

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019234.D
 Acq On : 22 Aug 2024 20:47
 Operator : SY/MD
 Sample : P3643-02MS
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:58:16 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	7.701	168	73191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	106420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	45803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	13020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	41825	57.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.020%	
35) Dibromofluoromethane	7.622	113	41829	60.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.220%	
50) Toluene-d8	10.103	98	117350	46.864	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.720%	
62) 4-Bromofluorobenzene	12.401	95	15054	17.635	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 35.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	28955	53.921	ug/l	97
3) Chloromethane	2.068	50	51364	53.067	ug/l	95
4) Vinyl Chloride	2.202	62	63466	53.084	ug/l	99
5) Bromomethane	2.592	94	42756	59.719	ug/l	98
6) Chloroethane	2.732	64	41831	55.683	ug/l	95
7) Trichlorofluoromethane	3.050	101	85549	47.328	ug/l	93
8) Diethyl Ether	3.446	74	19609	50.259	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.805	101	38451	47.849	ug/l	99
10) Methyl Iodide	4.001	142	35528	45.106	ug/l	96
11) Tert butyl alcohol	4.842	59	12348	187.080	ug/l #	81
12) 1,1-Dichloroethene	3.781	96	36250	49.652	ug/l	95
13) Acrolein	3.641	56	1445	7.075	ug/l	87
14) Allyl chloride	4.372	41	46869	48.285	ug/l	95
15) Acrylonitrile	5.049	53	40934	256.408	ug/l	99
16) Acetone	3.854	43	48737	358.193	ug/l	88
17) Carbon Disulfide	4.092	76	88564	43.008	ug/l	98
18) Methyl Acetate	4.372	43	69514	166.463	ug/l	93
19) Methyl tert-butyl Ether	5.104	73	103842	58.667	ug/l	97
20) Methylene Chloride	4.610	84	47389	57.644	ug/l	91
21) trans-1,2-Dichloroethene	5.104	96	39604	48.555	ug/l	97
22) Diisopropyl ether	6.012	45	131522	59.188	ug/l #	96
23) Vinyl Acetate	5.945	43	75238	42.766	ug/l	95
24) 1,1-Dichloroethane	5.909	63	78039	57.427	ug/l	99
25) 2-Butanone	6.884	43	54707	249.660	ug/l	90
26) 2,2-Dichloropropane	6.872	77	57941	52.653	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	48085	50.094	ug/l	97
28) Bromochloromethane	7.232	49	30755	53.952	ug/l	98
29) Tetrahydrofuran	7.256	42	36086	256.183	ug/l	92
30) Chloroform	7.408	83	84219	55.618	ug/l	98
31) Cyclohexane	7.695	56	50127	47.554	ug/l	94
32) 1,1,1-Trichloroethane	7.604	97	75324	56.603	ug/l	96
36) 1,1-Dichloropropene	7.829	75	48452	50.708	ug/l	99
37) Ethyl Acetate	6.976	43	17795	42.035	ug/l	96
38) Carbon Tetrachloride	7.811	117	63881	57.689	ug/l	98
39) Methylcyclohexane	9.103	83	38311	31.244	ug/l	97
40) Benzene	8.073	78	168010	57.332	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	34135	147.732	ug/l #	27
42) 1,2-Dichloroethane	8.152	62	45608	57.633	ug/l	99
43) Isopropyl Acetate	8.189	43	38930	45.471	ug/l #	82
44) Trichloroethene	8.859	130	37225	45.524	ug/l	97
45) 1,2-Dichloropropane	9.134	63	33409	51.169	ug/l	99
46) Dibromomethane	9.225	93	19294	45.560	ug/l	96
47) Bromodichloromethane	9.420	83	50229	48.345	ug/l	96
48) Methyl methacrylate	9.219	41	19833	51.979	ug/l	90
49) 1,4-Dioxane	9.213	88	5366	1046.022	ug/l #	99
51) 4-Methyl-2-Pentanone	9.993	43	124861	274.776	ug/l	93
52) Toluene	10.164	92	88591	46.054	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	36099	41.885	ug/l	99
54) cis-1,3-Dichloropropene	9.847	75	45204	43.612	ug/l	91
55) 1,1,2-Trichloroethane	10.566	97	25552	46.870	ug/l	94
56) Ethyl methacrylate	10.438	69	28451	39.871	ug/l #	85
57) 1,3-Dichloropropane	10.713	76	45278	50.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	65444	193.326	ug/l	97
59) 2-Hexanone	10.762	43	62719	200.901	ug/l	91
60) Dibromochloromethane	10.914	129	28958	38.999	ug/l	99
61) 1,2-Dibromoethane	11.012	107	22390	42.492	ug/l	98
64) Tetrachloroethene	10.646	164	27782	69.394	ug/l	94
65) Chlorobenzene	11.444	112	50074	47.478	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	25758	69.449	ug/l	98
67) Ethyl Benzene	11.518	91	94566	51.660	ug/l	100
68) m/p-Xylenes	11.627	106	68330	94.074	ug/l	100
69) o-Xylene	11.956	106	34384	51.119	ug/l	99
70) Styrene	11.969	104	38325	33.413	ug/l	96
71) Bromoform	12.133	173	13159	62.065	ug/l #	92
73) Isopropylbenzene	12.255	105	81638	81.808	ug/l	100
74) N-amyl acetate	12.072	43	11520	52.940	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	19497	109.744	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	22725	176.985	ug/l #	100
77) Bromobenzene	12.530	156	15334	63.983	ug/l	97
78) n-propylbenzene	12.597	91	74092	62.108	ug/l	100
79) 2-Chlorotoluene	12.682	91	38061	56.908	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	47891	58.909	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	4376	84.168	ug/l #	76
82) 4-Chlorotoluene	12.779	91	35268	50.685	ug/l	99
83) tert-Butylbenzene	12.999	119	58502	77.925	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	49347	60.904	ug/l	100
85) sec-Butylbenzene	13.176	105	68253	62.386	ug/l	99
86) p-Isopropyltoluene	13.292	119	48862	54.373	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	19869	42.039	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	18876	40.177	ug/l	96
89) n-Butylbenzene	13.621	91	31675	38.661	ug/l	99
90) Hexachloroethane	13.883	117	11622	65.615	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	17460	42.003	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2635	100.821	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	3432	14.640	ug/l	98
94) Hexachlorobutadiene	15.029	225	3452	28.271	ug/l	95
95) Naphthalene	15.145	128	6597	15.768	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	2507	12.680	ug/l	95

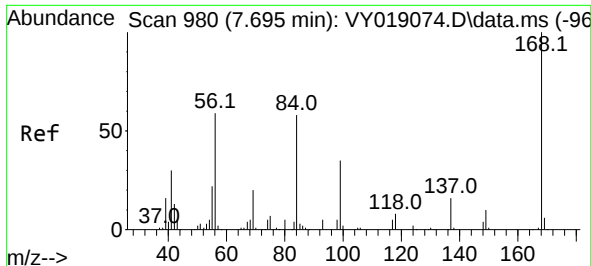
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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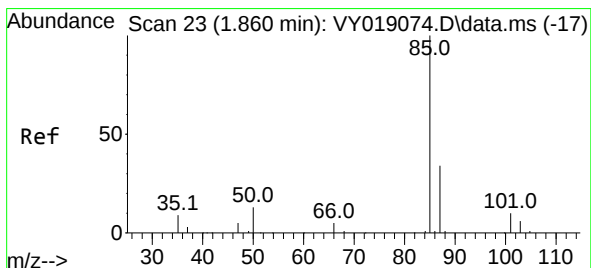
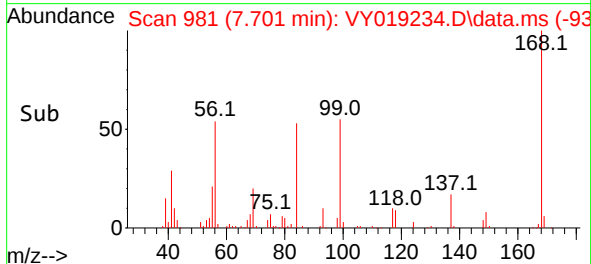
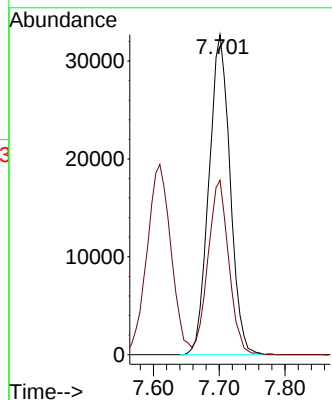
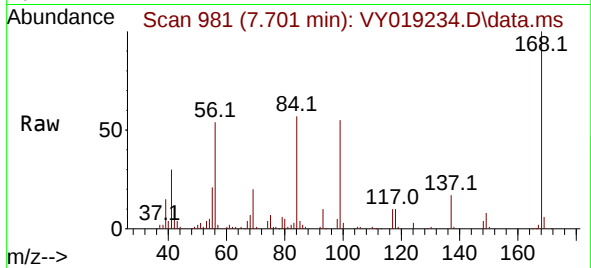
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019234.D
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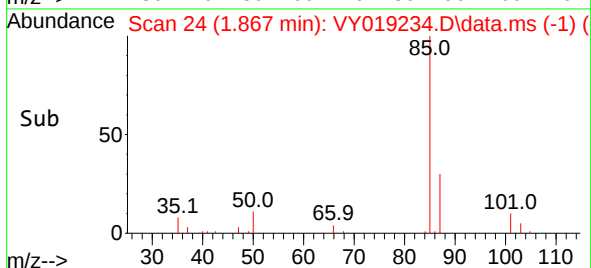
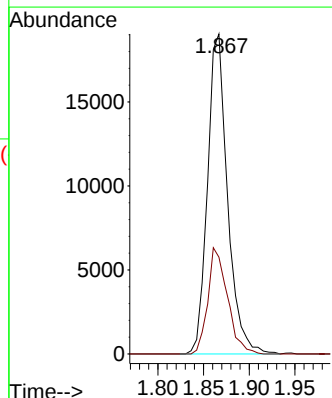
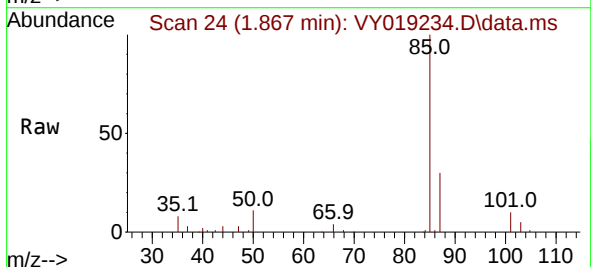
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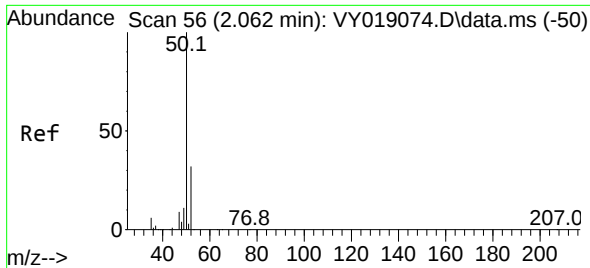
Tgt Ion:168 Resp: 73191
Ion Ratio Lower Upper
168 100
99 54.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 53.921 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

Tgt Ion: 85 Resp: 28955
Ion Ratio Lower Upper
85 100
87 30.2 16.0 48.0

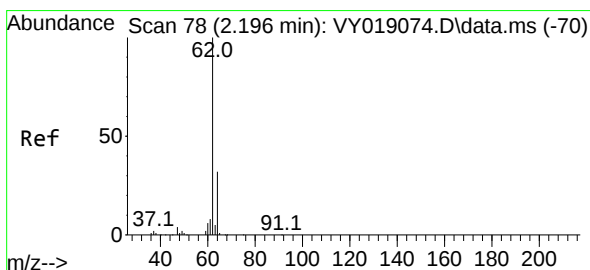
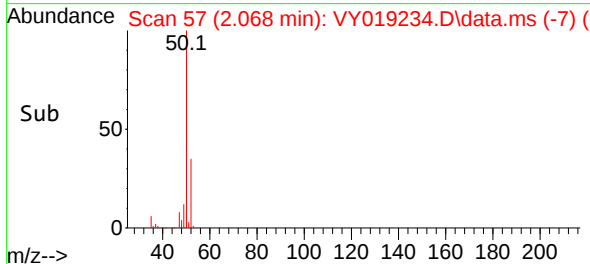
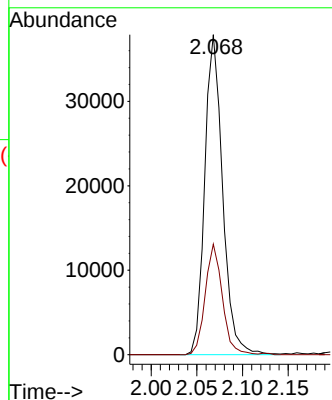
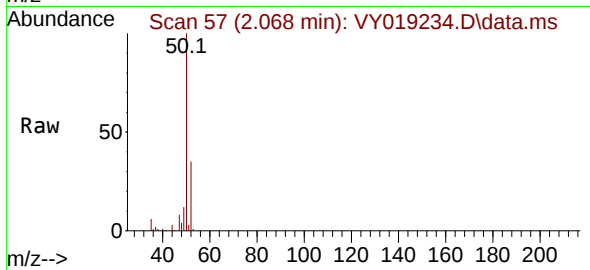




#3
Chloromethane
Concen: 53.067 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

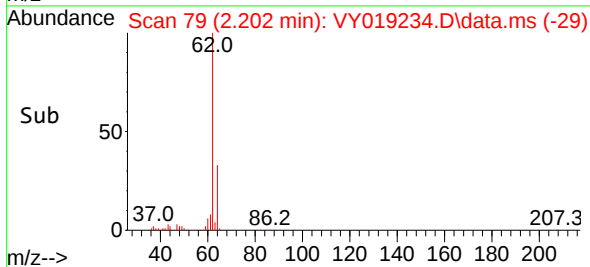
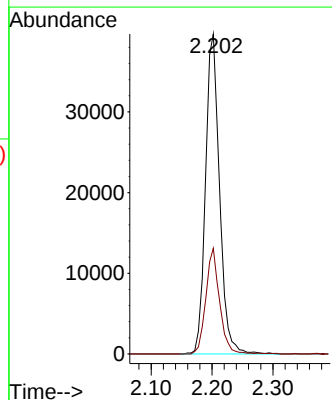
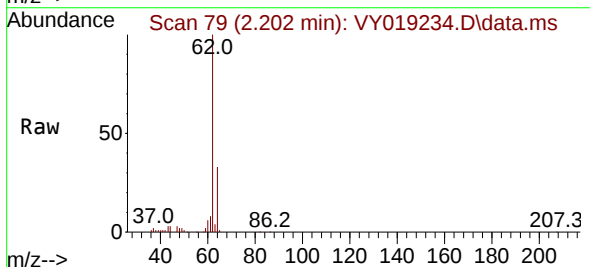
Instrument :
MSVOA_Y
ClientSampleId :

