Ion:128 Resp: 14424
Ion Ratio Lower Upper
128 100
129 10.0 8.7 13.1
127 11.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.967 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV027435.D
Acq: 19 Aug 2022 10:14

Tgt Ion:180 Resp: 9937
Ion Ratio Lower Upper
180 100
182 90.8 75.3 112.9
145 30.4 26.6 39.8

