

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120321\
 Data File : VY006924.D
 Acq On : 03 Dec 2021 18:27
 Operator : SY/MD
 Sample : VSTD02503
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025803

Quant Time: Dec 04 02:11:57 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	192201	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	175837	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	87432	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	62106	20.053	ug/L	0.00
7) Chloroethane-d5	2.766	69	45257	19.704	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.857	63	123285	23.345	ug/L	0.00
21) 2-Butanone-d5	6.887	46	38860	44.452	ug/L	0.00
24) Chloroform-d	7.478	84	109043	22.855	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.143	65	64678	20.978	ug/L	0.00
32) Benzene-d6	8.112	84	217200	22.797	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	65099	23.136	ug/L	0.00
41) Toluene-d8	10.179	98	206170	22.717	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.435	79	33179	22.925	ug/L	0.00
47) 2-Hexanone-d5	10.788	63	28843	46.289	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.556	84	53781	24.188	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.721	152	65588	22.158	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	28131	9.105	ug/L	100
3) Chloromethane	2.113	50	55495	17.163	ug/L	100
5) Vinyl chloride	2.260	62	87920	21.995	ug/L	100
6) Bromomethane	2.662	94	50782	27.056	ug/L	100
8) Chloroethane	2.808	64	49731	21.995	ug/L	100
9) Trichlorofluoromethane	3.131	101	64895	14.113	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.906	101	62598	24.602	ug/L	100
12) 1,1-Dichloroethene	3.869	96	66219	26.466	ug/L	100
13) Acetone	3.942	43	37331	39.700	ug/L	100
14) Carbon disulfide	4.198	76	218651	24.597	ug/L	100
15) Methyl Acetate	4.473	43	43779	27.228	ug/L	100
16) Methylene chloride	4.716	84	76417	22.481	ug/L	100
17) trans-1,2-Dichloroethene	5.222	96	70088	26.092	ug/L	100
18) Methyl tert-butyl Ether	5.216	73	128897	19.626	ug/L	100
19) 1,1-Dichloroethane	6.015	63	132206	26.891	ug/L	100
20) cis-1,2-Dichloroethene	6.984	96	75660	26.749	ug/L	100
22) 2-Butanone	6.984	43	55708	48.895	ug/L	100
23) Bromochloromethane	7.338	128	34705	26.859	ug/L	100
25) Chloroform	7.509	83	133517	25.207	ug/L	100
27) 1,2-Dichloroethane	8.240	62	98111	25.926	ug/L	100
29) Cyclohexane	7.783	56	124561	26.683	ug/L	100
30) 1,1,1-Trichloroethane	7.704	97	116833	25.584	ug/L	100
31) Carbon tetrachloride	7.899	117	112634	26.903	ug/L	100
33) Benzene	8.161	78	302880	27.051	ug/L	100
34) Trichloroethene	8.941	95	74802	26.522	ug/L	100
35) Methylcyclohexane	9.185	83	134928	27.196	ug/L	100
37) 1,2-Dichloropropane	9.216	63	75780	27.992	ug/L	100
38) Bromodichloromethane	9.496	83	100820	27.343	ug/L	100
39) cis-1,3-Dichloropropene	9.929	75	121683	28.398	ug/L	100
40) 4-Methyl-2-pentanone	10.069	43	128684	58.771	ug/L	100
42) Toluene	10.246	91	331091	27.354	ug/L	100
44) trans-1,3-Dichloropropene	10.465	75	114798	28.343	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120321\
 Data File : VY006924.D
 Acq On : 03 Dec 2021 18:27
 Operator : SY/MD
 Sample : VSTD02503
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025803

Quant Time: Dec 04 02:11:57 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

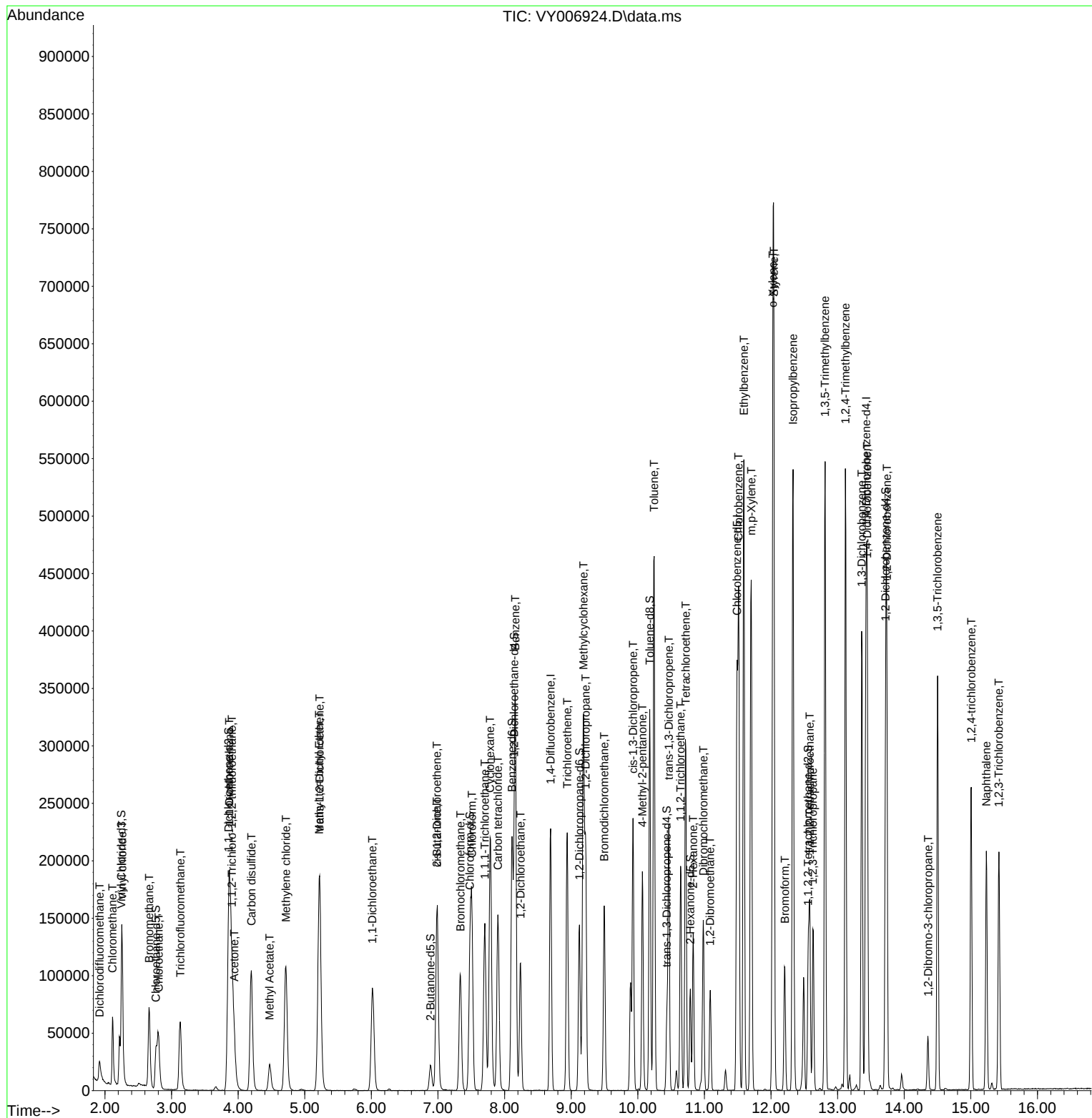
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.642	97	56577	28.293	ug/L	100
46) Tetrachloroethene	10.721	164	64782	27.436	ug/L	100
48) 2-Hexanone	10.831	43	86166	52.720	ug/L	100
49) Dibromochloromethane	10.984	129	69808	27.968	ug/L	100
50) 1,2-Dibromoethane	11.087	107	53567	28.627	ug/L	100
51) Chlorobenzene	11.514	112	201995	27.439	ug/L	100
52) Ethylbenzene	11.593	91	359469	27.750	ug/L	100
53) m,p-Xylene	11.703	106	133872	27.154	ug/L	100
54) o-Xylene	12.026	106	128279	27.183	ug/L	100
55) Styrene	12.044	104	229257	27.780	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.581	83	69293	30.765	ug/L	100
59) Bromoform	12.209	173	46391	29.433	ug/L	100
60) Isopropylbenzene	12.331	105	336862	27.374	ug/L	100
61) 1,2,3-Trichloropropane	12.630	75	52813	28.874	ug/L	100
62) 1,3,5-Trimethylbenzene	12.813	105	277972	27.784	ug/L	100
63) 1,2,4-Trimethylbenzene	13.117	105	277829	28.079	ug/L	100
64) 1,3-Dichlorobenzene	13.361	146	150268	27.253	ug/L	100
65) 1,4-Dichlorobenzene	13.447	146	150994	27.224	ug/L	100
67) 1,2-Dichlorobenzene	13.739	146	134571	26.922	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.361	75	10722	25.288	ug/L	100
69) 1,3,5-Trichlorobenzene	14.501	180	102046	26.507	ug/L	100
70) 1,2,4-trichlorobenzene	15.007	180	81106	26.137	ug/L	100
71) Naphthalene	15.233	128	163308	26.829	ug/L	100
72) 1,2,3-Trichlorobenzene	15.422	180	68132	25.527	ug/L	100

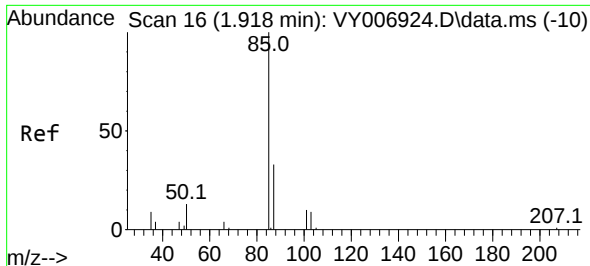
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120321\
Data File : VY006924.D
Acq On : 03 Dec 2021 18:27
Operator : SY/MD
Sample : VSTD02503
Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025803

Quant Time: Dec 04 02:11:57 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

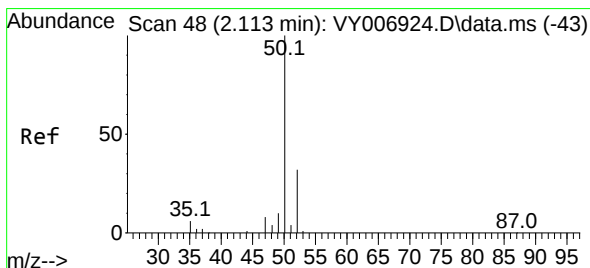
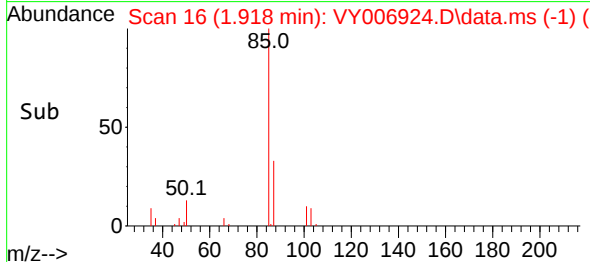
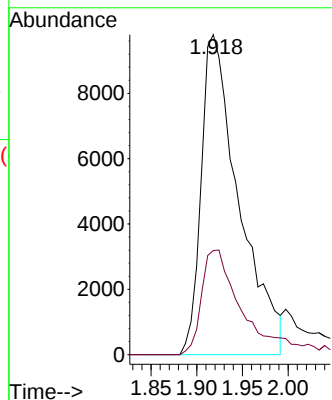
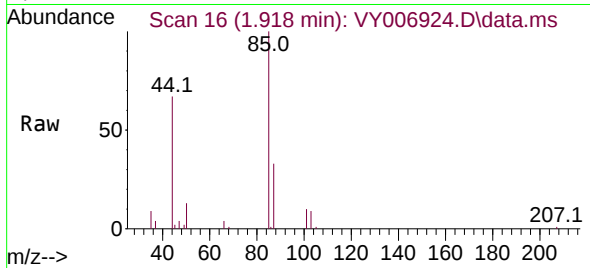




#2
 Dichlorodifluoromethane
 Concen: 9.105 ug/L
 RT: 1.918 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: VY006924.D
 Acq: 03 Dec 2021 18:27

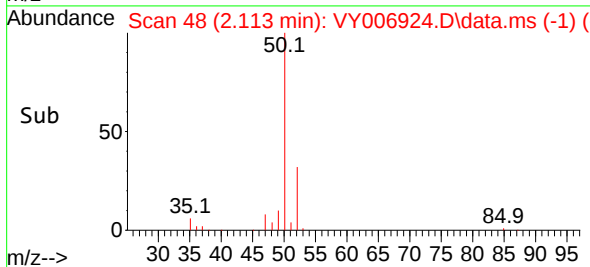
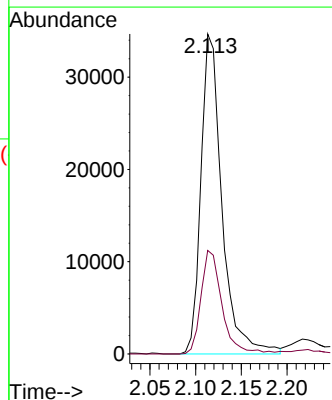
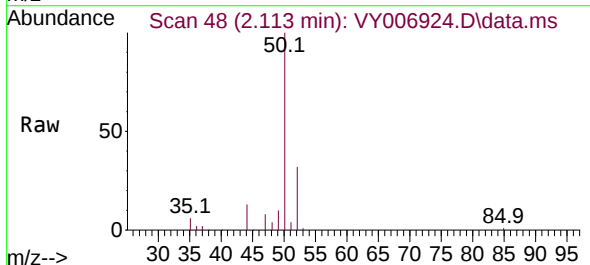
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025803

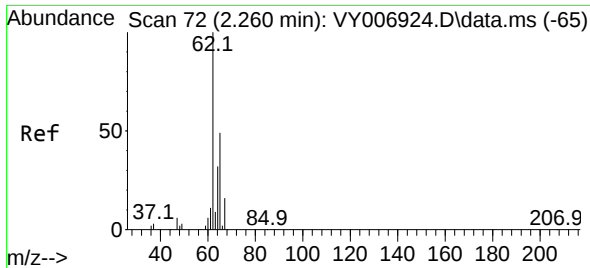
Tgt Ion: 85 Resp: 28131
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.3 39.5



#3
 Chloromethane
 Concen: 17.163 ug/L
 RT: 2.113 min Scan# 48
 Delta R.T. 0.000 min
 Lab File: VY006924.D
 Acq: 03 Dec 2021 18:27

Tgt Ion: 50 Resp: 55495
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.7 42.1

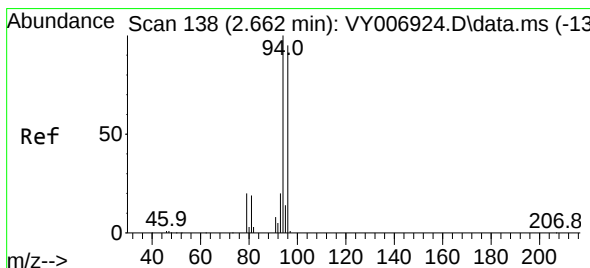
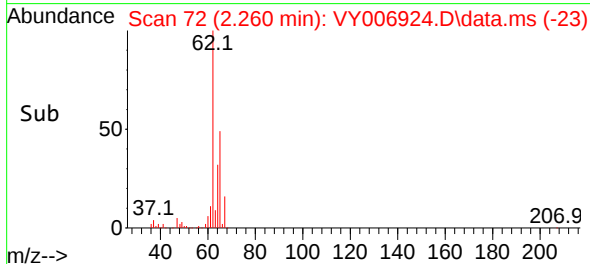
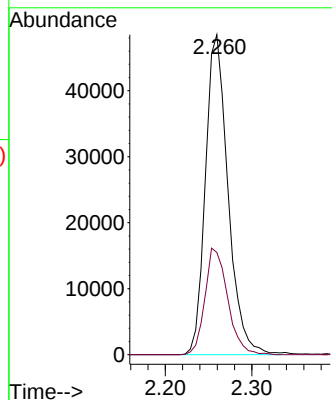
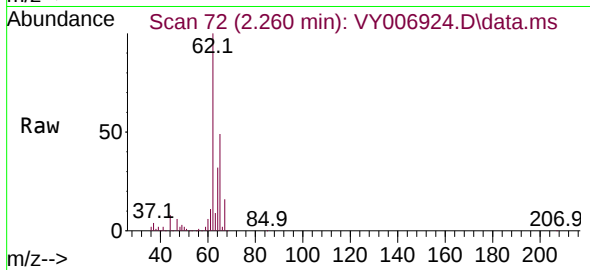




#5
 Vinyl chloride
 Concen: 21.995 ug/L
 RT: 2.260 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: VY006924.D
 Acq: 03 Dec 2021 18:27

