

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120321\
 Data File : VY006925.D
 Acq On : 03 Dec 2021 18:49
 Operator : SY/MD
 Sample : VSTD05004
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD050804

Quant Time: Dec 04 02:12:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 04 02:08:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	199995	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	187909	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	89727	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	126001	39.097	ug/L	0.00
7) Chloroethane-d5	2.771	69	90681	37.942	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.856	63	251510	45.770	ug/L	0.00
21) 2-Butanone-d5	6.886	46	86596	95.197	ug/L	0.00
24) Chloroform-d	7.478	84	227392	45.802	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.142	65	134023	41.776	ug/L	0.00
32) Benzene-d6	8.112	84	445240	43.729	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	139513	46.396	ug/L	0.00
41) Toluene-d8	10.178	98	427178	44.044	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.441	79	69664	45.043	ug/L	0.00
47) 2-Hexanone-d5	10.788	63	67133	100.818	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.562	84	114809	48.318	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.720	152	131678	43.348	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	62989	19.592	ug/L	98
3) Chloromethane	2.119	50	107853	32.056	ug/L	99
5) Vinyl chloride	2.259	62	178959	43.026	ug/L	97
6) Bromomethane	2.662	94	103762	53.130	ug/L	97
8) Chloroethane	2.802	64	102558	43.592	ug/L	96
9) Trichlorofluoromethane	3.125	101	129818	27.132	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	125979	47.583	ug/L	99
12) 1,1-Dichloroethene	3.869	96	136736	52.520	ug/L	99
13) Acetone	3.942	43	79495	81.245	ug/L	100
14) Carbon disulfide	4.192	76	435223	47.052	ug/L	100
15) Methyl Acetate	4.472	43	93015	55.595	ug/L	99
16) Methylene chloride	4.716	84	146276	41.355	ug/L	94
17) trans-1,2-Dichloroethene	5.216	96	142663	51.039	ug/L	99
18) Methyl tert-butyl Ether	5.222	73	262252	38.374	ug/L	100
19) 1,1-Dichloroethane	6.015	63	264489	51.701	ug/L	96
20) cis-1,2-Dichloroethene	6.984	96	156816	53.281	ug/L	98
22) 2-Butanone	6.984	43	122985	103.738	ug/L	100
23) Bromochloromethane	7.338	128	71668	53.304	ug/L	96
25) Chloroform	7.508	83	271085	49.183	ug/L	100
27) 1,2-Dichloroethane	8.240	62	202083	51.320	ug/L	99
29) Cyclohexane	7.789	56	259298	51.978	ug/L	100
30) 1,1,1-Trichloroethane	7.703	97	233266	47.799	ug/L	100
31) Carbon tetrachloride	7.904	117	226415	50.605	ug/L	100
33) Benzene	8.161	78	623295	52.092	ug/L	100
34) Trichloroethene	8.941	95	154230	51.172	ug/L	97
35) Methylcyclohexane	9.185	83	283059	53.388	ug/L	98
37) 1,2-Dichloropropane	9.215	63	161252	55.738	ug/L	99
38) Bromodichloromethane	9.496	83	210246	53.356	ug/L	99
39) cis-1,3-Dichloropropene	9.928	75	260465	56.881	ug/L	99
40) 4-Methyl-2-pentanone	10.069	43	292385	124.957	ug/L	99
42) Toluene	10.246	91	684080	52.887	ug/L	100
44) trans-1,3-Dichloropropene	10.465	75	244670	56.527	ug/L	98

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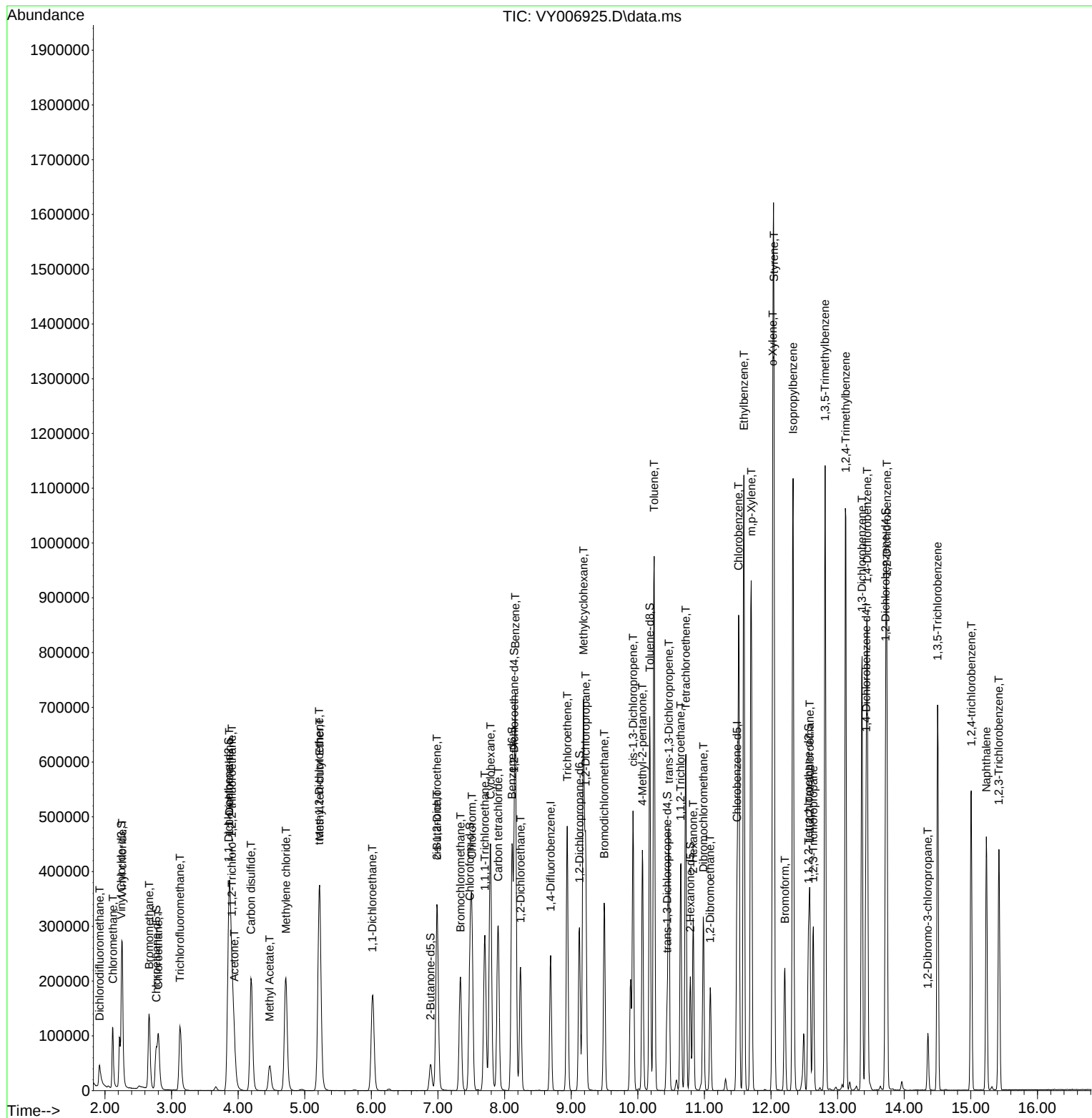
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.642	97	118325	55.371	ug/L	94
46) Tetrachloroethene	10.721	164	129608	51.363	ug/L	96
48) 2-Hexanone	10.831	43	199201	114.050	ug/L	99
49) Dibromochloromethane	10.983	129	147858	55.432	ug/L	98
50) 1,2-Dibromoethane	11.087	107	114601	57.310	ug/L	100
51) Chlorobenzene	11.514	112	413989	52.624	ug/L	99
52) Ethylbenzene	11.593	91	736782	53.223	ug/L	100
53) m,p-Xylene	11.703	106	276900	52.557	ug/L	99
54) o-Xylene	12.026	106	262179	51.988	ug/L	99
55) Styrene	12.044	104	472001	53.519	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.580	83	149324	62.039	ug/L	99
59) Bromoform	12.209	173	95821	59.239	ug/L	100
60) Isopropylbenzene	12.331	105	687894	54.469	ug/L	99
61) 1,2,3-Trichloropropane	12.635	75	112312	59.833	ug/L	99
62) 1,3,5-Trimethylbenzene	12.812	105	568827	55.401	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	556531	54.808	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	303019	53.551	ug/L	99
65) 1,4-Dichlorobenzene	13.446	146	303147	53.259	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	271802	52.986	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.355	75	24753	56.887	ug/L	92
69) 1,3,5-Trichlorobenzene	14.501	180	205705	52.067	ug/L	100
70) 1,2,4-trichlorobenzene	15.007	180	166225	52.198	ug/L	99
71) Naphthalene	15.232	128	352057	56.358	ug/L	100
72) 1,2,3-Trichlorobenzene	15.421	180	139018	50.754	ug/L	98

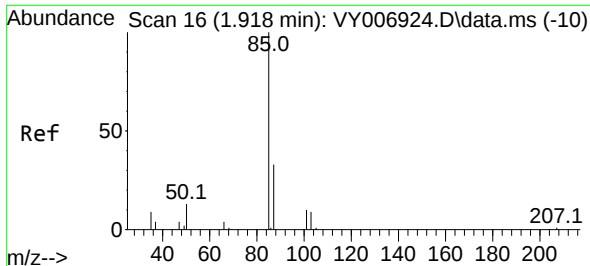
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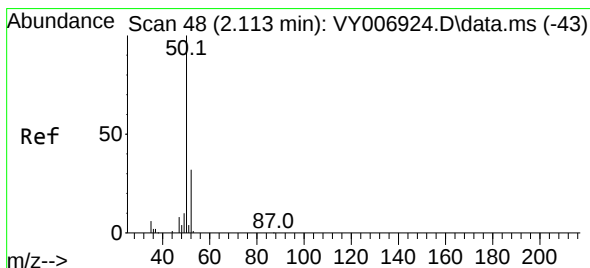
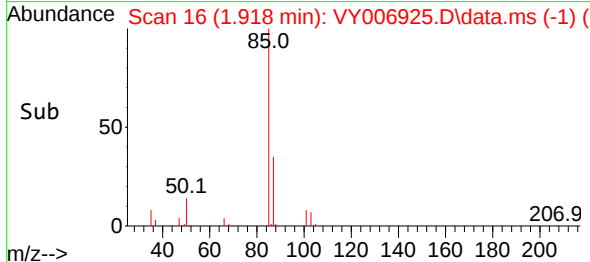
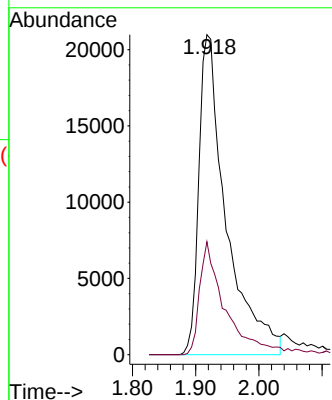
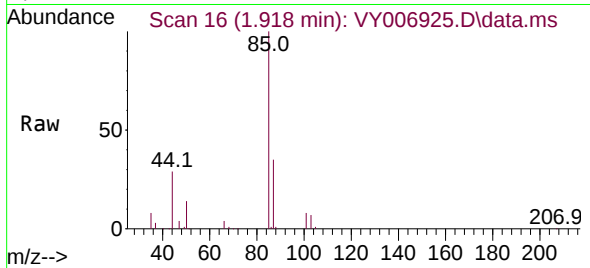




#2
Dichlorodifluoromethane
Concen: 19.592 ug/L
RT: 1.918 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

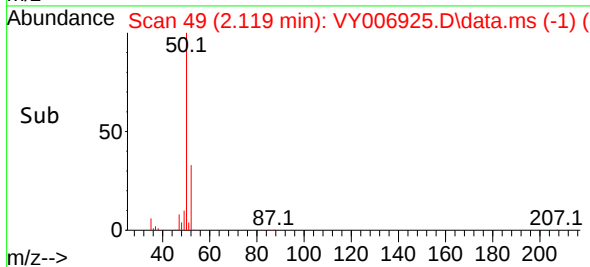
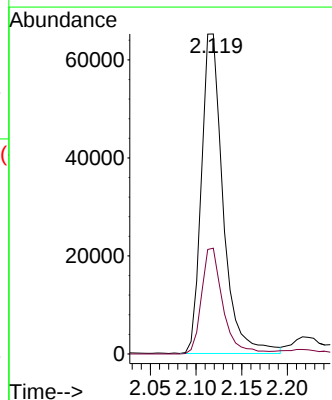
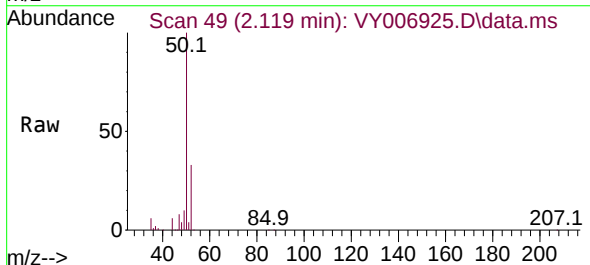
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050804

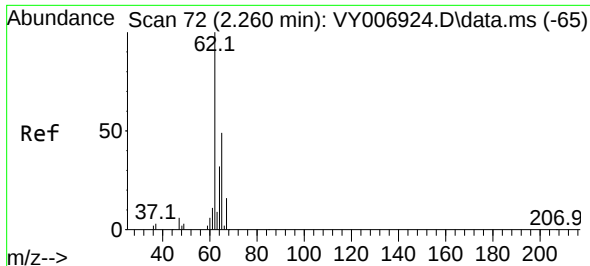
Tgt Ion: 85 Resp: 62989
Ion Ratio Lower Upper
85 100
87 31.9 26.3 39.5



#3
Chloromethane
Concen: 32.056 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion: 50 Resp: 107853
Ion Ratio Lower Upper
50 100
52 33.1 22.7 42.1

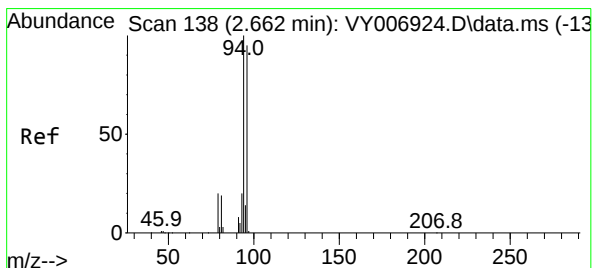
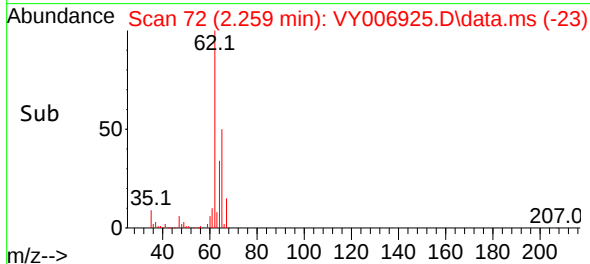
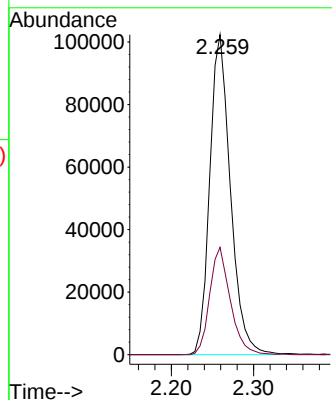
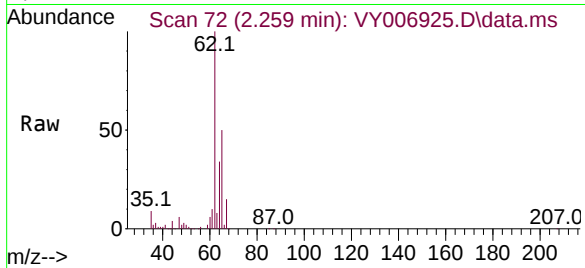




#5
 Vinyl chloride
 Concen: 43.026 ug/L
 RT: 2.259 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VY006925.D
 Acq: 03 Dec 2021 18:49