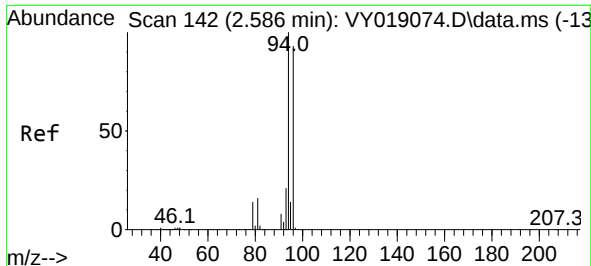
Tgt Ion: 50 Resp: 51364
Ion Ratio Lower Upper
50 100
52 34.6 25.6 38.4



#4
Vinyl Chloride
Concen: 53.084 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

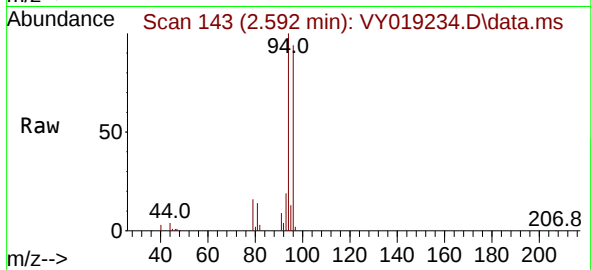
Tgt Ion: 62 Resp: 63466
Ion Ratio Lower Upper
62 100
64 33.1 26.1 39.1



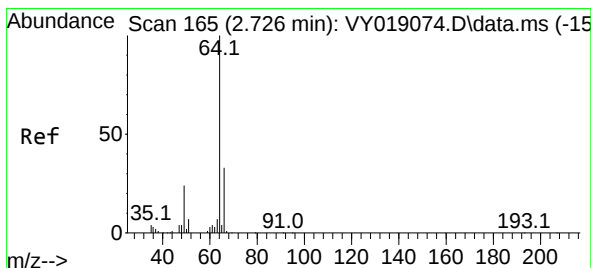
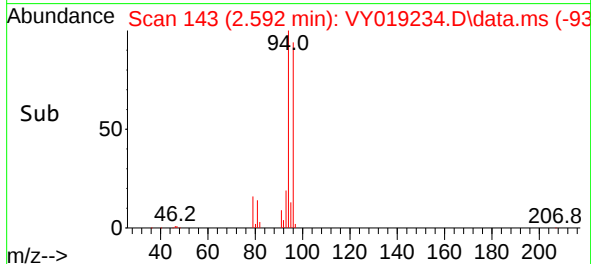
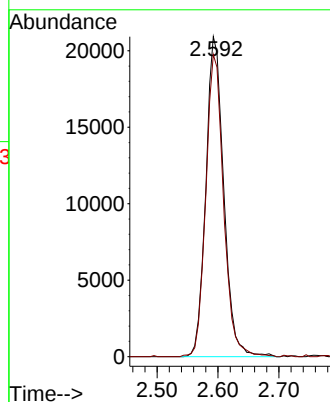


#5
Bromomethane
Concen: 59.719 ug/l
RT: 2.592 min Scan# 142
Delta R.T. 0.006 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

Instrument :
MSVOA_Y
ClientSampleId :

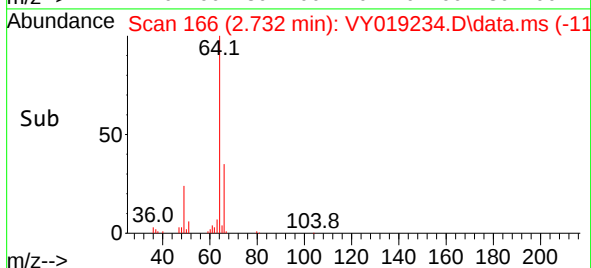
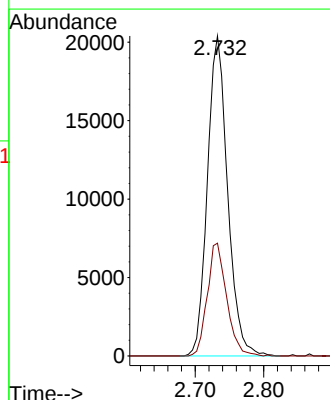
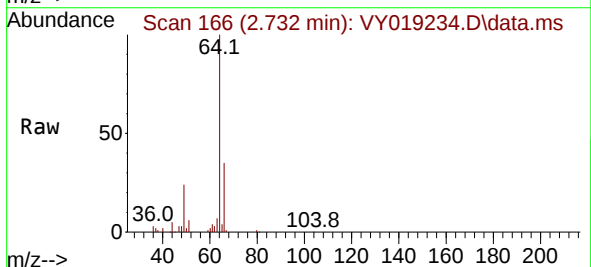


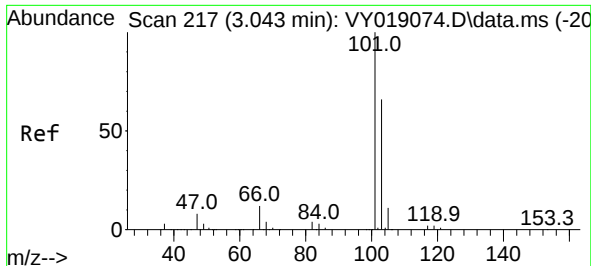
Tgt Ion: 94 Resp: 42756
Ion Ratio Lower Upper
94 100
96 94.4 74.1 111.1



#6
Chloroethane
Concen: 55.683 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

Tgt Ion: 64 Resp: 41831
Ion Ratio Lower Upper
64 100
66 35.3 26.1 39.1

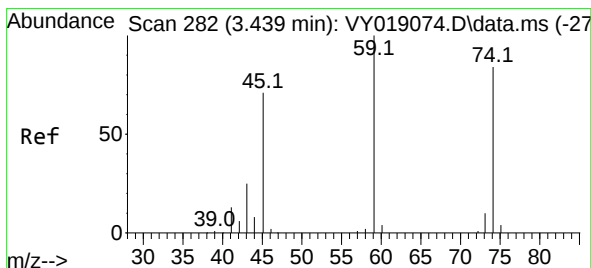
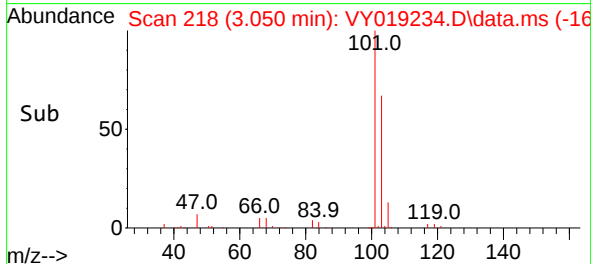
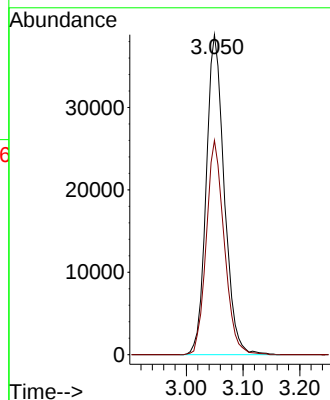
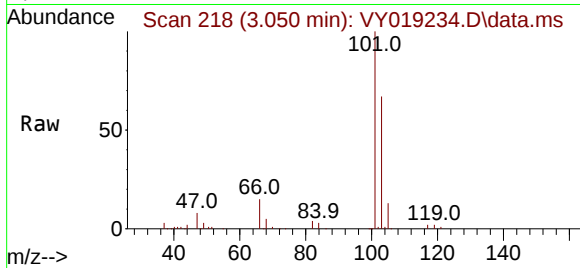




#7
 Trichlorofluoromethane
 Concen: 47.328 ug/l
 RT: 3.050 min Scan# 217
 Delta R.T. 0.006 min
 Lab File: VY019234.D
 Acq: 22 Aug 2024 20:47

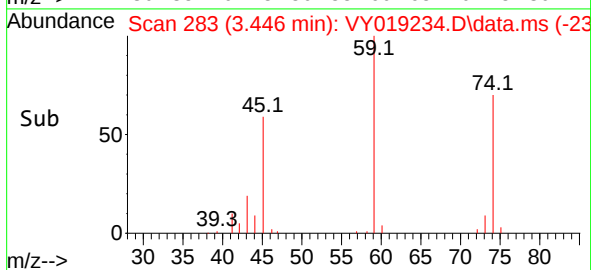
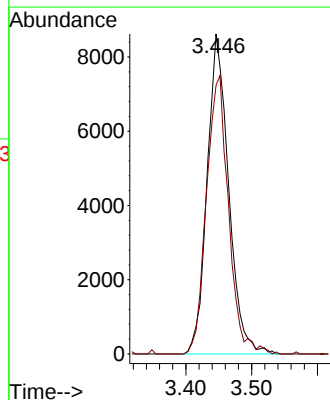
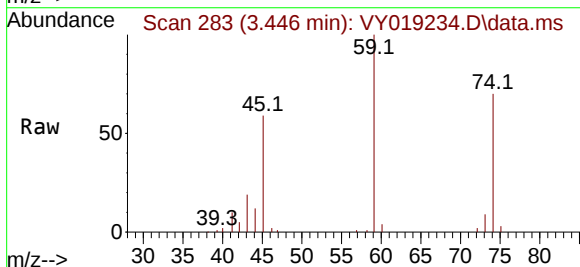
Instrument :
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 ClientSampleId :

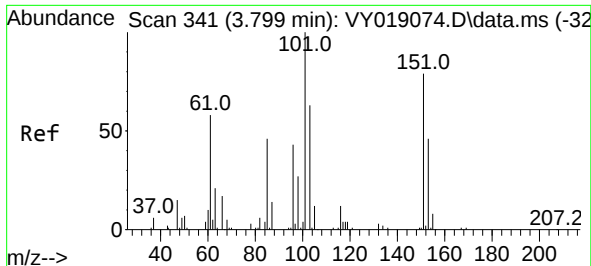
Tgt Ion:101 Resp: 85549
 Ion Ratio Lower Upper
 101 100
 103 67.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 50.259 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019234.D
 Acq: 22 Aug 2024 20:47

Tgt Ion: 74 Resp: 19609
 Ion Ratio Lower Upper
 74 100
 45 89.6 41.3 124.1

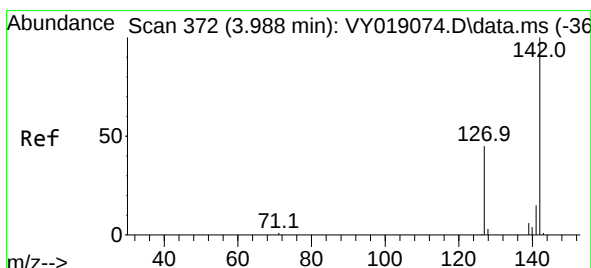
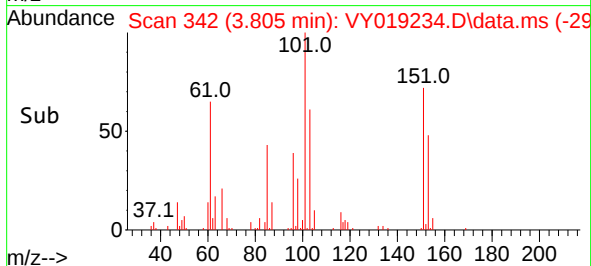
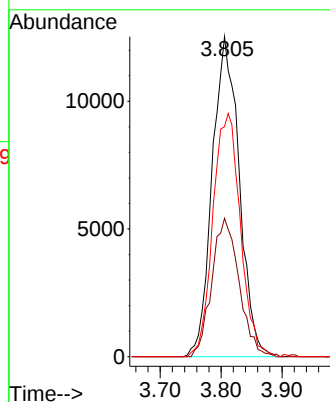
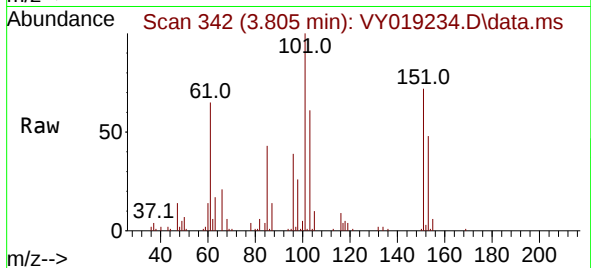




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.849 ug/l
RT: 3.805 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY019234.D
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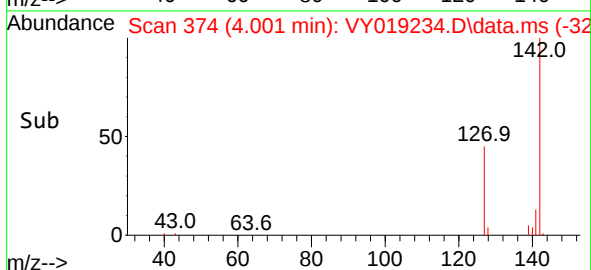
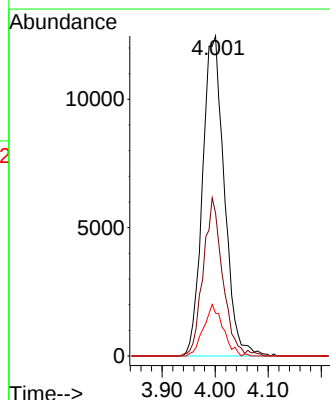
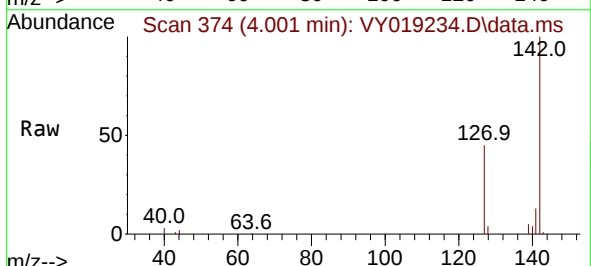
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MSVOA_Y
ClientSampleId :

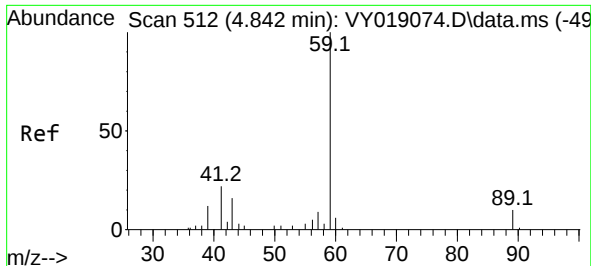
Tgt Ion:101 Resp: 38451
Ion Ratio Lower Upper
101 100
85 43.8 34.5 51.7
151 77.3 61.7 92.5



