

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120321\
 Data File : VY006926.D
 Acq On : 03 Dec 2021 19:11
 Operator : SY/MD
 Sample : VSTD10005
 Misc : 5.00g/10.0mL/MSVOA_Y/soil
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD100805

Quant Time: Dec 04 02:12:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.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	208048	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	191979	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	95571	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	275044	82.041	ug/L	0.00
7) Chloroethane-d5	2.765	69	203583	81.884	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.857	63	540806	94.606	ug/L	0.00
21) 2-Butanone-d5	6.887	46	186747	197.349	ug/L	0.00
24) Chloroform-d	7.478	84	469207	90.851	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.142	65	281373	84.311	ug/L	0.00
32) Benzene-d6	8.112	84	931965	89.592	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	279370	90.937	ug/L	0.00
41) Toluene-d8	10.179	98	882266	89.038	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.435	79	144693	91.571	ug/L	0.00
47) 2-Hexanone-d5	10.788	63	135634	199.373	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.556	84	225560	92.915	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.721	152	275167	85.045	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	141510	42.312	ug/L	95
3) Chloromethane	2.119	50	242352	69.243	ug/L	97
5) Vinyl chloride	2.259	62	369586	85.418	ug/L	99
6) Bromomethane	2.662	94	221845	109.195	ug/L	100
8) Chloroethane	2.802	64	217561	88.894	ug/L	98
9) Trichlorofluoromethane	3.131	101	277471	55.748	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	255402	92.733	ug/L	97
12) 1,1-Dichloroethene	3.875	96	273424	100.956	ug/L	91
13) Acetone	3.942	43	164374	161.491	ug/L	97
14) Carbon disulfide	4.198	76	885590	92.035	ug/L	98
15) Methyl Acetate	4.472	43	202301	116.234	ug/L	96
16) Methylene chloride	4.716	84	290606	78.980	ug/L	89
17) trans-1,2-Dichloroethene	5.222	96	291886	100.384	ug/L	97
18) Methyl tert-butyl Ether	5.222	73	516662	72.674	ug/L	99
19) 1,1-Dichloroethane	6.021	63	542934	102.022	ug/L	98
20) cis-1,2-Dichloroethene	6.990	96	315540	103.060	ug/L	100
22) 2-Butanone	6.984	43	265867	215.580	ug/L	96
23) Bromochloromethane	7.338	128	140420	100.397	ug/L	92
25) Chloroform	7.508	83	553139	96.472	ug/L	98
27) 1,2-Dichloroethane	8.240	62	398297	97.234	ug/L	99
29) Cyclohexane	7.789	56	539551	105.864	ug/L	97
30) 1,1,1-Trichloroethane	7.704	97	465910	93.446	ug/L	99
31) Carbon tetrachloride	7.905	117	444121	97.159	ug/L	99
33) Benzene	8.161	78	1270081	103.898	ug/L	100
34) Trichloroethene	8.941	95	308211	100.093	ug/L	97
35) Methylcyclohexane	9.185	83	560582	103.490	ug/L	99
37) 1,2-Dichloropropane	9.215	63	313744	106.148	ug/L	99
38) Bromodichloromethane	9.496	83	415473	103.203	ug/L	99
39) cis-1,3-Dichloropropene	9.929	75	516059	110.309	ug/L	100
40) 4-Methyl-2-pentanone	10.069	43	594002	248.477	ug/L	99
42) Toluene	10.246	91	1366628	103.416	ug/L	100
44) trans-1,3-Dichloropropene	10.465	75	487811	110.312	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120321\
 Data File : VY006926.D
 Acq On : 03 Dec 2021 19:11
 Operator : SY/MD
 Sample : VSTD10005
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD100805

Quant Time: Dec 04 02:12:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 04 02:08:44 2021
 Response via : Initial Calibration

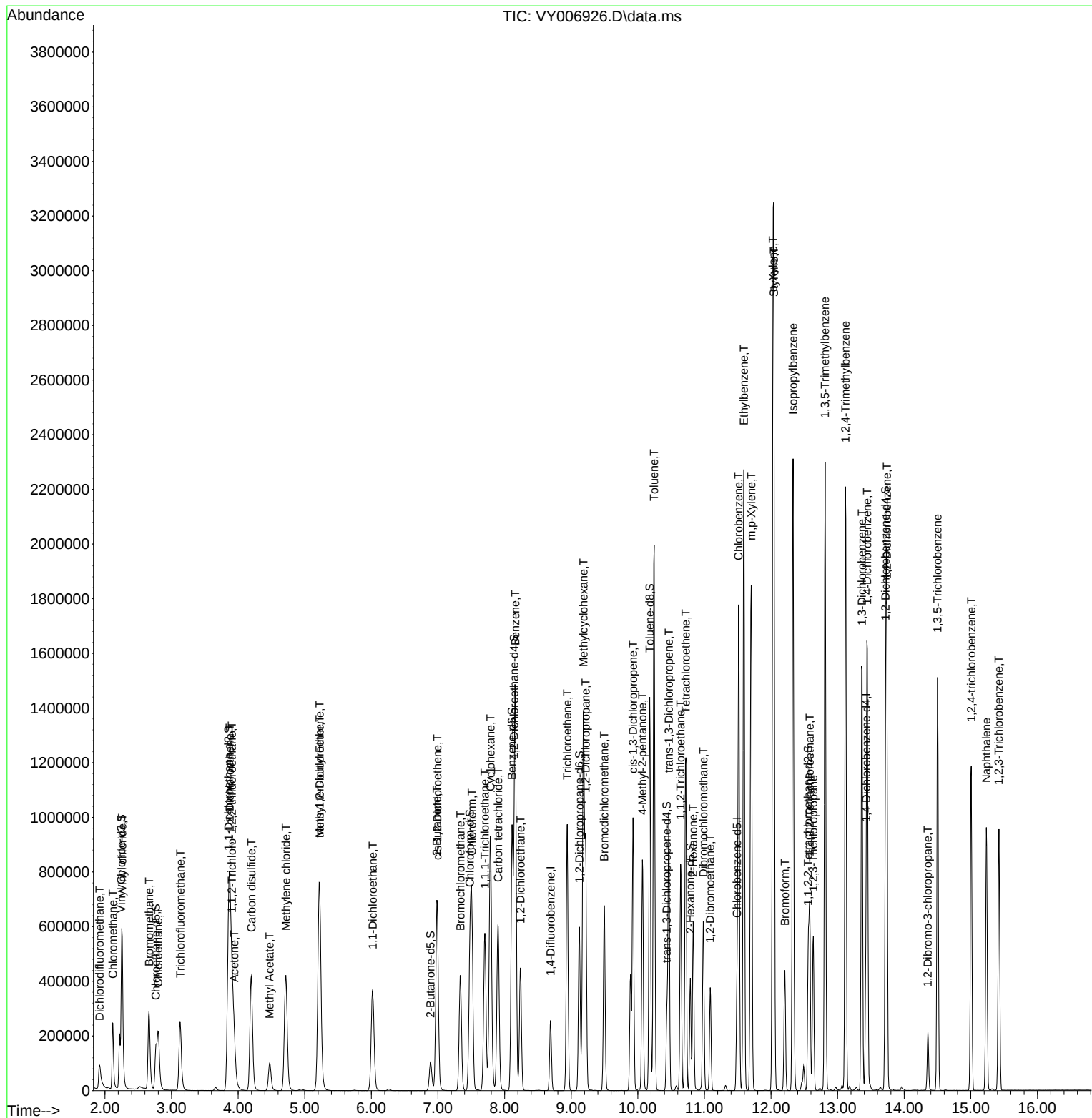
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.642	97	234556	107.435	ug/L	95
46) Tetrachloroethene	10.721	164	255582	99.139	ug/L	98
48) 2-Hexanone	10.831	43	402469	225.543	ug/L	99
49) Dibromochloromethane	10.983	129	285776	104.866	ug/L	94
50) 1,2-Dibromoethane	11.087	107	225467	110.361	ug/L	100
51) Chlorobenzene	11.514	112	816624	101.604	ug/L	99
52) Ethylbenzene	11.593	91	1473967	104.218	ug/L	99
53) m,p-Xylene	11.703	106	556228	103.336	ug/L	99
54) o-Xylene	12.032	106	536025	104.036	ug/L	97
55) Styrene	12.044	104	951272	105.576	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.581	83	285843	116.241	ug/L	99
59) Bromoform	12.209	173	186492	108.243	ug/L	99
60) Isopropylbenzene	12.331	105	1392869	103.547	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	215776	107.922	ug/L	99
62) 1,3,5-Trimethylbenzene	12.812	105	1139139	104.163	ug/L	100
63) 1,2,4-Trimethylbenzene	13.117	105	1129358	104.421	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	605965	100.540	ug/L	98
65) 1,4-Dichlorobenzene	13.446	146	605748	99.914	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	548384	100.367	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.355	75	49549	106.910	ug/L	89
69) 1,3,5-Trichlorobenzene	14.501	180	430572	102.320	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	352242	103.847	ug/L	99
71) Naphthalene	15.233	128	745301	112.015	ug/L	100
72) 1,2,3-Trichlorobenzene	15.422	180	303174	103.918	ug/L	99

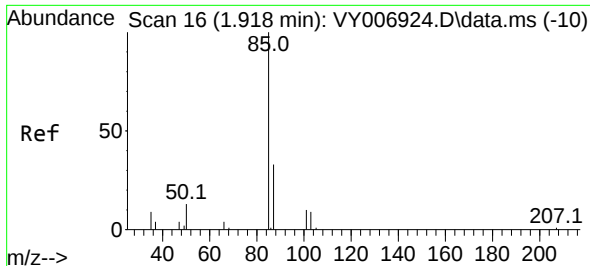
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120321\
 Data File : VY006926.D
 Acq On : 03 Dec 2021 19:11
 Operator : SY/MD
 Sample : VSTD10005
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD100805

Quant Time: Dec 04 02:12:53 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

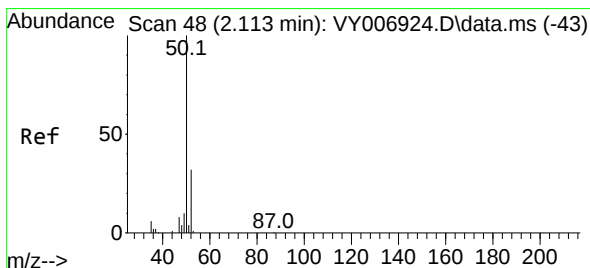
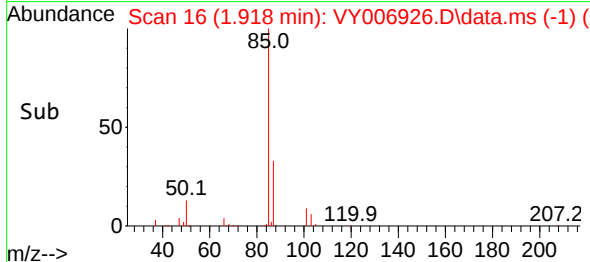
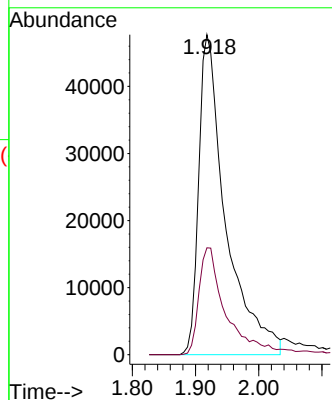
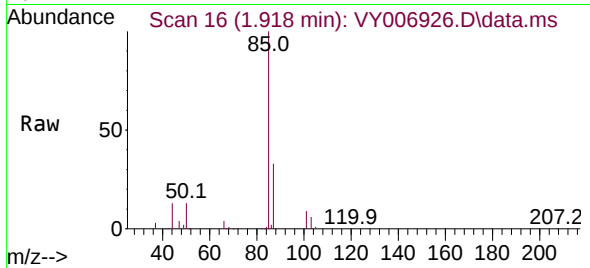




#2
Dichlorodifluoromethane
Concen: 42.312 ug/L
RT: 1.918 min Scan# 16
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

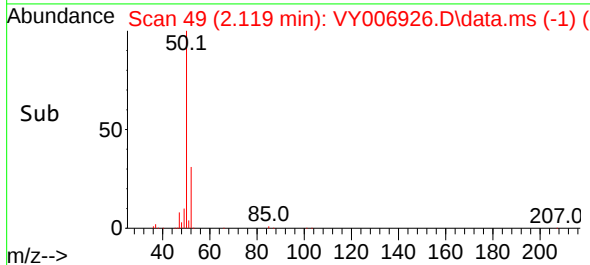
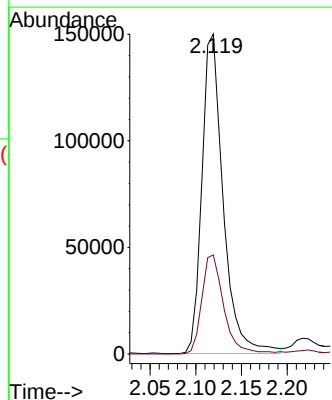
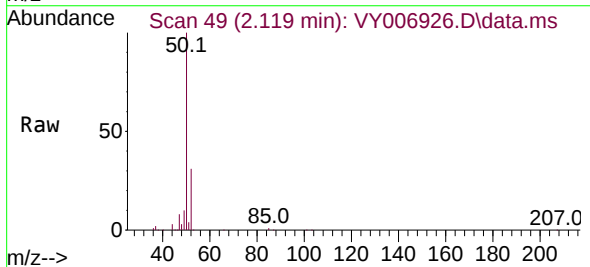
Instrument :
MSVOA_Y
ClientSampleId :
VSTD100805

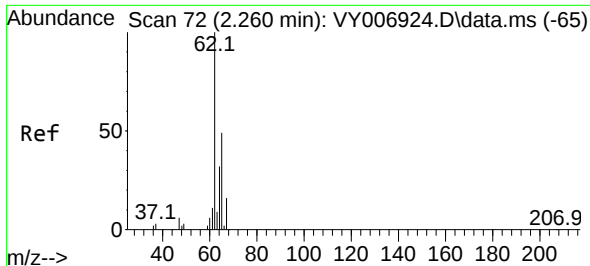
Tgt Ion: 85 Resp: 141510
Ion Ratio Lower Upper
85 100
87 30.2 26.3 39.5



#3
Chloromethane
Concen: 69.243 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

Tgt Ion: 50 Resp: 242352
Ion Ratio Lower Upper
50 100
52 30.9 22.7 42.1

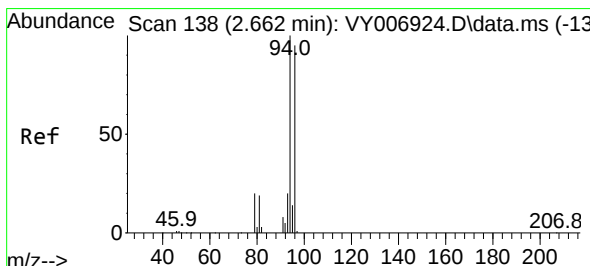
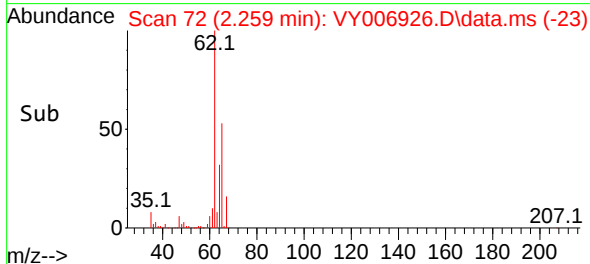
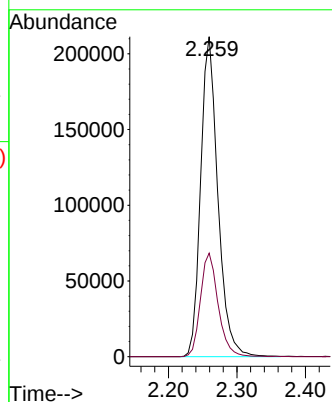
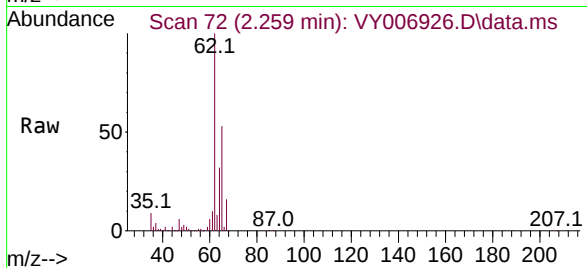




#5
 Vinyl chloride
 Concen: 85.418 ug/L
 RT: 2.259 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VY006926.D
 Acq: 03 Dec 2021 19:11

