

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019082.D
 Acq On : 16 Aug 2024 10:02
 Operator : SY/MD
 Sample : VY0816SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 23:10:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	131711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	214571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	176063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	92651	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	63348	47.980	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.960%
35) Dibromofluoromethane	7.622	113	66269	47.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.460%
50) Toluene-d8	10.103	98	229063	45.369	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.740%
62) 4-Bromofluorobenzene	12.402	95	78631	45.685	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	16234	16.799	ug/l	95
3) Chloromethane	2.068	50	30555	17.542	ug/l	99
4) Vinyl Chloride	2.196	62	39983	18.584	ug/l	99
5) Bromomethane	2.580	94	32418	21.282	ug/l	98
6) Chloroethane	2.726	64	26224	17.915	ug/l	100
7) Trichlorofluoromethane	3.043	101	59932	18.425	ug/l	99
8) Diethyl Ether	3.446	74	12549	17.873	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.799	101	27536	19.042	ug/l	99
10) Methyl Iodide	3.988	142	22370	15.782	ug/l	95
11) Tert butyl alcohol	4.824	59	16371	124.749	ug/l #	89
12) 1,1-Dichloroethene	3.781	96	24586	18.713	ug/l	94
13) Acrolein	3.641	56	11264	101.922	ug/l	97
14) Allyl chloride	4.379	41	33245	19.032	ug/l	94
15) Acrylonitrile	5.037	53	27633	96.186	ug/l	99
16) Acetone	3.860	43	24592	100.436	ug/l #	82
17) Carbon Disulfide	4.092	76	65658	17.718	ug/l	98
18) Methyl Acetate	4.366	43	14500	19.295	ug/l	96
19) Methyl tert-butyl Ether	5.104	73	59946	18.820	ug/l	97
20) Methylene Chloride	4.604	84	35429	16.433	ug/l	92
21) trans-1,2-Dichloroethene	5.104	96	27143	18.492	ug/l	95
22) Diisopropyl ether	6.000	45	74492	18.629	ug/l #	87
23) Vinyl Acetate	5.945	43	297512	93.974	ug/l	96
24) 1,1-Dichloroethane	5.903	63	45464	18.591	ug/l	97
25) 2-Butanone	6.884	43	36058	91.441	ug/l	92
26) 2,2-Dichloropropane	6.866	77	36306	18.334	ug/l	98
27) cis-1,2-Dichloroethene	6.872	96	31197	18.060	ug/l	98
28) Bromochloromethane	7.232	49	20031	19.527	ug/l	95
29) Tetrahydrofuran	7.244	42	22094	87.161	ug/l	94
30) Chloroform	7.409	83	49895	18.310	ug/l	96
31) Cyclohexane	7.695	56	38071	17.365	ug/l	95
32) 1,1,1-Trichloroethane	7.604	97	44454	18.563	ug/l	96
36) 1,1-Dichloropropene	7.823	75	36100	18.738	ug/l	100
37) Ethyl Acetate	6.970	43	17142	20.083	ug/l	97
38) Carbon Tetrachloride	7.805	117	41912	18.772	ug/l	99
39) Methylcyclohexane	9.097	83	46388	18.763	ug/l	96
40) Benzene	8.073	78	109161	18.475	ug/l	95

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	7712	16.554	ug/l	95
42) 1,2-Dichloroethane	8.146	62	30332	19.010	ug/l	96
43) Isopropyl Acetate	8.189	43	31450	18.219	ug/l #	82
44) Trichloroethene	8.853	130	30872	18.725	ug/l	96
45) 1,2-Dichloropropane	9.128	63	24381	18.520	ug/l	94
46) Dibromomethane	9.219	93	15814	18.521	ug/l	96
47) Bromodichloromethane	9.414	83	38334	18.299	ug/l	97
48) Methyl methacrylate	9.213	41	14567	18.935	ug/l	88
49) 1,4-Dioxane	9.213	88	3681	355.884	ug/l #	96
51) 4-Methyl-2-Pentanone	9.993	43	79206	86.449	ug/l	96
52) Toluene	10.164	92	67990	17.530	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	28535	16.421	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	35434	16.955	ug/l	92
55) 1,1,2-Trichloroethane	10.573	97	20234	18.408	ug/l	94
56) Ethyl methacrylate	10.432	69	25021	17.391	ug/l #	85
57) 1,3-Dichloropropane	10.713	76	33011	18.423	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.701	63	60451	88.568	ug/l	98
59) 2-Hexanone	10.755	43	55517	88.198	ug/l	89
60) Dibromochloromethane	10.908	129	25381	16.953	ug/l	98
61) 1,2-Dibromoethane	11.012	107	18810	17.705	ug/l	98
64) Tetrachloroethene	10.646	164	27036	17.568	ug/l	94
65) Chlorobenzene	11.438	112	74384	18.348	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	25433	17.839	ug/l	98
67) Ethyl Benzene	11.518	91	124624	17.711	ug/l	92
68) m/p-Xylenes	11.627	106	100668	36.056	ug/l	99
69) o-Xylene	11.956	106	47623	18.419	ug/l	97
70) Styrene	11.969	104	78539	17.813	ug/l	98
71) Bromoform	12.133	173	14428	17.703	ug/l #	97
73) Isopropylbenzene	12.255	105	124546	17.539	ug/l	98
74) N-amyl acetate	12.072	43	26650	17.210	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	22876	18.095	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	27765	30.387	ug/l #	100
77) Bromobenzene	12.530	156	28935	16.966	ug/l	97
78) n-propylbenzene	12.597	91	153421	18.073	ug/l	99
79) 2-Chlorotoluene	12.682	91	84128	17.676	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	101489	17.543	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	6684	18.066	ug/l	92
82) 4-Chlorotoluene	12.780	91	86100	17.388	ug/l	97
83) tert-Butylbenzene	12.999	119	93877	17.572	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	101714	17.641	ug/l	97
85) sec-Butylbenzene	13.176	105	141759	18.209	ug/l	100
86) p-Isopropyltoluene	13.292	119	117473	18.370	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	61073	18.159	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	61866	18.505	ug/l	99
89) n-Butylbenzene	13.615	91	108706	18.645	ug/l	99
90) Hexachloroethane	13.877	117	22670	17.986	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	54679	18.485	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3329	17.900	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	31424	18.838	ug/l	99
94) Hexachlorobutadiene	15.023	225	18008	20.725	ug/l	98
95) Naphthalene	15.145	128	53096	17.834	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	26698	18.976	ug/l	98

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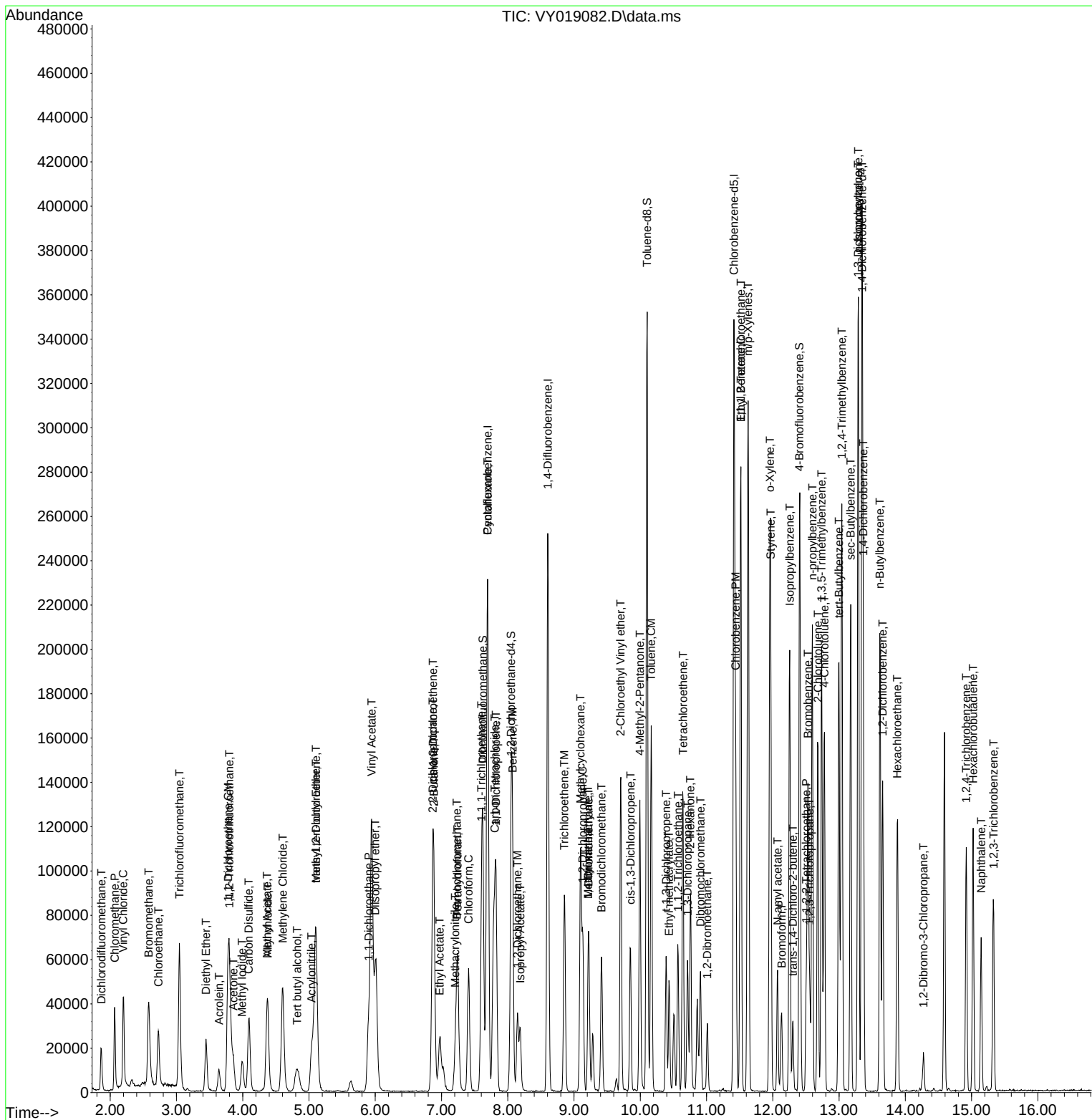
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MSVOA_Y
ClientSampleId :

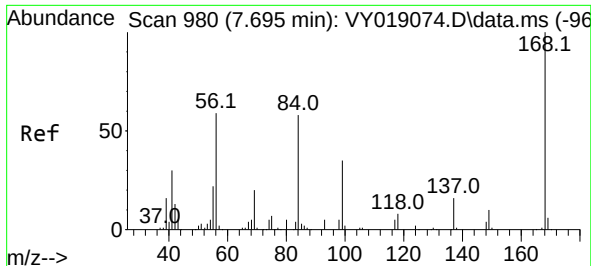
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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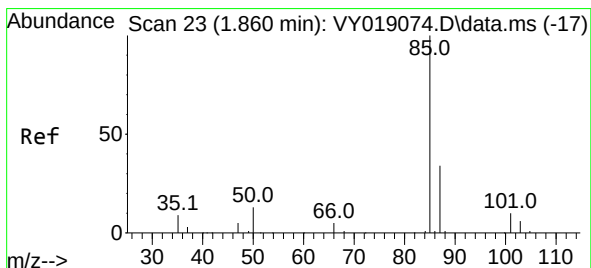
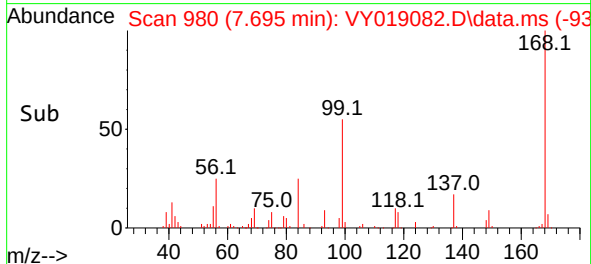
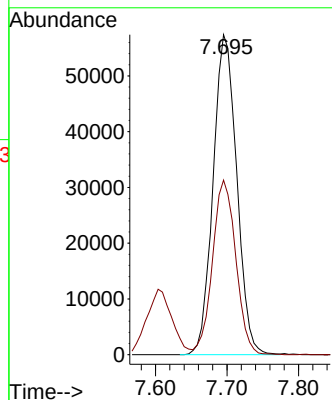
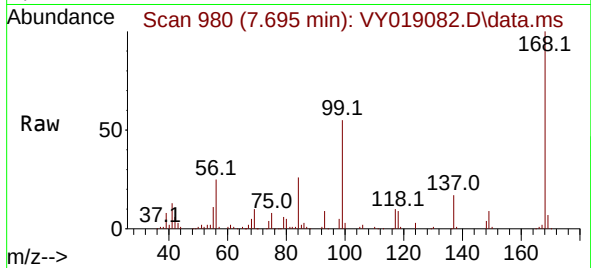




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019082.D
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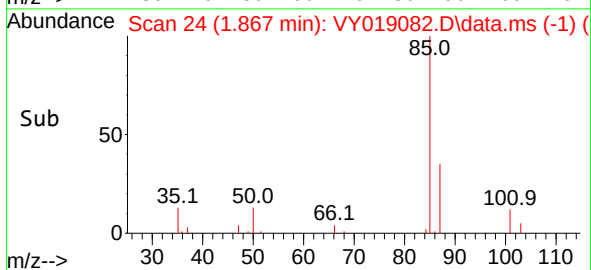
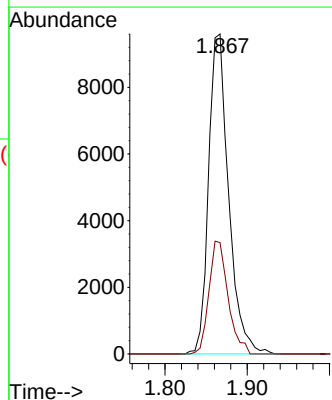
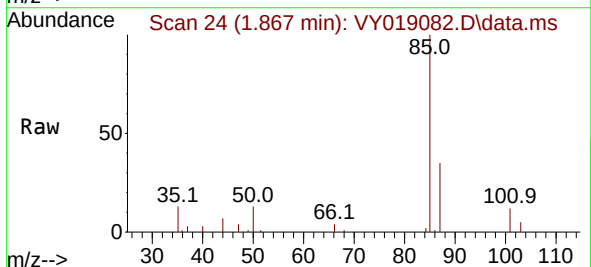
Instrument :
MSVOA_Y
ClientSampleId :

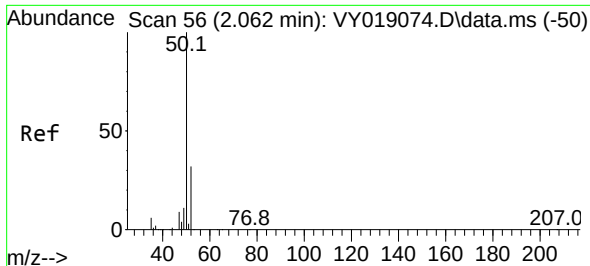
Tgt Ion:168 Resp: 131711
Ion Ratio Lower Upper
168 100
99 54.4 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 16.799 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion: 85 Resp: 16234
Ion Ratio Lower Upper
85 100
87 34.8 16.0 48.0

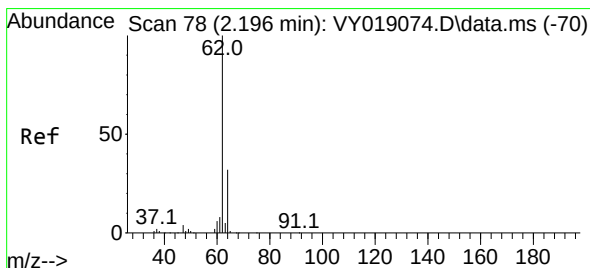
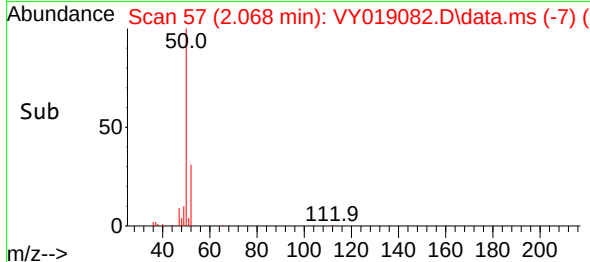
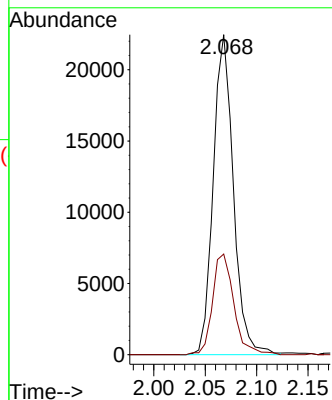
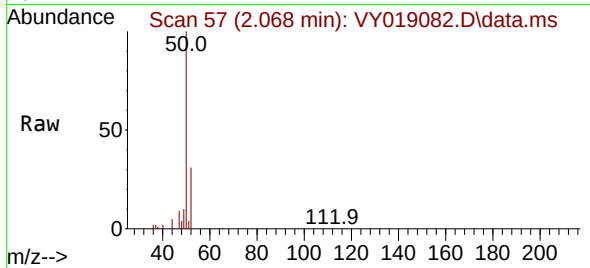




#3
Chloromethane
Concen: 17.542 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

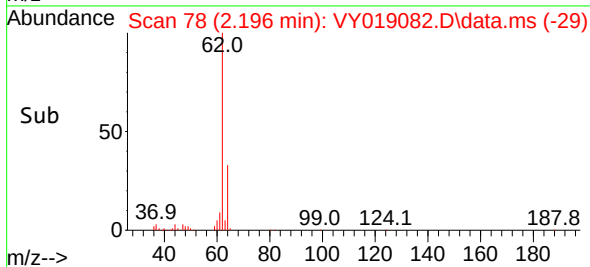
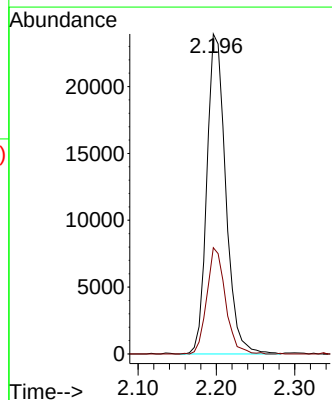
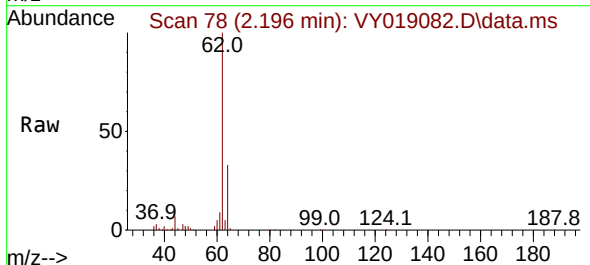
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MSVOA_Y
ClientSampleId :

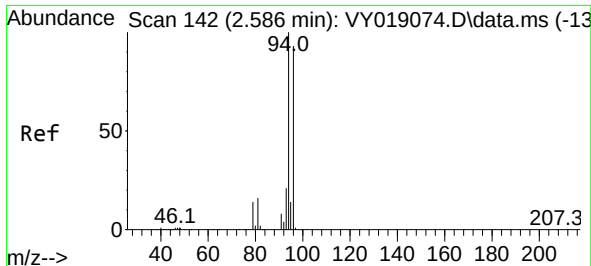
Tgt Ion: 50 Resp: 30555
Ion Ratio Lower Upper
50 100
52 31.4 25.6 38.4



#4
Vinyl Chloride
Concen: 18.584 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion: 62 Resp: 39983
Ion Ratio Lower Upper
62 100
64 33.2 26.1 39.1

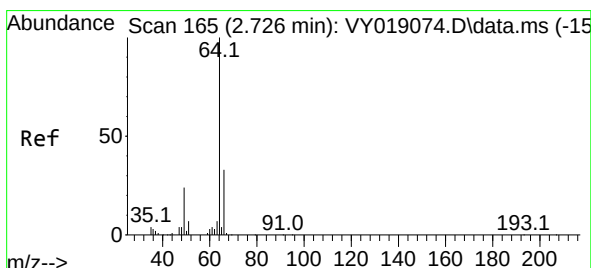
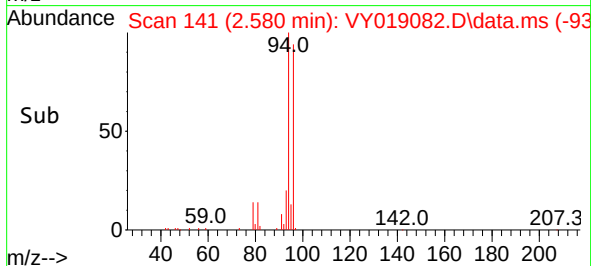
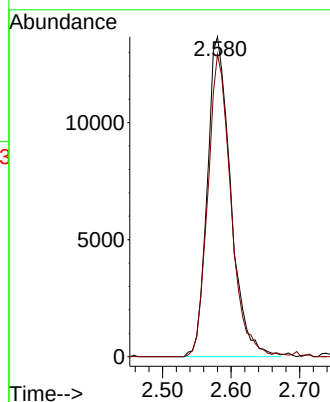
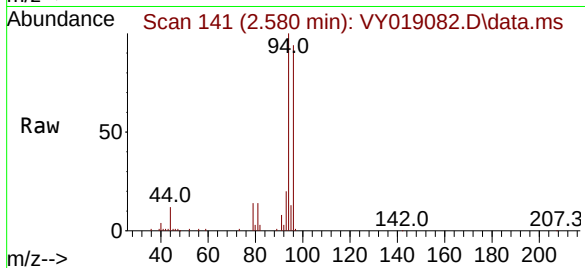




#5
Bromomethane
Concen: 21.282 ug/l
RT: 2.580 min Scan# 142
Delta R.T. -0.006 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

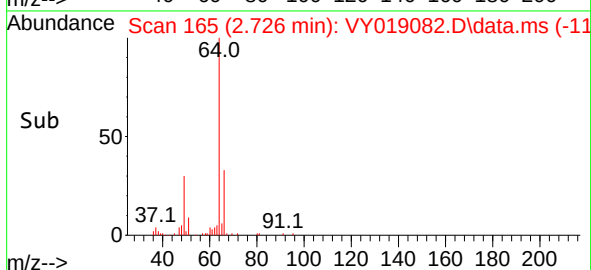
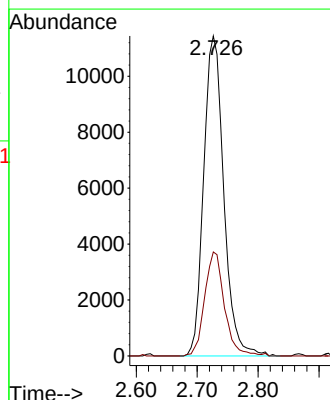
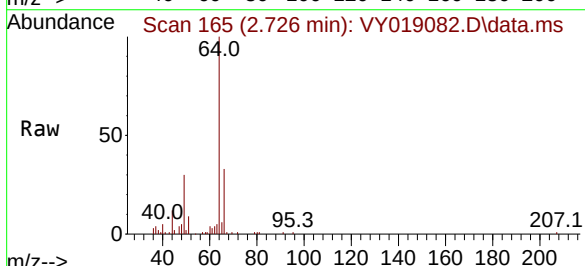
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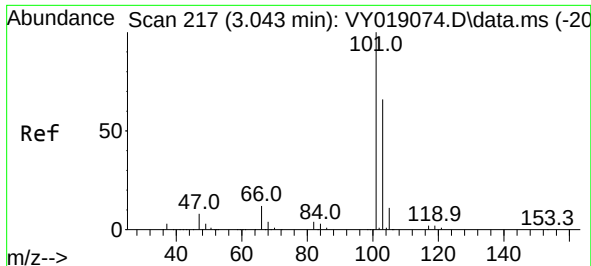
Tgt Ion: 94 Resp: 32418
Ion Ratio Lower Upper
94 100
96 94.5 74.1 111.1



#6
Chloroethane
Concen: 17.915 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion: 64 Resp: 26224
Ion Ratio Lower Upper
64 100
66 32.5 26.1 39.1

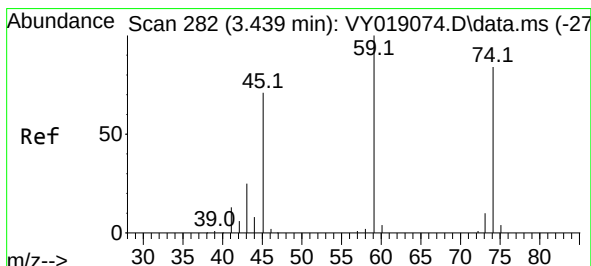
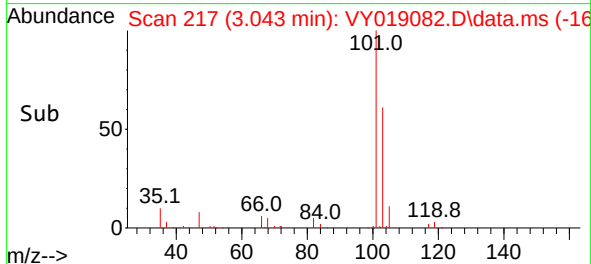
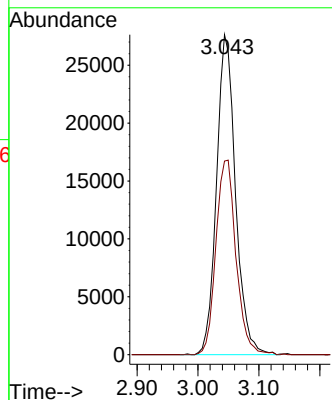
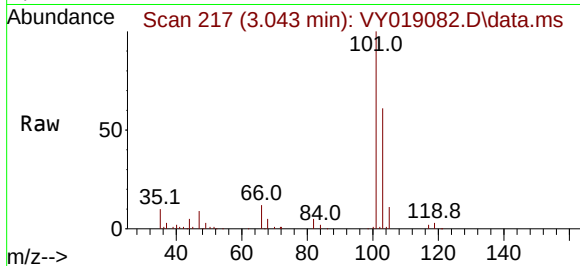




#7
 Trichlorofluoromethane
 Concen: 18.425 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY019082.D
 Acq: 16 Aug 2024 10:02

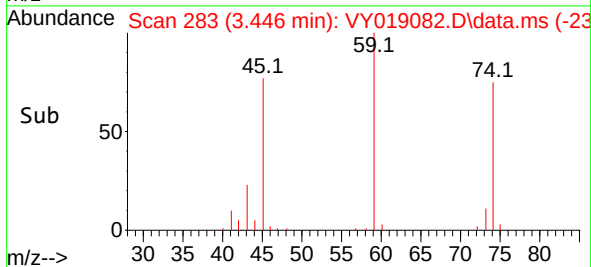
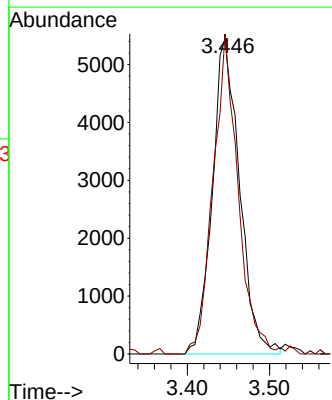
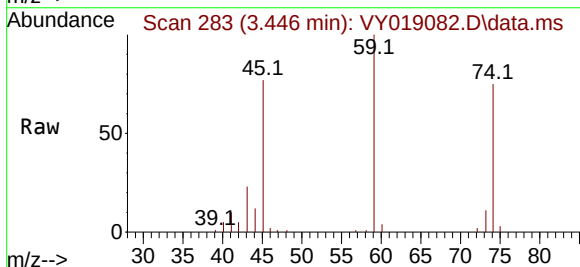
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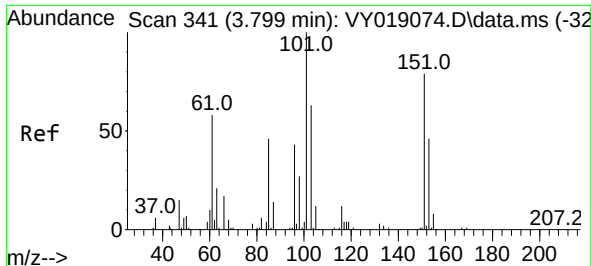
Tgt Ion:101 Resp: 59932
 Ion Ratio Lower Upper
 101 100
 103 60.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 17.873 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019082.D
 Acq: 16 Aug 2024 10:02