#10
Methyl Iodide
Concen: 45.106 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

Tgt Ion:142 Resp: 35528
Ion Ratio Lower Upper
142 100
127 44.5 32.8 49.2
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 187.080 ug/l

RT: 4.842 min Scan# 512

Delta R.T. -0.000 min

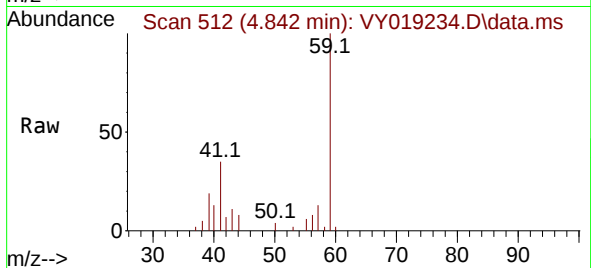
Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :

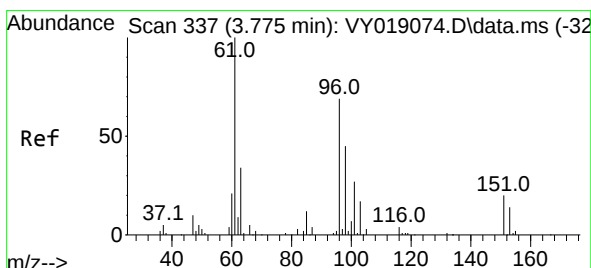
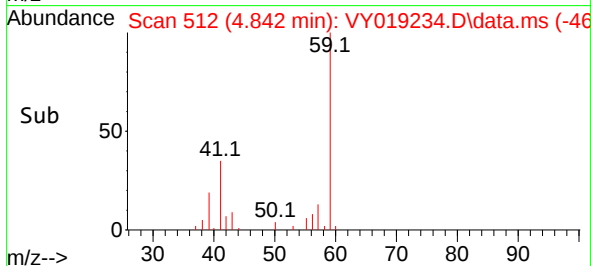
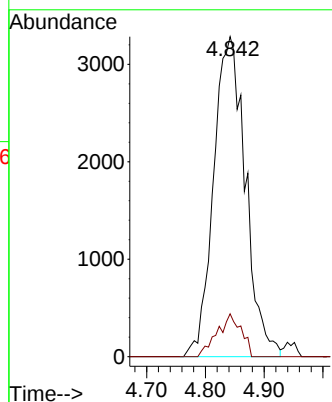


Tgt Ion: 59 Resp: 12348

Ion Ratio Lower Upper

59 100

57 10.1 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 49.652 ug/l

RT: 3.781 min Scan# 338

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

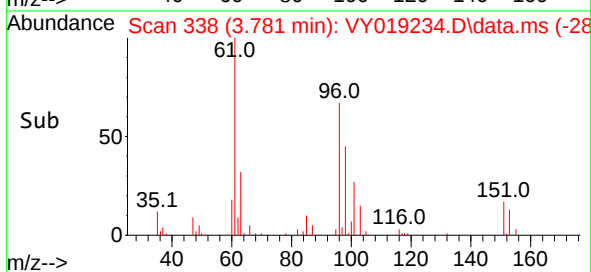
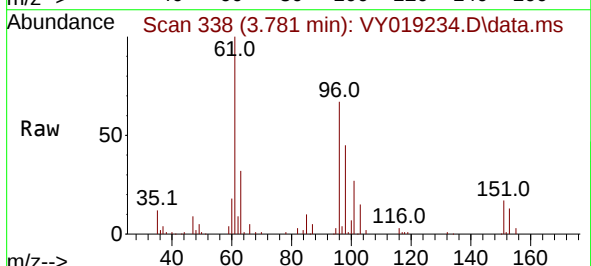
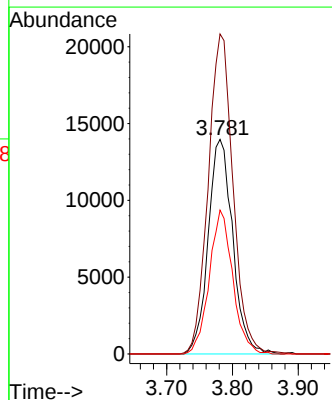
Tgt Ion: 96 Resp: 36250

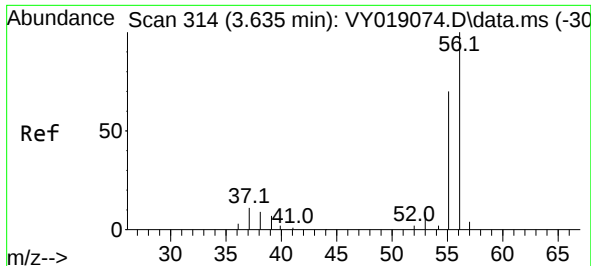
Ion Ratio Lower Upper

96 100

61 149.2 114.6 171.8

98 67.0 50.8 76.2





#13

Acrolein

Concen: 7.075 ug/l

RT: 3.641 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

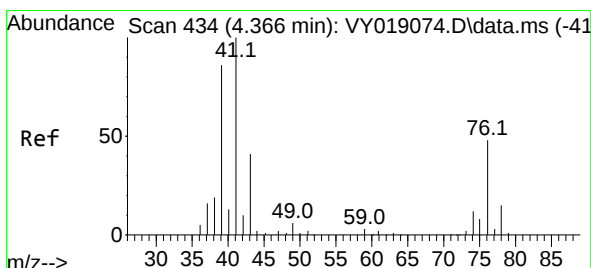
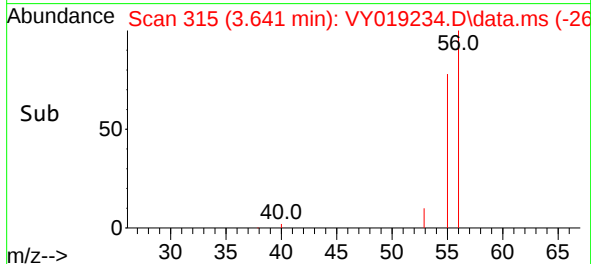
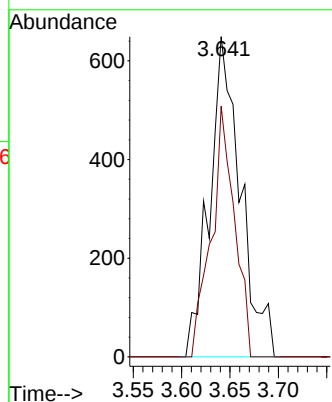
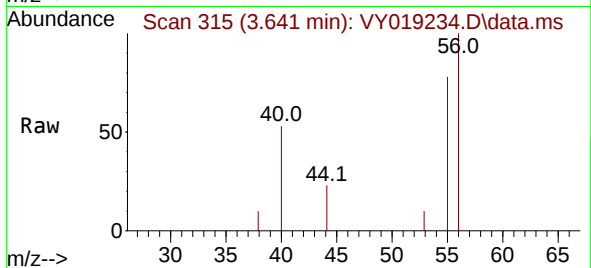
ClientSampleId :

Tgt Ion: 56 Resp: 1445

Ion Ratio Lower Upper

56 100

55 58.7 55.7 83.5



#14

Allyl chloride

Concen: 48.285 ug/l

RT: 4.372 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

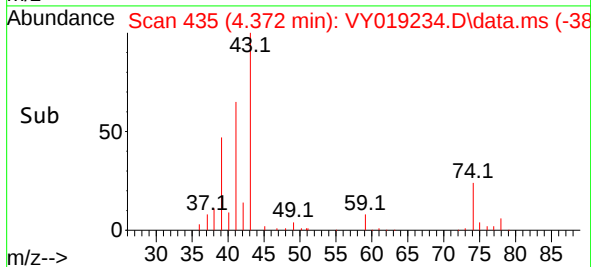
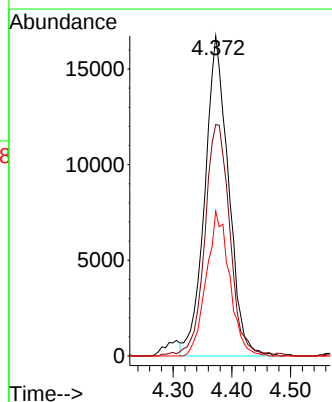
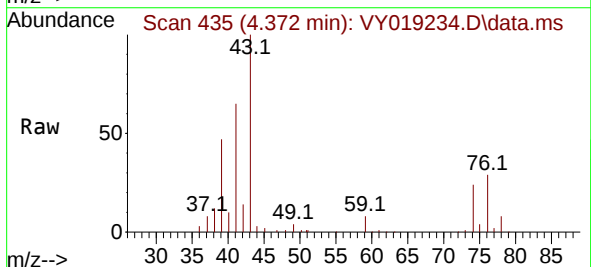
Tgt Ion: 41 Resp: 46869

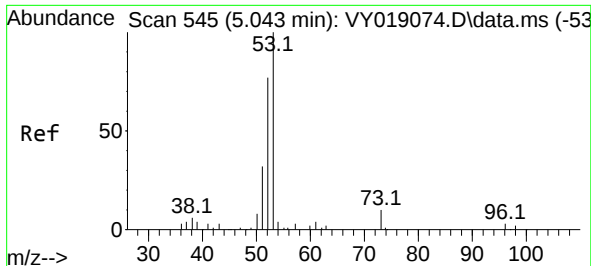
Ion Ratio Lower Upper

41 100

39 76.4 58.3 87.5

76 44.3 39.0 58.6





#15

Acrylonitrile

Concen: 256.408 ug/l

RT: 5.049 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY019234.D

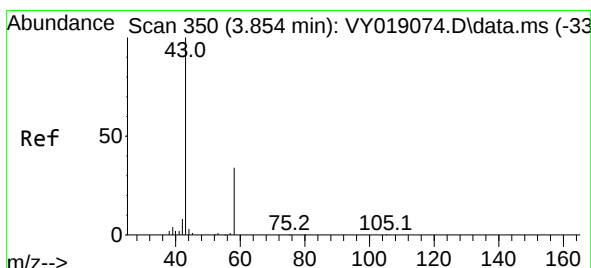
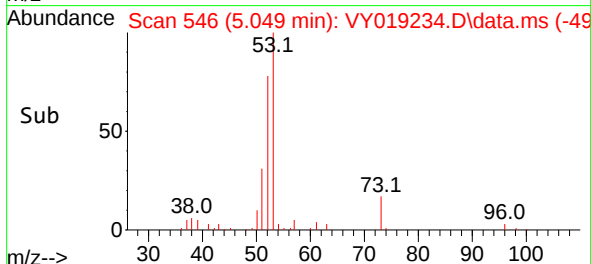
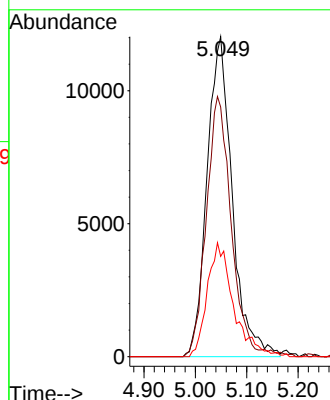
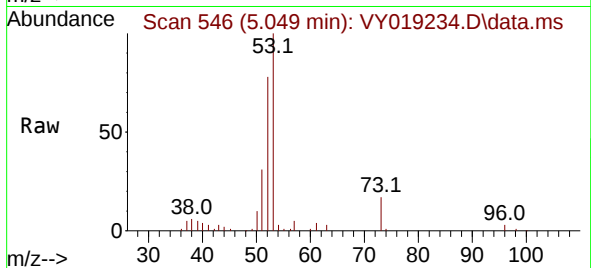
Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	53	Resp:	40934
Ion	Ratio	Lower	Upper
53	100		
52	80.8	64.7	97.1
51	37.2	28.4	42.6



#16

Acetone

Concen: 358.193 ug/l

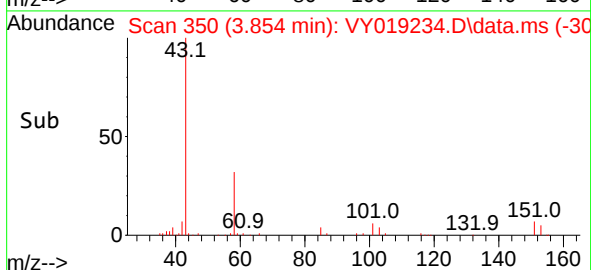
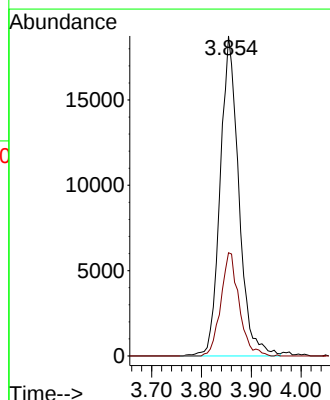
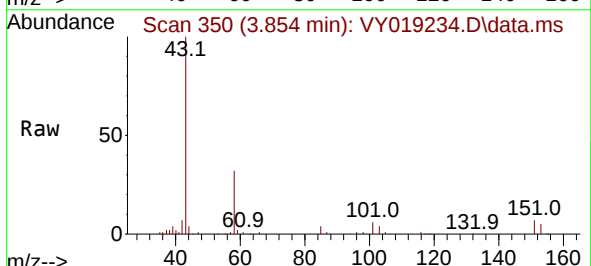
RT: 3.854 min Scan# 350

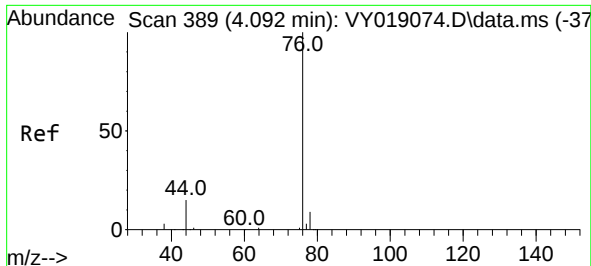
Delta R.T. 0.000 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Tgt Ion:	43	Resp:	48737
Ion	Ratio	Lower	Upper
43	100		
58	32.2	31.7	47.5

