

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120321\
 Data File : VY006927.D
 Acq On : 03 Dec 2021 20:17
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV806

Quant Time: Dec 04 02:34:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 04 02:26:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	194112	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	181712	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	91120	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	69975	27.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.960%
7) Chloroethane-d5	2.772	69	51619	26.321	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.280%
11) 1,1-Dichloroethene-d2	3.857	63	139974	26.932	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.720%
21) 2-Butanone-d5	6.893	46	45503	47.124	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.240%
24) Chloroform-d	7.478	84	123423	25.514	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.040%
26) 1,2-Dichloroethane-d4	8.143	65	73225	25.218	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.880%
32) Benzene-d6	8.112	84	243313	25.207	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.840%
36) 1,2-Dichloropropane-d6	9.124	67	77506	25.556	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.240%
41) Toluene-d8	10.179	98	227754	25.193	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.760%
43) trans-1,3-Dichloroprop...	10.441	79	36990	25.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.880%
47) 2-Hexanone-d5	10.788	63	33422	47.615	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.240%
56) 1,1,2,2-Tetrachloroeth...	12.563	84	59024	23.361	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.440%
66) 1,2-Dichlorobenzene-d4	13.721	152	69572	23.413	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	26282	21.446	ug/L	89
3) Chloromethane	2.119	50	58727	24.965	ug/L	100
5) Vinyl chloride	2.260	62	96242	27.775	ug/L	96
6) Bromomethane	2.662	94	54359	25.954	ug/L	98
8) Chloroethane	2.802	64	54859	26.682	ug/L	95
9) Trichlorofluoromethane	3.131	101	65746	26.127	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.906	101	65238	26.742	ug/L	97
12) 1,1-Dichloroethene	3.875	96	70579	26.869	ug/L	94
13) Acetone	3.948	43	42832	48.401	ug/L	98
14) Carbon disulfide	4.198	76	234918	27.128	ug/L	99
15) Methyl Acetate	4.473	43	49855	25.841	ug/L	97
16) Methylene chloride	4.716	84	82237	23.624	ug/L	92
17) trans-1,2-Dichloroethene	5.216	96	75119	26.820	ug/L	96
18) Methyl tert-butyl Ether	5.222	73	141236	27.954	ug/L	99
19) 1,1-Dichloroethane	6.021	63	145990	27.713	ug/L	97
20) cis-1,2-Dichloroethene	6.984	96	82272	27.394	ug/L	97
22) 2-Butanone	6.990	43	63993	51.694	ug/L	97
23) Bromochloromethane	7.338	128	37071	27.049	ug/L	92
25) Chloroform	7.509	83	145350	27.388	ug/L	96

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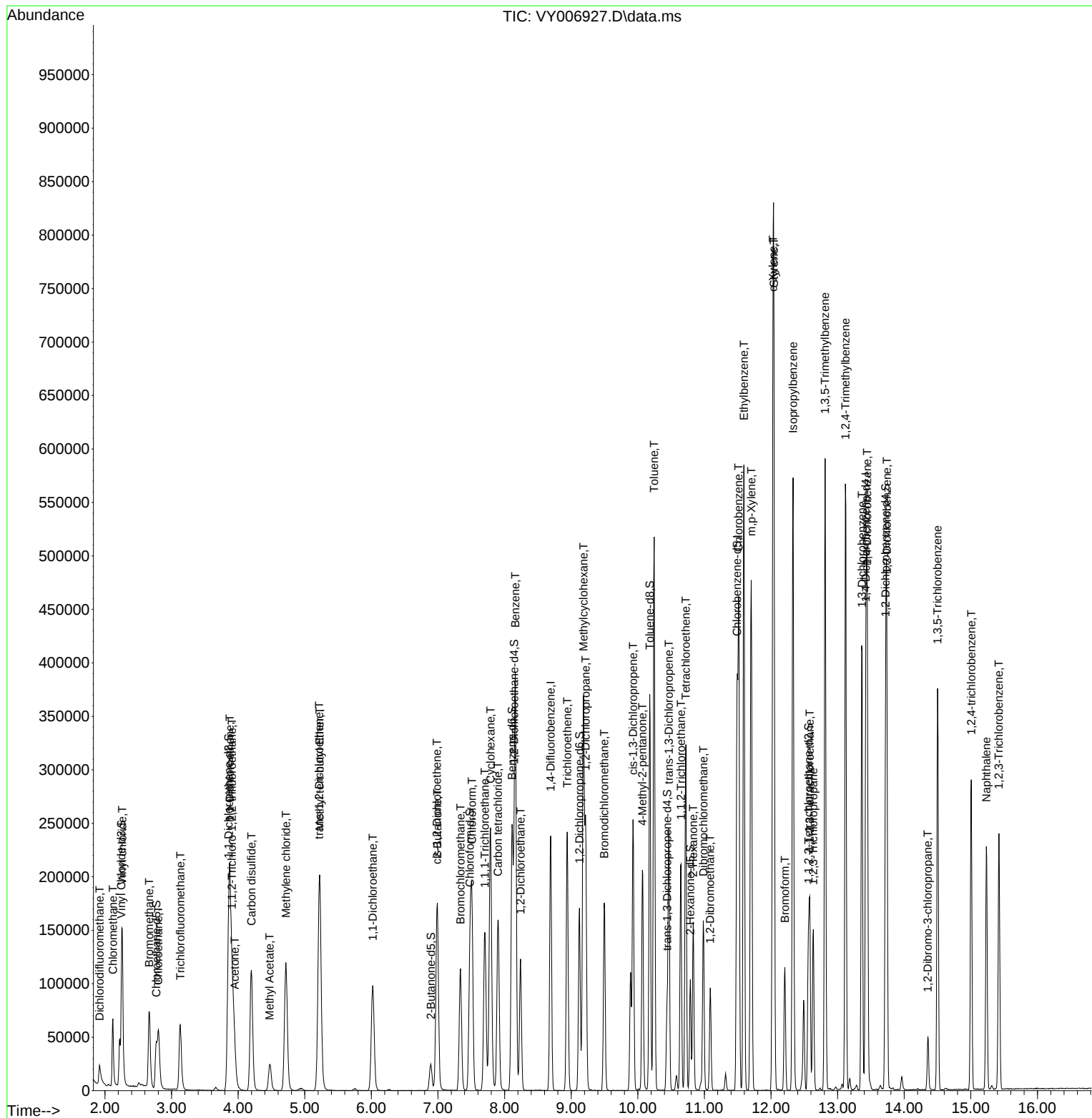
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	104751	27.237	ug/L	100
29) Cyclohexane	7.789	56	141179	27.876	ug/L	96
30) 1,1,1-Trichloroethane	7.704	97	123141	26.639	ug/L	99
31) Carbon tetrachloride	7.899	117	114824	26.034	ug/L	99
33) Benzene	8.161	78	330756	27.074	ug/L	100
34) Trichloroethene	8.941	95	80050	26.603	ug/L	96
35) Methylcyclohexane	9.185	83	143742	26.659	ug/L	96
37) 1,2-Dichloropropane	9.216	63	85983	27.456	ug/L	98
38) Bromodichloromethane	9.496	83	110072	27.129	ug/L	97
39) cis-1,3-Dichloropropene	9.929	75	132711	26.996	ug/L	99
40) 4-Methyl-2-pentanone	10.069	43	145589	53.301	ug/L	99
42) Toluene	10.246	91	352382	27.037	ug/L	98
44) trans-1,3-Dichloropropene	10.465	75	123645	26.915	ug/L	97
45) 1,1,2-Trichloroethane	10.648	97	60897	26.393	ug/L	98
46) Tetrachloroethene	10.721	164	65570	26.009	ug/L	99
48) 2-Hexanone	10.831	43	101126	56.102	ug/L	99
49) Dibromochloromethane	10.984	129	73997	26.353	ug/L	94
50) 1,2-Dibromoethane	11.087	107	57271	26.227	ug/L	97
51) Chlorobenzene	11.514	112	212786	26.769	ug/L	97
52) Ethylbenzene	11.593	91	378515	27.018	ug/L	100
53) m,p-Xylene	11.703	106	143544	27.086	ug/L	100
54) o-Xylene	12.032	106	135307	27.141	ug/L	98
55) Styrene	12.044	104	238729	27.370	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.581	83	73849	26.527	ug/L	98
59) Bromoform	12.209	173	46907	25.242	ug/L	98
60) Isopropylbenzene	12.331	105	356236	26.716	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	56974	25.724	ug/L	98
62) 1,3,5-Trimethylbenzene	12.813	105	293922	26.809	ug/L	99
63) 1,2,4-Trimethylbenzene	13.117	105	293857	27.402	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	156078	26.008	ug/L	100
65) 1,4-Dichlorobenzene	13.447	146	160026	26.169	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	143054	26.621	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.355	75	11888	24.928	ug/L	86
69) 1,3,5-Trichlorobenzene	14.501	180	108883	26.661	ug/L	100
70) 1,2,4-trichlorobenzene	15.007	180	86052	26.125	ug/L	99
71) Naphthalene	15.233	128	178250	27.007	ug/L	100
72) 1,2,3-Trichlorobenzene	15.422	180	74546	26.784	ug/L	100

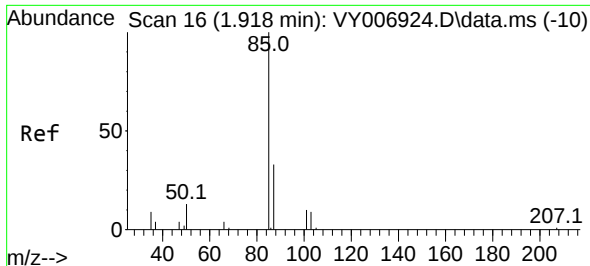
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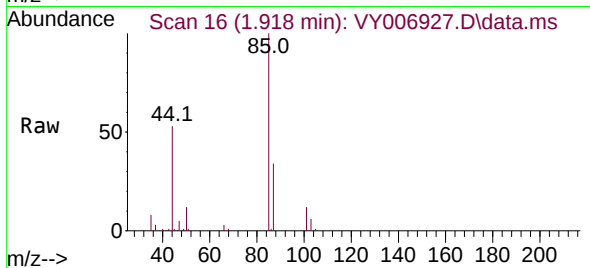
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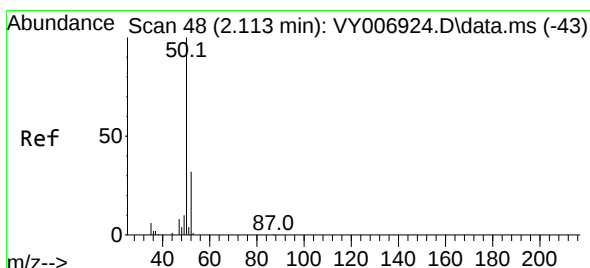
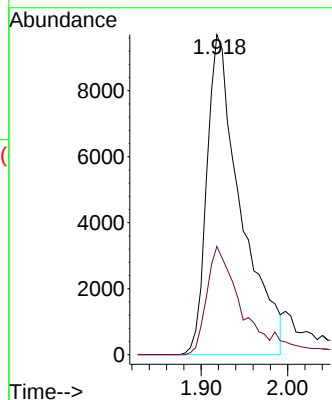
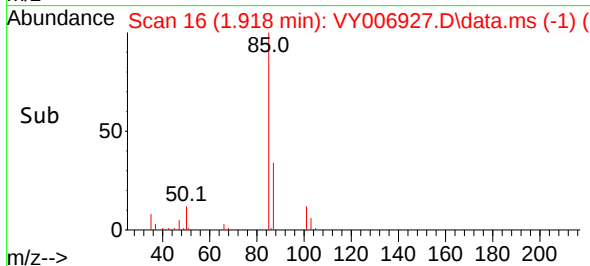


#2
Dichlorodifluoromethane
Concen: 21.446 ug/L
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Instrument :
MSVOA_Y
ClientSampleId :
VICV806

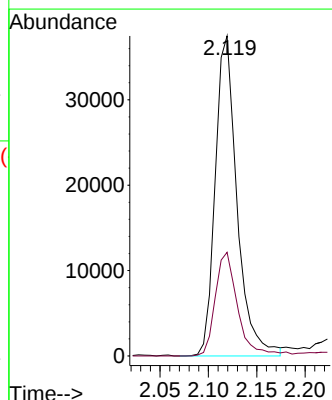
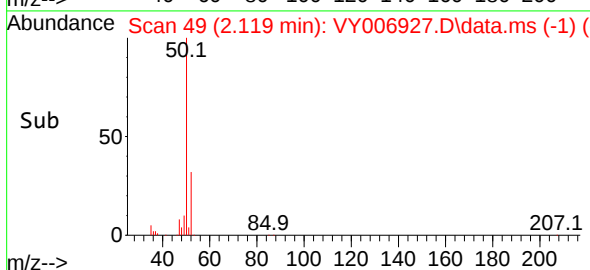
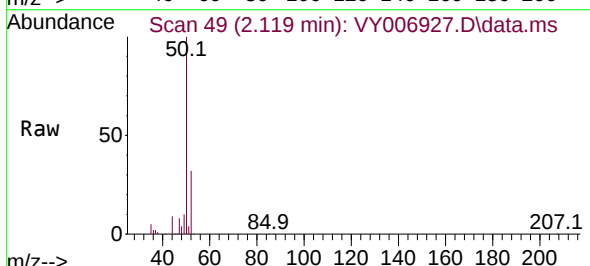


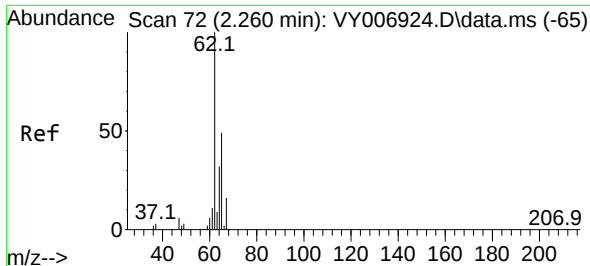
Tgt Ion: 85 Resp: 26282
Ion Ratio Lower Upper
85 100
87 26.9 26.3 39.5



#3
Chloromethane
Concen: 24.965 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Tgt Ion: 50 Resp: 58727
Ion Ratio Lower Upper
50 100
52 32.4 22.7 42.1

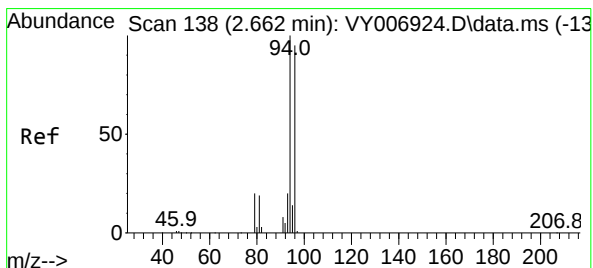
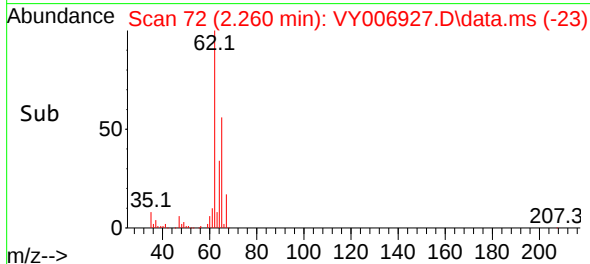
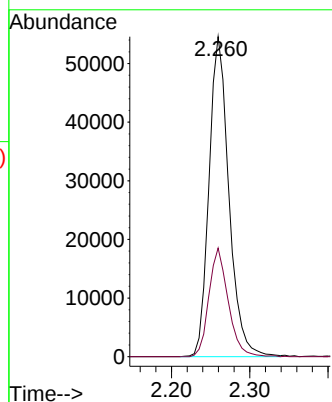
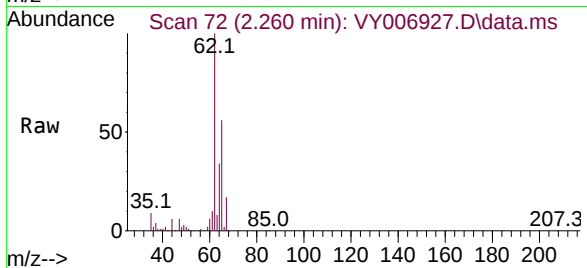




#5
 Vinyl chloride
 Concen: 27.775 ug/L
 RT: 2.260 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VY006927.D
 Acq: 03 Dec 2021 20:17