Tgt Ion: 74 Resp: 12549
 Ion Ratio Lower Upper
 74 100
 45 92.6 41.3 124.1

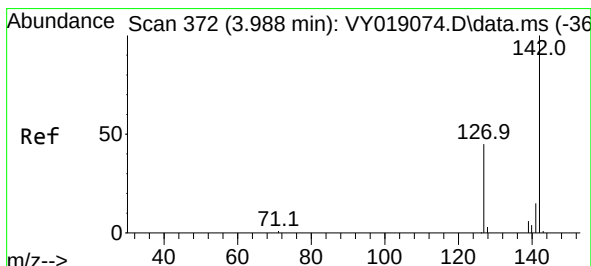
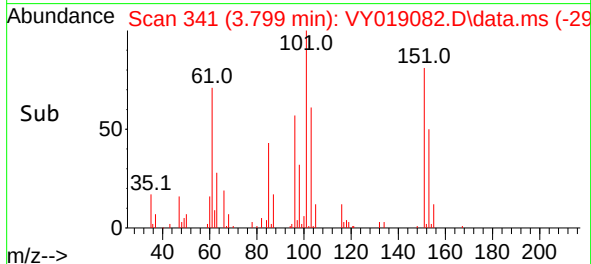
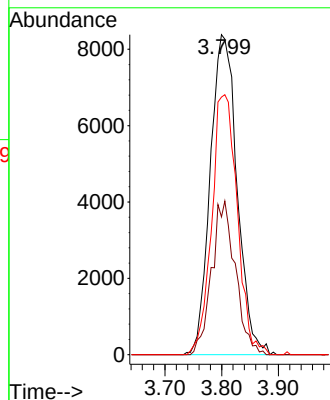
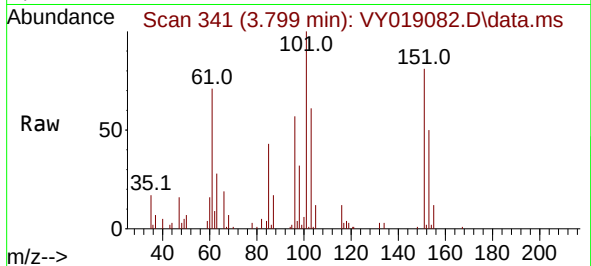




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.042 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY019082.D
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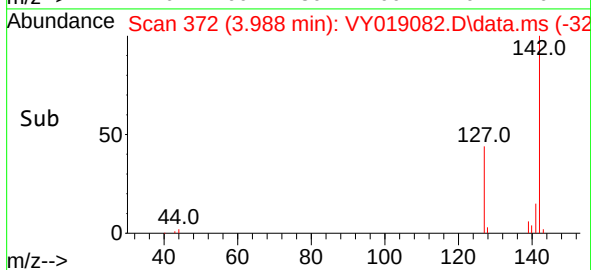
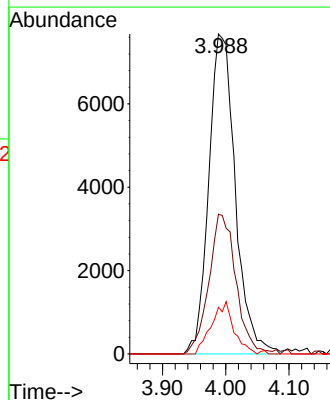
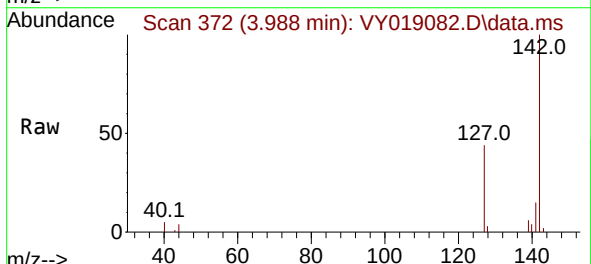
Instrument :
MSVOA_Y
ClientSampleId :

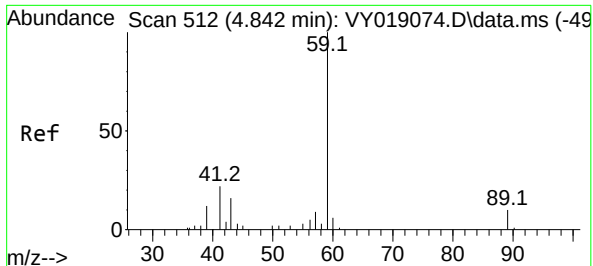
Tgt Ion:101	Resp:	27536
Ion Ratio	Lower	Upper
101	100	
85	42.5	34.5 51.7
151	77.5	61.7 92.5



#10
Methyl Iodide
Concen: 15.782 ug/l
RT: 3.988 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion:142	Resp:	22370
Ion Ratio	Lower	Upper
142	100	
127	44.6	32.8 49.2
141	13.8	11.4 17.2





#11

Tert butyl alcohol

Concen: 124.749 ug/l

RT: 4.824 min Scan# 509

Delta R.T. -0.018 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

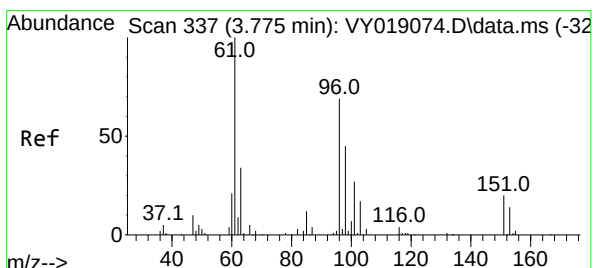
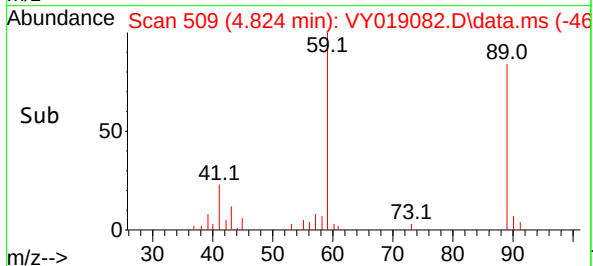
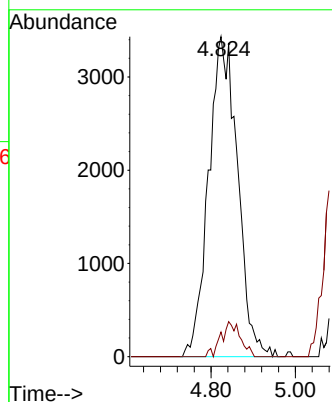
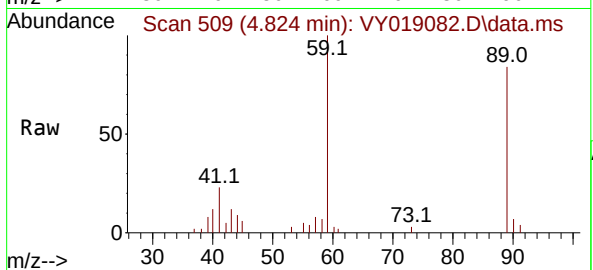
ClientSampleId :

Tgt Ion: 59 Resp: 16371

Ion Ratio Lower Upper

59 100

57 7.3 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 18.713 ug/l

RT: 3.781 min Scan# 338

Delta R.T. 0.006 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

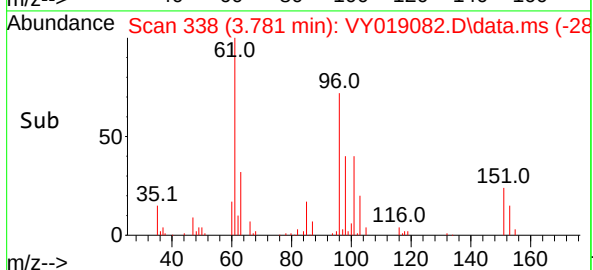
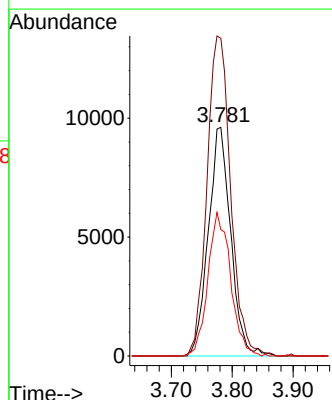
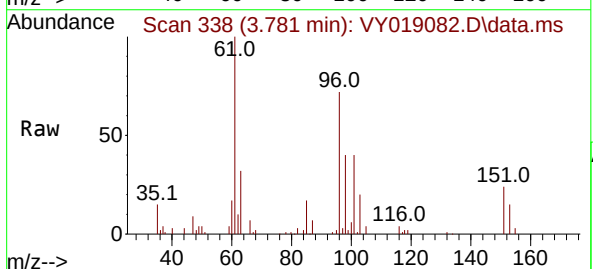
Tgt Ion: 96 Resp: 24586

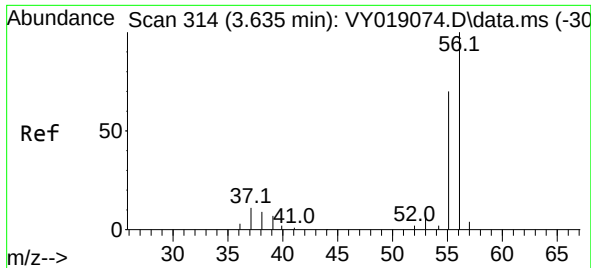
Ion Ratio Lower Upper

96 100

61 138.8 114.6 171.8

98 55.4 50.8 76.2





#13

Acrolein

Concen: 101.922 ug/l

RT: 3.641 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

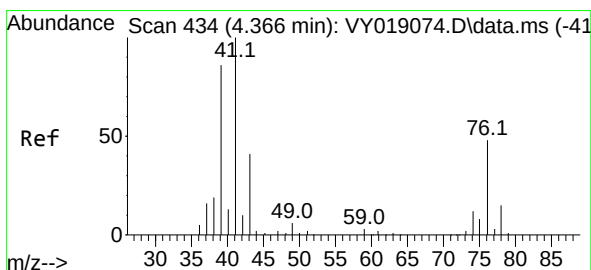
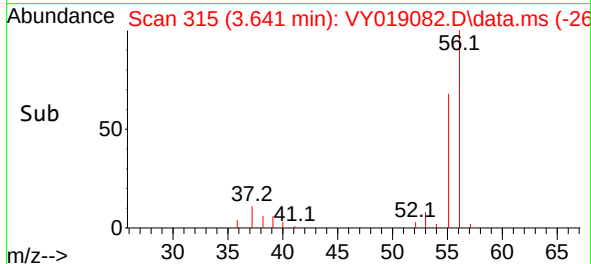
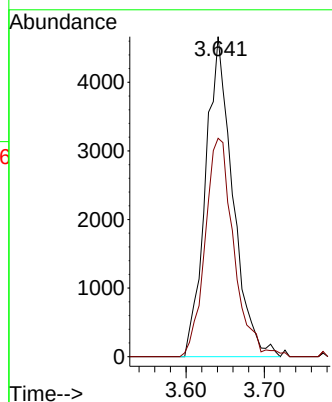
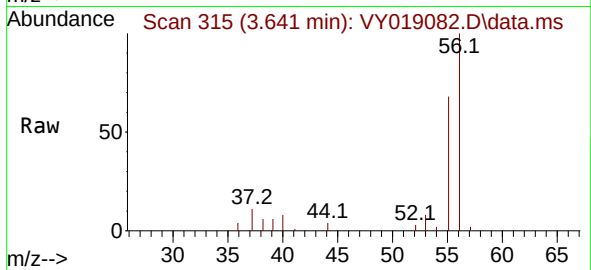
ClientSampleId :

Tgt Ion: 56 Resp: 11264

Ion Ratio Lower Upper

56 100

55 72.0 55.7 83.5



#14

Allyl chloride

Concen: 19.032 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.012 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

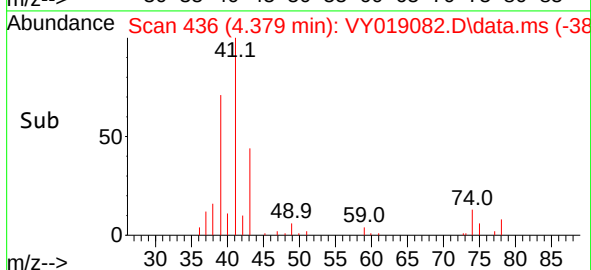
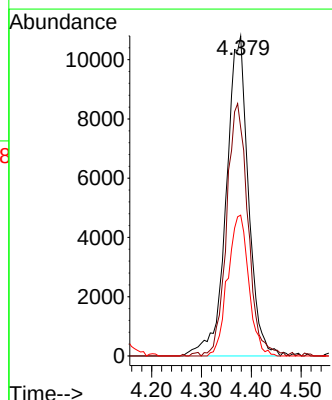
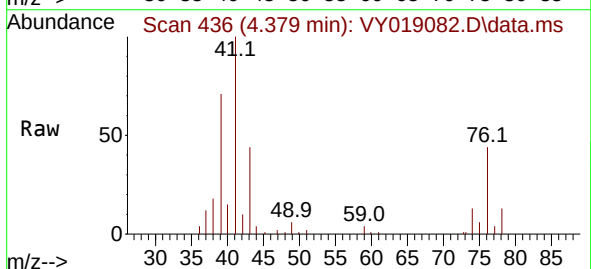
Tgt Ion: 41 Resp: 33245

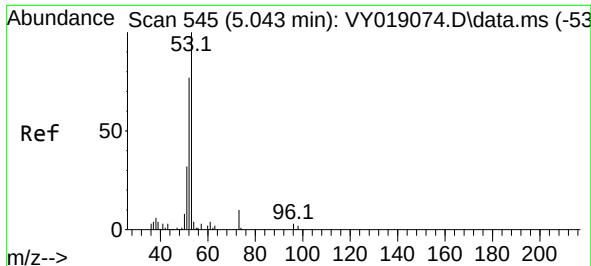
Ion Ratio Lower Upper

41 100

39 75.9 58.3 87.5

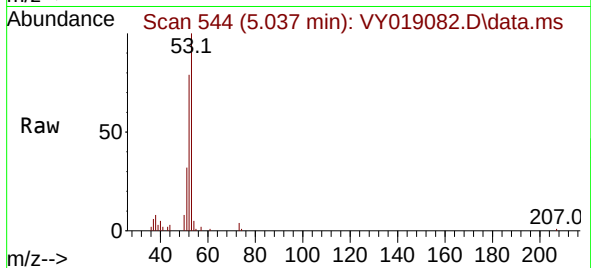
76 41.9 39.0 58.6



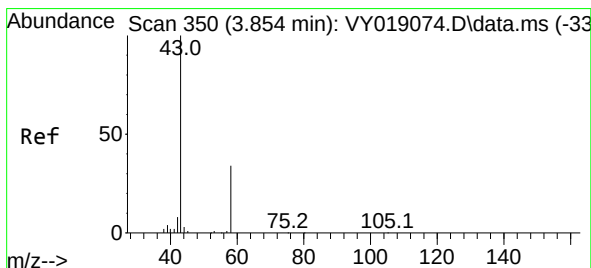
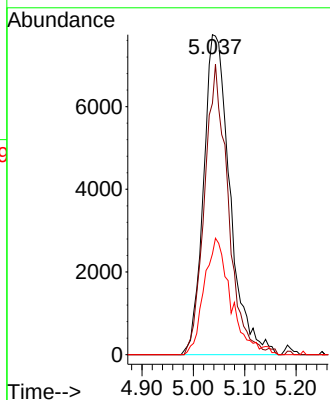
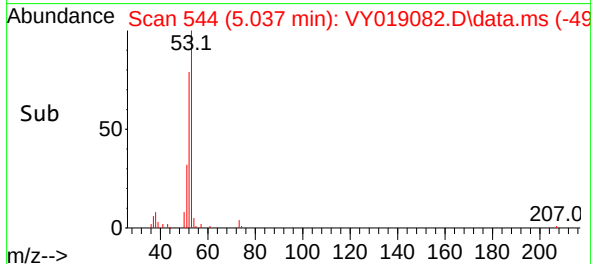


#15
Acrylonitrile
Concen: 96.186 ug/l
RT: 5.037 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Instrument :
MSVOA_Y
ClientSampleId :

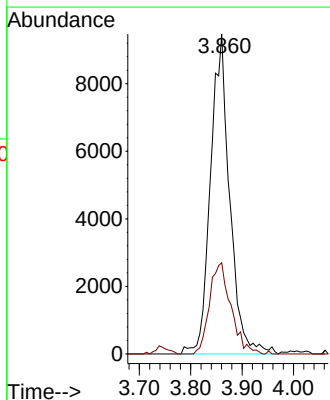
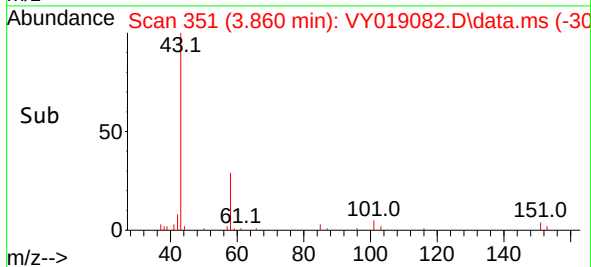
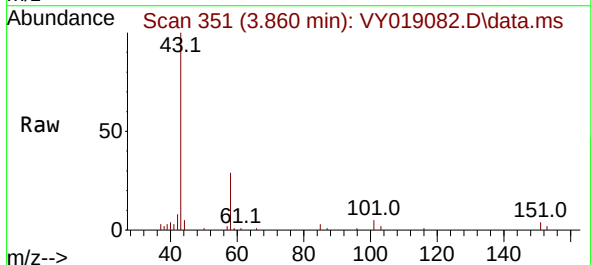


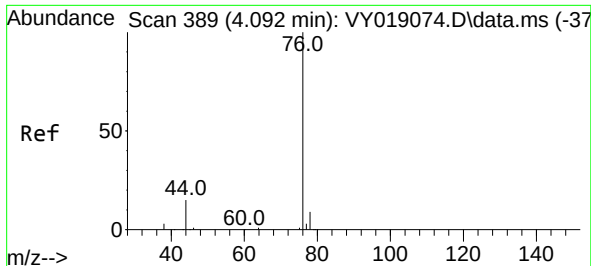
Tgt Ion: 53 Resp: 27633
Ion Ratio Lower Upper
53 100
52 80.9 64.7 97.1
51 37.2 28.4 42.6



#16
Acetone
Concen: 100.436 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion: 43 Resp: 24592
Ion Ratio Lower Upper
43 100
58 28.5 31.7 47.5#

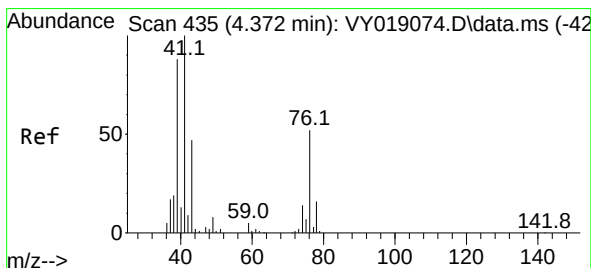
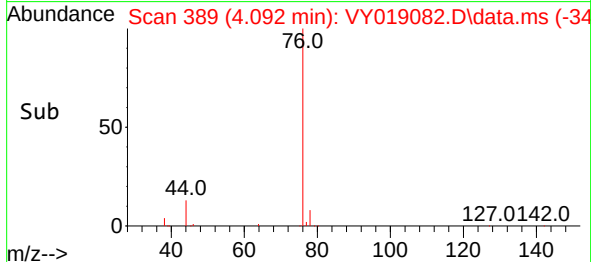
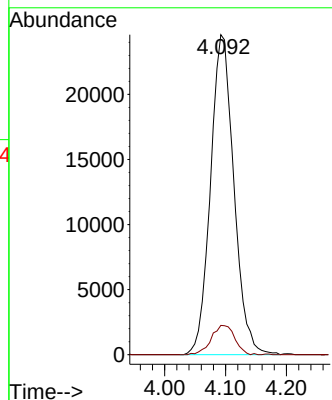
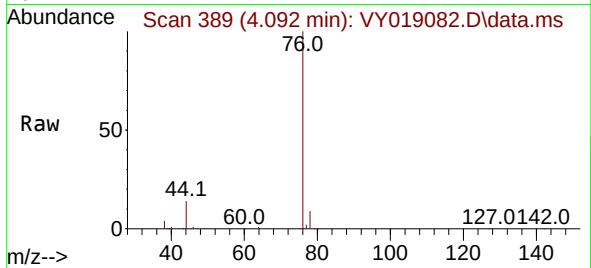




#17
Carbon Disulfide
Concen: 17.718 ug/l
RT: 4.092 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

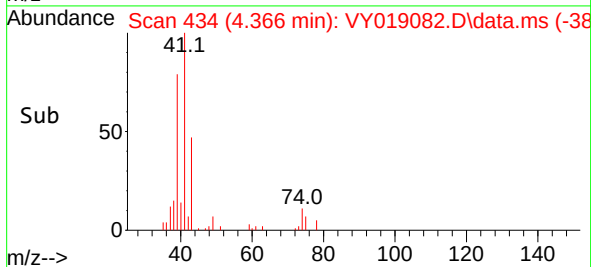
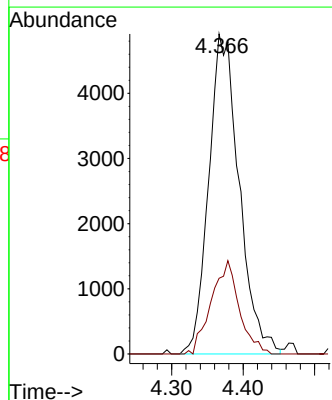
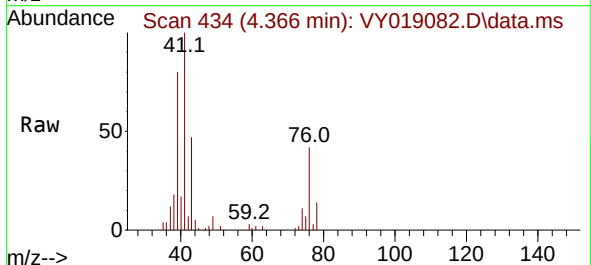
Instrument :
MSVOA_Y
ClientSampleId :

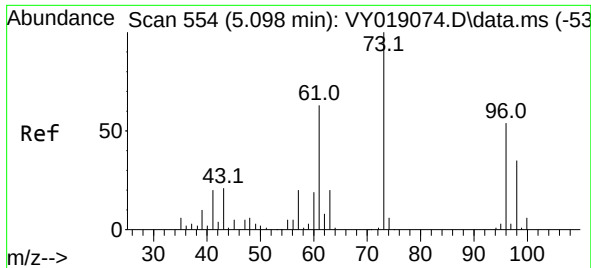
Tgt Ion: 76 Resp: 65658
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 19.295 ug/l
RT: 4.366 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion: 43 Resp: 14500
Ion Ratio Lower Upper
43 100
74 26.8 23.3 34.9

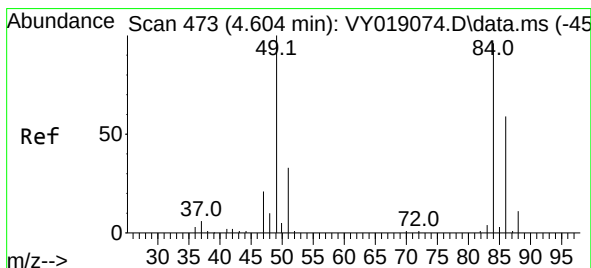
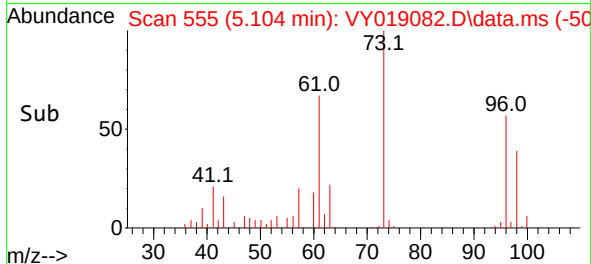
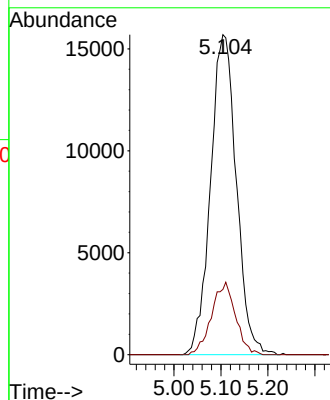
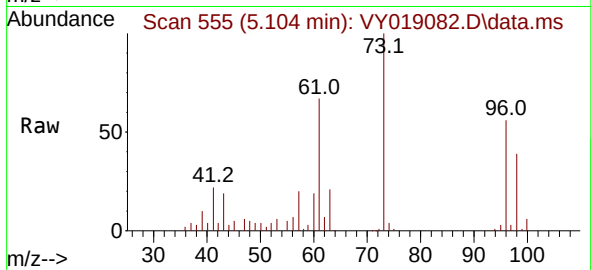




#19
Methyl tert-butyl Ether
Concen: 18.820 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

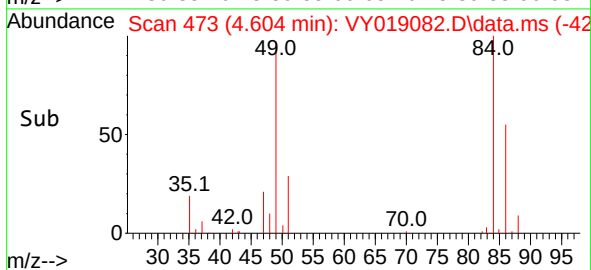
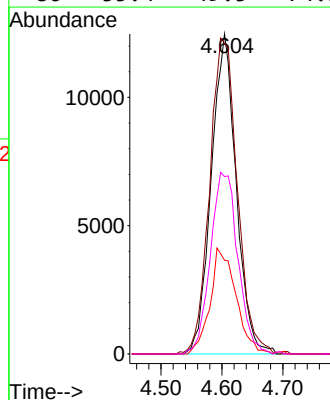
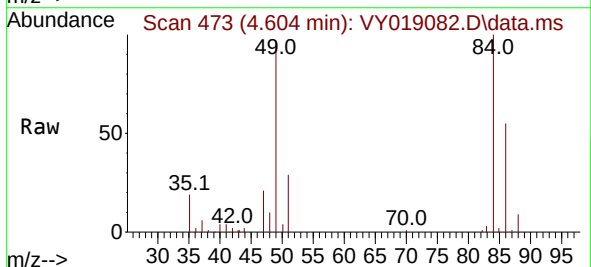
Instrument :
MSVOA_Y
ClientSampleId :

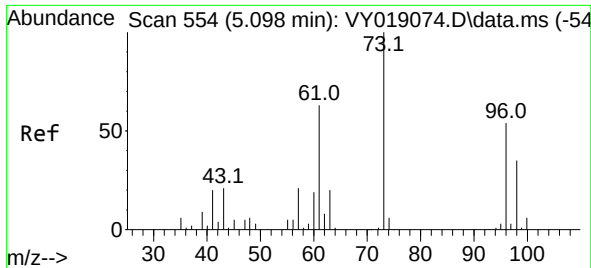
Tgt Ion: 73 Resp: 59946
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9



#20
Methylene Chloride
Concen: 16.433 ug/l
RT: 4.604 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