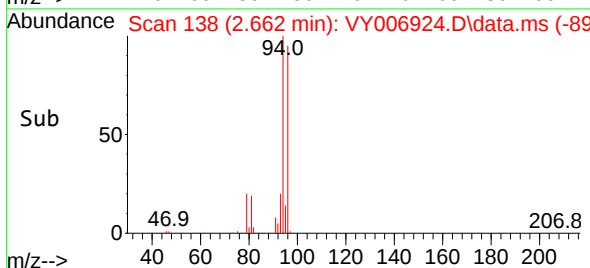
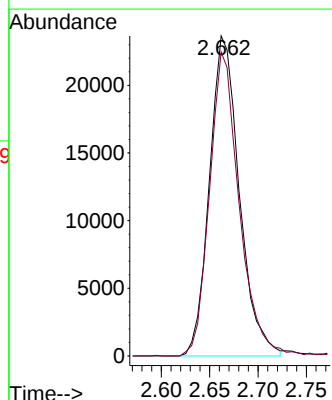
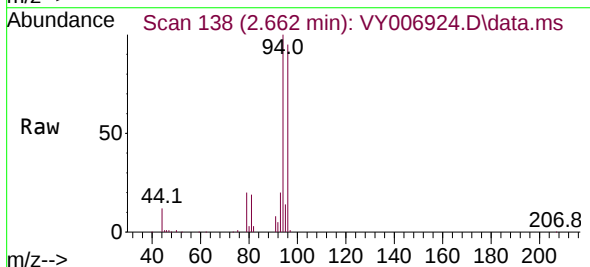
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025803

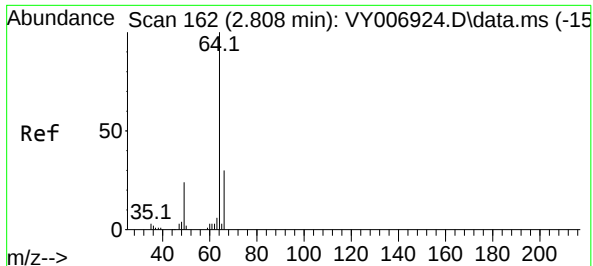
Tgt Ion: 62 Resp: 87920
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.4 41.6



#6
 Bromomethane
 Concen: 27.056 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VY006924.D
 Acq: 03 Dec 2021 18:27

Tgt Ion: 94 Resp: 50782
 Ion Ratio Lower Upper
 94 100
 96 95.0 66.5 123.5

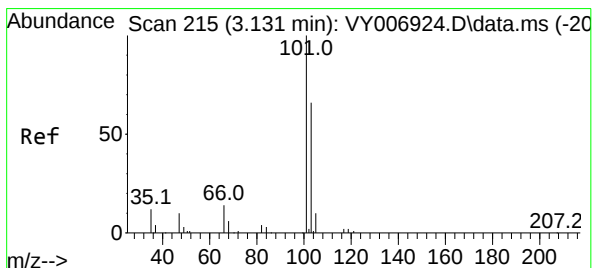
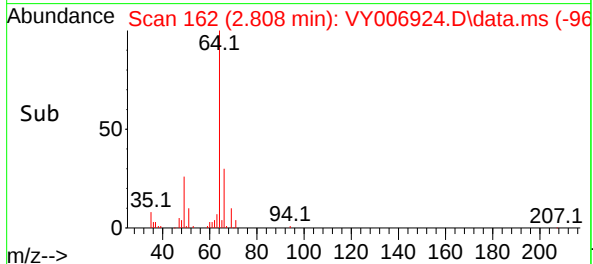
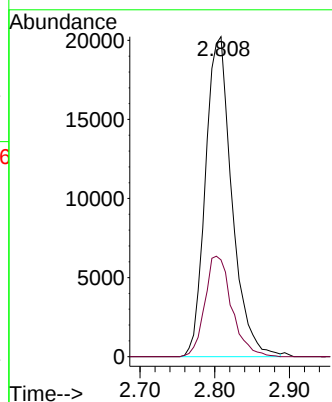
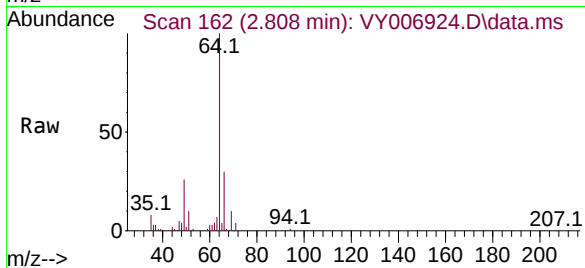




#8
Chloroethane
Concen: 21.995 ug/L
RT: 2.808 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

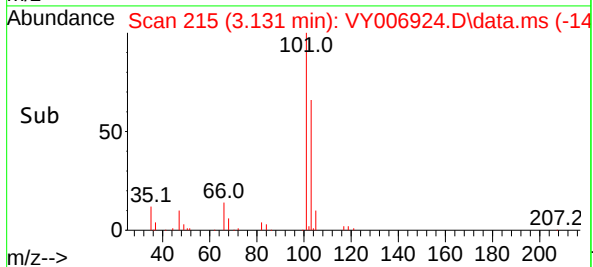
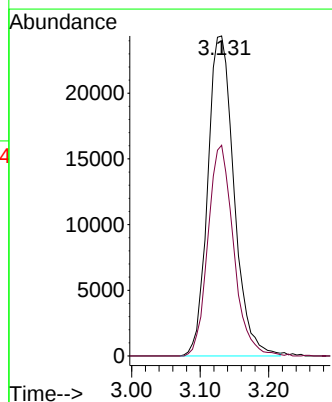
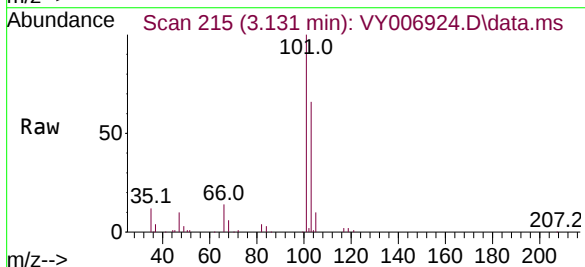
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025803

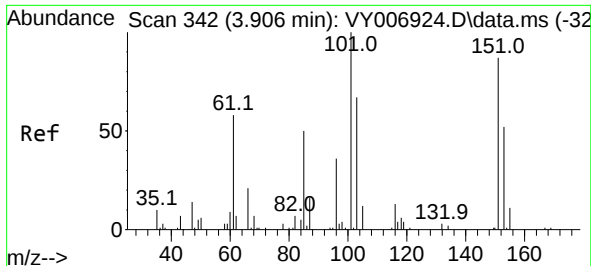
Tgt Ion: 64 Resp: 49731
Ion Ratio Lower Upper
64 100
66 30.2 21.1 39.3



#9
Trichlorofluoromethane
Concen: 14.113 ug/L
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

Tgt Ion:101 Resp: 64895
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9

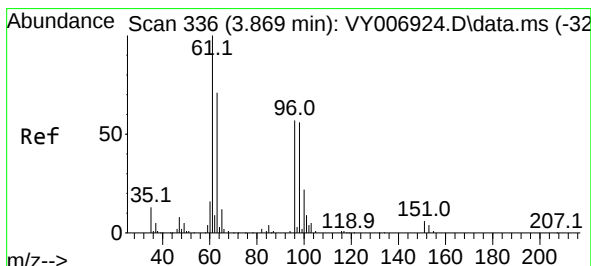
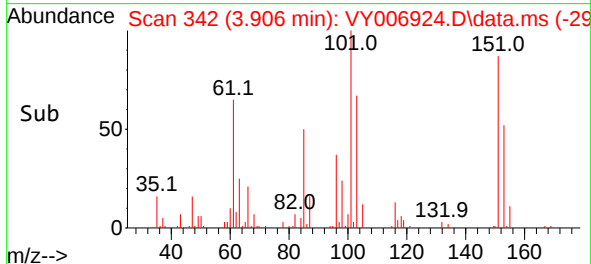
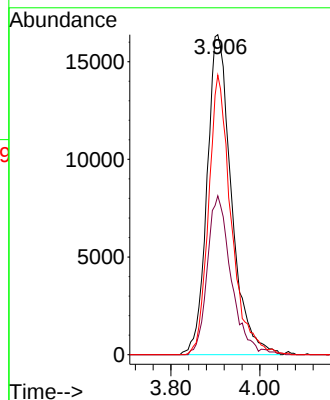
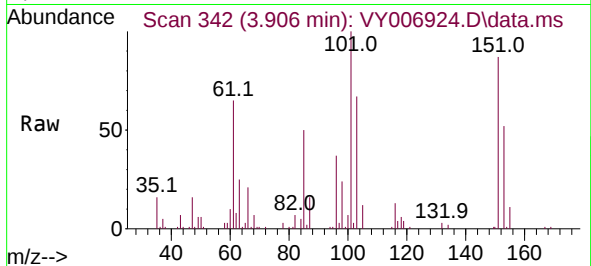




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.602 ug/L
 RT: 3.906 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VY006924.D
 Acq: 03 Dec 2021 18:27

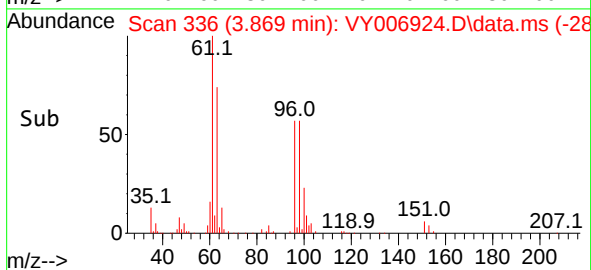
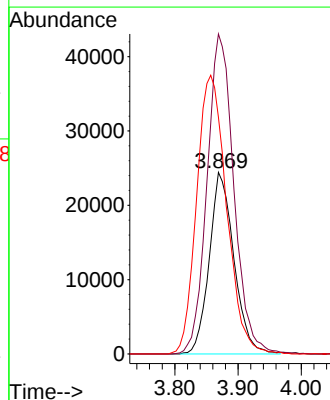
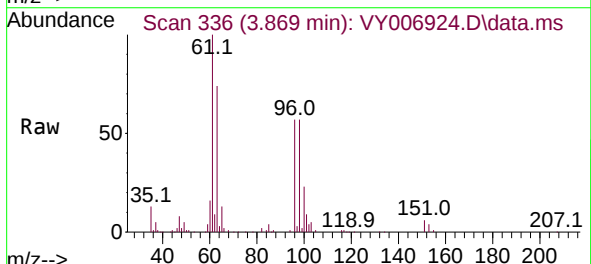
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025803

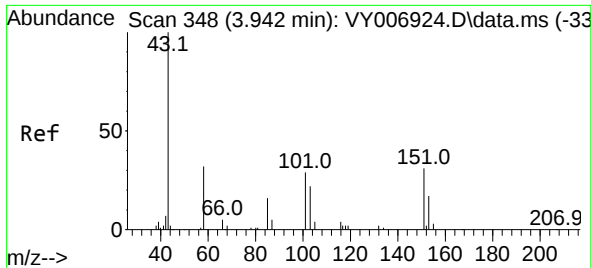
Tgt Ion:101 Resp: 62598
 Ion Ratio Lower Upper
 101 100
 85 47.7 38.2 57.2
 151 80.3 64.2 96.4



#12
 1,1-Dichloroethene
 Concen: 26.466 ug/L
 RT: 3.869 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VY006924.D
 Acq: 03 Dec 2021 18:27

Tgt Ion: 96 Resp: 66219
 Ion Ratio Lower Upper
 96 100
 61 176.2 123.3 229.1
 63 130.3 91.2 169.4





#13

Acetone

Concen: 39.700 ug/L

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

Instrument :

MSVOA_Y

ClientSampleId :

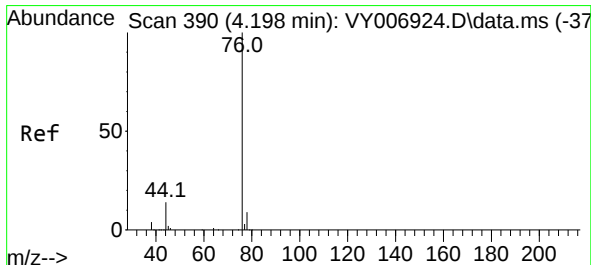
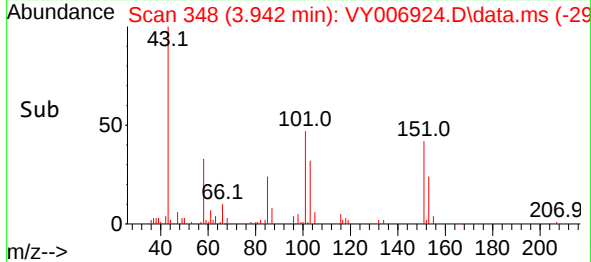
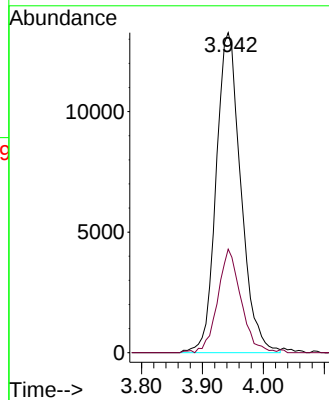
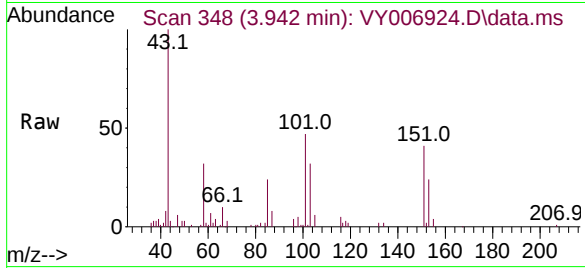
VSTD025803

Tgt Ion: 43 Resp: 37331

Ion Ratio Lower Upper

43 100

58 30.4 0.0 60.8



#14

Carbon disulfide

Concen: 24.597 ug/L

RT: 4.198 min Scan# 390

Delta R.T. 0.000 min

Lab File: VY006924.D

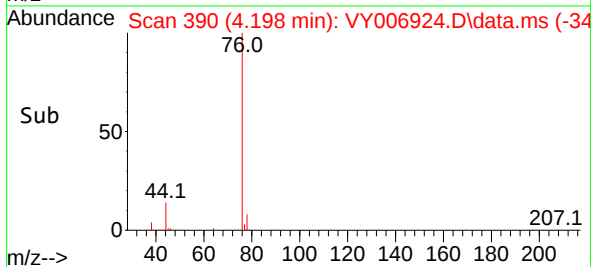
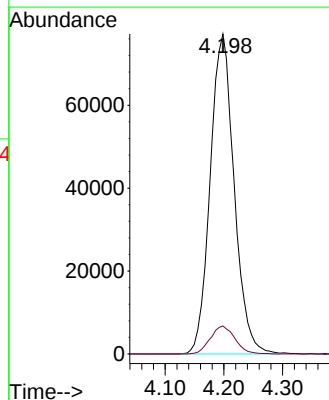
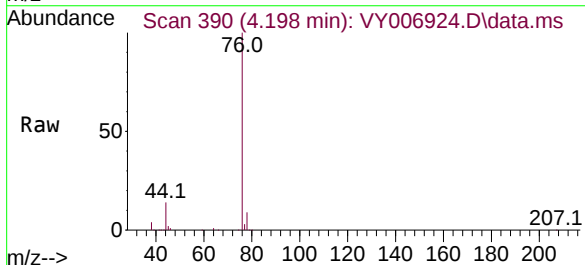
Acq: 03 Dec 2021 18:27