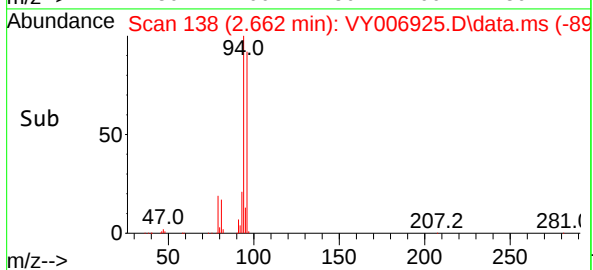
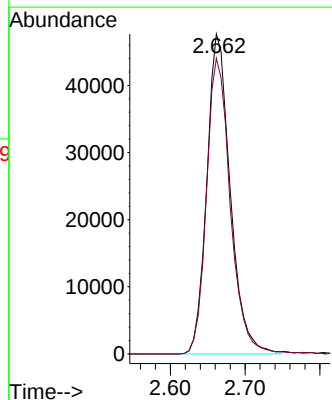
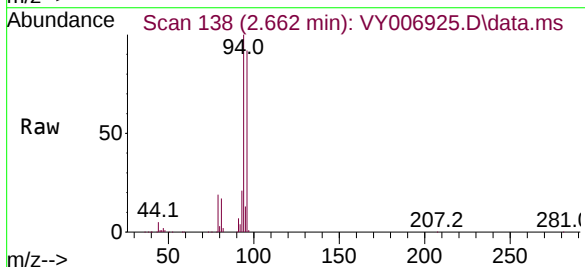
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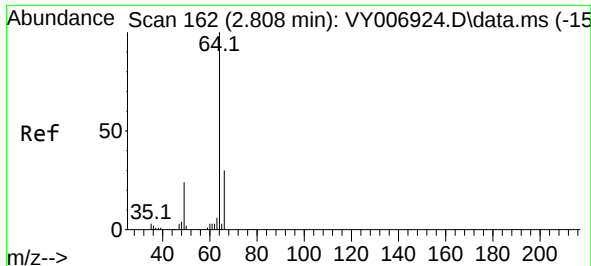
Tgt Ion: 62 Resp: 178959
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.4 41.6



#6
 Bromomethane
 Concen: 53.130 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VY006925.D
 Acq: 03 Dec 2021 18:49

Tgt Ion: 94 Resp: 103762
 Ion Ratio Lower Upper
 94 100
 96 92.4 66.5 123.5

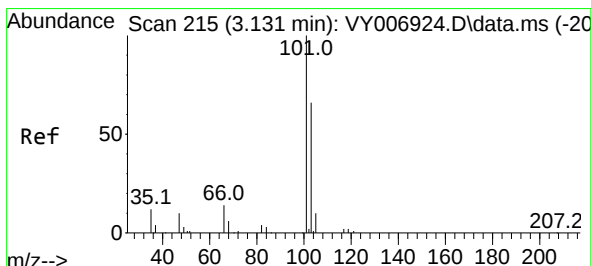
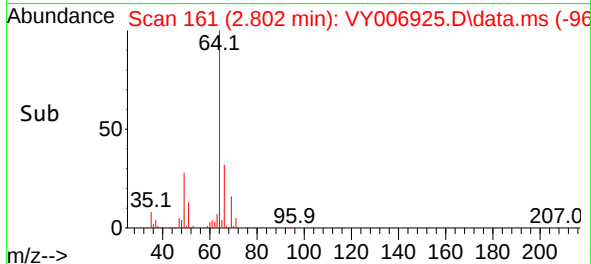
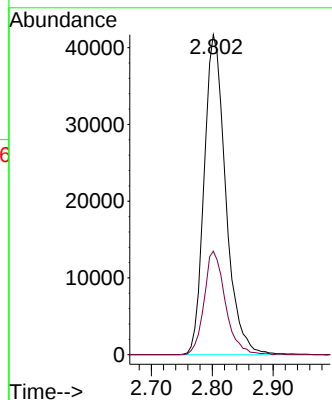
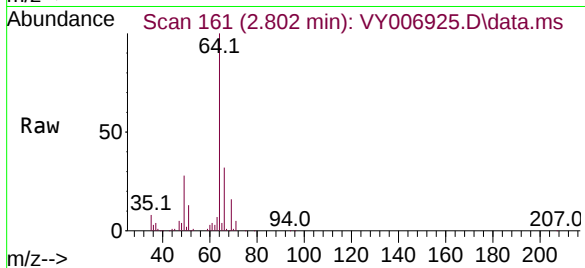




#8
Chloroethane
Concen: 43.592 ug/L
RT: 2.802 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

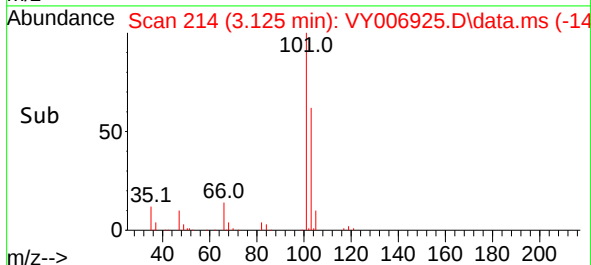
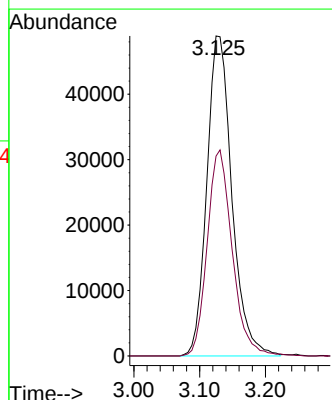
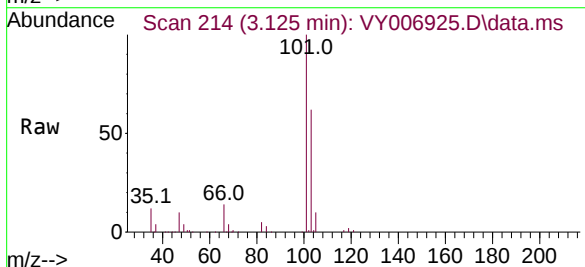
Instrument :
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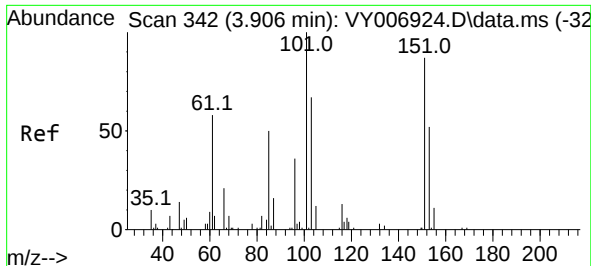
Tgt Ion: 64 Resp: 102558
Ion Ratio Lower Upper
64 100
66 32.4 21.1 39.3



#9
Trichlorofluoromethane
Concen: 27.132 ug/L
RT: 3.125 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion:101 Resp: 129818
Ion Ratio Lower Upper
101 100
103 64.2 51.3 76.9

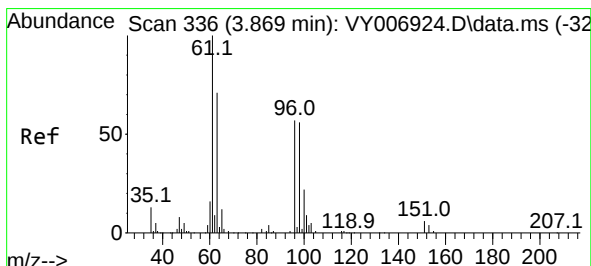
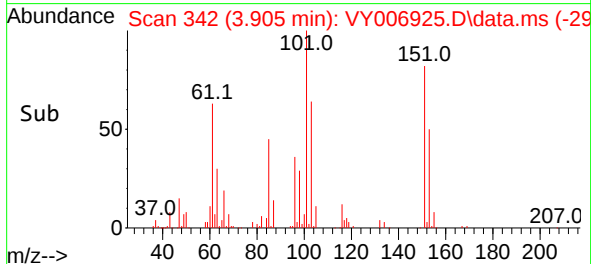
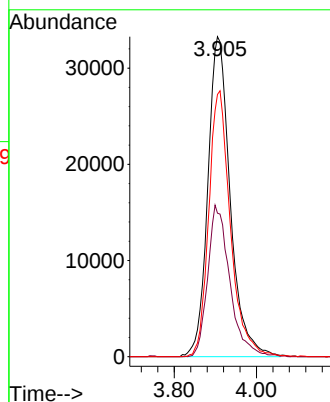
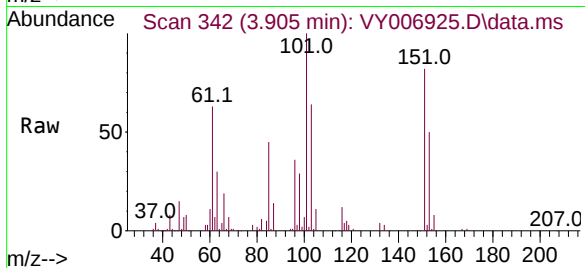




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.583 ug/L
 RT: 3.905 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VY006925.D
 Acq: 03 Dec 2021 18:49

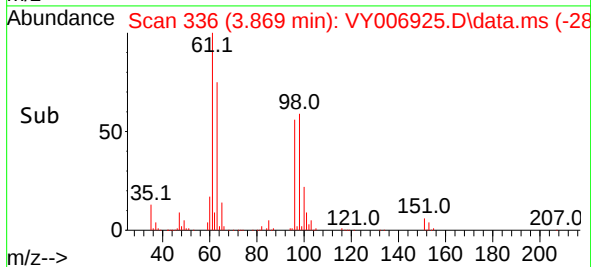
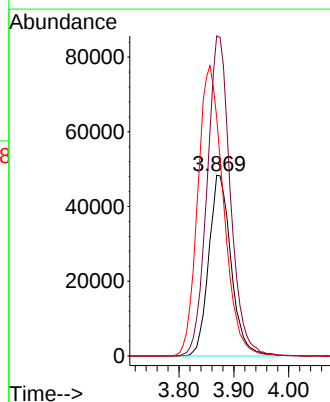
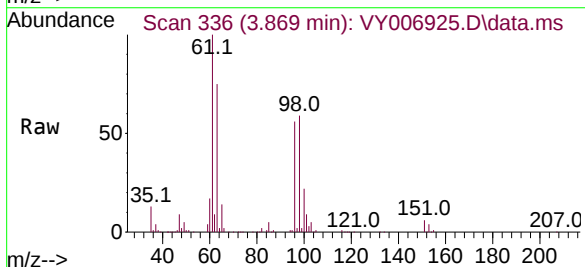
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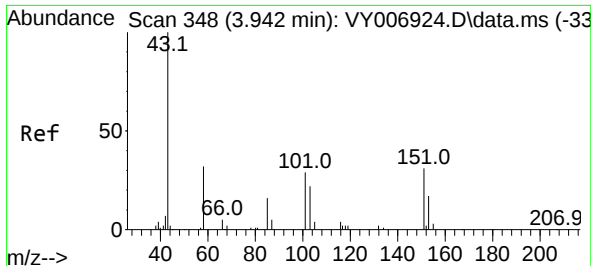
Tgt Ion:101 Resp: 125979
 Ion Ratio Lower Upper
 101 100
 85 46.4 38.2 57.2
 151 80.1 64.2 96.4



#12
 1,1-Dichloroethene
 Concen: 52.520 ug/L
 RT: 3.869 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VY006925.D
 Acq: 03 Dec 2021 18:49

Tgt Ion: 96 Resp: 136736
 Ion Ratio Lower Upper
 96 100
 61 177.2 123.3 229.1
 63 132.2 91.2 169.4

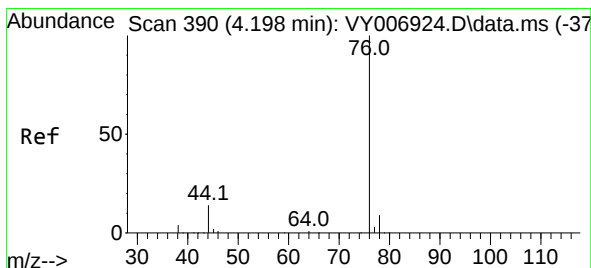
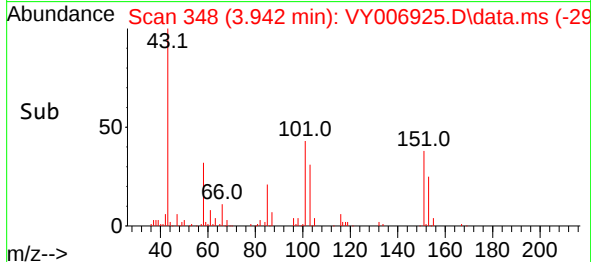
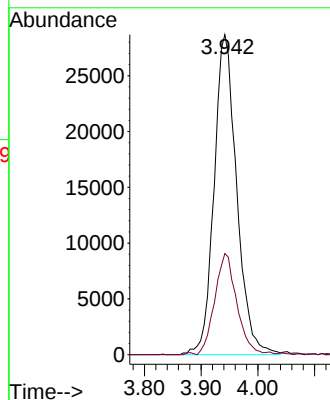
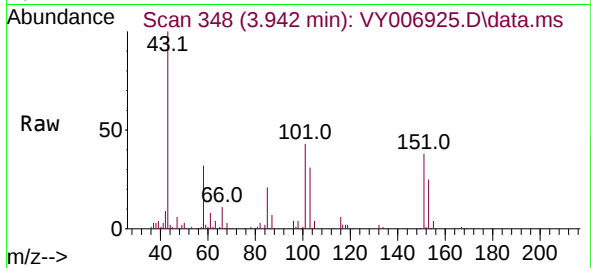




#13
Acetone
Concen: 81.245 ug/L
RT: 3.942 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

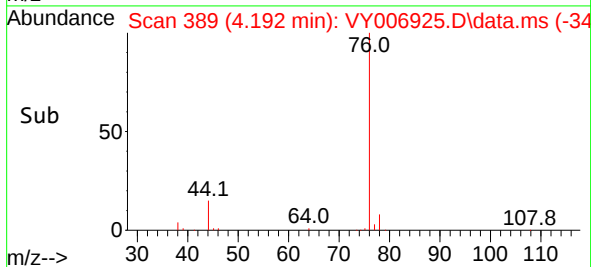
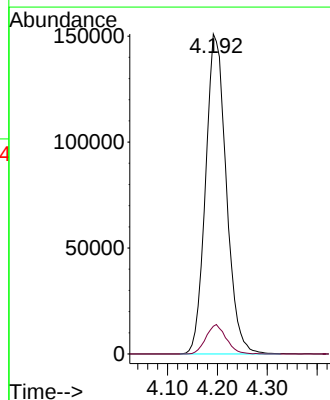
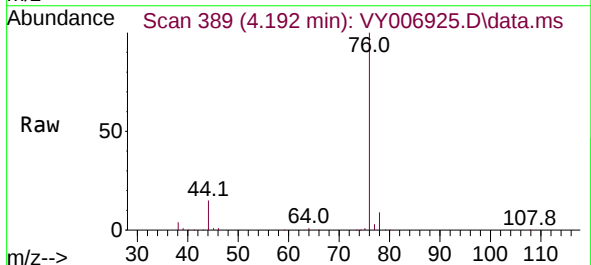
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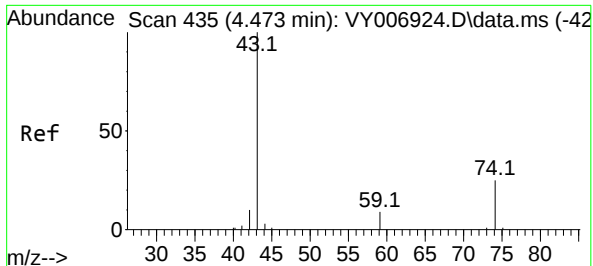
Tgt Ion: 43 Resp: 79495
Ion Ratio Lower Upper
43 100
58 30.6 0.0 60.8



#14
Carbon disulfide
Concen: 47.052 ug/L
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 435223
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

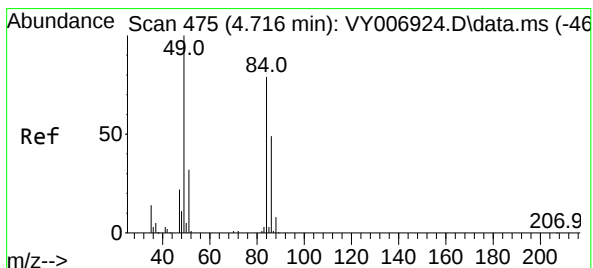
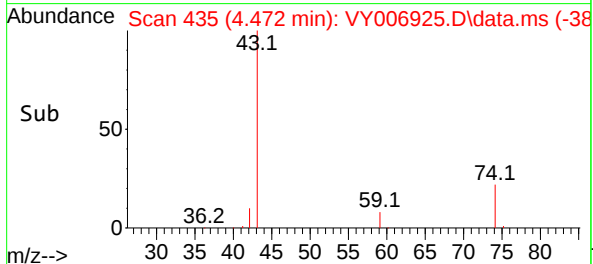
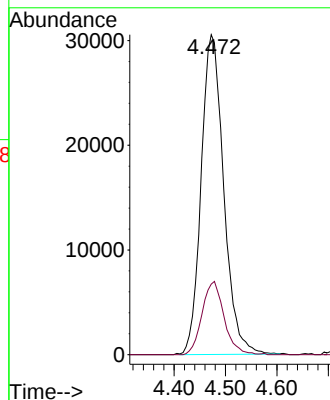
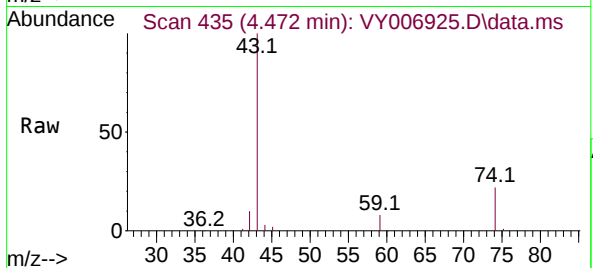