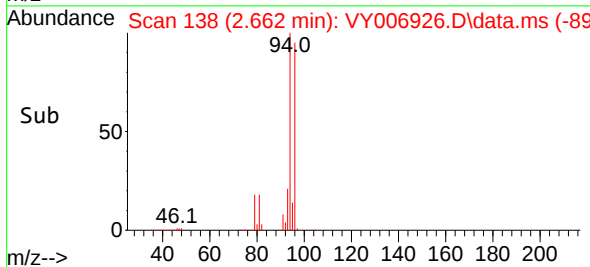
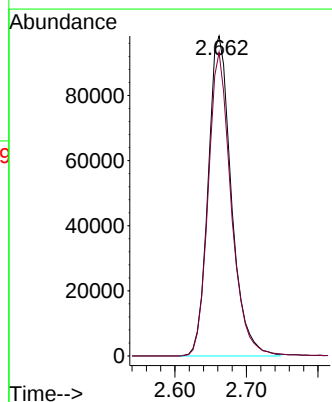
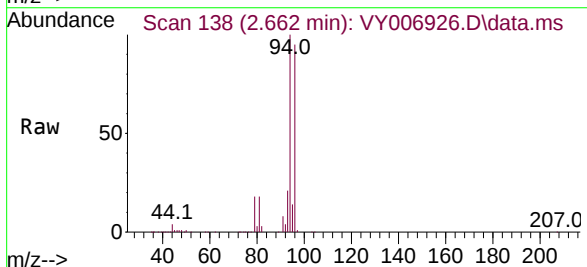
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD100805

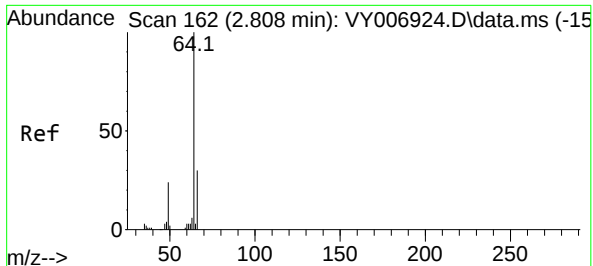
Tgt Ion: 62 Resp: 369586
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.4 41.6



#6
 Bromomethane
 Concen: 109.195 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VY006926.D
 Acq: 03 Dec 2021 19:11

Tgt Ion: 94 Resp: 221845
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.5 123.5

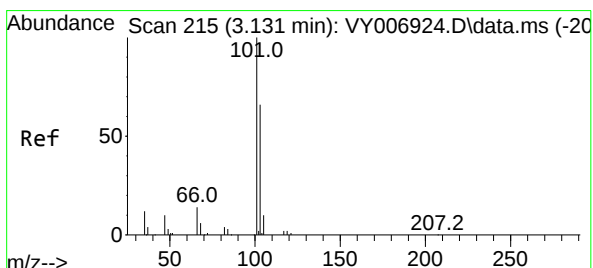
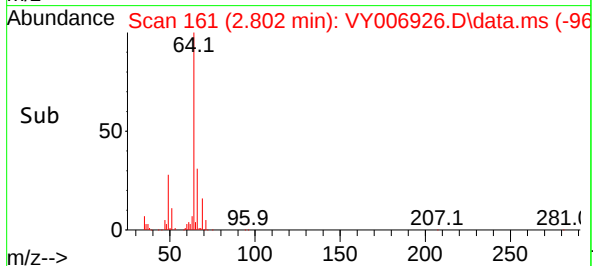
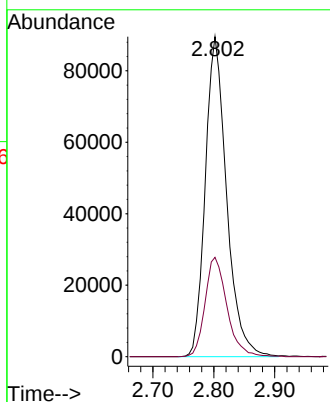
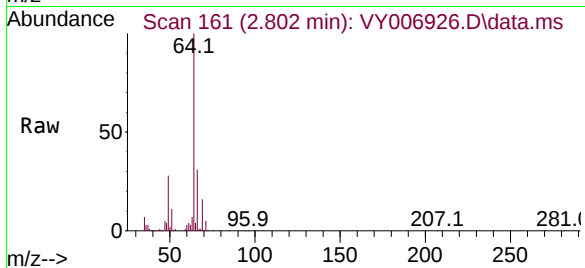




#8
Chloroethane
Concen: 88.894 ug/L
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

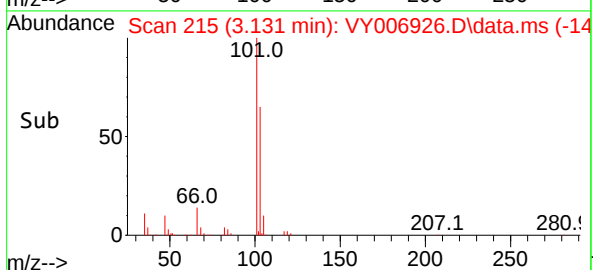
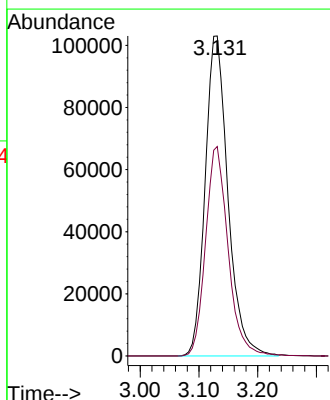
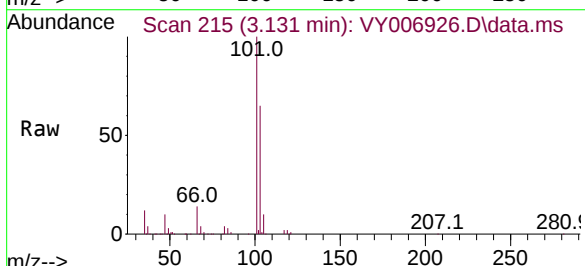
Instrument :
MSVOA_Y
ClientSampleId :
VSTD100805

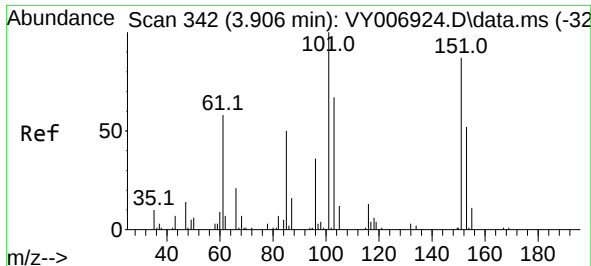
Tgt Ion: 64 Resp: 217561
Ion Ratio Lower Upper
64 100
66 31.1 21.1 39.3



#9
Trichlorofluoromethane
Concen: 55.748 ug/L
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

Tgt Ion:101 Resp: 277471
Ion Ratio Lower Upper
101 100
103 64.6 51.3 76.9

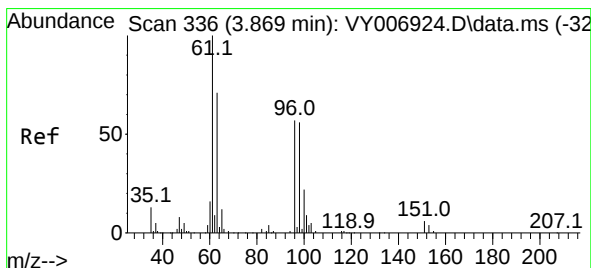
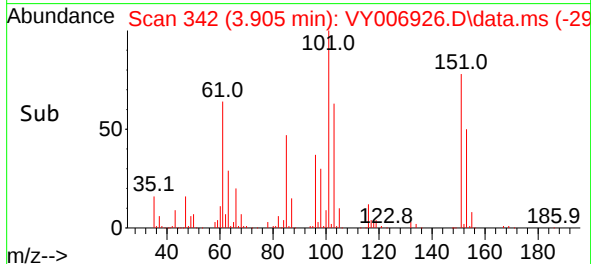
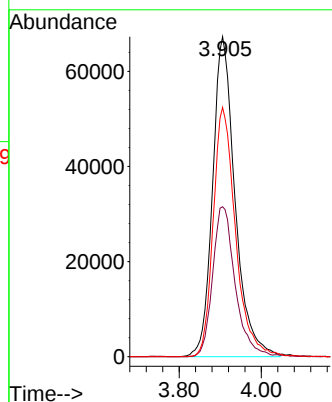
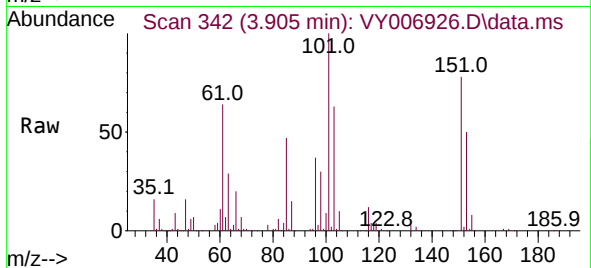




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 92.733 ug/L
 RT: 3.905 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VY006926.D
 Acq: 03 Dec 2021 19:11

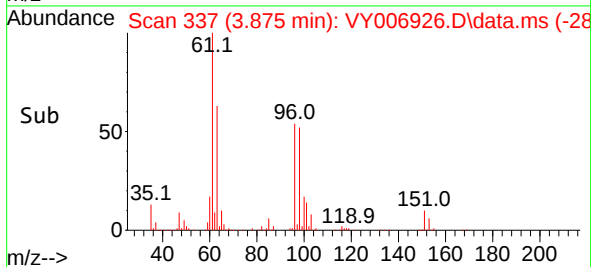
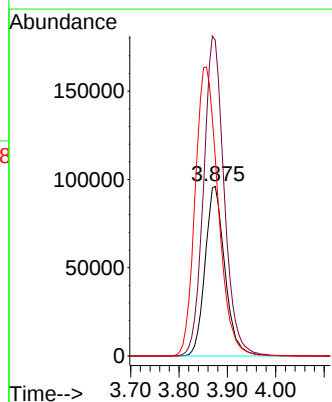
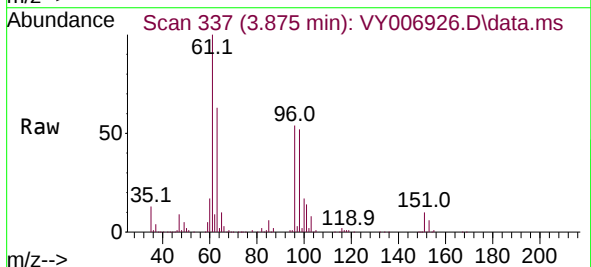
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD100805

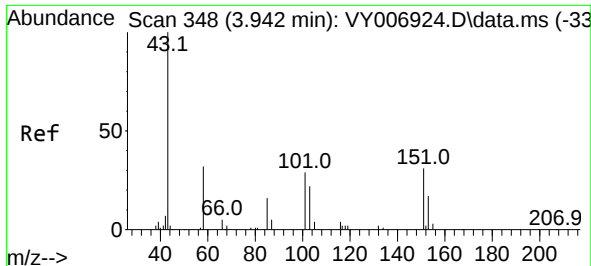
Tgt Ion:101 Resp: 255402
 Ion Ratio Lower Upper
 101 100
 85 46.9 38.2 57.2
 151 76.9 64.2 96.4



#12
 1,1-Dichloroethene
 Concen: 100.956 ug/L
 RT: 3.875 min Scan# 337
 Delta R.T. 0.006 min
 Lab File: VY006926.D
 Acq: 03 Dec 2021 19:11

Tgt Ion: 96 Resp: 273424
 Ion Ratio Lower Upper
 96 100
 61 186.1 123.3 229.1
 63 117.1 91.2 169.4





#13

Acetone

Concen: 161.491 ug/L

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY006926.D

Acq: 03 Dec 2021 19:11

Instrument :

MSVOA_Y

ClientSampleId :

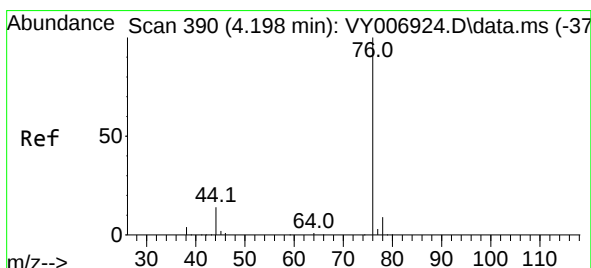
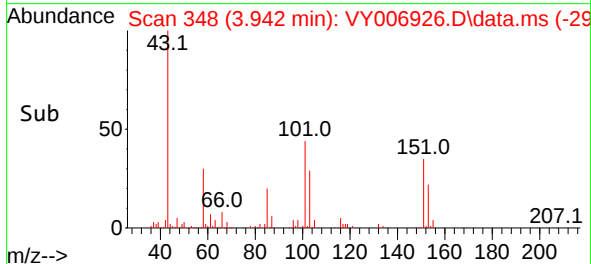
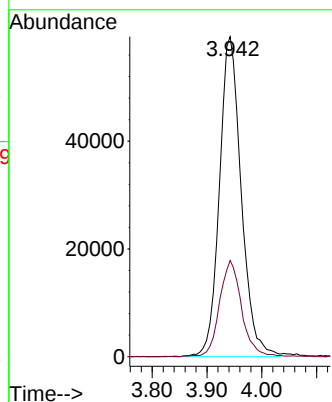
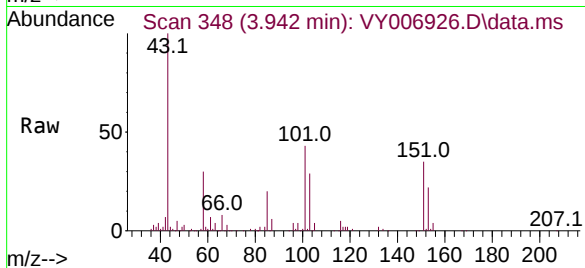
VSTD100805

Tgt Ion: 43 Resp: 164374

Ion Ratio Lower Upper

43 100

58 28.9 0.0 60.8



#14

Carbon disulfide

Concen: 92.035 ug/L

RT: 4.198 min Scan# 390

Delta R.T. -0.000 min

Lab File: VY006926.D

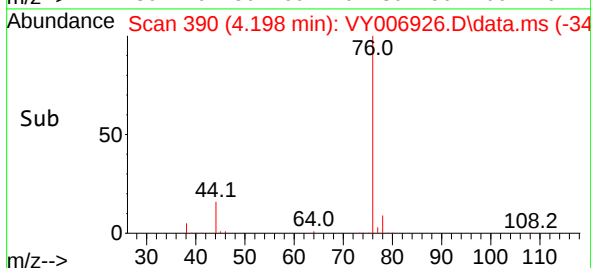
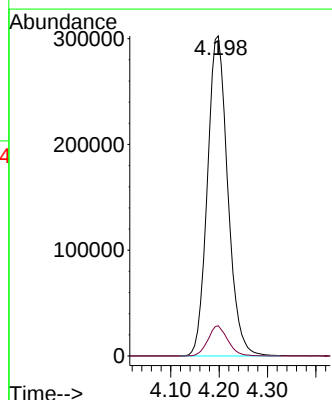
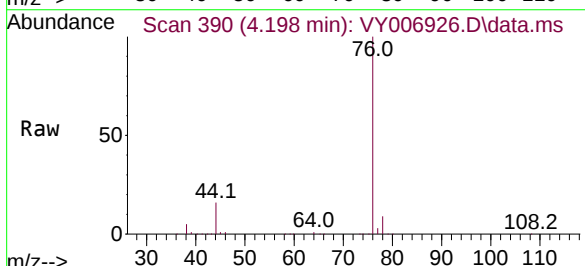
Acq: 03 Dec 2021 19:11

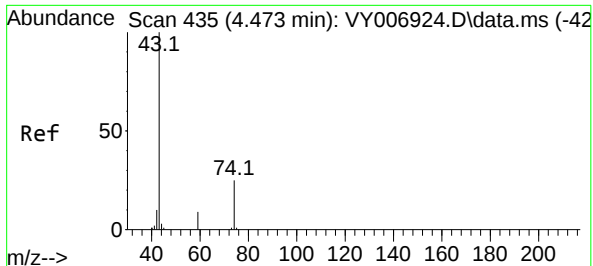
Tgt Ion: 76 Resp: 885590

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.4

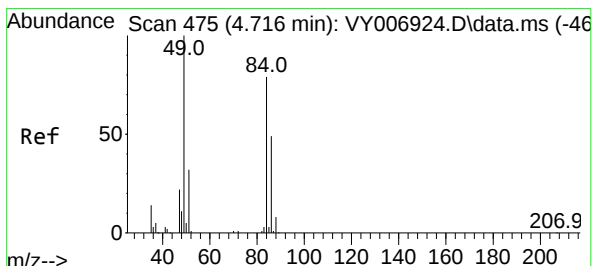
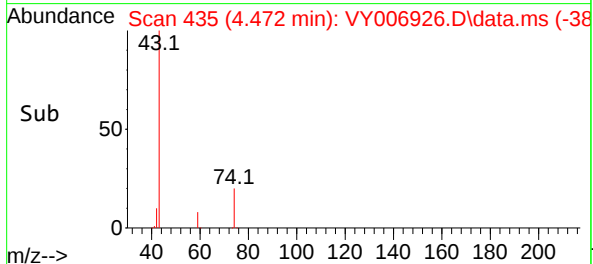
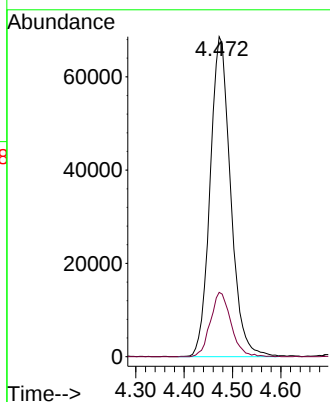
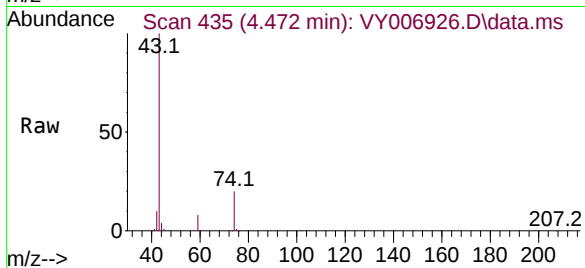