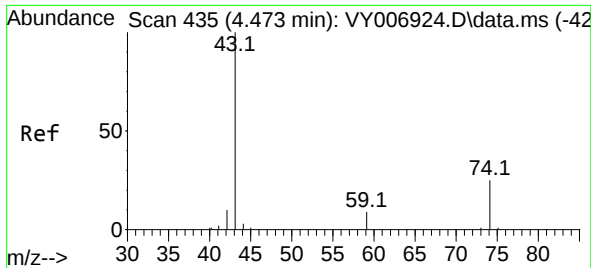
Tgt Ion: 76 Resp: 218651

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4

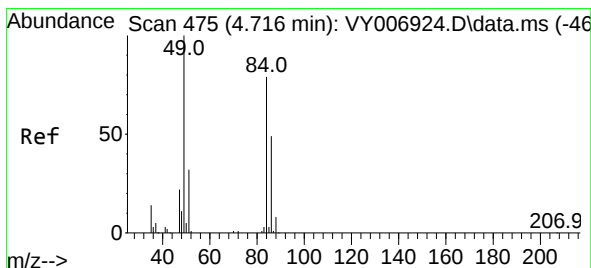
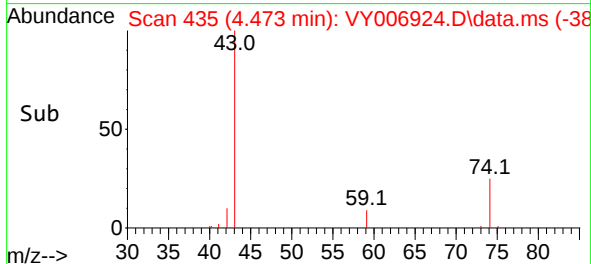
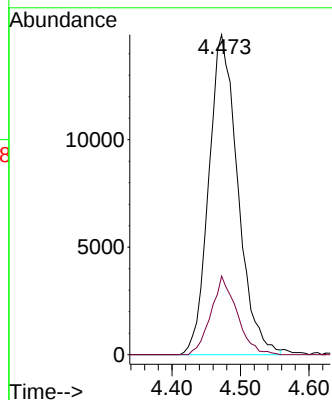
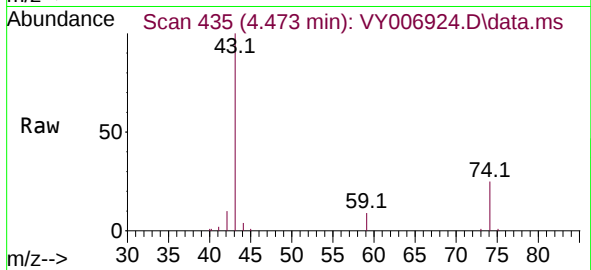




#15
Methyl Acetate
Concen: 27.228 ug/L
RT: 4.473 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

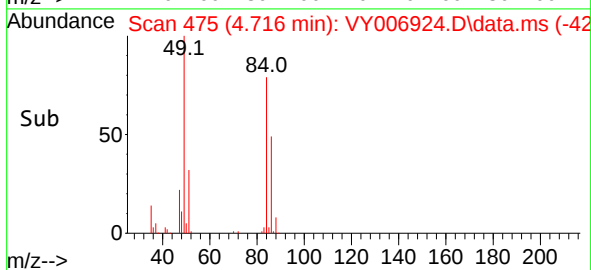
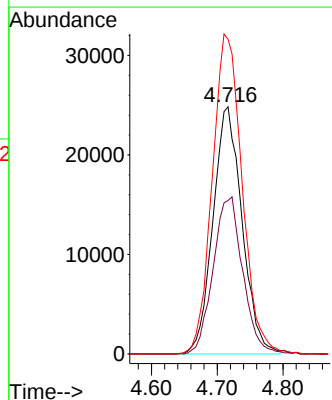
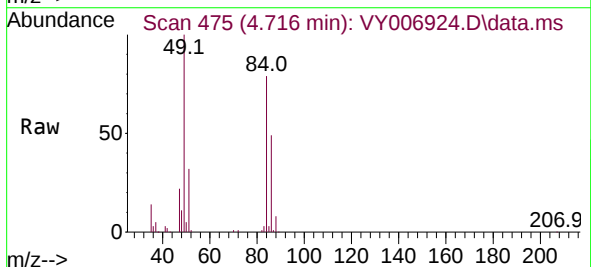
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025803

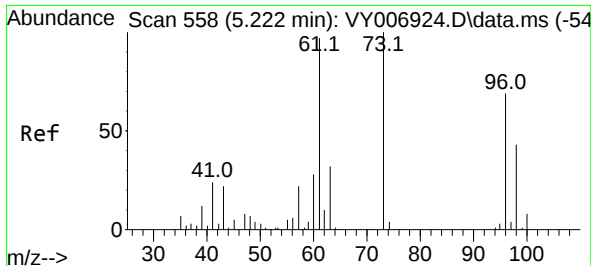
Tgt Ion: 43 Resp: 43779
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.2



#16
Methylene chloride
Concen: 22.481 ug/L
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

Tgt Ion: 84 Resp: 76417
Ion Ratio Lower Upper
84 100
86 62.0 43.4 80.6
49 127.3 89.1 165.5





#17

trans-1,2-Dichloroethene

Concen: 26.092 ug/L

RT: 5.222 min Scan# 558

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025803

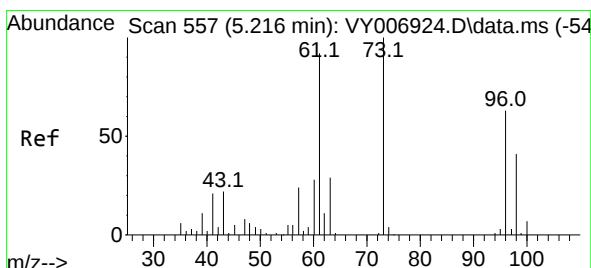
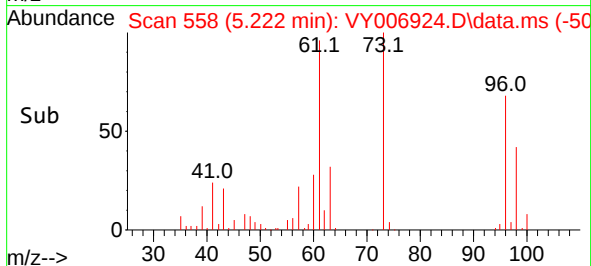
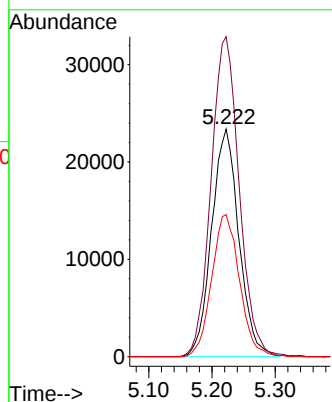
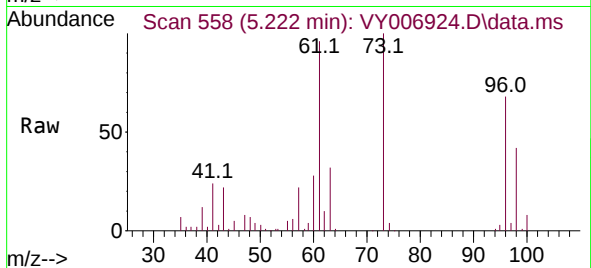
Tgt Ion: 96 Resp: 70088

Ion Ratio Lower Upper

96 100

61 140.7 98.5 182.9

98 62.4 43.7 81.1



#18

Methyl tert-butyl Ether

Concen: 19.626 ug/L

RT: 5.216 min Scan# 557

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

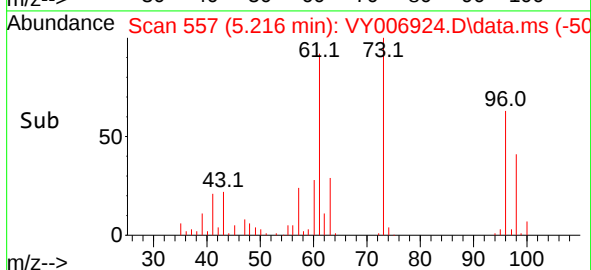
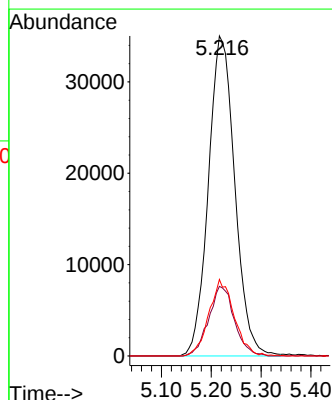
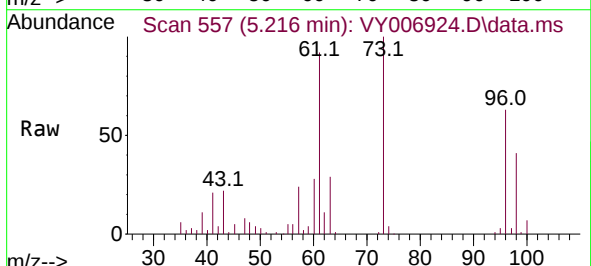
Tgt Ion: 73 Resp: 128897

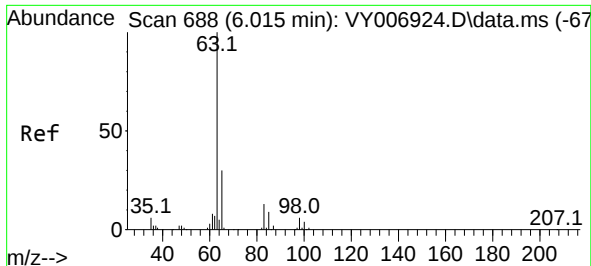
Ion Ratio Lower Upper

73 100

43 21.1 16.9 25.3

57 22.6 18.1 27.1





#19

1,1-Dichloroethane

Concen: 26.891 ug/L

RT: 6.015 min Scan# 61

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025803

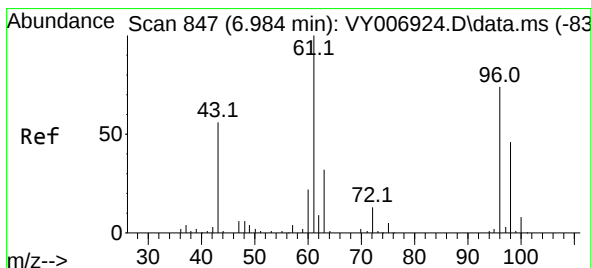
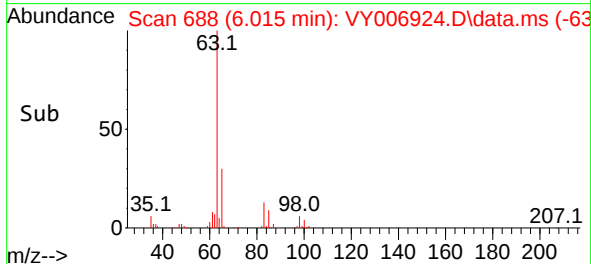
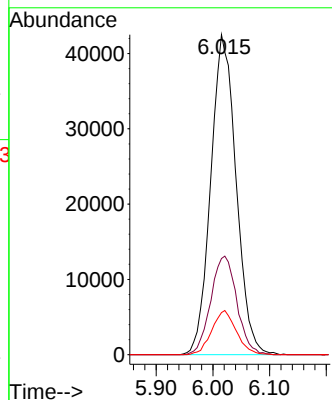
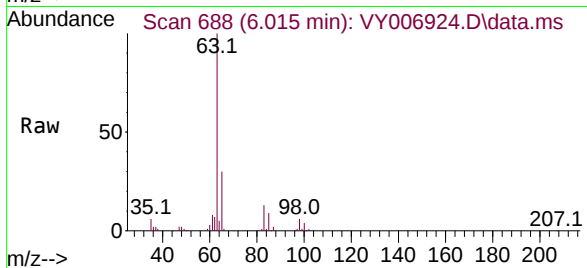
Tgt Ion: 63 Resp: 132206

Ion Ratio Lower Upper

63 100

65 30.0 21.0 39.0

83 13.2 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 26.749 ug/L

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

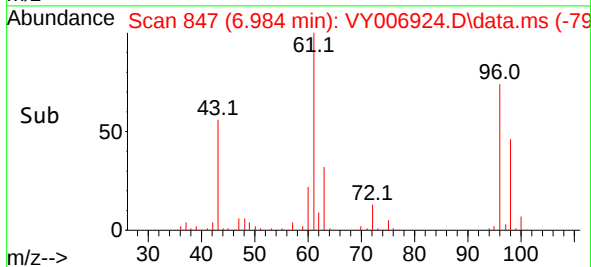
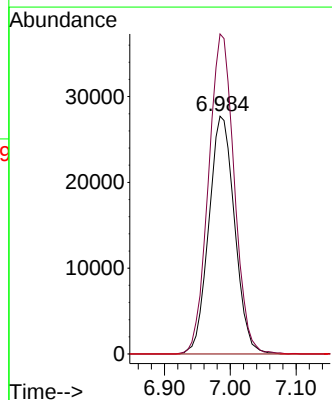
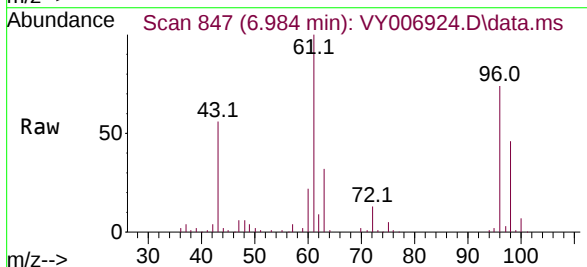
Tgt Ion: 96 Resp: 75660

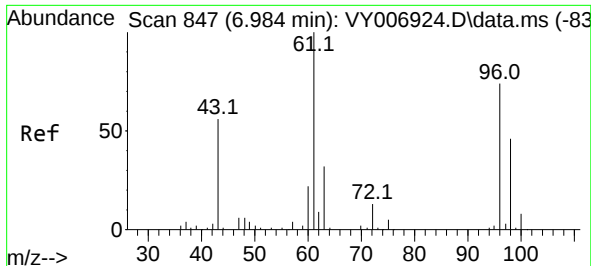
Ion Ratio Lower Upper

96 100

61 134.6 94.2 175.0

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 48.895 ug/L

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

Instrument :

MSVOA_Y

ClientSampleId :

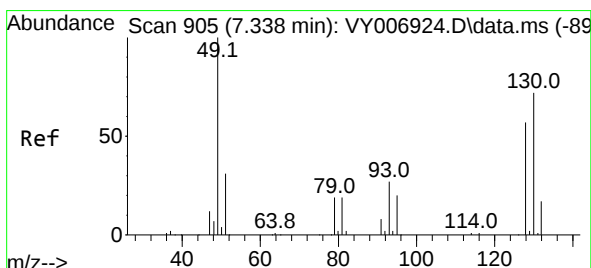
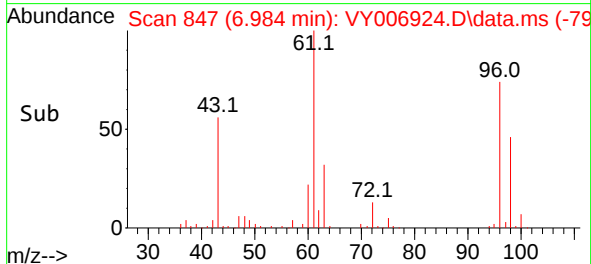
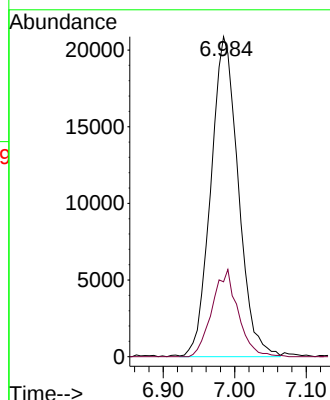
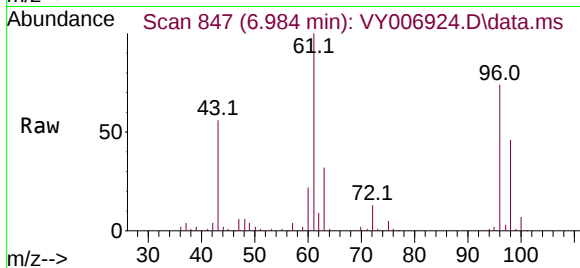
VSTD025803

Tgt Ion: 43 Resp: 55708

Ion Ratio Lower Upper

43 100

72 25.7 12.9 38.6



#23

Bromochloromethane

Concen: 26.859 ug/L

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

Tgt Ion: 128 Resp: 34705

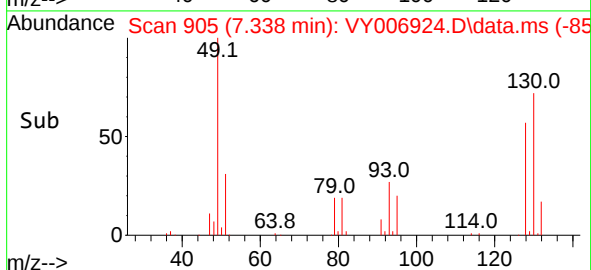
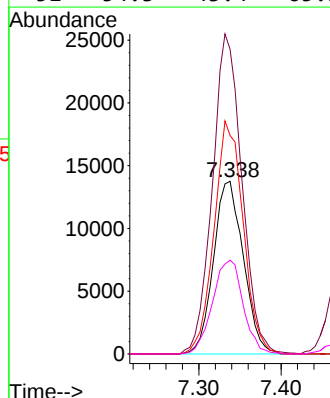
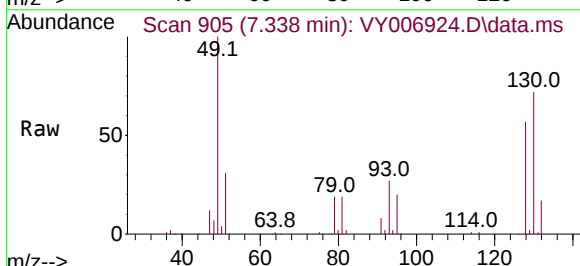
Ion Ratio Lower Upper