#15
Methyl Acetate
Concen: 55.595 ug/L
RT: 4.472 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

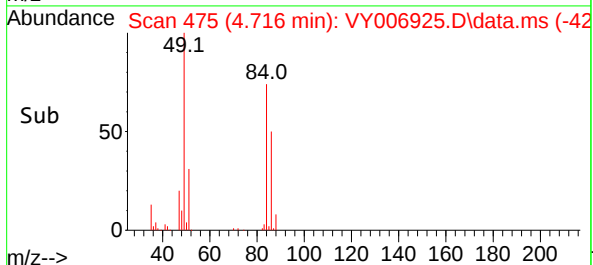
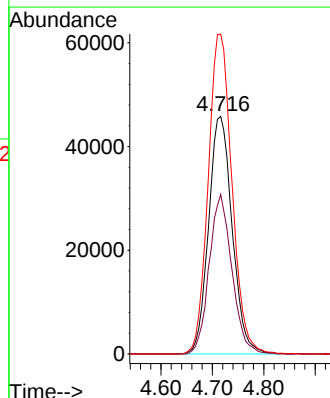
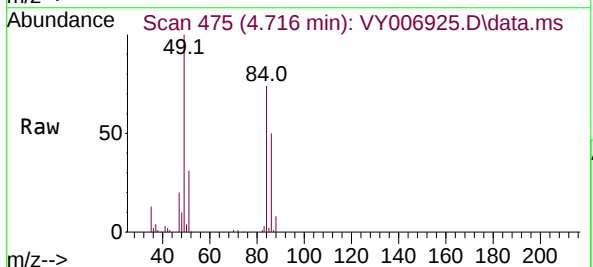
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050804

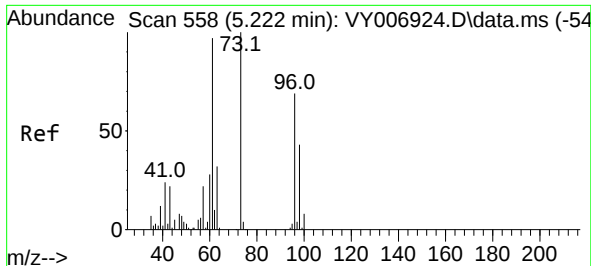
Tgt Ion: 43 Resp: 93015
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.2



#16
Methylene chloride
Concen: 41.355 ug/L
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion: 84 Resp: 146276
Ion Ratio Lower Upper
84 100
86 67.1 43.4 80.6
49 134.7 89.1 165.5





#17

trans-1,2-Dichloroethene

Concen: 51.039 ug/L

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY006925.D

Acq: 03 Dec 2021 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTD050804

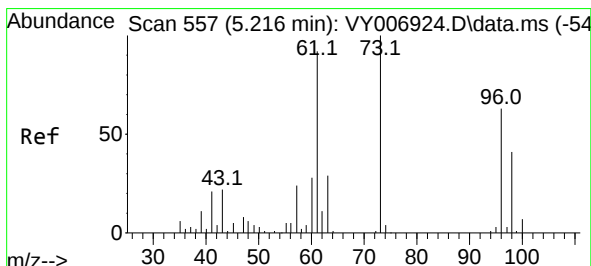
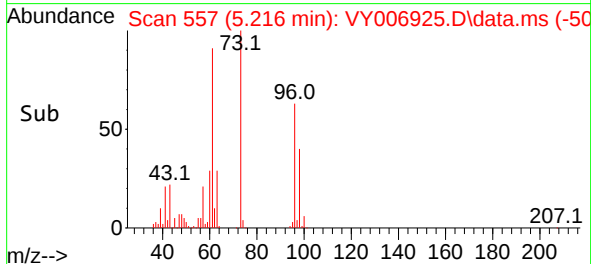
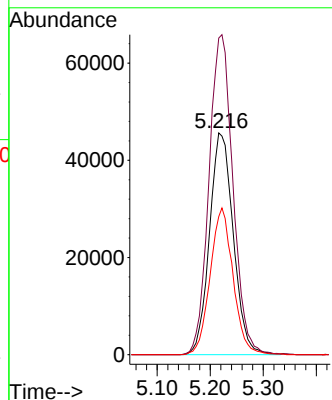
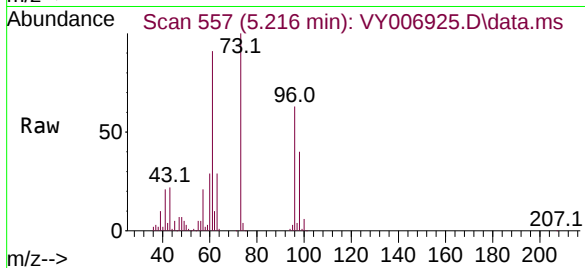
Tgt Ion: 96 Resp: 142663

Ion Ratio Lower Upper

96 100

61 142.8 98.5 182.9

98 62.3 43.7 81.1



#18

Methyl tert-butyl Ether

Concen: 38.374 ug/L

RT: 5.222 min Scan# 558

Delta R.T. 0.006 min

Lab File: VY006925.D

Acq: 03 Dec 2021 18:49

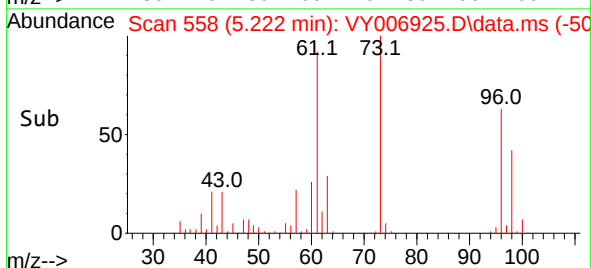
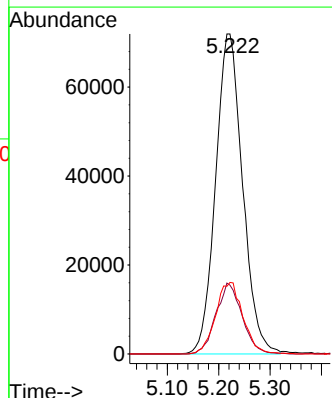
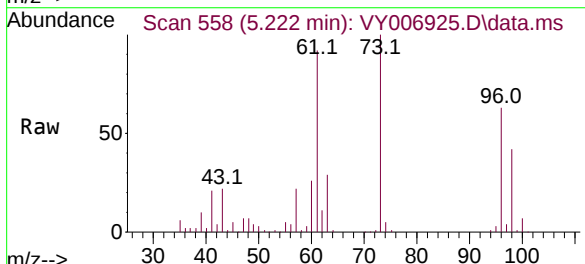
Tgt Ion: 73 Resp: 262252

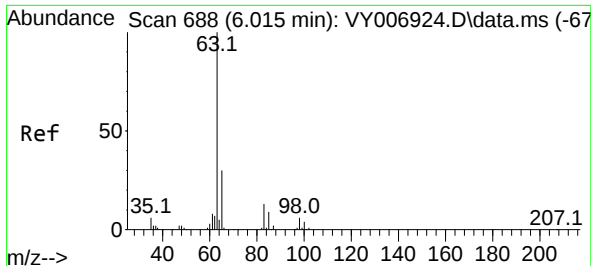
Ion Ratio Lower Upper

73 100

43 21.4 16.9 25.3

57 22.6 18.1 27.1





#19

1,1-Dichloroethane

Concen: 51.701 ug/L

RT: 6.015 min Scan# 61

Delta R.T. -0.000 min

Lab File: VY006925.D

Acq: 03 Dec 2021 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTD050804

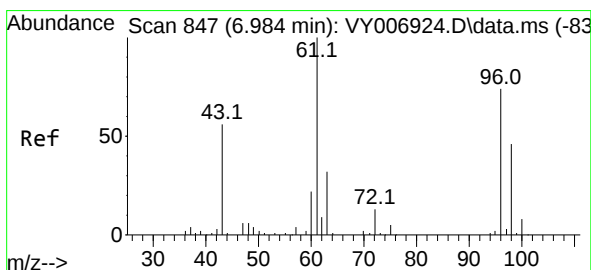
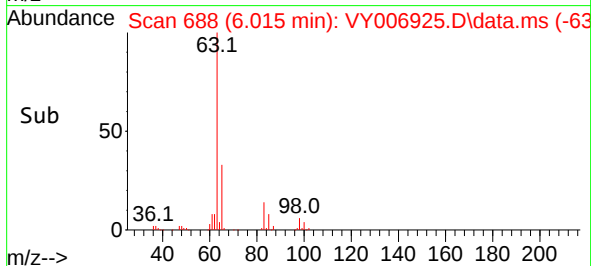
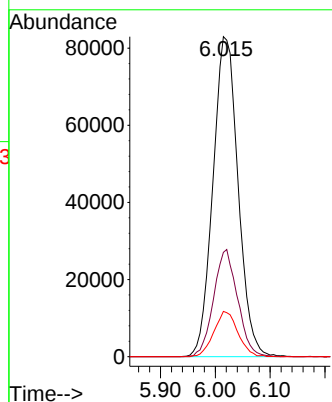
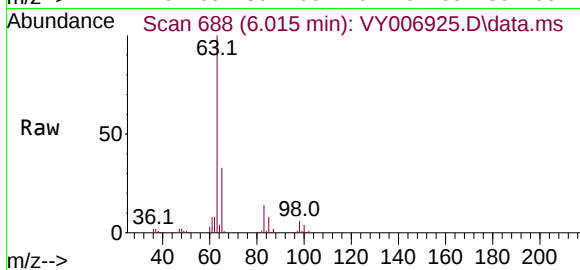
Tgt Ion: 63 Resp: 264489

Ion Ratio Lower Upper

63 100

65 32.6 21.0 39.0

83 14.1 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 53.281 ug/L

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY006925.D

Acq: 03 Dec 2021 18:49

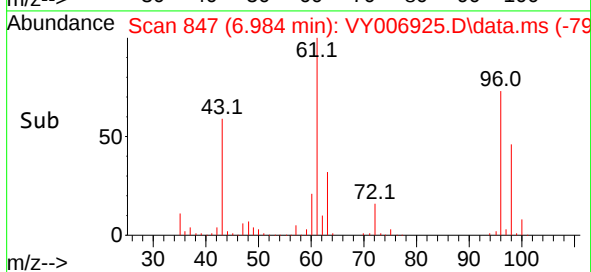
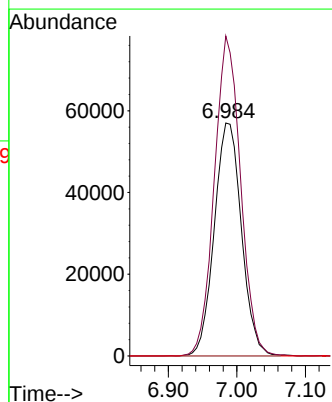
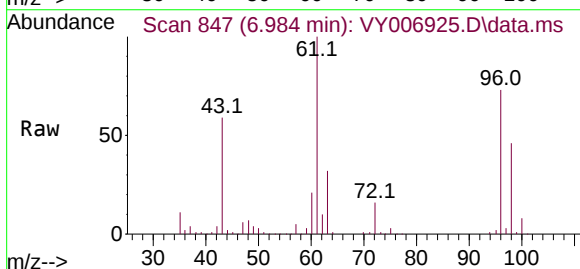
Tgt Ion: 96 Resp: 156816

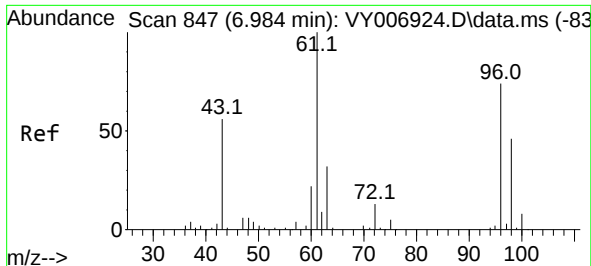
Ion Ratio Lower Upper

96 100

61 137.4 94.2 175.0

68 0.0 0.0 0.0

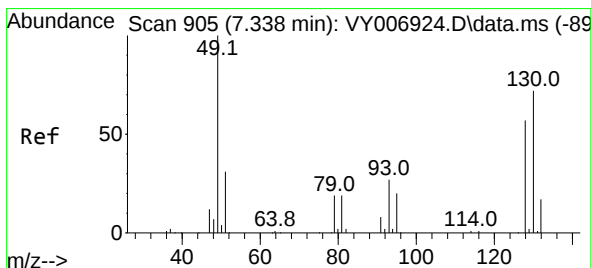
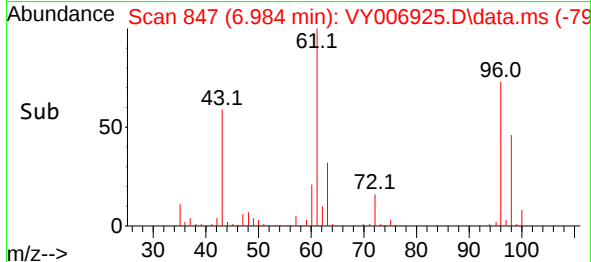
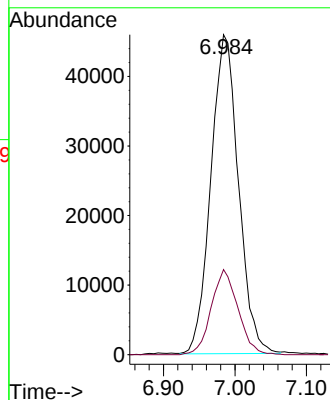
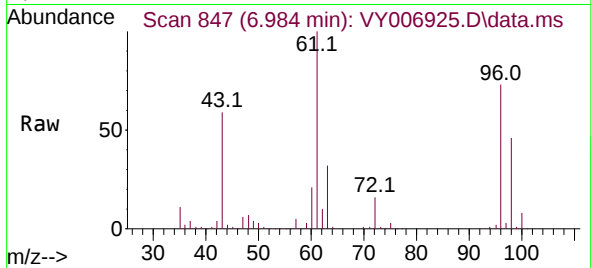




#22
2-Butanone
Concen: 103.738 ug/L
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

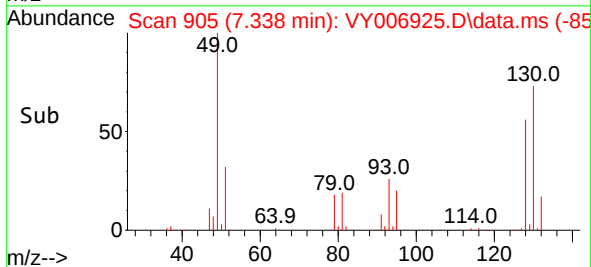
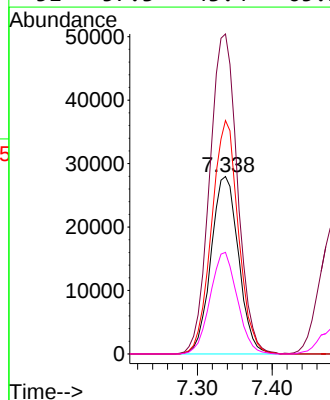
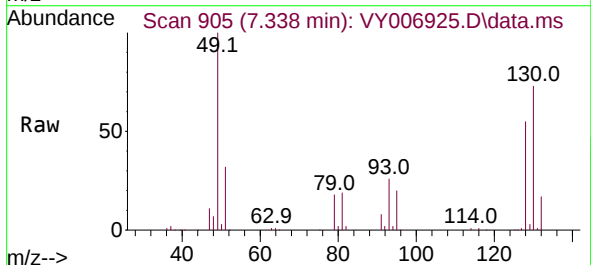
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050804

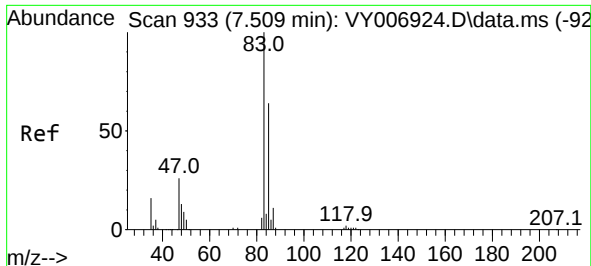
Tgt Ion: 43 Resp: 122985
Ion Ratio Lower Upper
43 100
72 25.8 12.9 38.6



#23
Bromochloromethane
Concen: 53.304 ug/L
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion:128 Resp: 71668
Ion Ratio Lower Upper
128 100
49 180.4 123.5 229.3
130 131.6 88.5 164.4
51 57.3 43.4 65.2