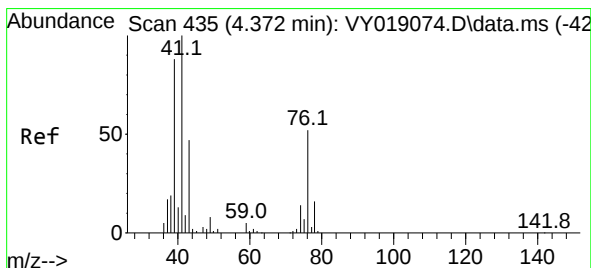
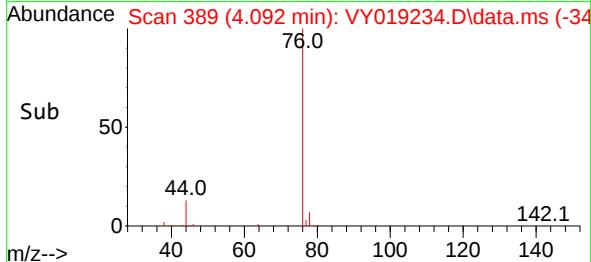
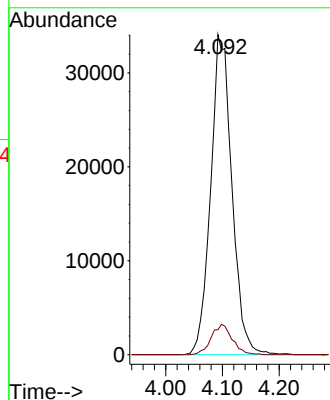
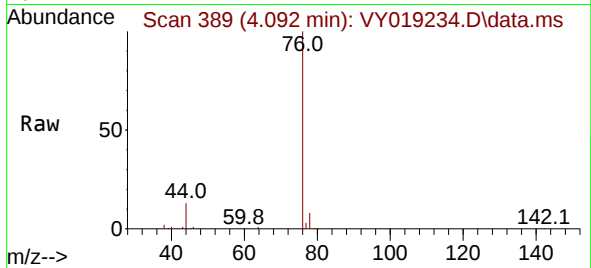




#17
Carbon Disulfide
Concen: 43.008 ug/l
RT: 4.092 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

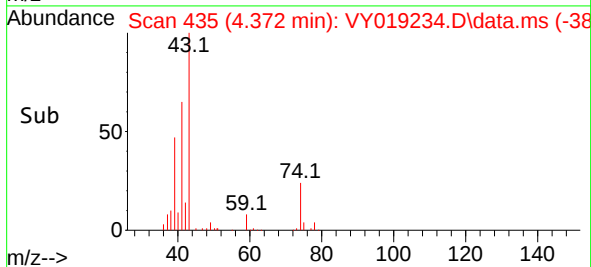
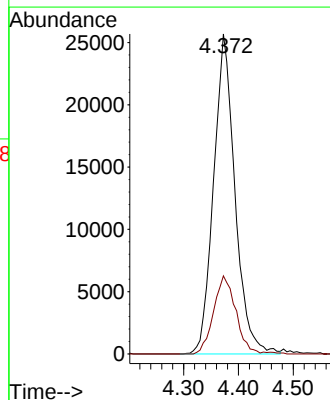
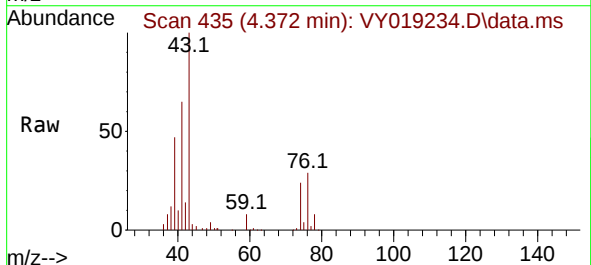
Instrument :
MSVOA_Y
ClientSampleId :

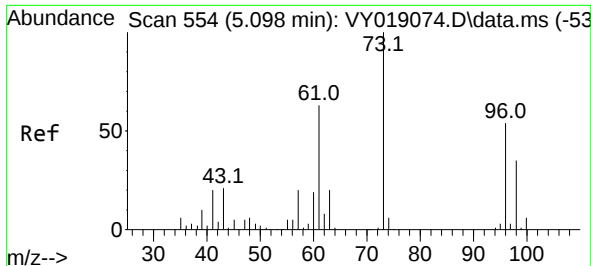
Tgt Ion: 76 Resp: 88564
Ion Ratio Lower Upper
76 100
78 7.8 6.8 10.2



#18
Methyl Acetate
Concen: 166.463 ug/l
RT: 4.372 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

Tgt Ion: 43 Resp: 69514
Ion Ratio Lower Upper
43 100
74 25.3 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 58.667 ug/l

RT: 5.104 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

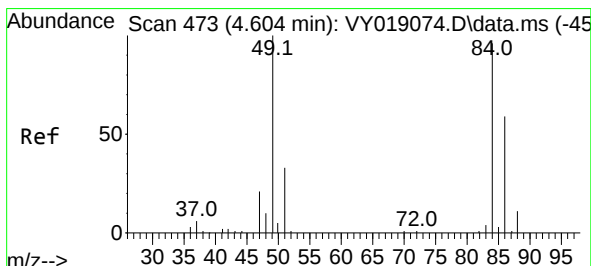
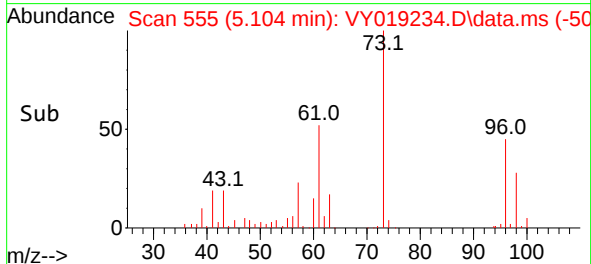
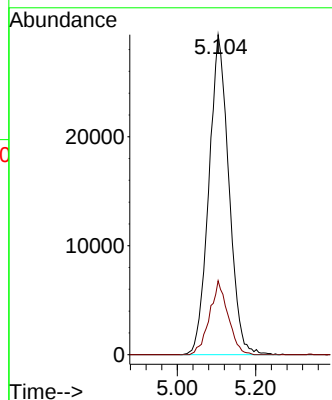
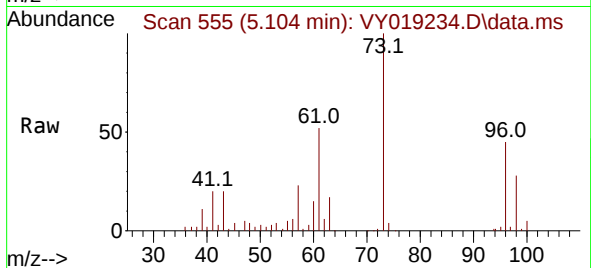
ClientSampleId :

Tgt Ion: 73 Resp: 103842

Ion Ratio Lower Upper

73 100

57 23.1 17.3 25.9



#20

Methylene Chloride

Concen: 57.644 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Tgt Ion: 84 Resp: 47389

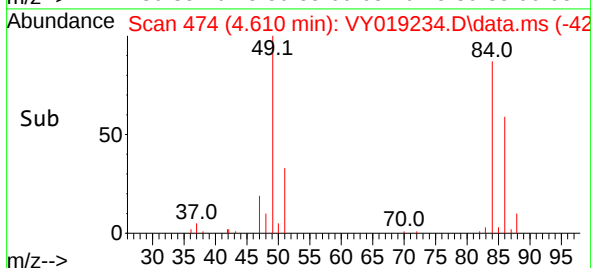
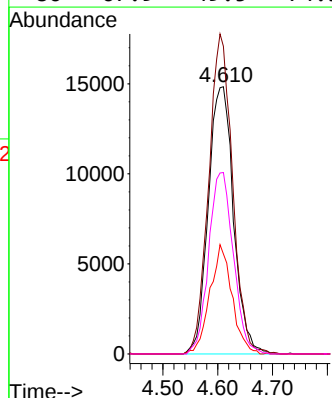
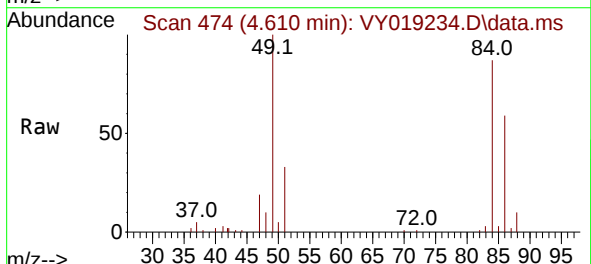
Ion Ratio Lower Upper

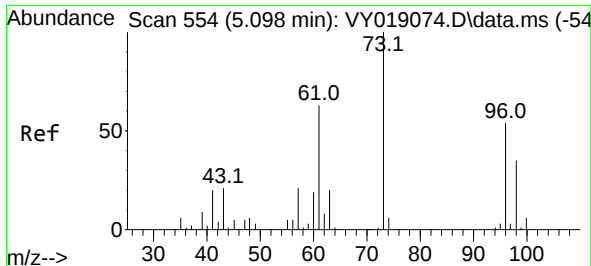
84 100

49 115.2 84.4 126.6

51 37.4 26.0 39.0

86 67.9 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 48.555 ug/l

RT: 5.104 min Scan# 51

Delta R.T. 0.006 min

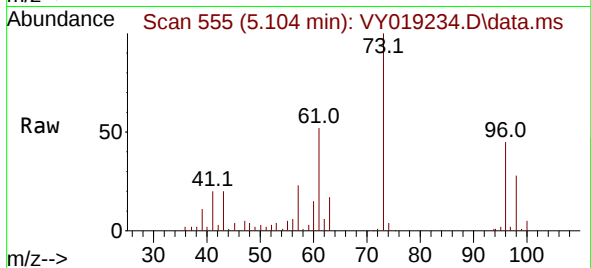
Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :



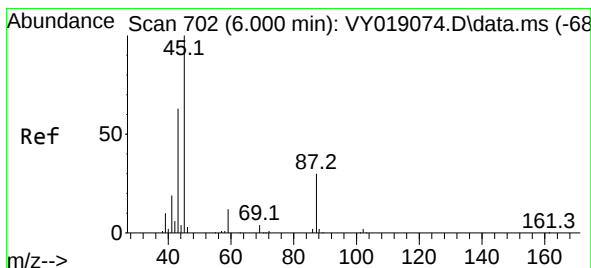
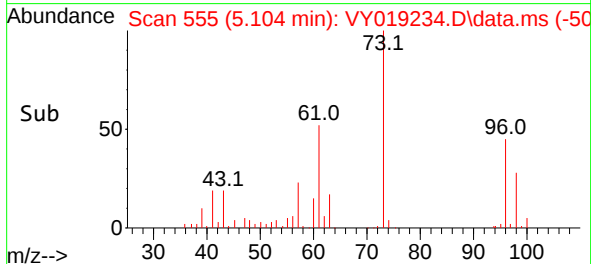
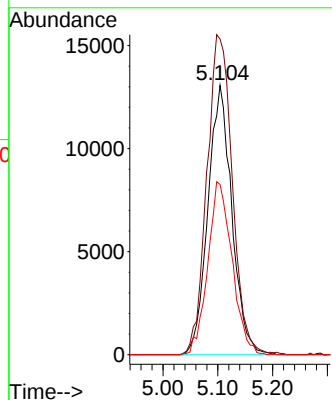
Tgt Ion: 96 Resp: 39604

Ion Ratio Lower Upper

96 100

61 117.2 97.5 146.3

98 63.2 50.5 75.7



#22

Diisopropyl ether

Concen: 59.188 ug/l

RT: 6.012 min Scan# 704

Delta R.T. 0.012 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Tgt Ion: 45 Resp: 131522

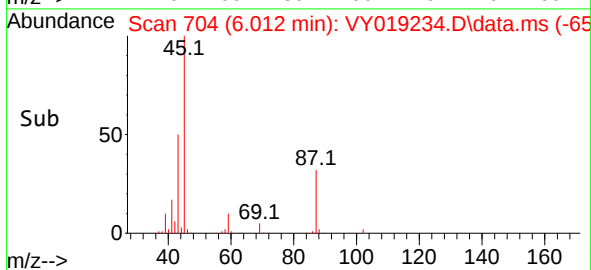
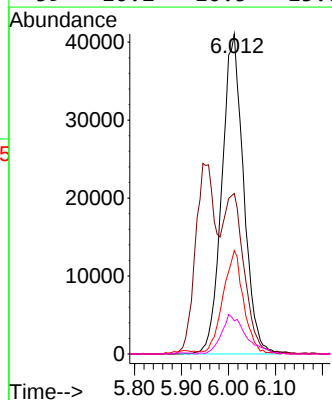
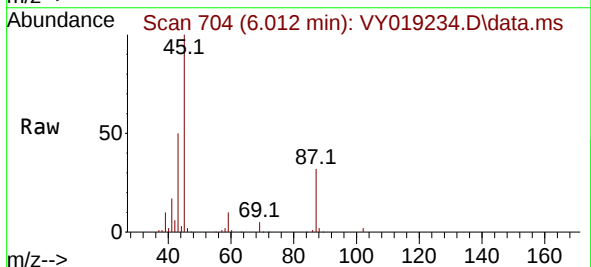
Ion Ratio Lower Upper

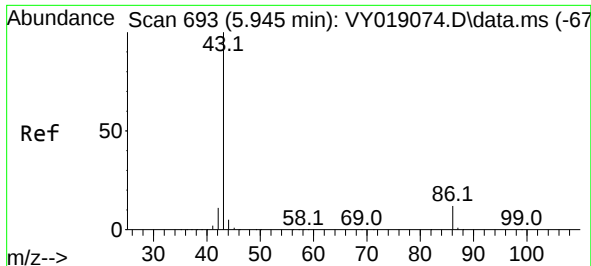
45 100

43 49.5 42.2 63.2

87 32.3 25.0 37.6

59 10.2 10.5 15.7#

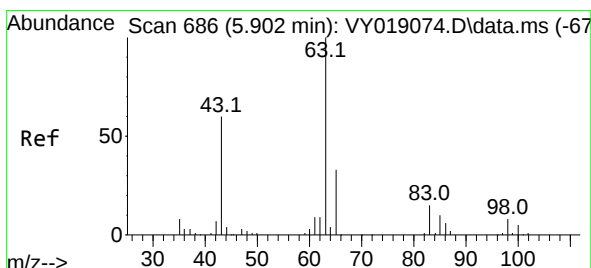
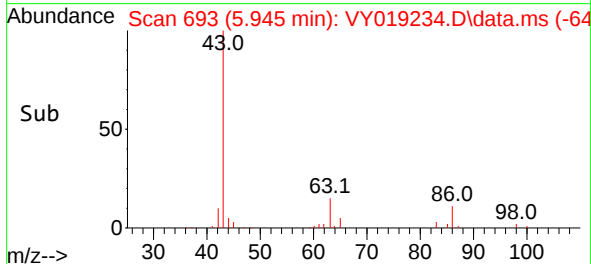
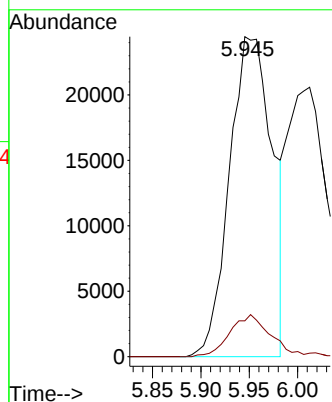
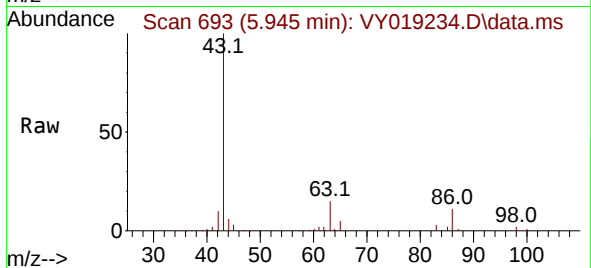