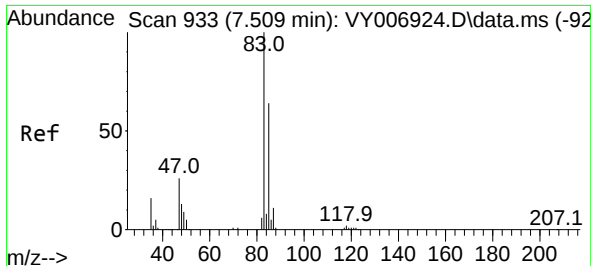
128 100

49 176.4 123.5 229.3

130 126.5 88.5 164.4

51 54.3 43.4 65.2

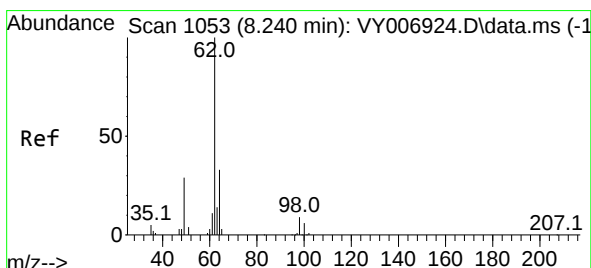
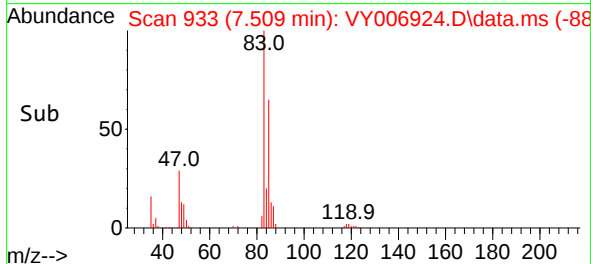
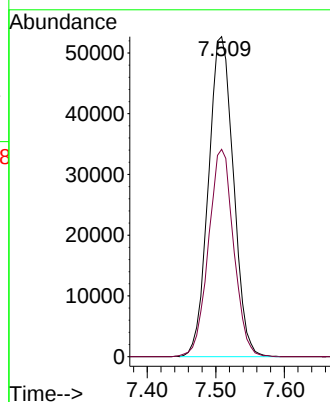
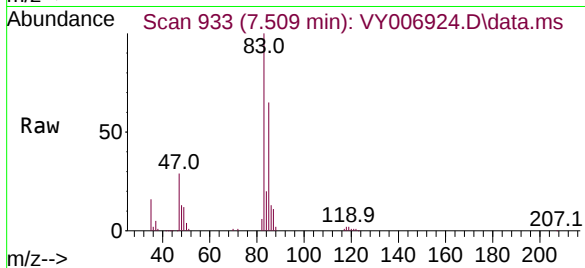




#25
Chloroform
Concen: 25.207 ug/L
RT: 7.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

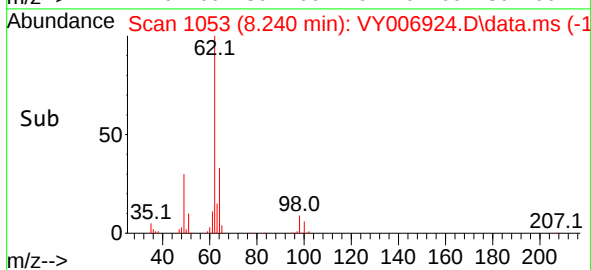
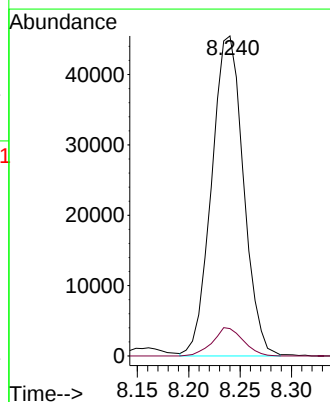
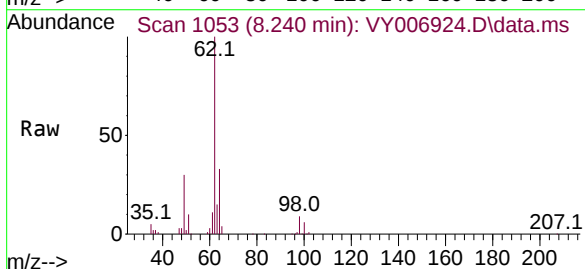
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025803

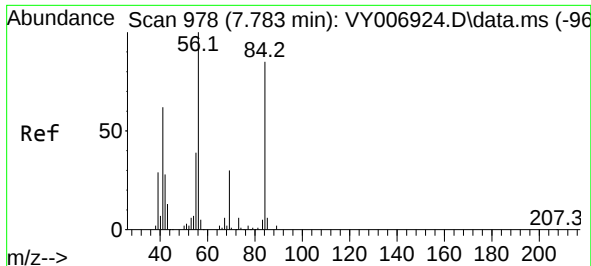
Tgt Ion: 83 Resp: 133517
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.2



#27
1,2-Dichloroethane
Concen: 25.926 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

Tgt Ion: 62 Resp: 98111
Ion Ratio Lower Upper
62 100
98 8.6 6.9 10.3





#29

Cyclohexane

Concen: 26.683 ug/L

RT: 7.783 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025803

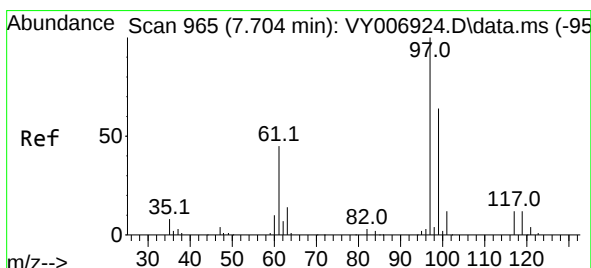
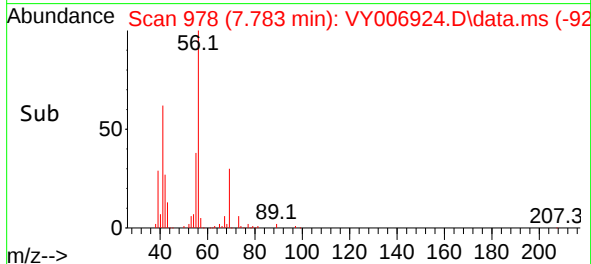
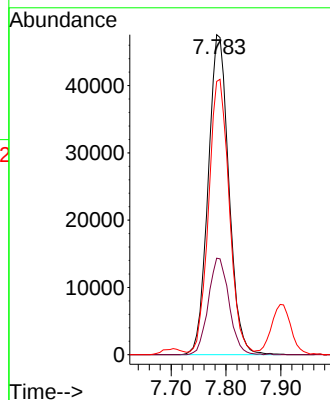
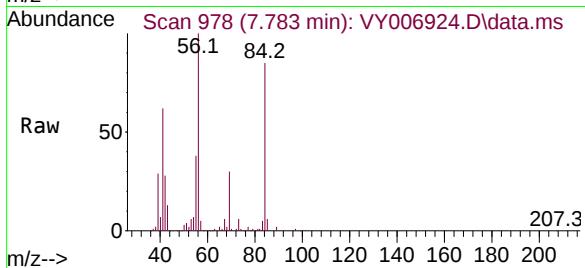
Tgt Ion: 56 Resp: 124561

Ion Ratio Lower Upper

56 100

69 30.1 24.1 36.1

84 84.7 67.8 101.6



#30

1,1,1-Trichloroethane

Concen: 25.584 ug/L

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

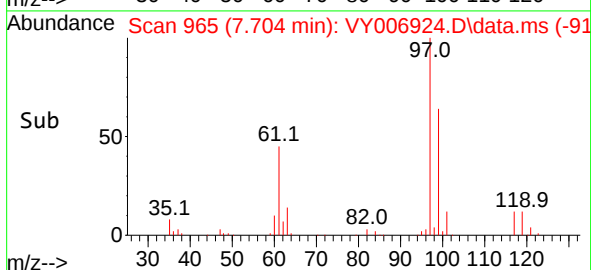
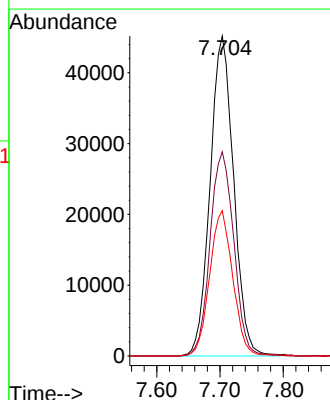
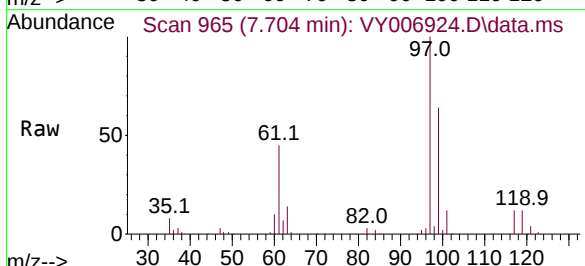
Tgt Ion: 97 Resp: 116833

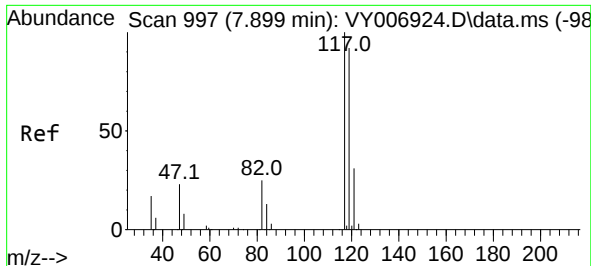
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.2

61 44.6 35.7 53.5

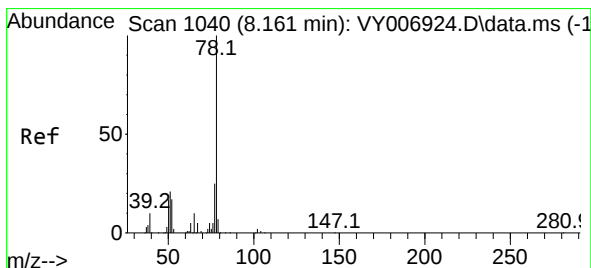
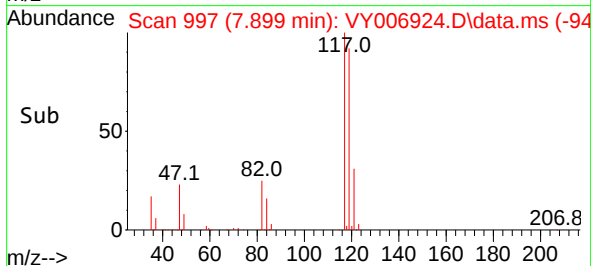
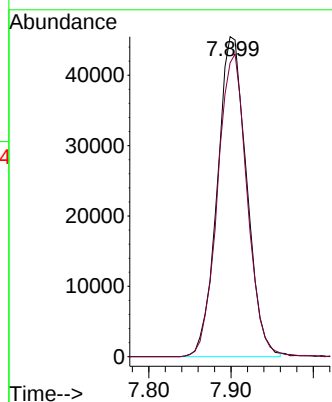
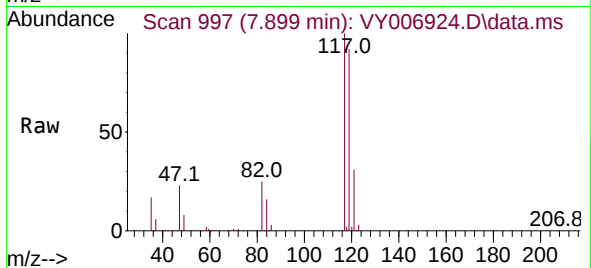




#31
Carbon tetrachloride
Concen: 26.903 ug/L
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

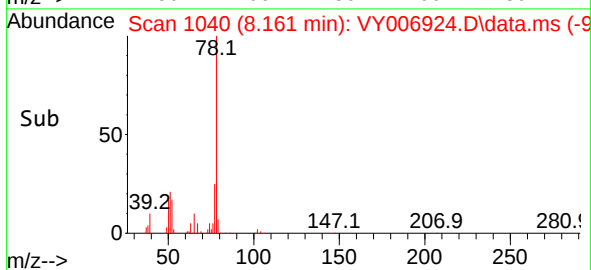
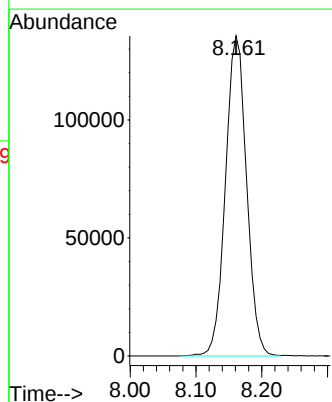
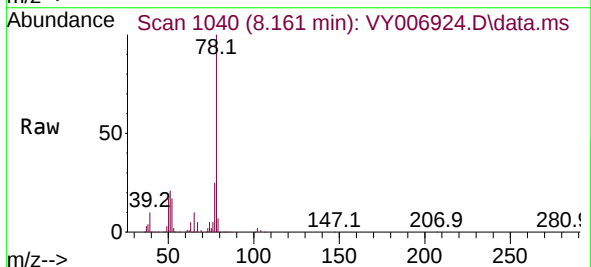
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025803

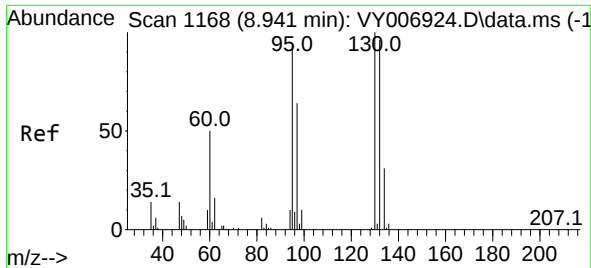
Tgt Ion:117 Resp: 112634
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6



#33
Benzene
Concen: 27.051 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

Tgt Ion: 78 Resp: 302880



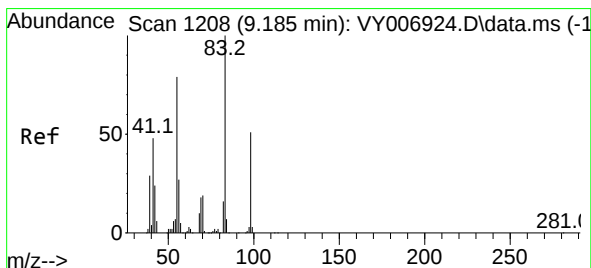
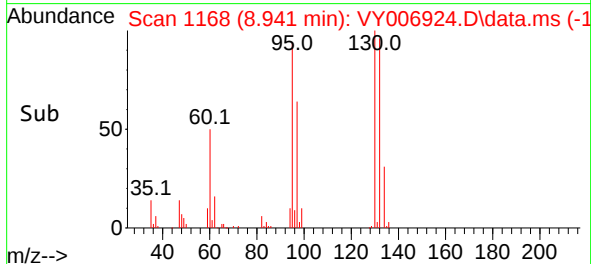
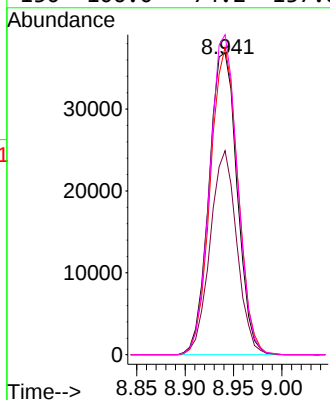
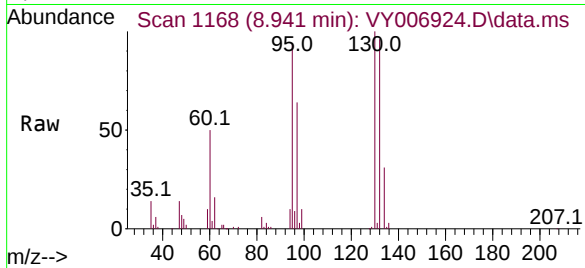


#34
 Trichloroethene
 Concen: 26.522 ug/L
 RT: 8.941 min Scan# 1168
 Delta R.T. 0.000 min
 Lab File: VY006924.D
 Acq: 03 Dec 2021 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025803