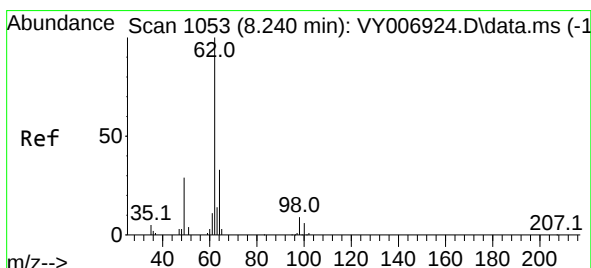
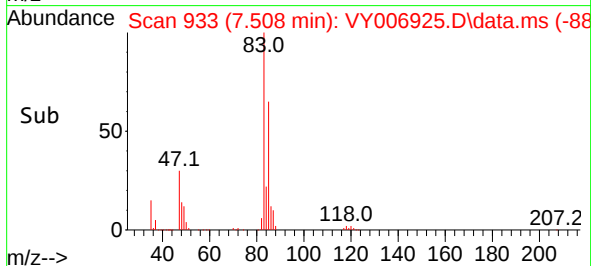
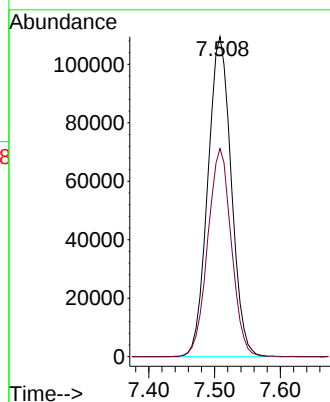
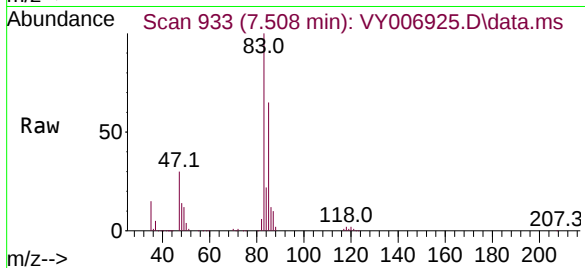




#25
Chloroform
Concen: 49.183 ug/L
RT: 7.508 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

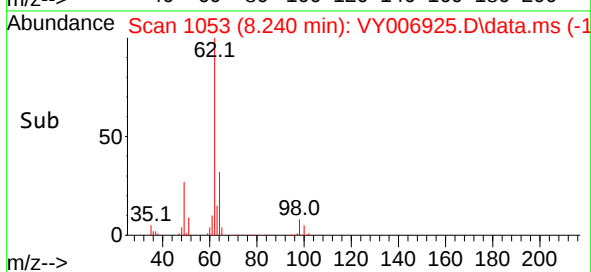
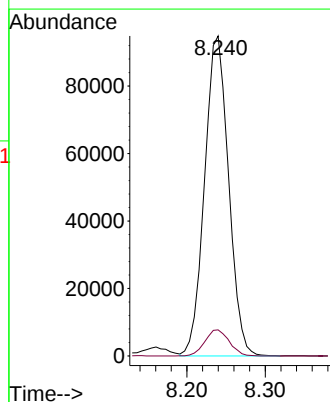
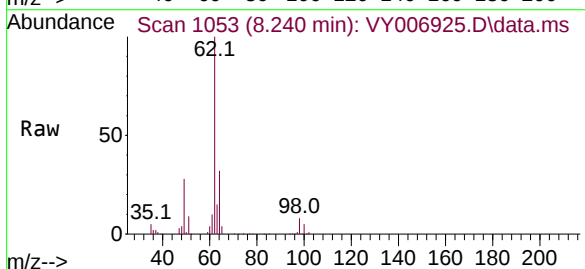
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050804

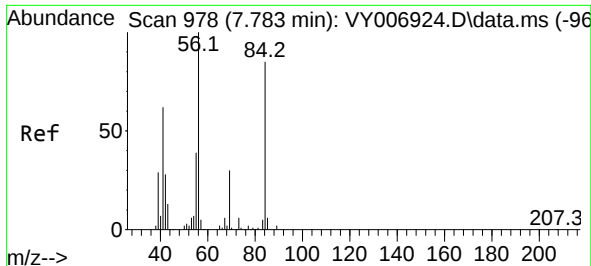
Tgt Ion: 83 Resp: 271085
Ion Ratio Lower Upper
83 100
85 65.0 45.4 84.2



#27
1,2-Dichloroethane
Concen: 51.320 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion: 62 Resp: 202083
Ion Ratio Lower Upper
62 100
98 8.1 6.9 10.3

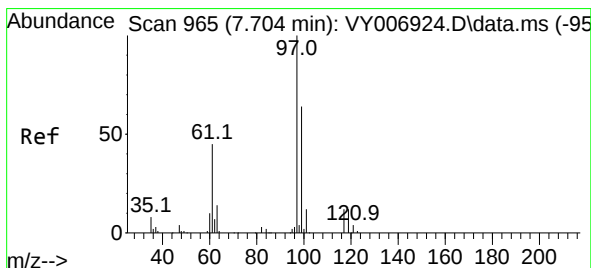
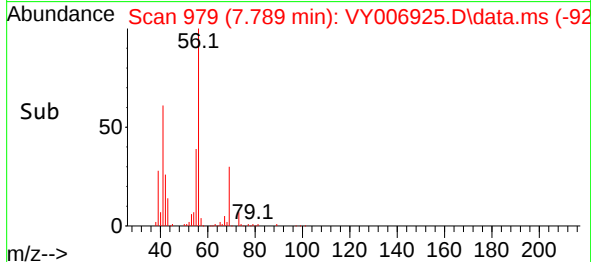
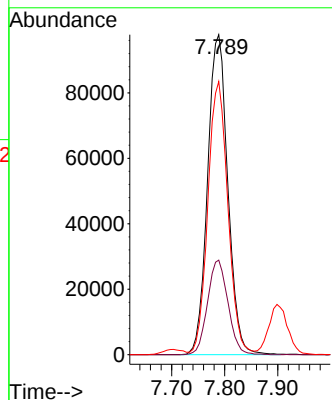
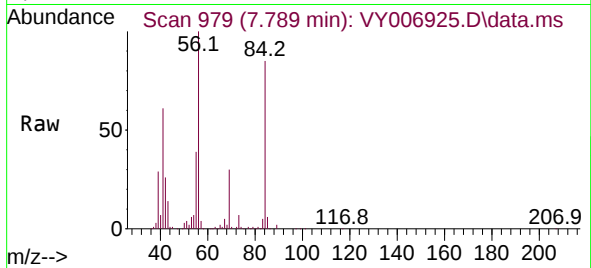




#29
Cyclohexane
Concen: 51.978 ug/L
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

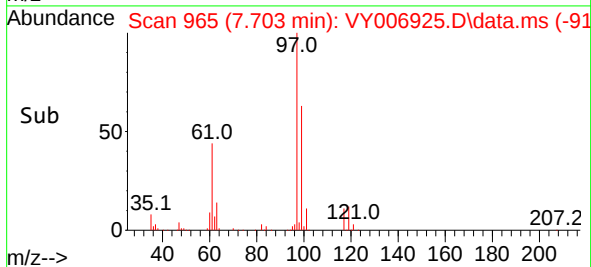
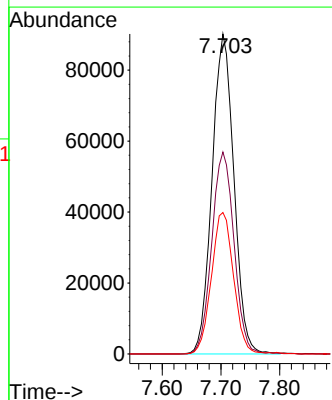
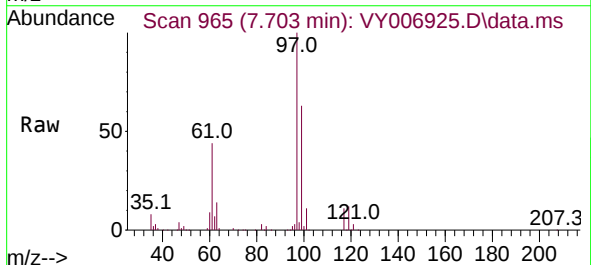
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050804

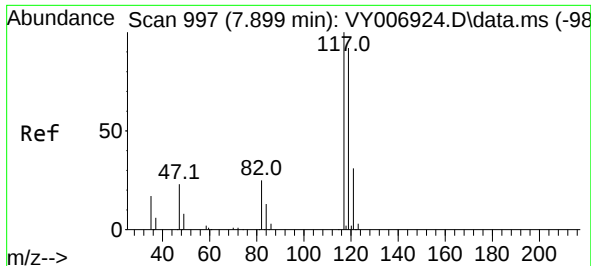
Tgt Ion: 56 Resp: 259298
Ion Ratio Lower Upper
56 100
69 29.8 24.1 36.1
84 84.7 67.8 101.6



#30
1,1,1-Trichloroethane
Concen: 47.799 ug/L
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion: 97 Resp: 233266
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 44.8 35.7 53.5

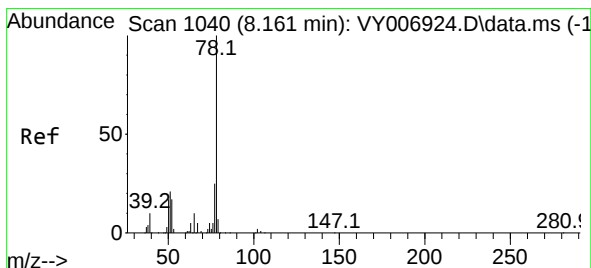
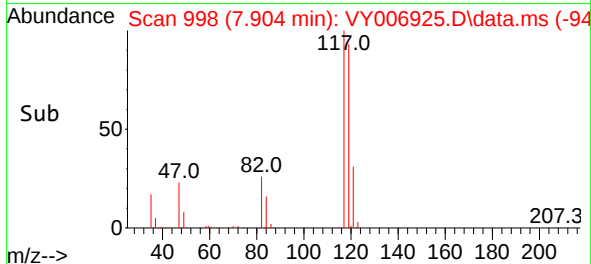
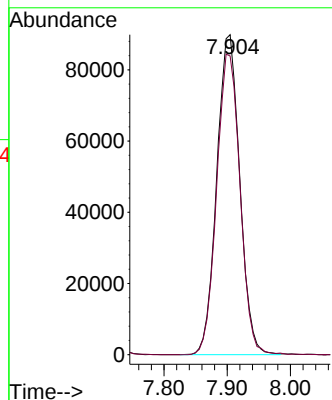
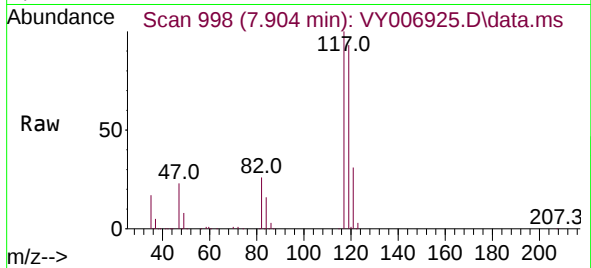




#31
Carbon tetrachloride
Concen: 50.605 ug/L
RT: 7.904 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

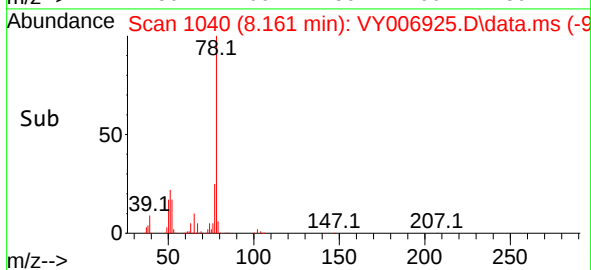
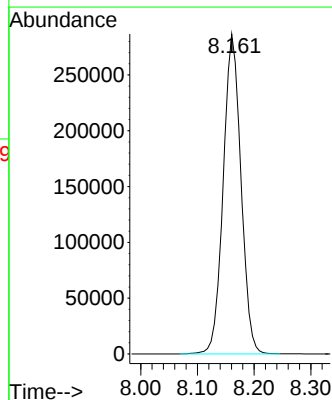
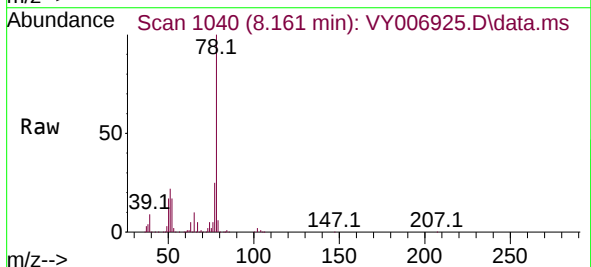
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050804

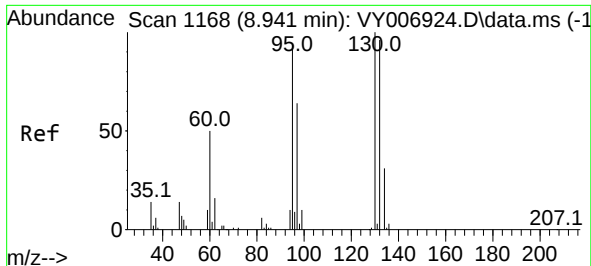
Tgt Ion:117 Resp: 226415
Ion Ratio Lower Upper
117 100
119 95.4 76.4 114.6



#33
Benzene
Concen: 52.092 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion: 78 Resp: 623295



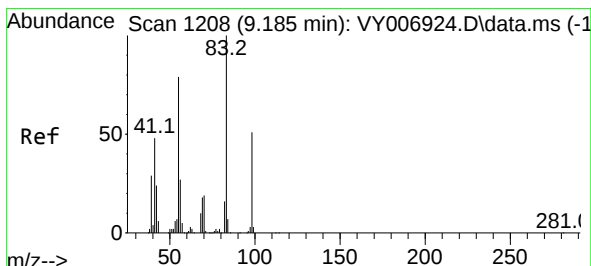
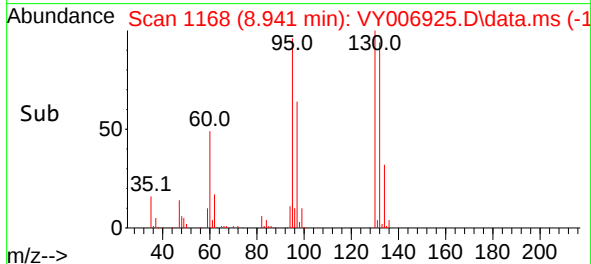
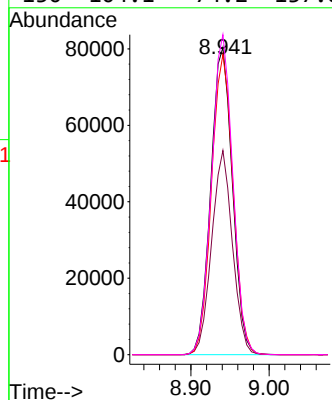
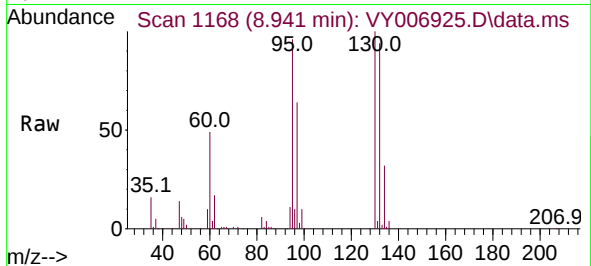


#34
Trichloroethene
Concen: 51.172 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTD050804

Tgt Ion: 95 Resp: 154230

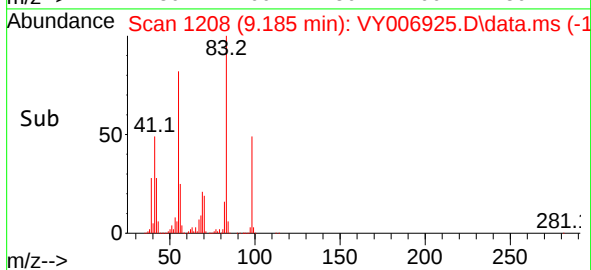
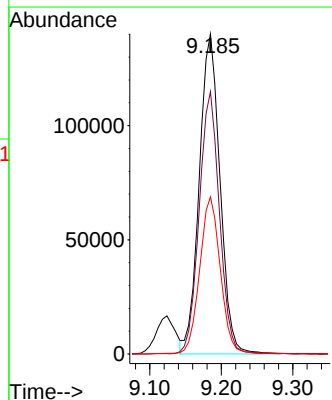
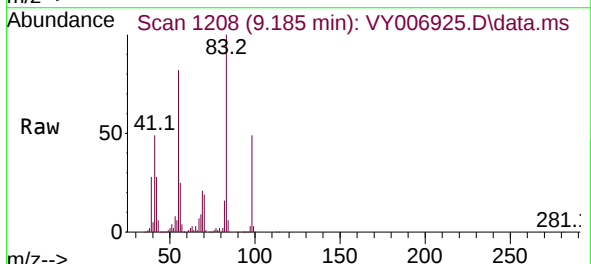
Ion	Ratio	Lower	Upper
95	100		
97	66.4	47.3	87.8
132	97.6	71.3	132.5
130	104.1	74.2	137.8