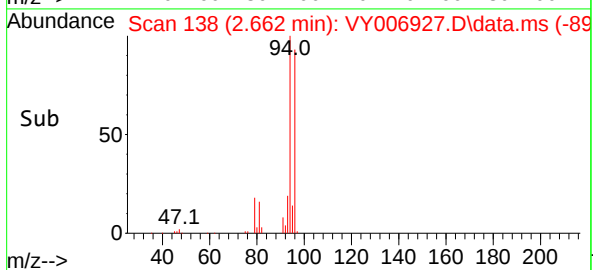
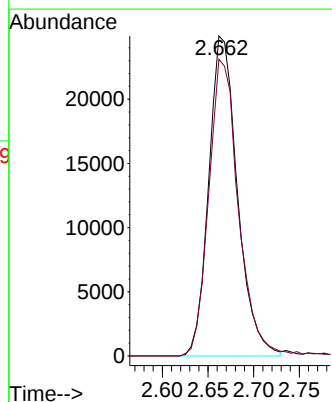
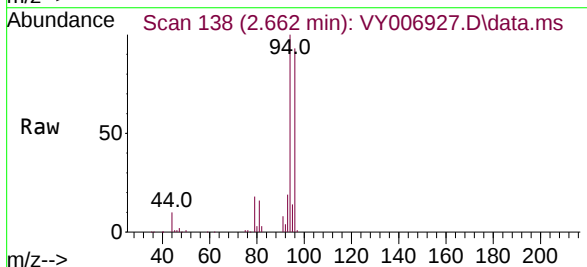
Instrument :
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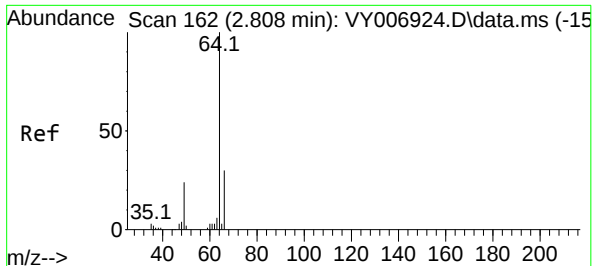
Tgt Ion: 62 Resp: 96242
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.4 41.6



#6
 Bromomethane
 Concen: 25.954 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VY006927.D
 Acq: 03 Dec 2021 20:17

Tgt Ion: 94 Resp: 54359
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.5 123.5

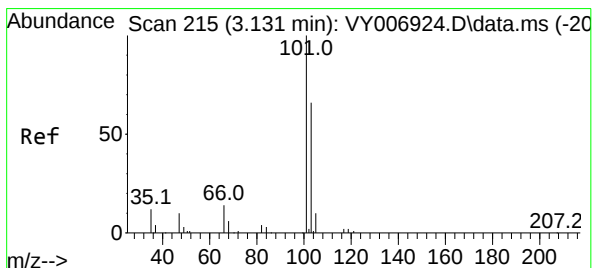
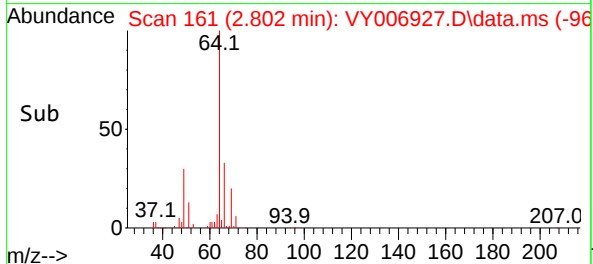
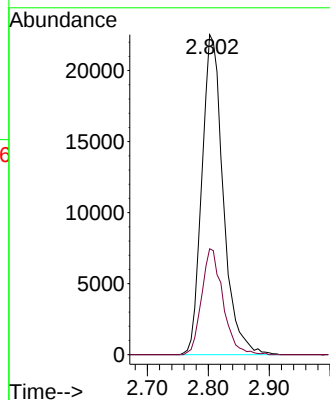
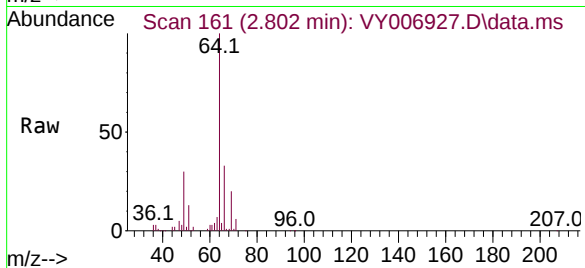




#8
Chloroethane
Concen: 26.682 ug/L
RT: 2.802 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

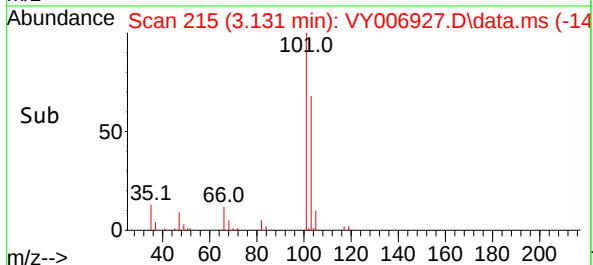
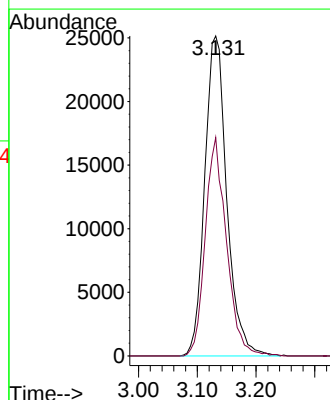
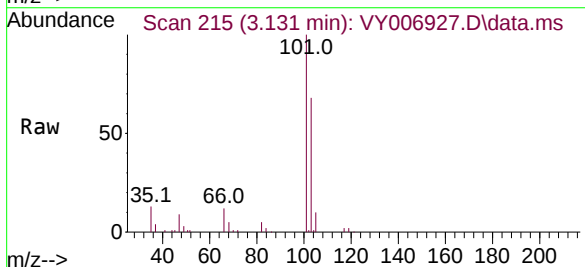
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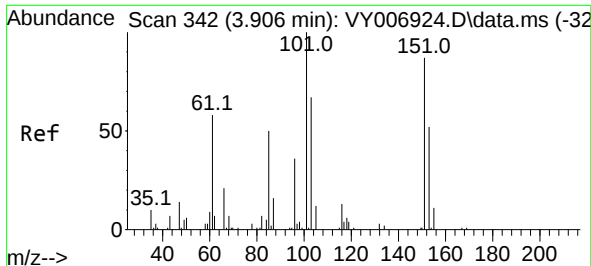
Tgt Ion: 64 Resp: 54859
Ion Ratio Lower Upper
64 100
66 33.1 21.1 39.3



#9
Trichlorofluoromethane
Concen: 26.127 ug/L
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Tgt Ion:101 Resp: 65746
Ion Ratio Lower Upper
101 100
103 65.5 51.3 76.9

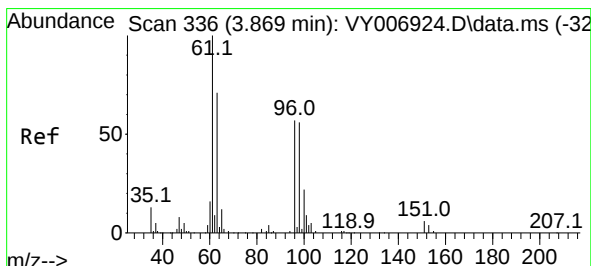
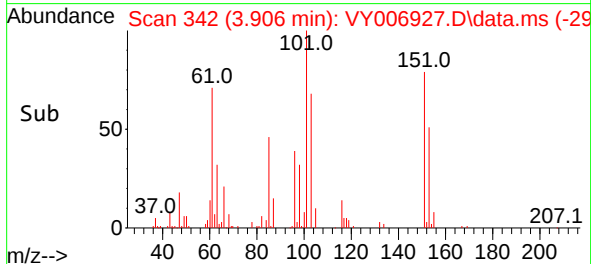
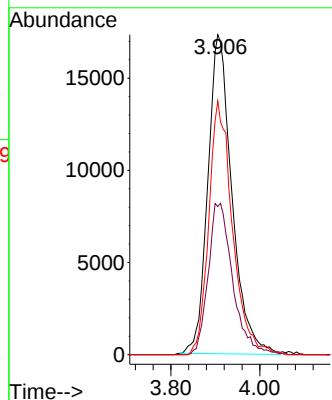
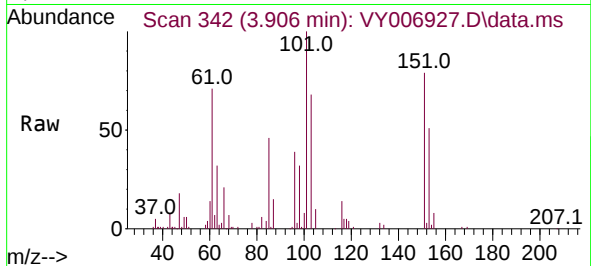




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.742 ug/L
 RT: 3.906 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VY006927.D
 Acq: 03 Dec 2021 20:17

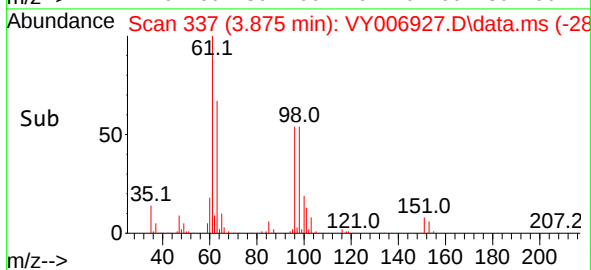
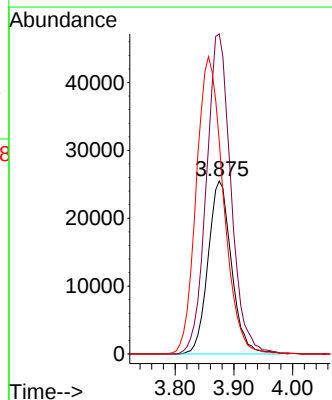
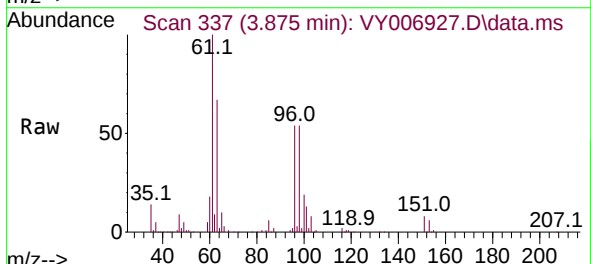
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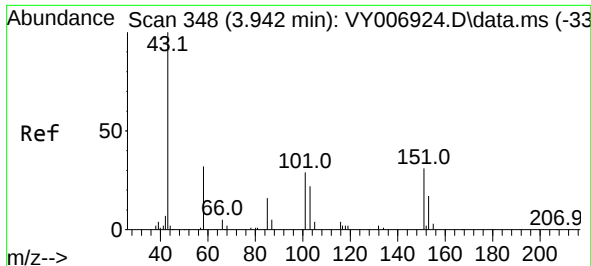
Tgt Ion:101 Resp: 65238
 Ion Ratio Lower Upper
 101 100
 85 48.3 38.2 57.2
 151 76.7 64.2 96.4



#12
 1,1-Dichloroethene
 Concen: 26.869 ug/L
 RT: 3.875 min Scan# 337
 Delta R.T. 0.006 min
 Lab File: VY006927.D
 Acq: 03 Dec 2021 20:17

Tgt Ion: 96 Resp: 70579
 Ion Ratio Lower Upper
 96 100
 61 184.9 123.3 229.1
 63 123.2 91.2 169.4

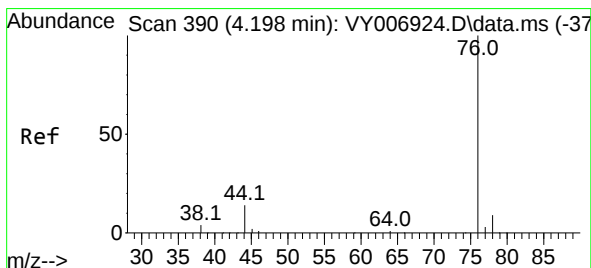
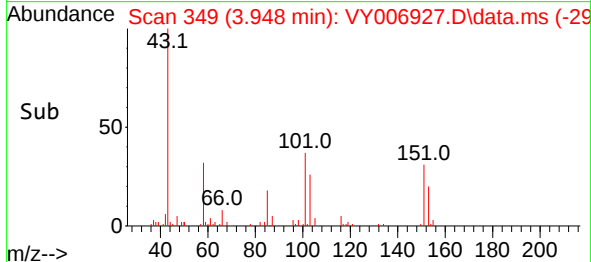
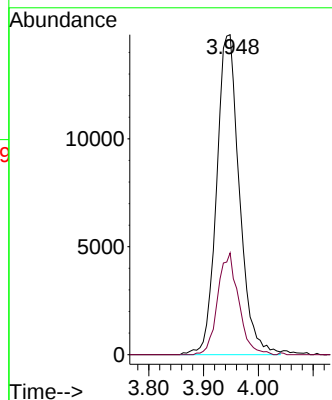
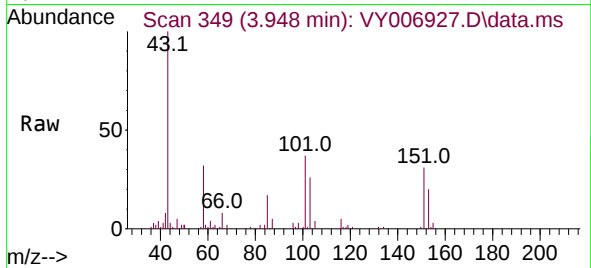




#13
Acetone
Concen: 48.401 ug/L
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

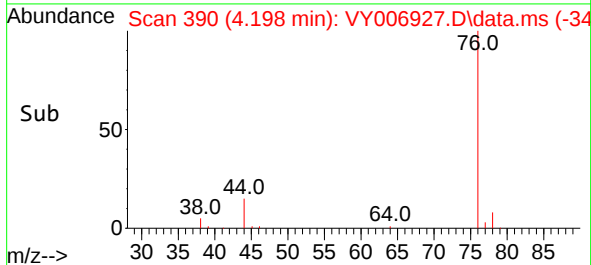
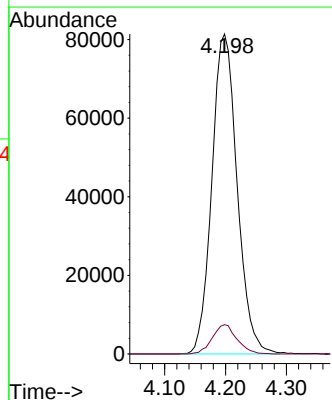
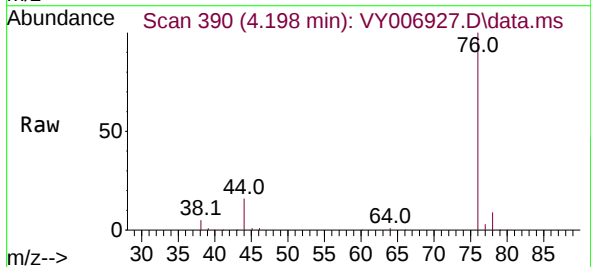
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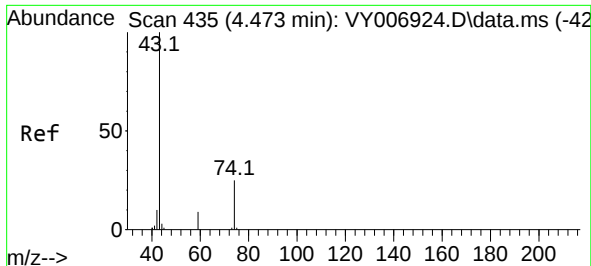
Tgt Ion: 43 Resp: 42832
Ion Ratio Lower Upper
43 100
58 29.2 0.0 60.8



#14
Carbon disulfide
Concen: 27.128 ug/L
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Tgt Ion: 76 Resp: 234918
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

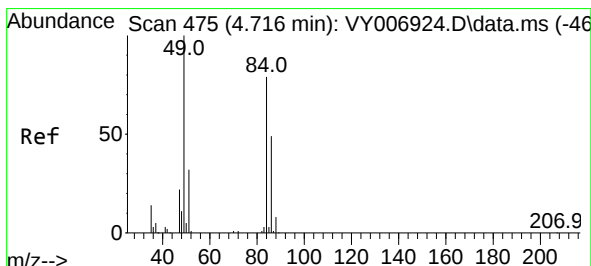
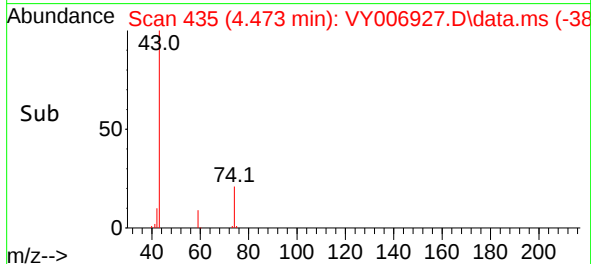
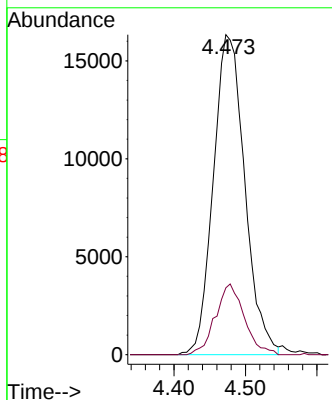
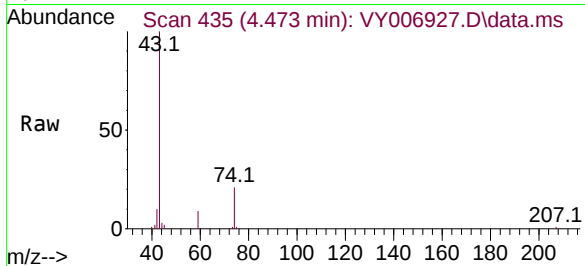