#15
Methyl Acetate
Concen: 116.234 ug/L
RT: 4.472 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

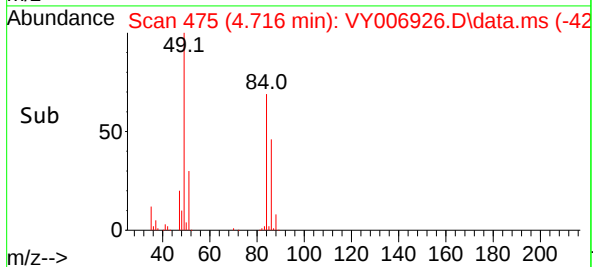
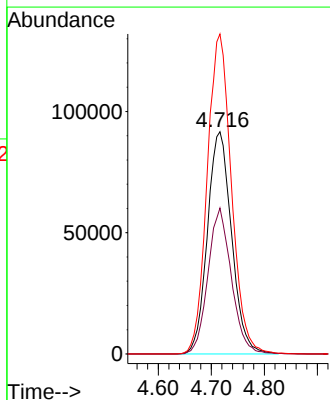
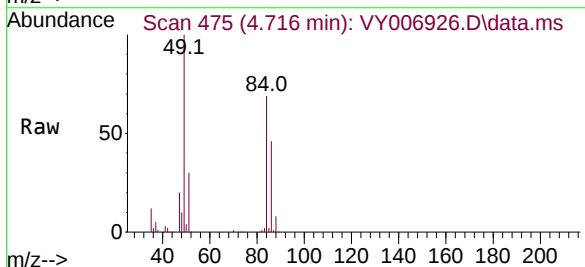
Instrument :
MSVOA_Y
ClientSampleId :
VSTD100805

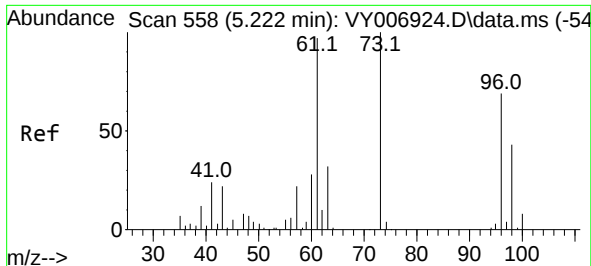
Tgt Ion: 43 Resp: 202301
Ion Ratio Lower Upper
43 100
74 20.1 17.4 26.2



#16
Methylene chloride
Concen: 78.980 ug/L
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

Tgt Ion: 84 Resp: 290606
Ion Ratio Lower Upper
84 100
86 65.6 43.4 80.6
49 143.9 89.1 165.5





#17

trans-1,2-Dichloroethene

Concen: 100.384 ug/L

RT: 5.222 min Scan# 558

Delta R.T. -0.000 min

Lab File: VY006926.D

Acq: 03 Dec 2021 19:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTD100805

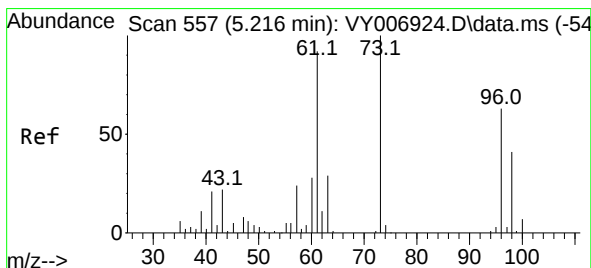
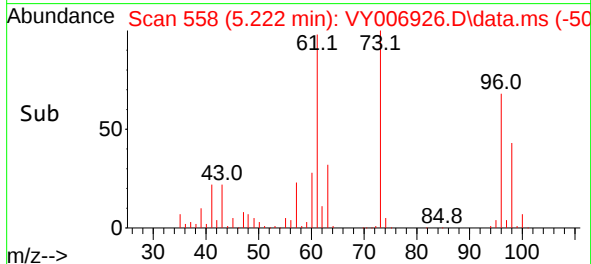
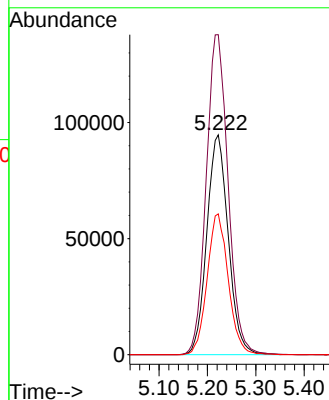
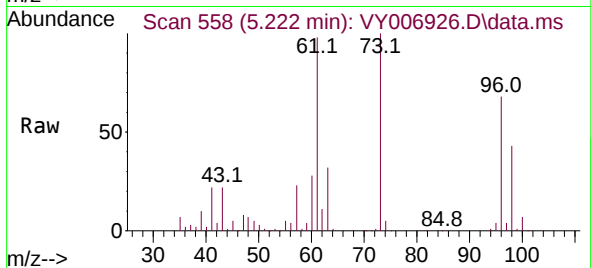
Tgt Ion: 96 Resp: 291886

Ion Ratio Lower Upper

96 100

61 145.5 98.5 182.9

98 64.1 43.7 81.1



#18

Methyl tert-butyl Ether

Concen: 72.674 ug/L

RT: 5.222 min Scan# 558

Delta R.T. 0.006 min

Lab File: VY006926.D

Acq: 03 Dec 2021 19:11

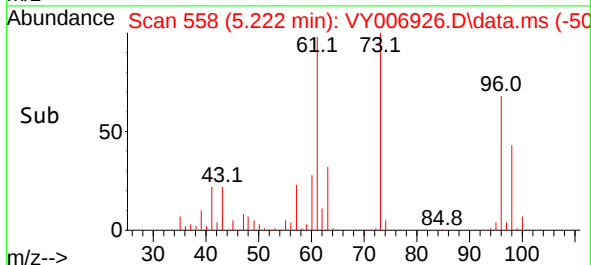
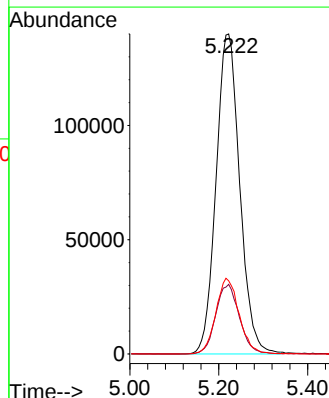
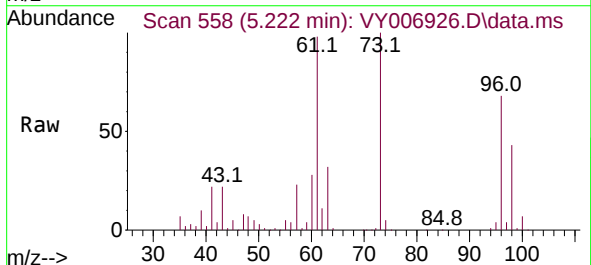
Tgt Ion: 73 Resp: 516662

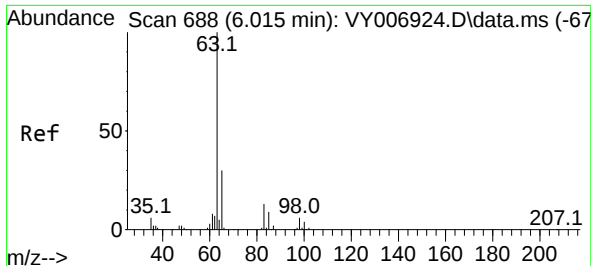
Ion Ratio Lower Upper

73 100

43 21.6 16.9 25.3

57 23.1 18.1 27.1





#19

1,1-Dichloroethane

Concen: 102.022 ug/L

RT: 6.021 min Scan# 61

Delta R.T. 0.006 min

Lab File: VY006926.D

Acq: 03 Dec 2021 19:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTD100805

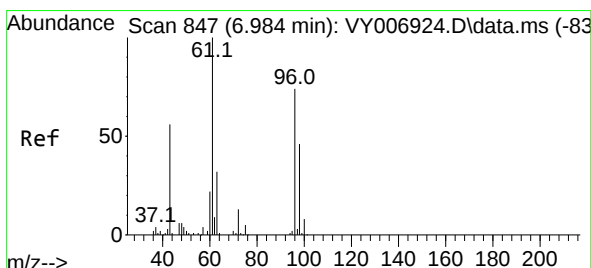
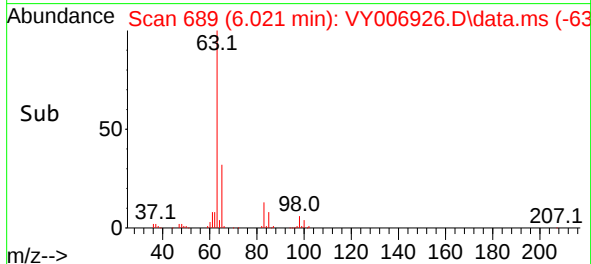
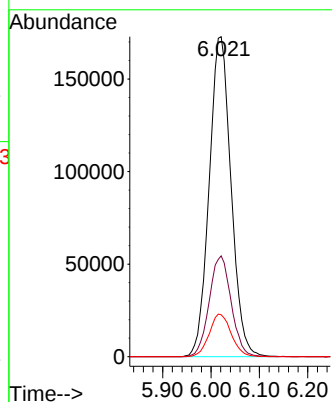
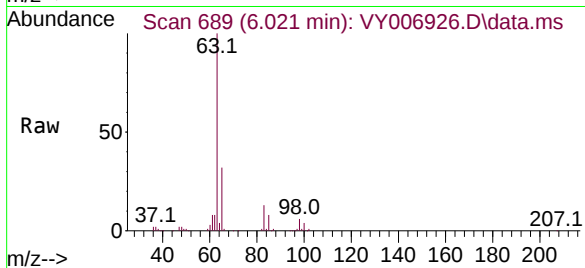
Tgt Ion: 63 Resp: 542934

Ion Ratio Lower Upper

63 100

65 31.5 21.0 39.0

83 13.1 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 103.060 ug/L

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY006926.D

Acq: 03 Dec 2021 19:11

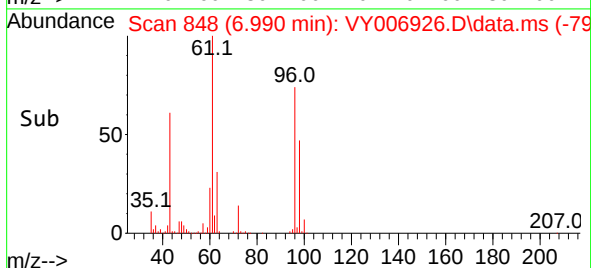
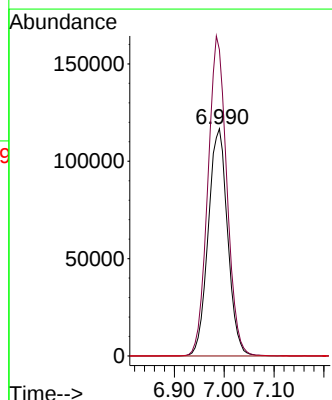
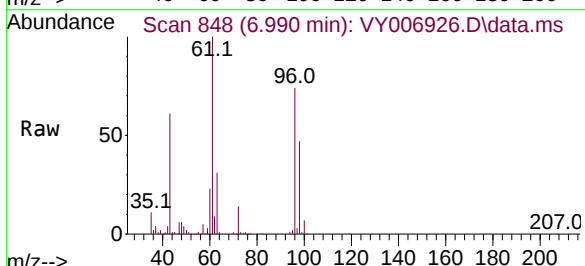
Tgt Ion: 96 Resp: 315540

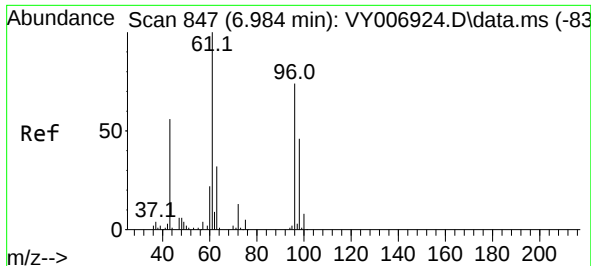
Ion Ratio Lower Upper

96 100

61 134.8 94.2 175.0

68 0.0 0.0 0.0

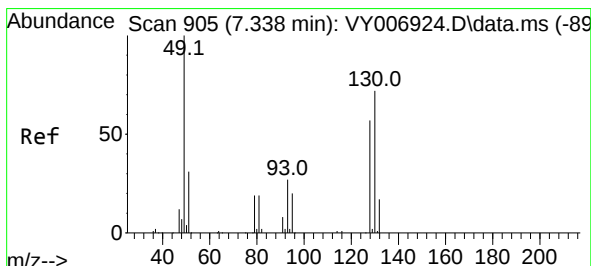
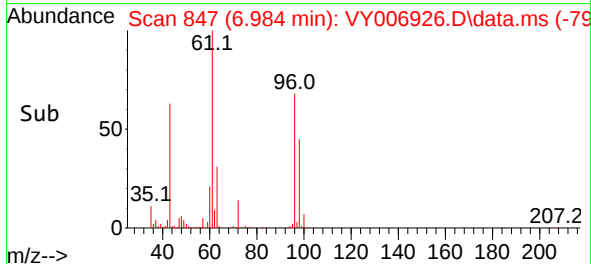
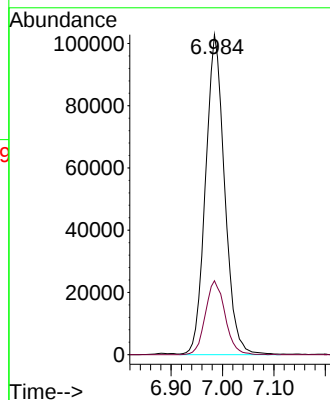
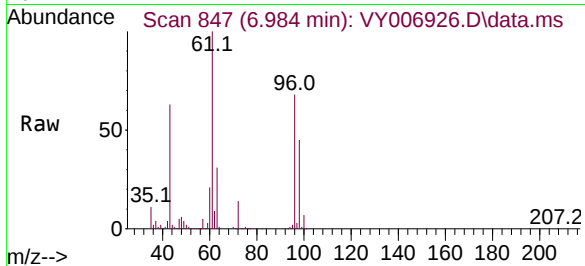




#22
2-Butanone
Concen: 215.580 ug/L
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

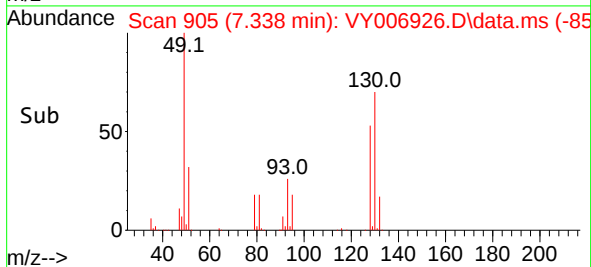
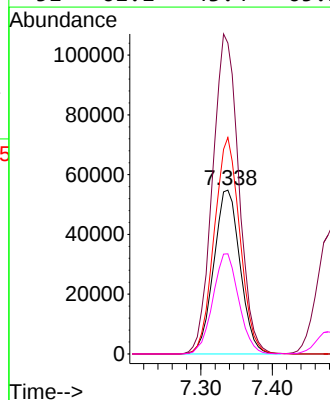
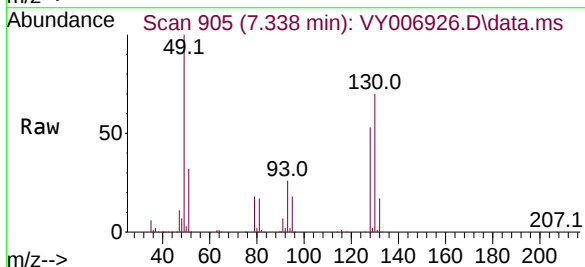
Instrument :
MSVOA_Y
ClientSampleId :
VSTD100805

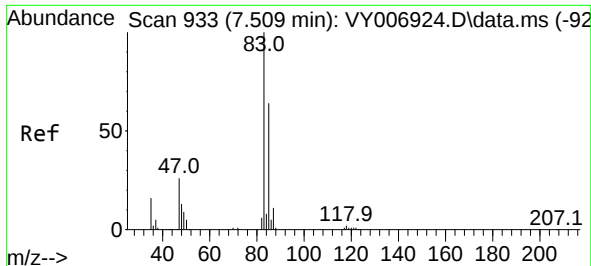
Tgt Ion: 43 Resp: 265867
Ion Ratio Lower Upper
43 100
72 23.7 12.9 38.6