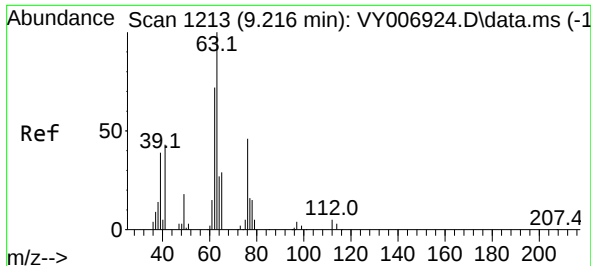


#35
Methylcyclohexane
Concen: 53.388 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion: 83 Resp: 283059

Ion	Ratio	Lower	Upper
83	100		
55	80.0	62.6	94.0
98	48.2	39.1	58.7





#37

1,2-Dichloropropane

Concen: 55.738 ug/L

RT: 9.215 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006925.D

Acq: 03 Dec 2021 18:49

Instrument :

MSVOA_Y

ClientSampleId :

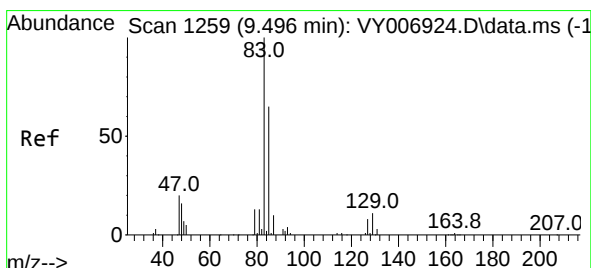
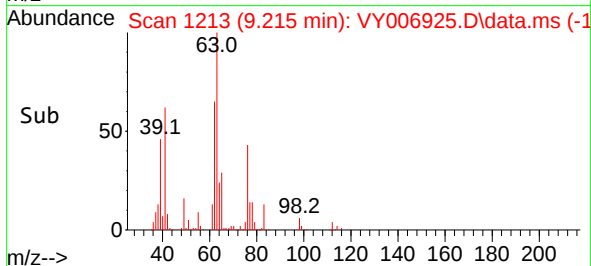
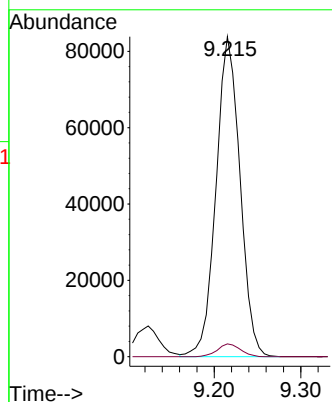
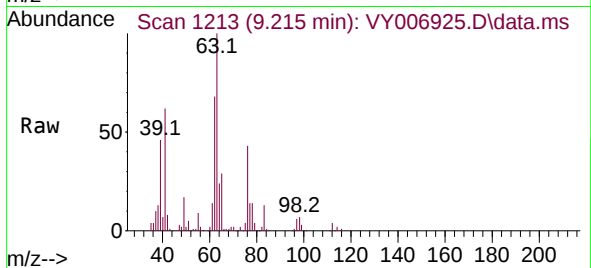
VSTD050804

Tgt Ion: 63 Resp: 161252

Ion Ratio Lower Upper

63 100

112 3.9 3.4 5.2



#38

Bromodichloromethane

Concen: 53.356 ug/L

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY006925.D

Acq: 03 Dec 2021 18:49

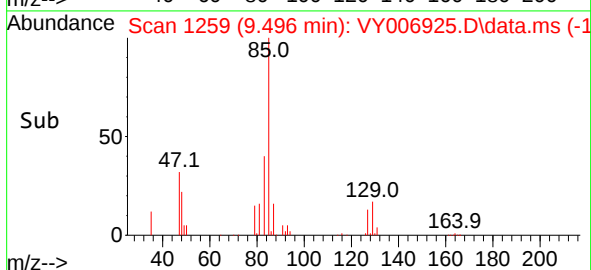
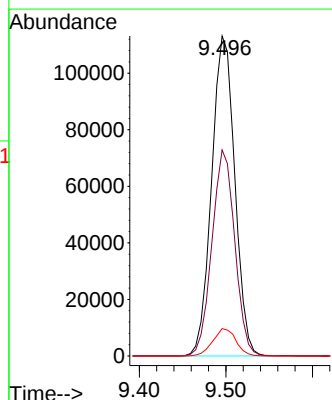
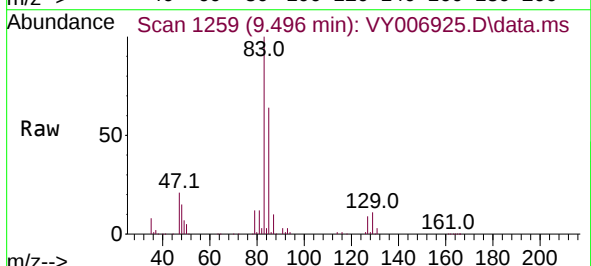
Tgt Ion: 83 Resp: 210246

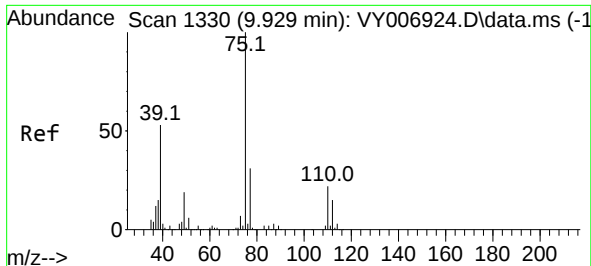
Ion Ratio Lower Upper

83 100

85 64.4 45.4 84.2

127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 56.881 ug/L

RT: 9.928 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006925.D

Acq: 03 Dec 2021 18:49

Instrument :

MSVOA_Y

ClientSampleId :

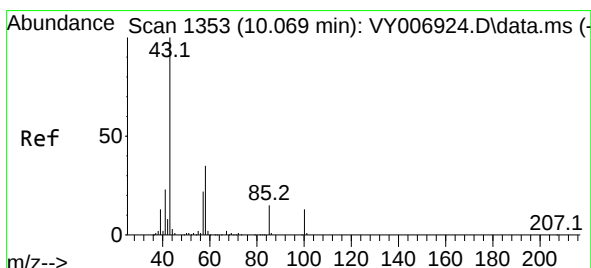
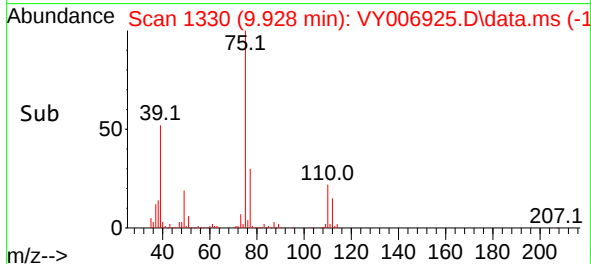
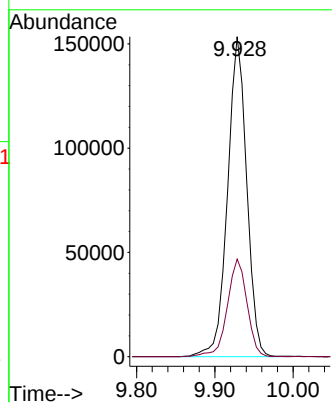
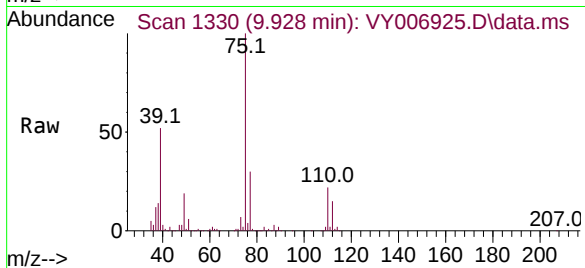
VSTD050804

Tgt Ion: 75 Resp: 260465

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 124.957 ug/L

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY006925.D

Acq: 03 Dec 2021 18:49

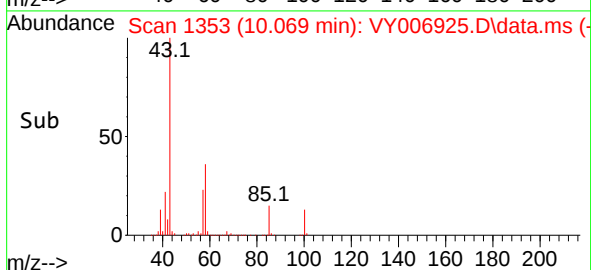
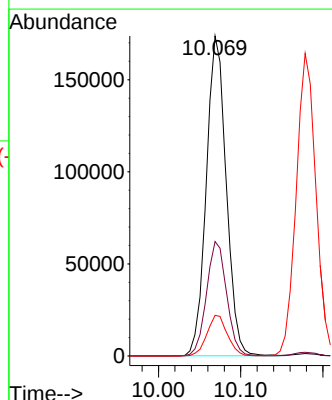
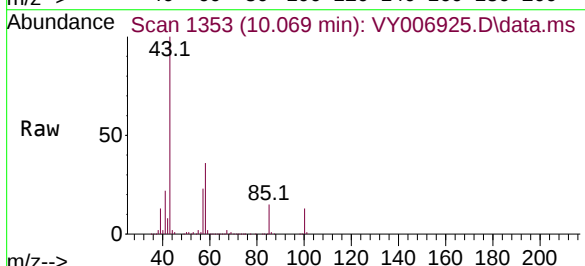
Tgt Ion: 43 Resp: 292385

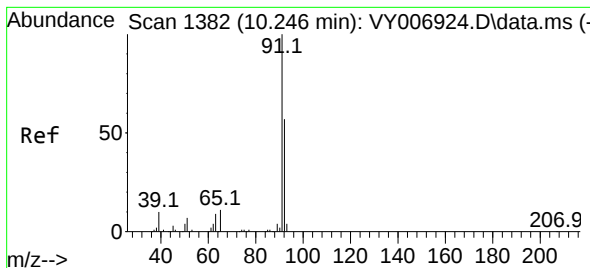
Ion Ratio Lower Upper

43 100

58 36.3 28.6 43.0

100 13.1 11.1 16.7





#42

Toluene

Concen: 52.887 ug/L

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY006925.D

Acq: 03 Dec 2021 18:49

Instrument :

MSVOA_Y

ClientSampleId :

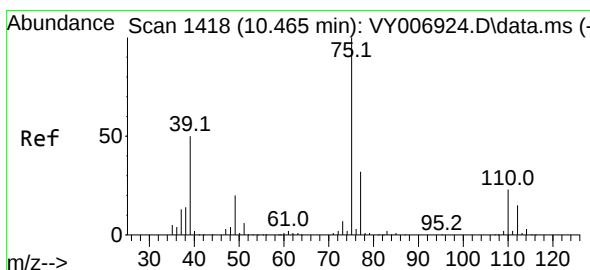
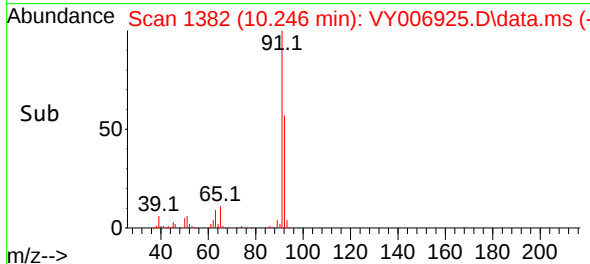
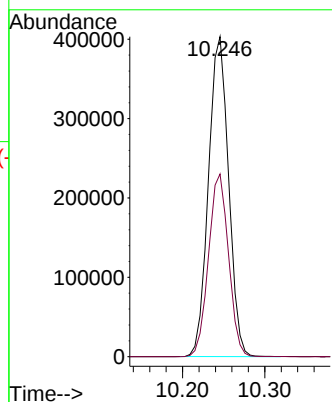
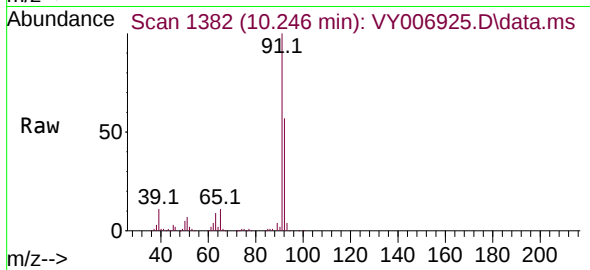
VSTD050804

Tgt Ion: 91 Resp: 684080

Ion Ratio Lower Upper

91 100

92 57.1 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 56.527 ug/L

RT: 10.465 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VY006925.D

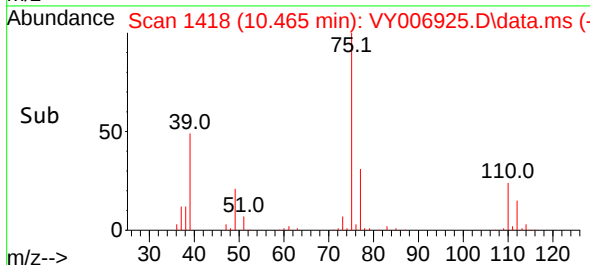
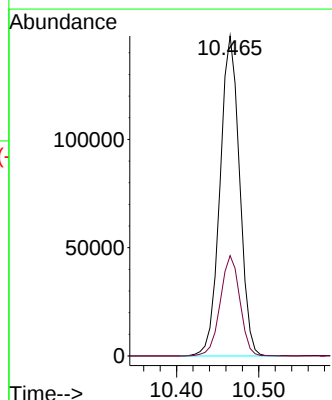
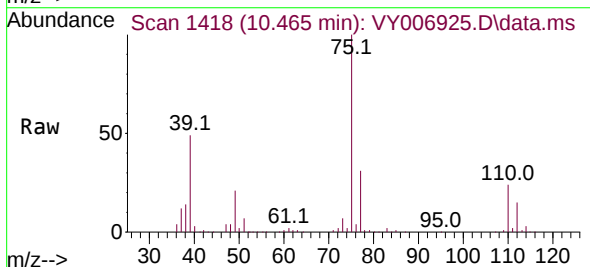
Acq: 03 Dec 2021 18:49

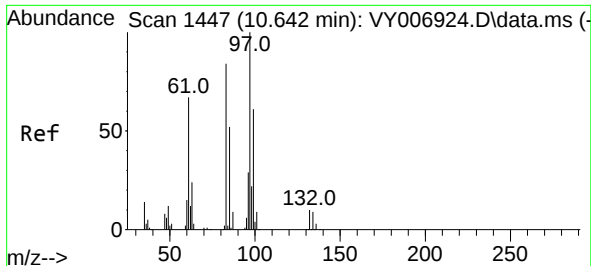
Tgt Ion: 75 Resp: 244670

Ion Ratio Lower Upper

75 100

77 31.4 22.6 42.0



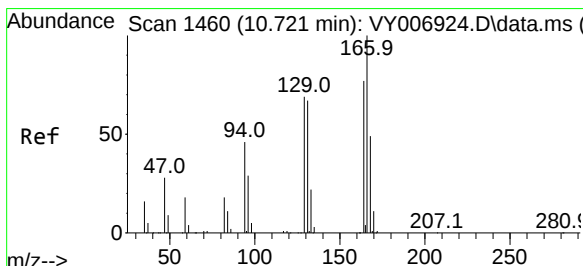
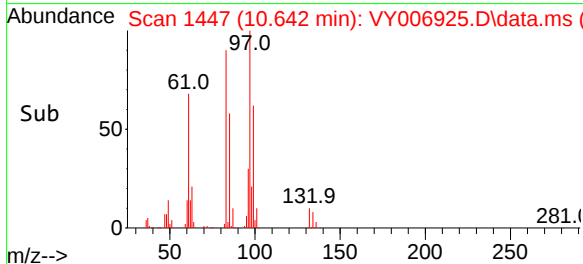
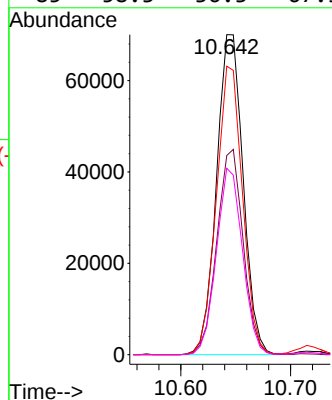
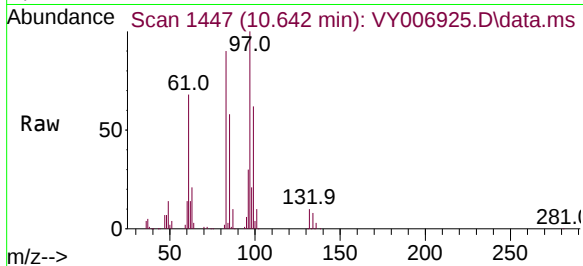