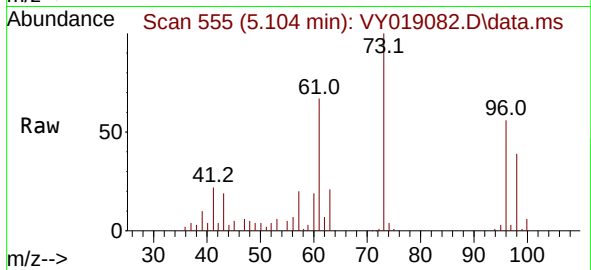
Tgt Ion: 84 Resp: 35429
Ion Ratio Lower Upper
84 100
49 97.1 84.4 126.6
51 29.3 26.0 39.0
86 55.4 49.5 74.3



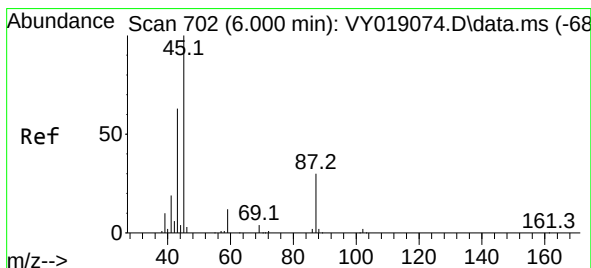
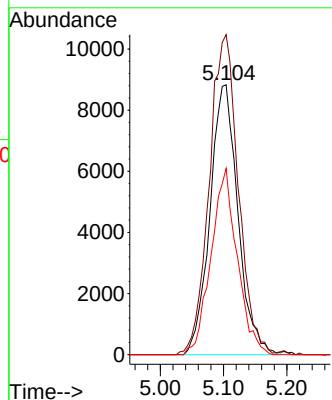
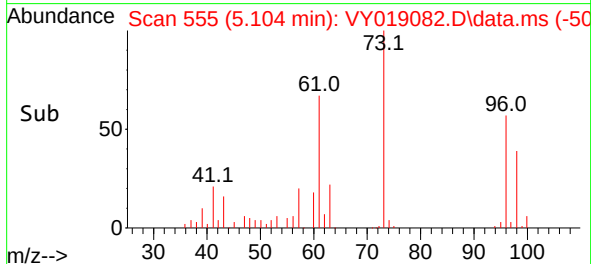


#21
trans-1,2-Dichloroethene
Concen: 18.492 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Instrument :
MSVOA_Y
ClientSampleId :

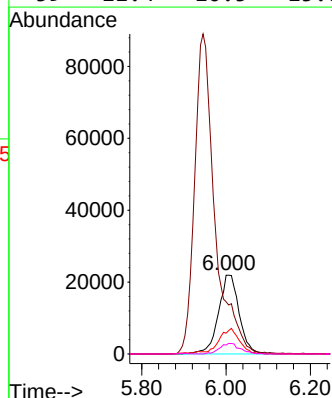
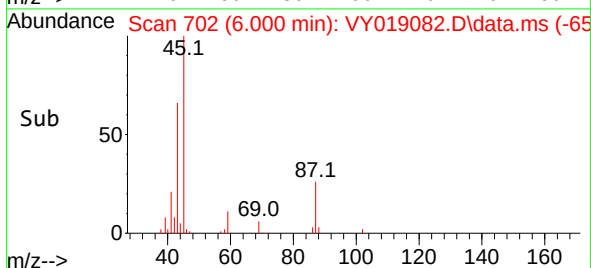
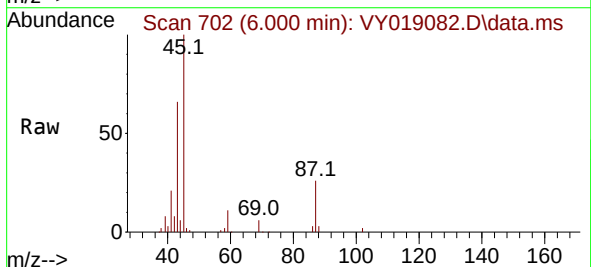


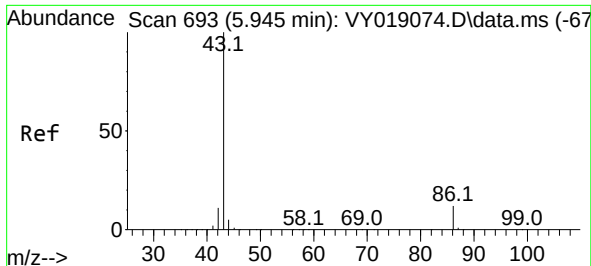
Tgt Ion: 96 Resp: 27143
Ion Ratio Lower Upper
96 100
61 117.5 97.5 146.3
98 69.0 50.5 75.7



#22
Diisopropyl ether
Concen: 18.629 ug/l
RT: 6.000 min Scan# 702
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion: 45 Resp: 74492
Ion Ratio Lower Upper
45 100
43 65.4 42.2 63.2#
87 26.5 25.0 37.6
59 11.4 10.5 15.7

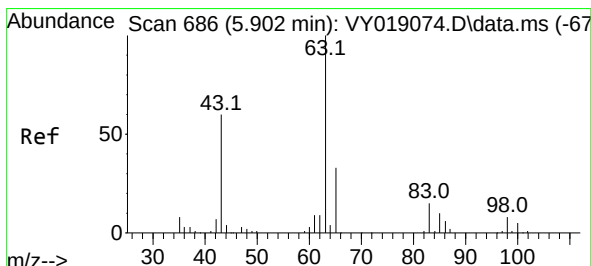
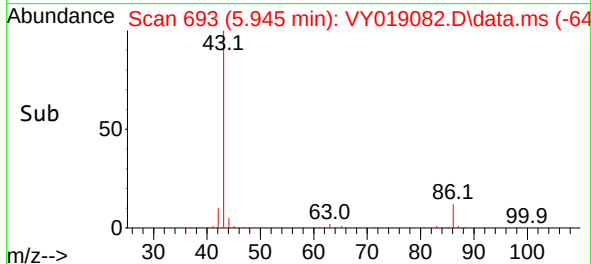
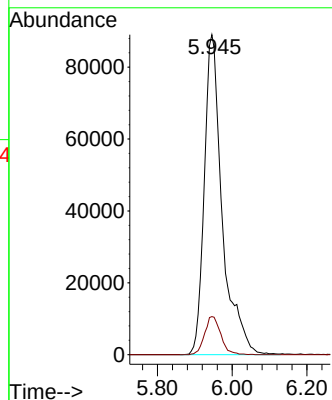
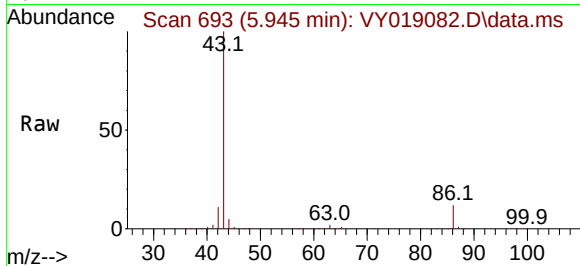




#23
 Vinyl Acetate
 Concen: 93.974 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY019082.D
 Acq: 16 Aug 2024 10:02

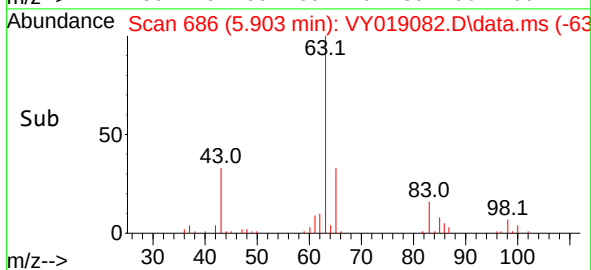
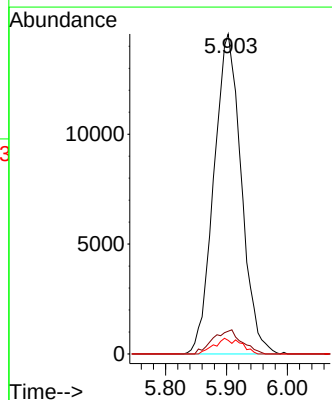
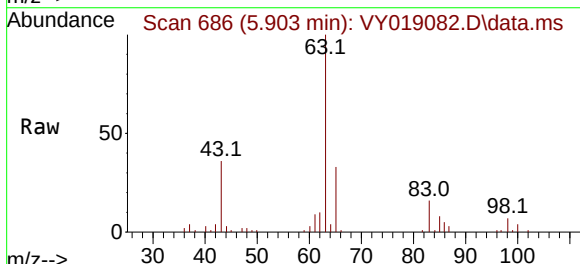
Instrument :
 MSVOA_Y
 ClientSampleId :

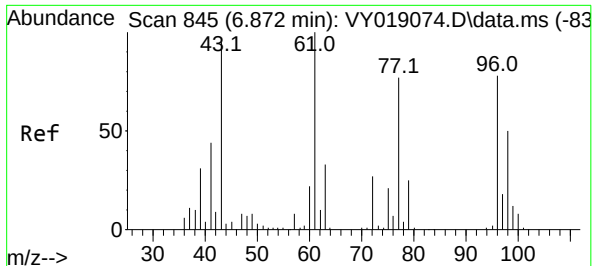
Tgt Ion: 43 Resp: 297512
 Ion Ratio Lower Upper
 43 100
 86 11.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 18.591 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019082.D
 Acq: 16 Aug 2024 10:02

Tgt Ion: 63 Resp: 45464
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 12.2
 100 4.3 2.6 8.0





#25

2-Butanone

Concen: 91.441 ug/l

RT: 6.884 min Scan# 845

Delta R.T. 0.013 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

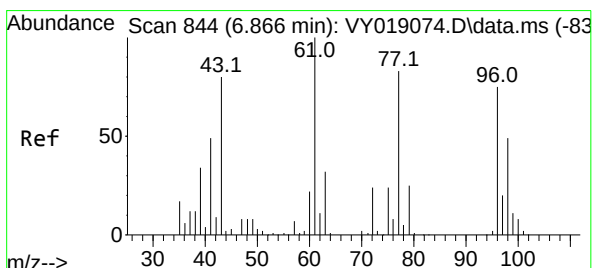
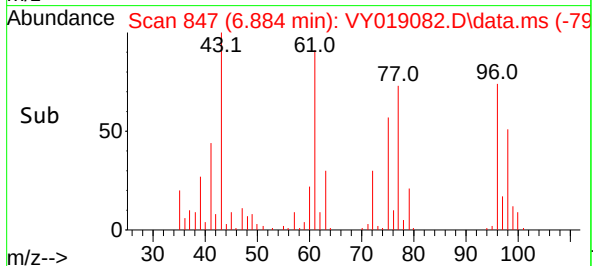
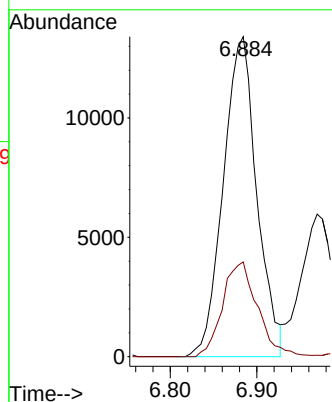
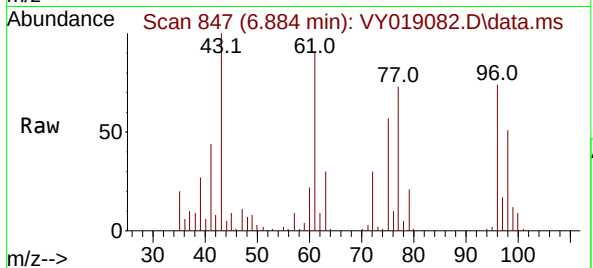
ClientSampleId :

Tgt Ion: 43 Resp: 36058

Ion Ratio Lower Upper

43 100

72 29.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 18.334 ug/l

RT: 6.866 min Scan# 844

Delta R.T. 0.000 min

Lab File: VY019082.D

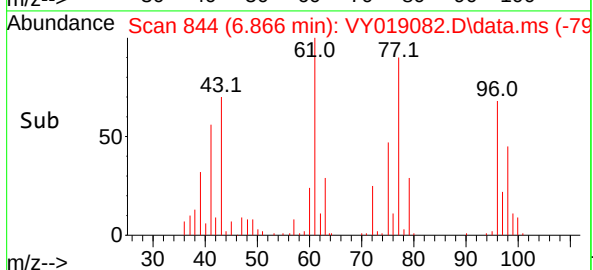
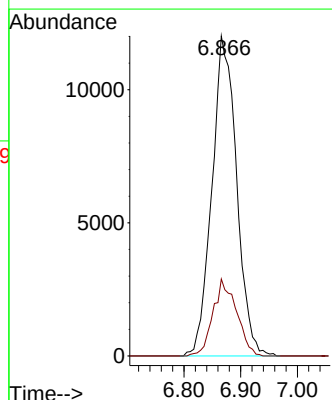
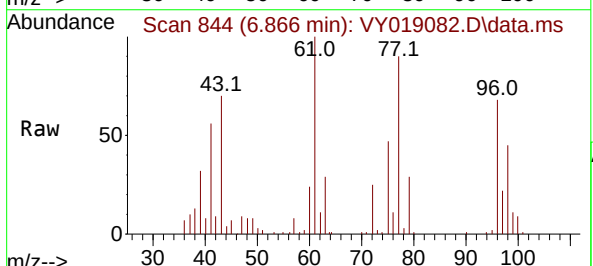
Acq: 16 Aug 2024 10:02

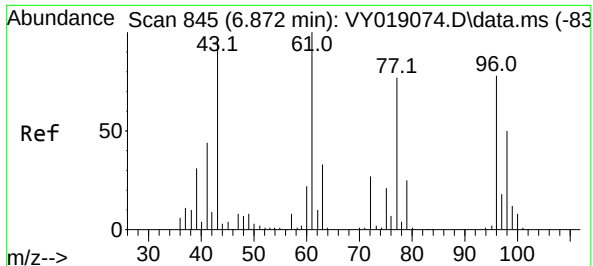
Tgt Ion: 77 Resp: 36306

Ion Ratio Lower Upper

77 100

97 22.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 18.060 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

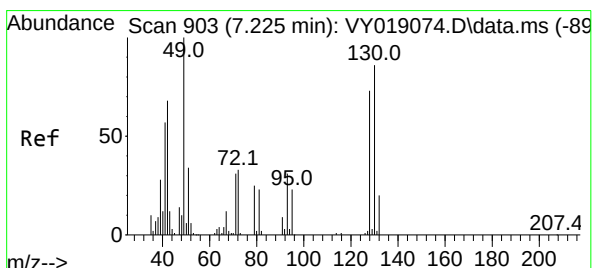
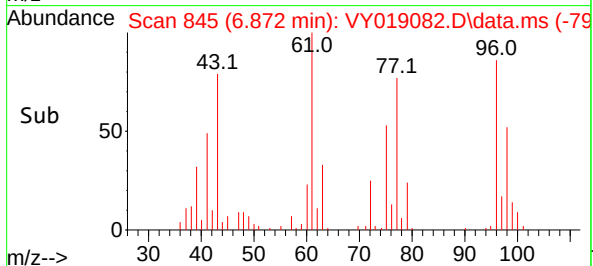
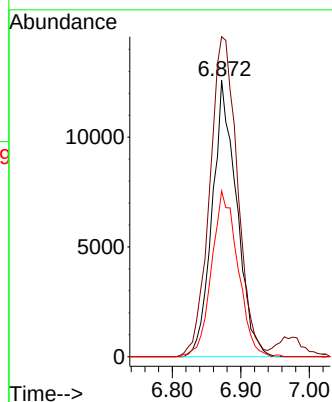
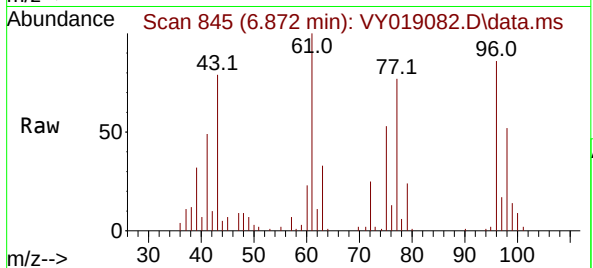
Tgt Ion: 96 Resp: 31197

Ion Ratio Lower Upper

96 100

61 131.4 0.0 256.2

98 64.2 0.0 130.0



#28

Bromochloromethane

Concen: 19.527 ug/l

RT: 7.232 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

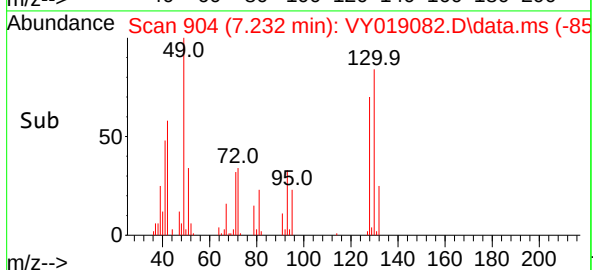
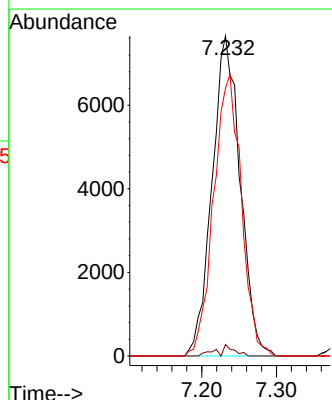
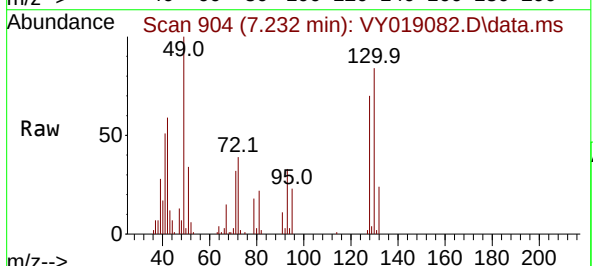
Tgt Ion: 49 Resp: 20031

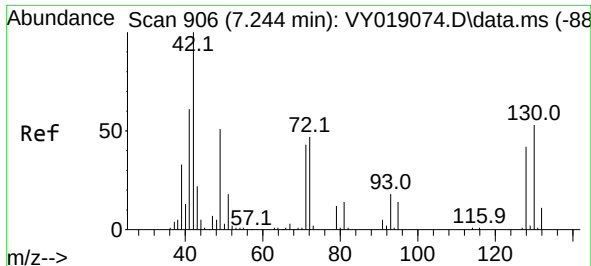
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 86.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 87.161 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

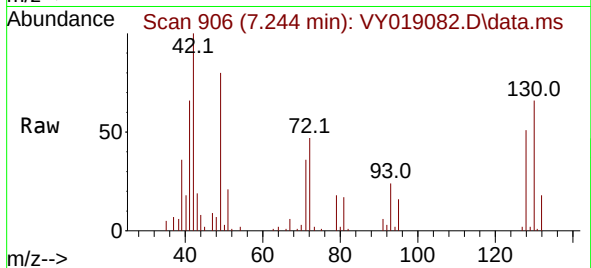
Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :



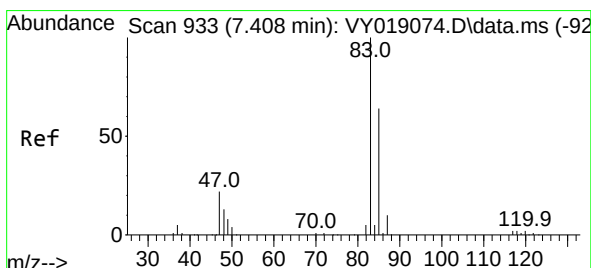
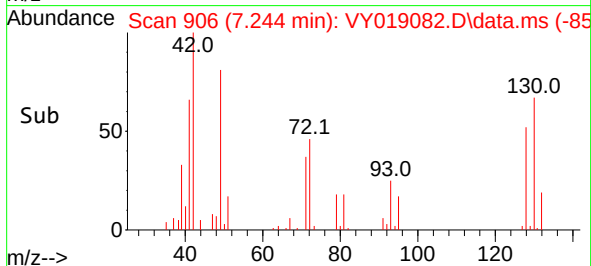
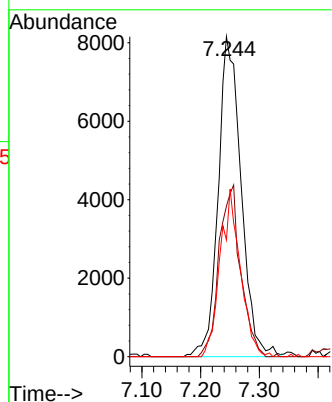
Tgt Ion: 42 Resp: 22094

Ion Ratio Lower Upper

42 100

72 50.7 43.0 64.4

71 46.2 40.8 61.2



#30

Chloroform

Concen: 18.310 ug/l

RT: 7.409 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019082.D

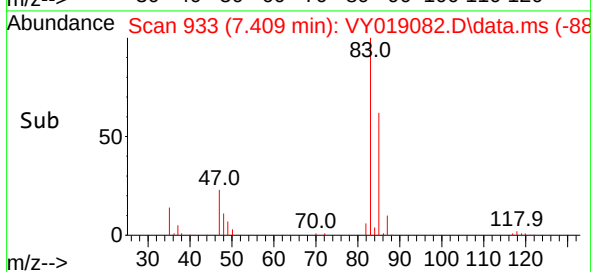
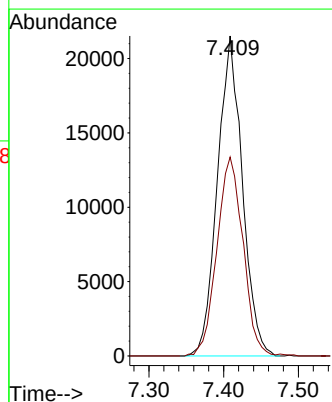
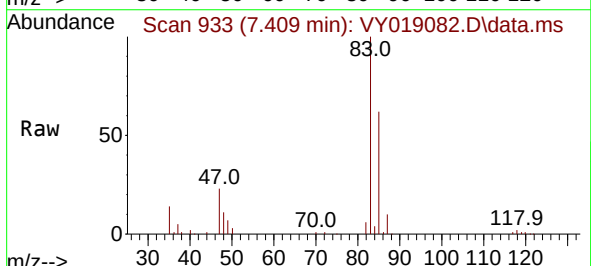
Acq: 16 Aug 2024 10:02

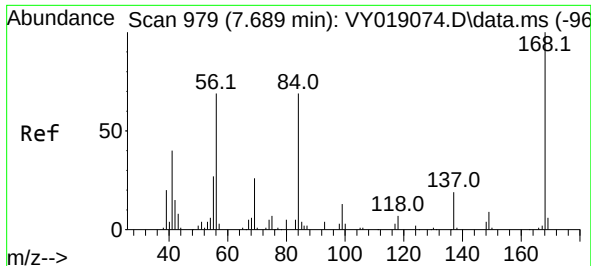
Tgt Ion: 83 Resp: 49895

Ion Ratio Lower Upper

83 100

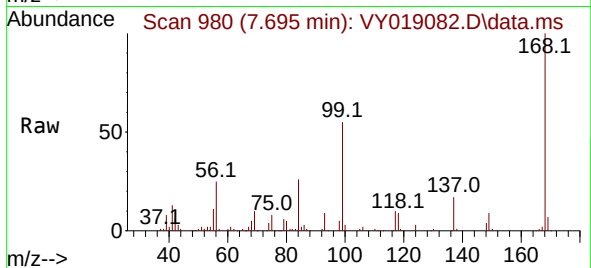
85 62.2 52.2 78.4



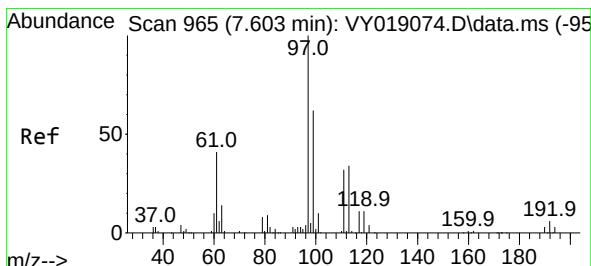
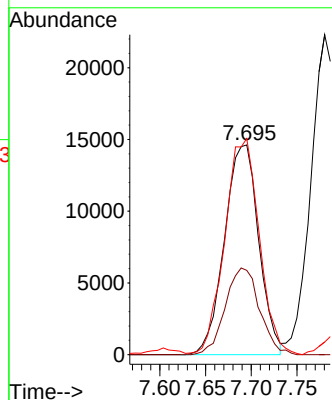
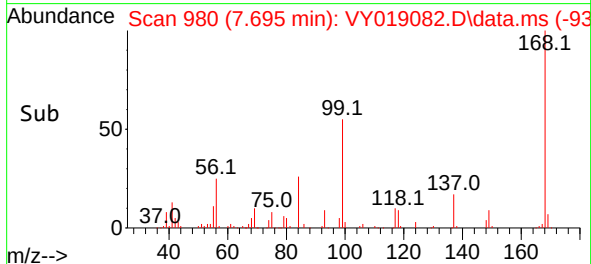


#31
Cyclohexane
Concen: 17.365 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

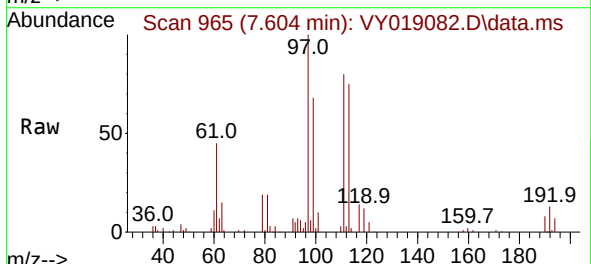
Instrument :
MSVOA_Y
ClientSampleId :



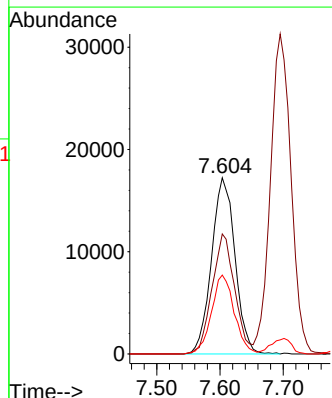
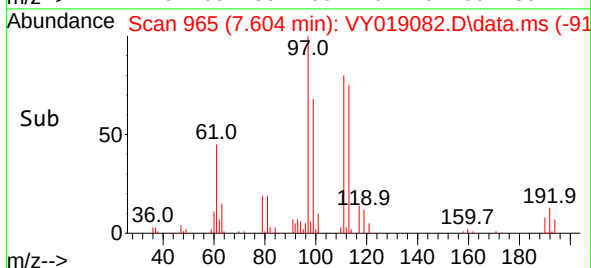
Tgt Ion: 56 Resp: 38071
Ion Ratio Lower Upper
56 100
69 40.2 28.7 43.1
84 101.3 77.7 116.5

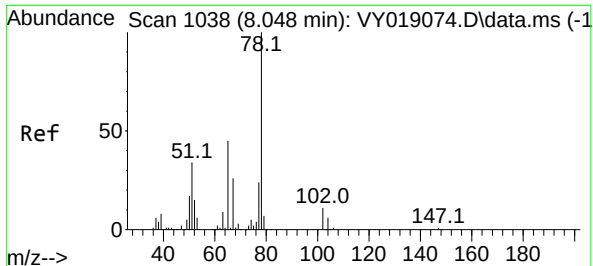


#32
1,1,1-Trichloroethane
Concen: 18.563 ug/l
RT: 7.604 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02



Tgt Ion: 97 Resp: 44454
Ion Ratio Lower Upper
97 100
99 65.8 50.3 75.5
61 43.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 47.980 ug/l