#23
Bromochloromethane
Concen: 100.397 ug/L
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

Tgt Ion:128 Resp: 140420
Ion Ratio Lower Upper
128 100
49 189.8 123.5 229.3
130 132.2 88.5 164.4
51 61.1 43.4 65.2

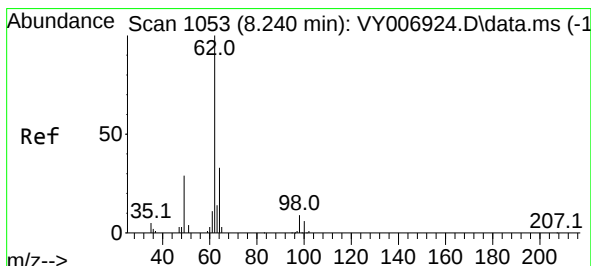
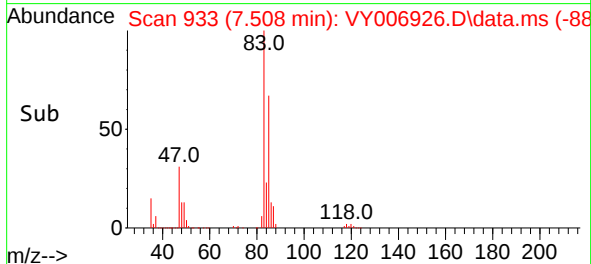
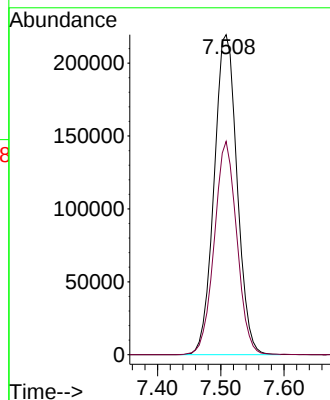
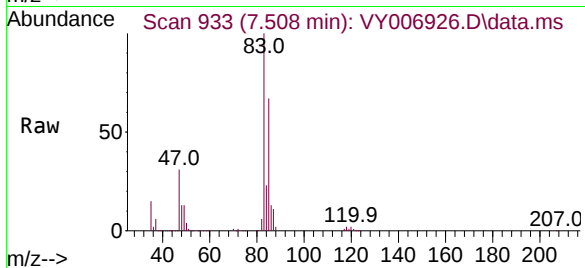




#25
Chloroform
Concen: 96.472 ug/L
RT: 7.508 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

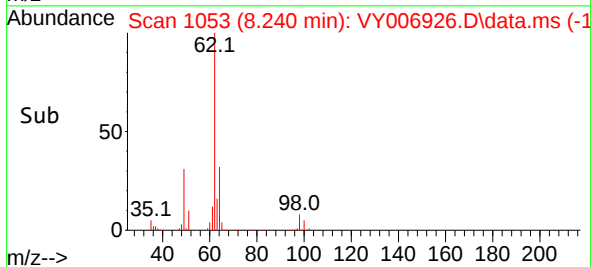
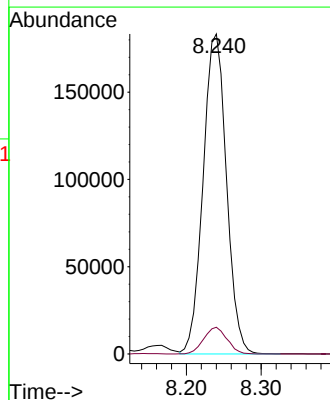
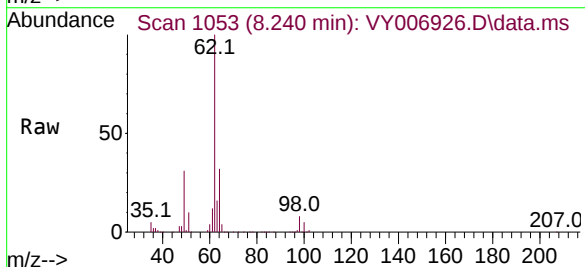
Instrument :
MSVOA_Y
ClientSampleId :
VSTD100805

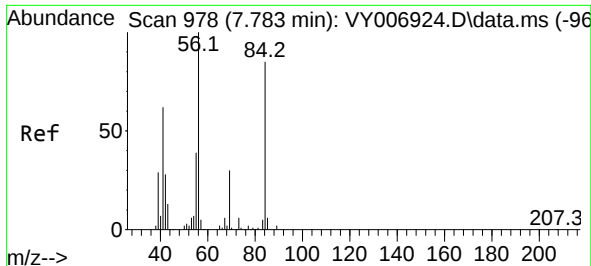
Tgt Ion: 83 Resp: 553139
Ion Ratio Lower Upper
83 100
85 66.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 97.234 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

Tgt Ion: 62 Resp: 398297
Ion Ratio Lower Upper
62 100
98 8.4 6.9 10.3

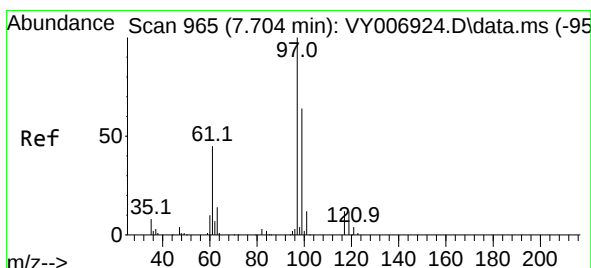
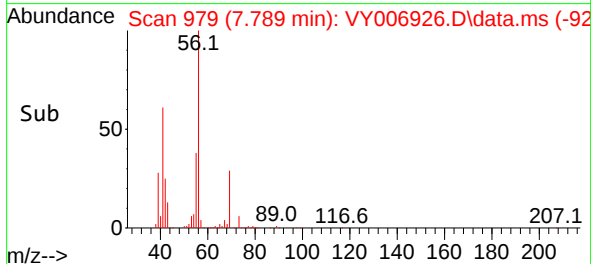
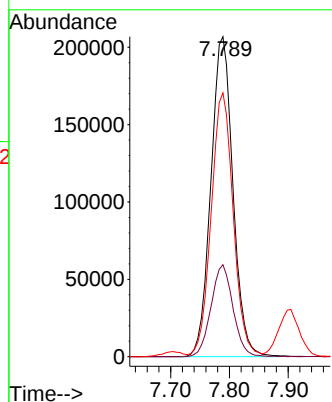
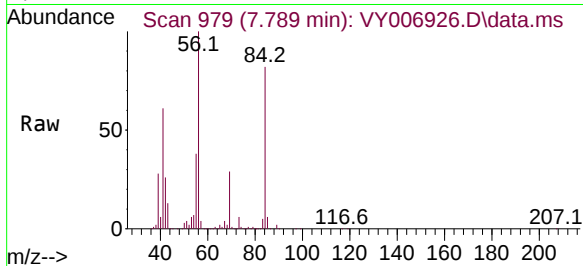




#29
Cyclohexane
Concen: 105.864 ug/L
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

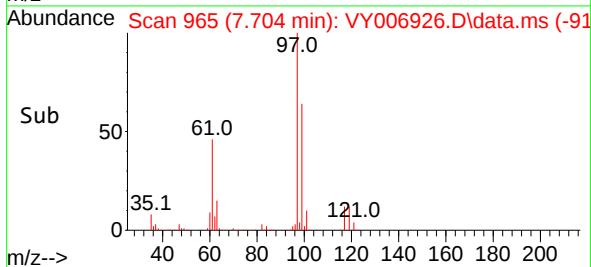
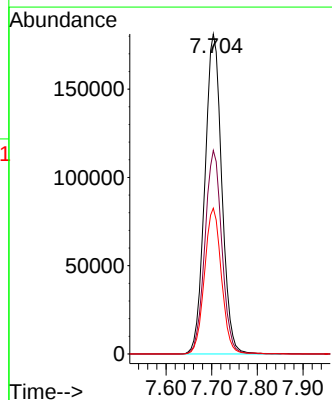
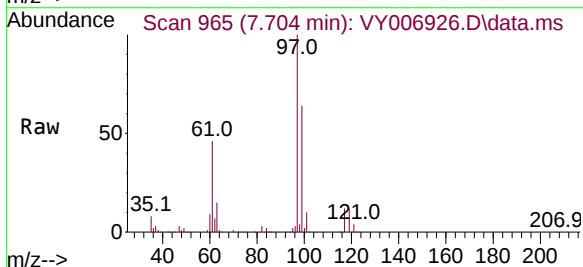
Instrument :
MSVOA_Y
ClientSampleId :
VSTD100805

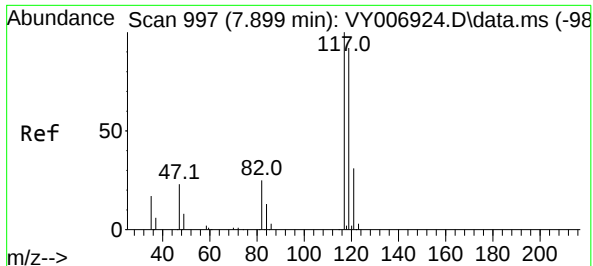
Tgt Ion: 56 Resp: 539551
Ion Ratio Lower Upper
56 100
69 28.5 24.1 36.1
84 82.4 67.8 101.6



#30
1,1,1-Trichloroethane
Concen: 93.446 ug/L
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

Tgt Ion: 97 Resp: 465910
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.2
61 45.4 35.7 53.5

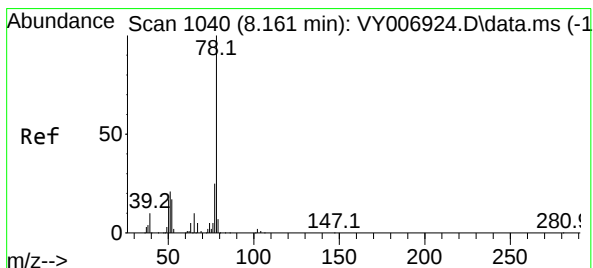
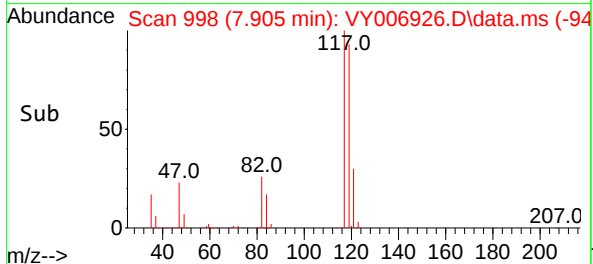
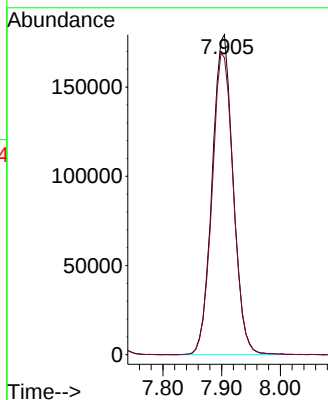
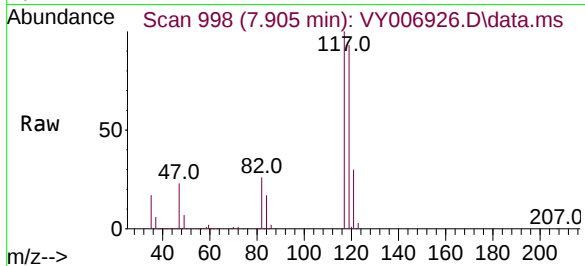




#31
Carbon tetrachloride
Concen: 97.159 ug/L
RT: 7.905 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

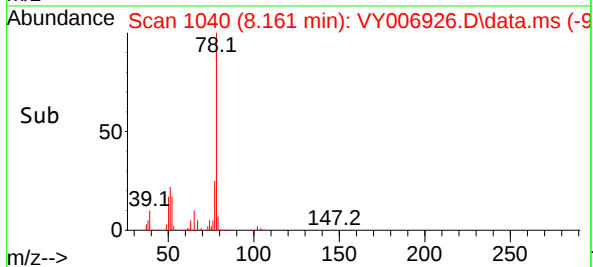
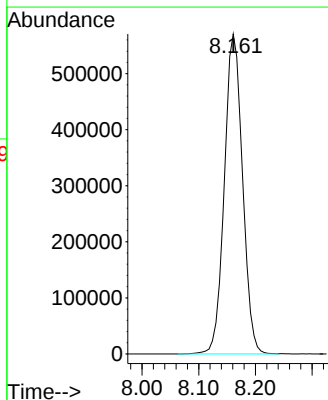
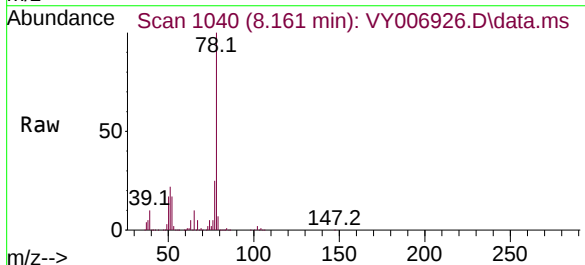
Instrument :
MSVOA_Y
ClientSampleId :
VSTD100805

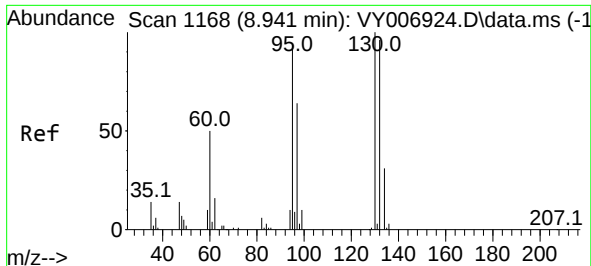
Tgt Ion:117 Resp: 444121
Ion Ratio Lower Upper
117 100
119 96.1 76.4 114.6



#33
Benzene
Concen: 103.898 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

Tgt Ion: 78 Resp: 1270081

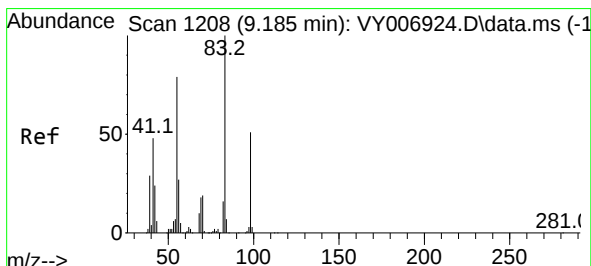
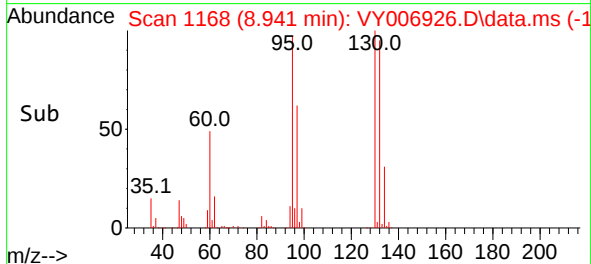
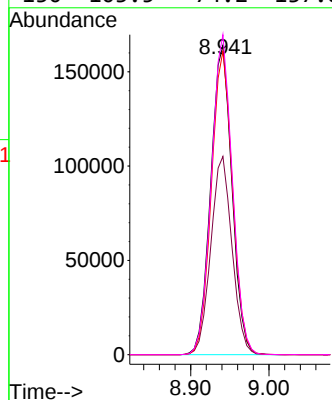
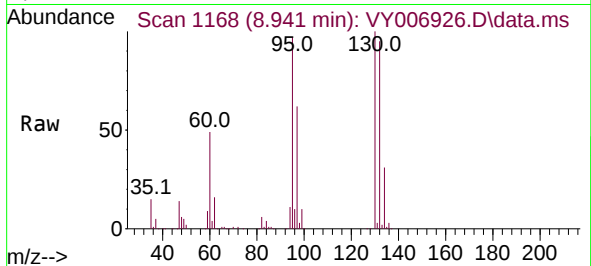




#34
 Trichloroethene
 Concen: 100.093 ug/L
 RT: 8.941 min Scan# 1168
 Delta R.T. -0.000 min
 Lab File: VY006926.D
 Acq: 03 Dec 2021 19:11

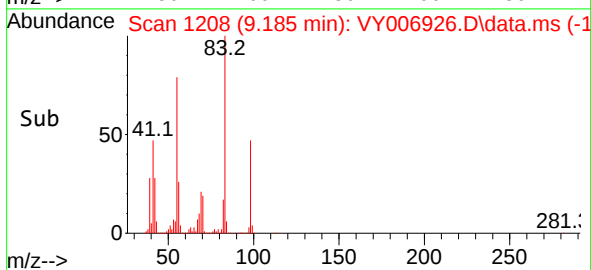
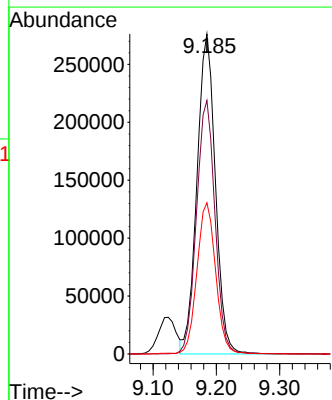
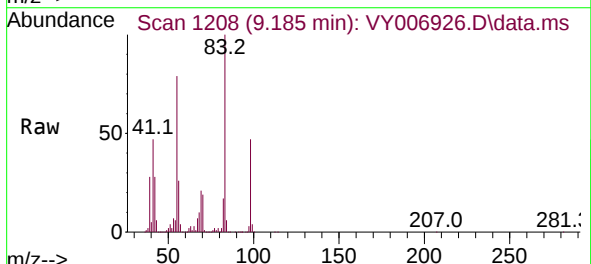
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD100805