#45
1,1,2-Trichloroethane
Concen: 55.371 ug/L
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTD050804

Tgt Ion: 97 Resp: 118325

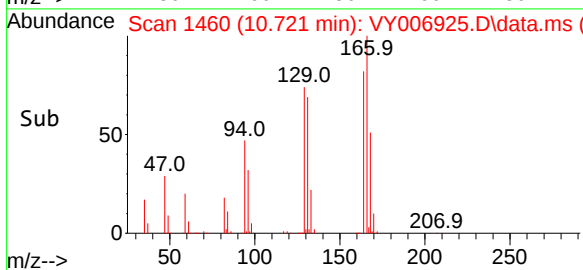
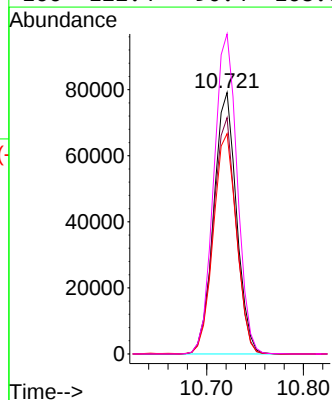
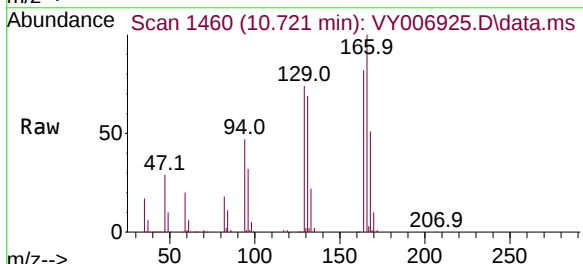
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.0	79.8
83	90.2	58.9	109.3
85	58.3	36.3	67.3

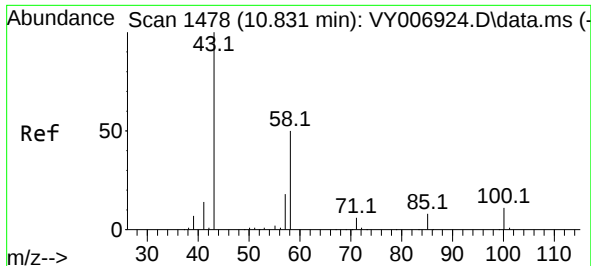


#46
Tetrachloroethene
Concen: 51.363 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion: 164 Resp: 129608

Ion	Ratio	Lower	Upper
164	100		
129	90.4	62.1	115.3
131	84.2	61.0	113.2
166	122.4	90.4	168.0



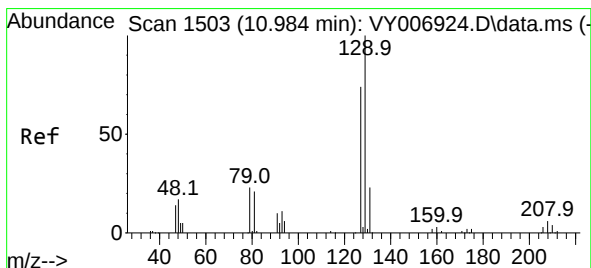
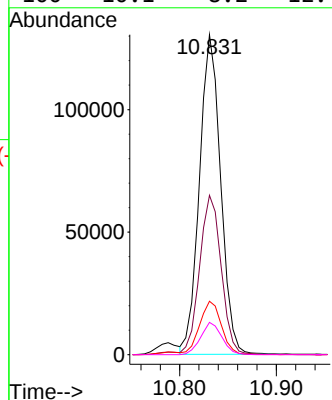
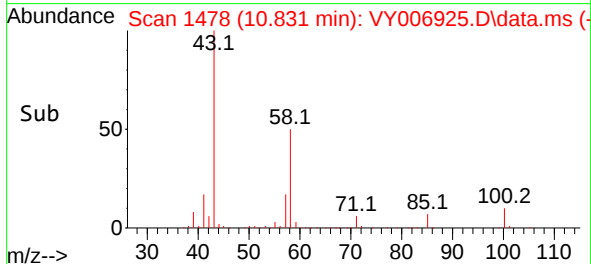
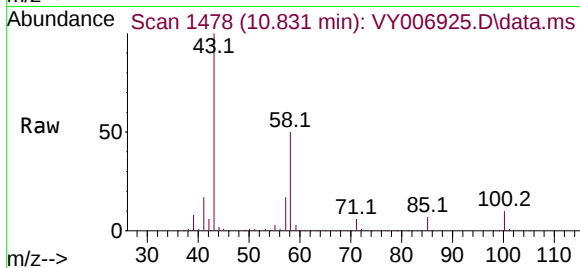


#48
2-Hexanone
Concen: 114.050 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTD050804

Tgt Ion: 43 Resp: 199201

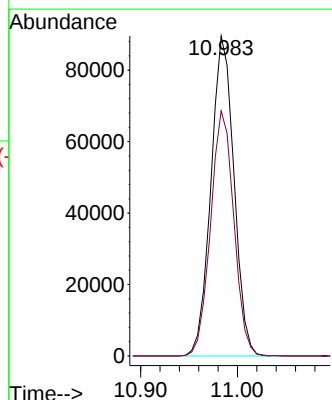
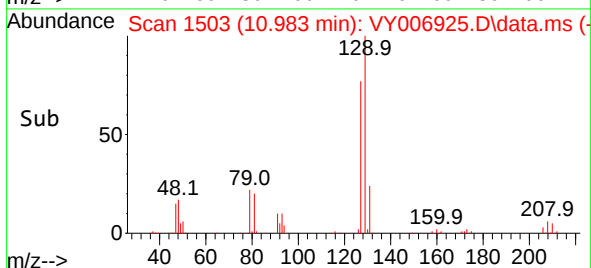
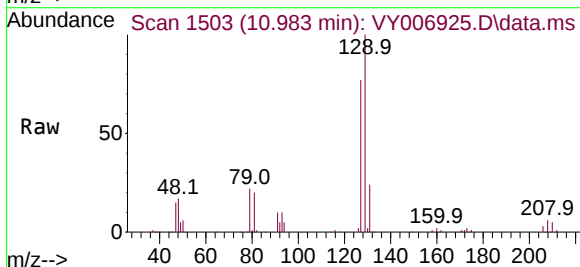
Ion	Ratio	Lower	Upper
43	100		
58	50.3	39.9	59.9
57	17.2	14.2	21.4
100	10.1	8.2	12.4

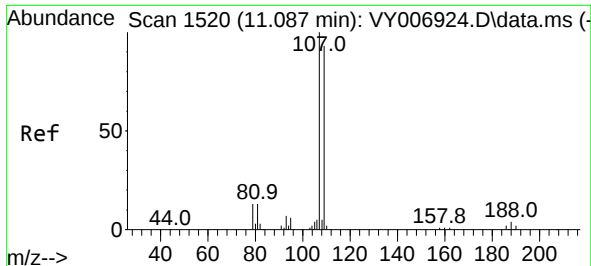


#49
Dibromochloromethane
Concen: 55.432 ug/L
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion: 129 Resp: 147858

Ion	Ratio	Lower	Upper
129	100		
127	76.6	52.1	96.9

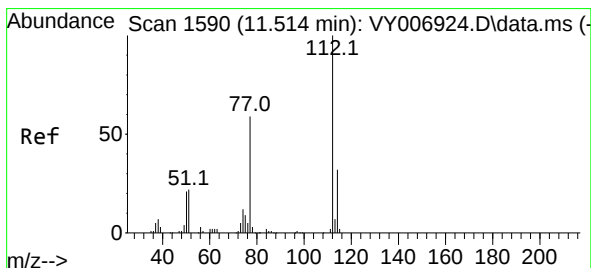
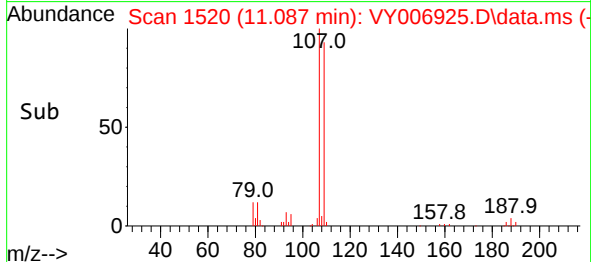
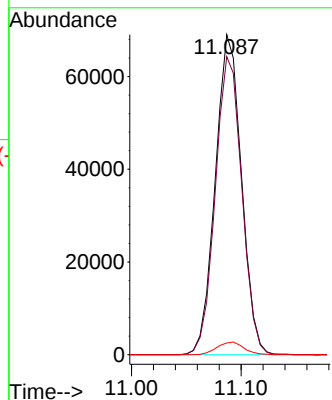
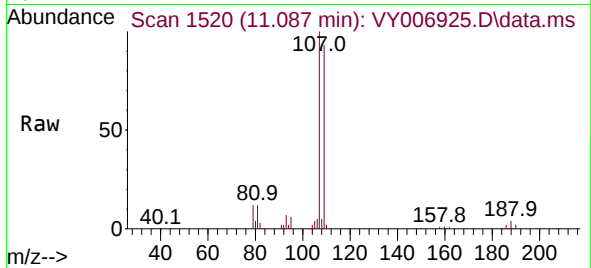




#50
1,2-Dibromoethane
Concen: 57.310 ug/L
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

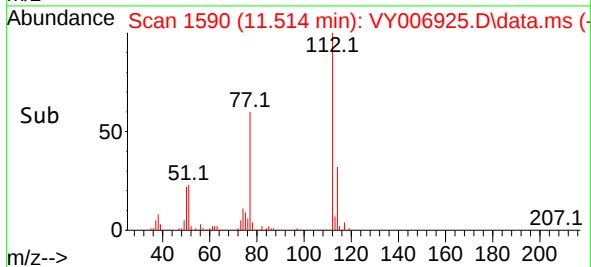
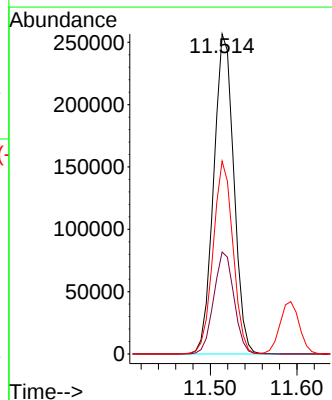
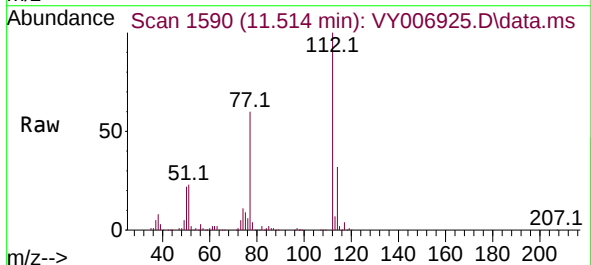
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050804

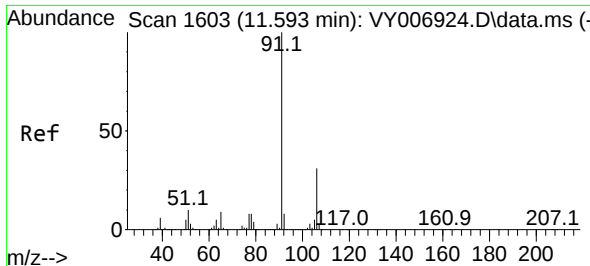
Tgt Ion:107 Resp: 114601
Ion Ratio Lower Upper
107 100
109 93.2 65.2 121.0
188 3.7 3.1 4.7



#51
Chlorobenzene
Concen: 52.624 ug/L
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion:112 Resp: 413989
Ion Ratio Lower Upper
112 100
114 31.9 22.2 41.2
77 60.3 47.6 71.4

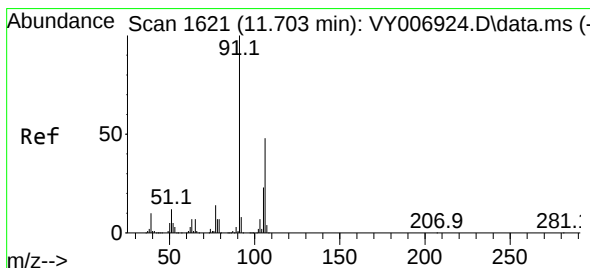
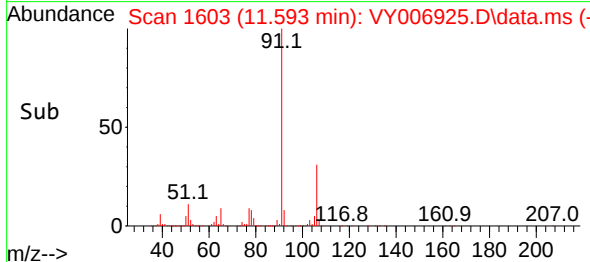
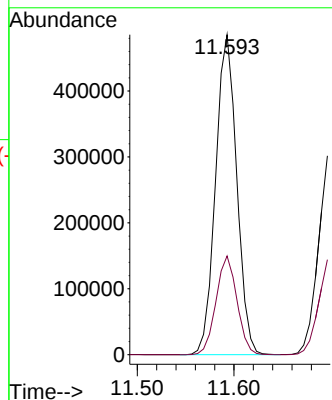
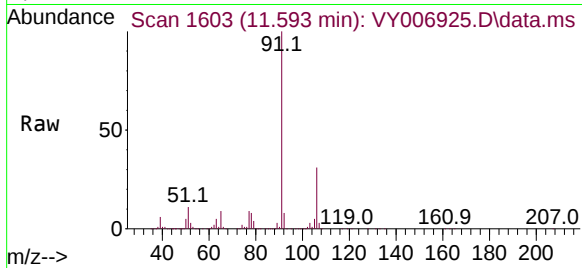




#52
Ethylbenzene
Concen: 53.223 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

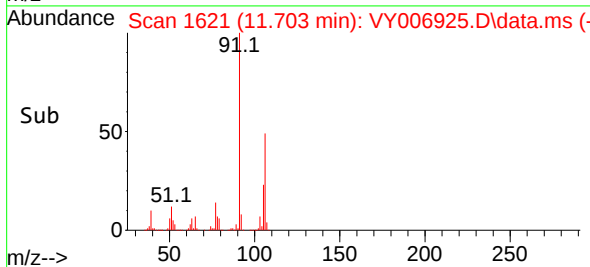
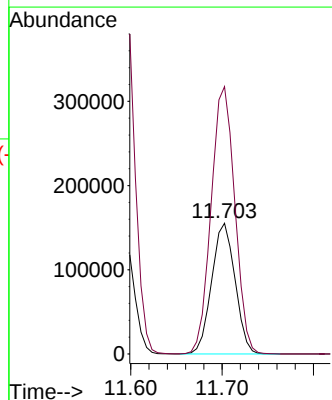
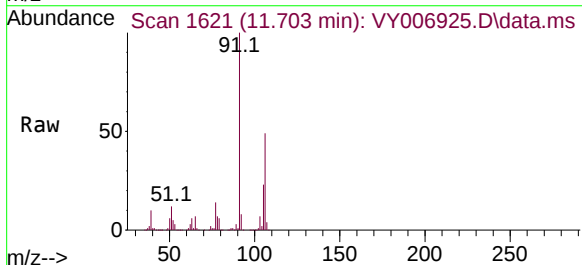
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050804

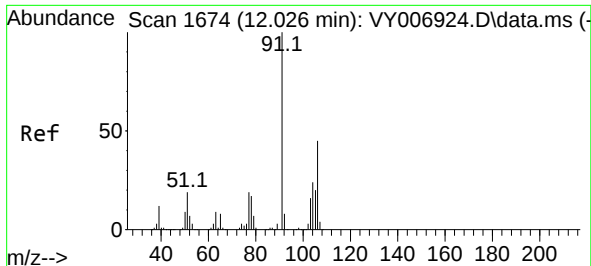
Tgt Ion: 91 Resp: 736782
Ion Ratio Lower Upper
91 100
106 30.8 21.4 39.8



#53
m,p-Xylene
Concen: 52.557 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion: 106 Resp: 276900
Ion Ratio Lower Upper
106 100
91 204.5 144.7 268.7