#23
 Vinyl Acetate
 Concen: 42.766 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY019234.D
 Acq: 22 Aug 2024 20:47

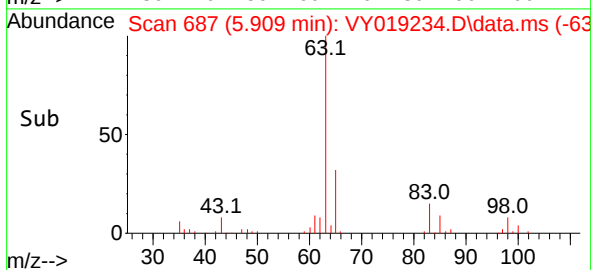
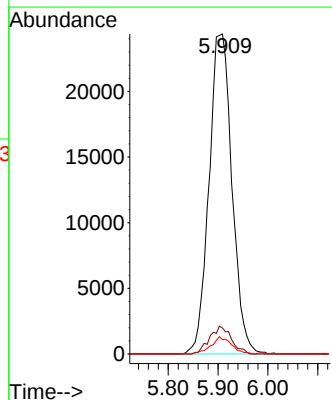
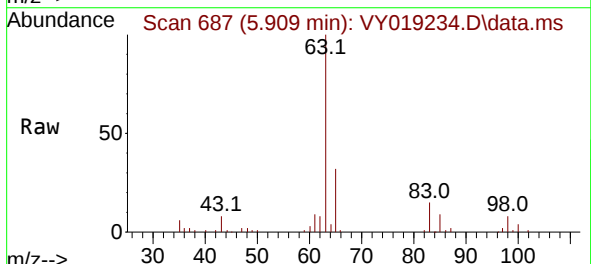
Instrument :
 MSVOA_Y
 ClientSampleId :

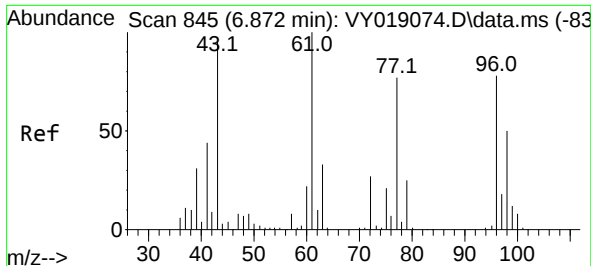
Tgt Ion: 43 Resp: 75238
 Ion Ratio Lower Upper
 43 100
 86 11.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 57.427 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY019234.D
 Acq: 22 Aug 2024 20:47

Tgt Ion: 63 Resp: 78039
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 249.660 ug/l

RT: 6.884 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

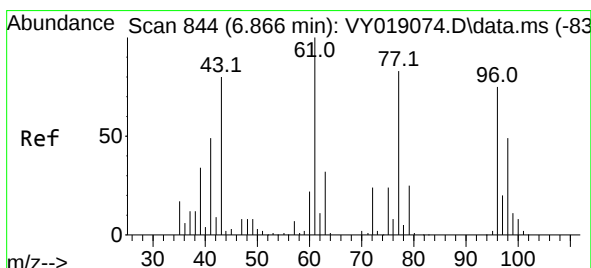
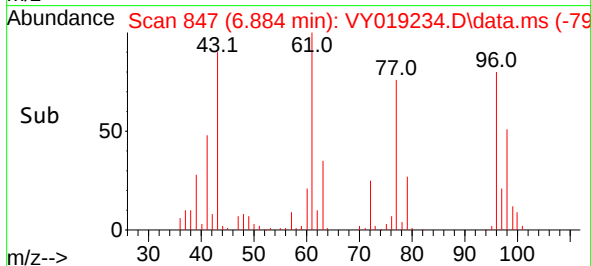
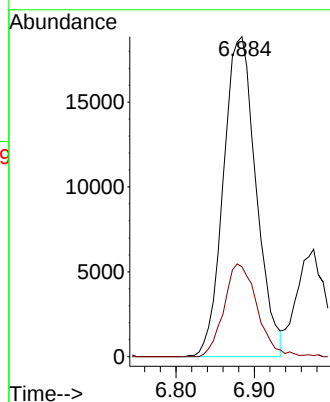
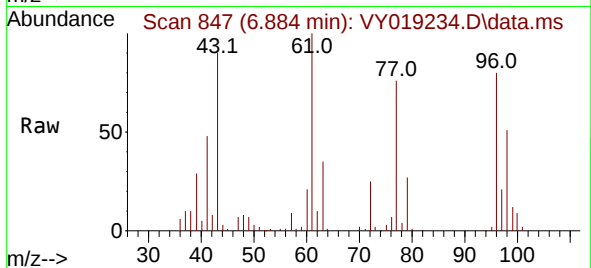
ClientSampleId :

Tgt Ion: 43 Resp: 54707

Ion Ratio Lower Upper

43 100

72 28.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 52.653 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019234.D

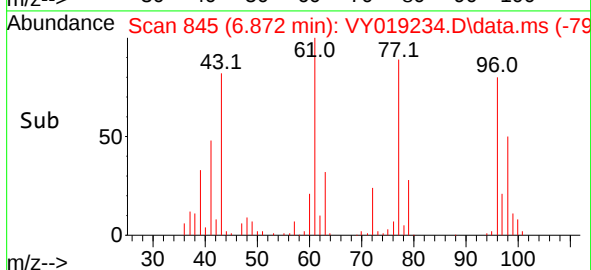
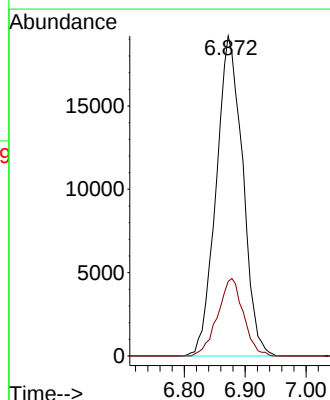
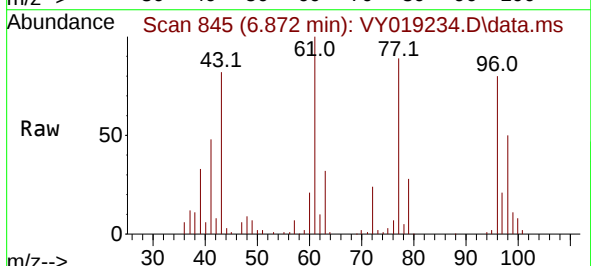
Acq: 22 Aug 2024 20:47

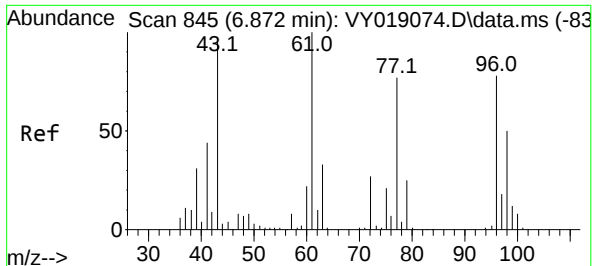
Tgt Ion: 77 Resp: 57941

Ion Ratio Lower Upper

77 100

97 23.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 50.094 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :

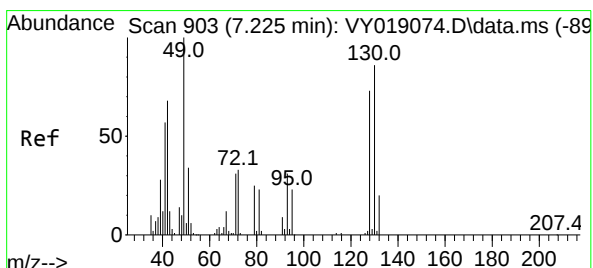
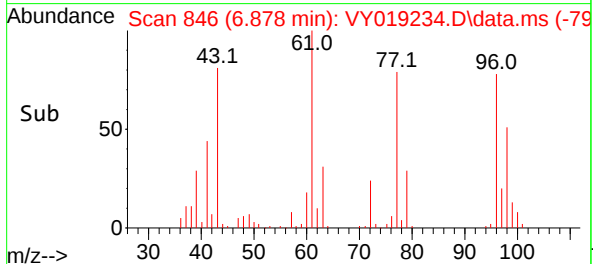
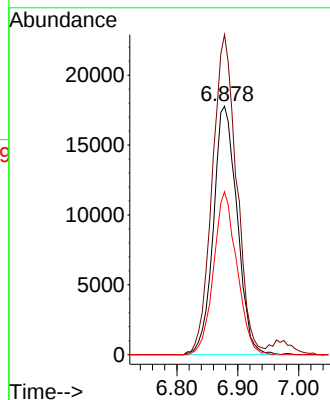
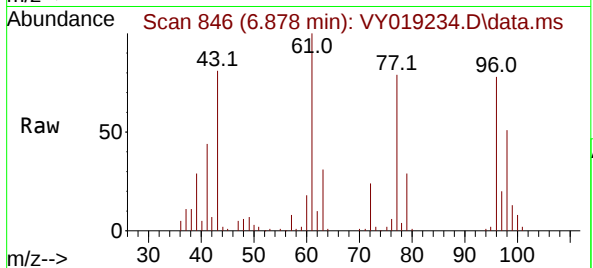
Tgt Ion: 96 Resp: 48085

Ion Ratio Lower Upper

96 100

61 132.3 0.0 256.2

98 64.4 0.0 130.0



#28

Bromochloromethane

Concen: 53.952 ug/l

RT: 7.232 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

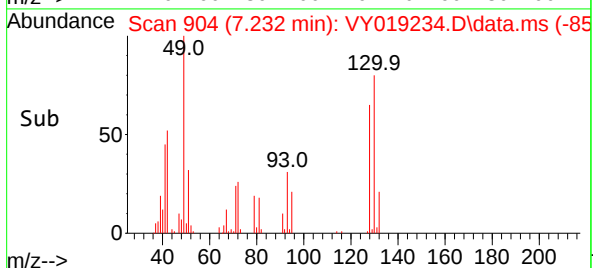
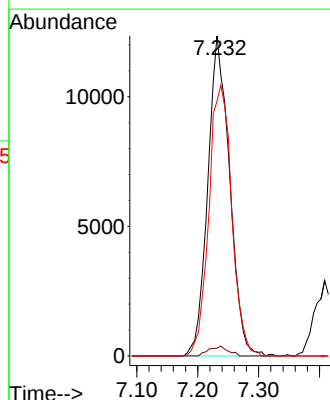
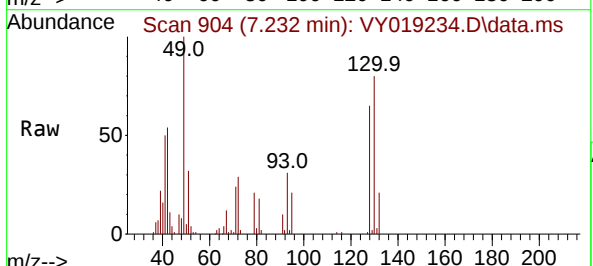
Tgt Ion: 49 Resp: 30755

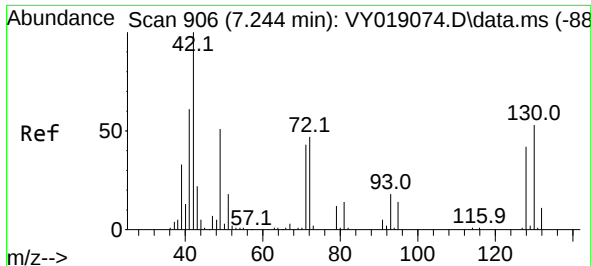
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 88.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 256.183 ug/l

RT: 7.256 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :

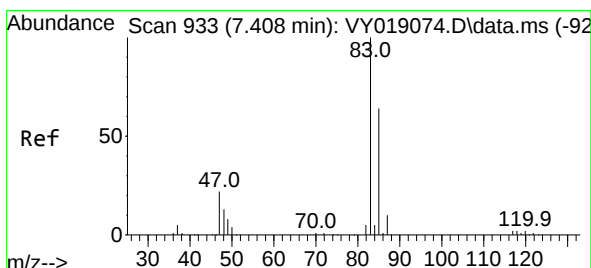
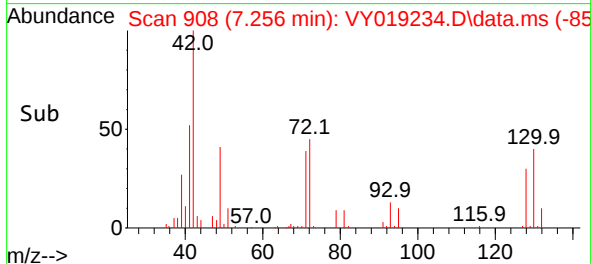
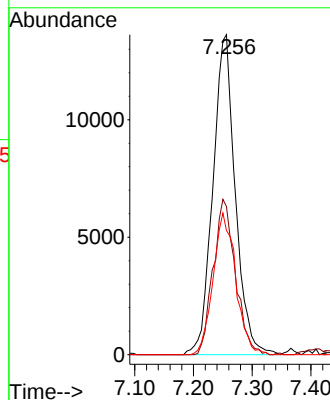
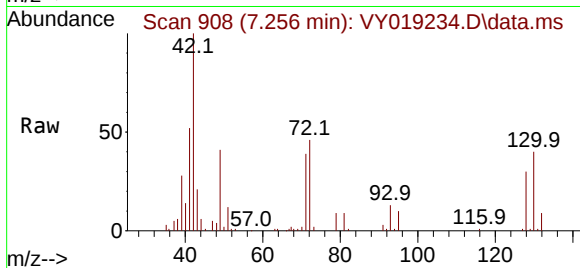
Tgt Ion: 42 Resp: 36086