RT: 8.049 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

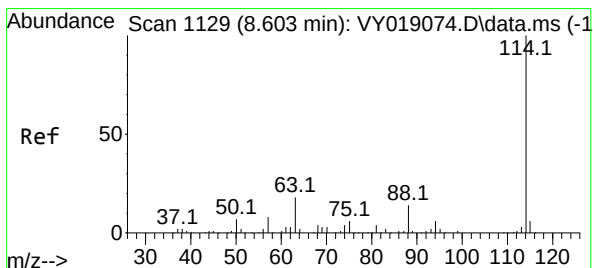
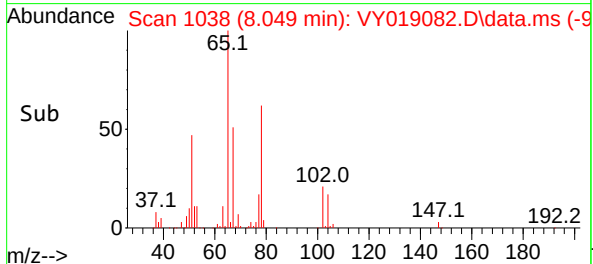
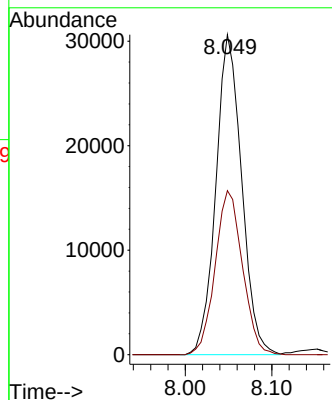
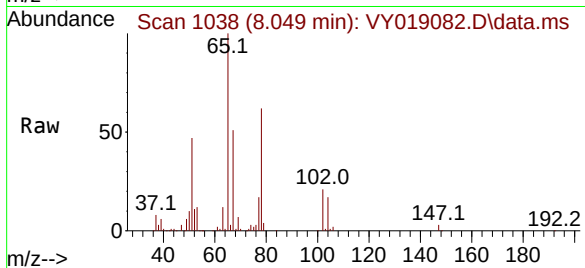
ClientSampleId :

Tgt Ion: 65 Resp: 63348

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

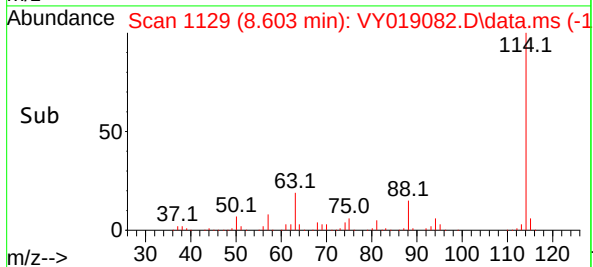
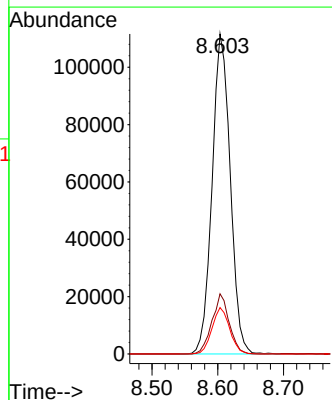
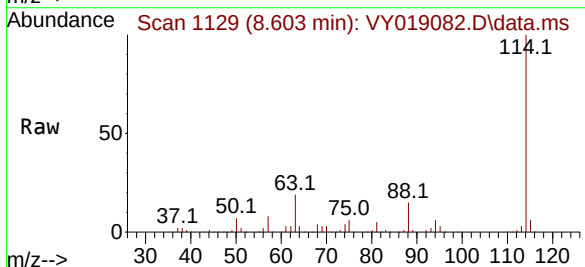
Tgt Ion:114 Resp: 214571

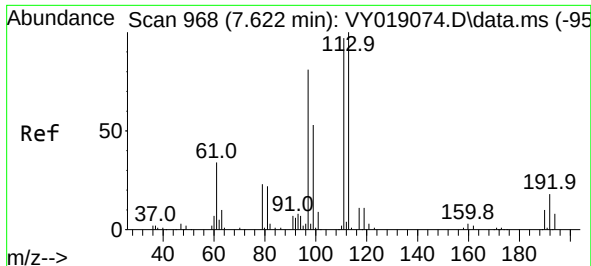
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.0

88 14.5 0.0 27.2

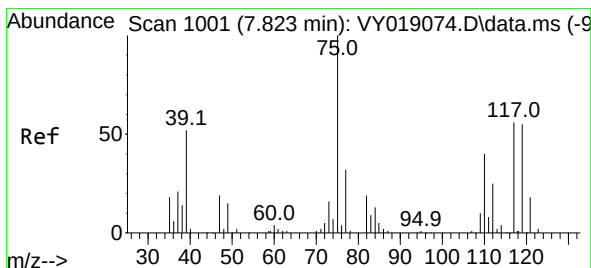
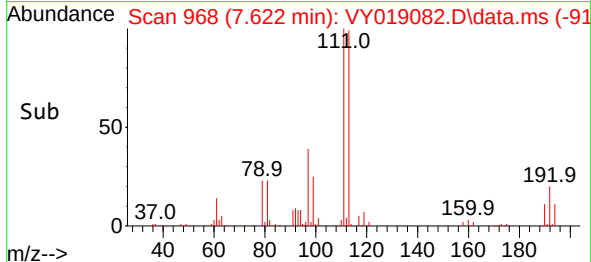
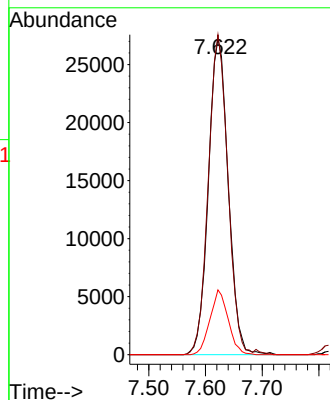
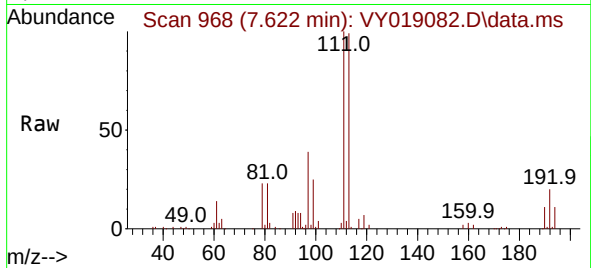




#35
Dibromofluoromethane
Concen: 47.234 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

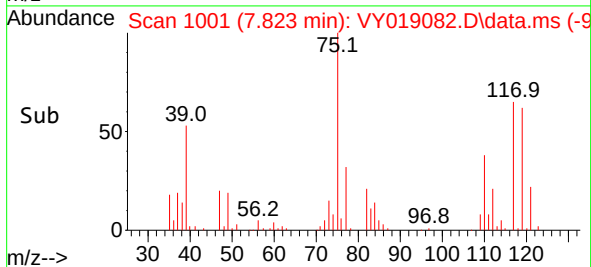
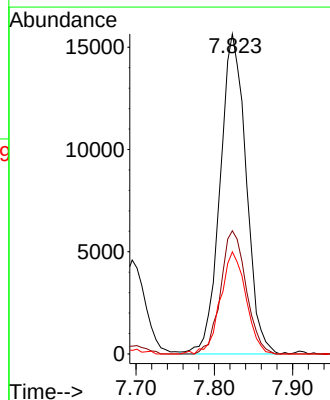
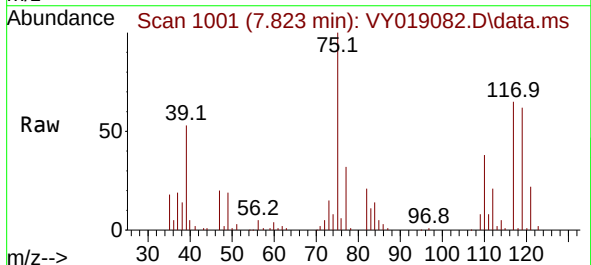
Instrument :
MSVOA_Y
ClientSampleId :

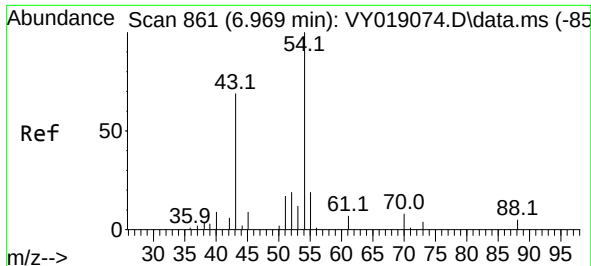
Tgt Ion:113 Resp: 66269
Ion Ratio Lower Upper
113 100
111 99.3 82.2 123.4
192 18.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.738 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion: 75 Resp: 36100
Ion Ratio Lower Upper
75 100
110 37.8 19.0 57.0
77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 20.083 ug/l

RT: 6.970 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

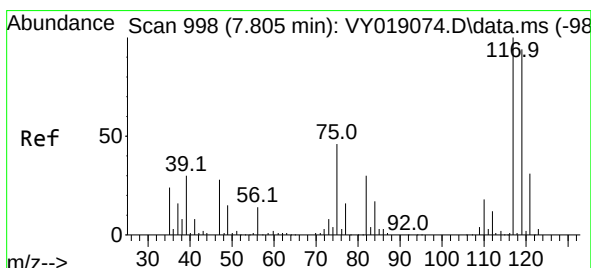
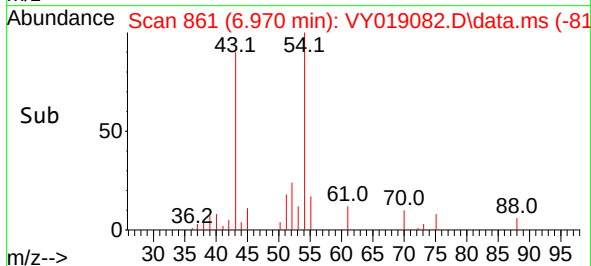
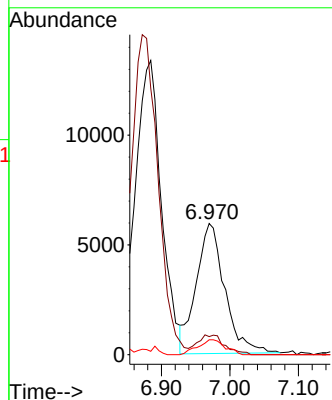
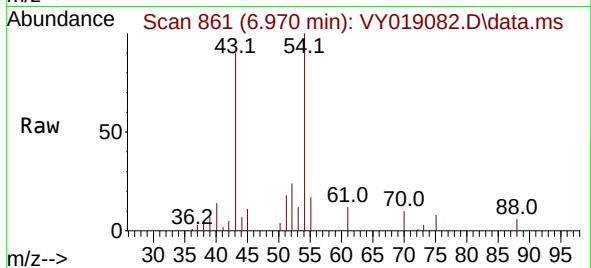
Tgt Ion: 43 Resp: 17142

Ion Ratio Lower Upper

43 100

61 14.4 12.6 19.0

70 10.9 7.8 11.8



#38

Carbon Tetrachloride

Concen: 18.772 ug/l

RT: 7.805 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

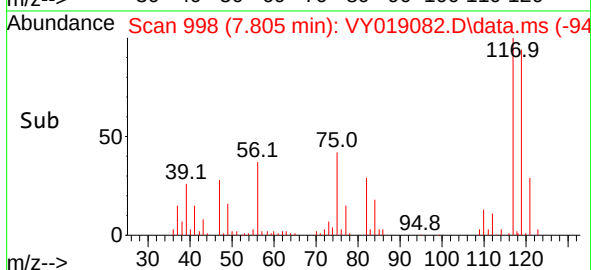
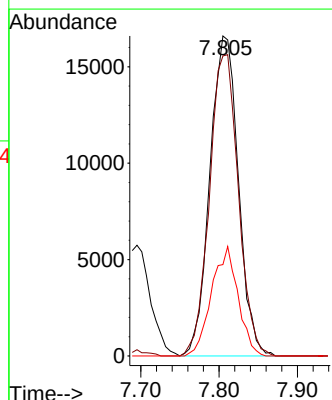
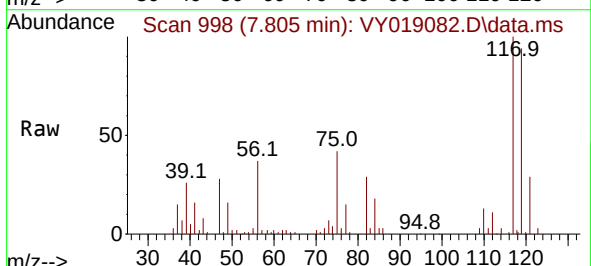
Tgt Ion: 117 Resp: 41912

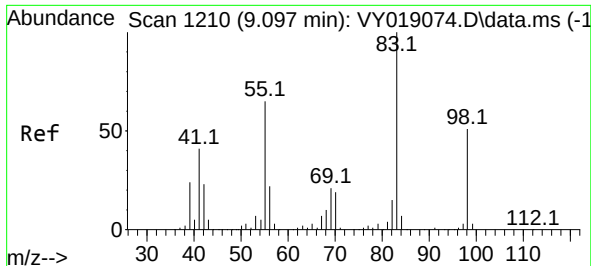
Ion Ratio Lower Upper

117 100

119 93.8 75.8 113.6

121 28.5 24.0 36.0





#39

Methylcyclohexane

Concen: 18.763 ug/l

RT: 9.097 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

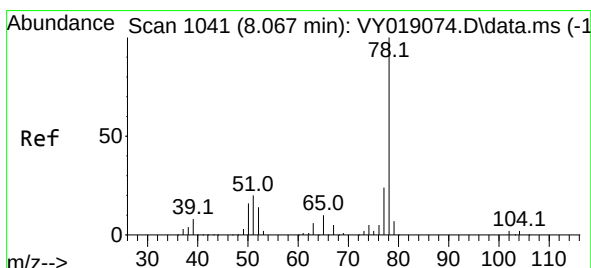
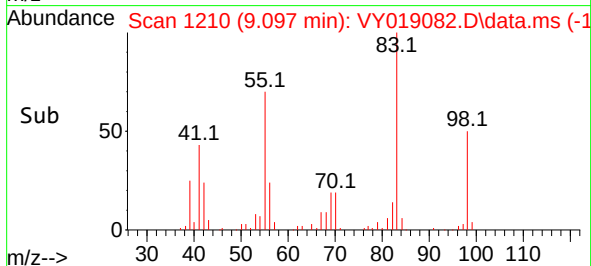
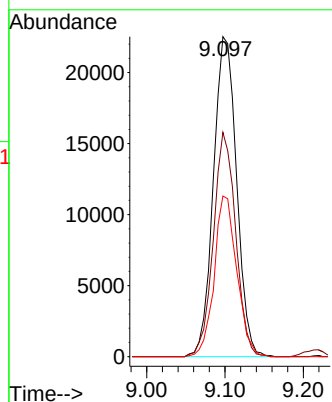
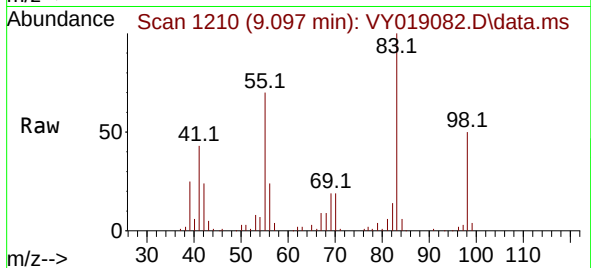
Tgt Ion: 83 Resp: 46388

Ion Ratio Lower Upper

83 100

55 70.1 51.5 77.3

98 50.2 40.5 60.7



#40

Benzene

Concen: 18.475 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019082.D

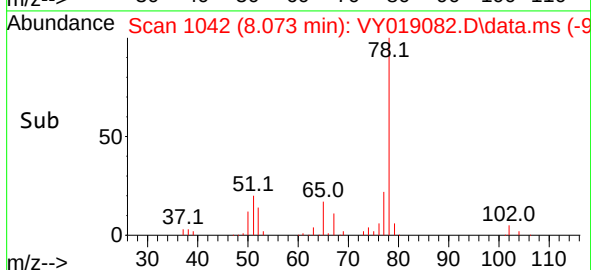
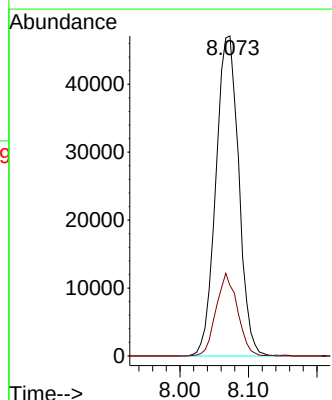
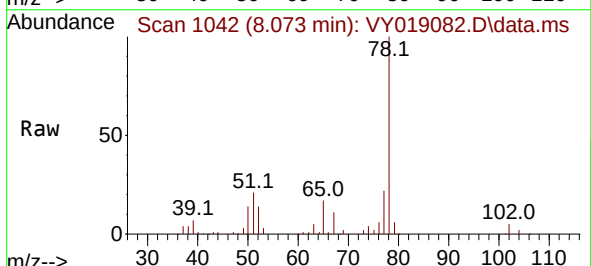
Acq: 16 Aug 2024 10:02

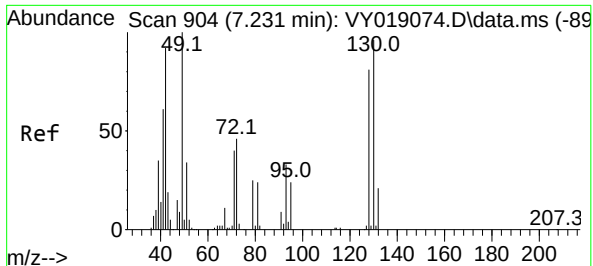
Tgt Ion: 78 Resp: 109161

Ion Ratio Lower Upper

78 100

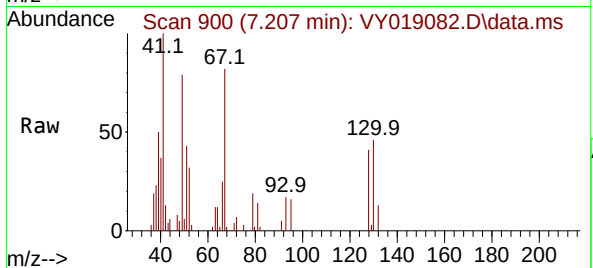
77 22.0 19.5 29.3



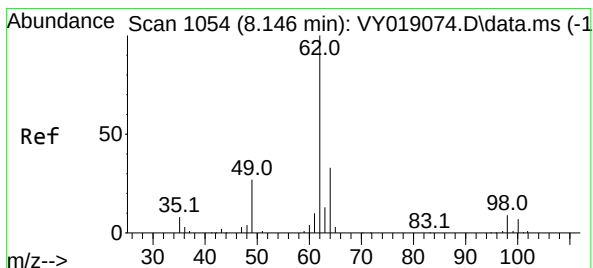
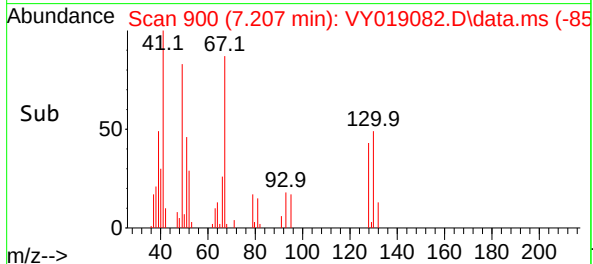
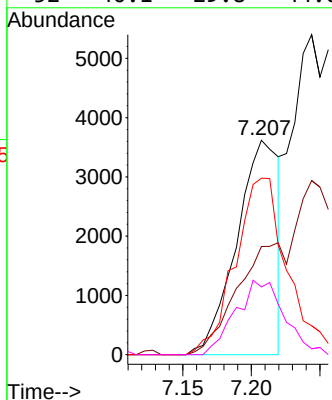


#41
Methacrylonitrile
Concen: 16.554 ug/l
RT: 7.207 min Scan# 90
Delta R.T. -0.024 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Instrument :
MSVOA_Y
ClientSampleId :

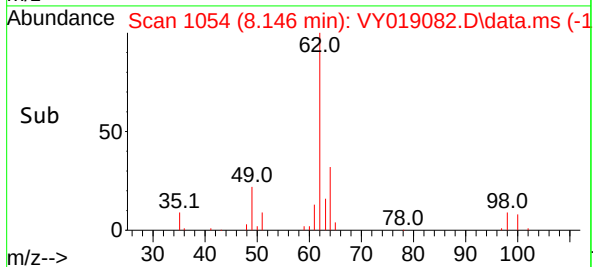
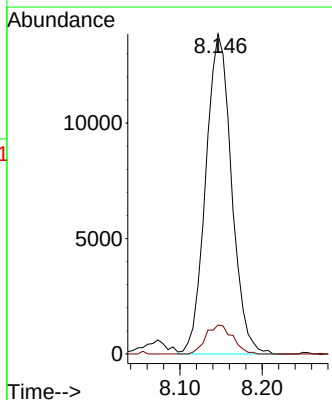
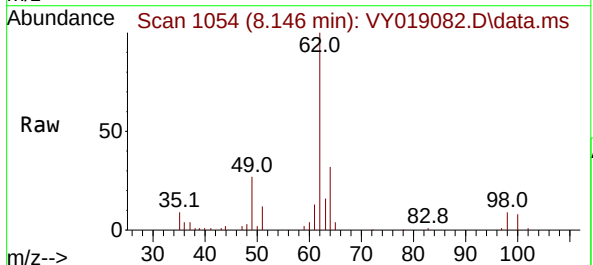


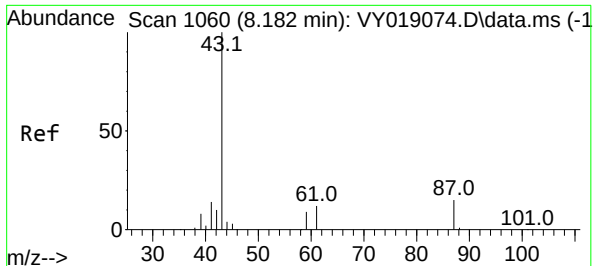
Tgt Ion: 41 Resp: 7712
Ion Ratio Lower Upper
41 100
39 60.7 48.0 72.0
67 101.1 75.1 112.7
52 40.1 29.8 44.6



#42
1,2-Dichloroethane
Concen: 19.010 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion: 62 Resp: 30332
Ion Ratio Lower Upper
62 100
98 9.3 0.0 22.0

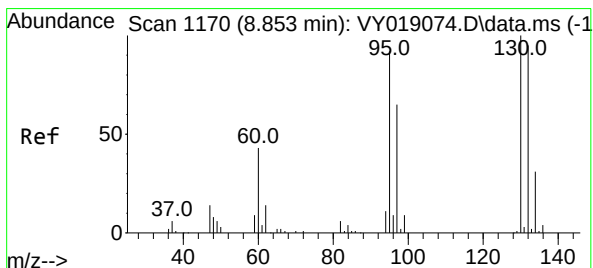
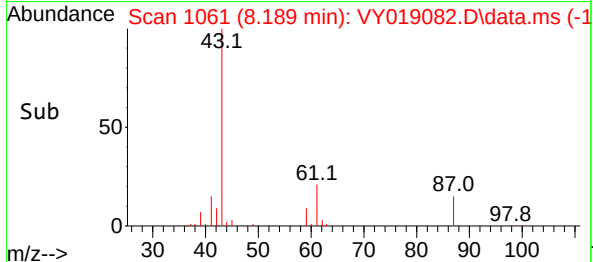
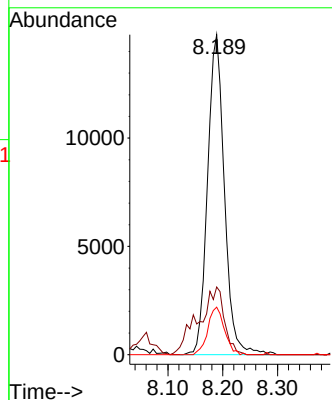
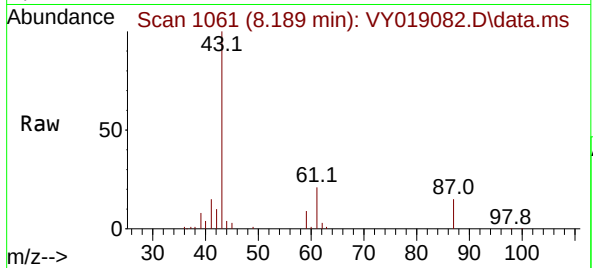




#43
Isopropyl Acetate
Concen: 18.219 ug/l
RT: 8.189 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

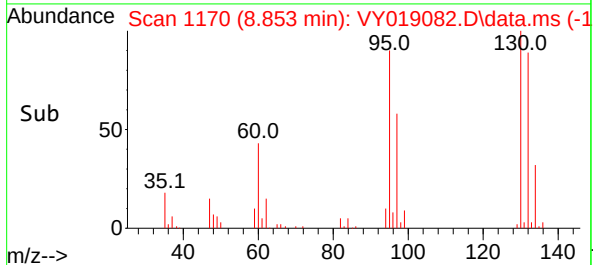
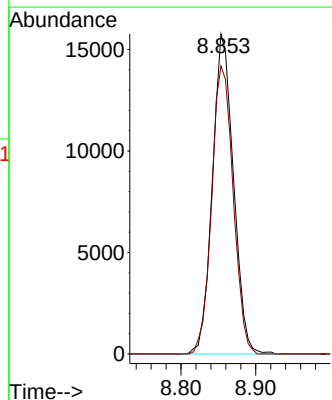
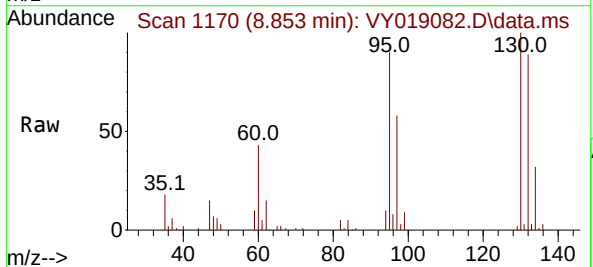
Instrument :
MSVOA_Y
ClientSampleId :

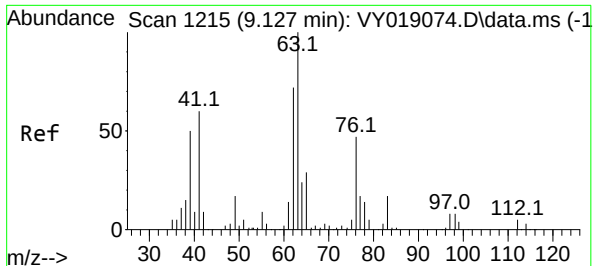
Tgt Ion: 43 Resp: 31450
Ion Ratio Lower Upper
43 100
61 20.6 27.9 41.9#
87 14.7 13.1 19.7



#44
Trichloroethene
Concen: 18.725 ug/l
RT: 8.853 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion:130 Resp: 30872
Ion Ratio Lower Upper
130 100
95 90.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 18.520 ug/l

RT: 9.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

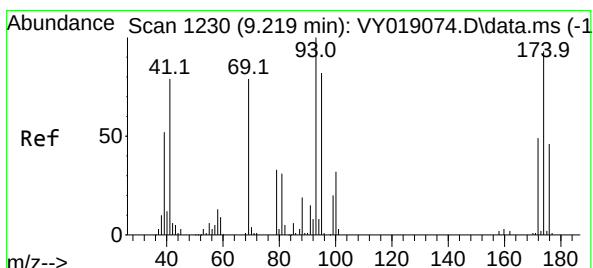
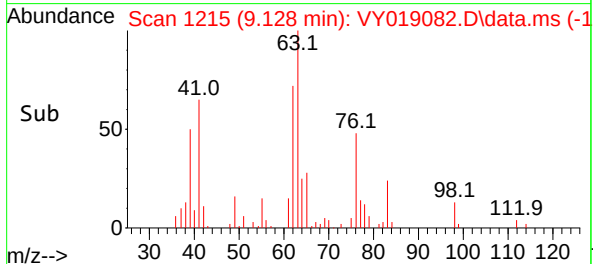
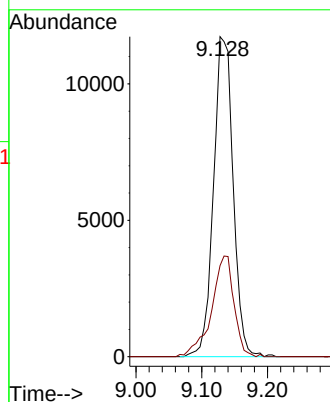
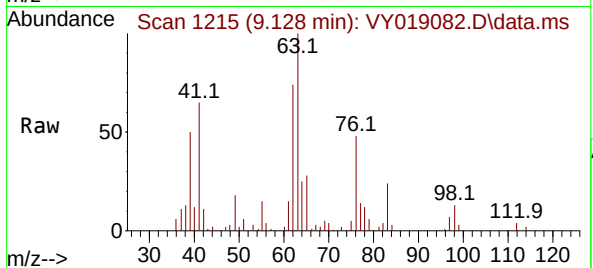
ClientSampleId :