#15
Methyl Acetate
Concen: 25.841 ug/L
RT: 4.473 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

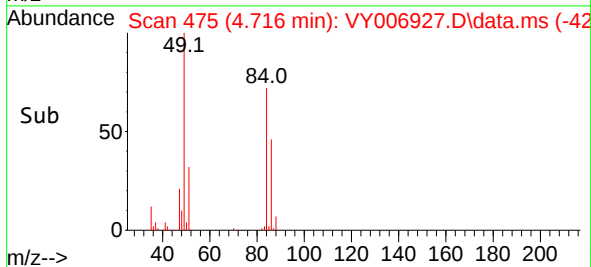
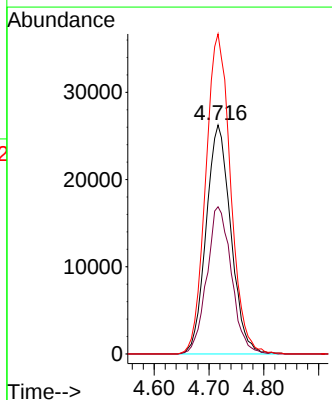
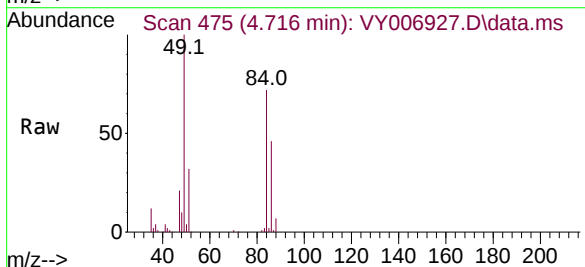
Instrument :
MSVOA_Y
ClientSampleId :
VICV806

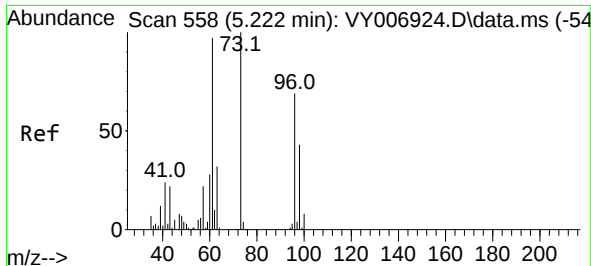
Tgt Ion: 43 Resp: 49855
Ion Ratio Lower Upper
43 100
74 20.4 17.4 26.2



#16
Methylene chloride
Concen: 23.624 ug/L
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Tgt Ion: 84 Resp: 82237
Ion Ratio Lower Upper
84 100
86 64.3 43.4 80.6
49 139.8 89.1 165.5





#17

trans-1,2-Dichloroethene

Concen: 26.820 ug/L

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

Instrument :

MSVOA_Y

ClientSampleId :

VICV806

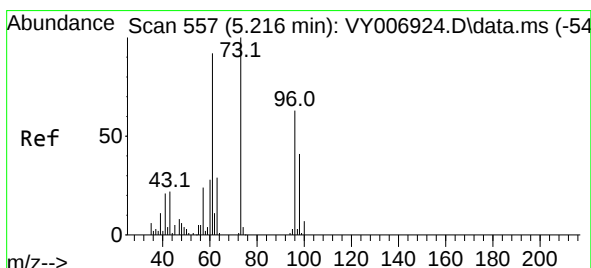
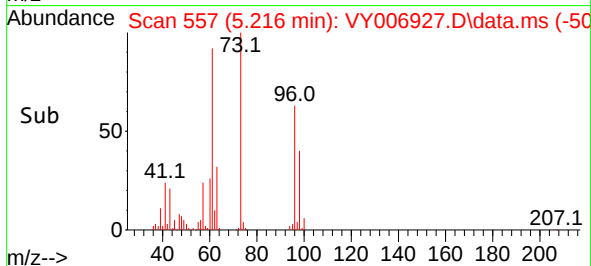
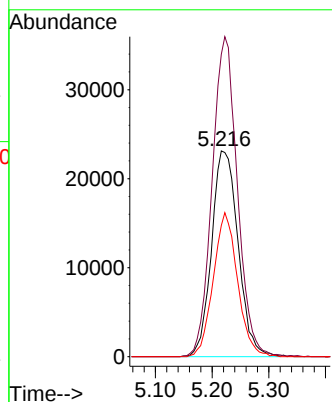
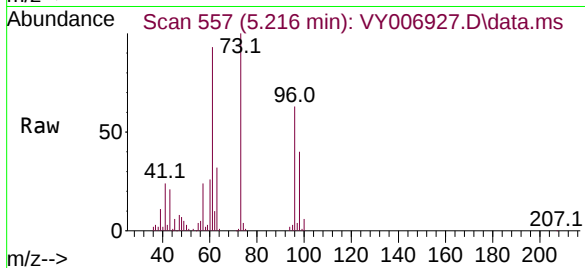
Tgt Ion: 96 Resp: 75119

Ion Ratio Lower Upper

96 100

61 147.0 98.5 182.9

98 63.8 43.7 81.1



#18

Methyl tert-butyl Ether

Concen: 27.954 ug/L

RT: 5.222 min Scan# 558

Delta R.T. 0.006 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

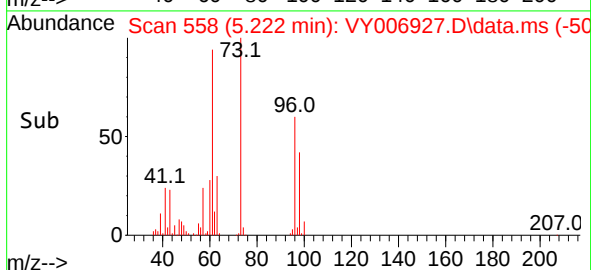
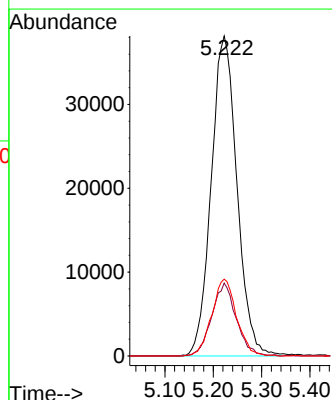
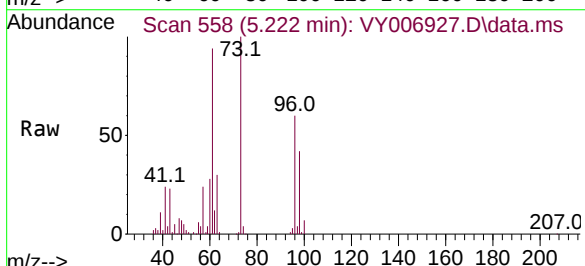
Tgt Ion: 73 Resp: 141236

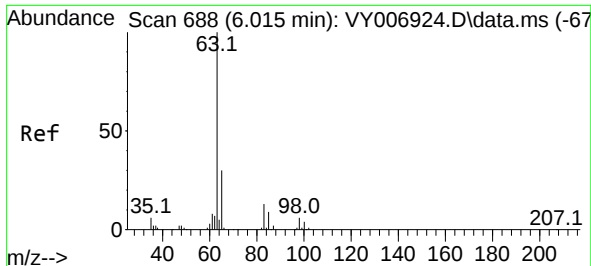
Ion Ratio Lower Upper

73 100

43 21.6 16.9 25.3

57 23.0 18.1 27.1





#19

1,1-Dichloroethane

Concen: 27.713 ug/L

RT: 6.021 min Scan# 61

Delta R.T. 0.006 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

Instrument :

MSVOA_Y

ClientSampleId :

VICV806

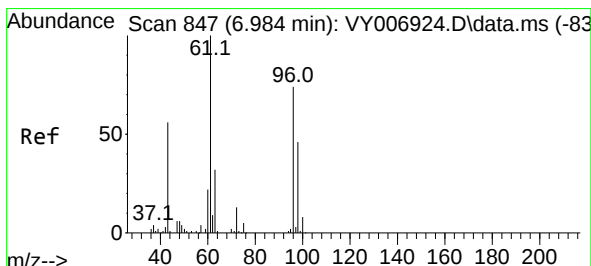
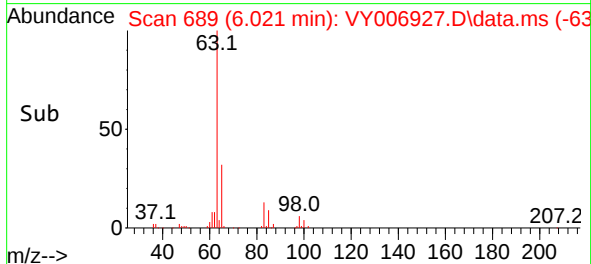
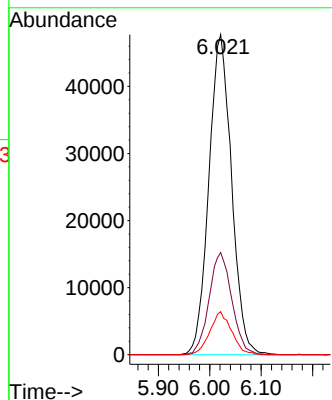
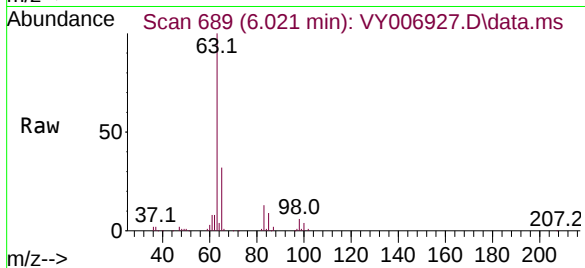
Tgt Ion: 63 Resp: 145990

Ion Ratio Lower Upper

63 100

65 31.9 21.0 39.0

83 13.5 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 27.394 ug/L

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

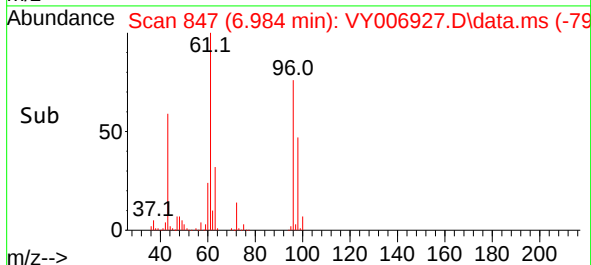
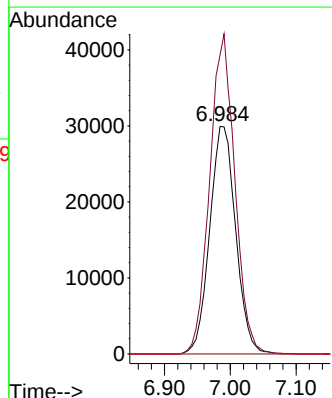
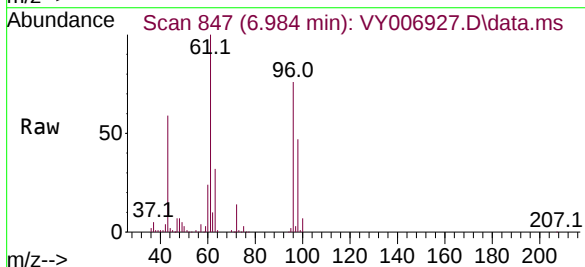
Tgt Ion: 96 Resp: 82272

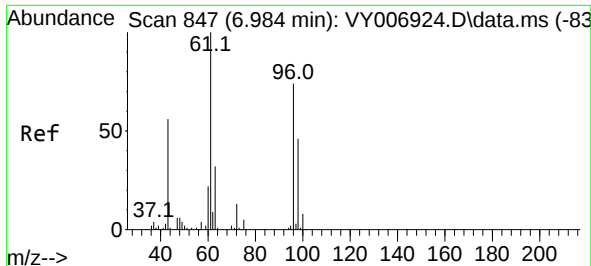
Ion Ratio Lower Upper

96 100

61 131.4 94.2 175.0

68 0.0 0.0 0.0

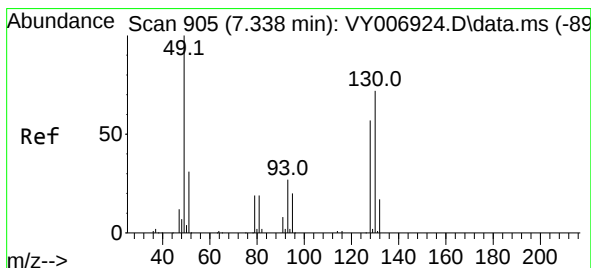
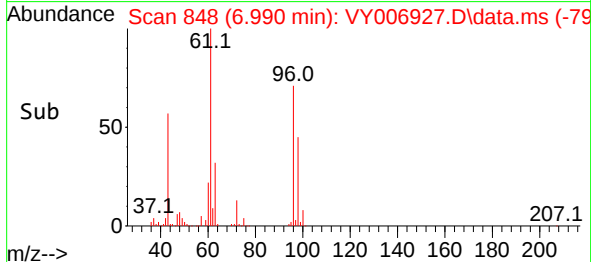
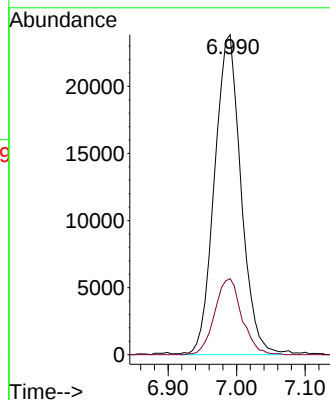
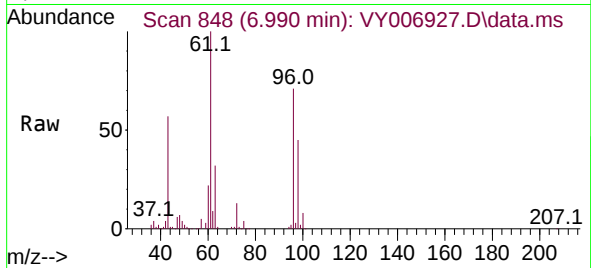




#22
2-Butanone
Concen: 51.694 ug/L
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

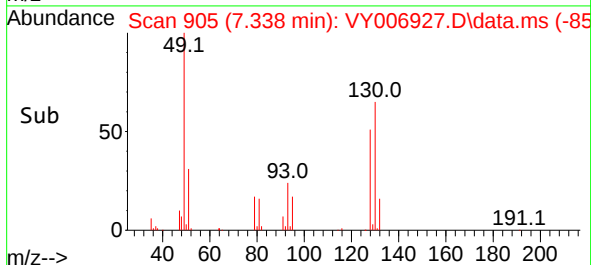
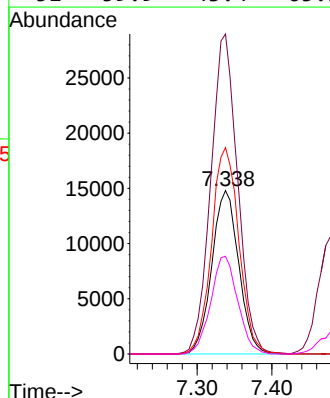
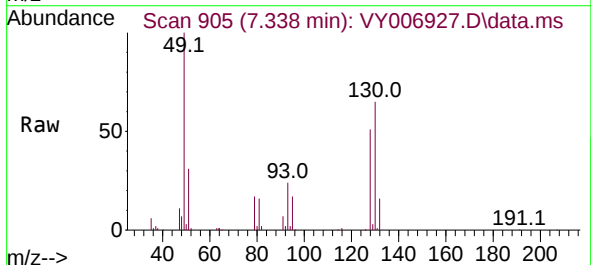
Instrument :
MSVOA_Y
ClientSampleId :
VICV806

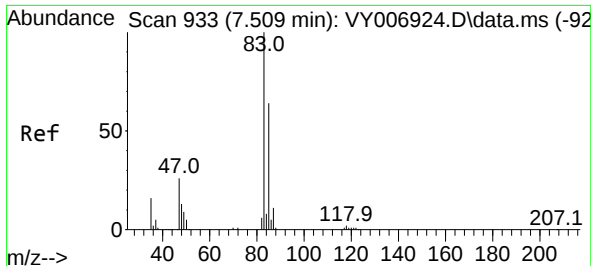
Tgt Ion: 43 Resp: 63993
Ion Ratio Lower Upper
43 100
72 24.3 12.9 38.6



#23
Bromochloromethane
Concen: 27.049 ug/L
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Tgt Ion:128 Resp: 37071
Ion Ratio Lower Upper
128 100
49 195.8 123.5 229.3
130 126.3 88.5 164.4
51 59.9 43.4 65.2