Ion Ratio Lower Upper

42 100

72 48.0 43.0 64.4

71 44.8 40.8 61.2



#30

Chloroform

Concen: 55.618 ug/l

RT: 7.408 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019234.D

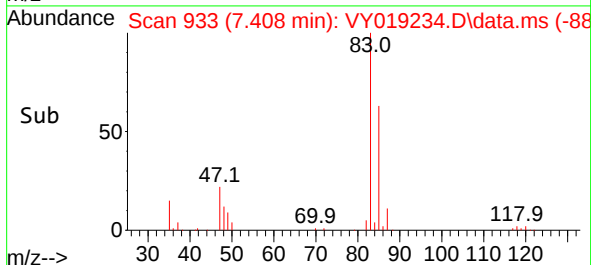
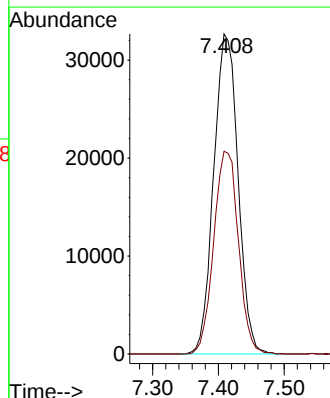
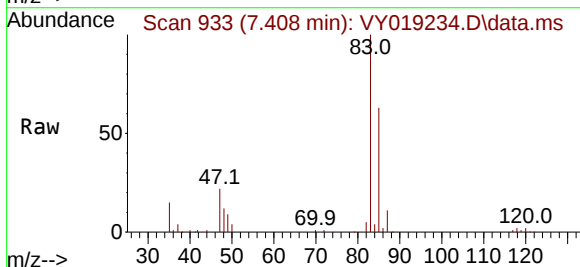
Acq: 22 Aug 2024 20:47

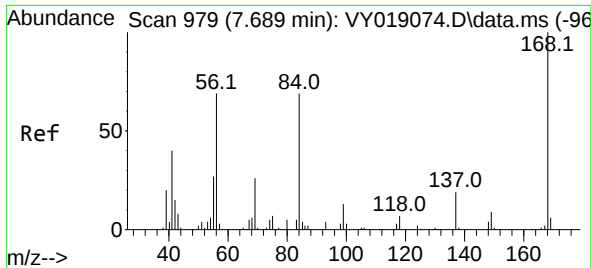
Tgt Ion: 83 Resp: 84219

Ion Ratio Lower Upper

83 100

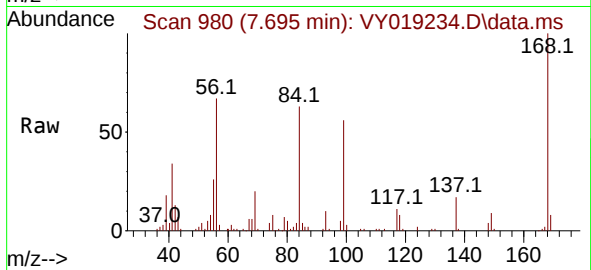
85 63.3 52.2 78.4



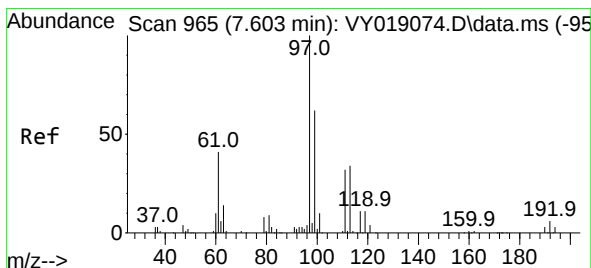
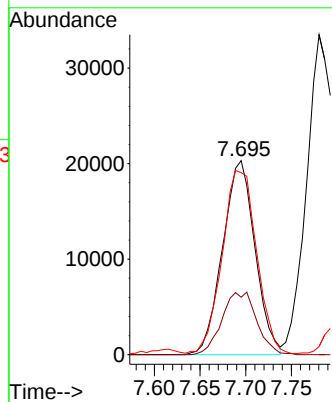
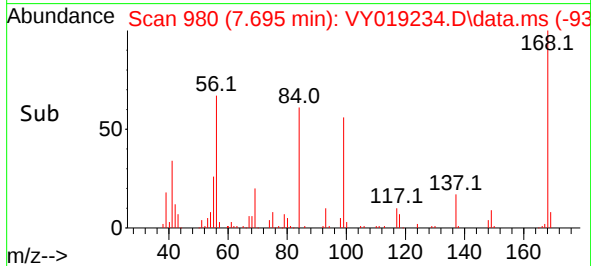


#31
Cyclohexane
Concen: 47.554 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

Instrument :
MSVOA_Y
ClientSampleId :

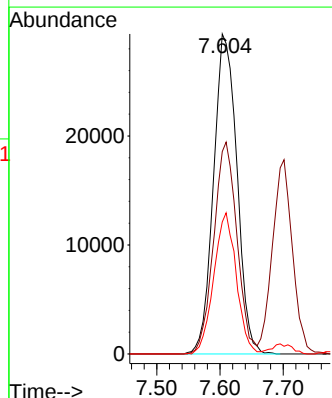
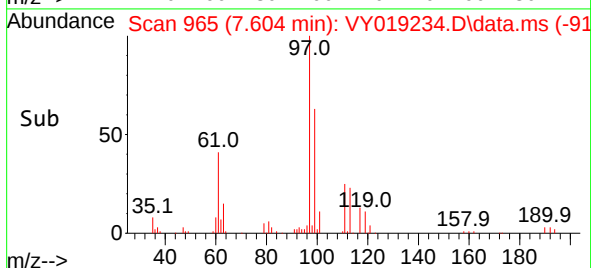
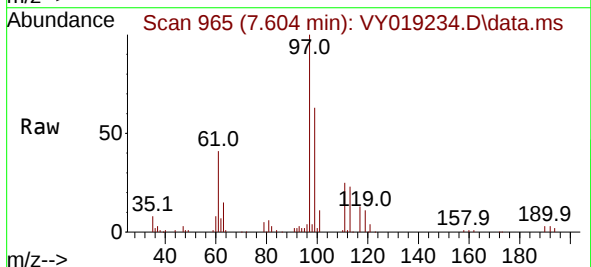


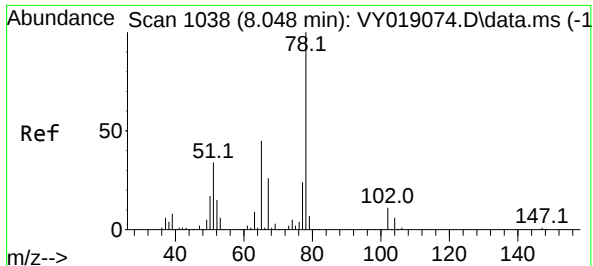
Tgt Ion: 56 Resp: 50127
Ion Ratio Lower Upper
56 100
69 29.6 28.7 43.1
84 92.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 56.603 ug/l
RT: 7.604 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

Tgt Ion: 97 Resp: 75324
Ion Ratio Lower Upper
97 100
99 65.9 50.3 75.5
61 42.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 57.007 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

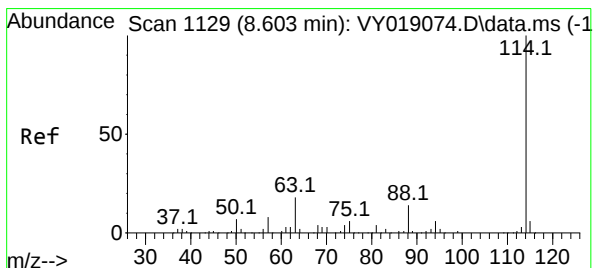
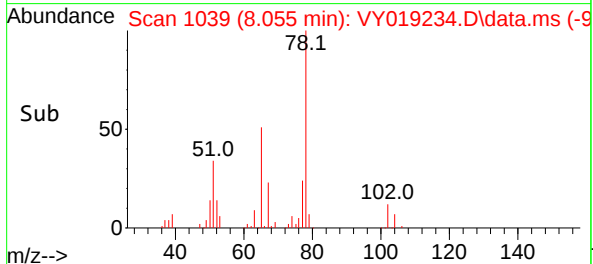
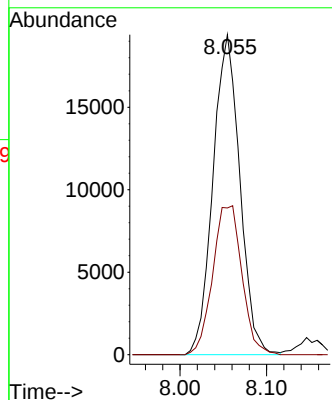
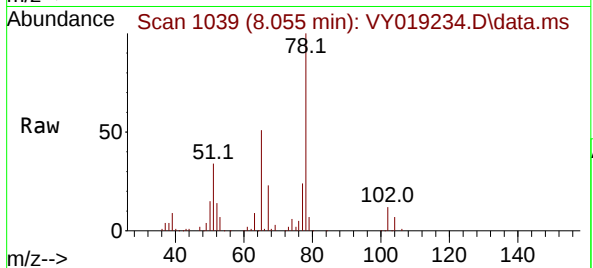
ClientSampleId :

Tgt Ion: 65 Resp: 41825

Ion Ratio Lower Upper

65 100

67 50.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

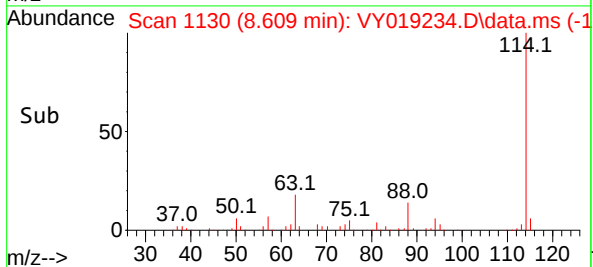
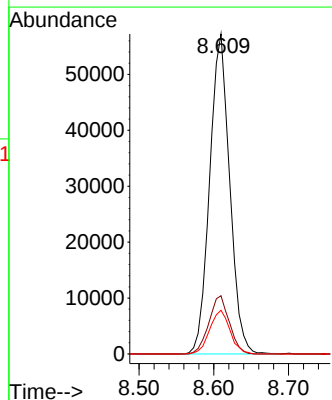
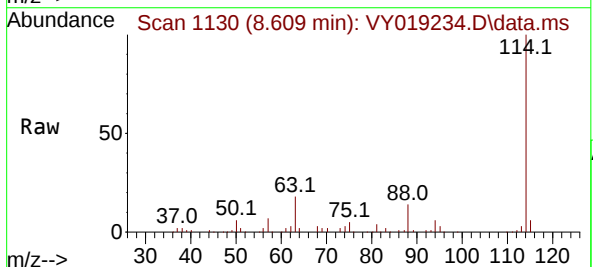
Tgt Ion: 114 Resp: 106420

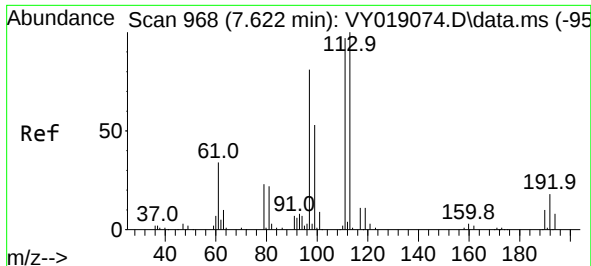
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

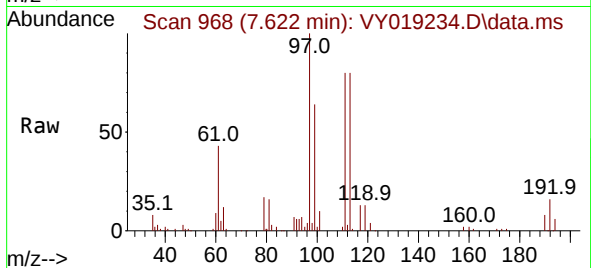
88 13.7 0.0 27.2



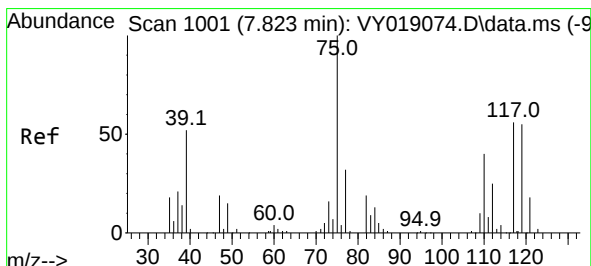
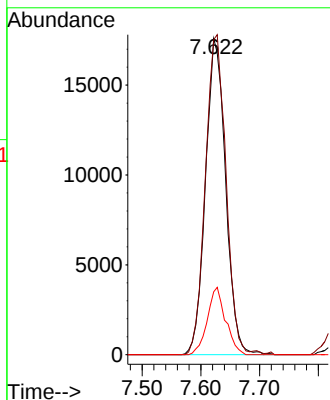
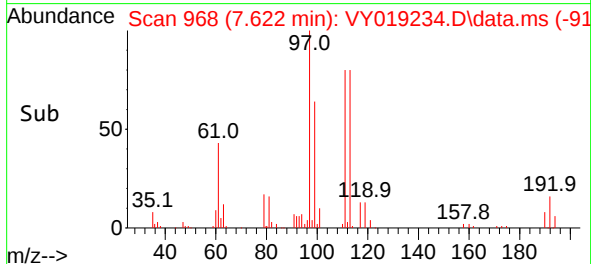


#35
Dibromofluoromethane
Concen: 60.113 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

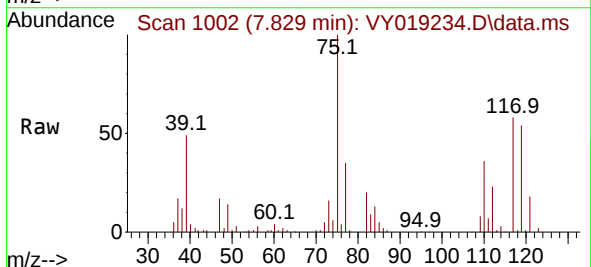
Instrument :
MSVOA_Y
ClientSampleId :