Tgt Ion: 63 Resp: 24381

Ion Ratio Lower Upper

63 100

65 28.5 25.4 38.2



#46

Dibromomethane

Concen: 18.521 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

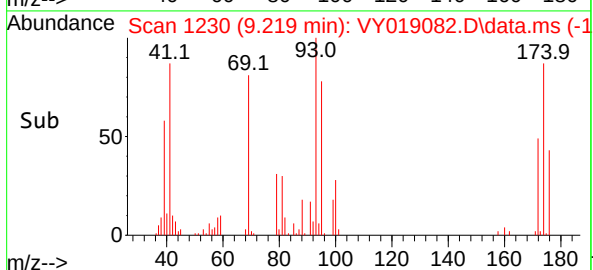
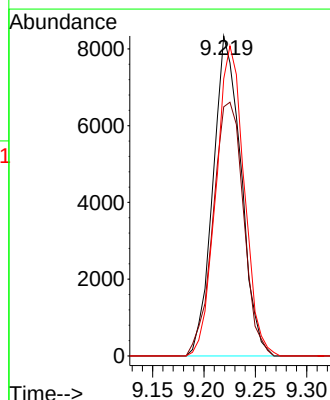
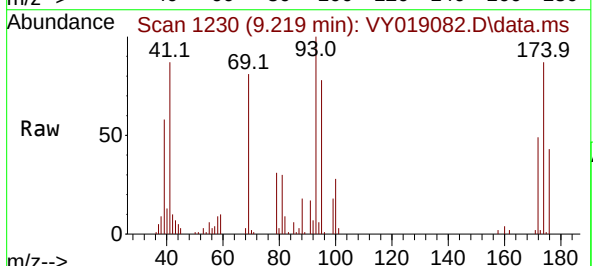
Tgt Ion: 93 Resp: 15814

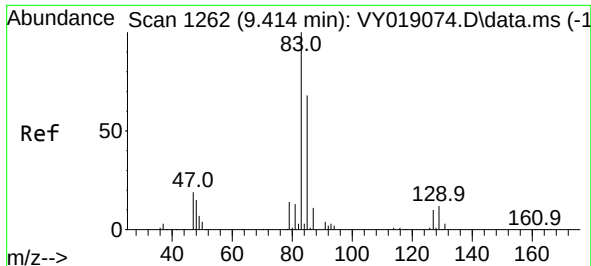
Ion Ratio Lower Upper

93 100

95 86.0 66.2 99.4

174 97.1 80.9 121.3

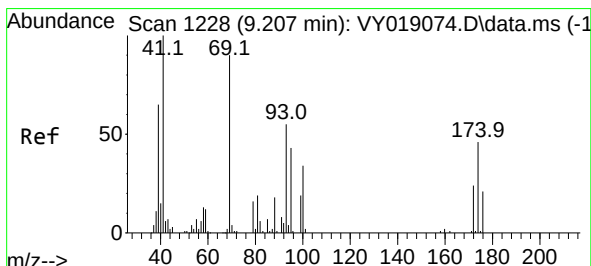
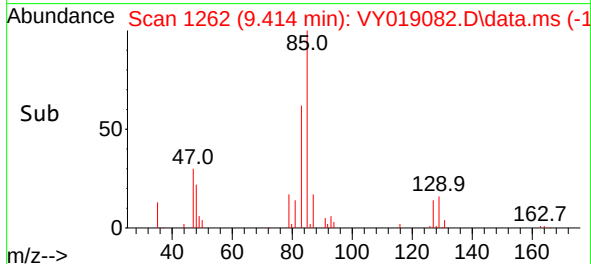
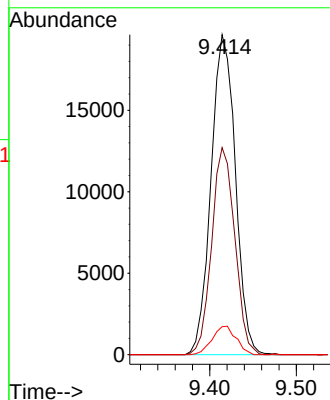
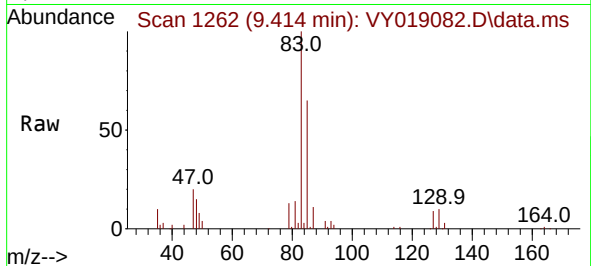




#47
Bromodichloromethane
Concen: 18.299 ug/l
RT: 9.414 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

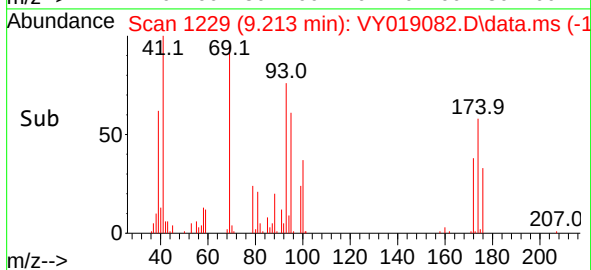
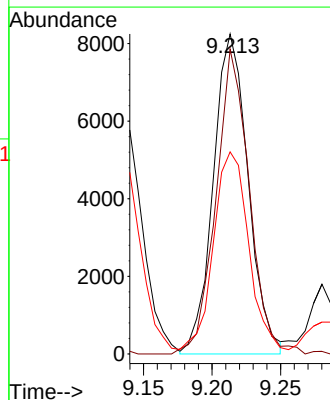
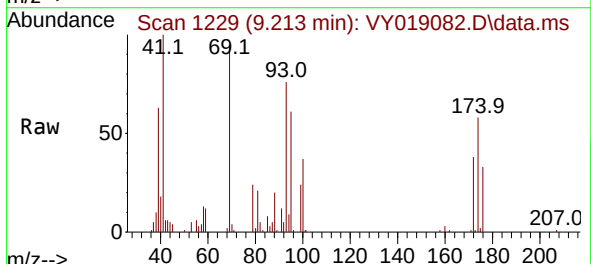
Instrument :
MSVOA_Y
ClientSampleId :

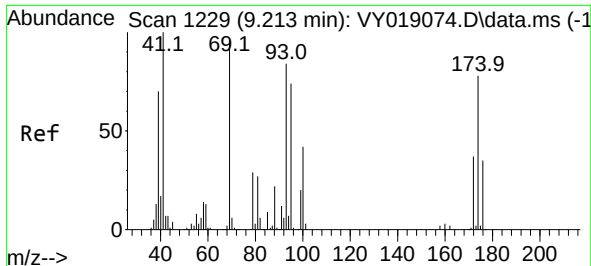
Tgt Ion: 83 Resp: 38334
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 18.935 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion: 41 Resp: 14567
Ion Ratio Lower Upper
41 100
69 91.1 84.1 126.1
39 61.6 43.6 65.4





#49

1,4-Dioxane

Concen: 355.884 ug/l

RT: 9.213 min Scan# 11

Delta R.T. 0.000 min

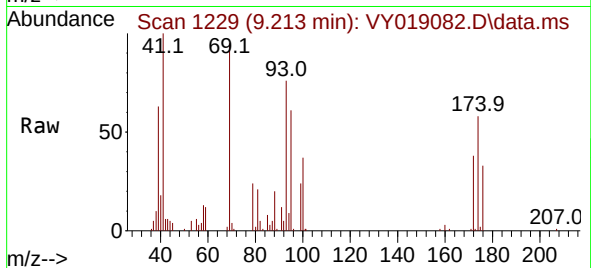
Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :



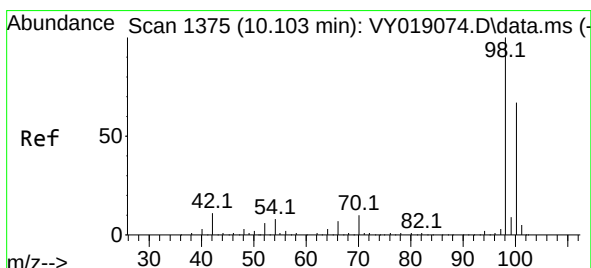
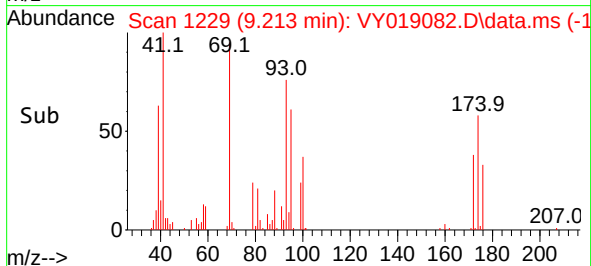
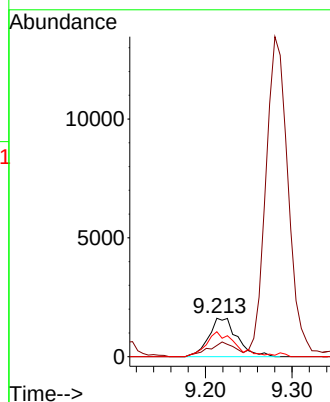
Tgt Ion: 88 Resp: 3681

Ion Ratio Lower Upper

88 100

43 35.6 0.0 0.0#

58 65.0 49.3 73.9



#50

Toluene-d8

Concen: 45.369 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019082.D

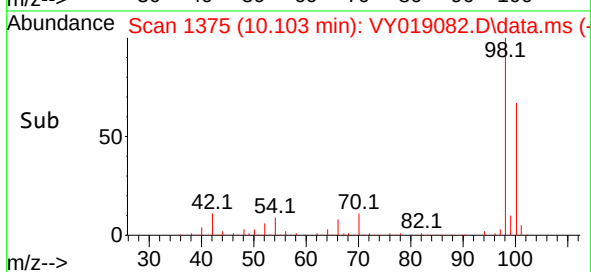
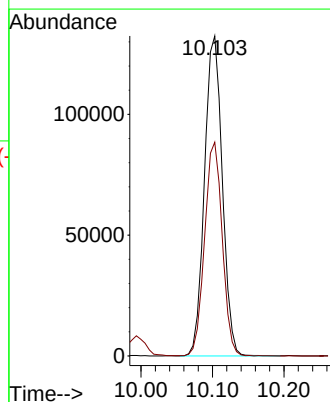
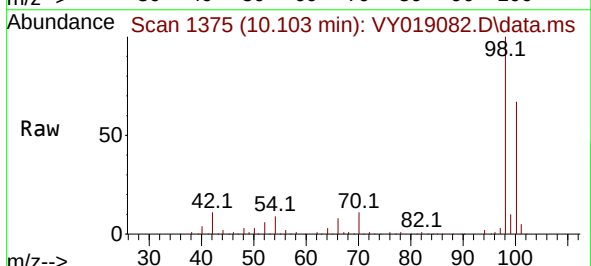
Acq: 16 Aug 2024 10:02

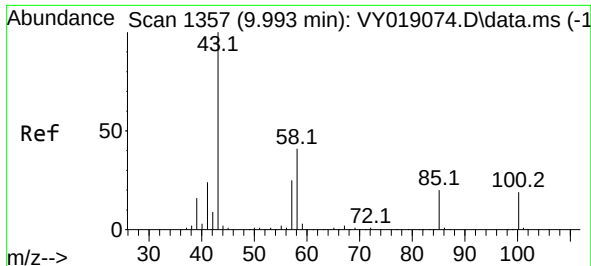
Tgt Ion: 98 Resp: 229063

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 86.449 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

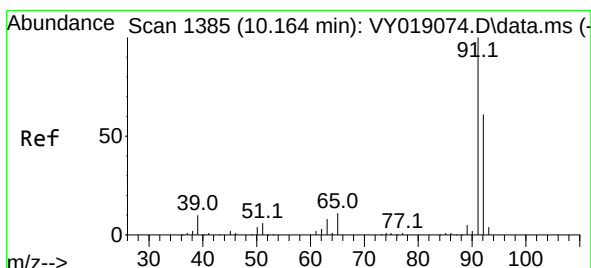
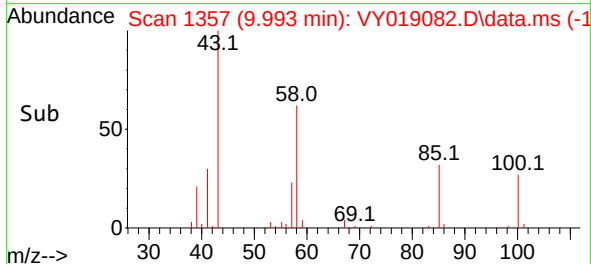
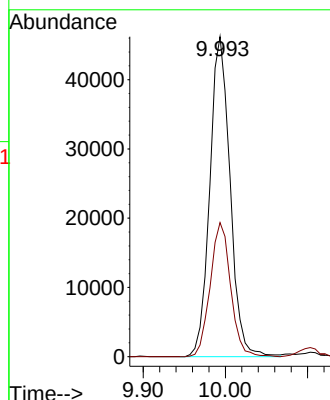
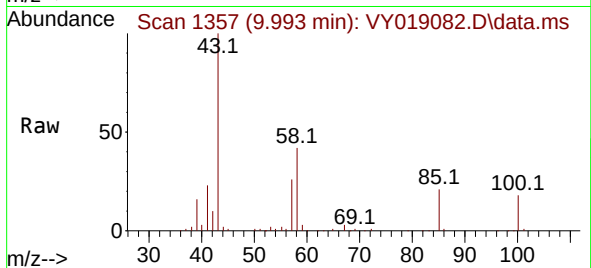
ClientSampleId :

Tgt Ion: 43 Resp: 79206

Ion Ratio Lower Upper

43 100

58 42.1 35.7 53.5



#52

Toluene

Concen: 17.530 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VY019082.D

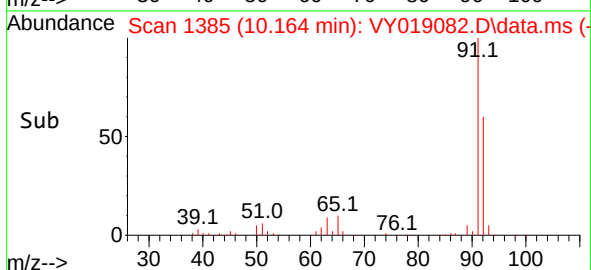
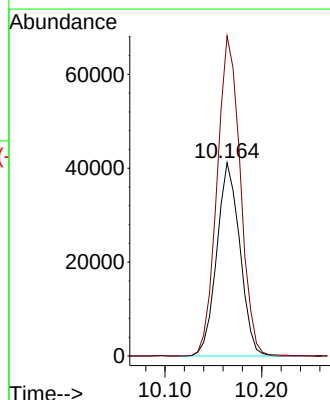
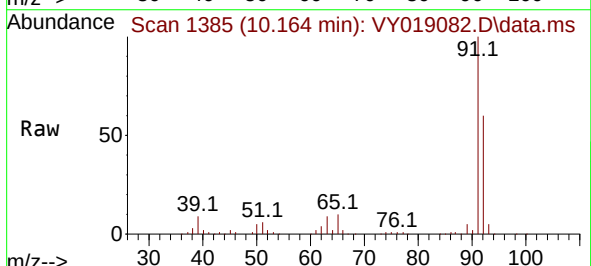
Acq: 16 Aug 2024 10:02

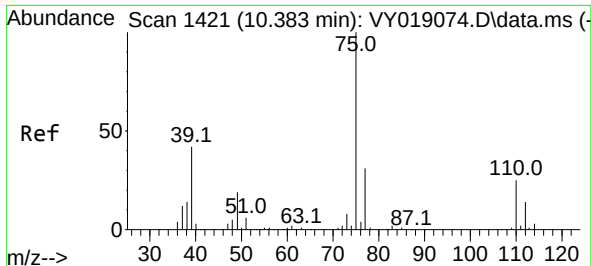
Tgt Ion: 92 Resp: 67990

Ion Ratio Lower Upper

92 100

91 167.6 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 16.421 ug/l

RT: 10.390 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

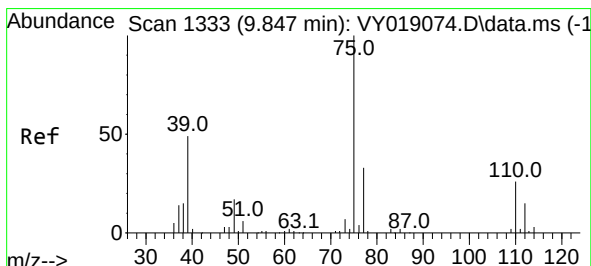
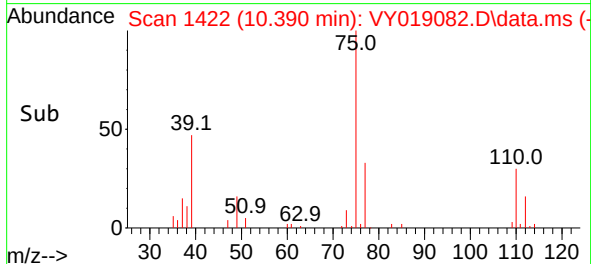
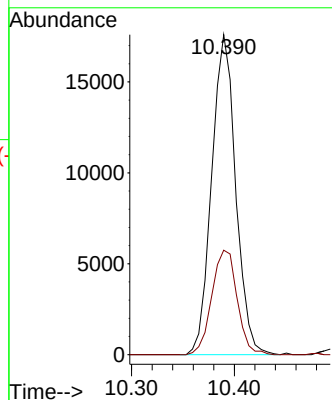
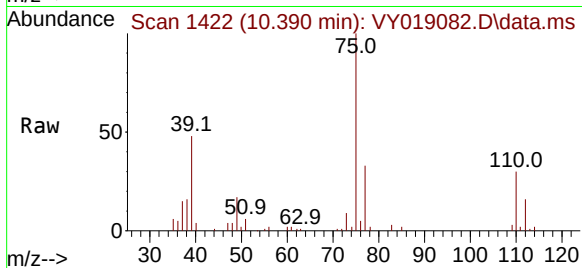
ClientSampleId :

Tgt Ion: 75 Resp: 28535

Ion Ratio Lower Upper

75 100

77 32.6 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 16.955 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.006 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

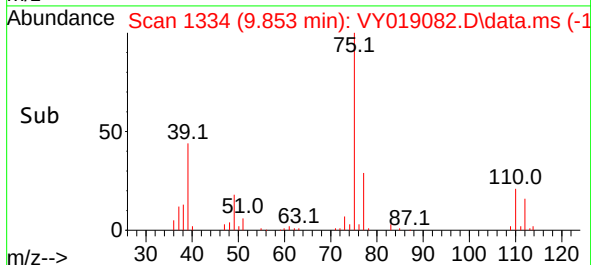
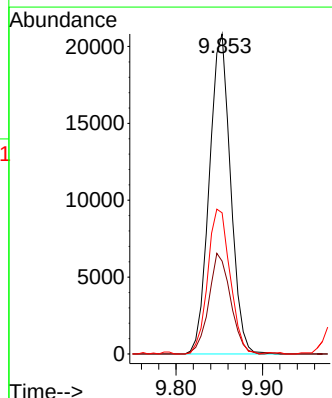
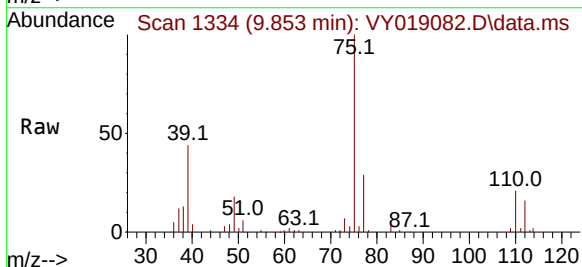
Tgt Ion: 75 Resp: 35434

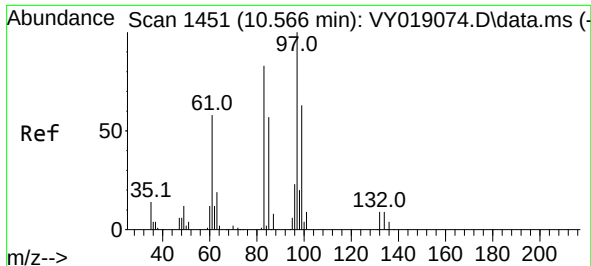
Ion Ratio Lower Upper

75 100

77 29.0 25.4 38.0

39 44.1 29.8 44.6

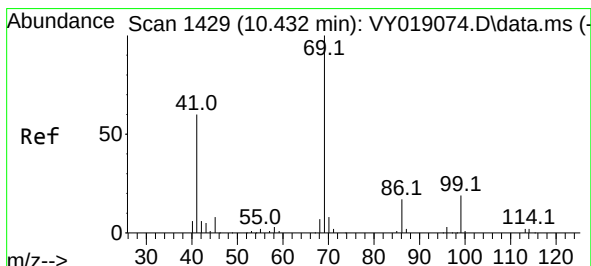
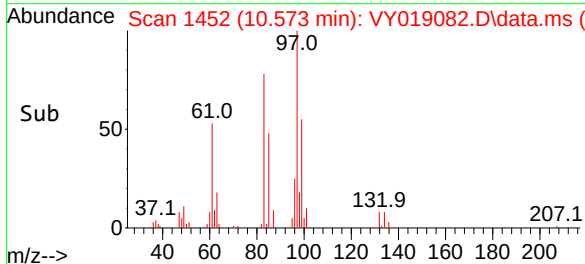
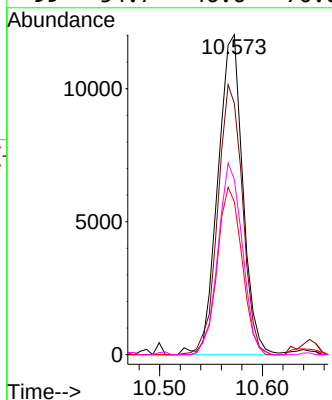
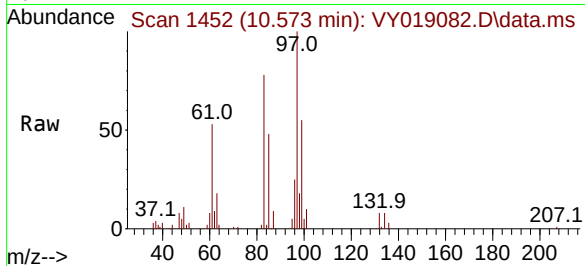




#55
1,1,2-Trichloroethane
Concen: 18.408 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

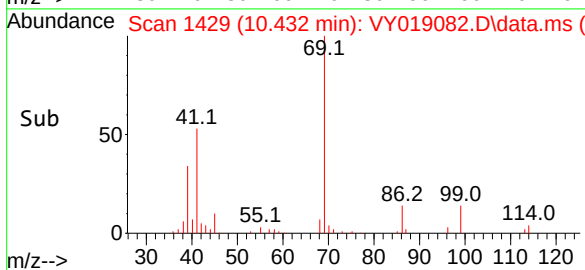
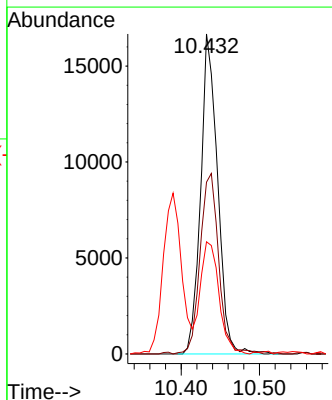
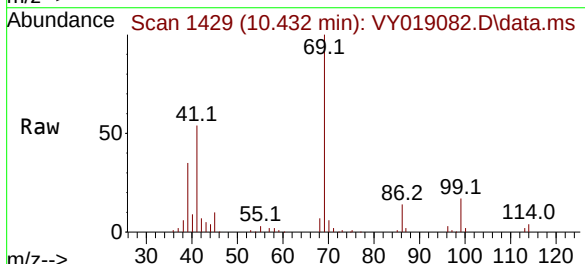
Instrument :
MSVOA_Y
ClientSampleId :

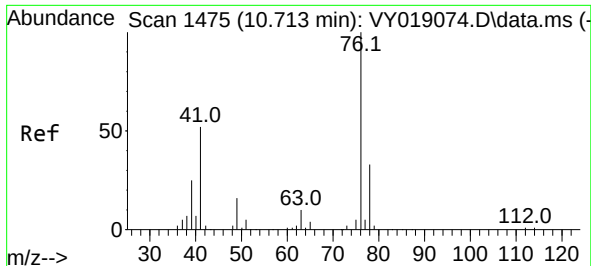
Tgt Ion: 97	Resp: 20234
Ion Ratio	Lower Upper
97 100	
83 78.5	67.5 101.3
85 47.8	42.9 64.3
99 54.7	46.6 70.0



#56
Ethyl methacrylate
Concen: 17.391 ug/l
RT: 10.432 min Scan# 1429
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion: 69	Resp: 25021
Ion Ratio	Lower Upper
69 100	
41 61.9	42.3 63.5
39 38.6	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 18.423 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

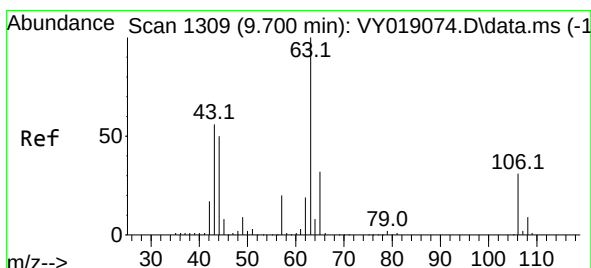
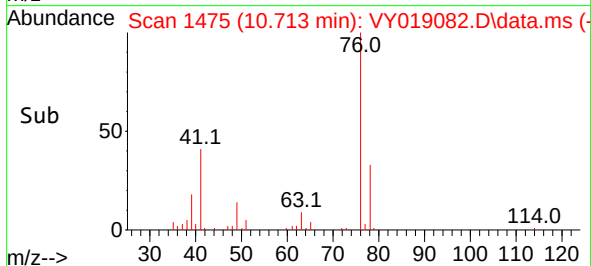
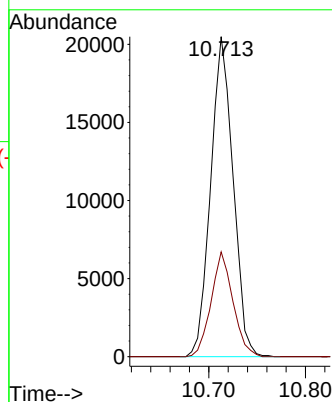
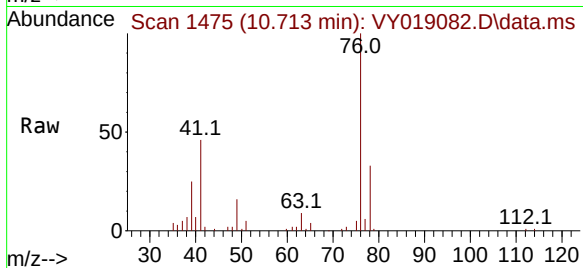
ClientSampleId :