Tgt Ion: 95 Resp: 74802

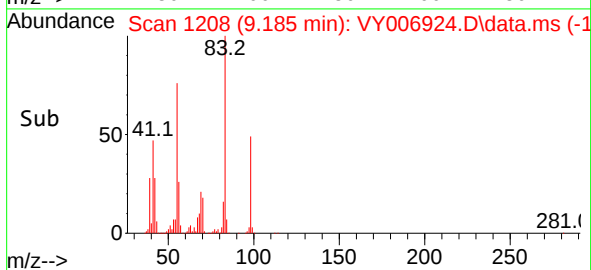
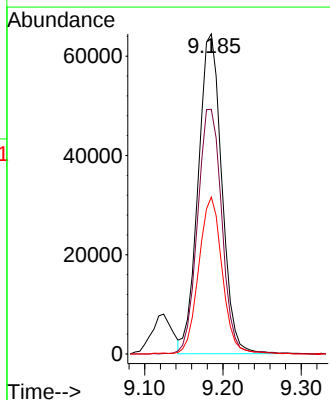
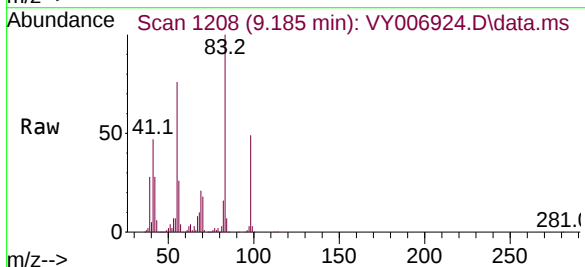
Ion	Ratio	Lower	Upper
95	100		
97	67.5	47.3	87.8
132	101.9	71.3	132.5
130	106.0	74.2	137.8

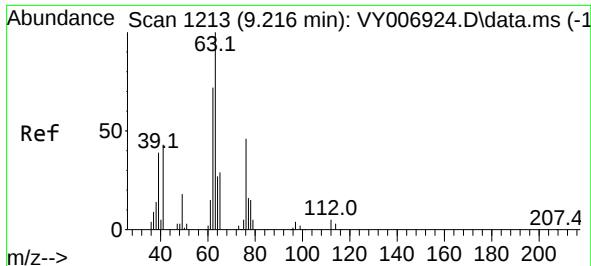


#35
 Methylcyclohexane
 Concen: 27.196 ug/L
 RT: 9.185 min Scan# 1208
 Delta R.T. 0.000 min
 Lab File: VY006924.D
 Acq: 03 Dec 2021 18:27

Tgt Ion: 83 Resp: 134928

Ion	Ratio	Lower	Upper
83	100		
55	78.3	62.6	94.0
98	48.9	39.1	58.7





#37

1,2-Dichloropropane

Concen: 27.992 ug/L

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

Instrument :

MSVOA_Y

ClientSampleId :

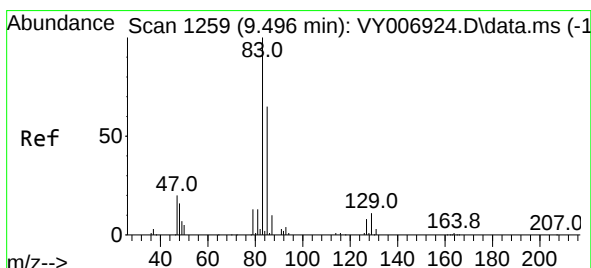
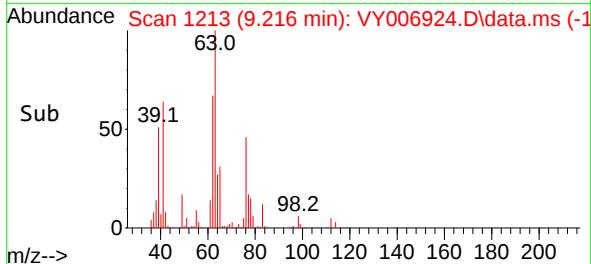
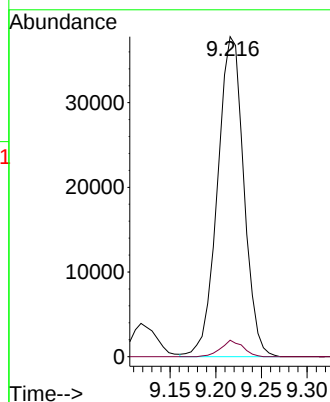
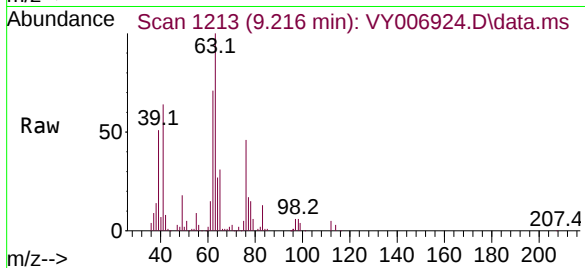
VSTD025803

Tgt Ion: 63 Resp: 75780

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 27.343 ug/L

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

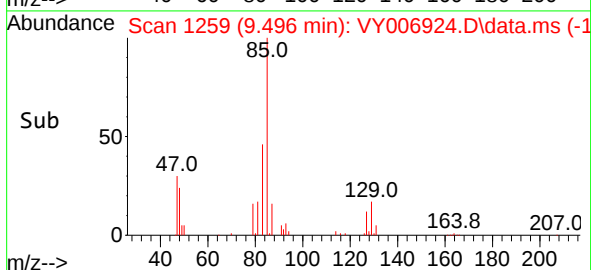
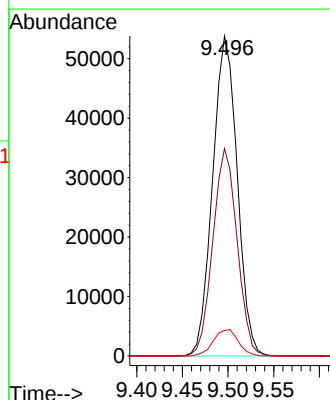
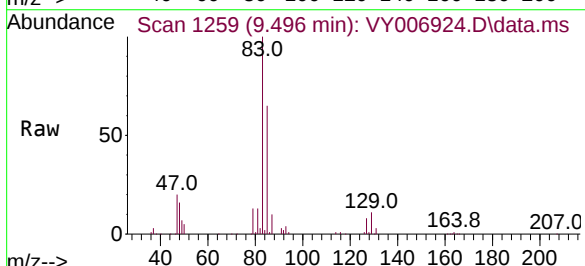
Tgt Ion: 83 Resp: 100820

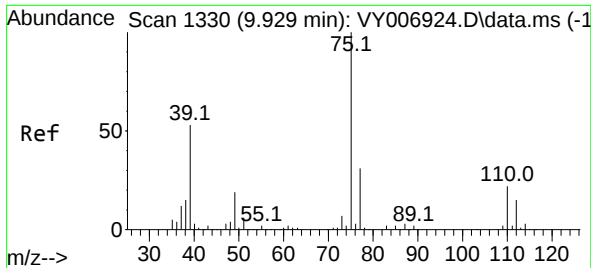
Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 28.398 ug/L

RT: 9.929 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

Instrument :

MSVOA_Y

ClientSampleId :

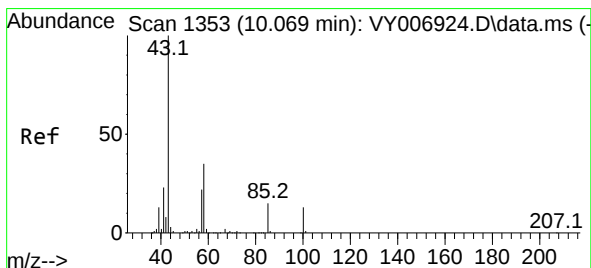
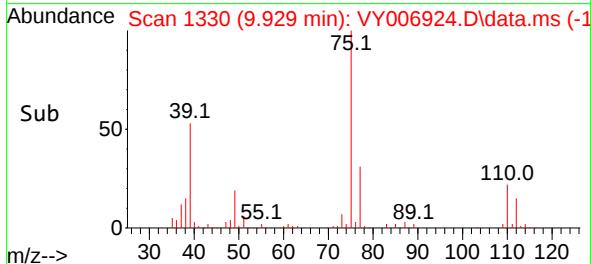
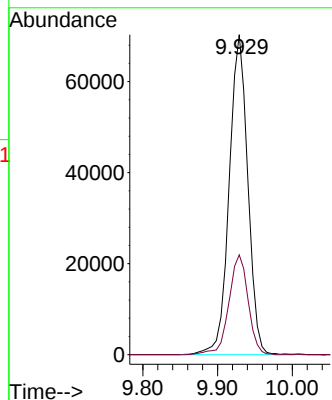
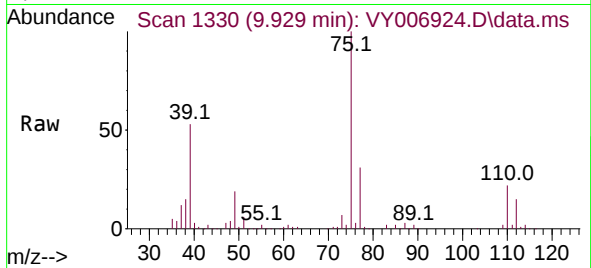
VSTD025803

Tgt Ion: 75 Resp: 121683

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 58.771 ug/L

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

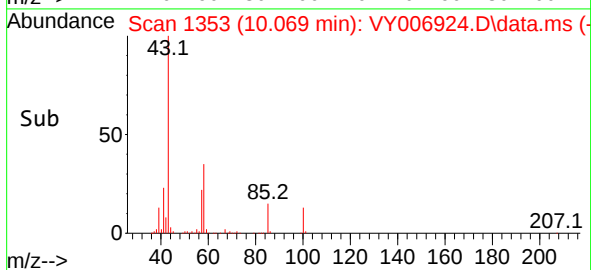
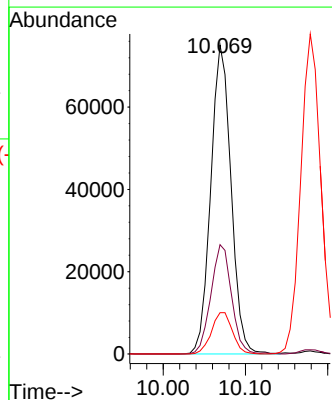
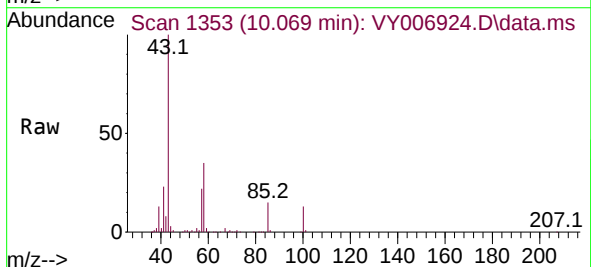
Tgt Ion: 43 Resp: 128684

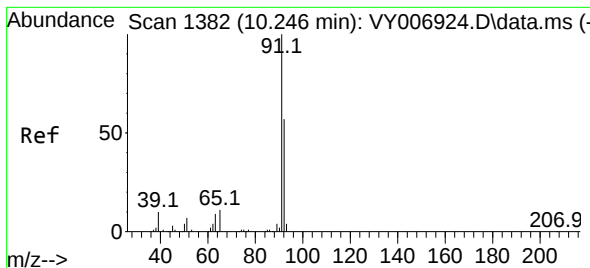
Ion Ratio Lower Upper

43 100

58 35.8 28.6 43.0

100 13.9 11.1 16.7





#42

Toluene

Concen: 27.354 ug/L

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

Instrument :

MSVOA_Y

ClientSampleId :

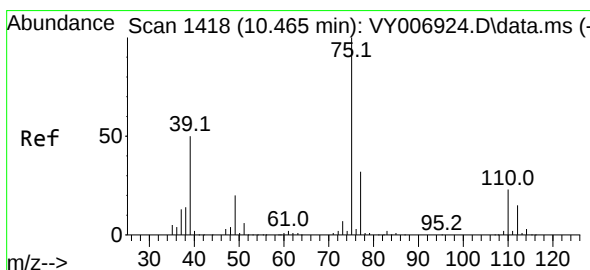
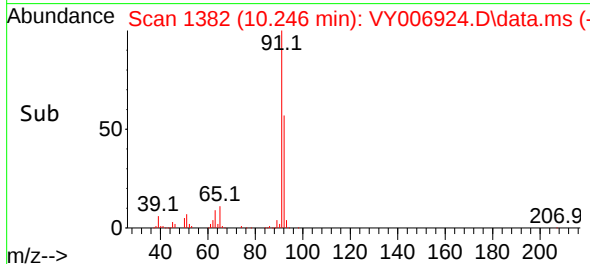
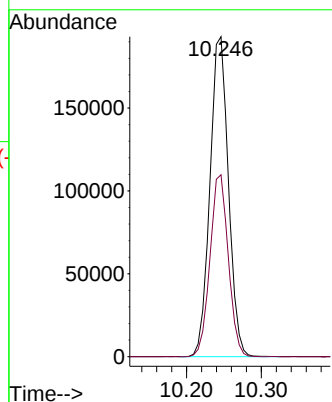
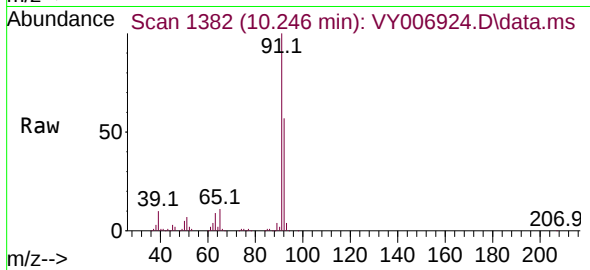
VSTD025803

Tgt Ion: 91 Resp: 331091

Ion Ratio Lower Upper

91 100

92 56.9 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 28.343 ug/L

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY006924.D

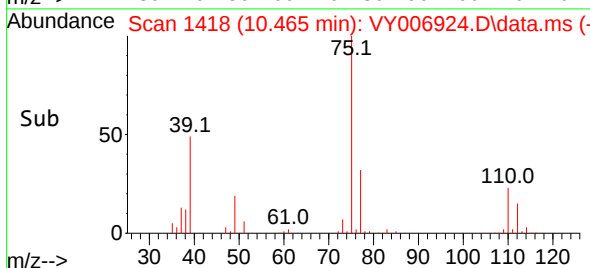
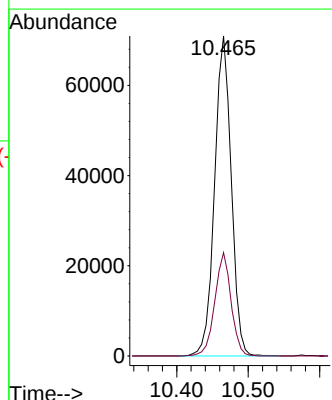
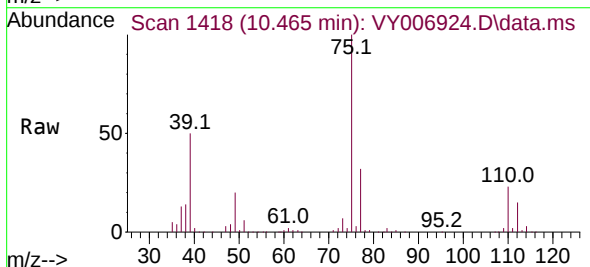
Acq: 03 Dec 2021 18:27

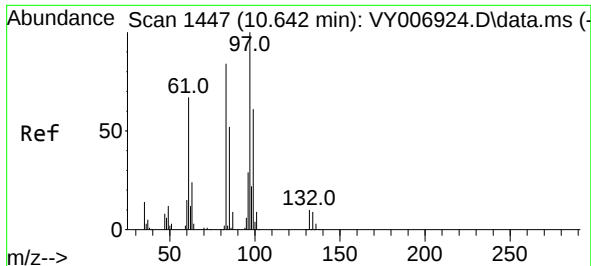
Tgt Ion: 75 Resp: 114798

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0

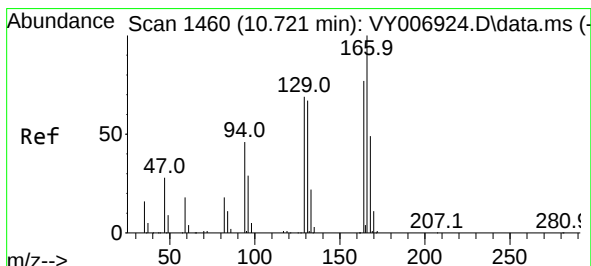
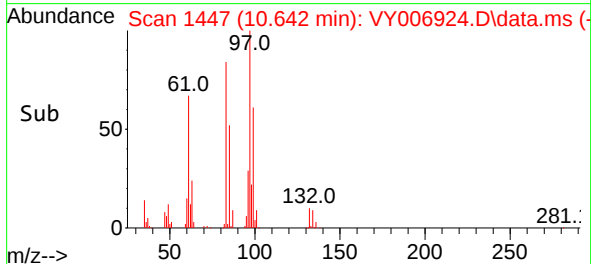
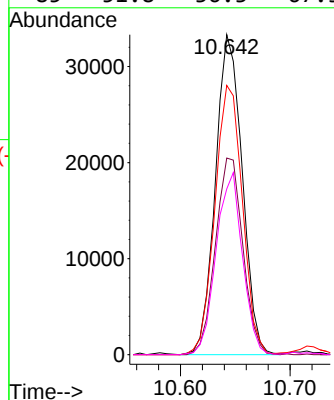
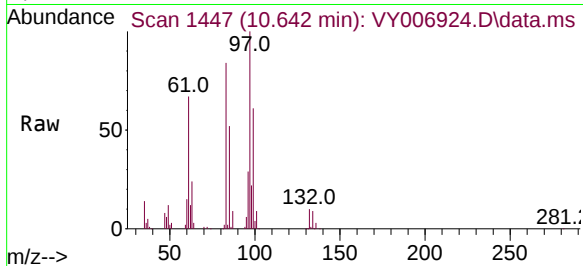