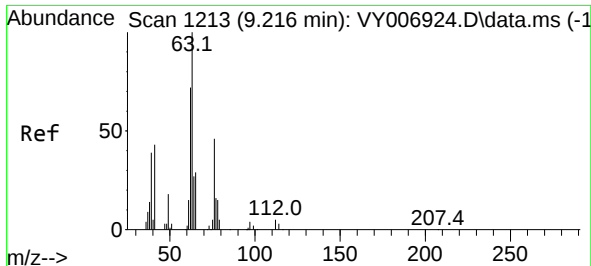
Tgt Ion: 95 Resp: 308211
 Ion Ratio Lower Upper
 95 100
 97 64.1 47.3 87.8
 132 98.1 71.3 132.5
 130 103.5 74.2 137.8



#35
 Methylcyclohexane
 Concen: 103.490 ug/L
 RT: 9.185 min Scan# 1208
 Delta R.T. -0.000 min
 Lab File: VY006926.D
 Acq: 03 Dec 2021 19:11

Tgt Ion: 83 Resp: 560582
 Ion Ratio Lower Upper
 83 100
 55 79.4 62.6 94.0
 98 47.8 39.1 58.7





#37

1,2-Dichloropropane

Concen: 106.148 ug/L

RT: 9.215 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006926.D

Acq: 03 Dec 2021 19:11

Instrument :

MSVOA_Y

ClientSampleId :

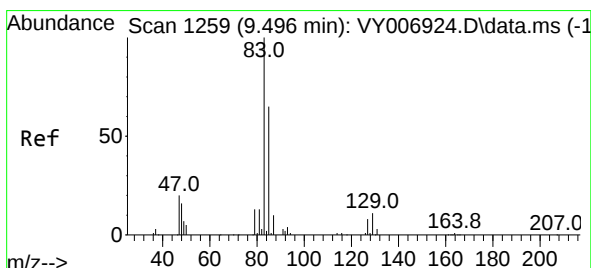
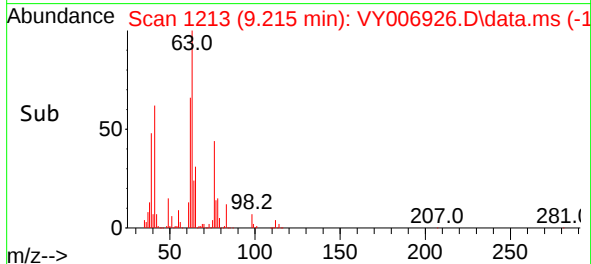
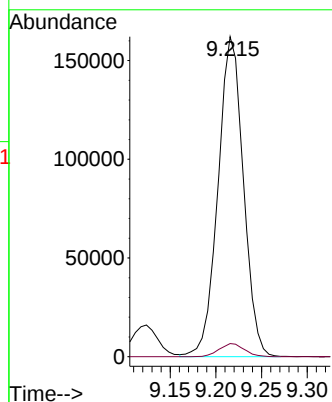
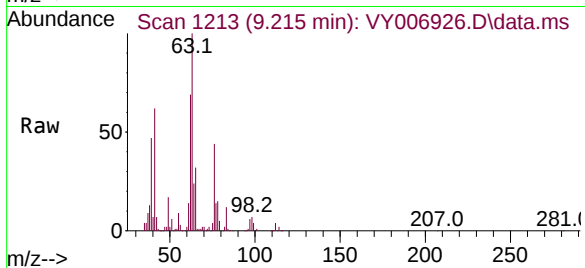
VSTD100805

Tgt Ion: 63 Resp: 313744

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 103.203 ug/L

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY006926.D

Acq: 03 Dec 2021 19:11

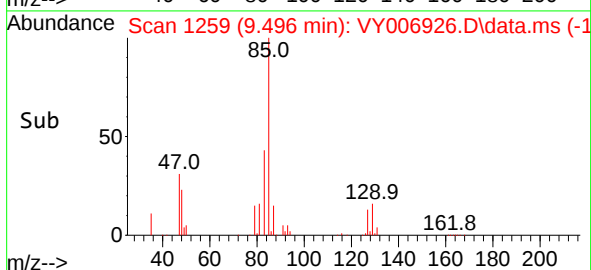
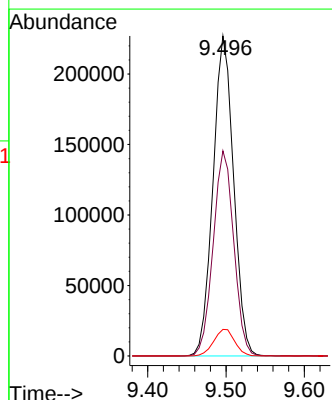
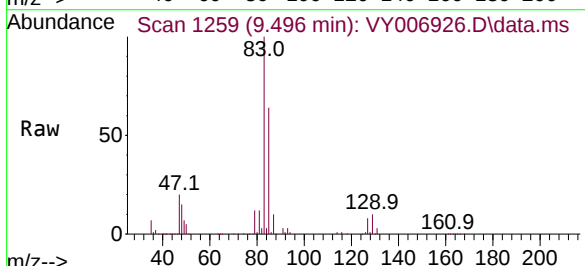
Tgt Ion: 83 Resp: 415473

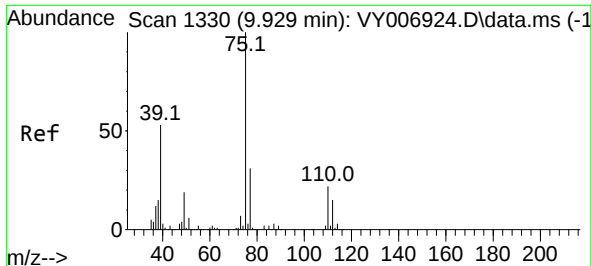
Ion Ratio Lower Upper

83 100

85 64.1 45.4 84.2

127 8.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 110.309 ug/L

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY006926.D

Acq: 03 Dec 2021 19:11

Instrument :

MSVOA_Y

ClientSampleId :

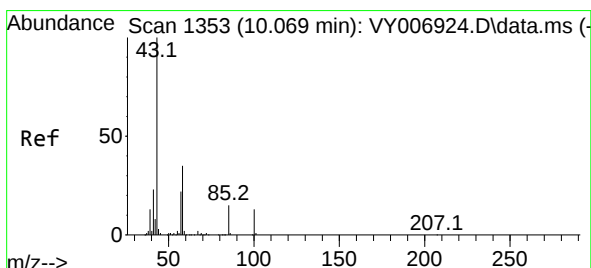
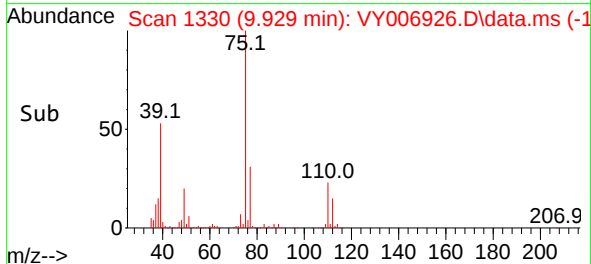
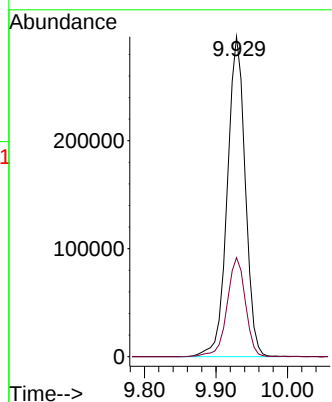
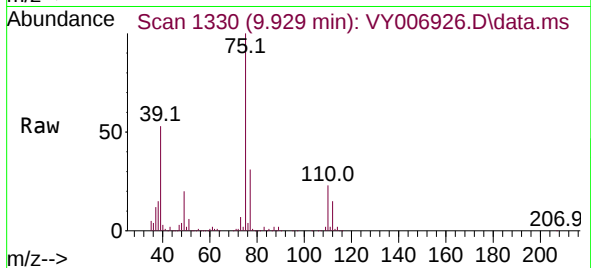
VSTD100805

Tgt Ion: 75 Resp: 516059

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 248.477 ug/L

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY006926.D

Acq: 03 Dec 2021 19:11

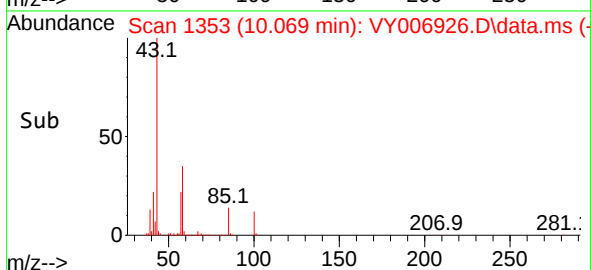
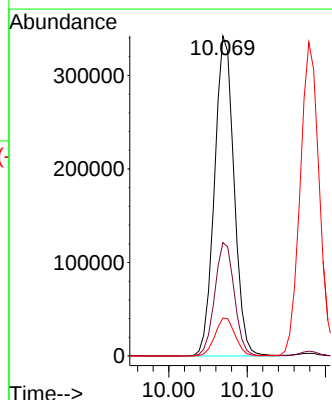
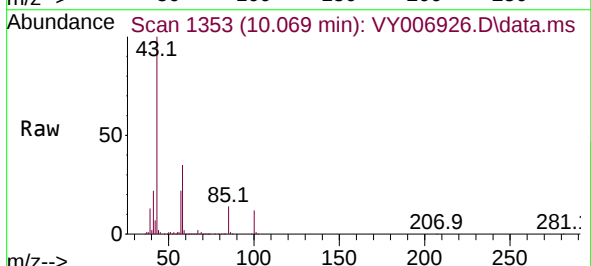
Tgt Ion: 43 Resp: 594002

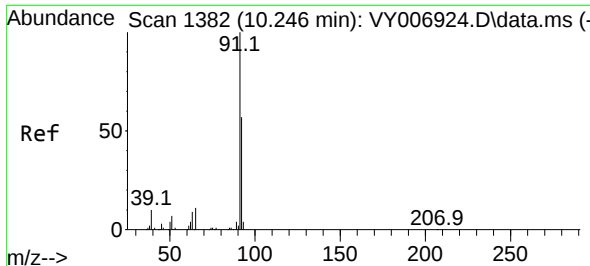
Ion Ratio Lower Upper

43 100

58 35.6 28.6 43.0

100 12.2 11.1 16.7

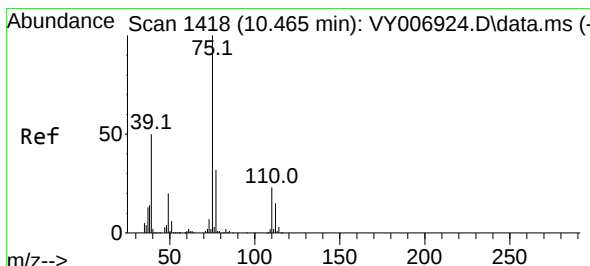
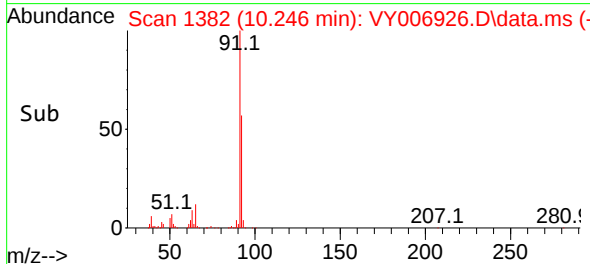
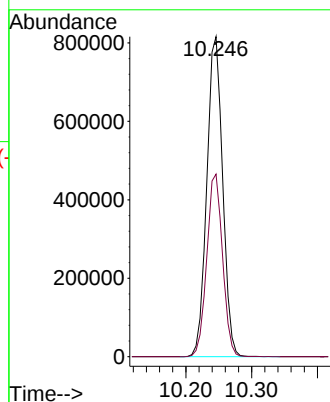
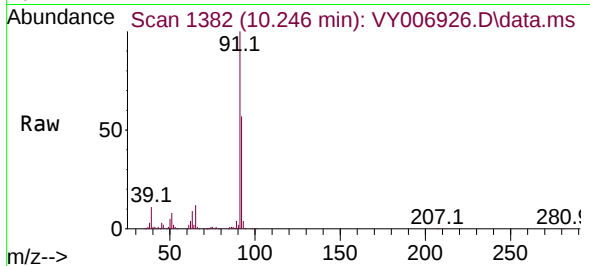




#42
Toluene
Concen: 103.416 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

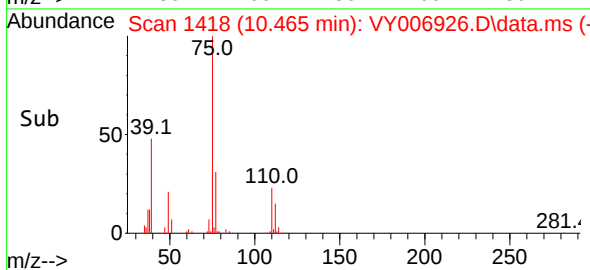
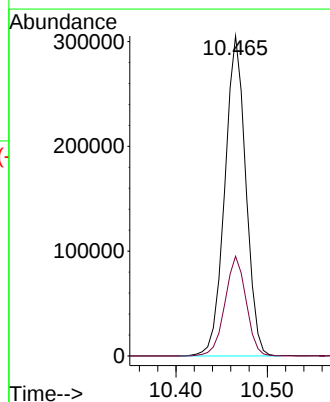
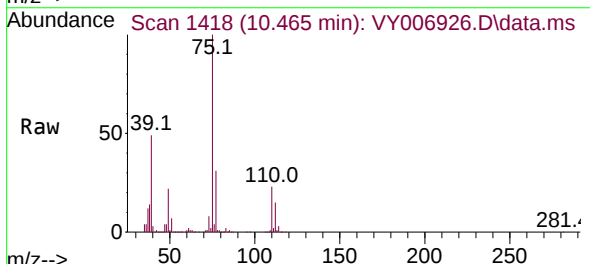
Instrument :
MSVOA_Y
ClientSampleId :
VSTD100805

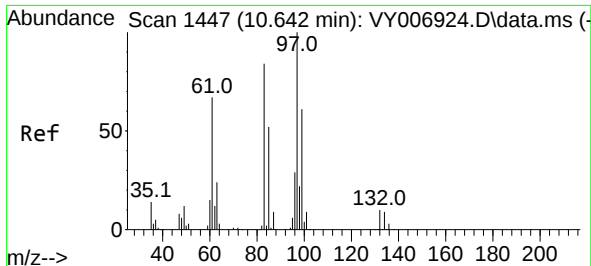
Tgt Ion: 91 Resp: 1366628
Ion Ratio Lower Upper
91 100
92 57.1 39.8 74.0



#44
trans-1,3-Dichloropropene
Concen: 110.312 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

Tgt Ion: 75 Resp: 487811
Ion Ratio Lower Upper
75 100
77 31.1 22.6 42.0

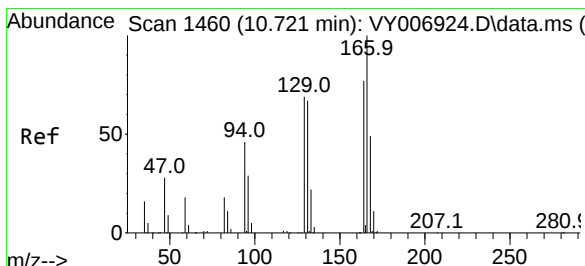
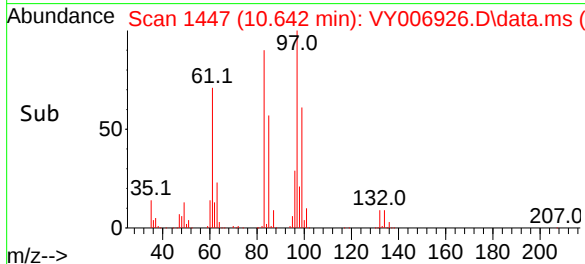
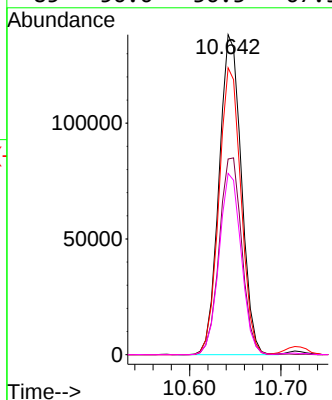
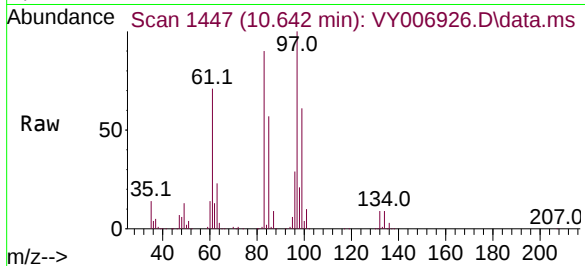