Tgt Ion: 76 Resp: 33011

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 88.568 ug/l

RT: 9.701 min Scan# 1309

Delta R.T. 0.000 min

Lab File: VY019082.D

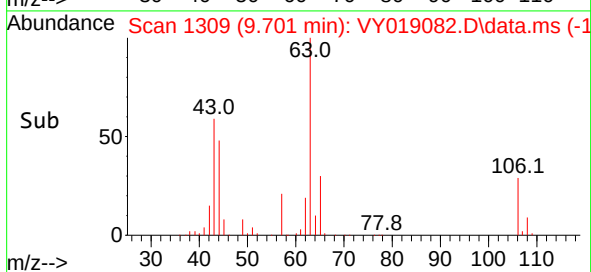
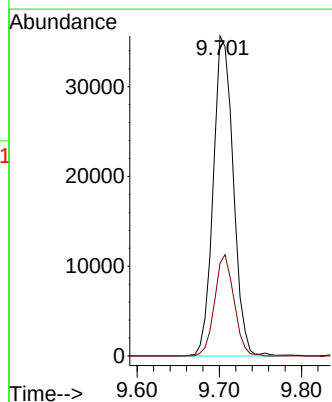
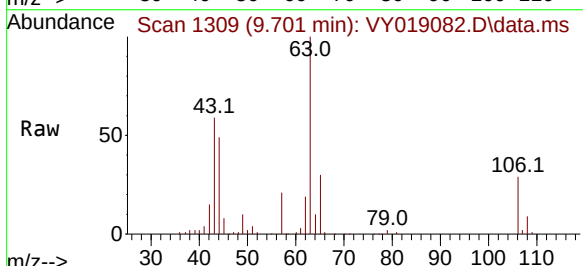
Acq: 16 Aug 2024 10:02

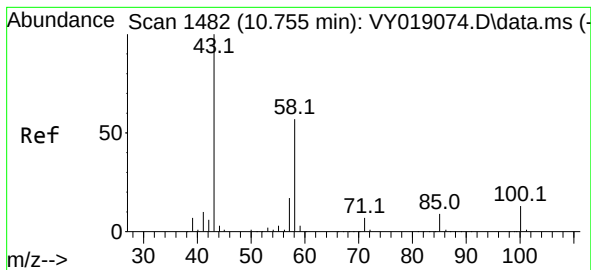
Tgt Ion: 63 Resp: 60451

Ion Ratio Lower Upper

63 100

106 30.5 23.7 35.5

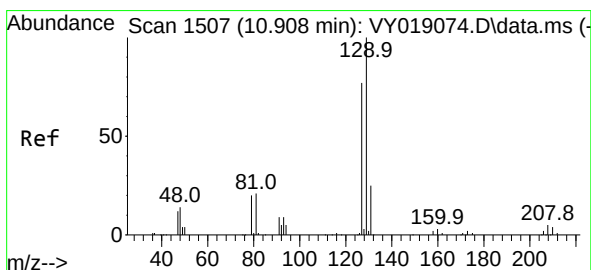
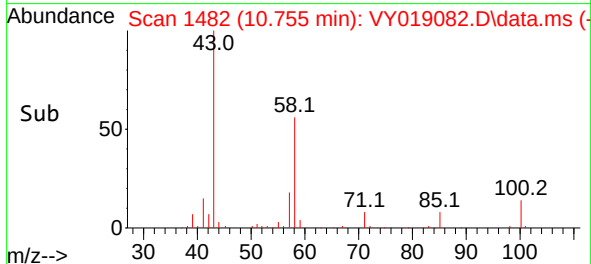
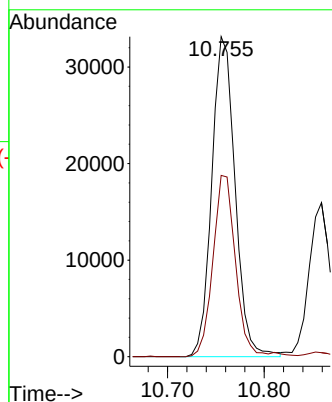
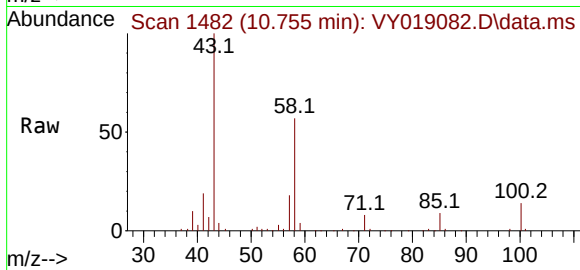




#59
2-Hexanone
Concen: 88.198 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

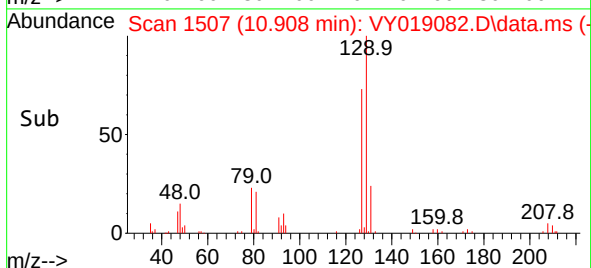
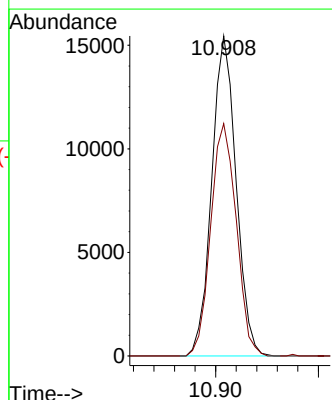
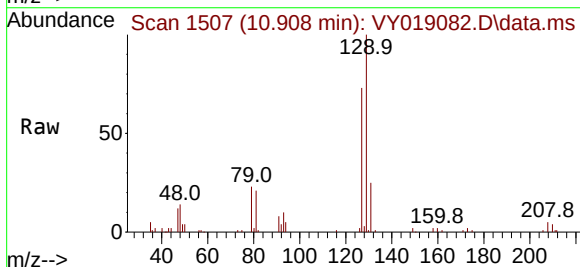
Instrument :
MSVOA_Y
ClientSampleId :

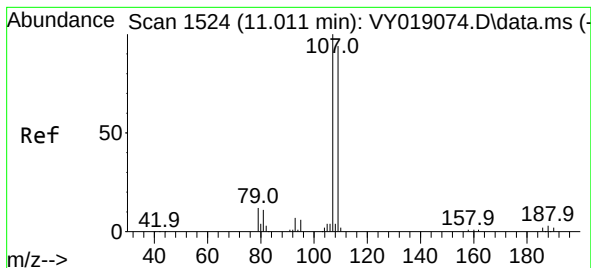
Tgt Ion: 43 Resp: 55517
Ion Ratio Lower Upper
43 100
58 54.5 31.4 94.0



#60
Dibromochloromethane
Concen: 16.953 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion: 129 Resp: 25381
Ion Ratio Lower Upper
129 100
127 76.1 39.0 117.0

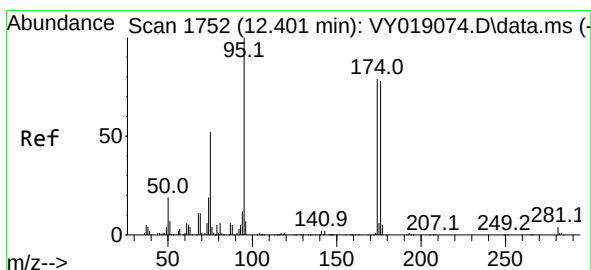
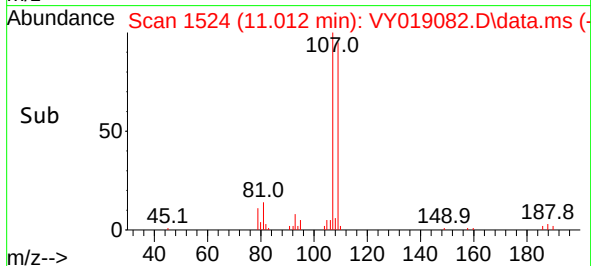
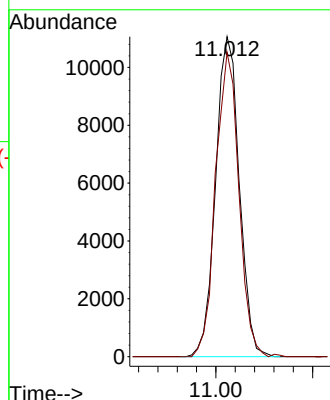
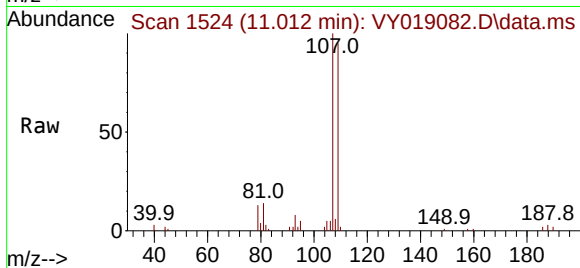




#61
1,2-Dibromoethane
Concen: 17.705 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

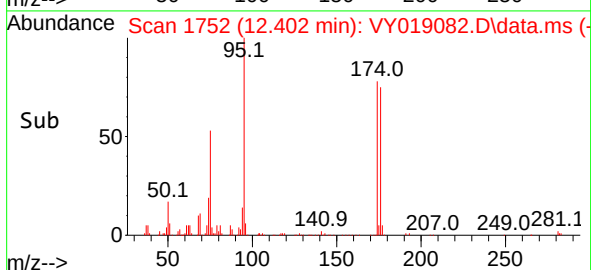
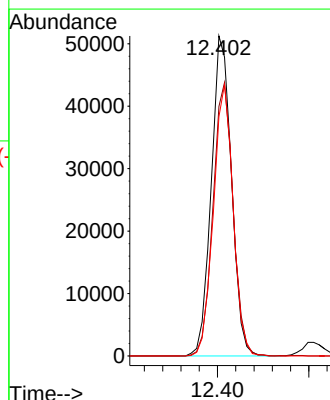
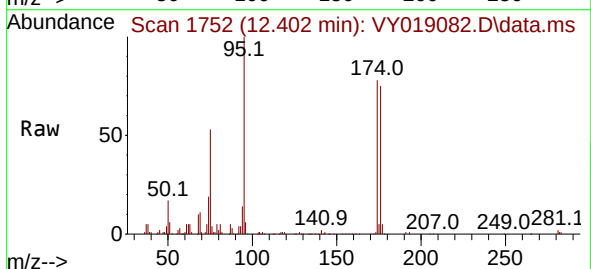
Instrument :
MSVOA_Y
ClientSampleId :

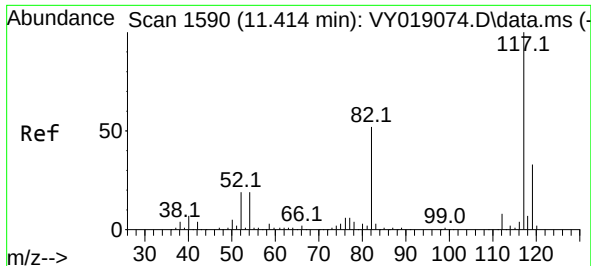
Tgt Ion:107 Resp: 18810
Ion Ratio Lower Upper
107 100
109 93.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 45.685 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion: 95 Resp: 78631
Ion Ratio Lower Upper
95 100
174 84.9 0.0 175.6
176 82.9 0.0 171.4

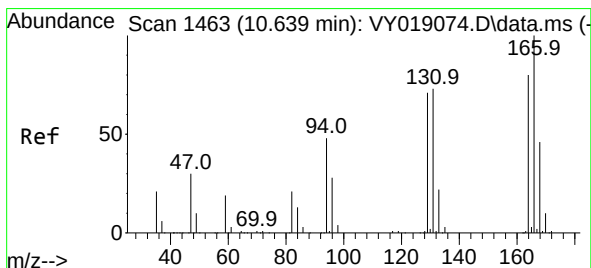
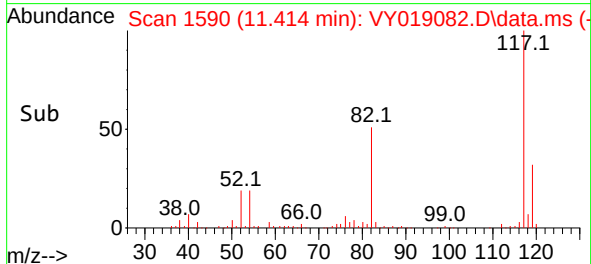
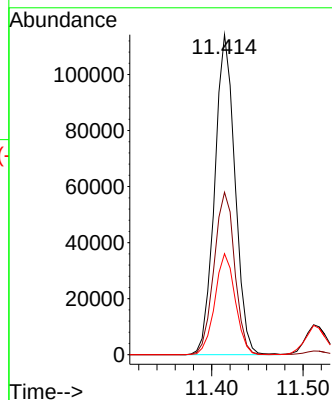
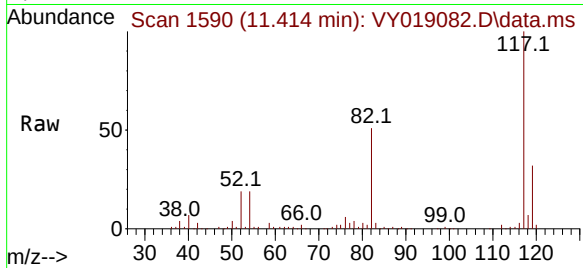




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

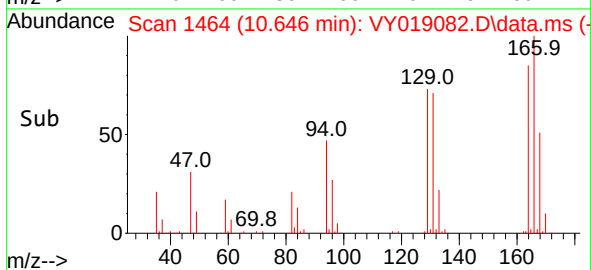
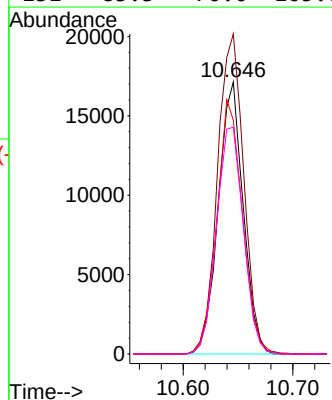
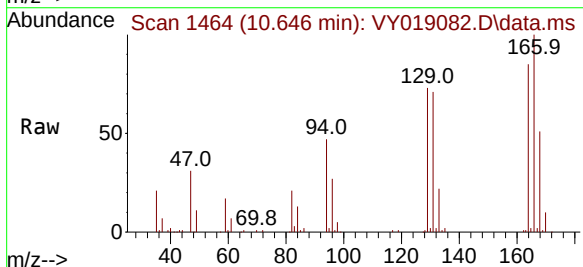
Instrument :
MSVOA_Y
ClientSampleId :

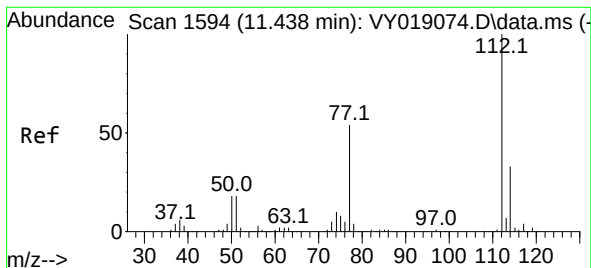
Tgt Ion:117 Resp: 176063
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 17.568 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion:164 Resp: 27036
Ion Ratio Lower Upper
164 100
166 117.6 102.6 154.0
129 86.0 72.0 108.0
131 83.3 70.0 105.0

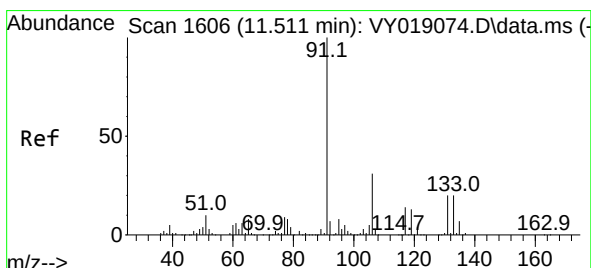
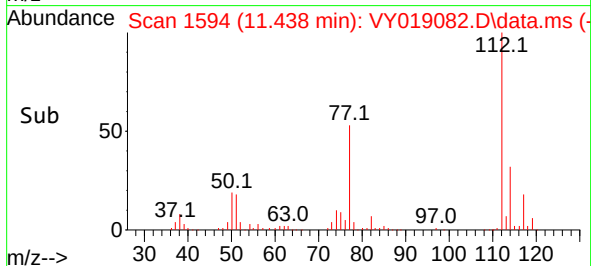
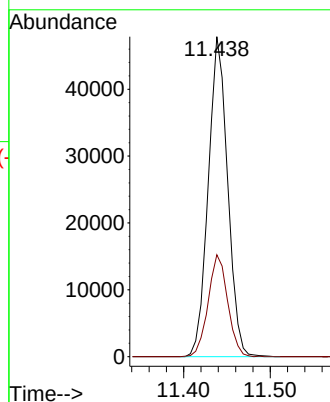
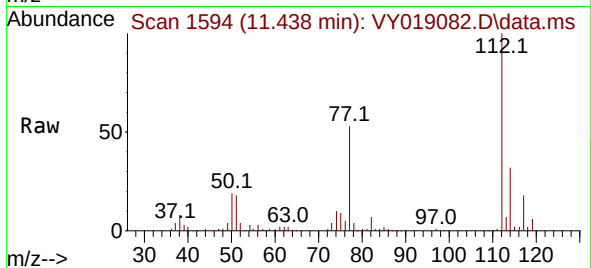




#65
Chlorobenzene
Concen: 18.348 ug/l
RT: 11.438 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

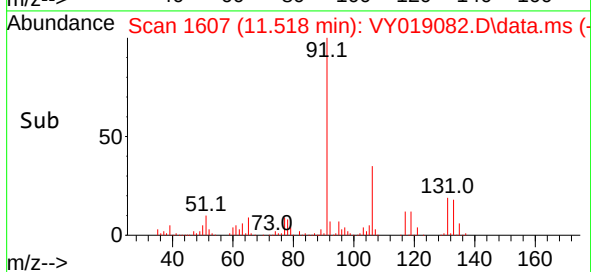
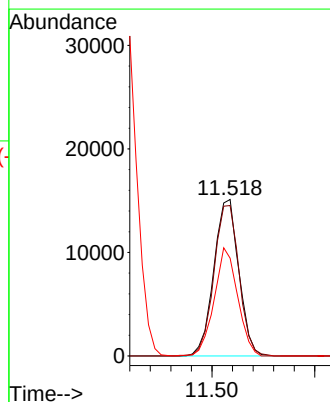
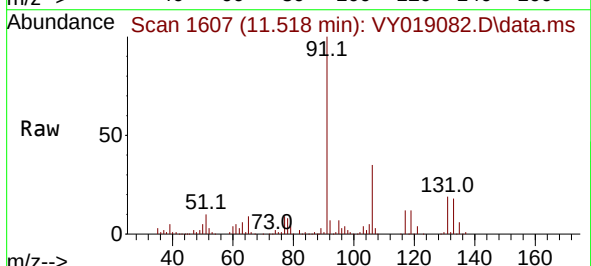
Instrument :
MSVOA_Y
ClientSampleId :

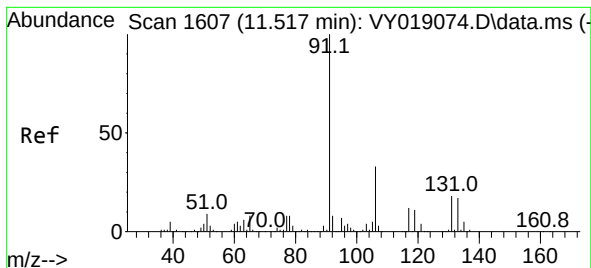
Tgt Ion:112 Resp: 74384
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 17.839 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion:131 Resp: 25433
Ion Ratio Lower Upper
131 100
133 97.0 47.8 143.3
119 65.2 34.1 102.2





#67

Ethyl Benzene

Concen: 17.711 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

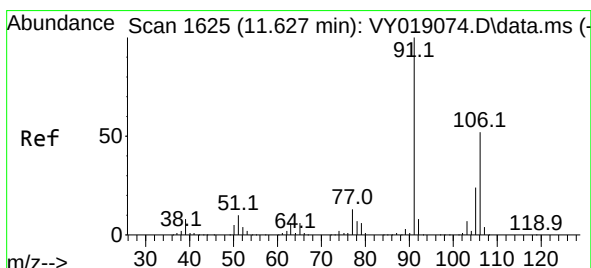
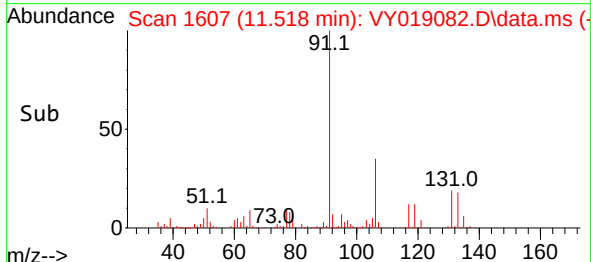
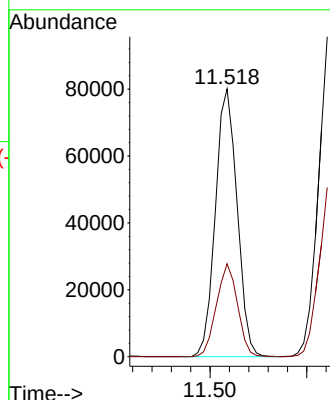
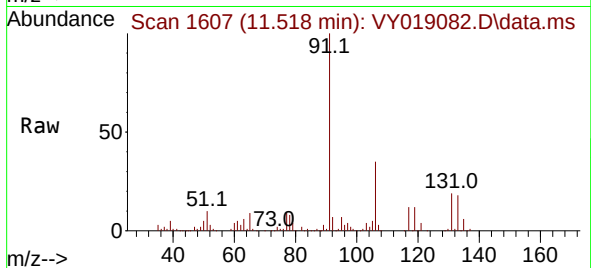
ClientSampleId :

Tgt Ion: 91 Resp: 124624

Ion Ratio Lower Upper

91 100

106 34.7 24.5 36.7



#68

m/p-Xylenes

Concen: 36.056 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019082.D

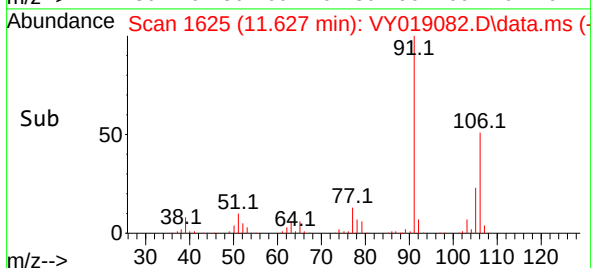
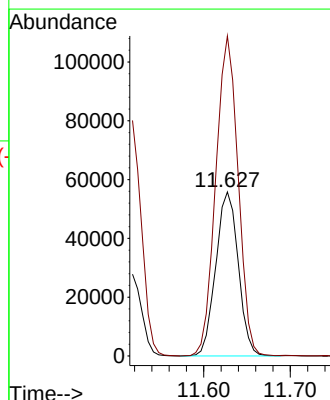
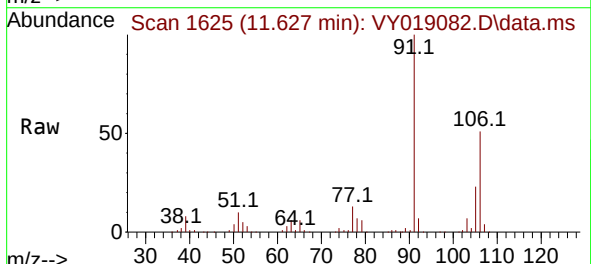
Acq: 16 Aug 2024 10:02

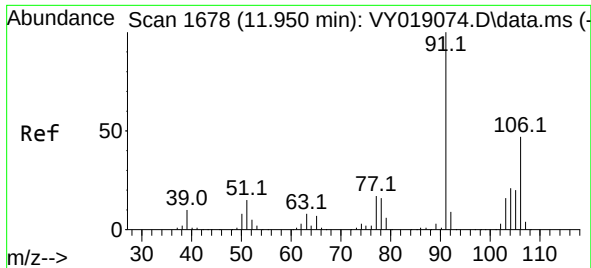
Tgt Ion:106 Resp: 100668

Ion Ratio Lower Upper

106 100

91 193.9 156.0 234.0

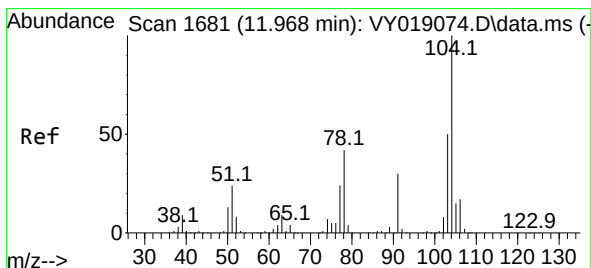
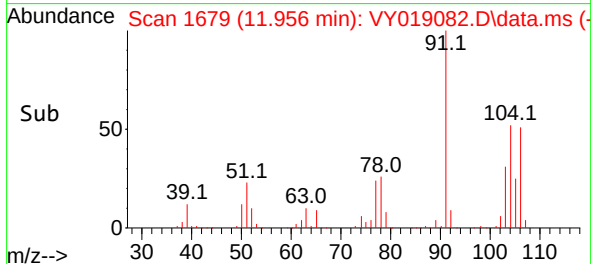
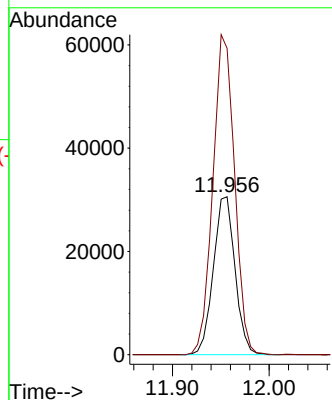
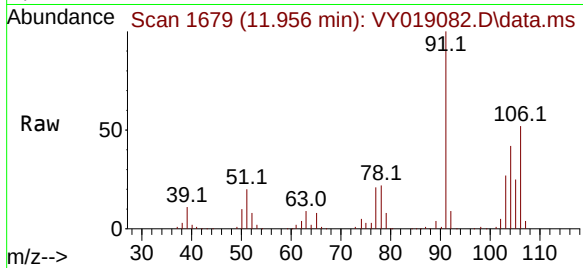




#69
o-Xylene
Concen: 18.419 ug/l
RT: 11.956 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

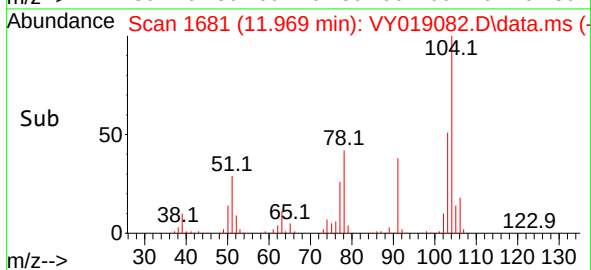
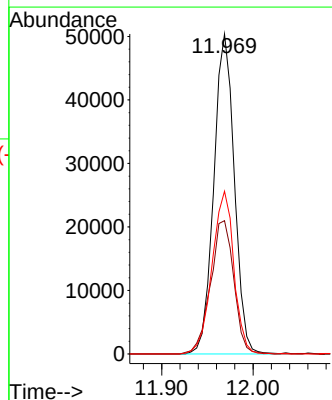
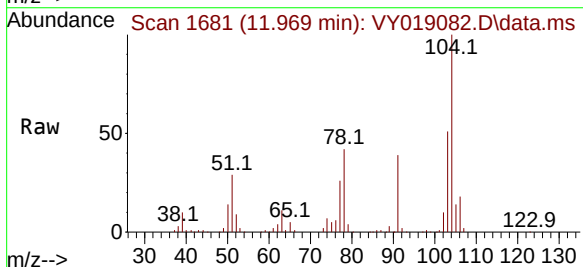
Instrument :
MSVOA_Y
ClientSampleId :