#45
1,1,2-Trichloroethane
Concen: 28.293 ug/L
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

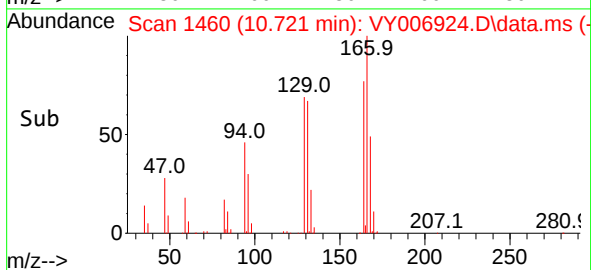
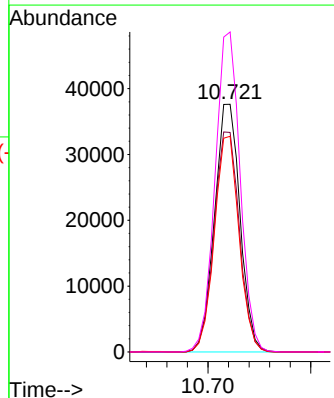
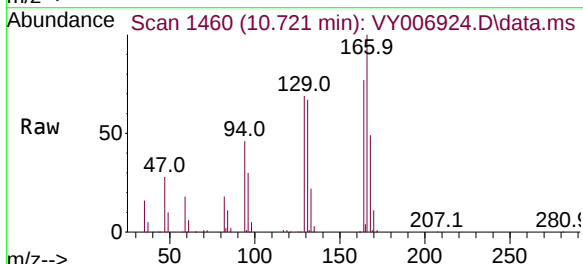
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025803

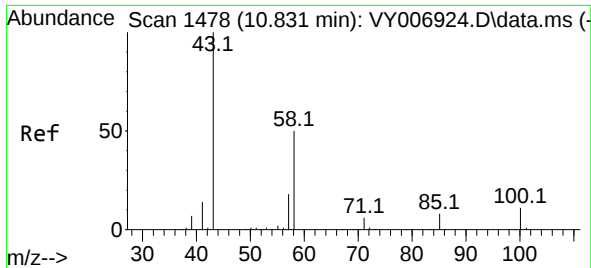
Tgt Ion: 97	Resp: 56577
Ion Ratio	Lower Upper
97 100	
99 61.4	43.0 79.8
83 84.1	58.9 109.3
85 51.8	36.3 67.3



#46
Tetrachloroethene
Concen: 27.436 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

Tgt	Ion:164	Resp:	64782
Ion	Ratio	Lower	Upper
164	100		
129	88.7	62.1	115.3
131	87.1	61.0	113.2
166	129.2	90.4	168.0

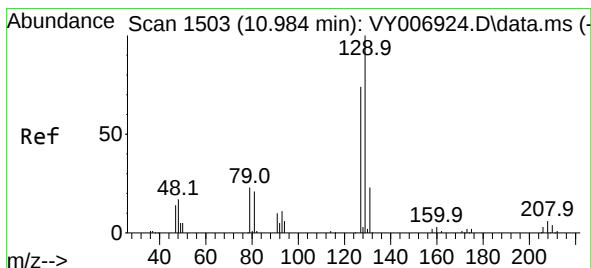
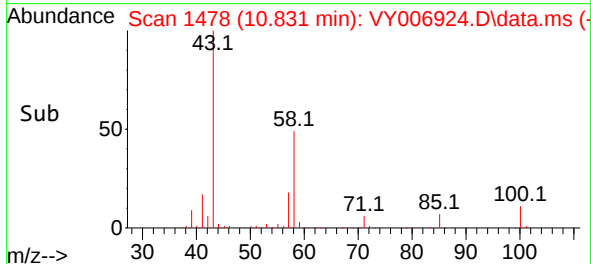
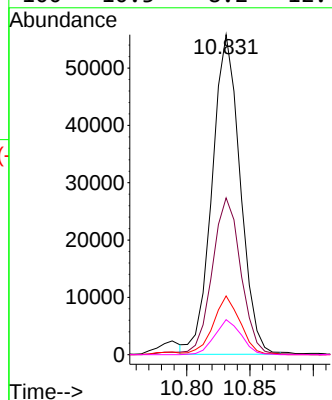
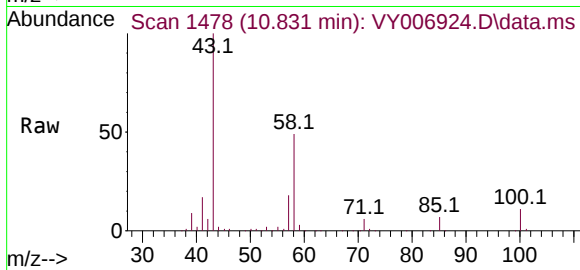




#48
2-Hexanone
Concen: 52.720 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

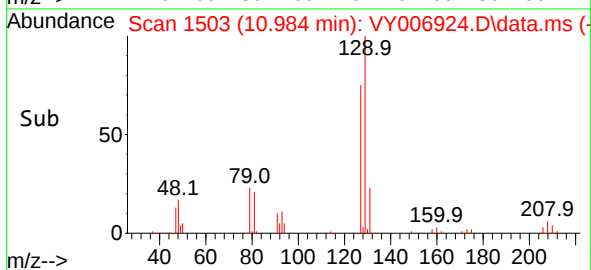
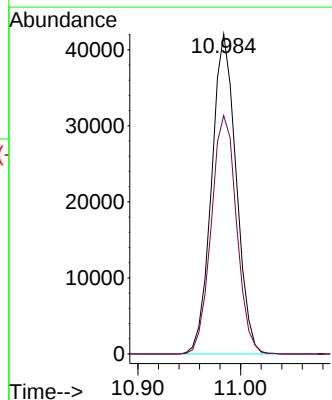
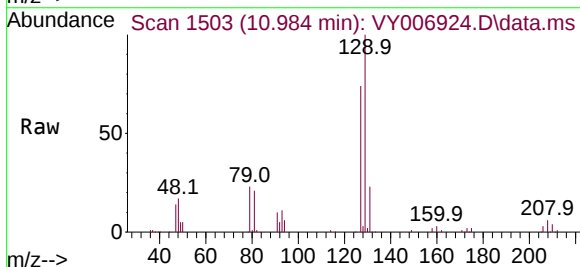
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025803

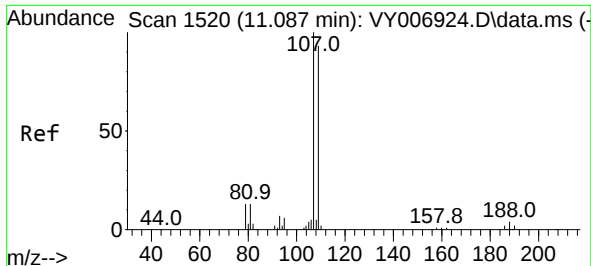
Tgt Ion:	43	Resp:	86166
Ion	Ratio	Lower	Upper
43	100		
58	49.9	39.9	59.9
57	17.8	14.2	21.4
100	10.3	8.2	12.4



#49
Dibromochloromethane
Concen: 27.968 ug/L
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

Tgt Ion:	129	Resp:	69808
Ion	Ratio	Lower	Upper
129	100		
127	74.5	52.1	96.9

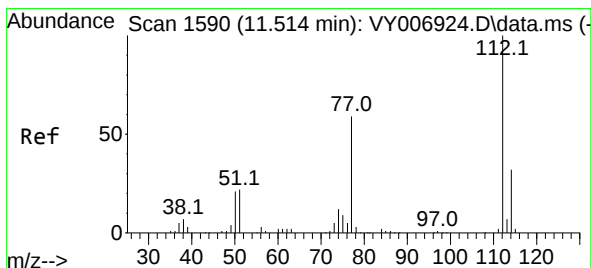
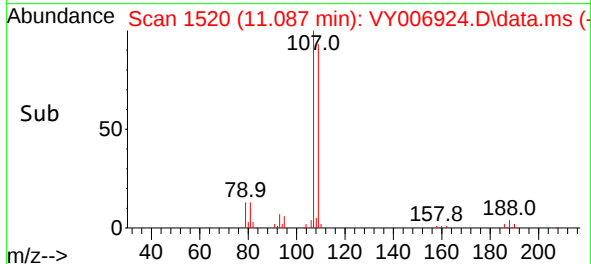
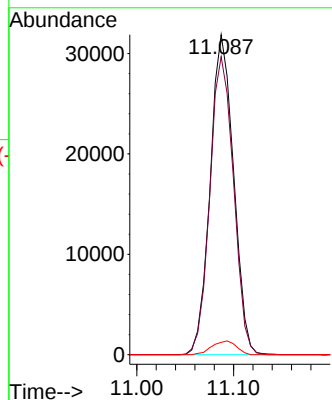
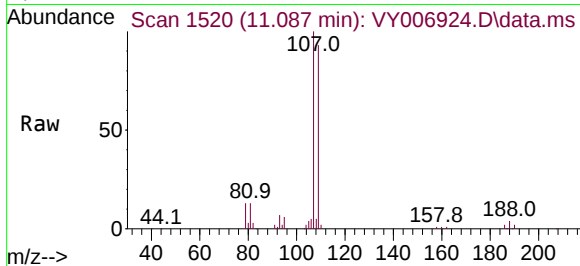




#50
1,2-Dibromoethane
Concen: 28.627 ug/L
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

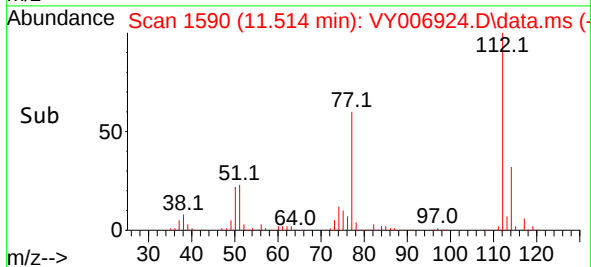
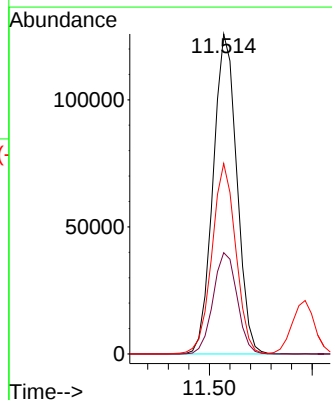
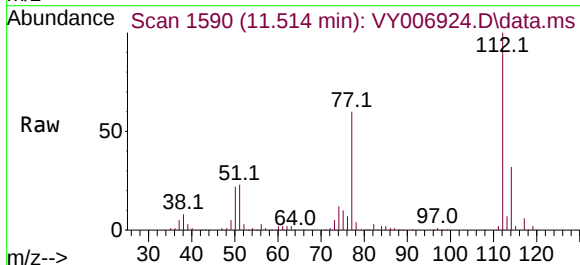
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025803

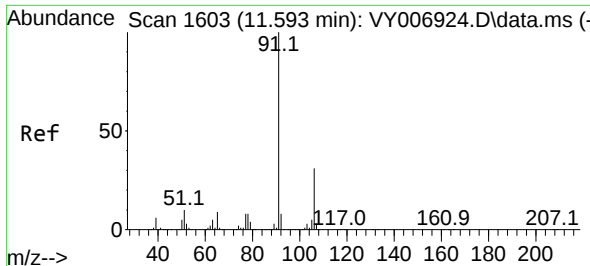
Tgt Ion:	107	Resp:	53567
Ion	Ratio	Lower	Upper
107	100		
109	93.1	65.2	121.0
188	3.9	3.1	4.7



#51
Chlorobenzene
Concen: 27.439 ug/L
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

Tgt Ion:	112	Resp:	201995
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.2	41.2
77	59.5	47.6	71.4

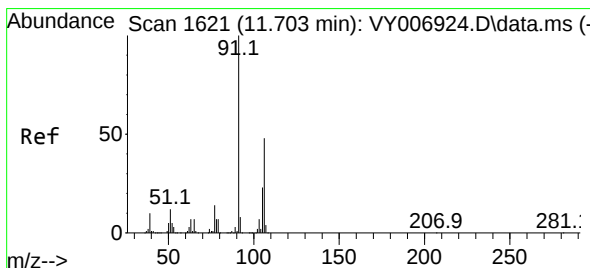
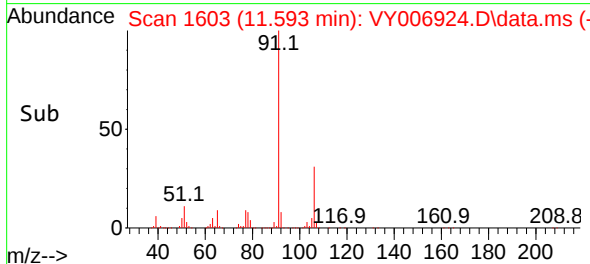
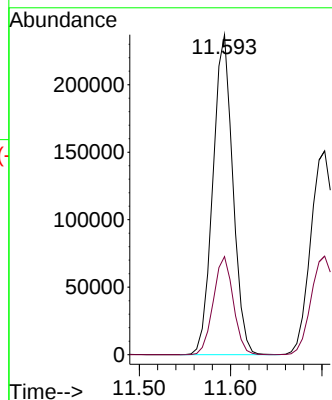
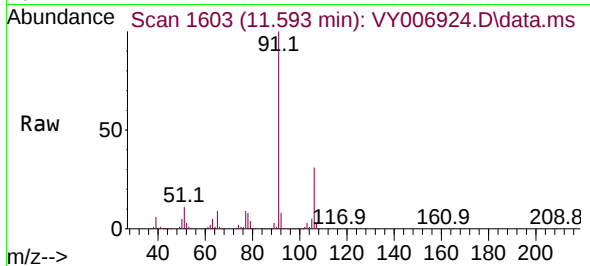




#52
Ethylbenzene
Concen: 27.750 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

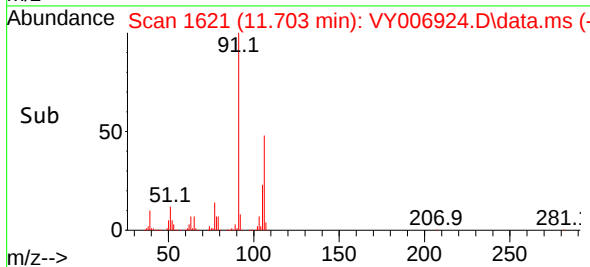
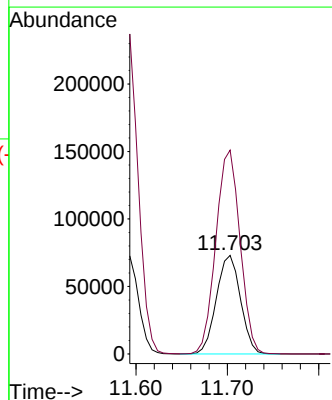
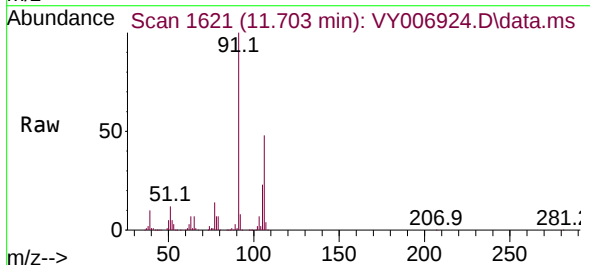
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025803

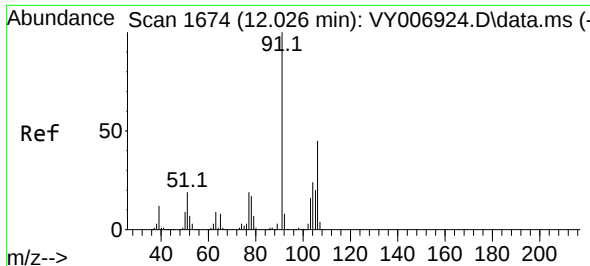
Tgt Ion: 91 Resp: 359469
Ion Ratio Lower Upper
91 100
106 30.6 21.4 39.8



#53
m,p-Xylene
Concen: 27.154 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