#45
1,1,2-Trichloroethane
Concen: 107.435 ug/L
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

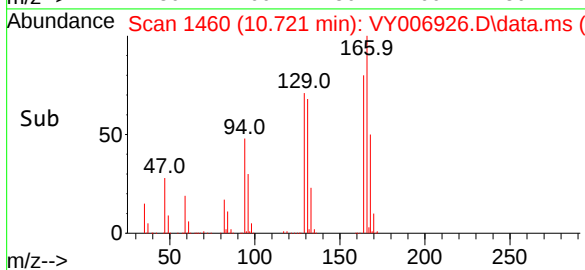
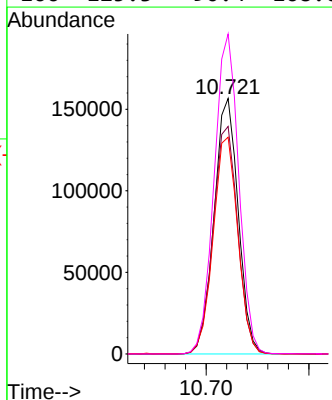
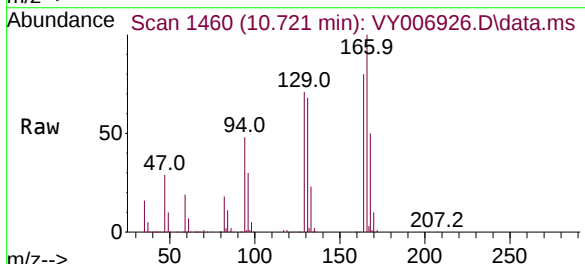
Instrument :
MSVOA_Y
ClientSampleId :
VSTD100805

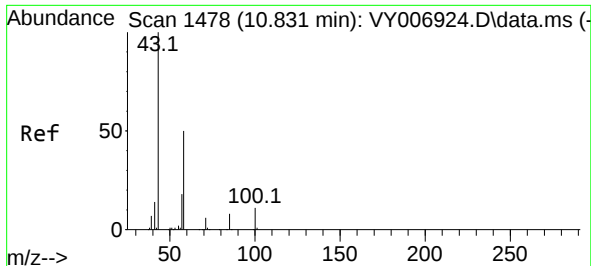
Tgt Ion: 97	Resp: 234556		
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.0	79.8
83	89.6	58.9	109.3
85	56.6	36.3	67.3



#46
Tetrachloroethene
Concen: 99.139 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

Tgt	Ion:164	Resp:	255582
Ion	Ratio	Lower	Upper
164	100		
129	89.1	62.1	115.3
131	84.8	61.0	113.2
166	125.3	90.4	168.0

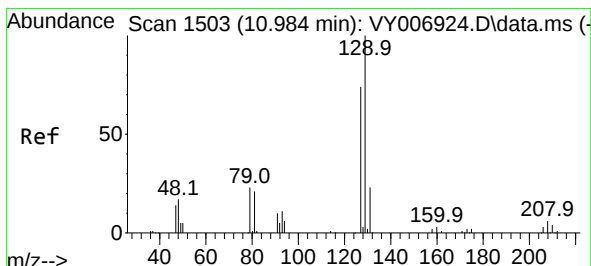
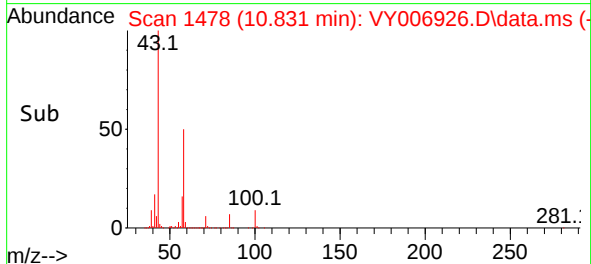
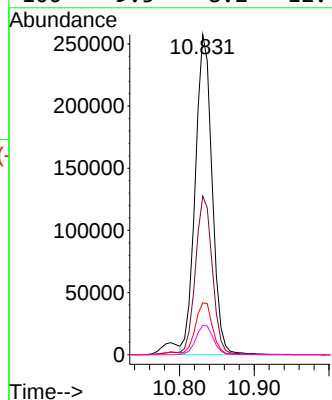
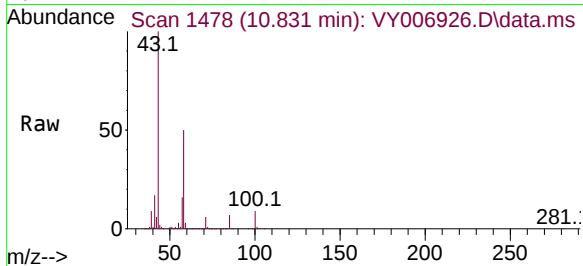




#48
2-Hexanone
Concen: 225.543 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

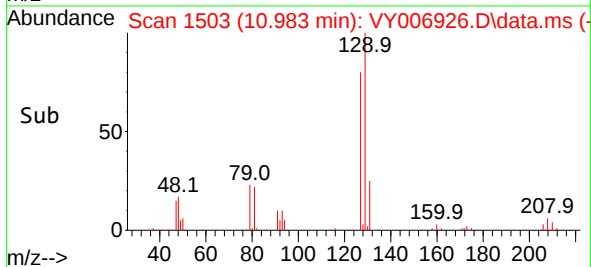
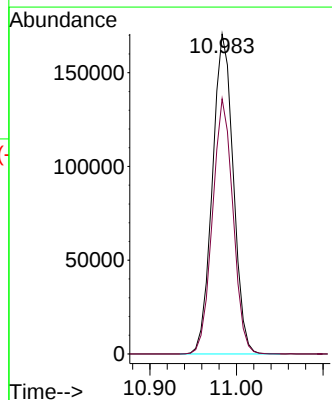
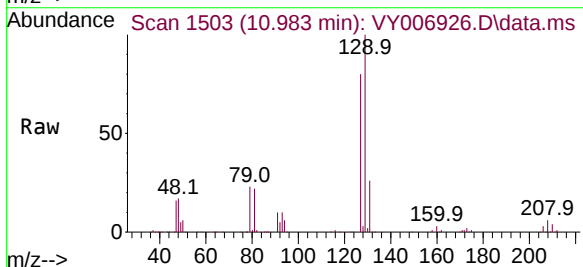
Instrument :
MSVOA_Y
ClientSampleId :
VSTD100805

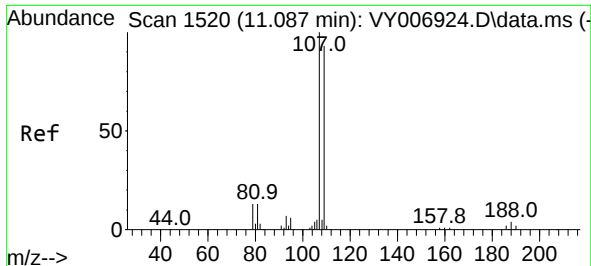
Tgt Ion: 43 Resp: 402469
Ion Ratio Lower Upper
43 100
58 49.8 39.9 59.9
57 16.4 14.2 21.4
100 9.5 8.2 12.4



#49
Dibromochloromethane
Concen: 104.866 ug/L
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

Tgt Ion: 129 Resp: 285776
Ion Ratio Lower Upper
129 100
127 79.8 52.1 96.9

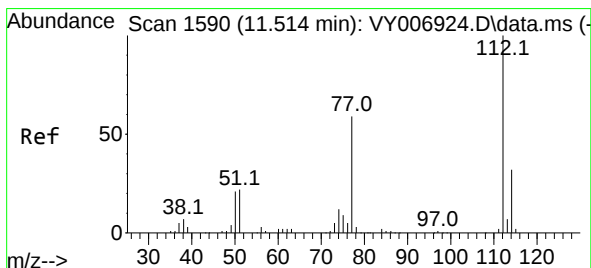
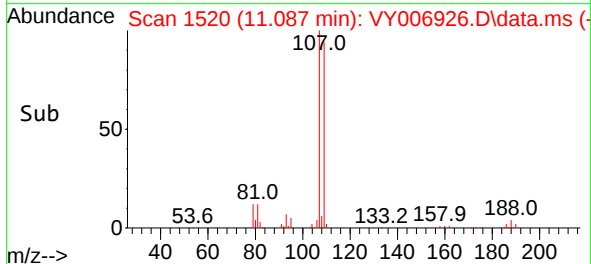
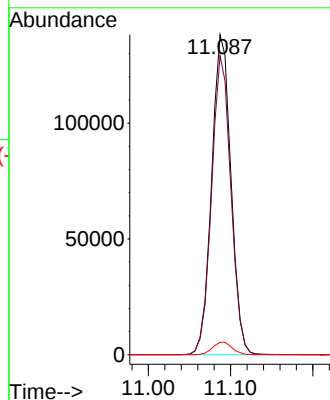
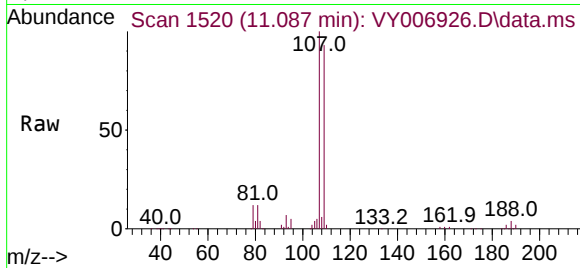




#50
1,2-Dibromoethane
Concen: 110.361 ug/L
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

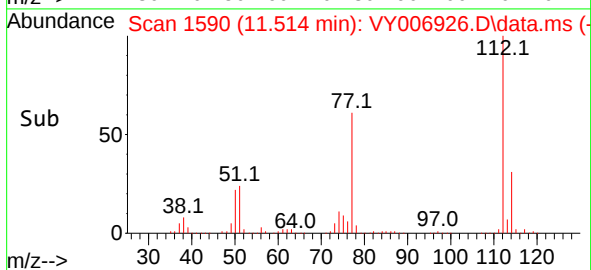
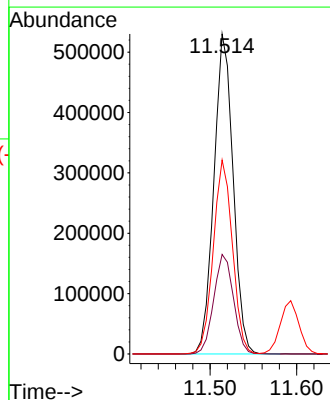
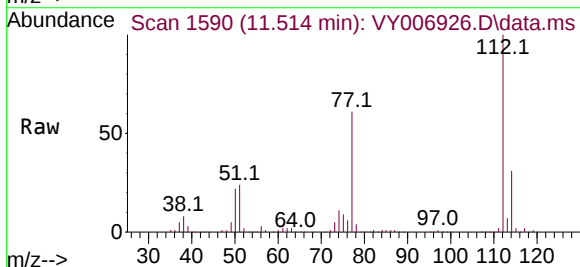
Instrument :
MSVOA_Y
ClientSampleId :
VSTD100805

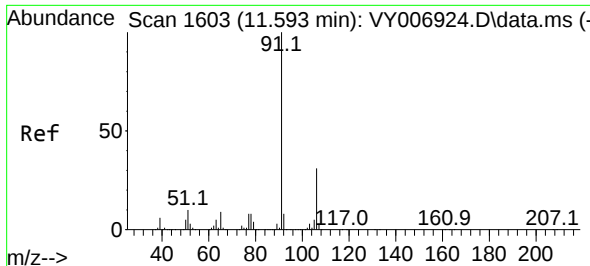
Tgt Ion:	107	Resp:	225467
Ion	Ratio	Lower	Upper
107	100		
109	93.5	65.2	121.0
188	3.9	3.1	4.7



#51
Chlorobenzene
Concen: 101.604 ug/L
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

Tgt Ion:	112	Resp:	816624
Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.2	41.2
77	60.6	47.6	71.4

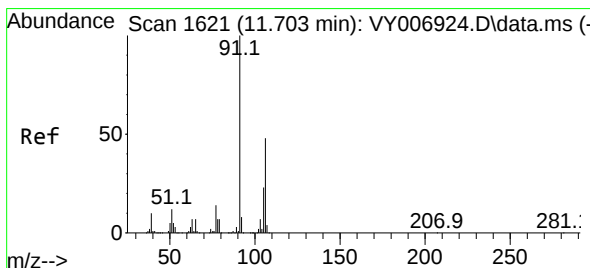
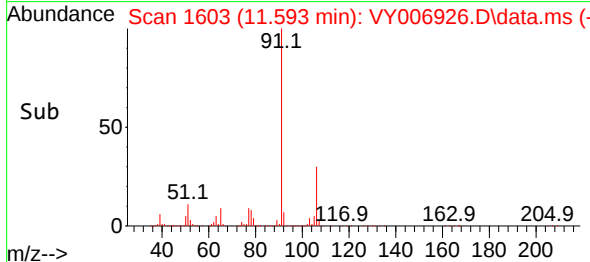
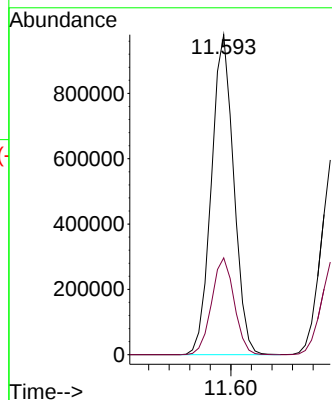
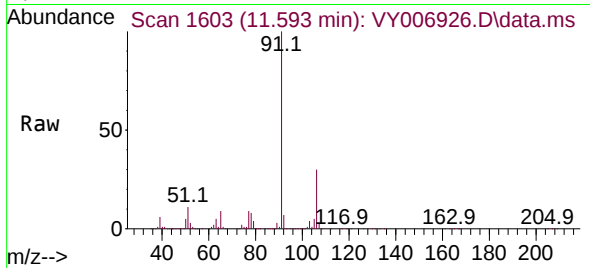




#52
Ethylbenzene
Concen: 104.218 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

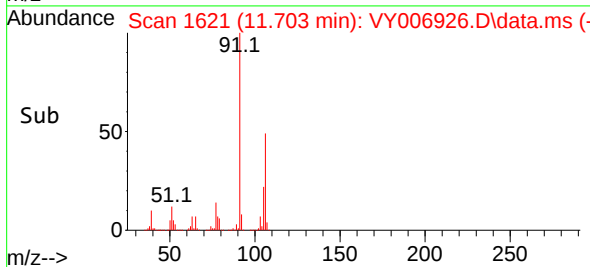
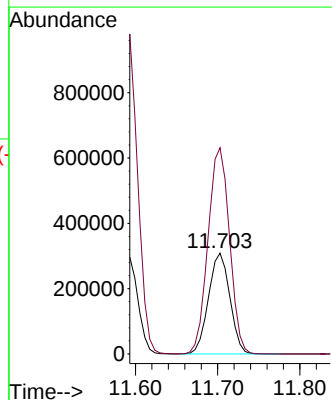
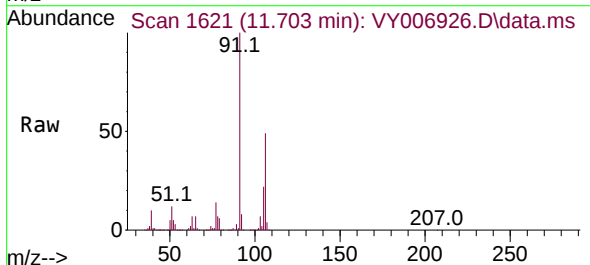
Instrument :
MSVOA_Y
ClientSampleId :
VSTD100805

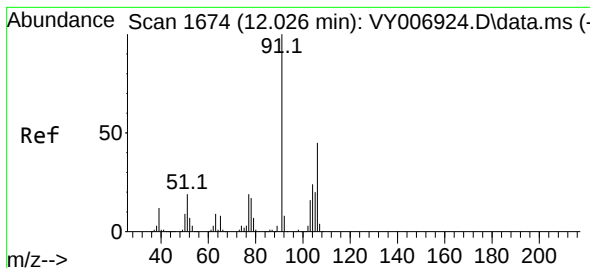
Tgt Ion: 91 Resp: 1473967
Ion Ratio Lower Upper
91 100
106 30.2 21.4 39.8



#53
m,p-Xylene
Concen: 103.336 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

Tgt Ion: 106 Resp: 556228
Ion Ratio Lower Upper
106 100
91 204.6 144.7 268.7





#54

o-Xylene

Concen: 104.036 ug/L

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY006926.D

Acq: 03 Dec 2021 19:11

Instrument :

MSVOA_Y

ClientSampleId :