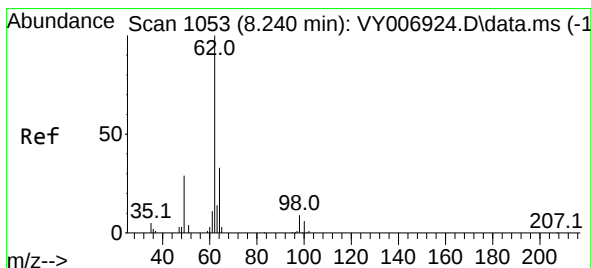
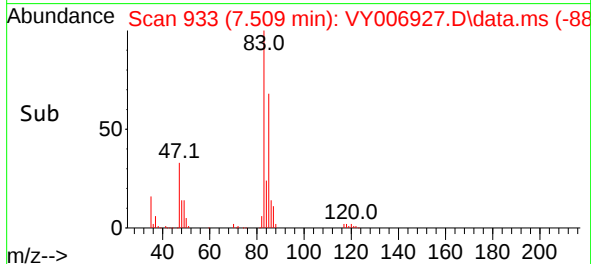
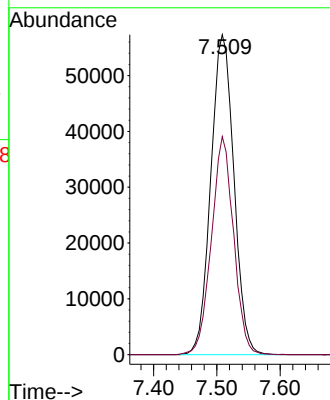
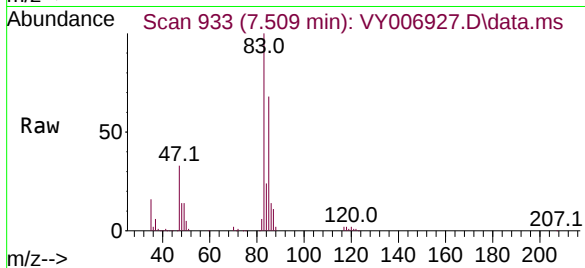




#25
Chloroform
Concen: 27.388 ug/L
RT: 7.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

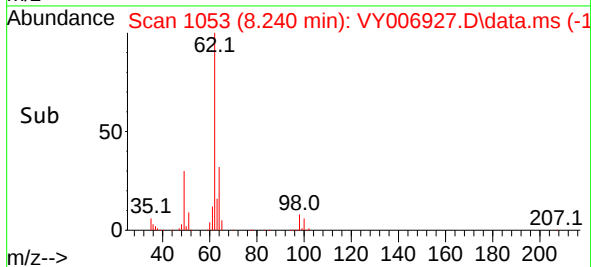
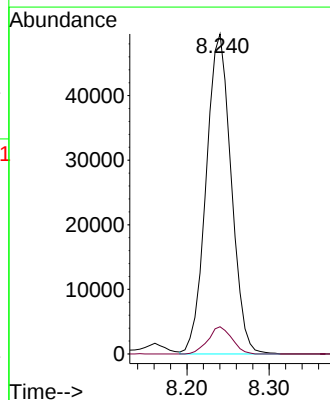
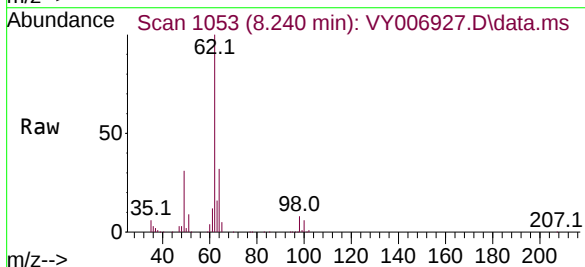
Instrument :
MSVOA_Y
ClientSampleId :
VICV806

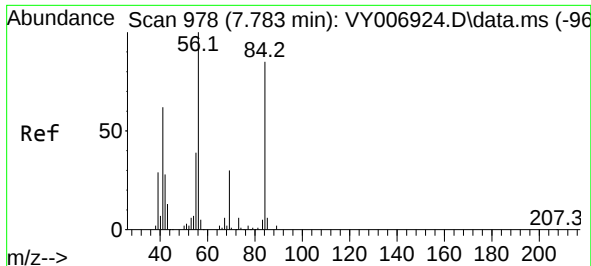
Tgt Ion: 83 Resp: 145350
Ion Ratio Lower Upper
83 100
85 68.1 45.4 84.2



#27
1,2-Dichloroethane
Concen: 27.237 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Tgt Ion: 62 Resp: 104751
Ion Ratio Lower Upper
62 100
98 8.5 6.9 10.3

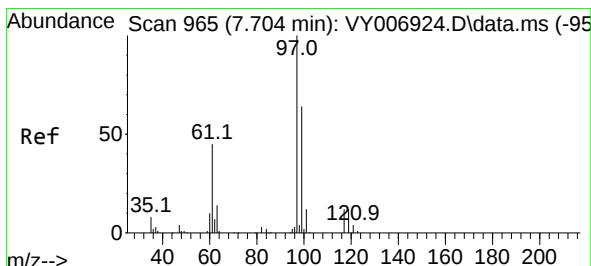
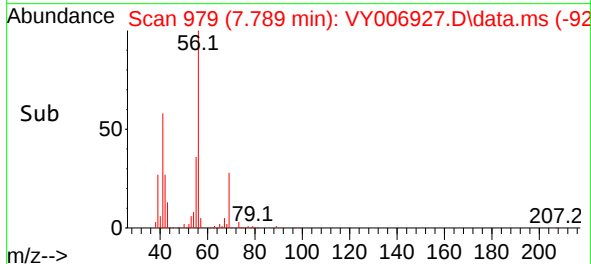
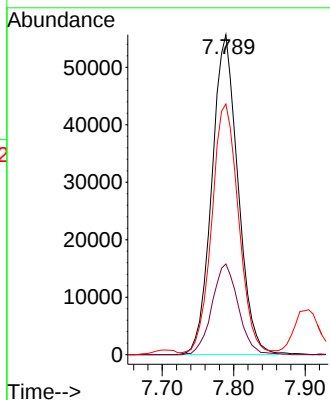
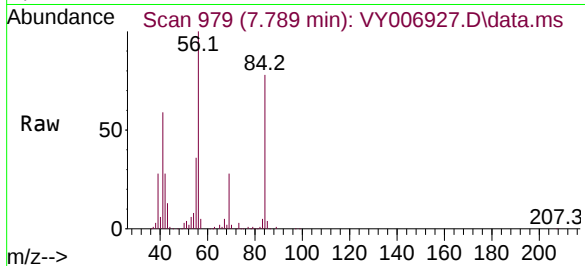




#29
Cyclohexane
Concen: 27.876 ug/L
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

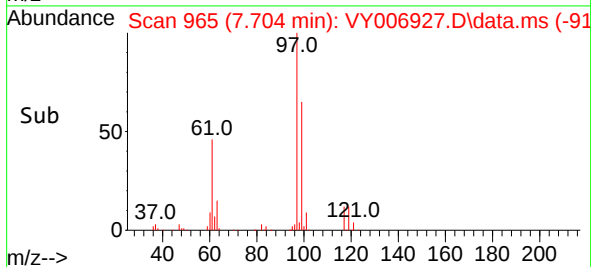
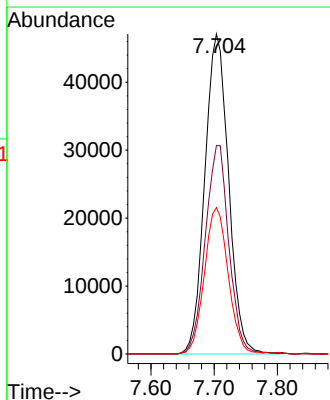
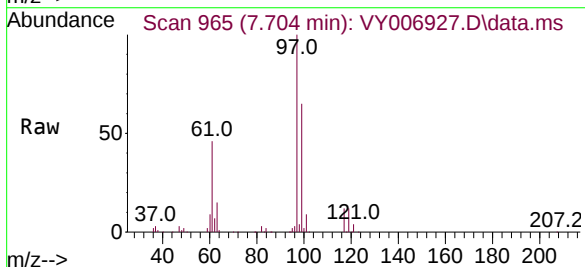
Instrument :
MSVOA_Y
ClientSampleId :
VICV806

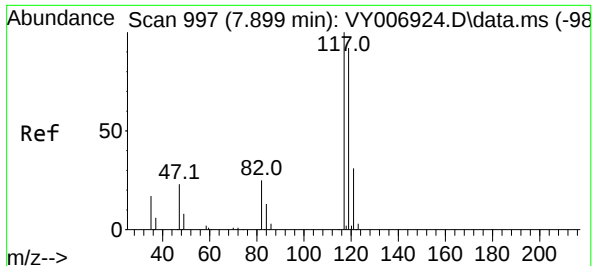
Tgt Ion: 56 Resp: 141179
Ion Ratio Lower Upper
56 100
69 28.6 24.1 36.1
84 81.1 67.8 101.6



#30
1,1,1-Trichloroethane
Concen: 26.639 ug/L
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Tgt Ion: 97 Resp: 123141
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 46.1 35.7 53.5

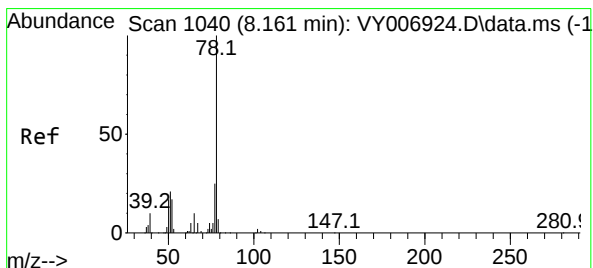
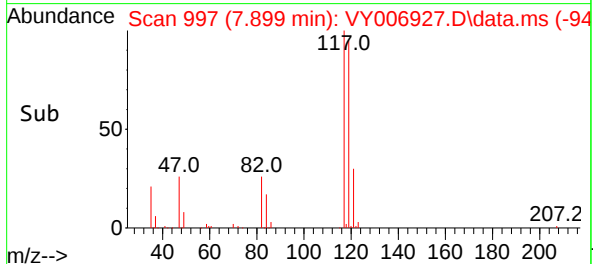
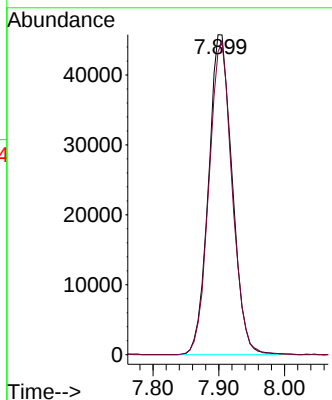
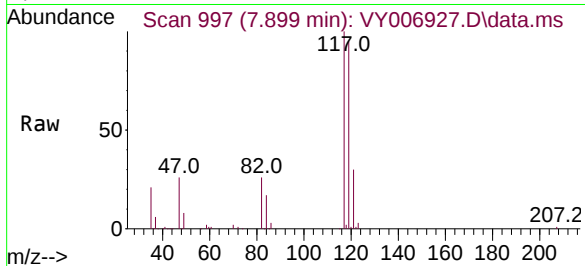




#31
Carbon tetrachloride
Concen: 26.034 ug/L
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

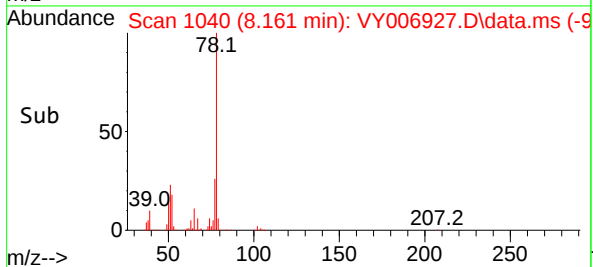
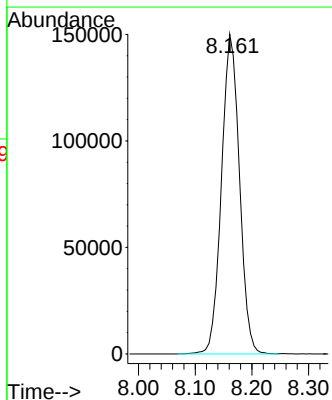
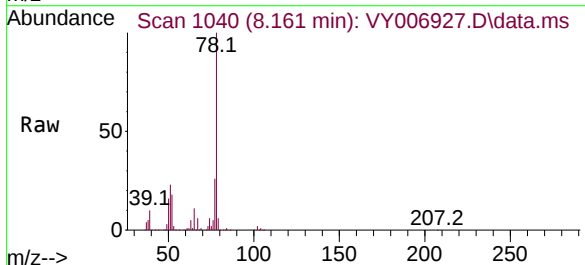
Instrument :
MSVOA_Y
ClientSampleId :
VICV806

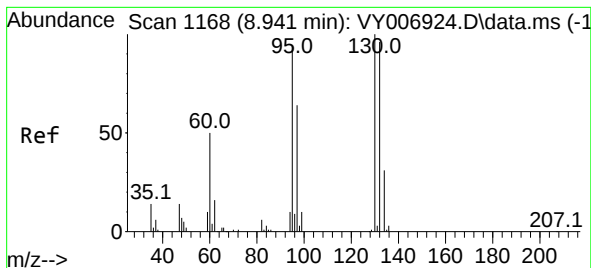
Tgt Ion:117 Resp: 114824
Ion Ratio Lower Upper
117 100
119 96.0 76.4 114.6



#33
Benzene
Concen: 27.074 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Tgt Ion: 78 Resp: 330756





#34

Trichloroethene

Concen: 26.603 ug/L

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

Instrument :

MSVOA_Y

ClientSampleId :

VICV806

Tgt Ion: 95 Resp: 80050

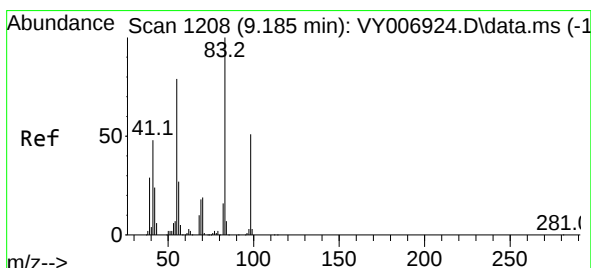
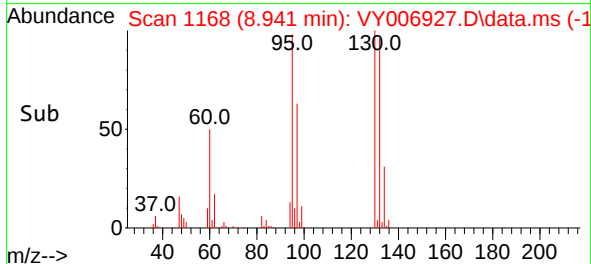
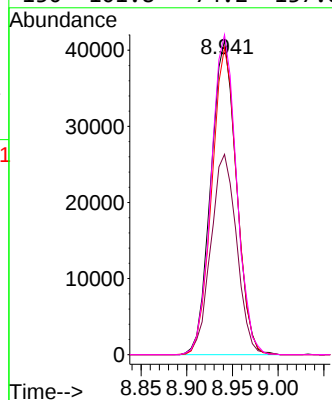
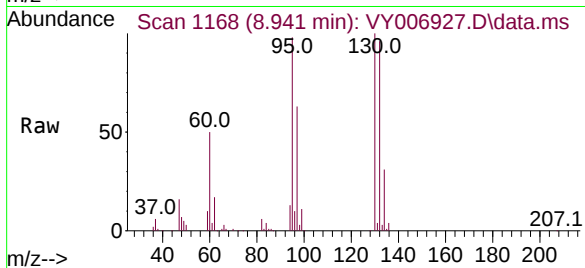
Ion Ratio Lower Upper

95 100

97 63.7 47.3 87.8

132 97.8 71.3 132.5

130 101.8 74.2 137.8



#35

Methylcyclohexane

Concen: 26.659 ug/L

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

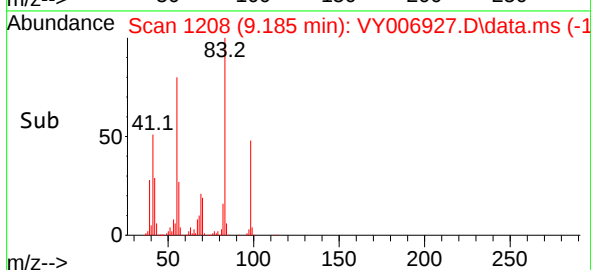
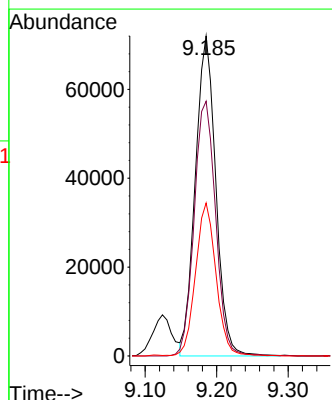
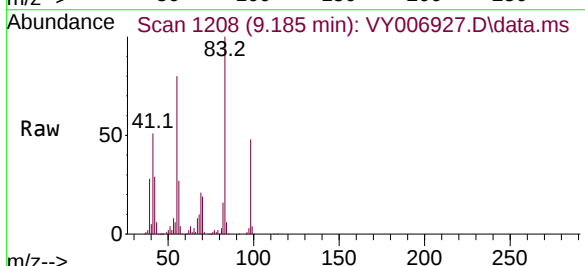
Tgt Ion: 83 Resp: 143742