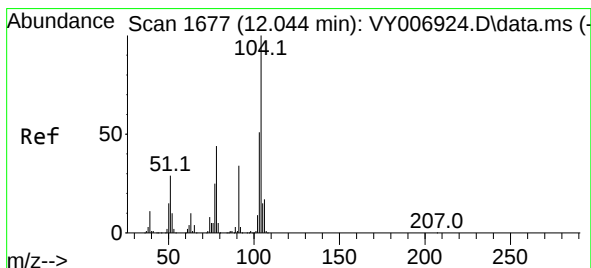
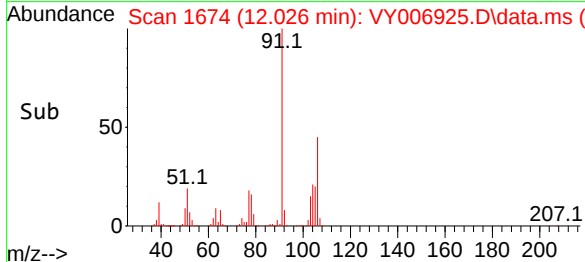
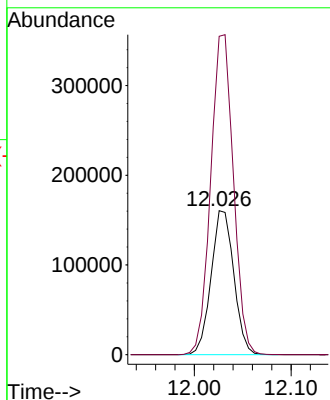
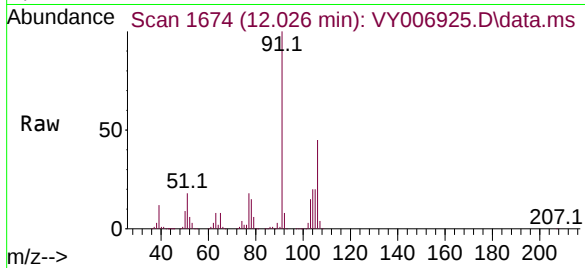




#54
o-Xylene
Concen: 51.988 ug/L
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

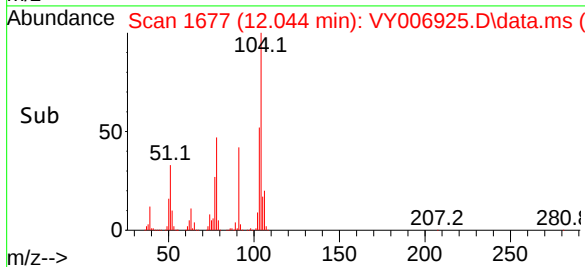
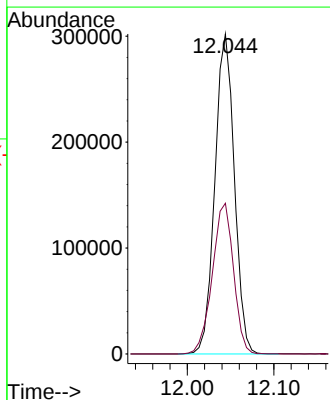
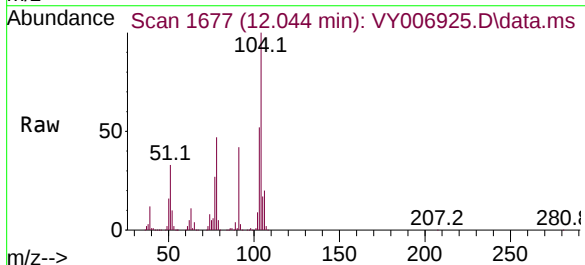
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050804

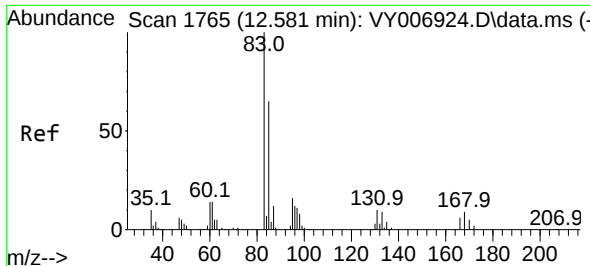
Tgt Ion:106 Resp: 262179
Ion Ratio Lower Upper
106 100
91 221.2 155.5 288.7



#55
Styrene
Concen: 53.519 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion:104 Resp: 472001
Ion Ratio Lower Upper
104 100
78 47.1 30.8 57.2

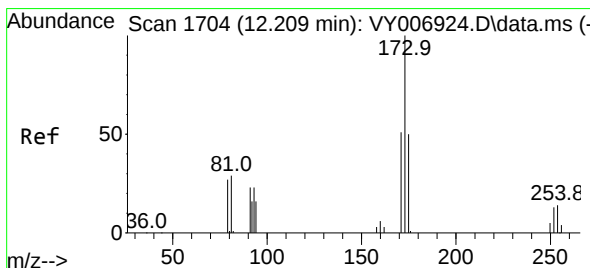
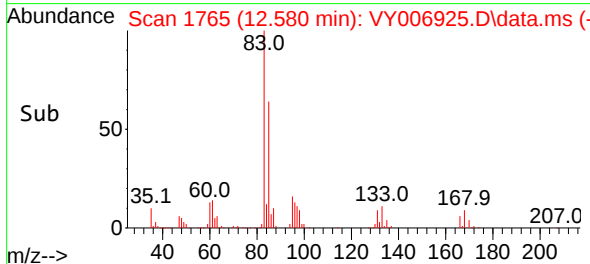
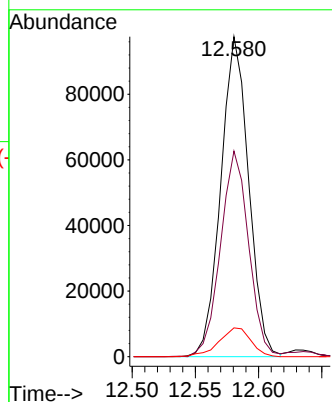
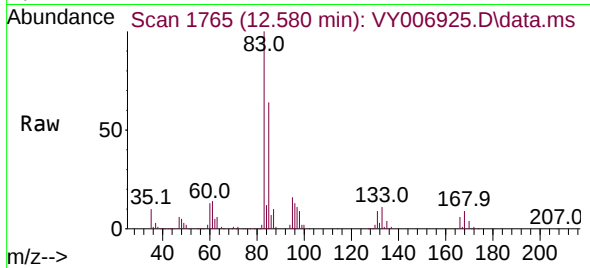




#57
1,1,2,2-Tetrachloroethane
Concen: 62.039 ug/L
RT: 12.580 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

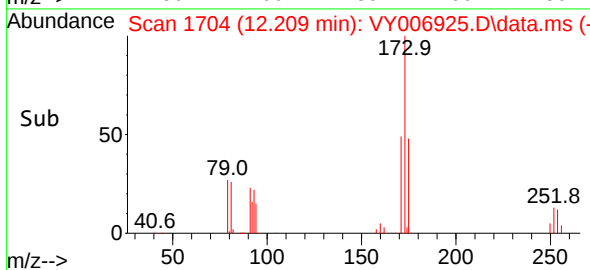
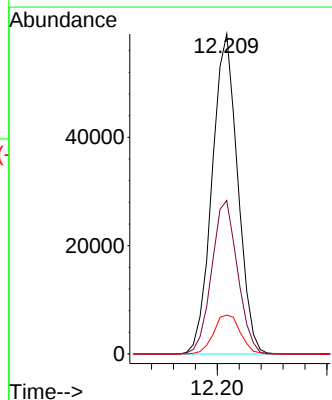
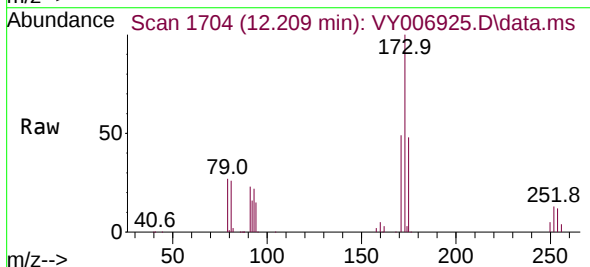
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050804

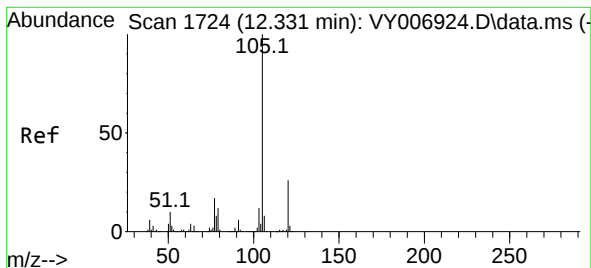
Tgt Ion: 83 Resp: 149324
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.2
131 9.0 7.8 11.8



#59
Bromoform
Concen: 59.239 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion: 173 Resp: 95821
Ion Ratio Lower Upper
173 100
175 48.4 38.6 58.0
254 12.7 10.3 15.5





#60

Isopropylbenzene

Concen: 54.469 ug/L

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY006925.D

Acq: 03 Dec 2021 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTD050804

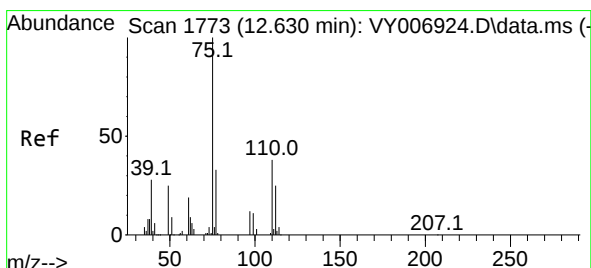
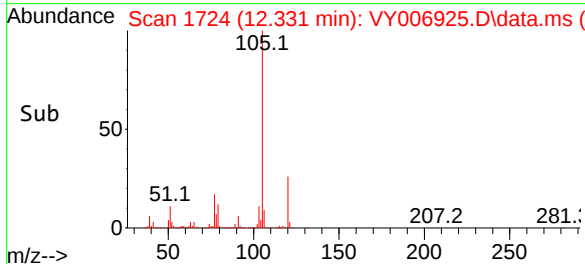
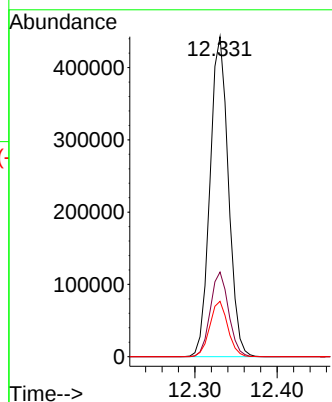
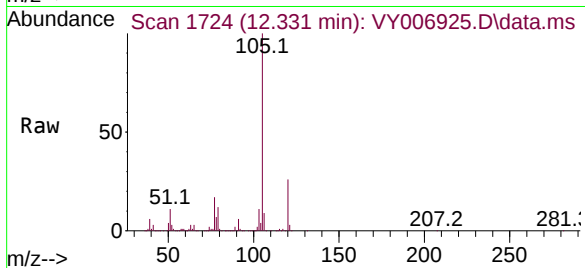
Tgt Ion:105 Resp: 687894

Ion Ratio Lower Upper

105 100

120 26.3 21.2 31.8

77 17.0 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 59.833 ug/L

RT: 12.635 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY006925.D

Acq: 03 Dec 2021 18:49

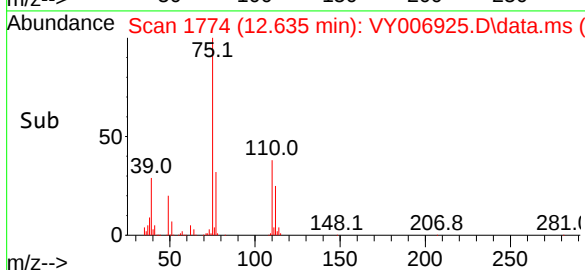
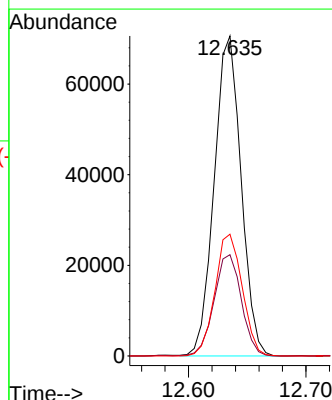
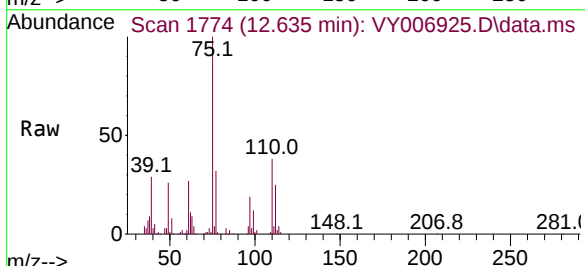
Tgt Ion: 75 Resp: 112312

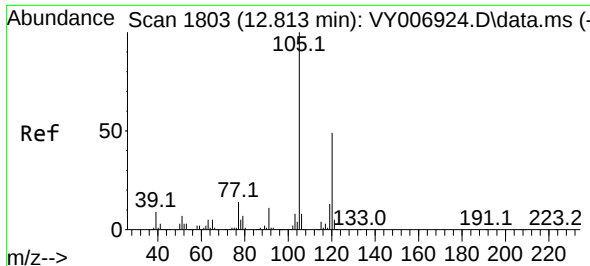
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0

110 38.5 31.7 47.5

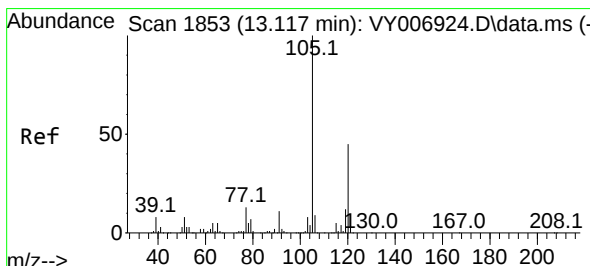
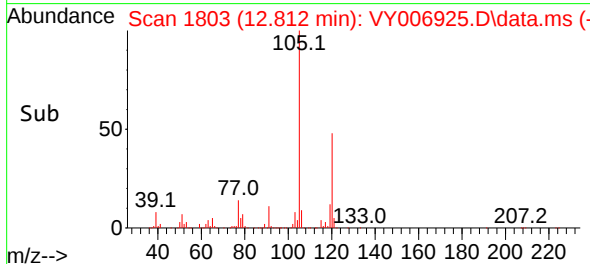
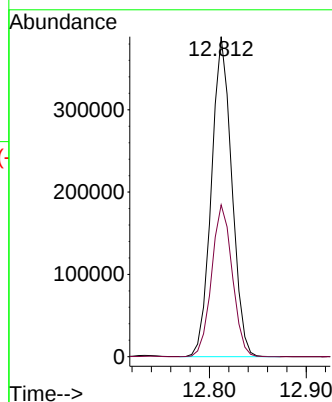
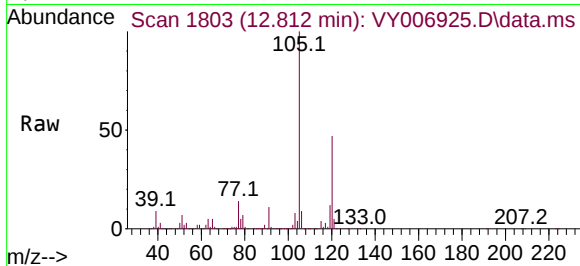




#62
1,3,5-Trimethylbenzene
Concen: 55.401 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

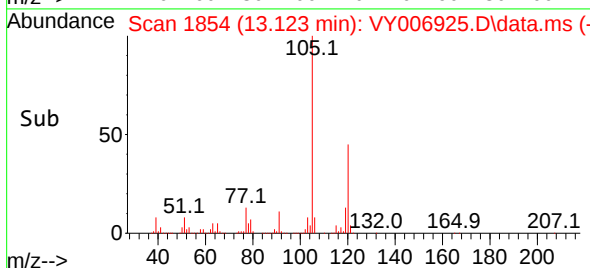
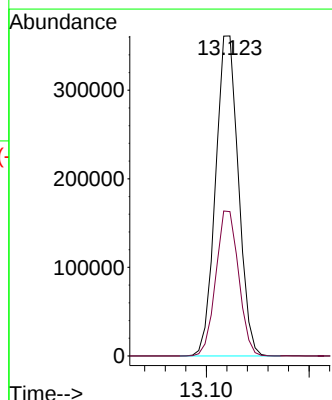
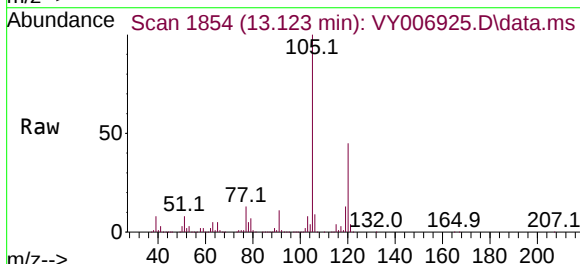
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050804