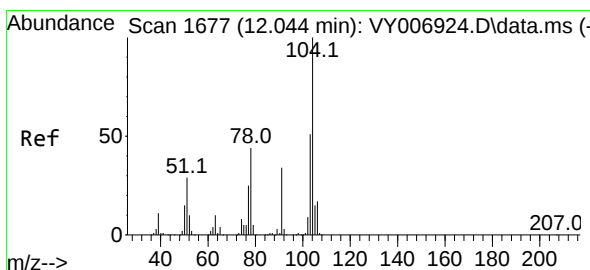
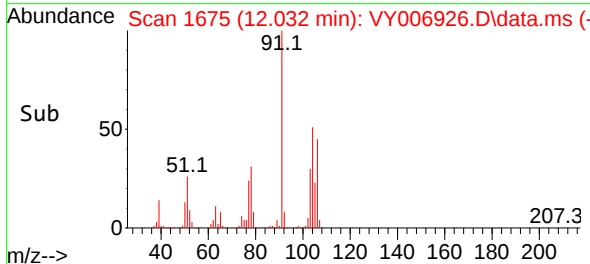
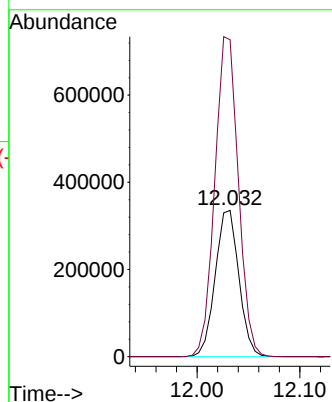
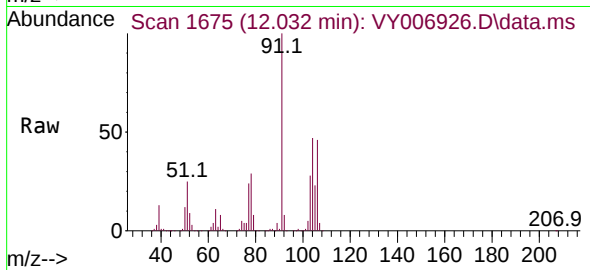
VSTD100805

Tgt Ion:106 Resp: 536025

Ion Ratio Lower Upper

106 100

91 216.7 155.5 288.7



#55

Styrene

Concen: 105.576 ug/L

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY006926.D

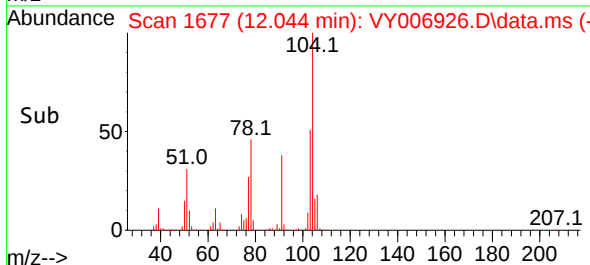
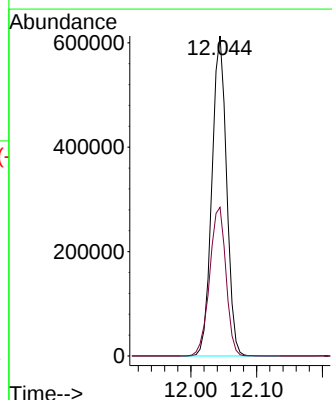
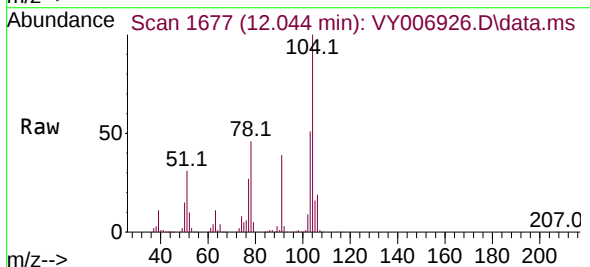
Acq: 03 Dec 2021 19:11

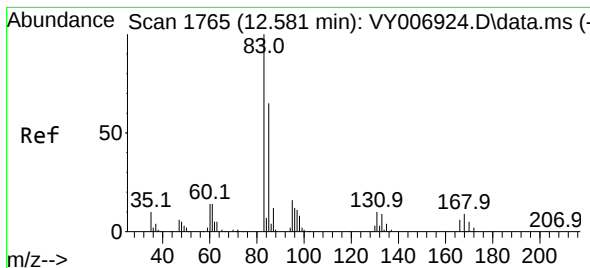
Tgt Ion:104 Resp: 951272

Ion Ratio Lower Upper

104 100

78 46.5 30.8 57.2





#57

1,1,2,2-Tetrachloroethane

Concen: 116.241 ug/L

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY006926.D

Acq: 03 Dec 2021 19:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTD100805

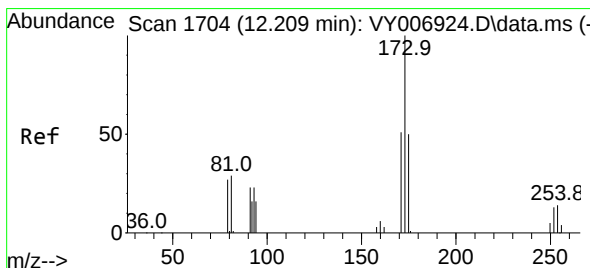
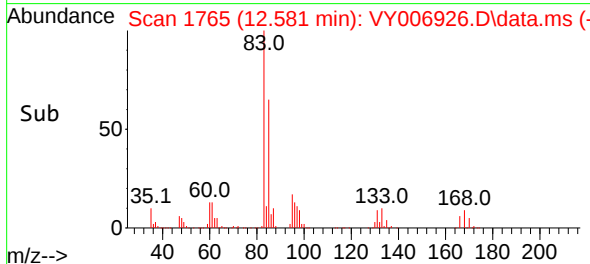
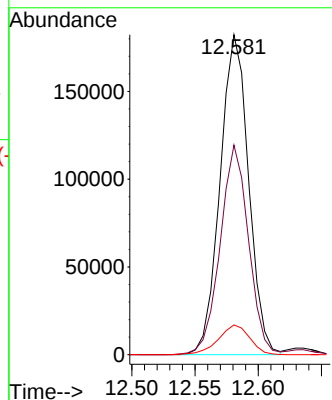
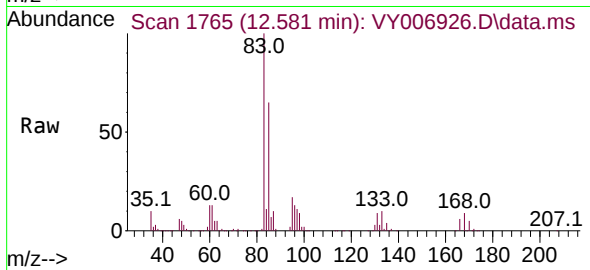
Tgt Ion: 83 Resp: 285843

Ion Ratio Lower Upper

83 100

85 65.5 45.4 84.2

131 9.3 7.8 11.8



#59

Bromoform

Concen: 108.243 ug/L

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY006926.D

Acq: 03 Dec 2021 19:11

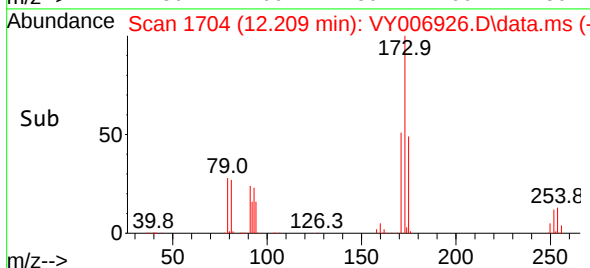
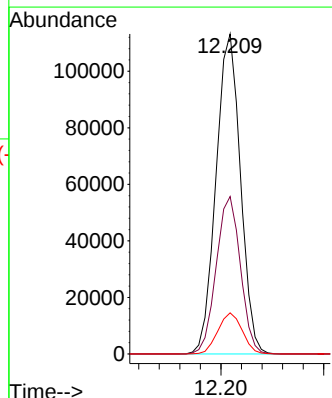
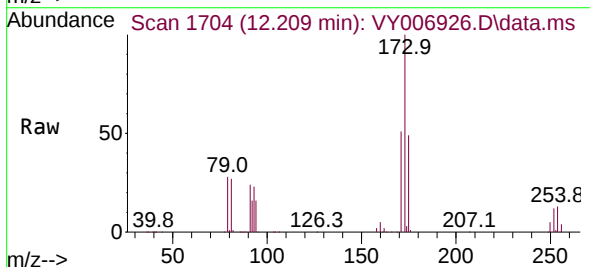
Tgt Ion:173 Resp: 186492

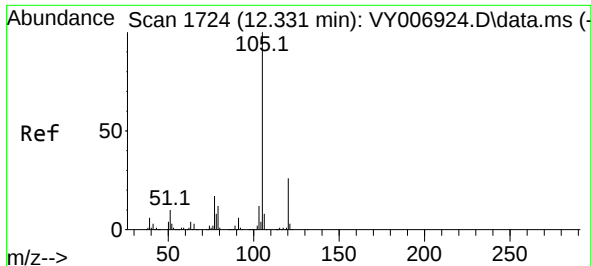
Ion Ratio Lower Upper

173 100

175 48.8 38.6 58.0

254 12.8 10.3 15.5

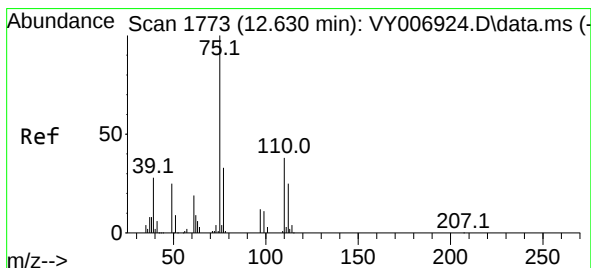
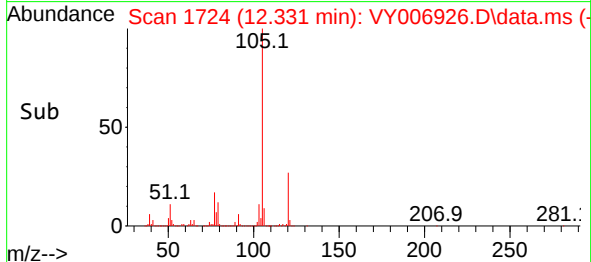
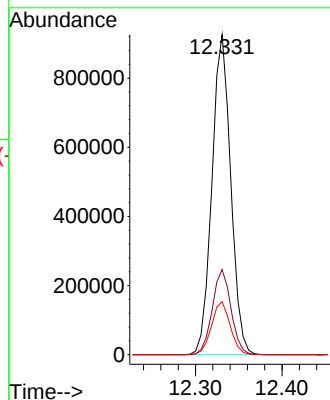
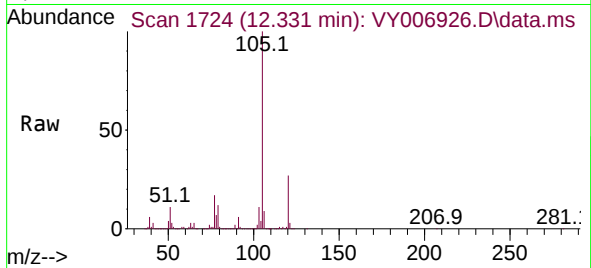




#60
Isopropylbenzene
Concen: 103.547 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

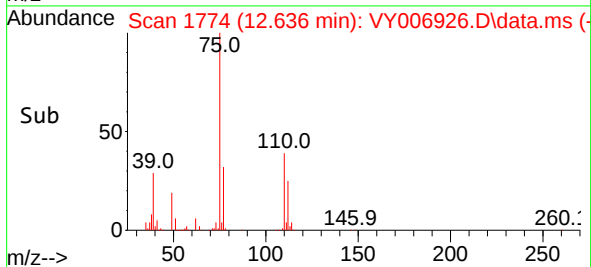
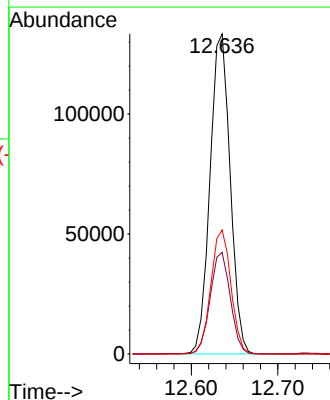
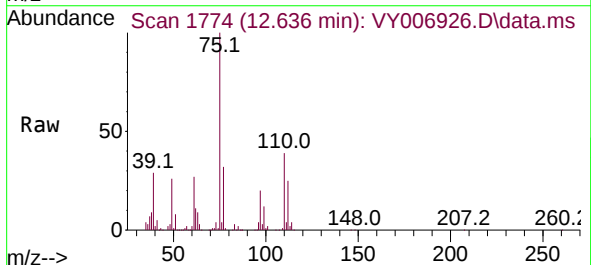
Instrument :
MSVOA_Y
ClientSampleId :
VSTD100805

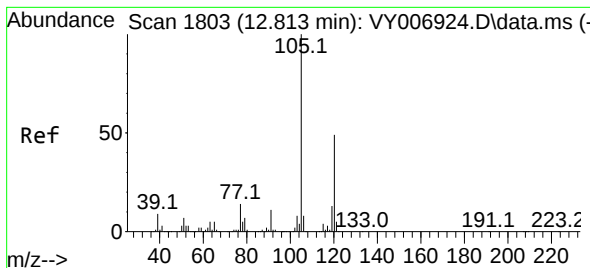
Tgt Ion:105 Resp: 1392869
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 107.922 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

Tgt Ion: 75 Resp: 215776
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
110 38.5 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 104.163 ug/L

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY006926.D

Acq: 03 Dec 2021 19:11

Instrument :

MSVOA_Y

ClientSampleId :

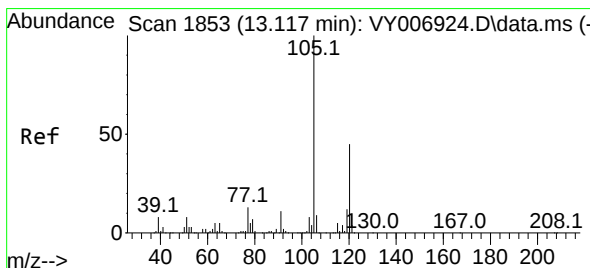
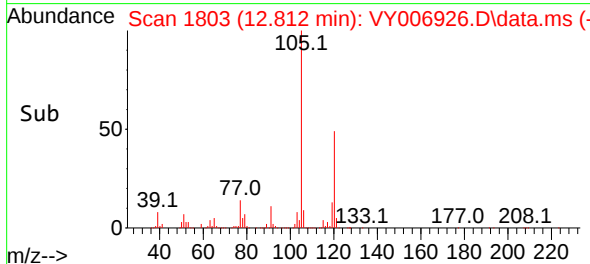
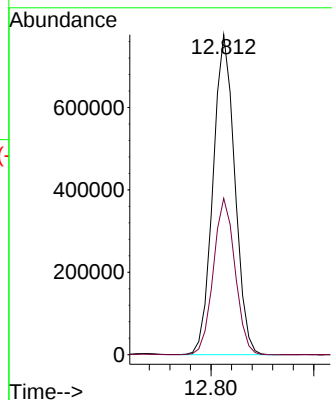
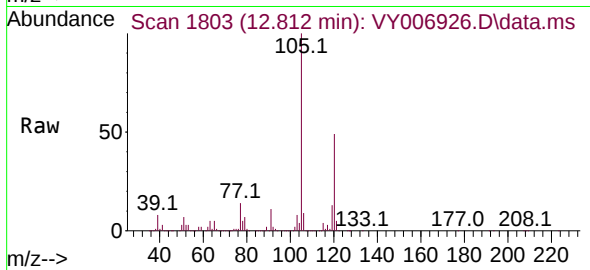
VSTD100805

Tgt Ion:105 Resp: 1139139

Ion Ratio Lower Upper

105 100

120 48.7 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 104.421 ug/L

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY006926.D

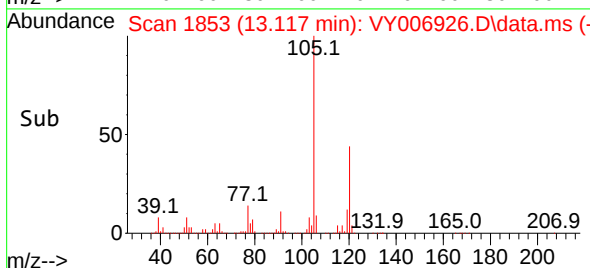
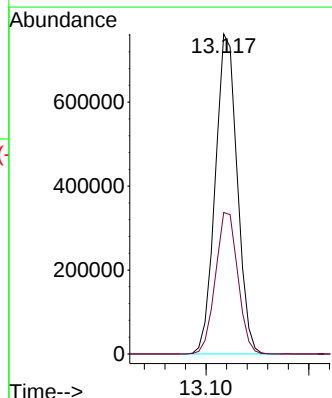
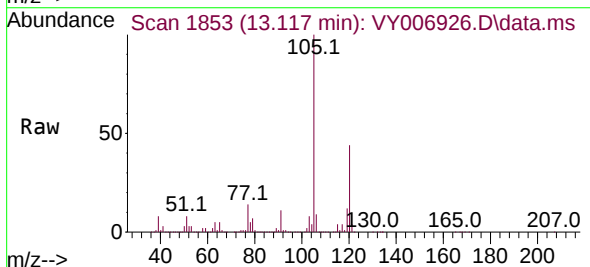
Acq: 03 Dec 2021 19:11