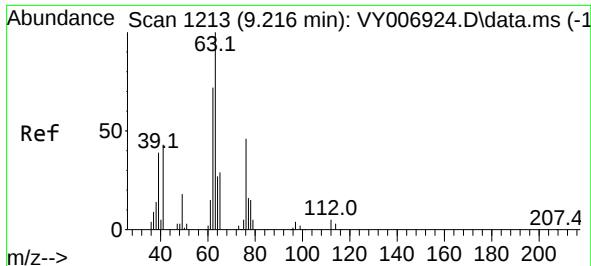
Ion Ratio Lower Upper

83 100

55 83.1 62.6 94.0

98 47.4 39.1 58.7





#37

1,2-Dichloropropane

Concen: 27.456 ug/L

RT: 9.216 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

Instrument :

MSVOA_Y

ClientSampleId :

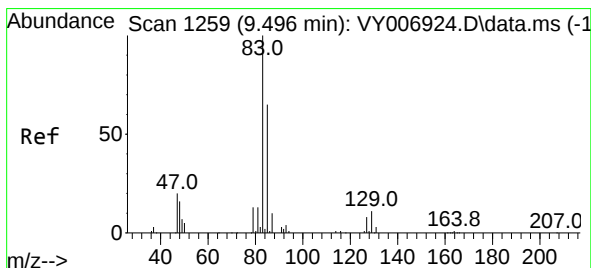
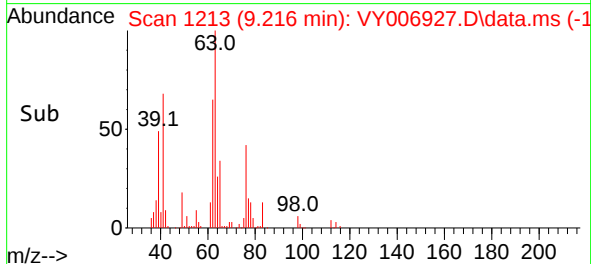
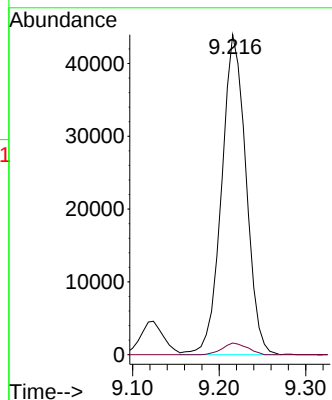
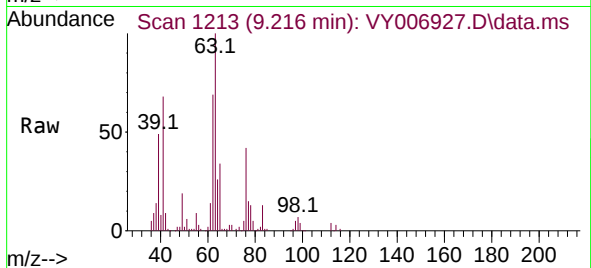
VICV806

Tgt Ion: 63 Resp: 85983

Ion Ratio Lower Upper

63 100

112 3.7 3.4 5.2



#38

Bromodichloromethane

Concen: 27.129 ug/L

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

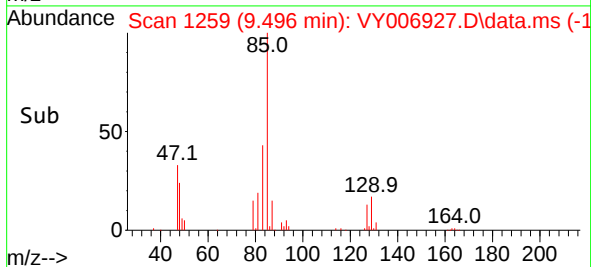
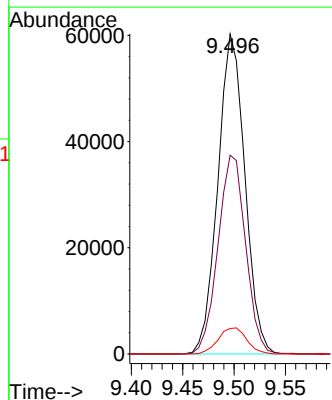
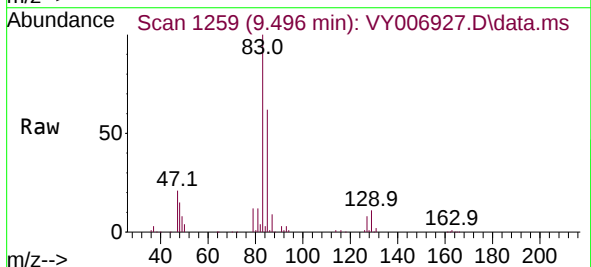
Tgt Ion: 83 Resp: 110072

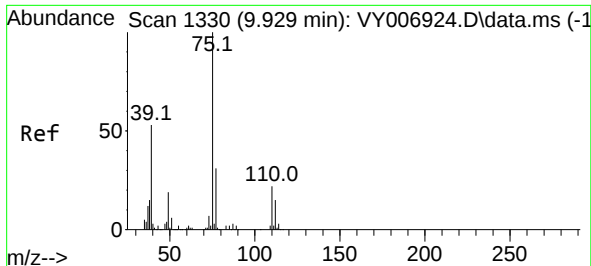
Ion Ratio Lower Upper

83 100

85 62.1 45.4 84.2

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 26.996 ug/L

RT: 9.929 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

Instrument :

MSVOA_Y

ClientSampleId :

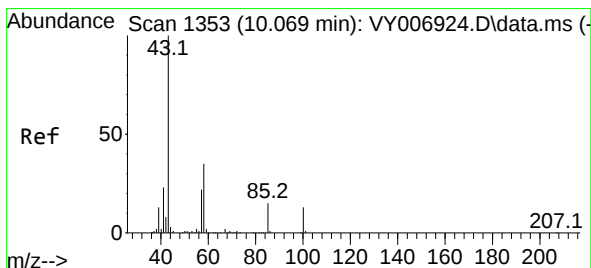
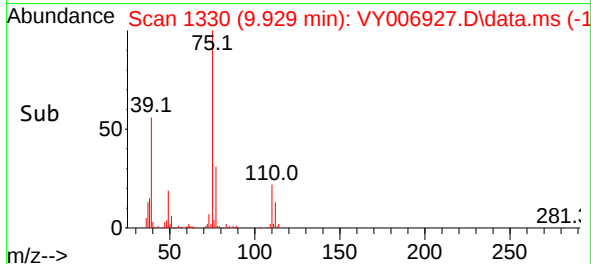
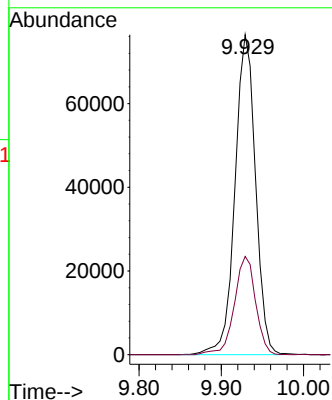
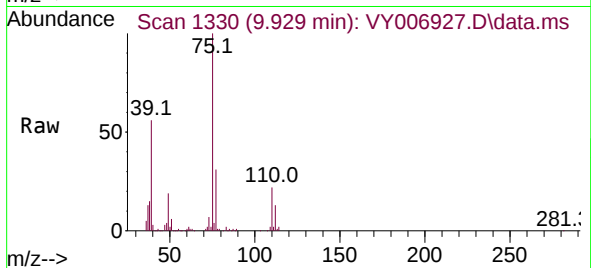
VICV806

Tgt Ion: 75 Resp: 132711

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 53.301 ug/L

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

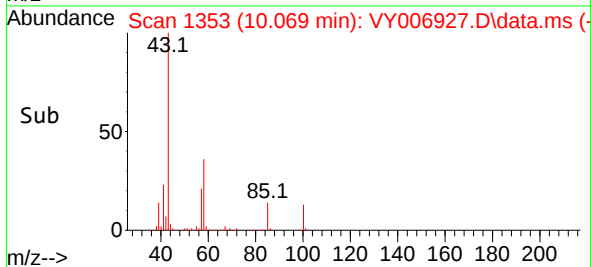
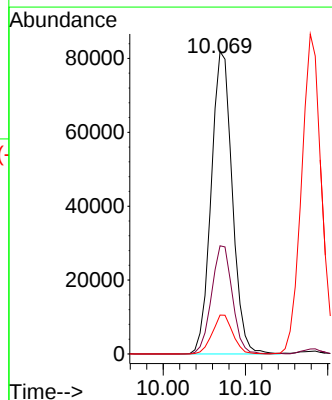
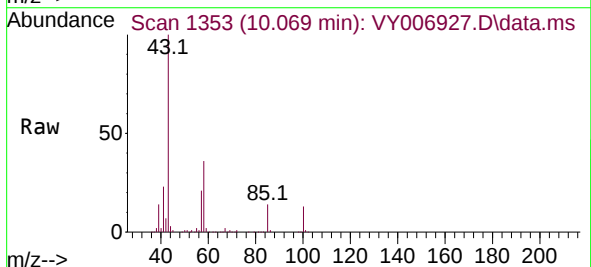
Tgt Ion: 43 Resp: 145589

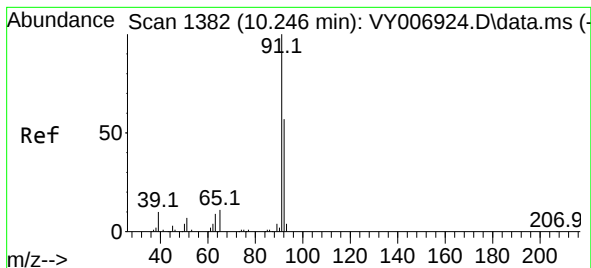
Ion Ratio Lower Upper

43 100

58 35.4 28.6 43.0

100 12.5 11.1 16.7





#42

Toluene

Concen: 27.037 ug/L

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

Instrument :

MSVOA_Y

ClientSampleId :

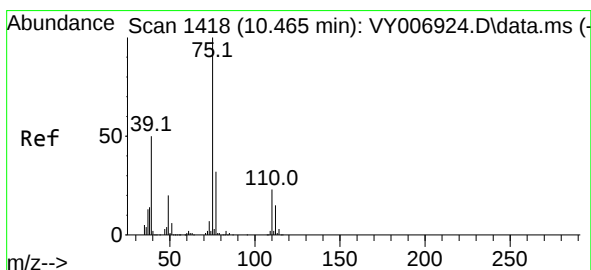
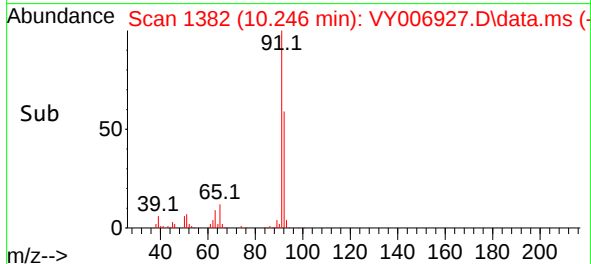
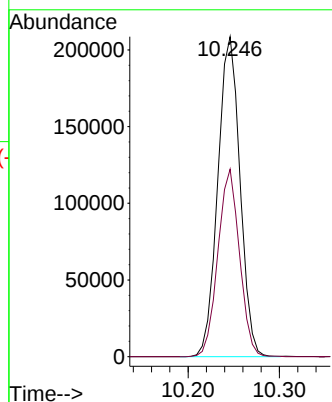
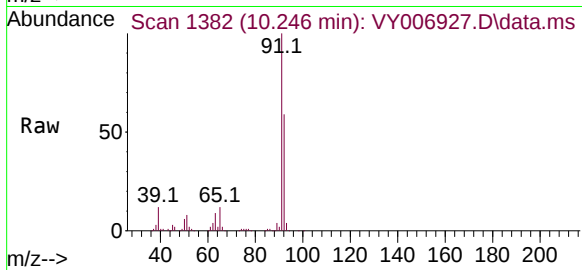
VICV806

Tgt Ion: 91 Resp: 352382

Ion Ratio Lower Upper

91 100

92 58.6 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 26.915 ug/L

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY006927.D

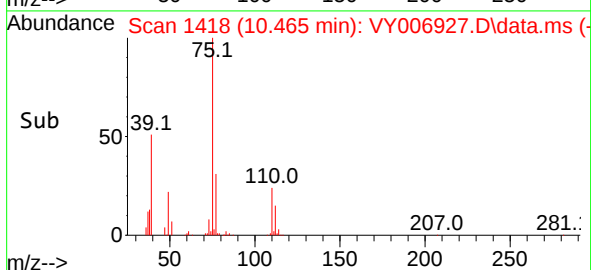
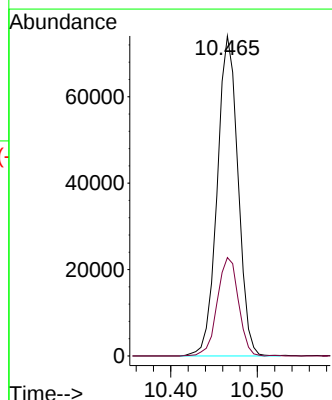
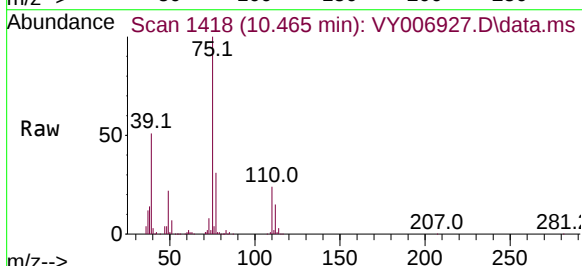
Acq: 03 Dec 2021 20:17

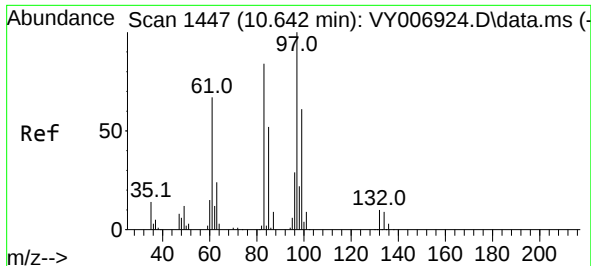
Tgt Ion: 75 Resp: 123645

Ion Ratio Lower Upper

75 100

77 30.7 22.6 42.0

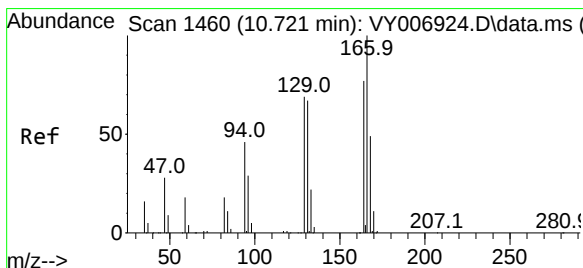
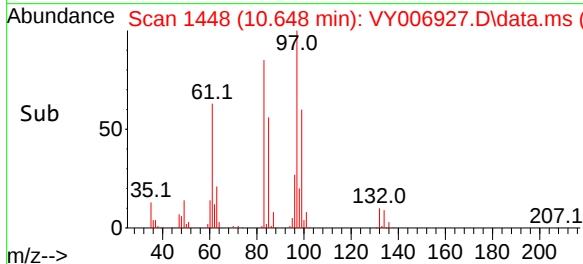
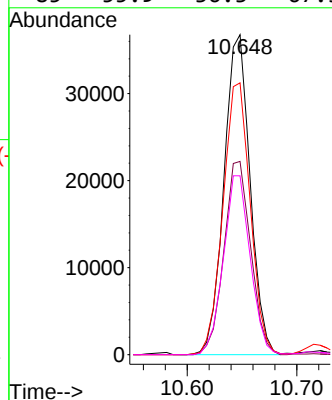
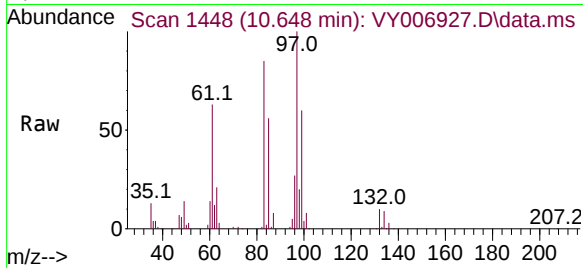