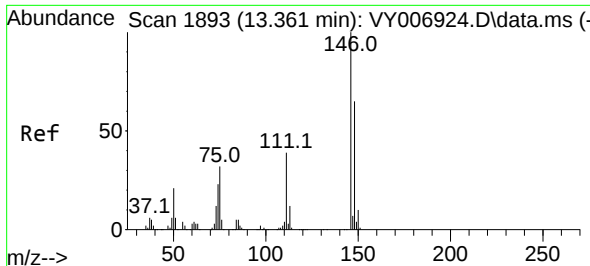
Tgt Ion:105 Resp: 568827
Ion Ratio Lower Upper
105 100
120 48.0 39.0 58.4



#63
1,2,4-Trimethylbenzene
Concen: 54.808 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion:105 Resp: 556531
Ion Ratio Lower Upper
105 100
120 45.3 36.0 54.0

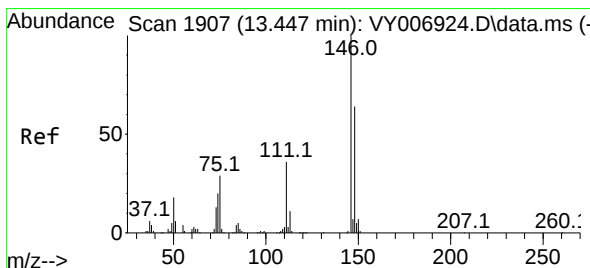
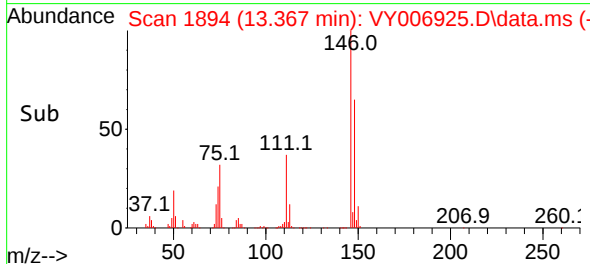
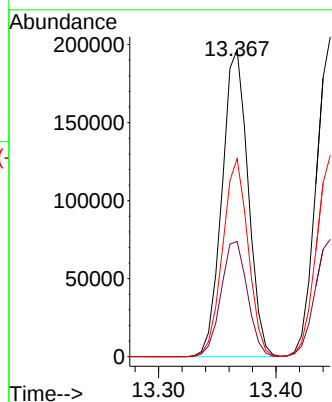
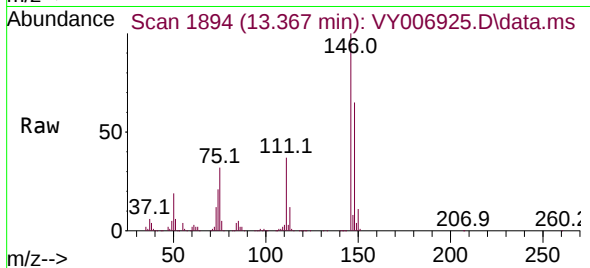




#64
1,3-Dichlorobenzene
Concen: 53.551 ug/L
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

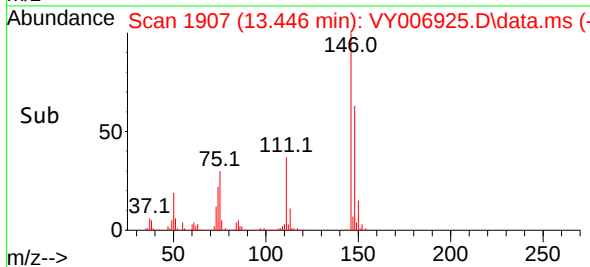
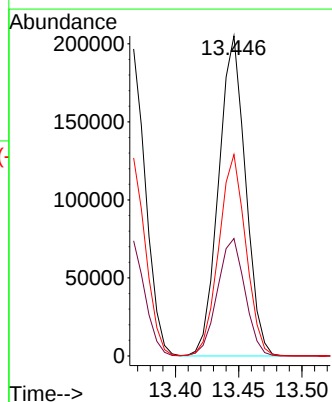
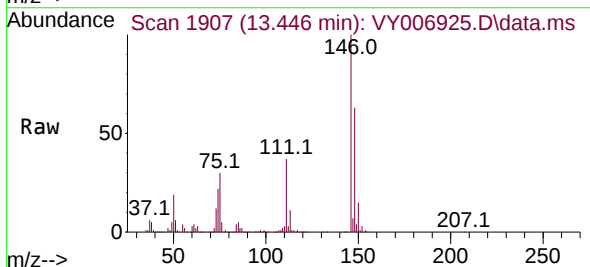
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050804

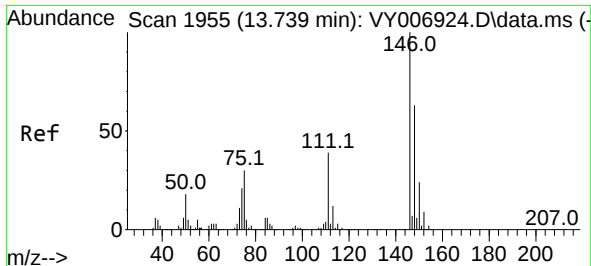
Tgt Ion:146 Resp: 303019
Ion Ratio Lower Upper
146 100
111 37.5 27.4 51.0
148 64.5 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 53.259 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion:146 Resp: 303147
Ion Ratio Lower Upper
146 100
111 36.7 25.3 46.9
148 63.0 44.9 83.5

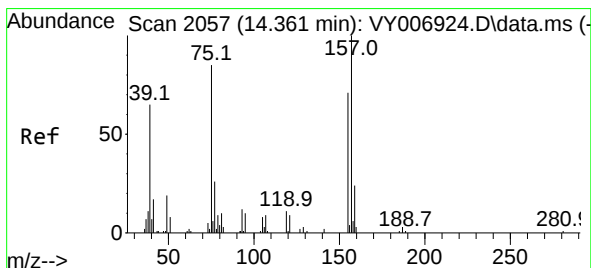
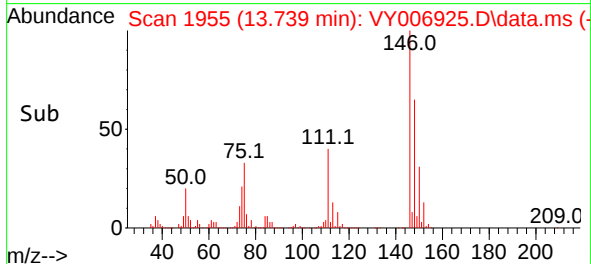
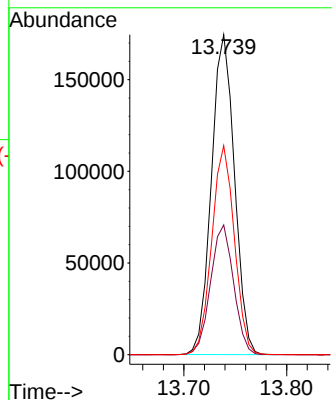
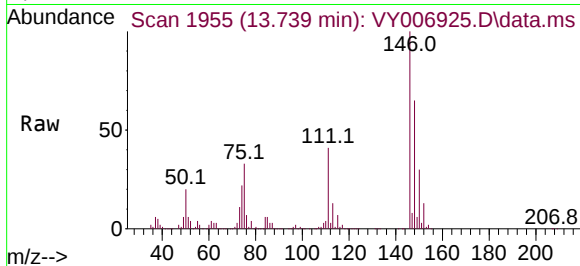




#67
1,2-Dichlorobenzene
Concen: 52.986 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

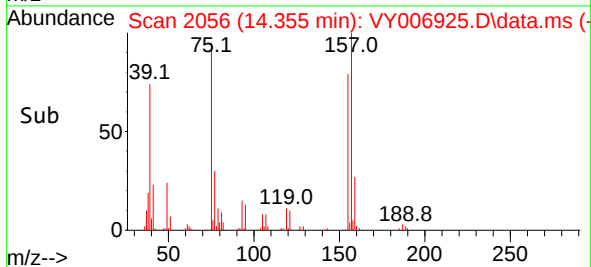
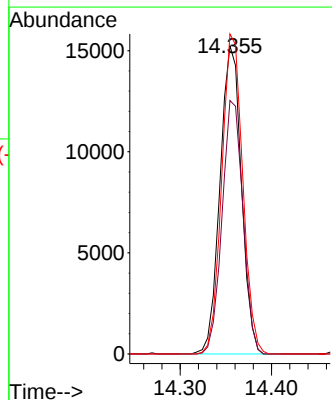
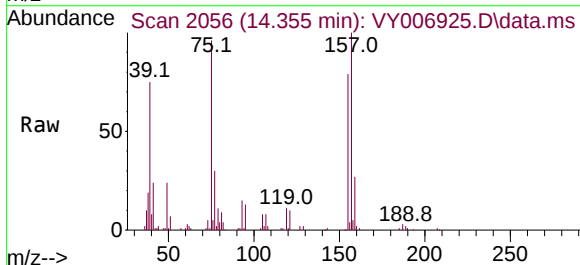
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050804

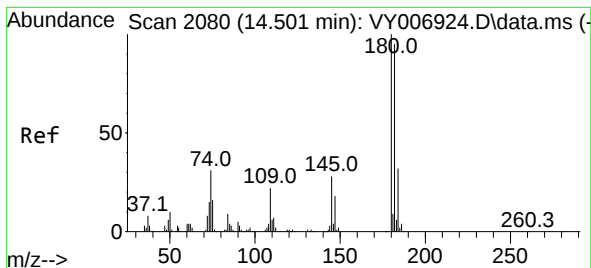
Tgt Ion:146 Resp: 271802
Ion Ratio Lower Upper
146 100
111 40.6 31.0 46.6
148 65.3 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 56.887 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion: 75 Resp: 24753
Ion Ratio Lower Upper
75 100
155 82.2 66.3 99.5
157 103.8 93.9 140.9





#69

1,3,5-Trichlorobenzene

Concen: 52.067 ug/L

RT: 14.501 min Scan# 2080

Delta R.T. -0.000 min

Lab File: VY006925.D

Acq: 03 Dec 2021 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTD050804

Tgt Ion:180 Resp: 205705

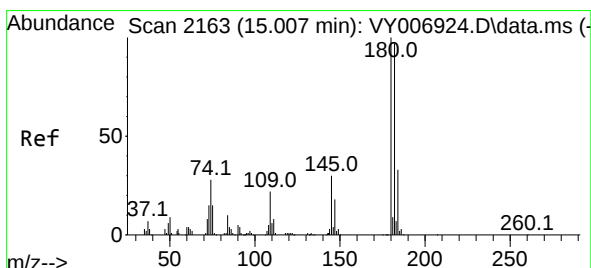
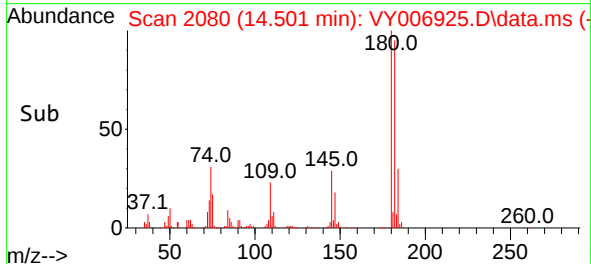
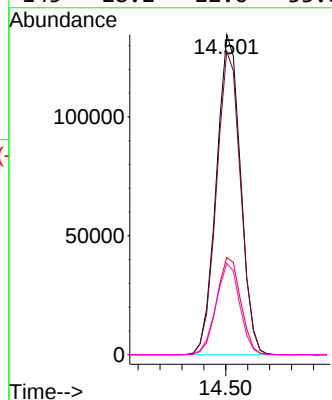
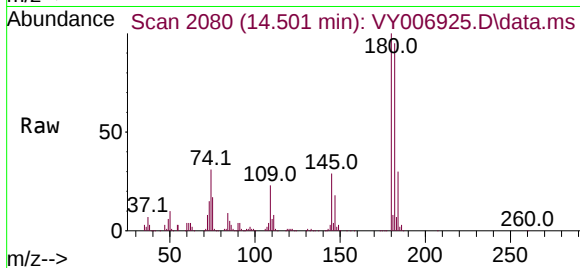
Ion Ratio Lower Upper

180 100

182 94.8 76.0 114.0

184 30.3 24.6 36.8

145 28.2 22.6 33.8



#70

1,2,4-trichlorobenzene

Concen: 52.198 ug/L

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY006925.D

Acq: 03 Dec 2021 18:49

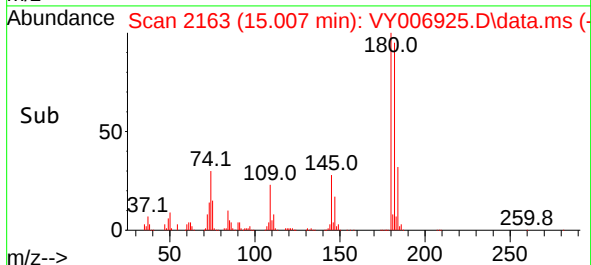
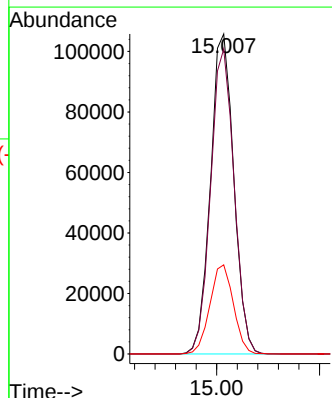
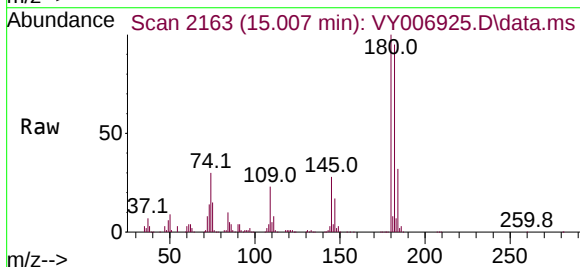
Tgt Ion:180 Resp: 166225

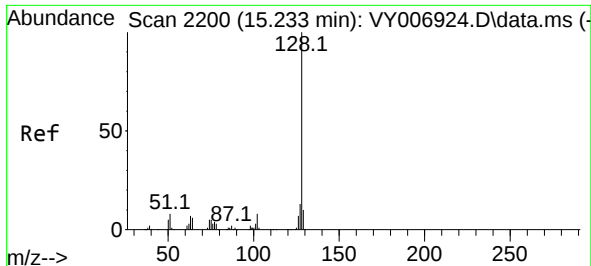
Ion Ratio Lower Upper

180 100

182 95.8 75.6 113.4

145 28.1 23.0 34.6

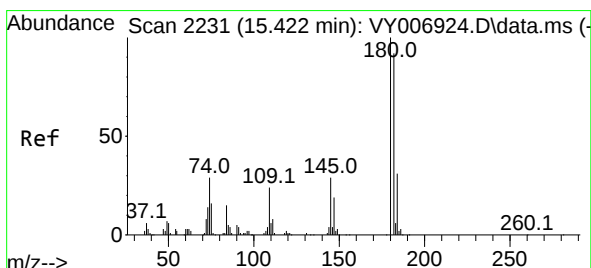
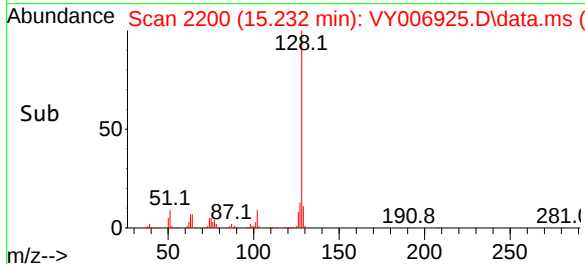
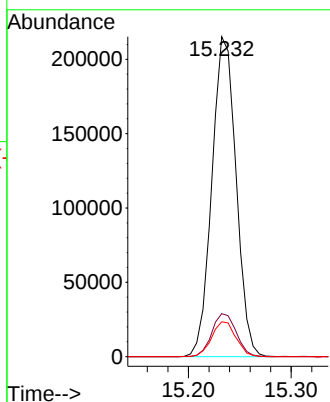
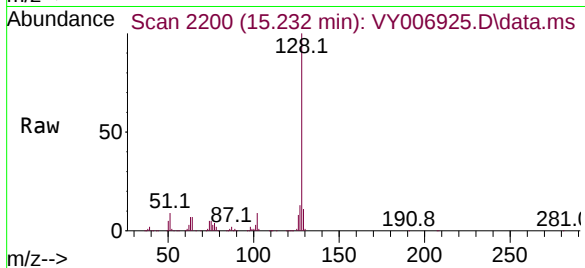




#71
Naphthalene
Concen: 56.358 ug/L
RT: 15.232 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTD050804

Tgt Ion:128 Resp: 352057
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 50.754 ug/L
RT: 15.421 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY006925.D
Acq: 03 Dec 2021 18:49

Tgt Ion:180 Resp: 139018
Ion Ratio Lower Upper
180 100
182 97.1 75.5 113.3
145 30.1 23.5 35.3