Tgt Ion:106 Resp: 133872
Ion Ratio Lower Upper
106 100
91 206.7 144.7 268.7

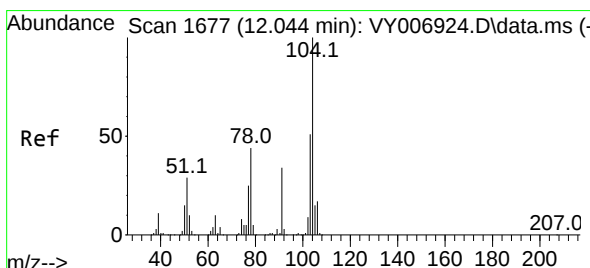
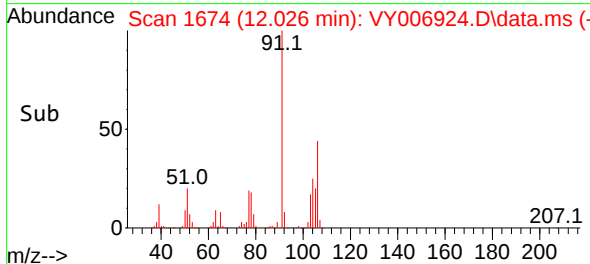
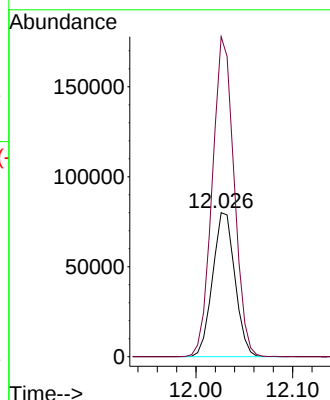
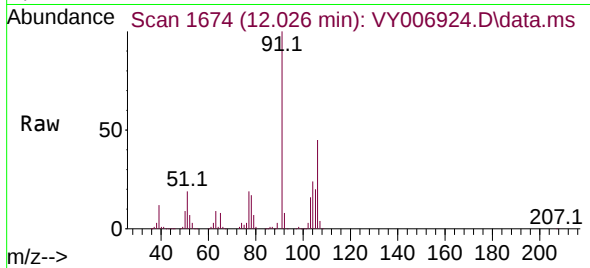




#54
o-Xylene
Concen: 27.183 ug/L
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

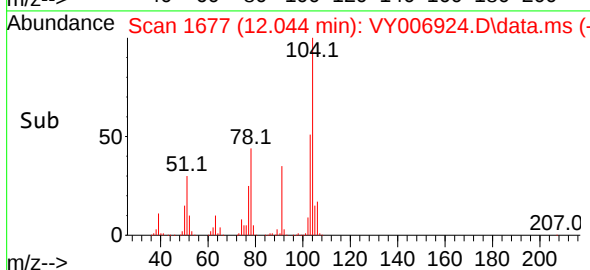
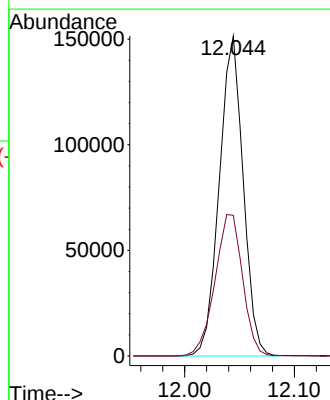
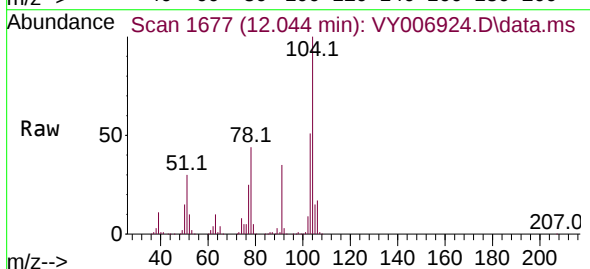
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025803

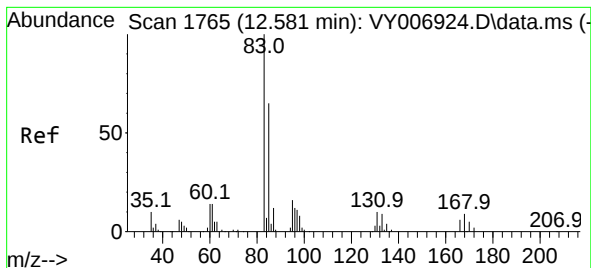
Tgt Ion:106 Resp: 128279
Ion Ratio Lower Upper
106 100
91 222.1 155.5 288.7



#55
Styrene
Concen: 27.780 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

Tgt Ion:104 Resp: 229257
Ion Ratio Lower Upper
104 100
78 44.0 30.8 57.2

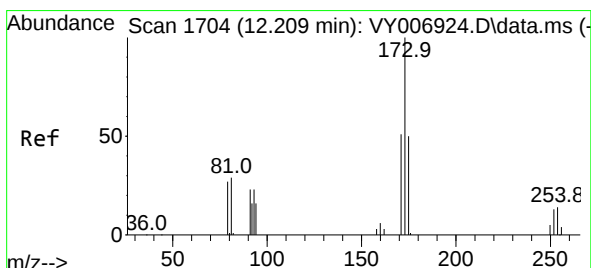
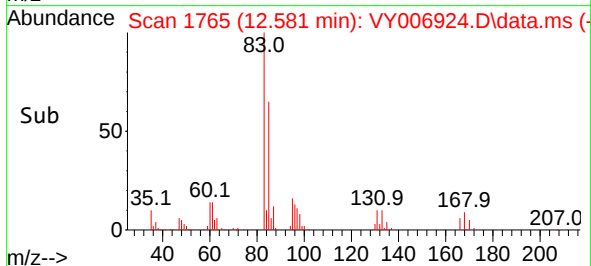
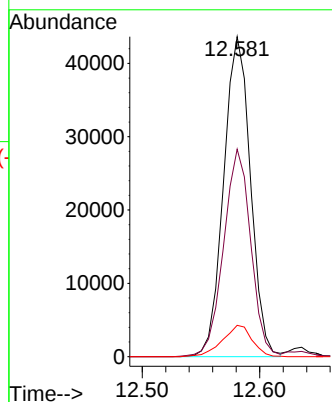
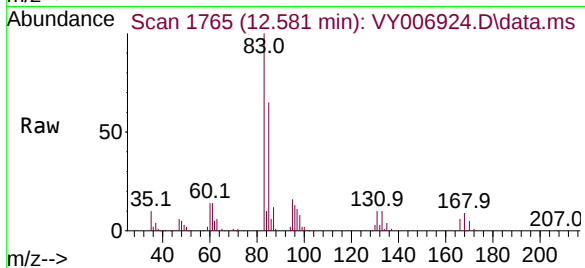




#57
1,1,2,2-Tetrachloroethane
Concen: 30.765 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

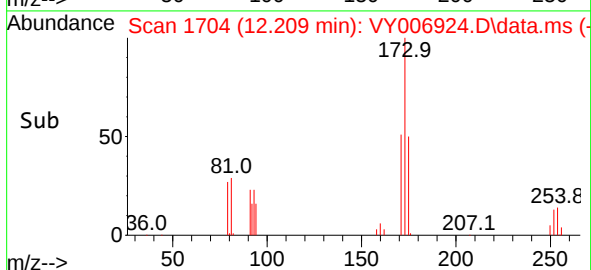
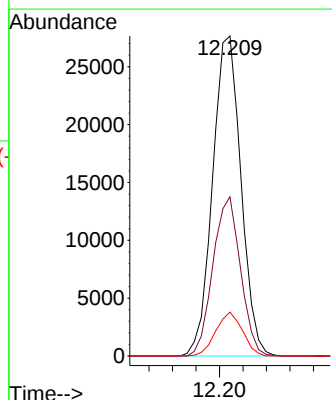
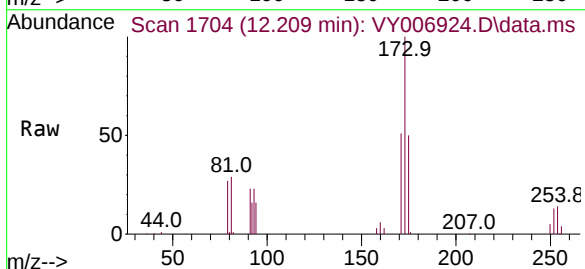
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025803

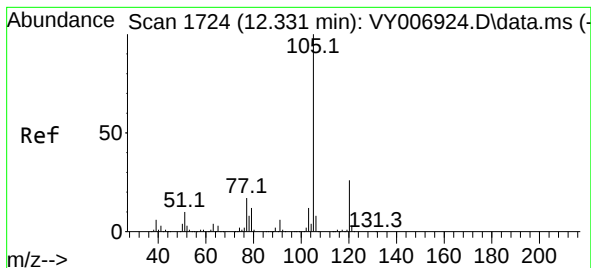
Tgt Ion: 83 Resp: 69293
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.2
131 9.8 7.8 11.8



#59
Bromoform
Concen: 29.433 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

Tgt Ion: 173 Resp: 46391
Ion Ratio Lower Upper
173 100
175 48.3 38.6 58.0
254 12.9 10.3 15.5





#60

Isopropylbenzene

Concen: 27.374 ug/L

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025803

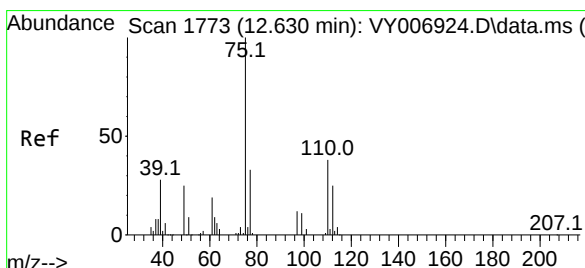
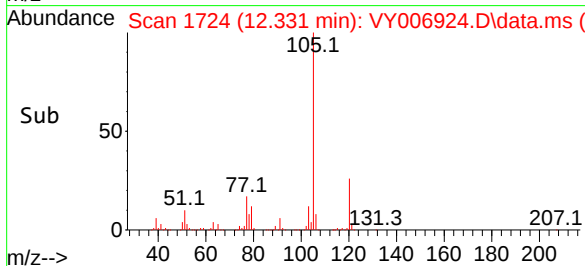
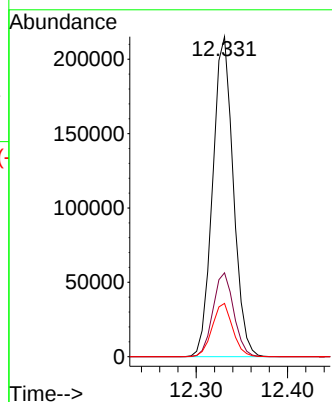
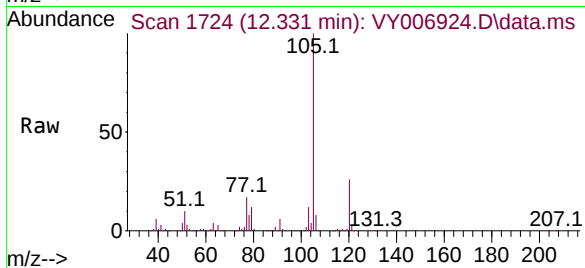
Tgt Ion:105 Resp: 336862

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: 28.874 ug/L

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

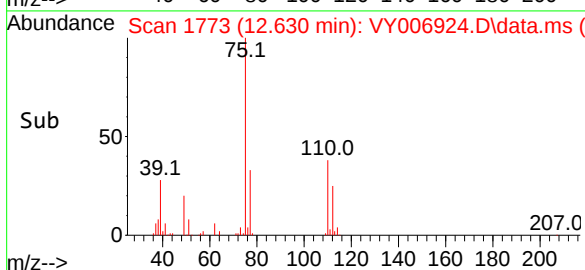
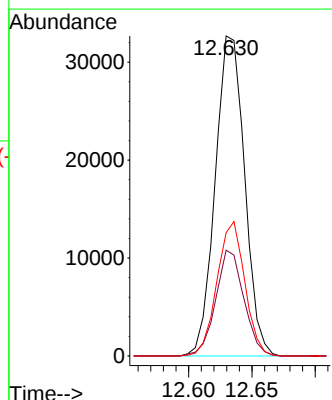
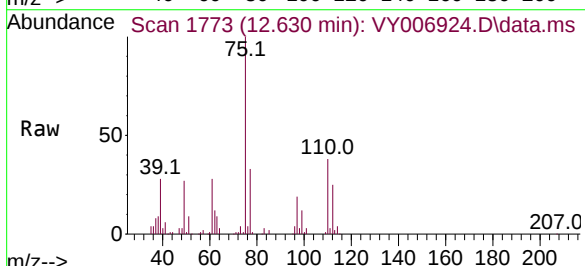
Tgt Ion: 75 Resp: 52813

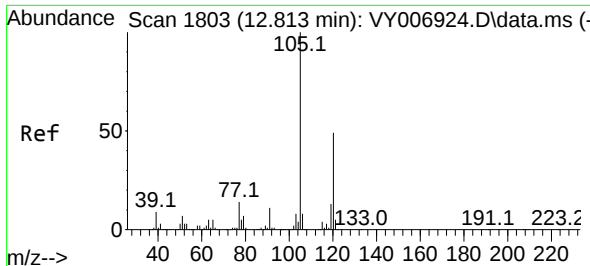
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

110 39.6 31.7 47.5

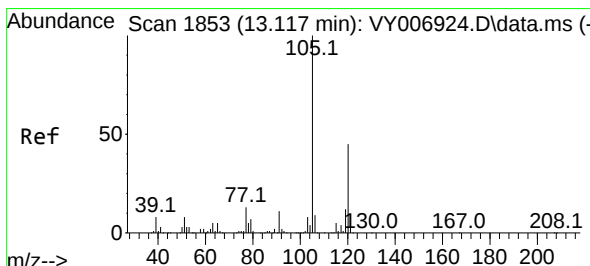
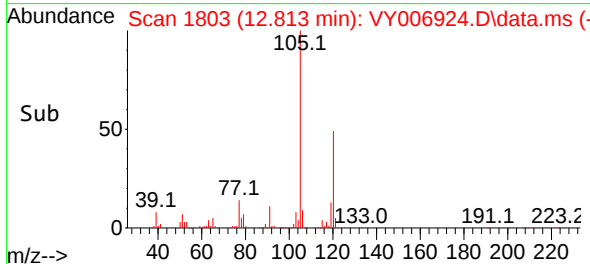
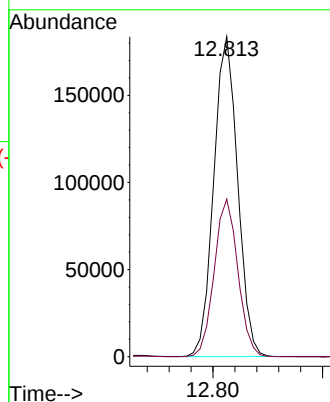
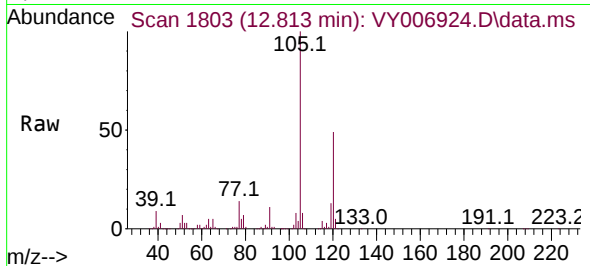




#62
1,3,5-Trimethylbenzene
Concen: 27.784 ug/L
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

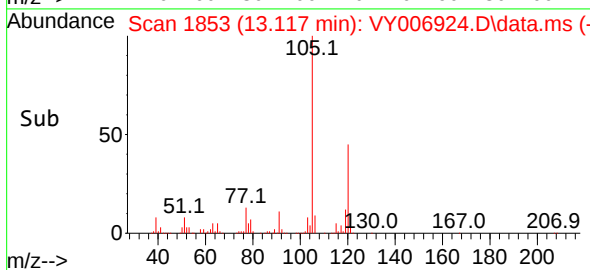
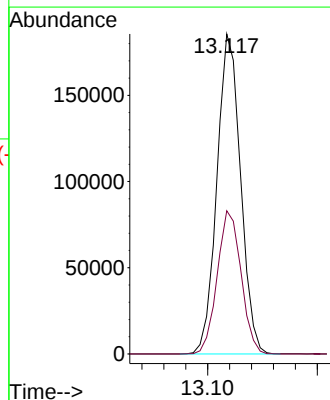
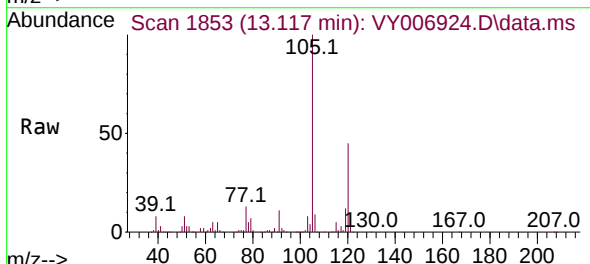
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025803