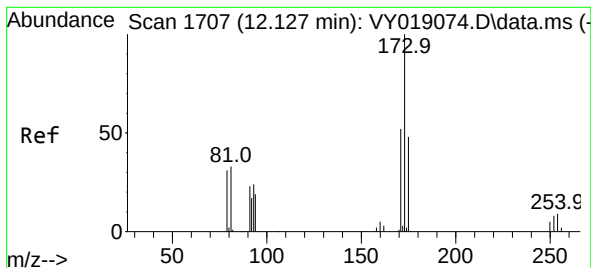
Tgt Ion:106 Resp: 47623
Ion Ratio Lower Upper
106 100
91 203.0 103.6 310.8



#70
Styrene
Concen: 17.813 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion:104 Resp: 78539
Ion Ratio Lower Upper
104 100
78 47.2 37.0 55.4
103 54.0 44.2 66.2





#71

Bromoform

Concen: 17.703 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

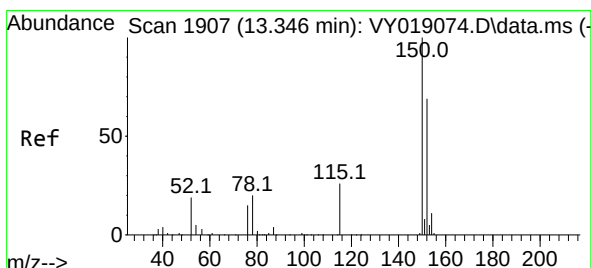
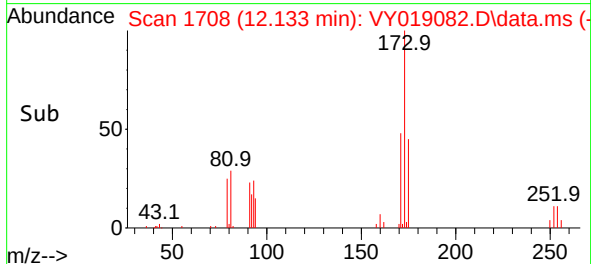
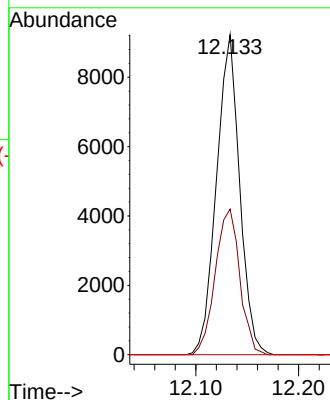
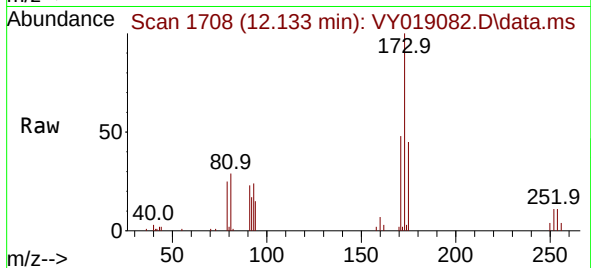
Tgt Ion:173 Resp: 14428

Ion Ratio Lower Upper

173 100

175 48.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

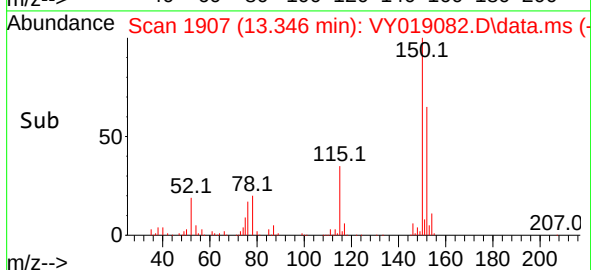
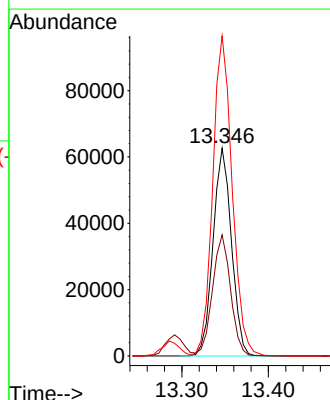
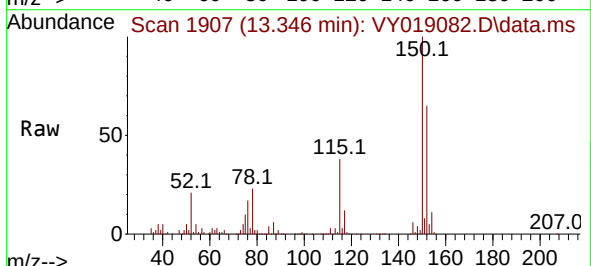
Tgt Ion:152 Resp: 92651

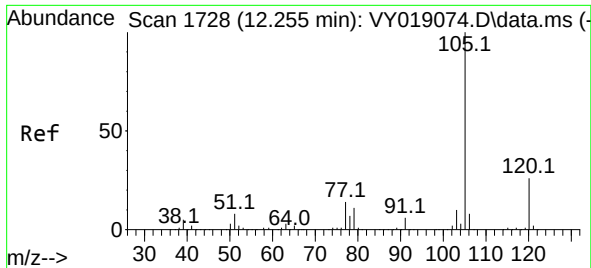
Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 162.2 0.0 345.6

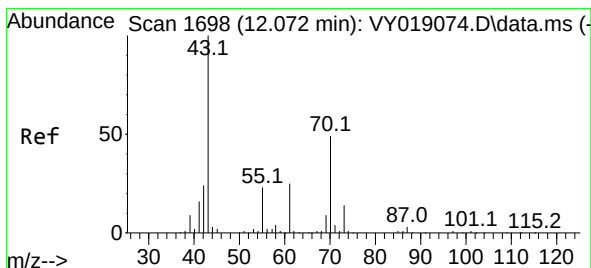
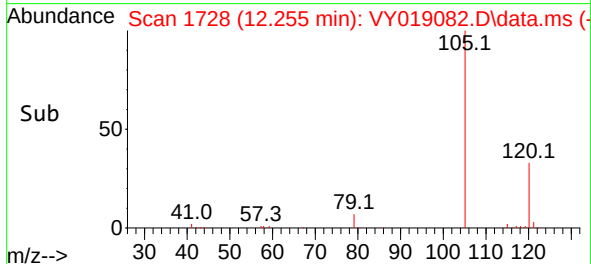
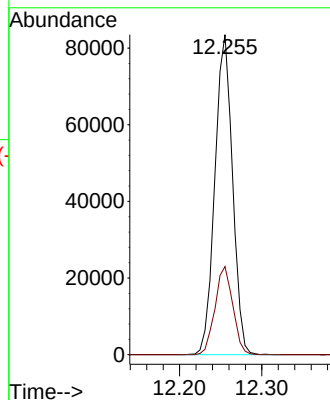
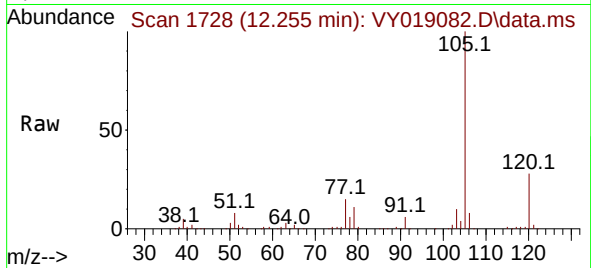




#73
Isopropylbenzene
Concen: 17.539 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

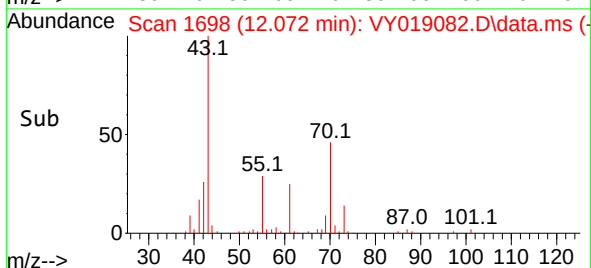
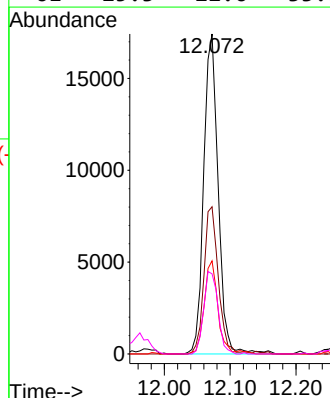
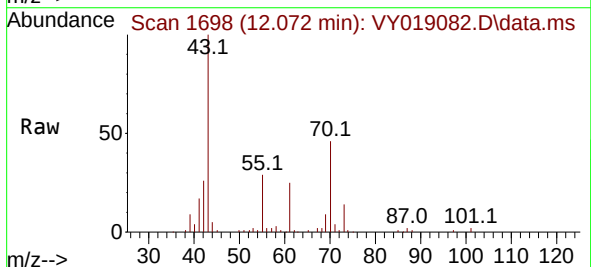
Instrument :
MSVOA_Y
ClientSampleId :

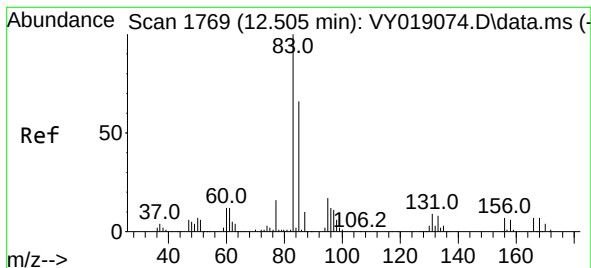
Tgt Ion:105 Resp: 124546
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.1



#74
N-ethyl acetate
Concen: 17.210 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion: 43 Resp: 26650
Ion Ratio Lower Upper
43 100
70 46.0 41.4 62.2
55 27.3 23.3 34.9
61 25.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.095 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

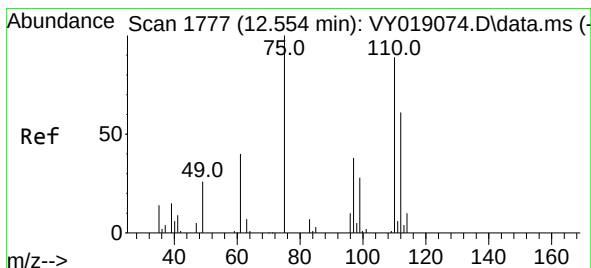
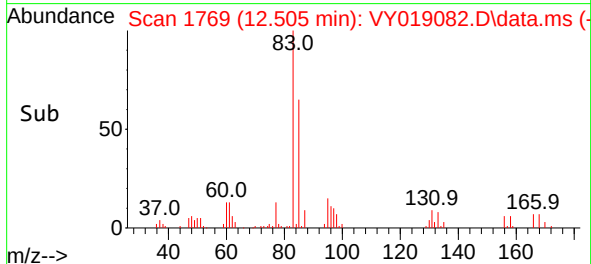
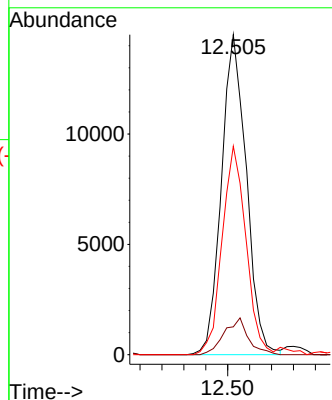
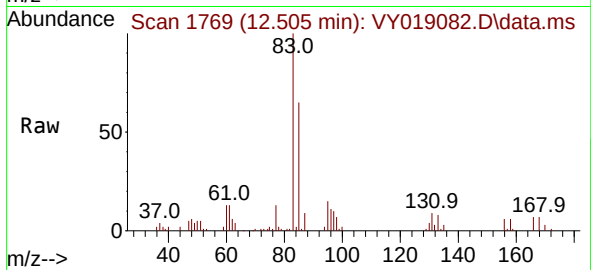
Tgt Ion: 83 Resp: 22876

Ion Ratio Lower Upper

83 100

131 11.1 5.0 14.9

85 62.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 30.387 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY019082.D

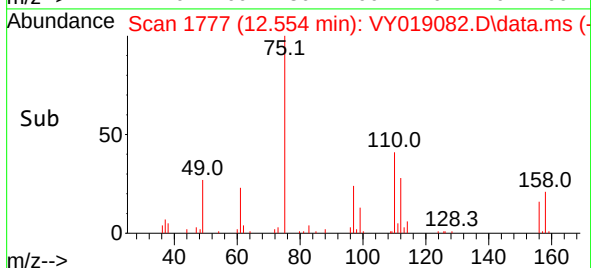
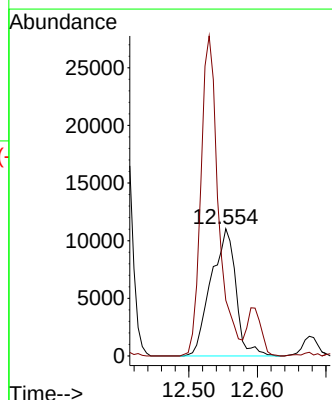
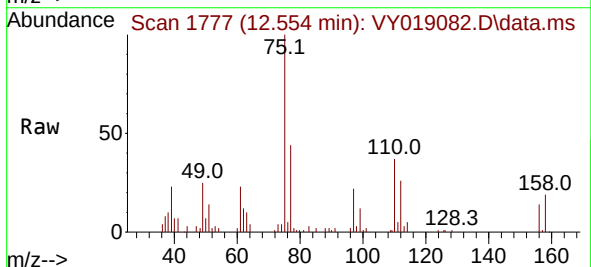
Acq: 16 Aug 2024 10:02

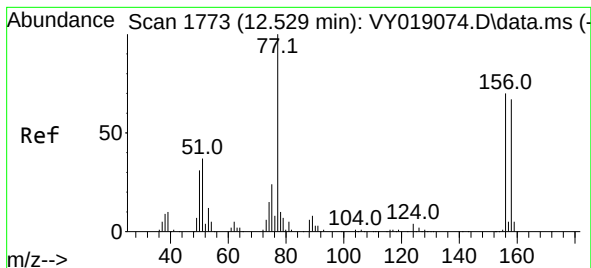
Tgt Ion: 75 Resp: 27765

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 16.966 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

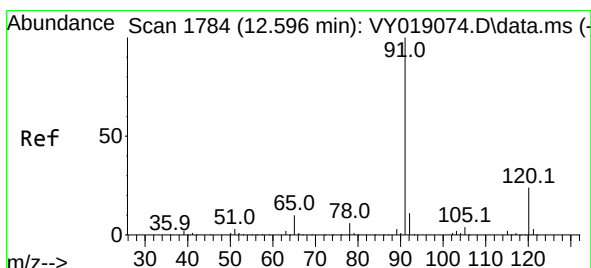
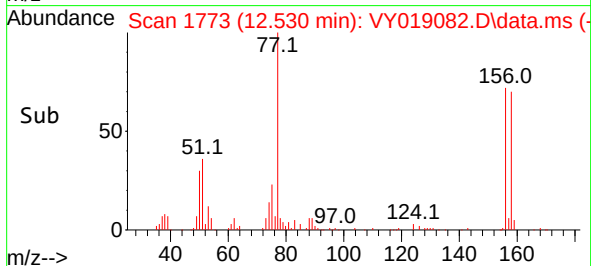
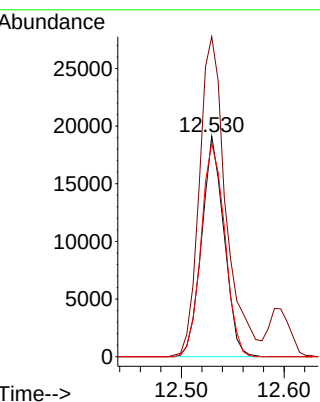
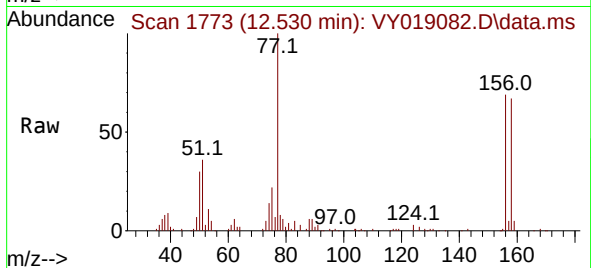
Tgt Ion:156 Resp: 28935

Ion Ratio Lower Upper

156 100

77 172.7 87.1 261.3

158 102.4 48.6 145.9



#78

n-propylbenzene

Concen: 18.073 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019082.D

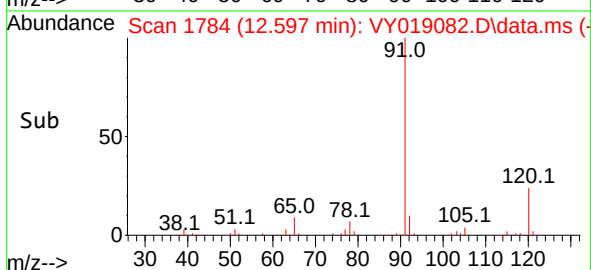
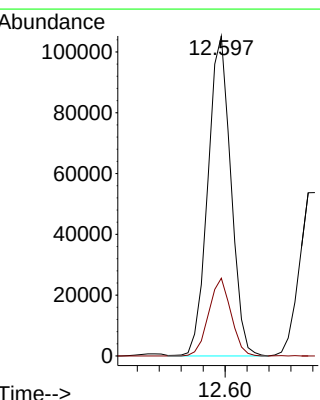
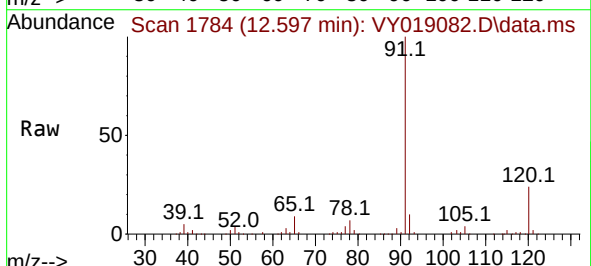
Acq: 16 Aug 2024 10:02

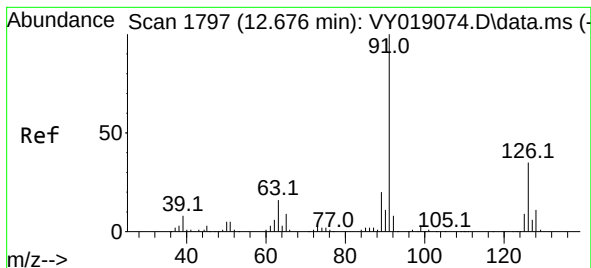
Tgt Ion: 91 Resp: 153421

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 17.676 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

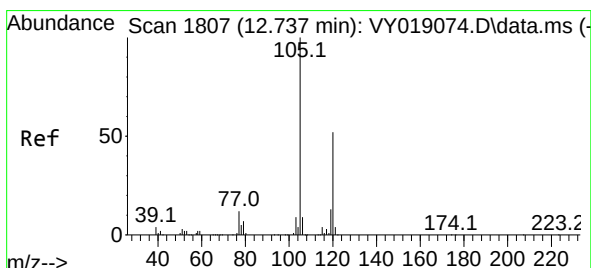
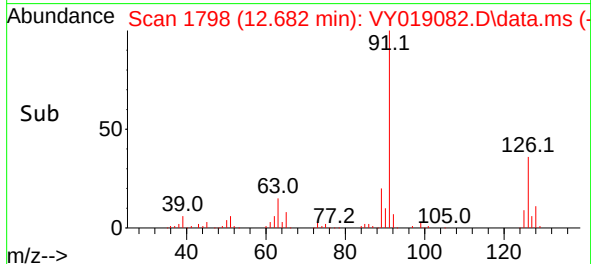
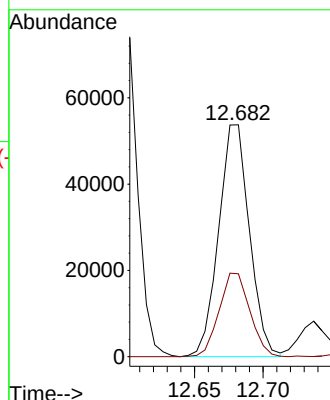
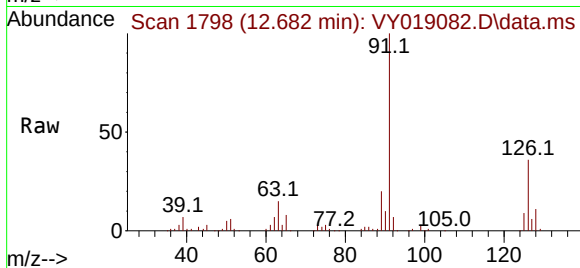
ClientSampleId :

Tgt Ion: 91 Resp: 84128

Ion Ratio Lower Upper

91 100

126 35.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 17.543 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019082.D

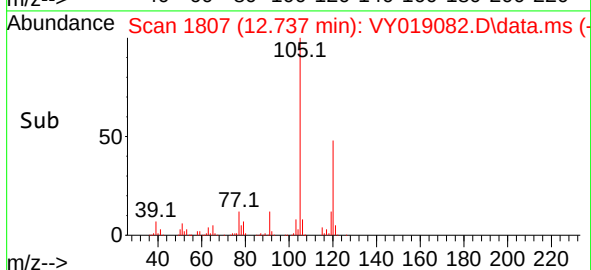
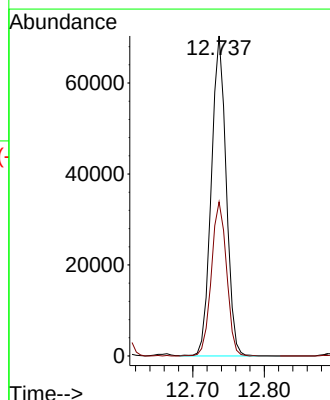
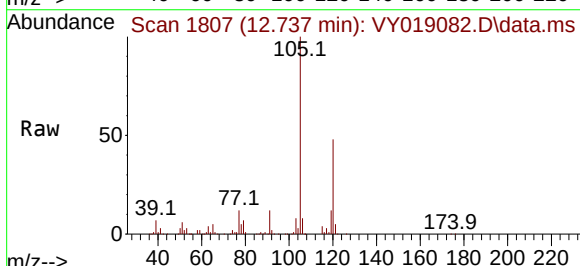
Acq: 16 Aug 2024 10:02

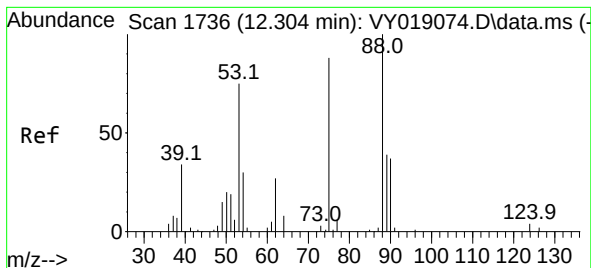
Tgt Ion:105 Resp: 101489

Ion Ratio Lower Upper

105 100

120 49.2 25.1 75.2

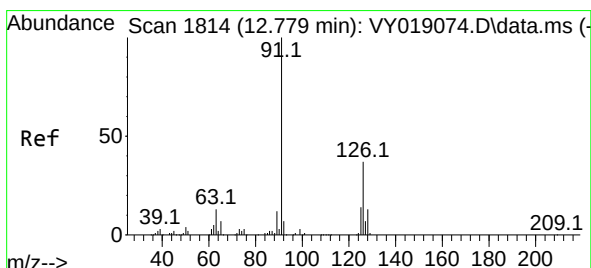
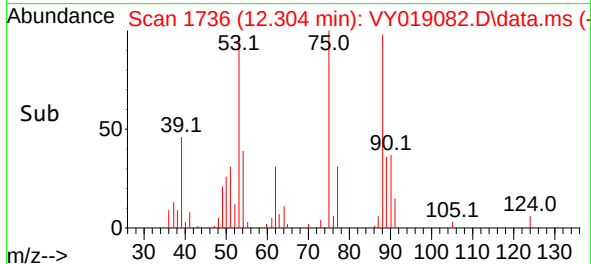
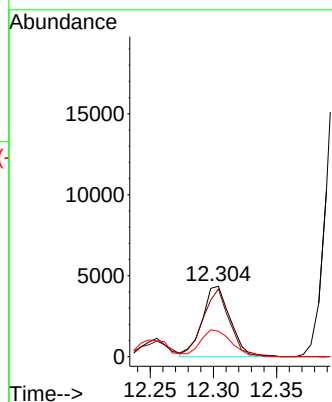
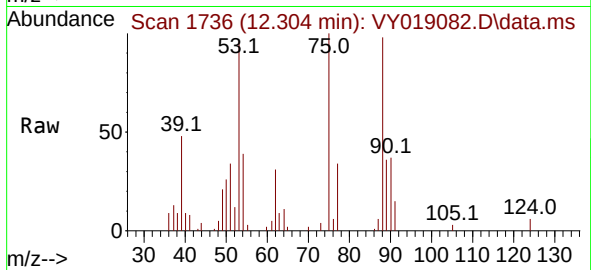




#81
trans-1,4-Dichloro-2-butene
Concen: 18.066 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

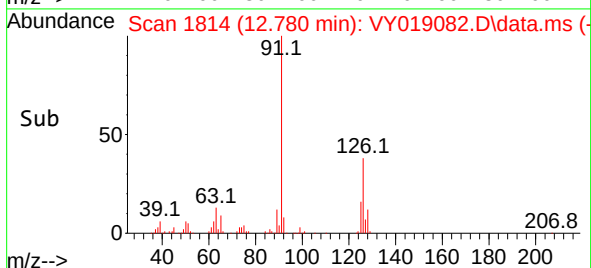
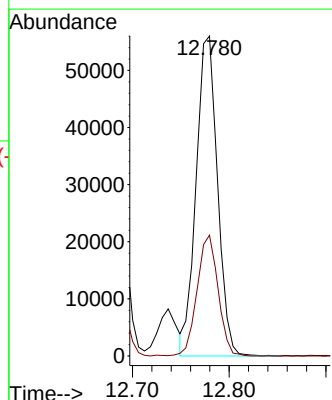
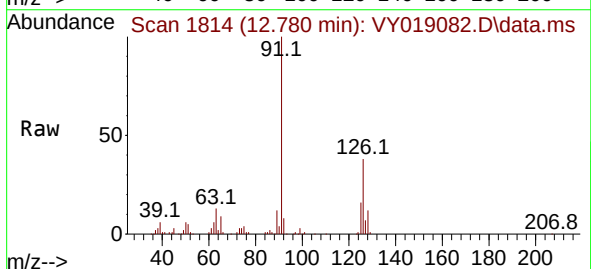
Instrument :
MSVOA_Y
ClientSampleId :

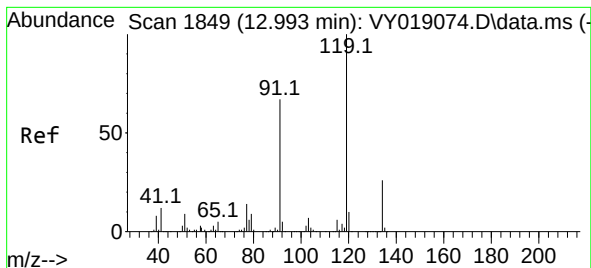
Tgt Ion: 75 Resp: 6684
Ion Ratio Lower Upper
75 100
53 91.8 66.8 100.2
89 41.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 17.388 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion: 91 Resp: 86100
Ion Ratio Lower Upper
91 100
126 37.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 17.572 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