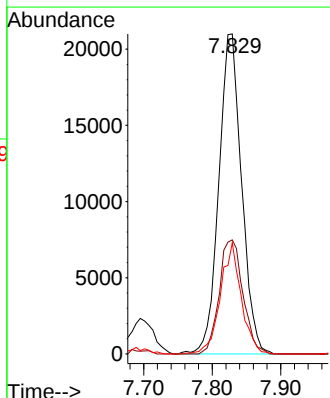
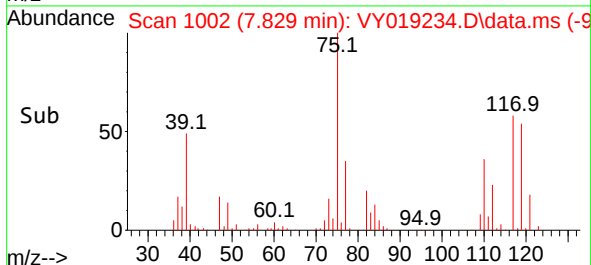
Tgt Ion:113 Resp: 41829
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 19.4 15.9 23.9

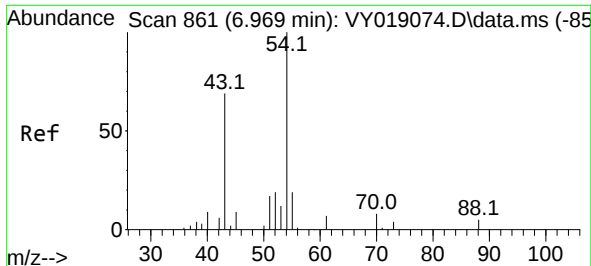


#36
1,1-Dichloropropene
Concen: 50.708 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47



Tgt Ion: 75 Resp: 48452
Ion Ratio Lower Upper
75 100
110 37.1 19.0 57.0
77 31.8 25.3 37.9





#37

Ethyl Acetate

Concen: 42.035 ug/l

RT: 6.976 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :

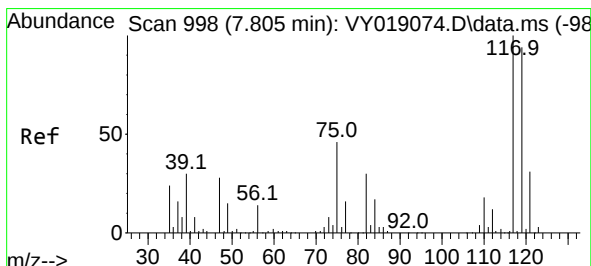
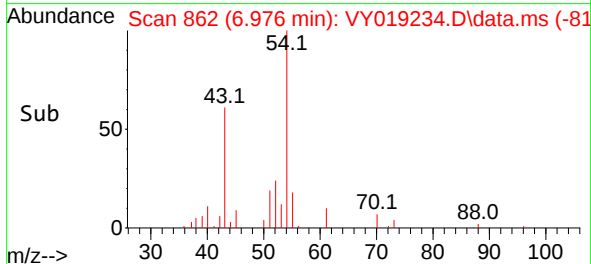
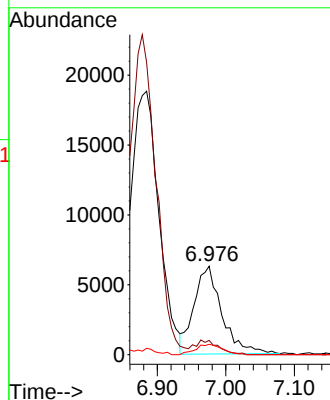
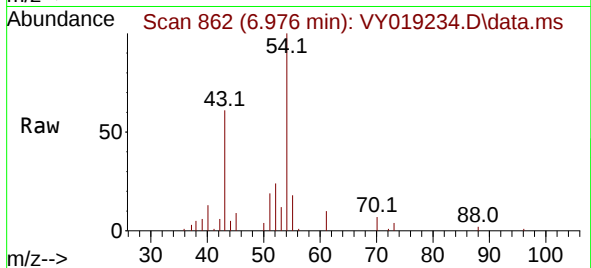
Tgt Ion: 43 Resp: 17795

Ion Ratio Lower Upper

43 100

61 14.1 12.6 19.0

70 11.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 57.689 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

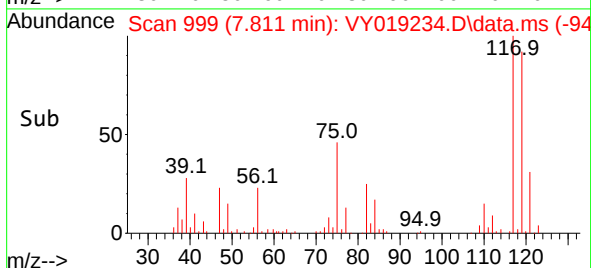
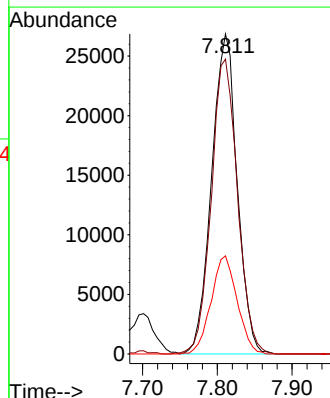
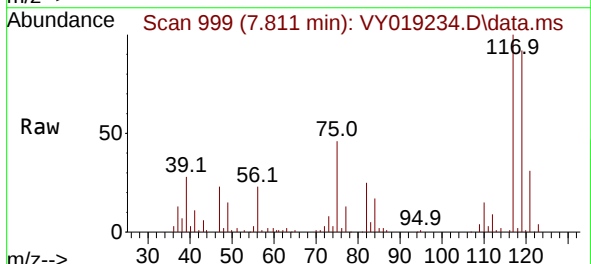
Tgt Ion: 117 Resp: 63881

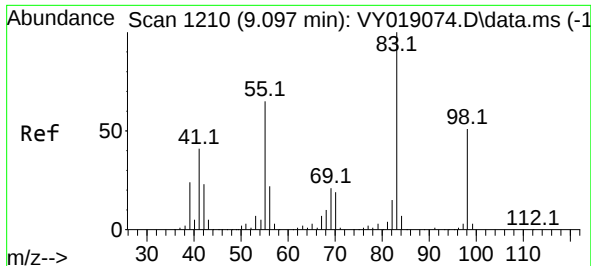
Ion Ratio Lower Upper

117 100

119 92.2 75.8 113.6

121 30.6 24.0 36.0





#39

Methylcyclohexane

Concen: 31.244 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :

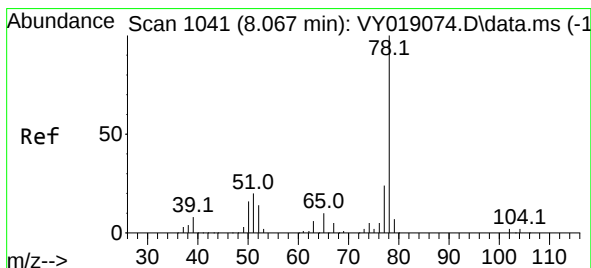
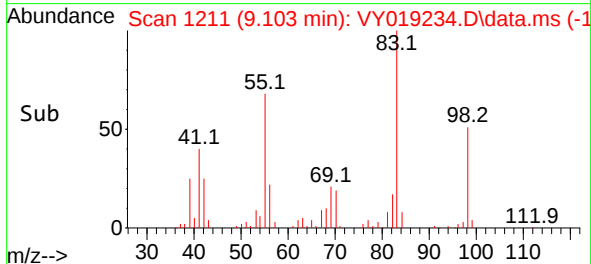
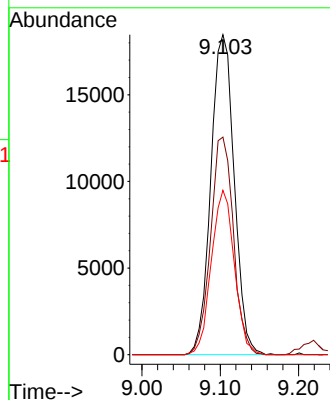
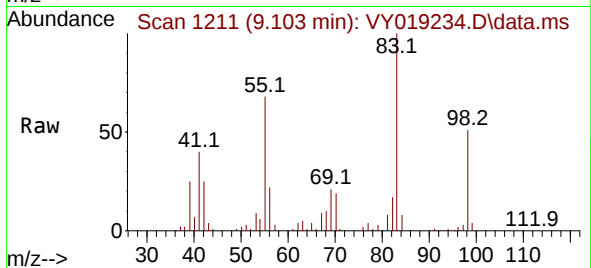
Tgt Ion: 83 Resp: 38311

Ion Ratio Lower Upper

83 100

55 68.0 51.5 77.3

98 51.4 40.5 60.7



#40

Benzene

Concen: 57.332 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019234.D

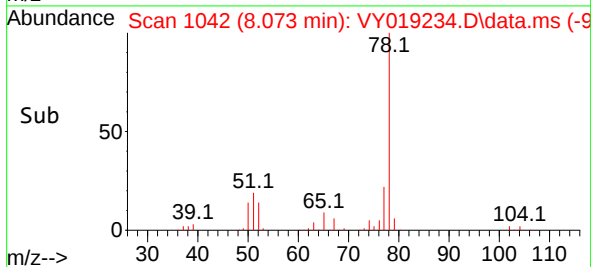
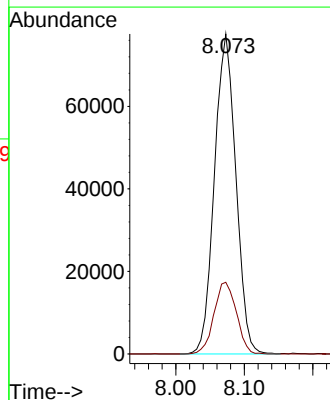
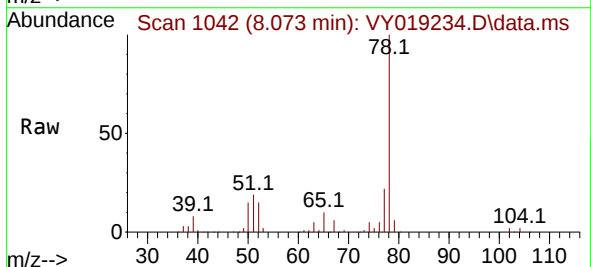
Acq: 22 Aug 2024 20:47

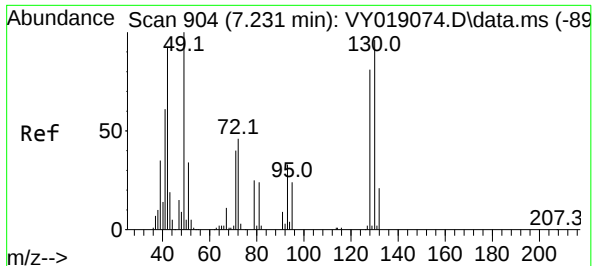
Tgt Ion: 78 Resp: 168010

Ion Ratio Lower Upper

78 100

77 22.4 19.5 29.3

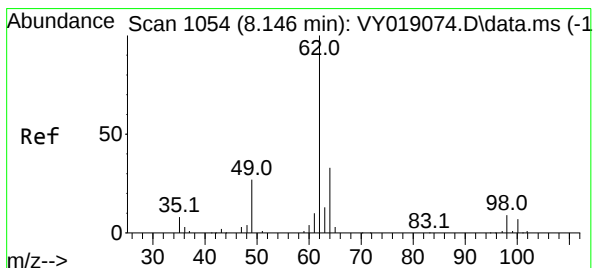
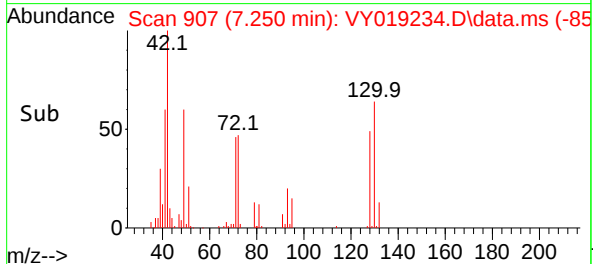
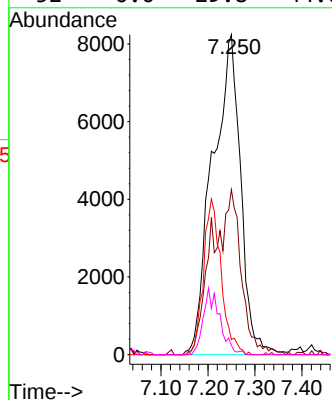
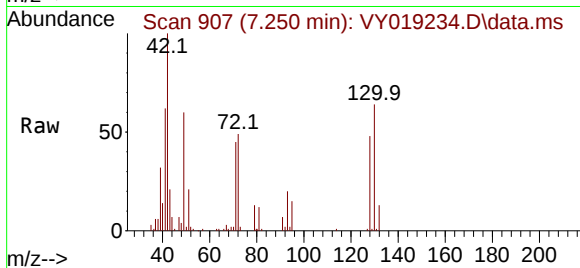




#41
Methacrylonitrile
Concen: 147.732 ug/l
RT: 7.250 min Scan# 904
Delta R.T. 0.019 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

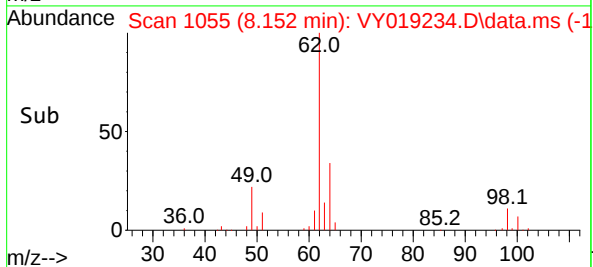
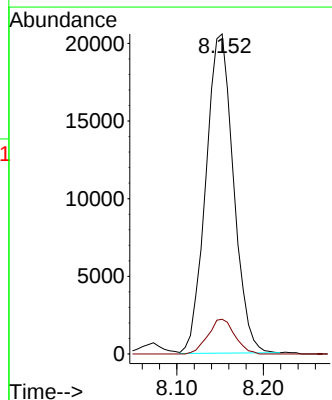
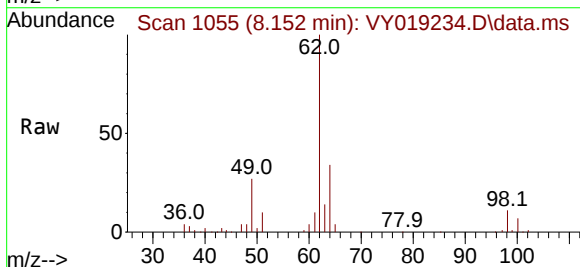
Instrument :
MSVOA_Y
ClientSampleId :

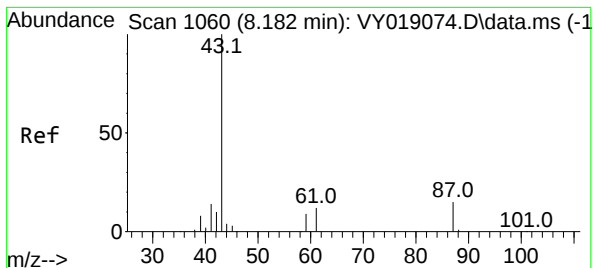
Tgt Ion: 41 Resp: 34135
Ion Ratio Lower Upper
41 100
39 29.2 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 57.633 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