#45
1,1,2-Trichloroethane
Concen: 26.393 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

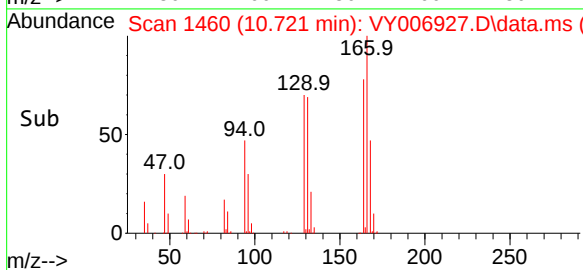
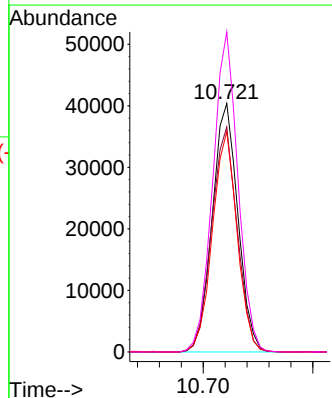
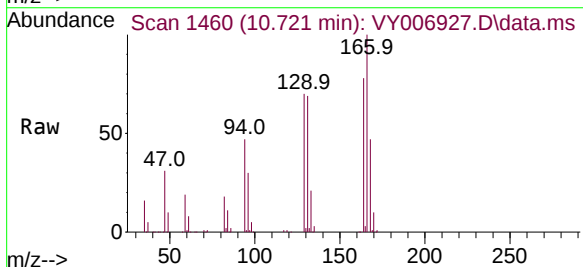
Instrument :
MSVOA_Y
ClientSampleId :
VICV806

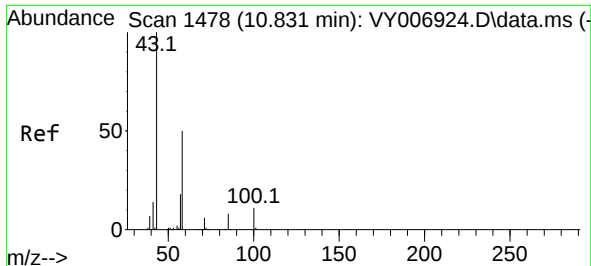
Tgt Ion: 97	Resp: 60897
Ion Ratio	Lower Upper
97 100	
99 60.4	43.0 79.8
83 84.9	58.9 109.3
85 55.9	36.3 67.3



#46
Tetrachloroethene
Concen: 26.009 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Tgt Ion:164	Resp: 65570		
Ion	Ratio	Lower	Upper
164	100		
129	90.5	62.1	115.3
131	88.8	61.0	113.2
166	128.8	90.4	168.0



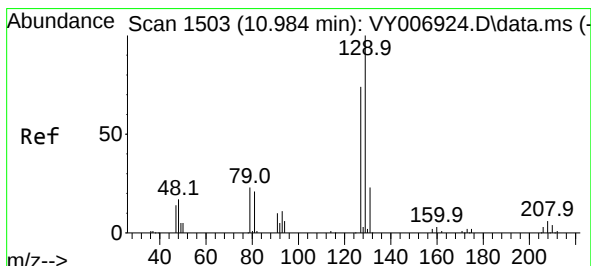
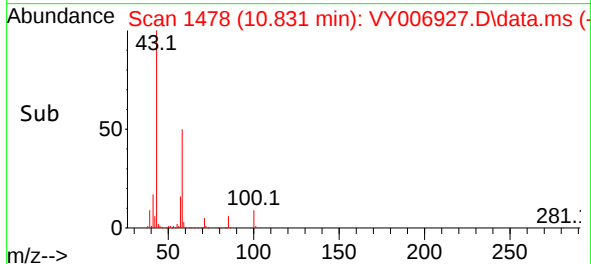
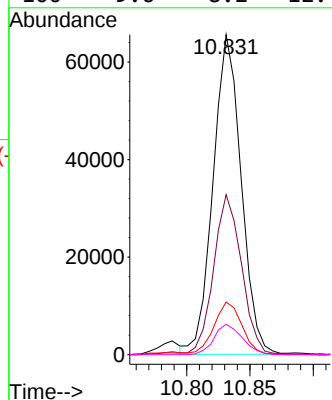
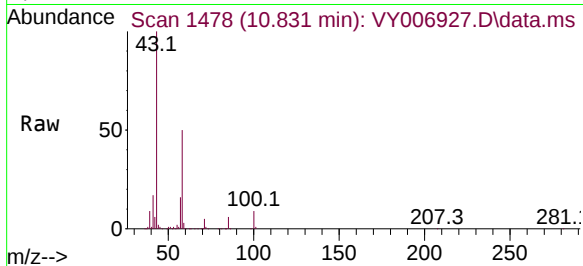


#48
2-Hexanone
Concen: 56.102 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Instrument :
MSVOA_Y
ClientSampleId :
VICV806

Tgt Ion: 43 Resp: 101126

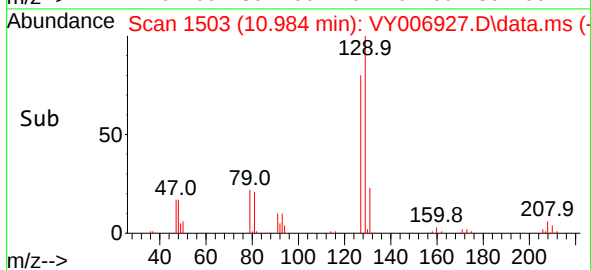
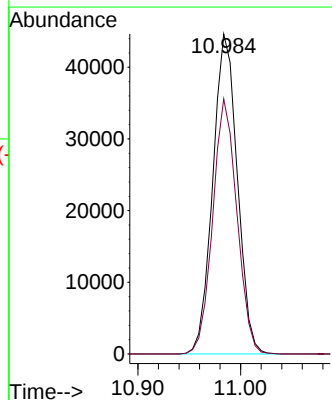
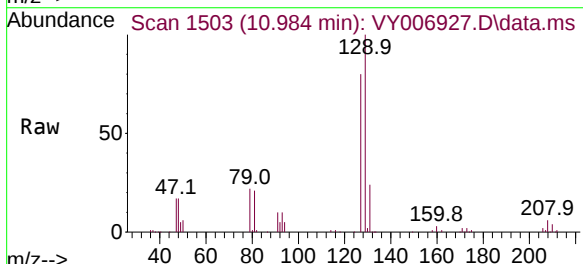
Ion	Ratio	Lower	Upper
43	100		
58	50.0	39.9	59.9
57	16.4	14.2	21.4
100	9.6	8.2	12.4

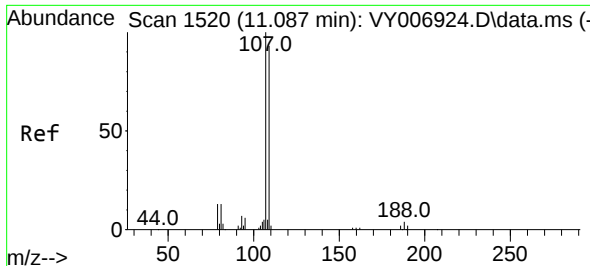


#49
Dibromochloromethane
Concen: 26.353 ug/L
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Tgt Ion: 129 Resp: 73997

Ion	Ratio	Lower	Upper
129	100		
127	79.7	52.1	96.9





#50

1,2-Dibromoethane

Concen: 26.227 ug/L

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

Instrument :

MSVOA_Y

ClientSampleId :

VICV806

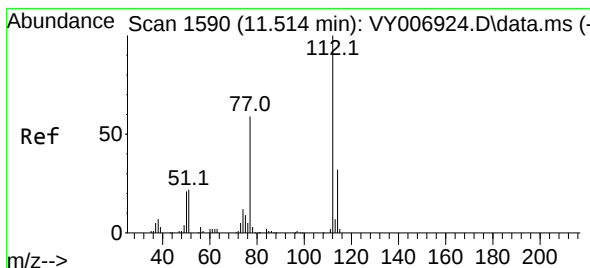
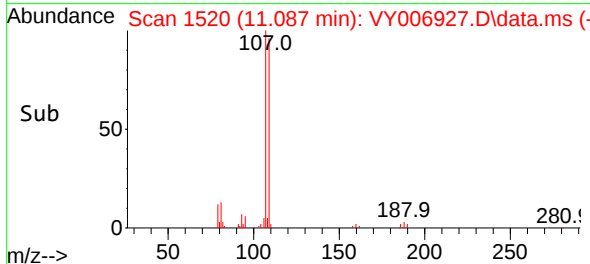
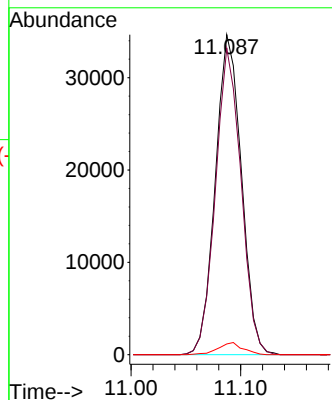
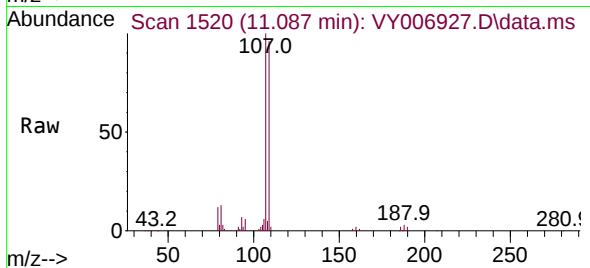
Tgt Ion:107 Resp: 57271

Ion Ratio Lower Upper

107 100

109 95.8 65.2 121.0

188 3.3 3.1 4.7



#51

Chlorobenzene

Concen: 26.769 ug/L

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

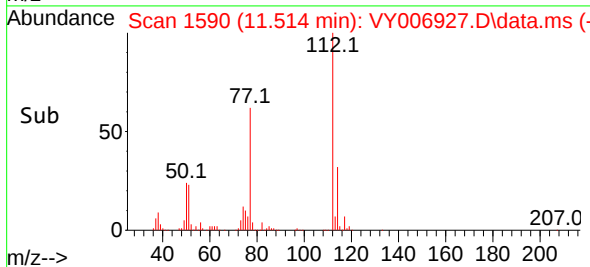
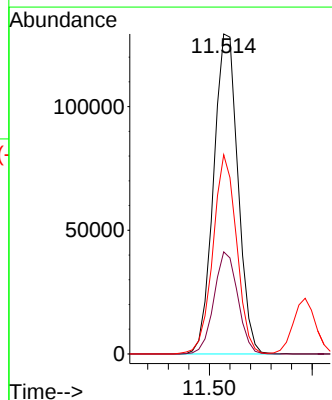
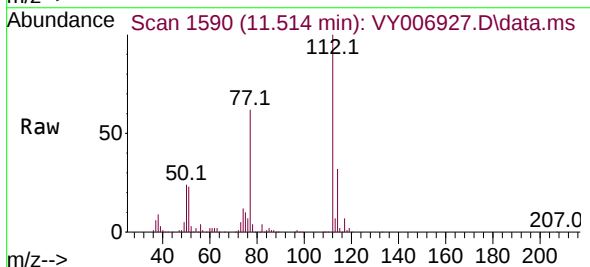
Tgt Ion:112 Resp: 212786

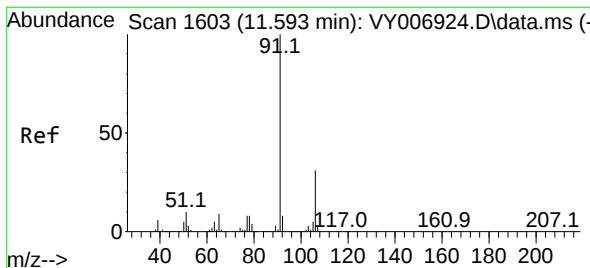
Ion Ratio Lower Upper

112 100

114 31.9 22.2 41.2

77 62.3 47.6 71.4

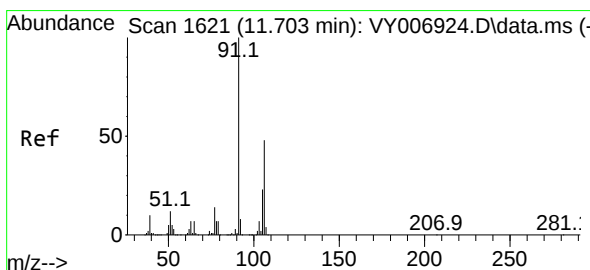
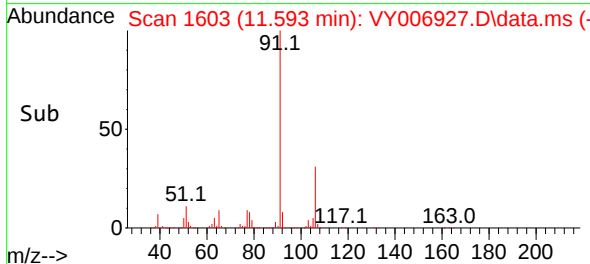
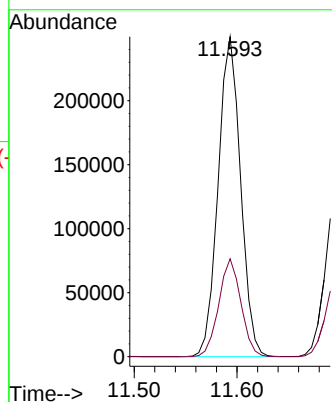
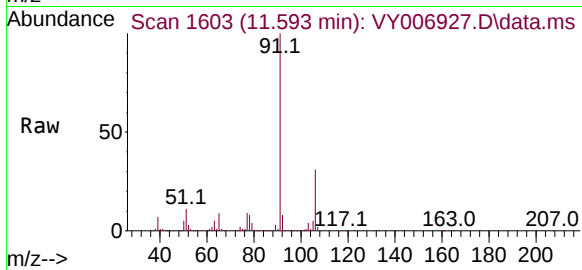




#52
Ethylbenzene
Concen: 27.018 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

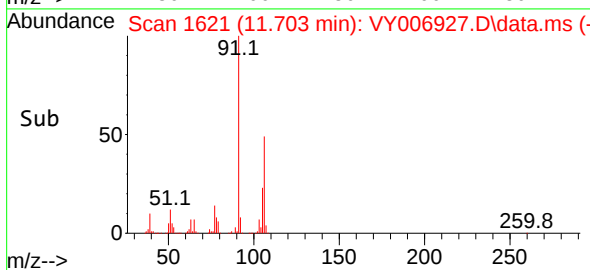
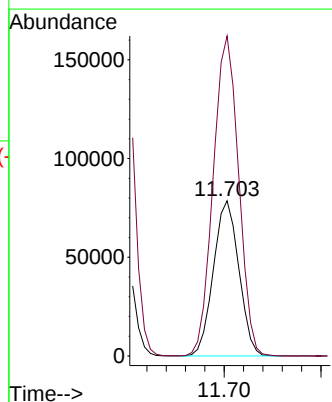
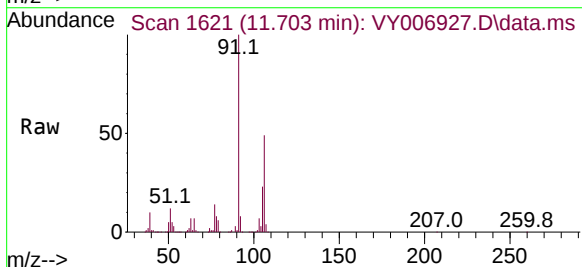
Instrument :
MSVOA_Y
ClientSampleId :
VICV806

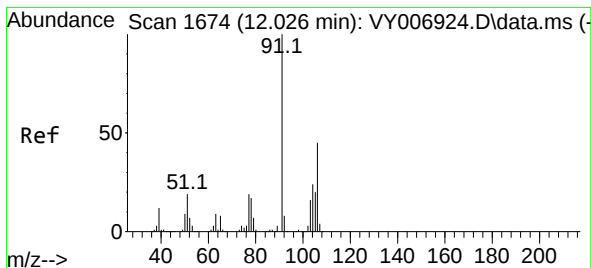
Tgt Ion: 91 Resp: 378515
Ion Ratio Lower Upper
91 100
106 30.6 21.4 39.8



#53
m,p-Xylene
Concen: 27.086 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Tgt Ion: 106 Resp: 143544
Ion Ratio Lower Upper
106 100
91 206.1 144.7 268.7





#54

o-Xylene

Concen: 27.141 ug/L

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

Instrument :

MSVOA_Y

ClientSampleId :