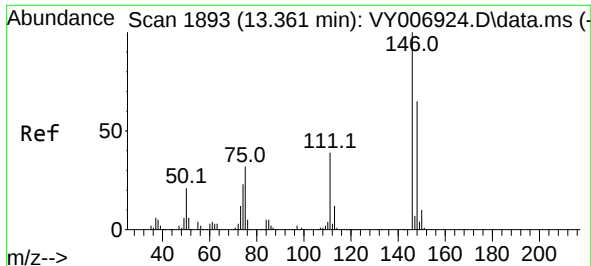
Tgt Ion:105 Resp: 1129358

Ion Ratio Lower Upper

105 100

120 45.1 36.0 54.0

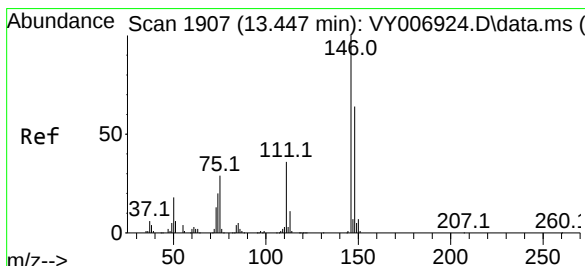
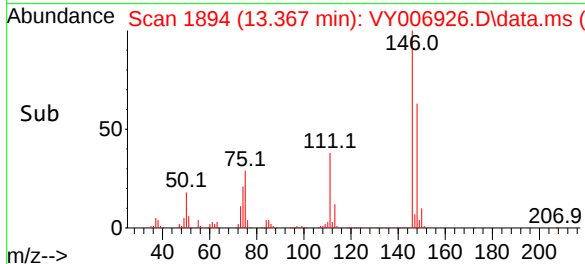
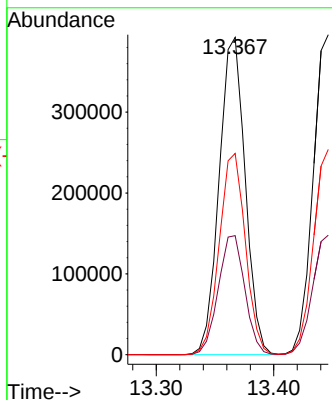
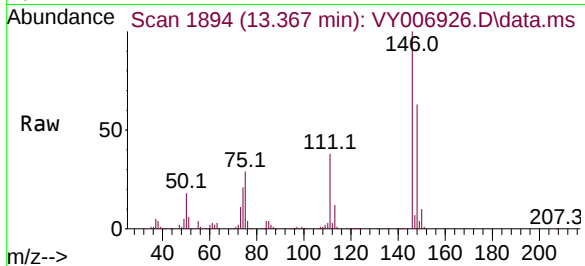




#64
1,3-Dichlorobenzene
Concen: 100.540 ug/L
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

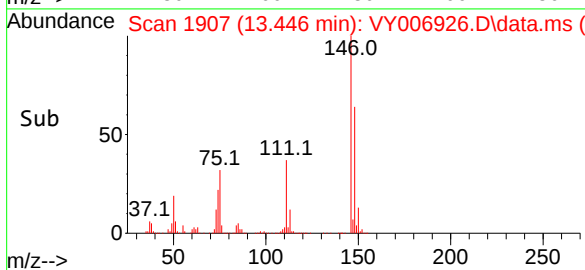
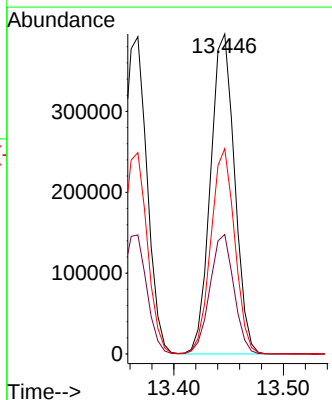
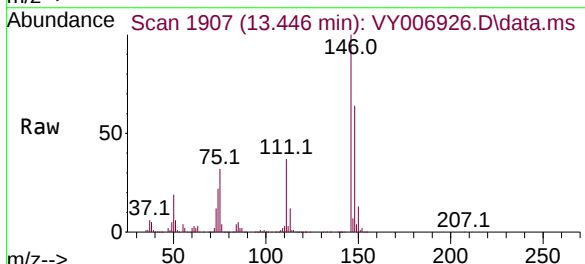
Instrument :
MSVOA_Y
ClientSampleId :
VSTD100805

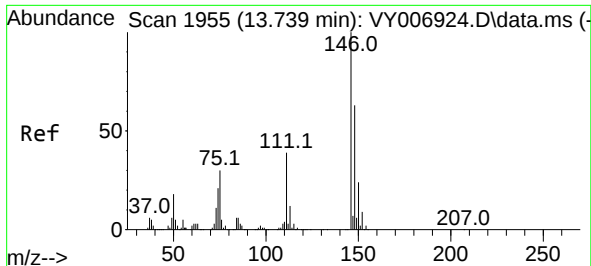
Tgt Ion:146 Resp: 605965
Ion Ratio Lower Upper
146 100
111 37.5 27.4 51.0
148 63.4 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 99.914 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

Tgt Ion:146 Resp: 605748
Ion Ratio Lower Upper
146 100
111 37.3 25.3 46.9
148 64.2 44.9 83.5

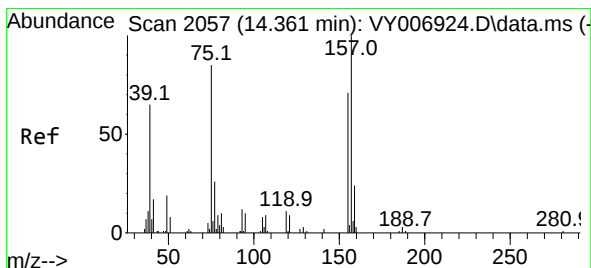
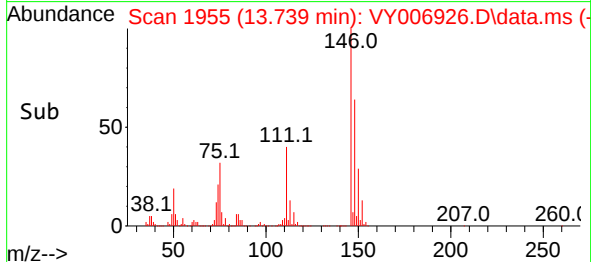
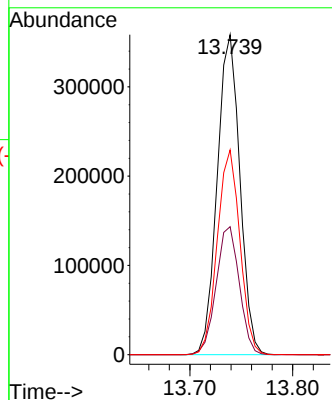
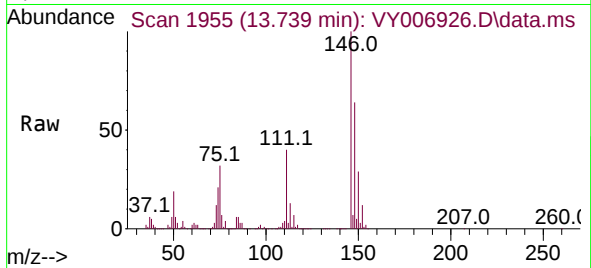




#67
1,2-Dichlorobenzene
Concen: 100.367 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

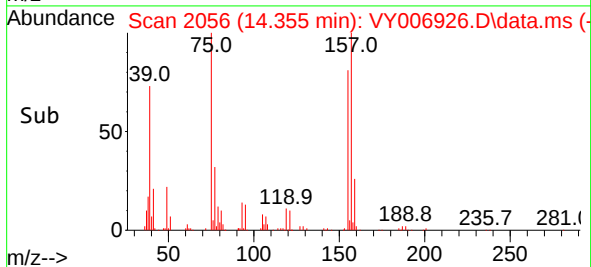
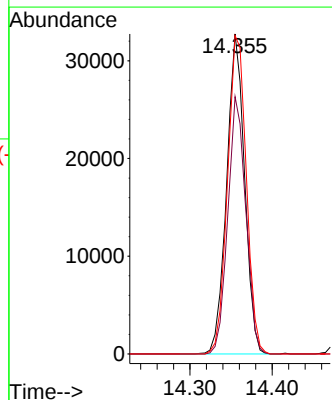
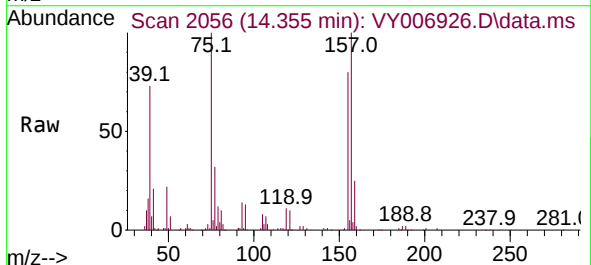
Instrument :
MSVOA_Y
ClientSampleId :
VSTD100805

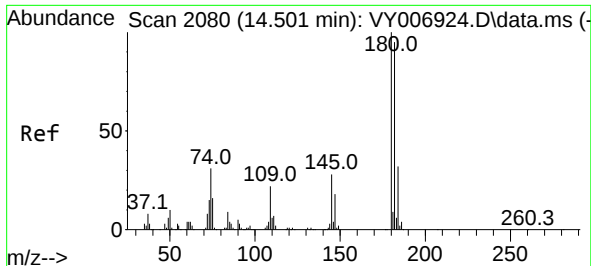
Tgt Ion:146 Resp: 548384
Ion Ratio Lower Upper
146 100
111 40.0 31.0 46.6
148 64.0 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 106.910 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006926.D
Acq: 03 Dec 2021 19:11

Tgt Ion: 75 Resp: 49549
Ion Ratio Lower Upper
75 100
155 80.4 66.3 99.5
157 99.5 93.9 140.9





#69

1,3,5-Trichlorobenzene

Concen: 102.320 ug/L

RT: 14.501 min Scan# 2080

Delta R.T. -0.000 min

Lab File: VY006926.D

Acq: 03 Dec 2021 19:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTD100805

Tgt Ion:180 Resp: 430572

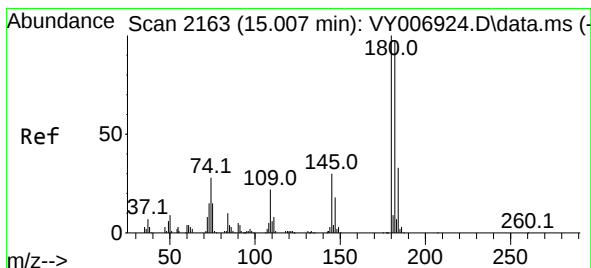
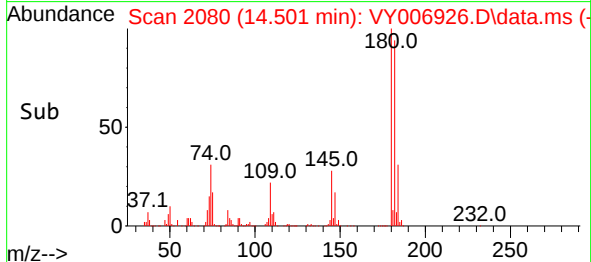
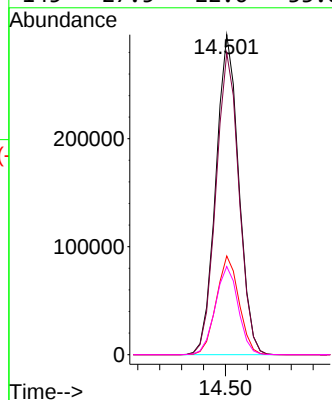
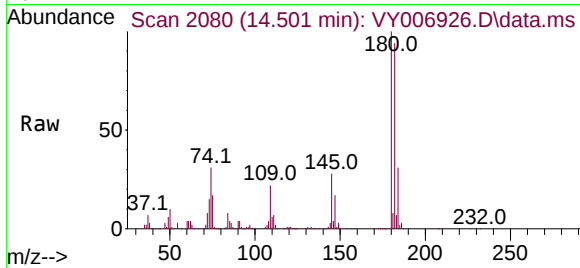
Ion Ratio Lower Upper

180 100

182 94.6 76.0 114.0

184 30.5 24.6 36.8

145 27.5 22.6 33.8



#70

1,2,4-trichlorobenzene

Concen: 103.847 ug/L

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY006926.D

Acq: 03 Dec 2021 19:11

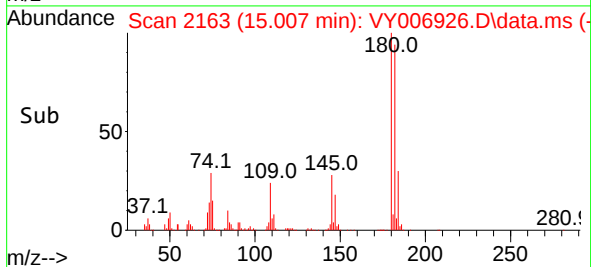
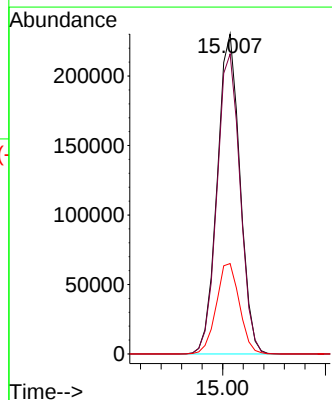
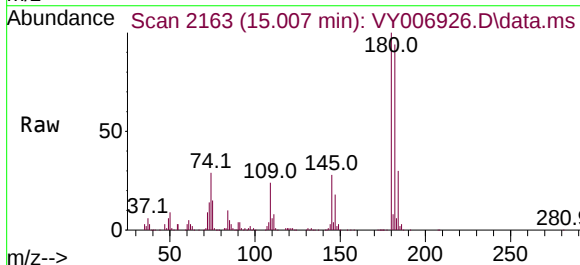
Tgt Ion:180 Resp: 352242

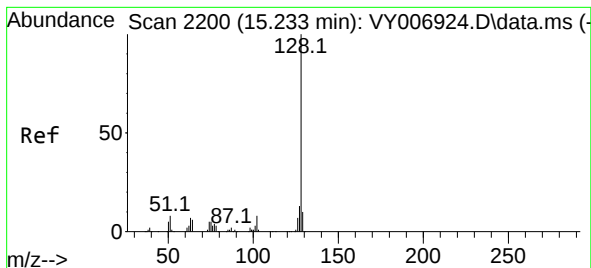
Ion Ratio Lower Upper

180 100

182 95.4 75.6 113.4

145 28.9 23.0 34.6





#71

Naphthalene

Concen: 112.015 ug/L

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY006926.D

Acq: 03 Dec 2021 19:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTD100805

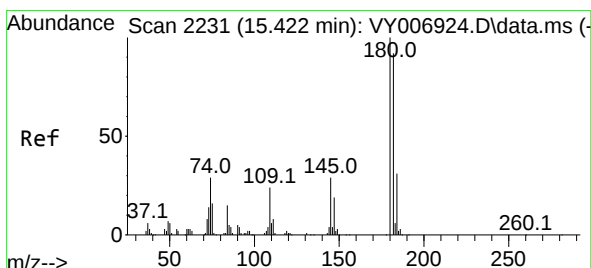
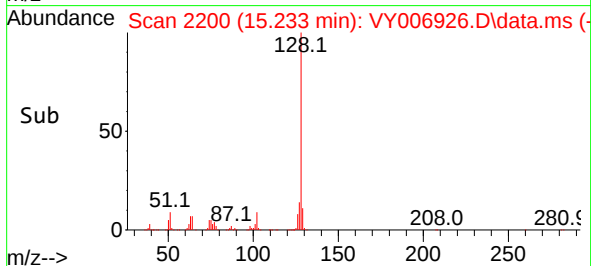
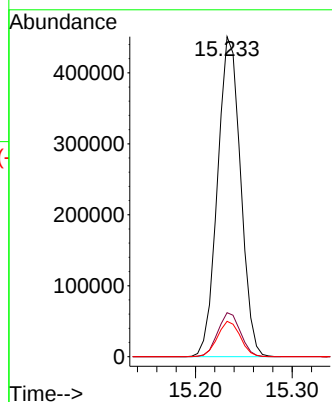
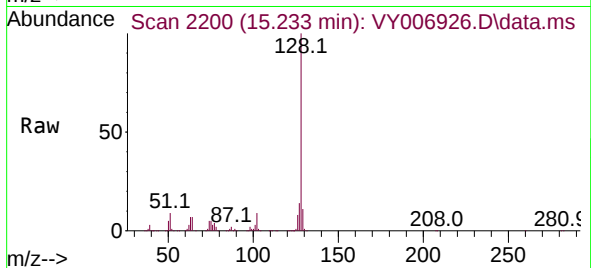
Tgt Ion:128 Resp: 745301

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 103.918 ug/L

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY006926.D

Acq: 03 Dec 2021 19:11

Tgt Ion:180 Resp: 303174

Ion Ratio Lower Upper

180 100

182 95.4 75.5 113.3

145 29.4 23.5 35.3