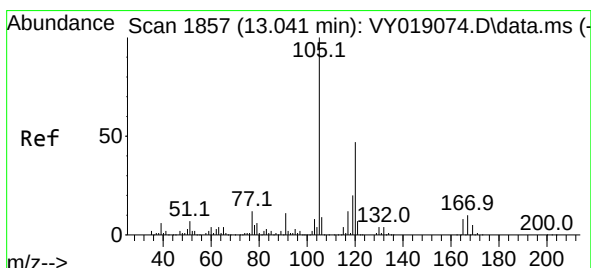
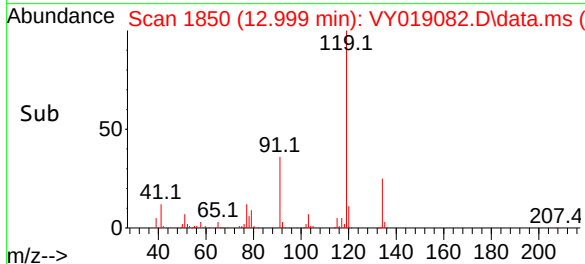
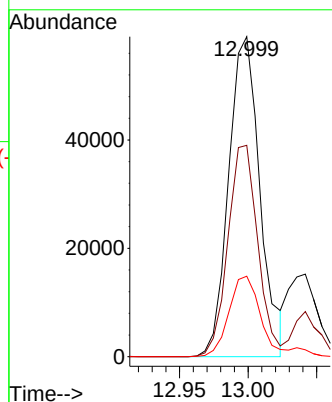
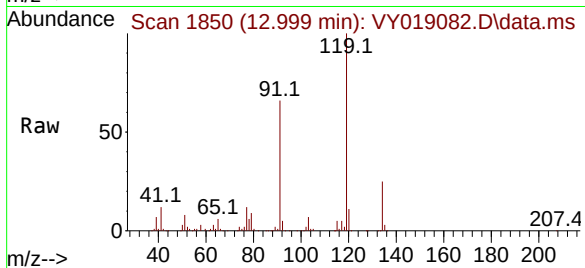
Tgt Ion:119 Resp: 93877

Ion Ratio Lower Upper

119 100

91 63.1 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 17.641 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019082.D

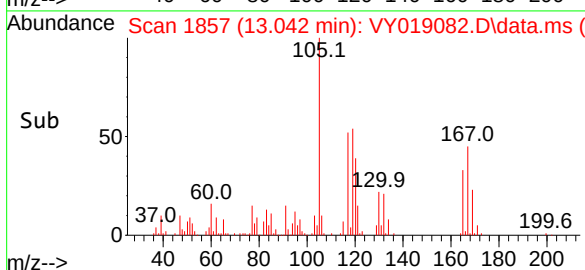
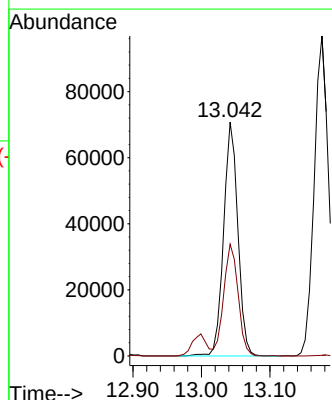
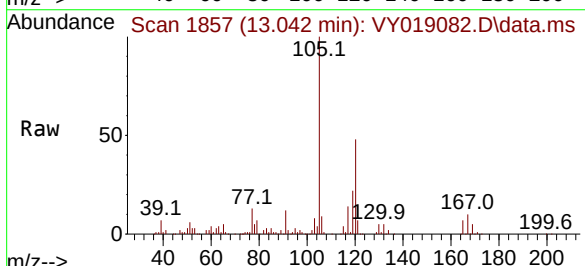
Acq: 16 Aug 2024 10:02

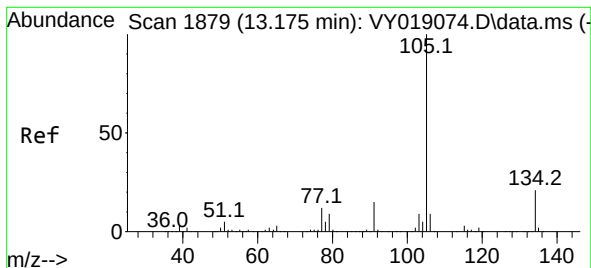
Tgt Ion:105 Resp: 101714

Ion Ratio Lower Upper

105 100

120 48.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.209 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

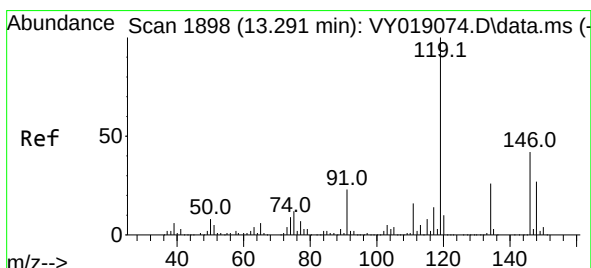
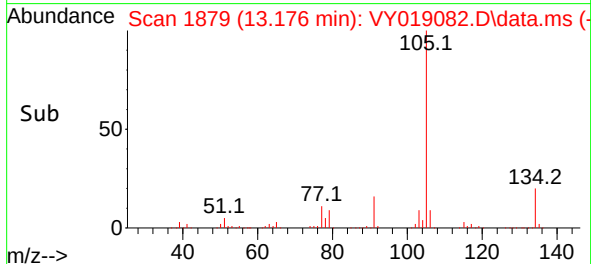
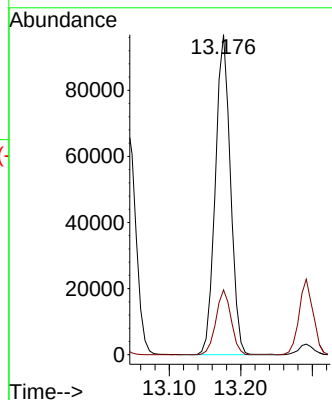
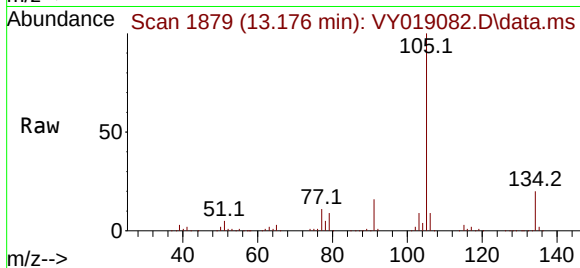
ClientSampleId :

Tgt Ion:105 Resp: 141759

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.370 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

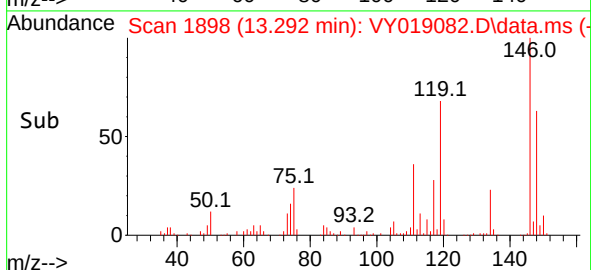
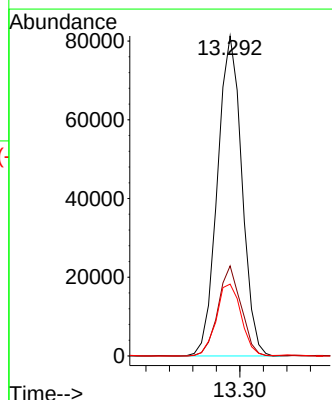
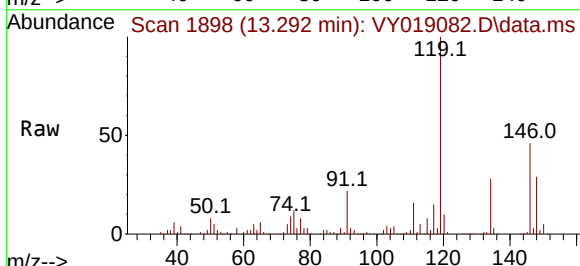
Tgt Ion:119 Resp: 117473

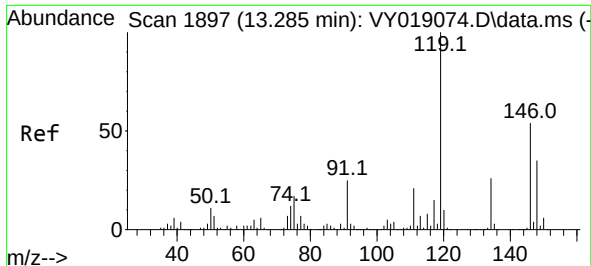
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 23.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.159 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

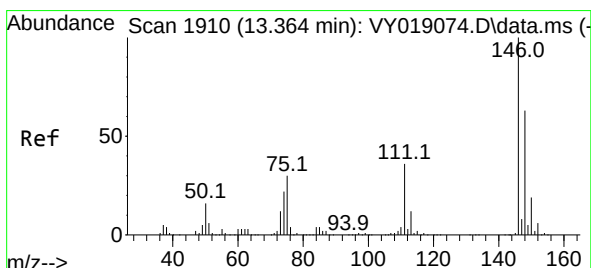
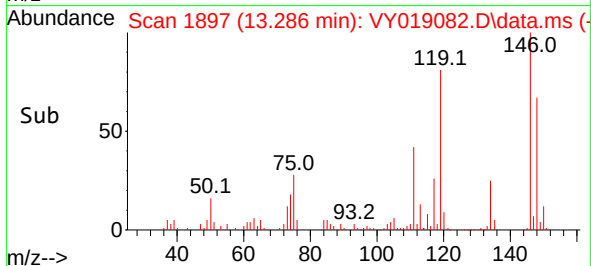
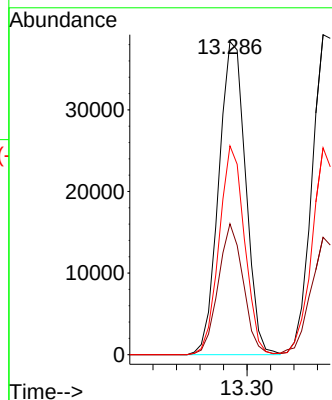
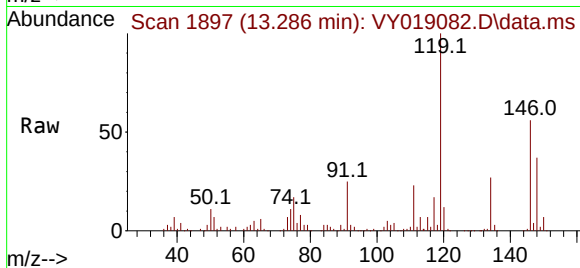
Tgt Ion:146 Resp: 61073

Ion Ratio Lower Upper

146 100

111 38.8 19.0 57.0

148 63.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 18.505 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

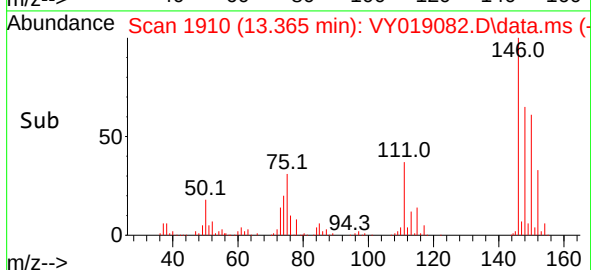
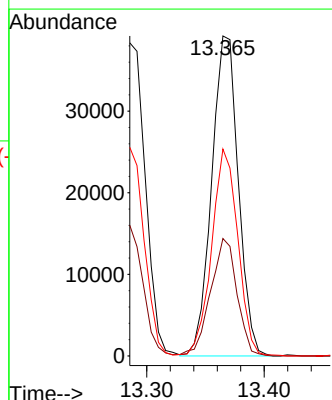
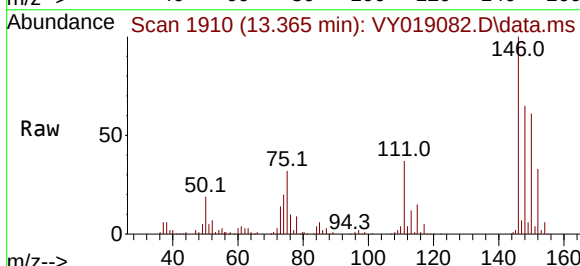
Tgt Ion:146 Resp: 61866

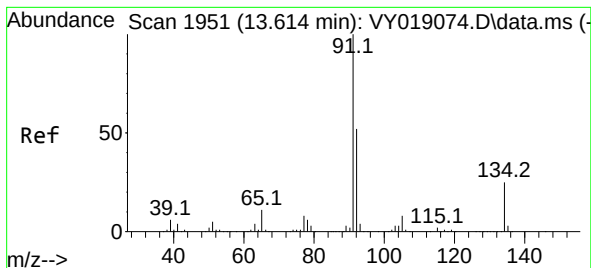
Ion Ratio Lower Upper

146 100

111 36.5 18.4 55.4

148 63.6 32.4 97.2





#89

n-Butylbenzene

Concen: 18.645 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019082.D

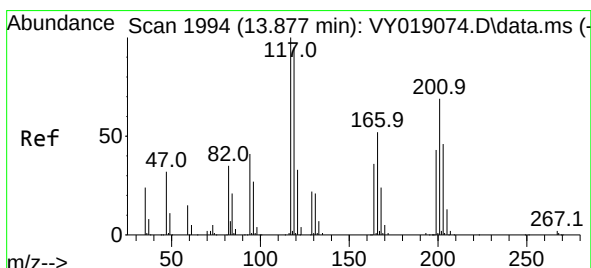
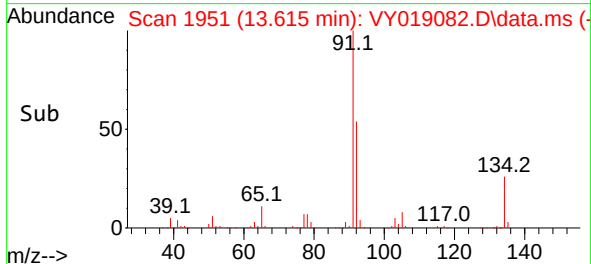
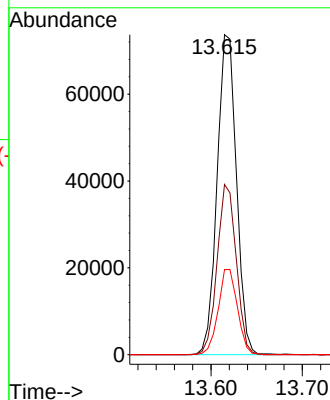
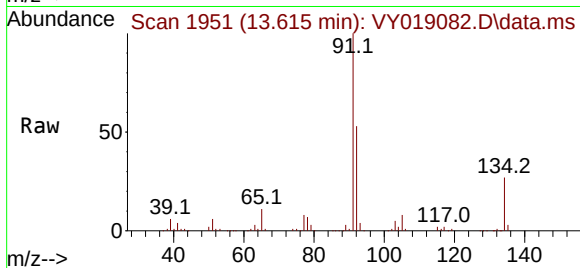
Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 108706
Ion Ratio	Lower Upper
91	100
92	52.6 26.6 79.7
134	26.5 12.9 38.7



#90

Hexachloroethane

Concen: 17.986 ug/l

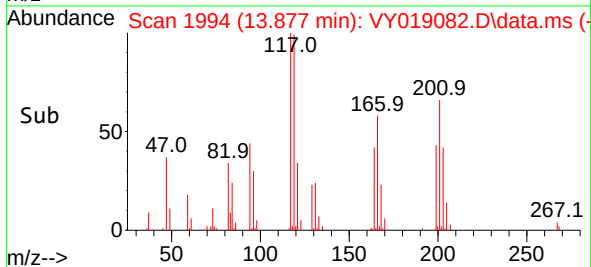
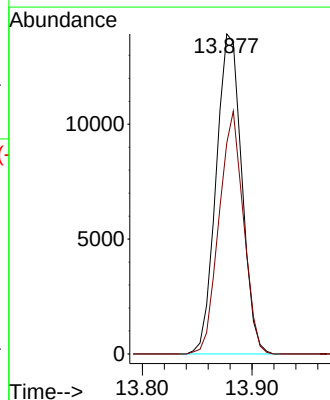
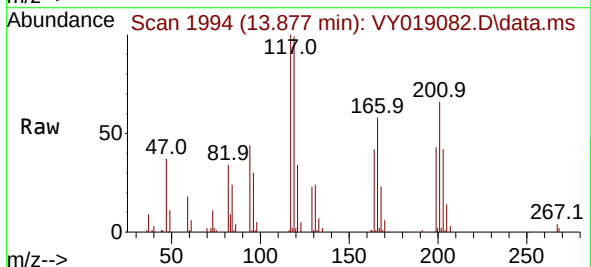
RT: 13.877 min Scan# 1994

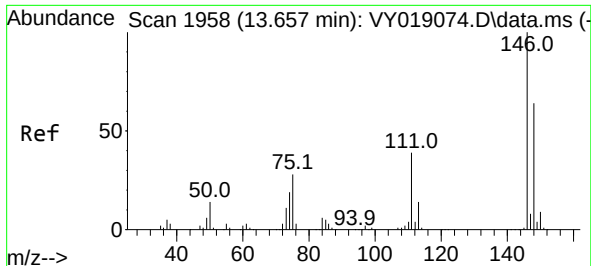
Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Tgt Ion: 117	Resp: 22670
Ion Ratio	Lower Upper
117	100
201	72.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 18.485 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

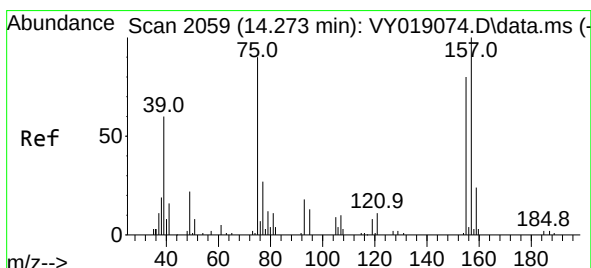
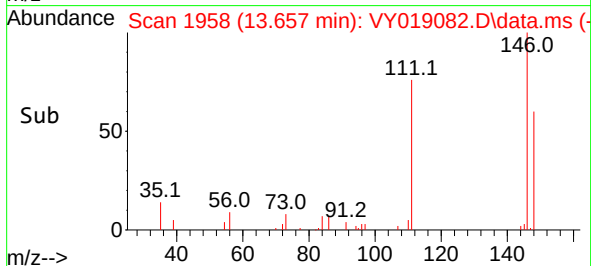
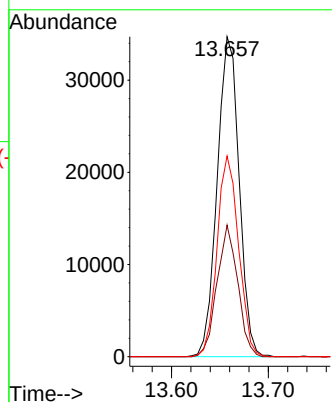
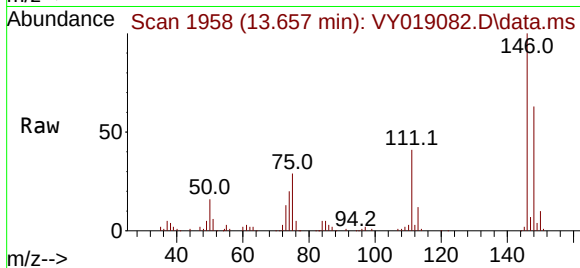
Tgt Ion:146 Resp: 54679

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

148 61.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.900 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

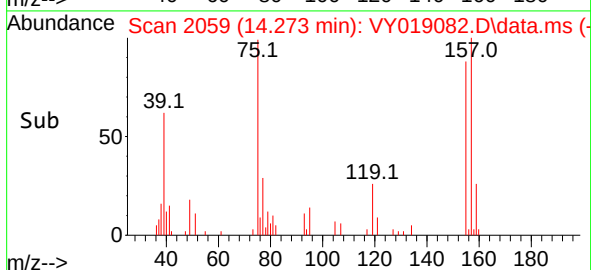
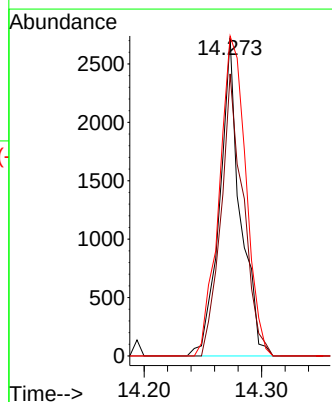
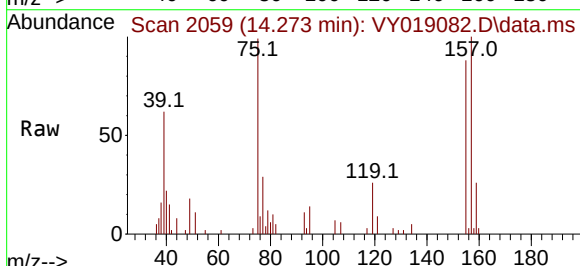
Tgt Ion: 75 Resp: 3329

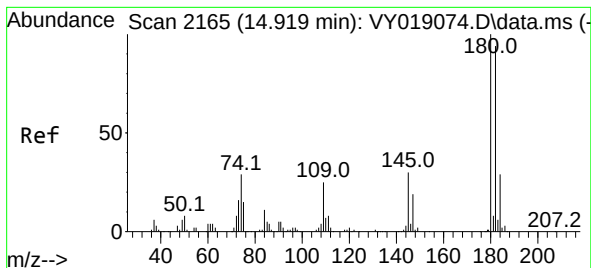
Ion Ratio Lower Upper

75 100

155 95.5 48.6 145.8

157 129.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.838 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

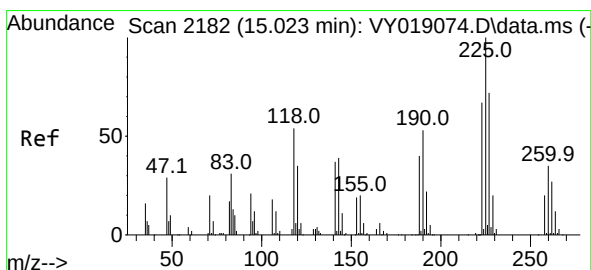
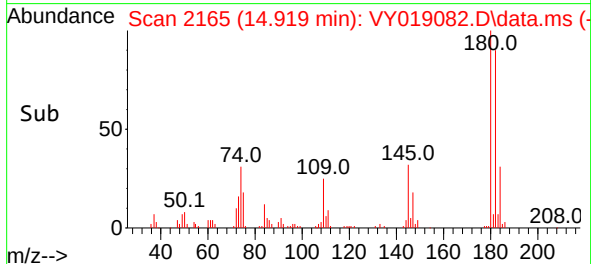
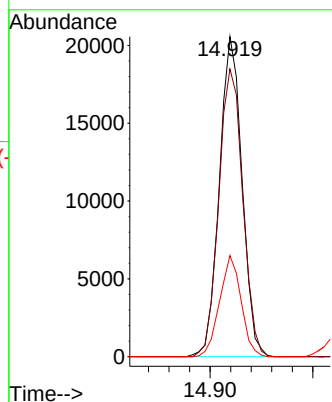
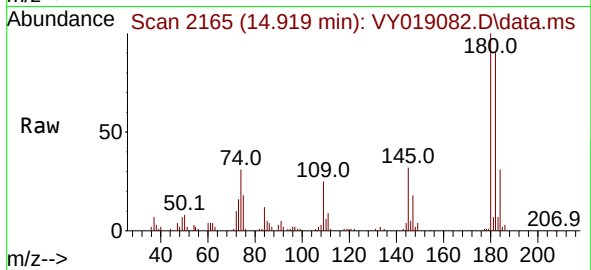
Tgt Ion:180 Resp: 31424

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.8

145 30.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.725 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019082.D

Acq: 16 Aug 2024 10:02

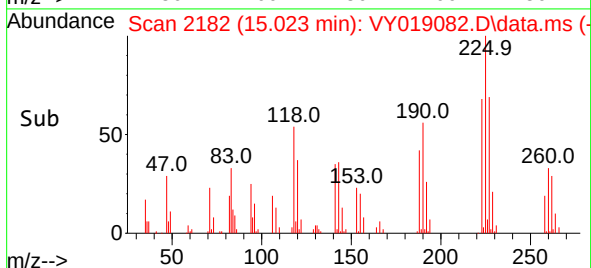
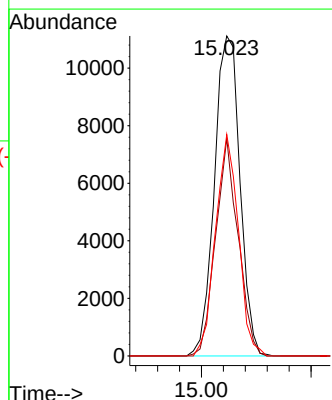
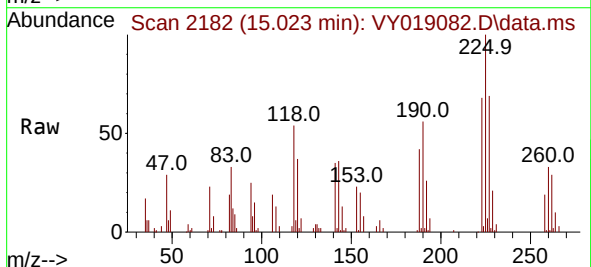
Tgt Ion:225 Resp: 18008

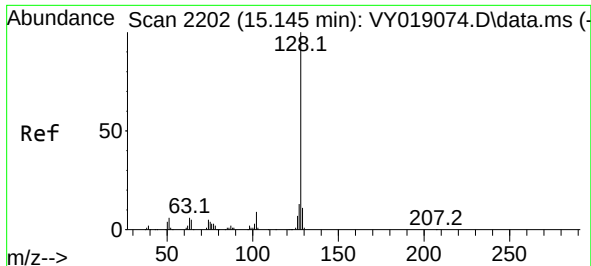
Ion Ratio Lower Upper

225 100

223 60.0 30.4 91.2

227 62.0 31.9 95.9

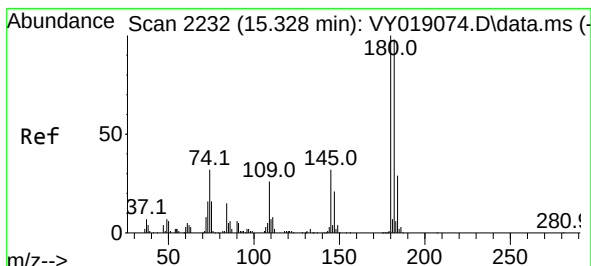
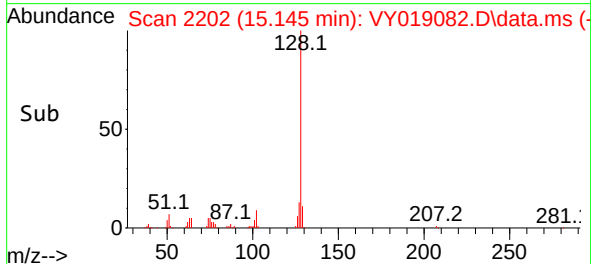
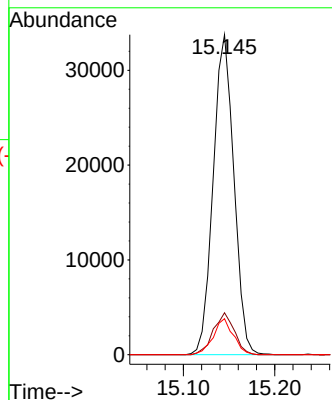
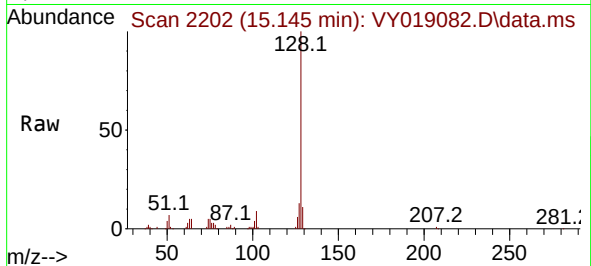




#95
Naphthalene
Concen: 17.834 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 53096
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.976 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY019082.D
Acq: 16 Aug 2024 10:02

Tgt Ion:180 Resp: 26698
Ion Ratio Lower Upper
180 100
182 92.7 47.6 142.9
145 31.7 15.4 46.1