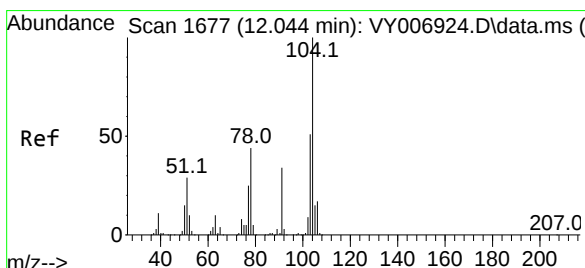
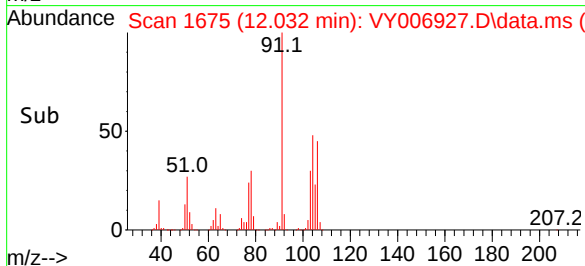
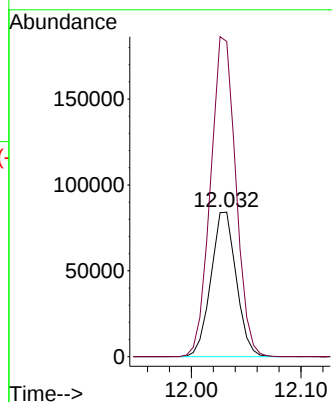
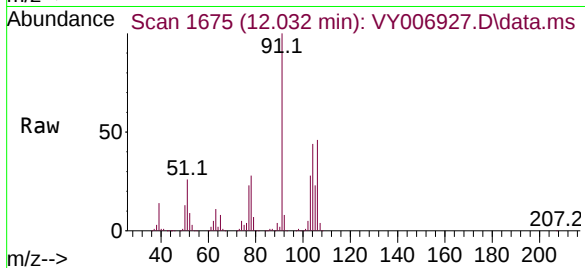
VICV806

Tgt Ion:106 Resp: 135307

Ion Ratio Lower Upper

106 100

91 218.3 155.5 288.7



#55

Styrene

Concen: 27.370 ug/L

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY006927.D

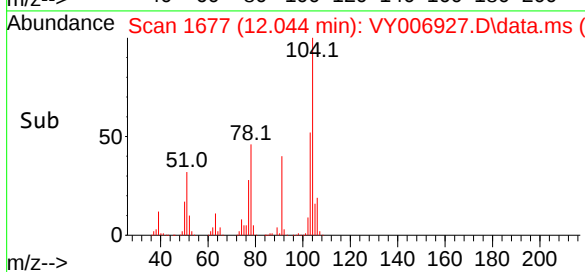
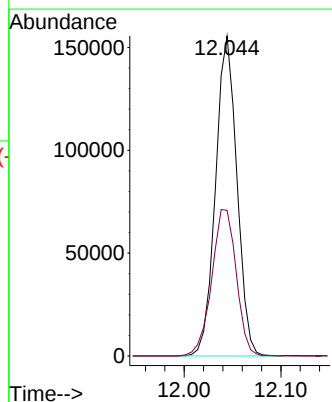
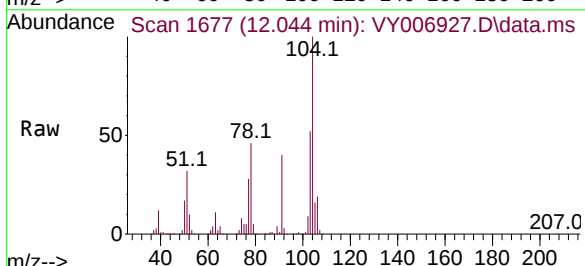
Acq: 03 Dec 2021 20:17

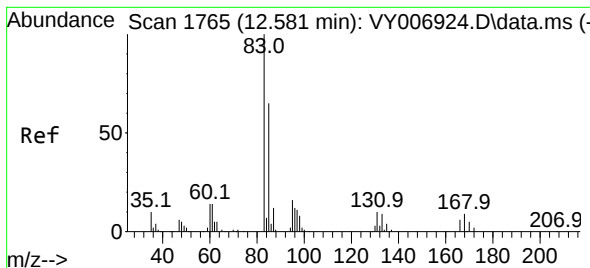
Tgt Ion:104 Resp: 238729

Ion Ratio Lower Upper

104 100

78 45.5 30.8 57.2

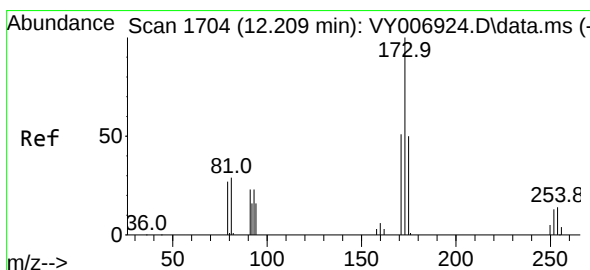
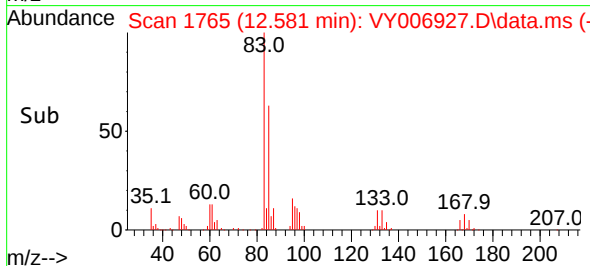
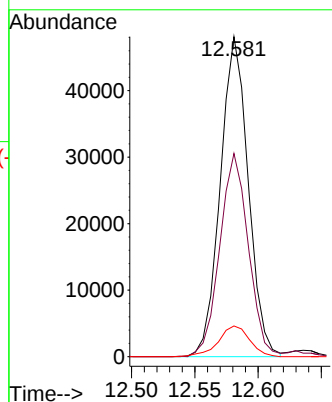
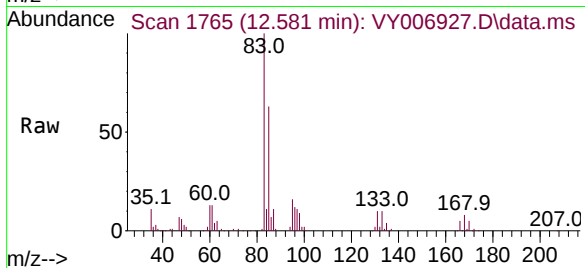




#57
1,1,2,2-Tetrachloroethane
Concen: 26.527 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

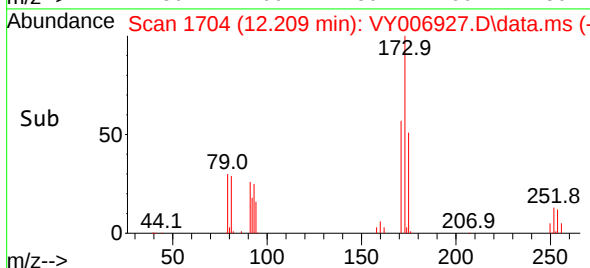
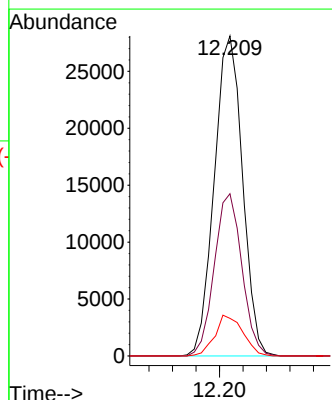
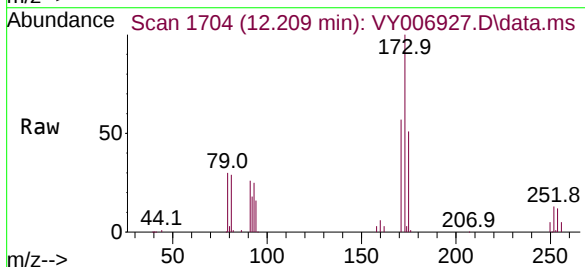
Instrument :
MSVOA_Y
ClientSampleId :
VICV806

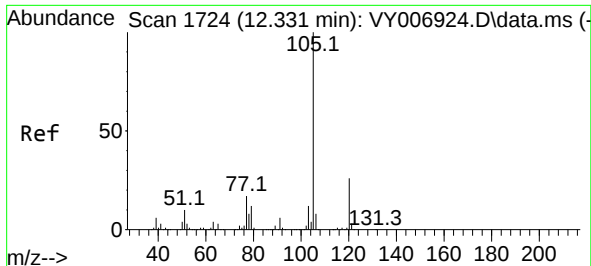
Tgt Ion: 83 Resp: 73849
Ion Ratio Lower Upper
83 100
85 63.5 45.4 84.2
131 9.6 7.8 11.8



#59
Bromoform
Concen: 25.242 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Tgt Ion: 173 Resp: 46907
Ion Ratio Lower Upper
173 100
175 49.6 38.6 58.0
254 12.6 10.3 15.5

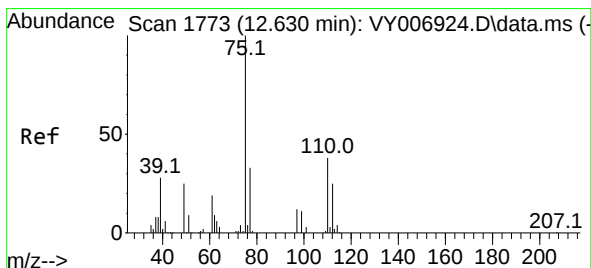
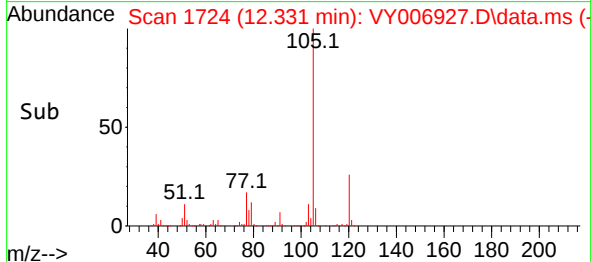
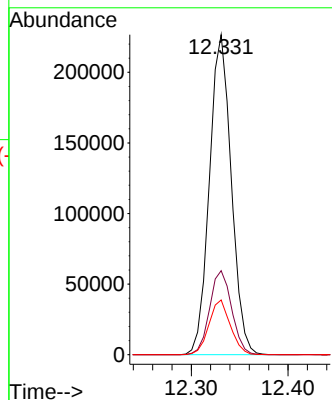
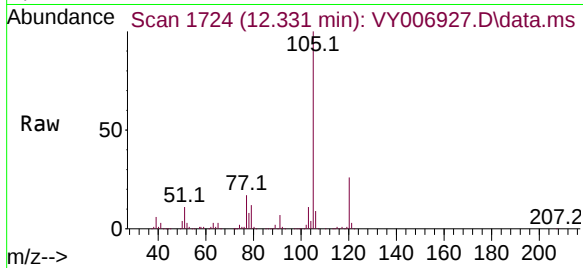




#60
Isopropylbenzene
Concen: 26.716 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

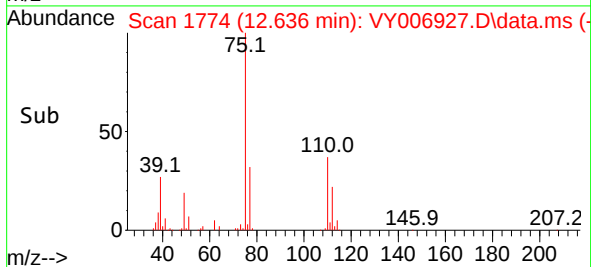
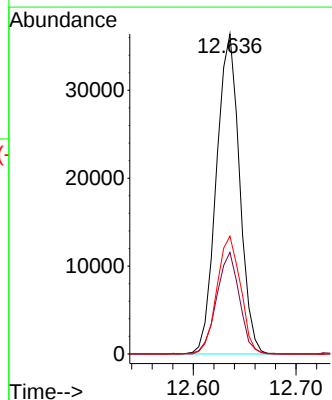
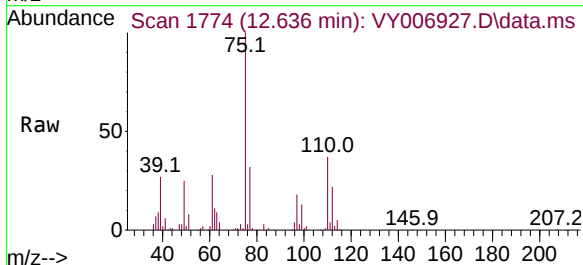
Instrument :
MSVOA_Y
ClientSampleId :
VICV806

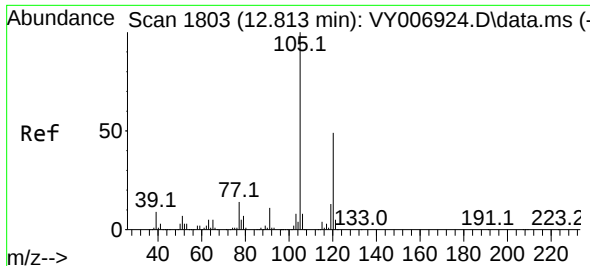
Tgt Ion:105 Resp: 356236
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 16.7 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 25.724 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Tgt Ion: 75 Resp: 56974
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
110 37.3 31.7 47.5

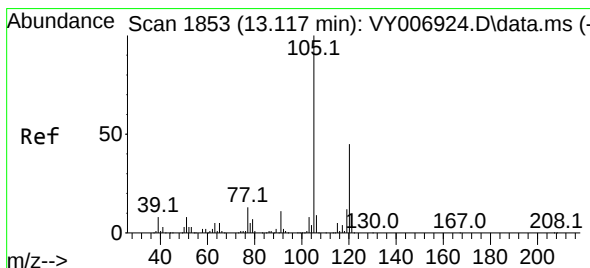
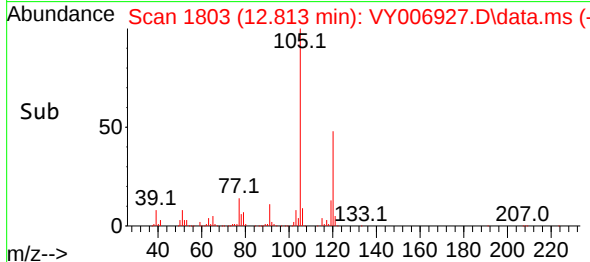
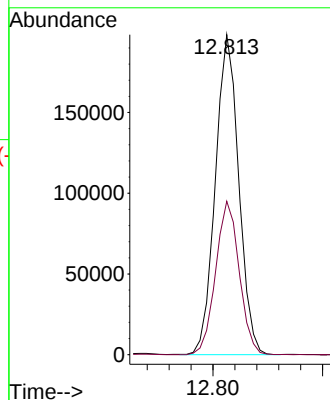
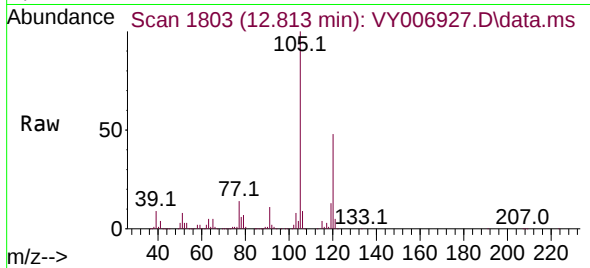




#62
1,3,5-Trimethylbenzene
Concen: 26.809 ug/L
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

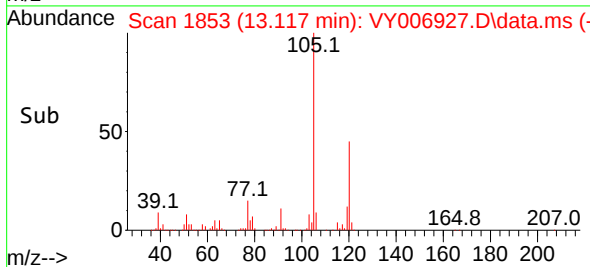
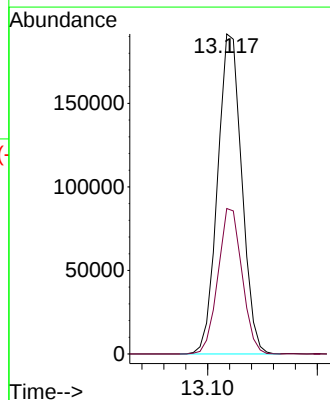
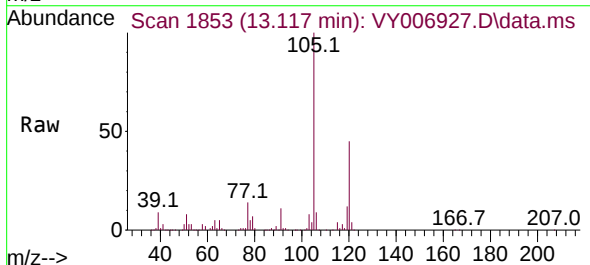
Instrument :
MSVOA_Y
ClientSampleId :
VICV806

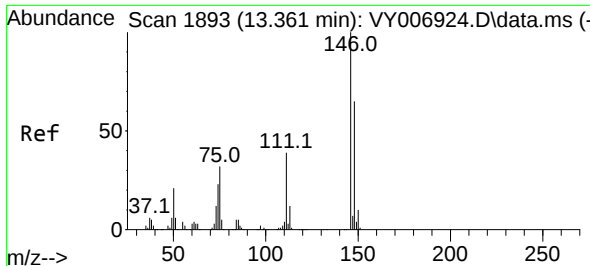
Tgt Ion:105 Resp: 293922
Ion Ratio Lower Upper
105 100
120 48.3 39.0 58.4