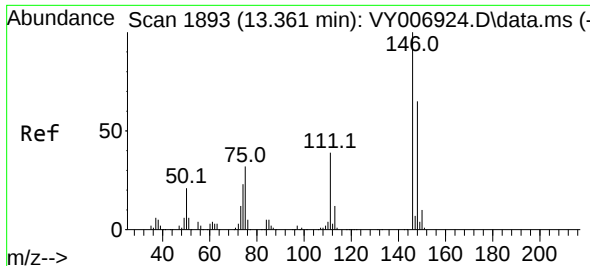
Tgt Ion:105 Resp: 277972
Ion Ratio Lower Upper
105 100
120 48.7 39.0 58.4



#63
1,2,4-Trimethylbenzene
Concen: 28.079 ug/L
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

Tgt Ion:105 Resp: 277829
Ion Ratio Lower Upper
105 100
120 45.0 36.0 54.0

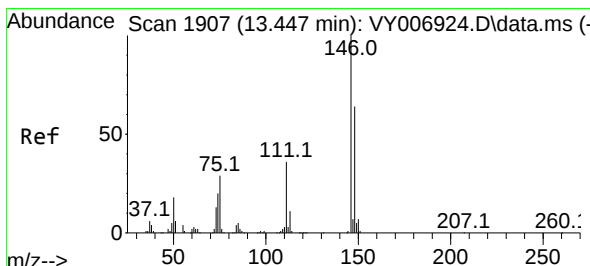
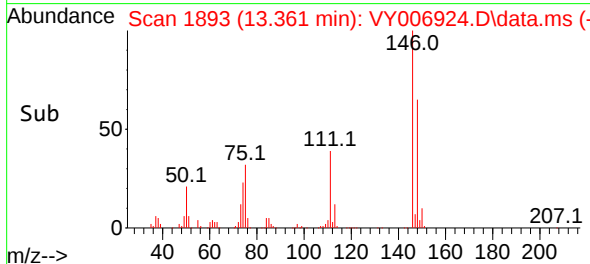
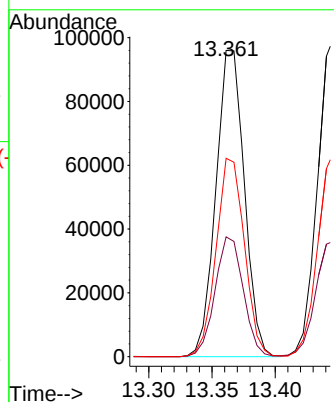
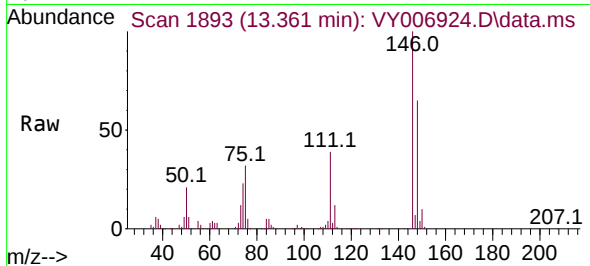




#64
1,3-Dichlorobenzene
Concen: 27.253 ug/L
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

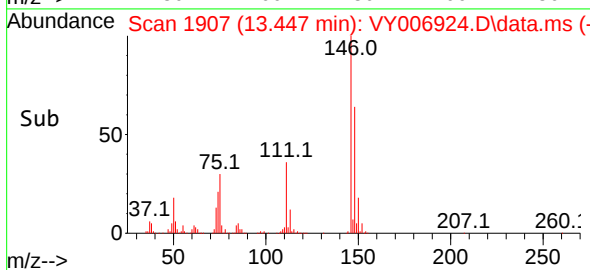
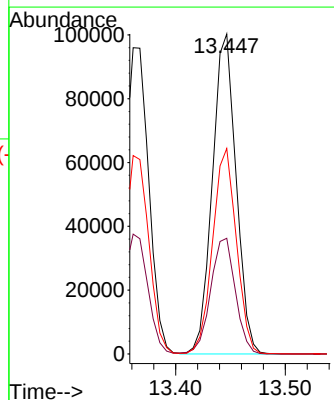
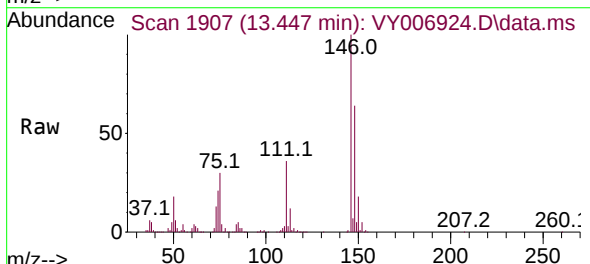
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025803

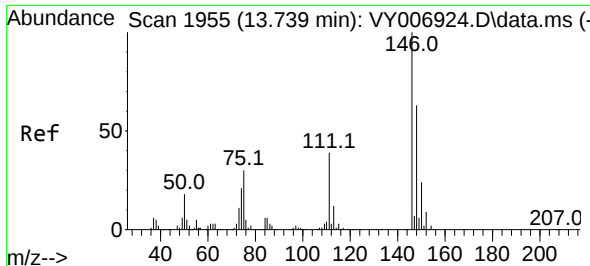
Tgt Ion:146 Resp: 150268
Ion Ratio Lower Upper
146 100
111 39.2 27.4 51.0
148 64.8 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 27.224 ug/L
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006924.D
Acq: 03 Dec 2021 18:27

Tgt Ion:146 Resp: 150994
Ion Ratio Lower Upper
146 100
111 36.1 25.3 46.9
148 64.2 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 26.922 ug/L

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025803

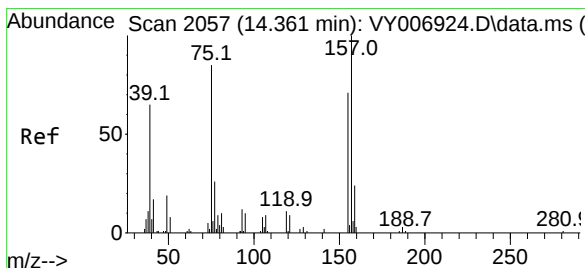
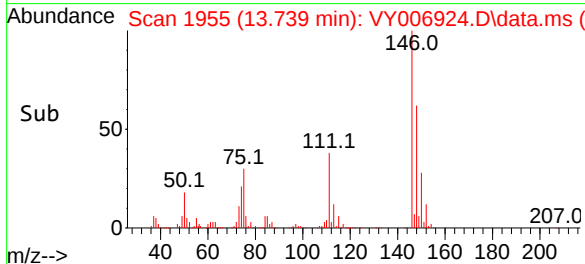
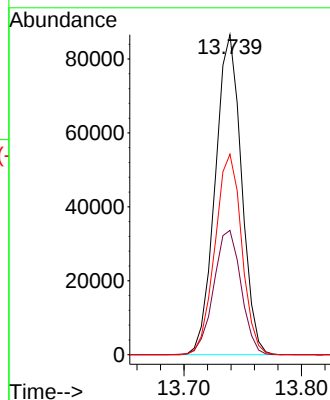
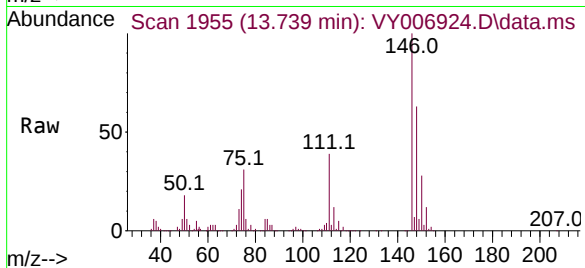
Tgt Ion:146 Resp: 134571

Ion Ratio Lower Upper

146 100

111 38.8 31.0 46.6

148 62.7 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.288 ug/L

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

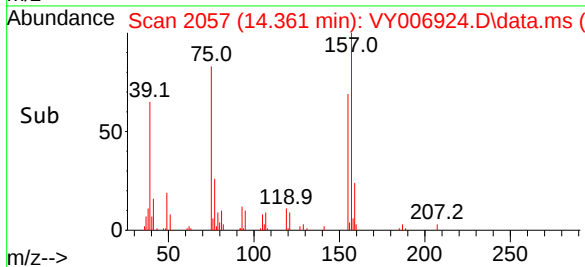
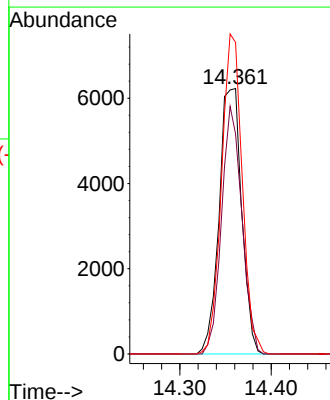
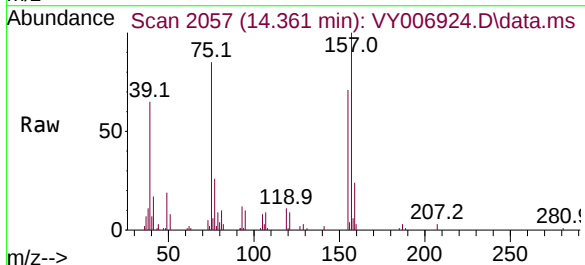
Tgt Ion: 75 Resp: 10722

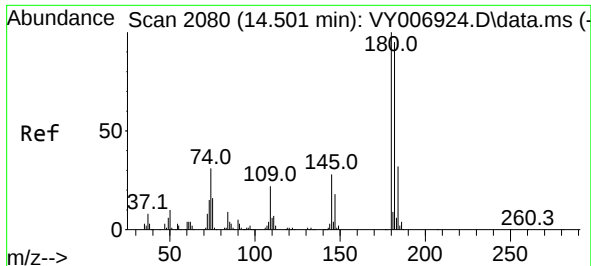
Ion Ratio Lower Upper

75 100

155 82.9 66.3 99.5

157 117.4 93.9 140.9





#69

1,3,5-Trichlorobenzene

Concen: 26.507 ug/L

RT: 14.501 min Scan# 2080

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025803

Tgt Ion:180 Resp: 102046

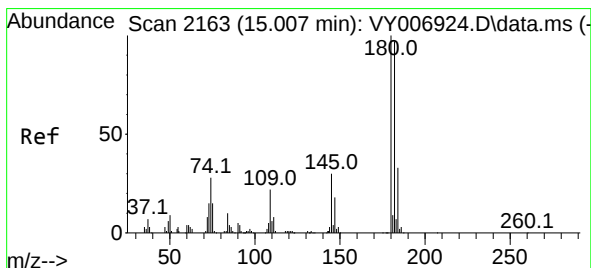
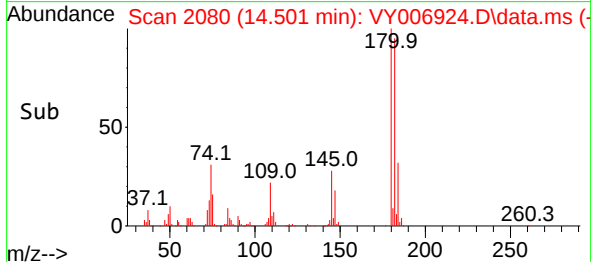
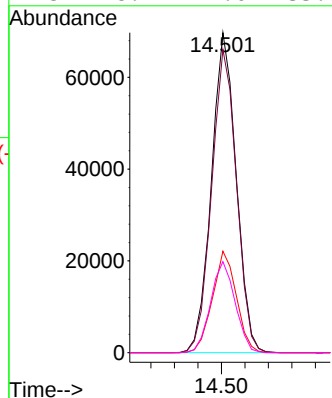
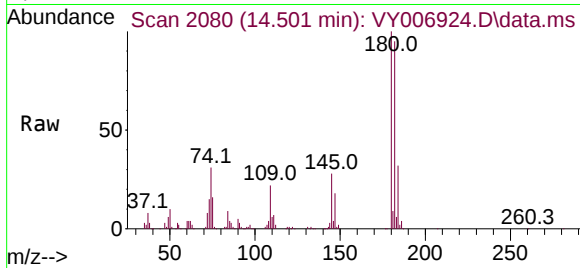
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

184 30.7 24.6 36.8

145 28.2 22.6 33.8



#70

1,2,4-trichlorobenzene

Concen: 26.137 ug/L

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

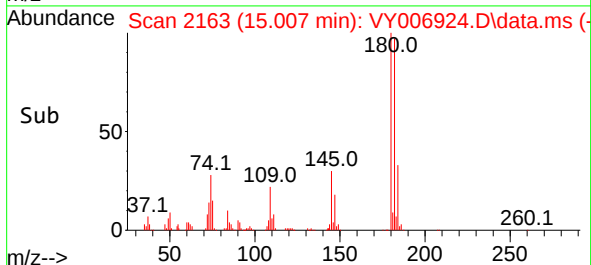
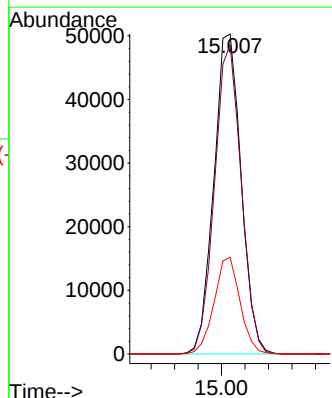
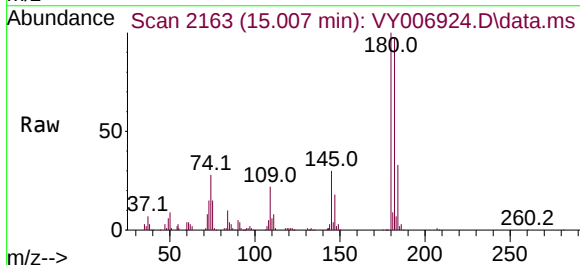
Tgt Ion:180 Resp: 81106

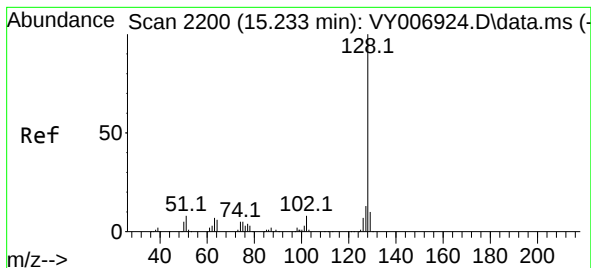
Ion Ratio Lower Upper

180 100

182 94.5 75.6 113.4

145 28.8 23.0 34.6





#71

Naphthalene

Concen: 26.829 ug/L

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025803

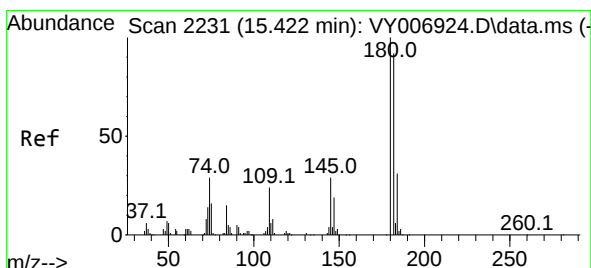
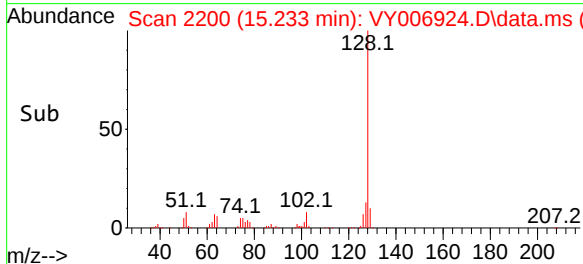
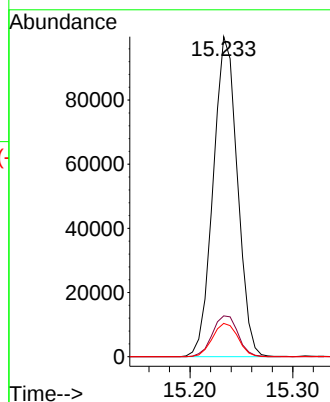
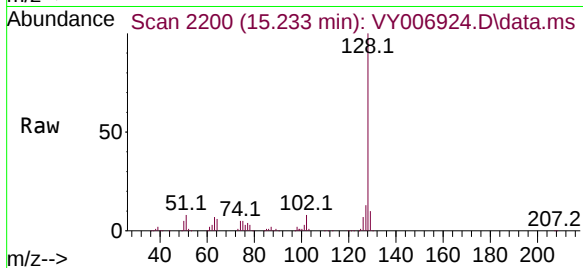
Tgt Ion:128 Resp: 163308

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.527 ug/L

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY006924.D

Acq: 03 Dec 2021 18:27

Tgt Ion:180 Resp: 68132

Ion Ratio Lower Upper

180 100

182 94.4 75.5 113.3

145 29.4 23.5 35.3