#63
1,2,4-Trimethylbenzene
Concen: 27.402 ug/L
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Tgt Ion:105 Resp: 293857
Ion Ratio Lower Upper
105 100
120 45.2 36.0 54.0

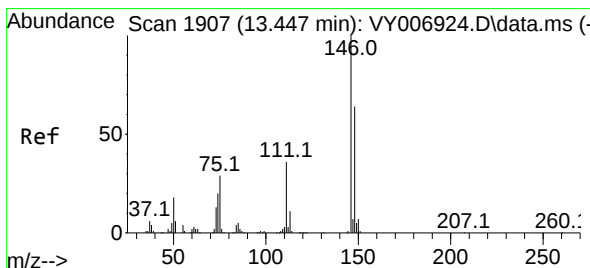
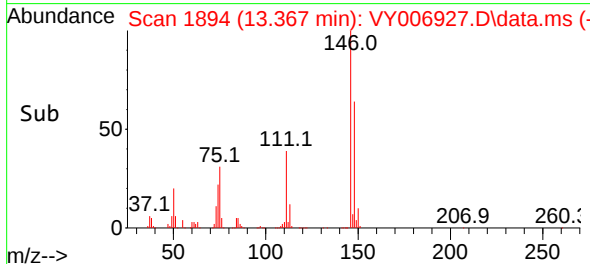
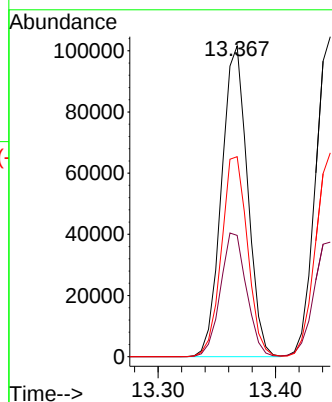
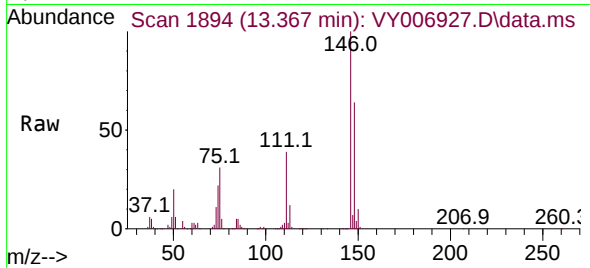




#64
1,3-Dichlorobenzene
Concen: 26.008 ug/L
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

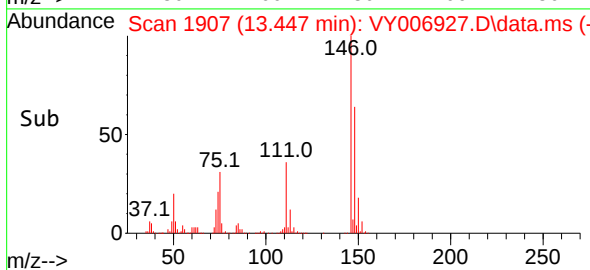
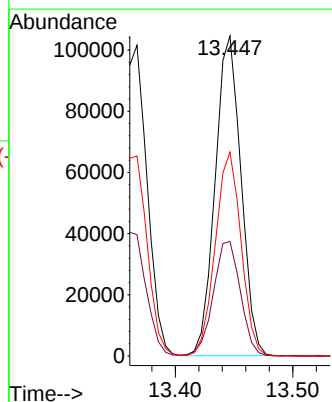
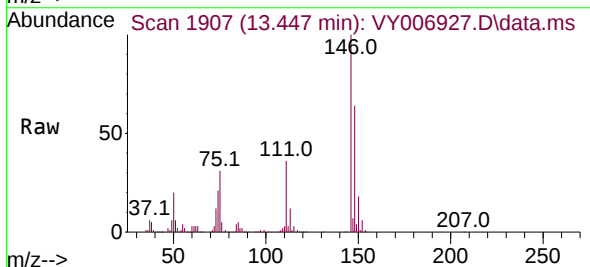
Instrument :
MSVOA_Y
ClientSampleId :
VICV806

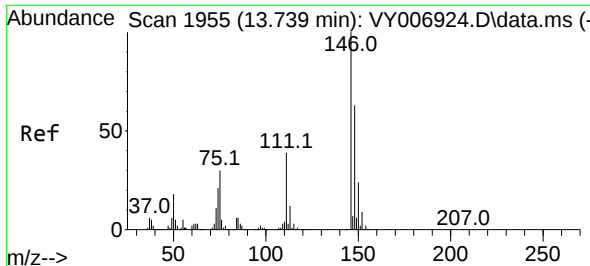
Tgt Ion:146 Resp: 156078
Ion Ratio Lower Upper
146 100
111 39.0 27.4 51.0
148 64.4 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 26.169 ug/L
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Tgt Ion:146 Resp: 160026
Ion Ratio Lower Upper
146 100
111 35.8 25.3 46.9
148 63.7 44.9 83.5

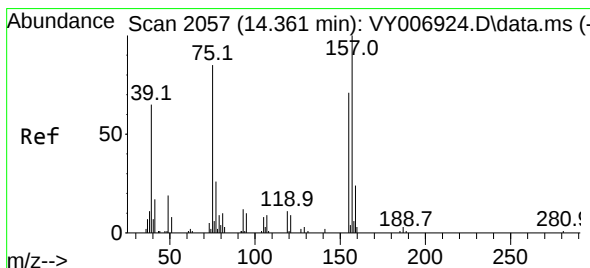
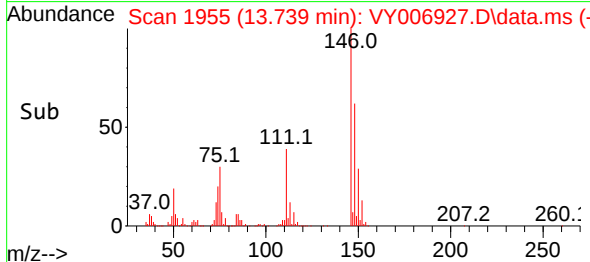
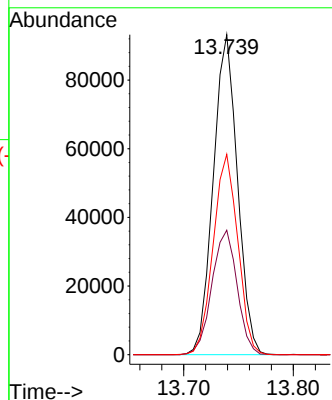
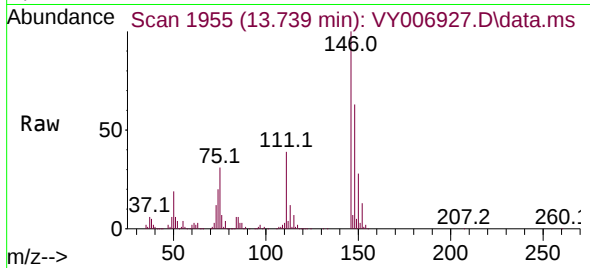




#67
1,2-Dichlorobenzene
Concen: 26.621 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

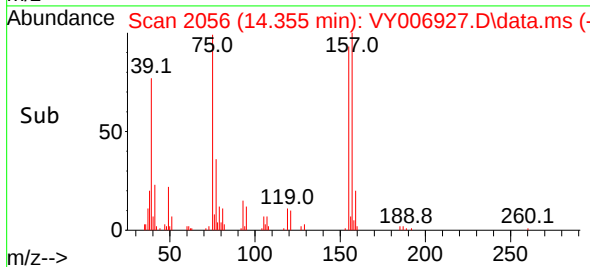
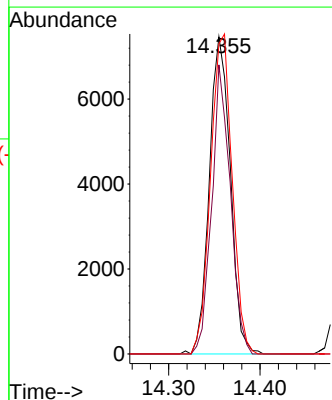
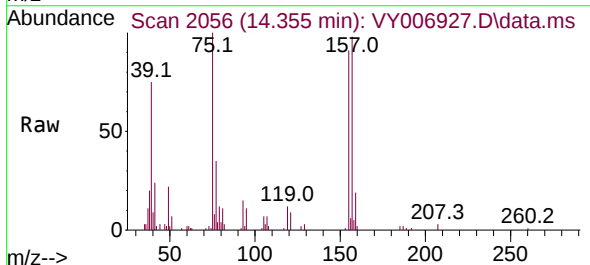
Instrument :
MSVOA_Y
ClientSampleId :
VICV806

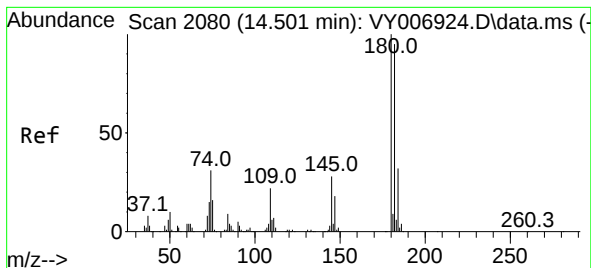
Tgt Ion:146 Resp: 143054
Ion Ratio Lower Upper
146 100
111 38.9 31.0 46.6
148 62.6 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 24.928 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006927.D
Acq: 03 Dec 2021 20:17

Tgt Ion: 75 Resp: 11888
Ion Ratio Lower Upper
75 100
155 91.1 66.3 99.5
157 97.8 93.9 140.9





#69

1,3,5-Trichlorobenzene

Concen: 26.661 ug/L

RT: 14.501 min Scan# 2080

Delta R.T. 0.000 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

Instrument :

MSVOA_Y

ClientSampleId :

VICV806

Tgt Ion:180 Resp: 108883

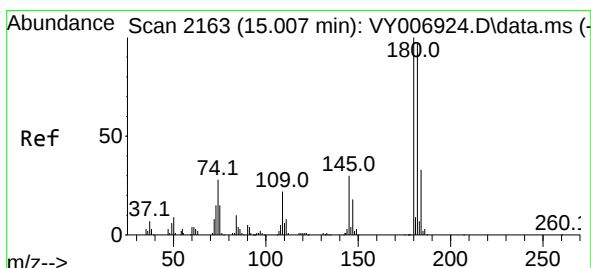
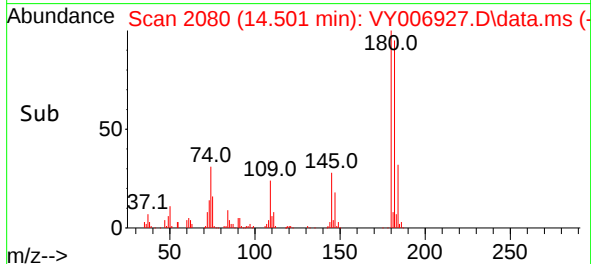
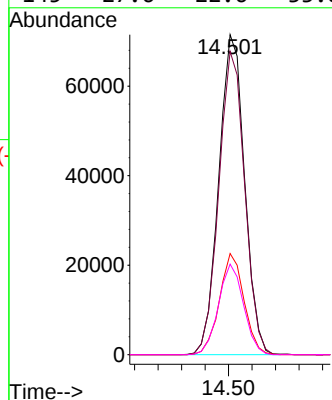
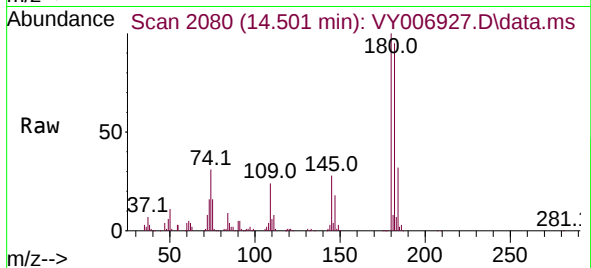
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

184 30.2 24.6 36.8

145 27.6 22.6 33.8



#70

1,2,4-trichlorobenzene

Concen: 26.125 ug/L

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

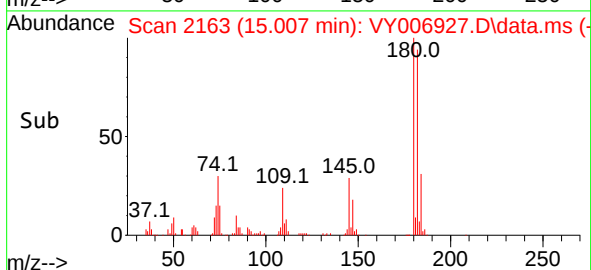
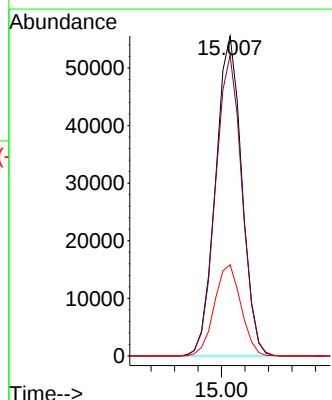
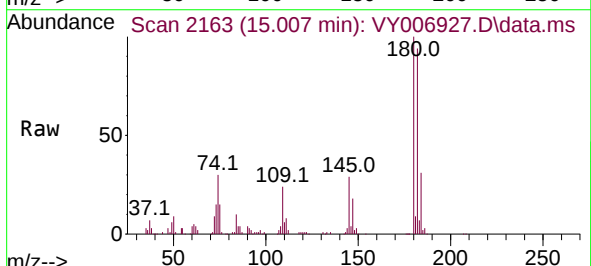
Tgt Ion:180 Resp: 86052

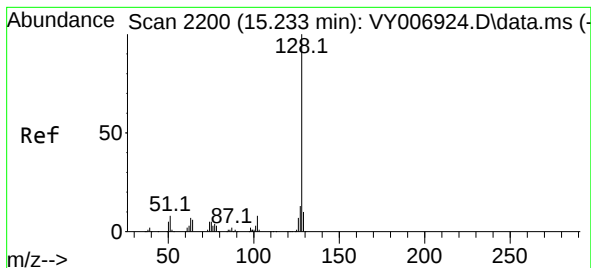
Ion Ratio Lower Upper

180 100

182 95.1 75.6 113.4

145 28.9 23.0 34.6





#71

Naphthalene

Concen: 27.007 ug/L

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

Instrument :

MSVOA_Y

ClientSampleId :

VICV806

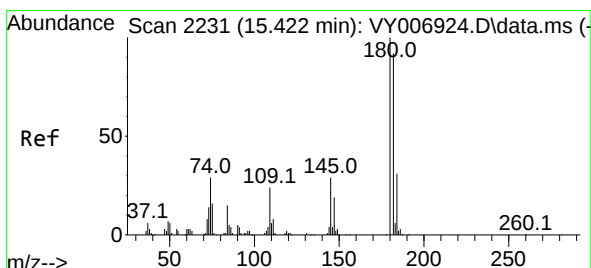
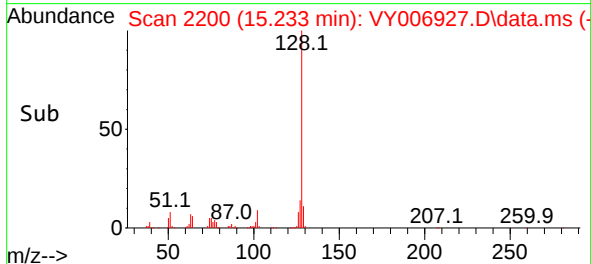
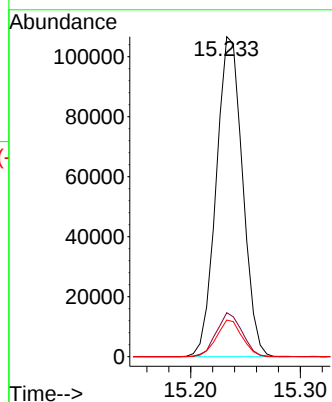
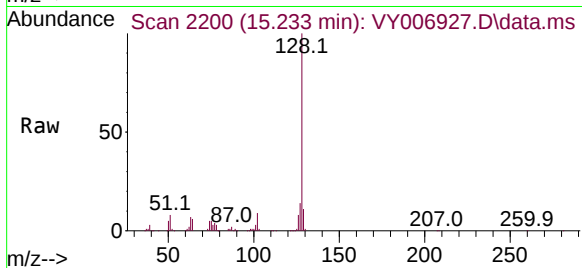
Tgt Ion:128 Resp: 178250

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 26.784 ug/L

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY006927.D

Acq: 03 Dec 2021 20:17

Tgt Ion:180 Resp: 74546

Ion Ratio Lower Upper

180 100

182 94.3 75.5 113.3

145 29.9 23.5 35.3