Tgt Ion: 62 Resp: 45608
Ion Ratio Lower Upper
62 100
98 10.5 0.0 22.0





#43

Isopropyl Acetate

Concen: 45.471 ug/l

RT: 8.189 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :

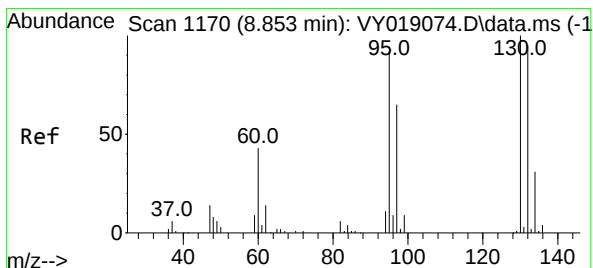
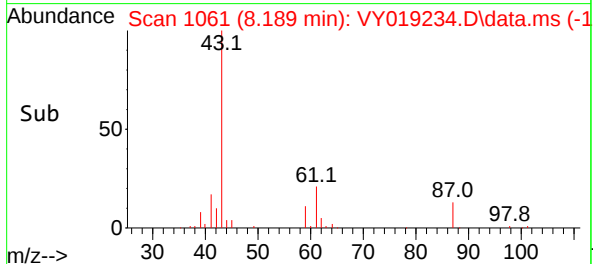
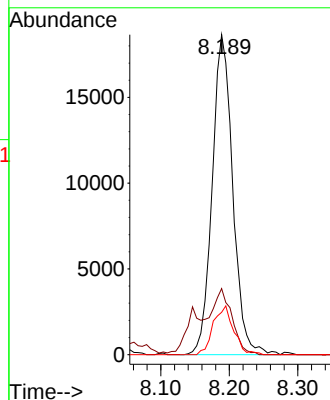
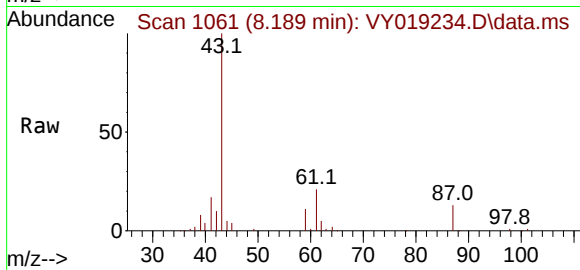
Tgt Ion: 43 Resp: 38930

Ion Ratio Lower Upper

43 100

61 20.1 27.9 41.9#

87 15.1 13.1 19.7



#44

Trichloroethene

Concen: 45.524 ug/l

RT: 8.859 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY019234.D

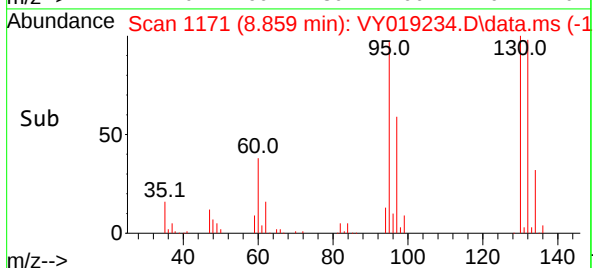
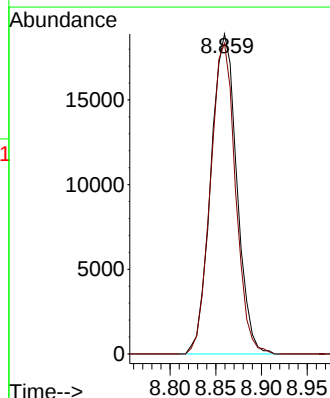
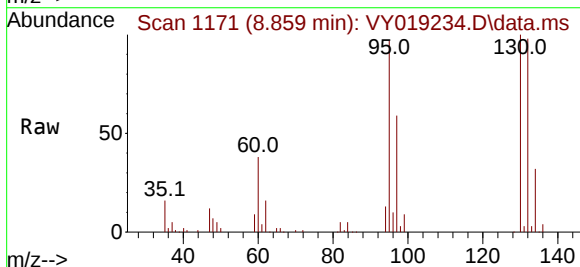
Acq: 22 Aug 2024 20:47

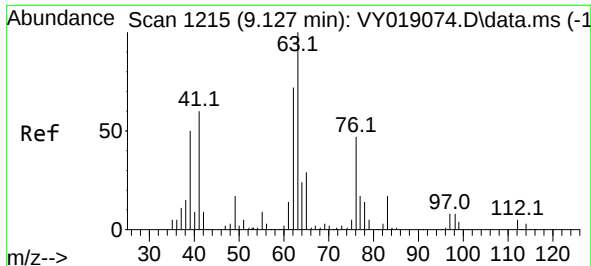
Tgt Ion:130 Resp: 37225

Ion Ratio Lower Upper

130 100

95 97.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 51.169 ug/l

RT: 9.134 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

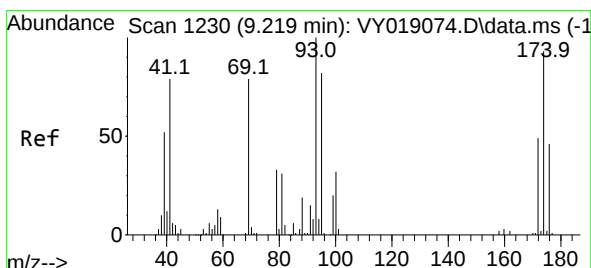
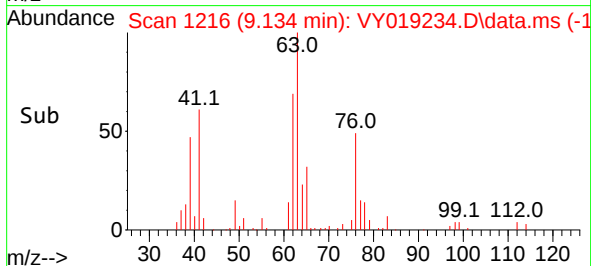
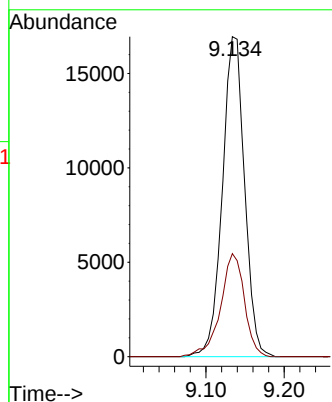
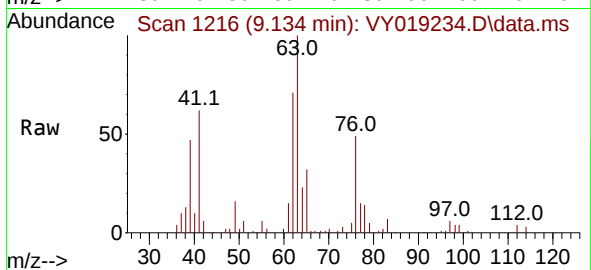
ClientSampleId :

Tgt Ion: 63 Resp: 33409

Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.2



#46

Dibromomethane

Concen: 45.560 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

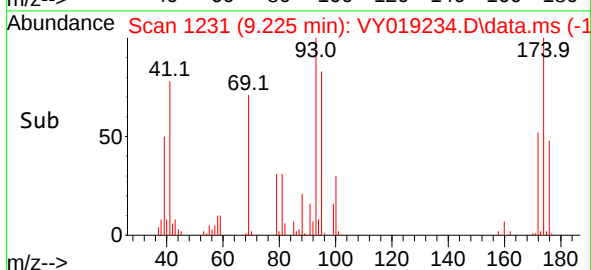
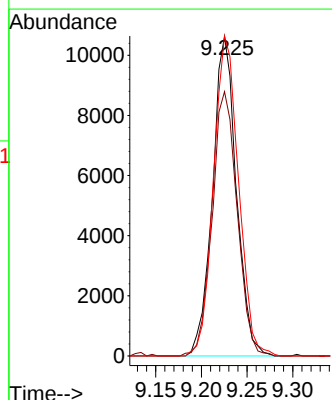
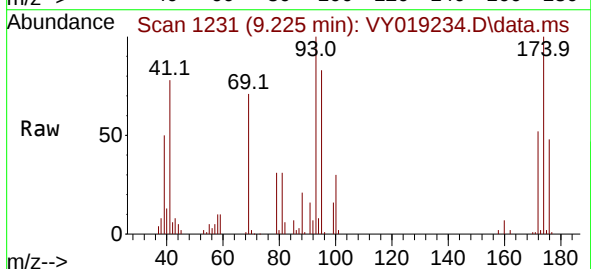
Tgt Ion: 93 Resp: 19294

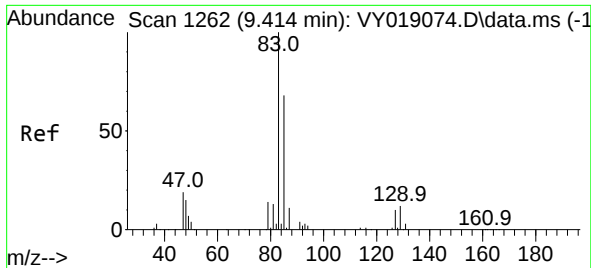
Ion Ratio Lower Upper

93 100

95 86.8 66.2 99.4

174 105.0 80.9 121.3

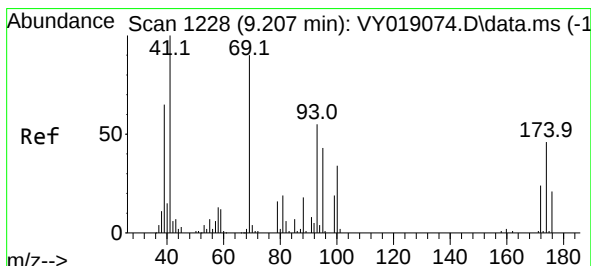
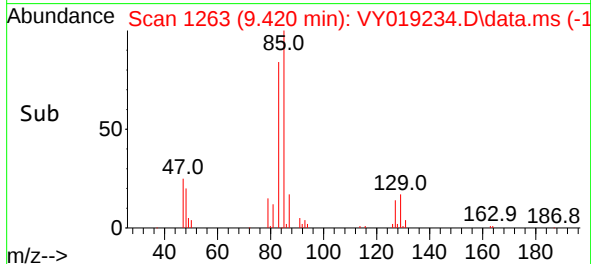
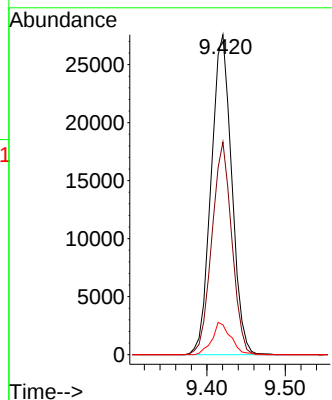
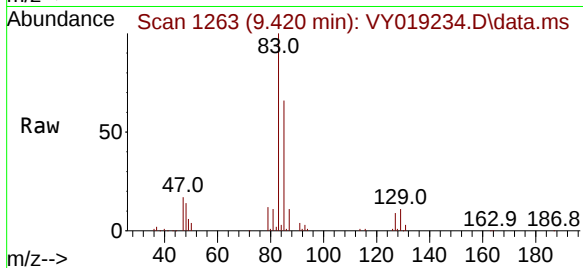




#47
Bromodichloromethane
Concen: 48.345 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

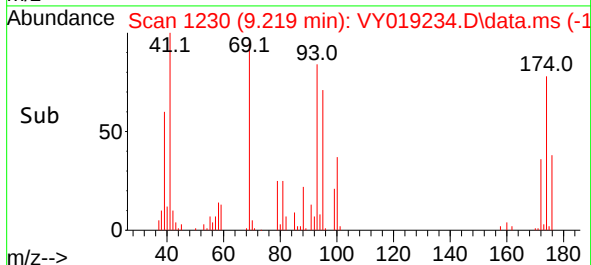
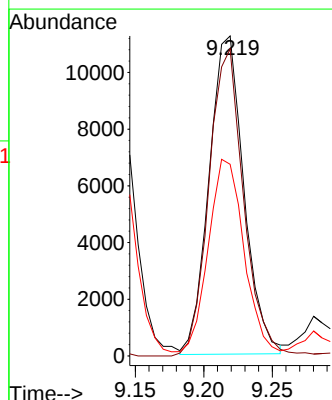
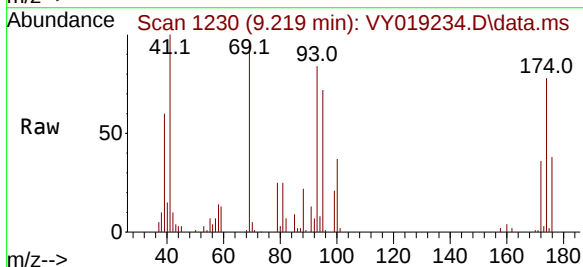
Instrument :
MSVOA_Y
ClientSampleId :

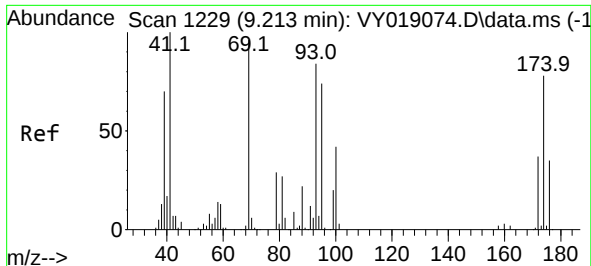
Tgt Ion: 83 Resp: 50229
Ion Ratio Lower Upper
83 100
85 66.4 50.1 75.1
127 9.3 7.4 11.0



#48
Methyl methacrylate
Concen: 51.979 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

Tgt Ion: 41 Resp: 19833
Ion Ratio Lower Upper
41 100
69 96.4 84.1 126.1
39 64.4 43.6 65.4





#49

1,4-Dioxane

Concen: 1046.022 ug/l

RT: 9.213 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :

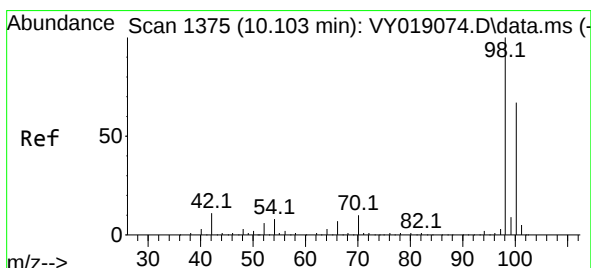
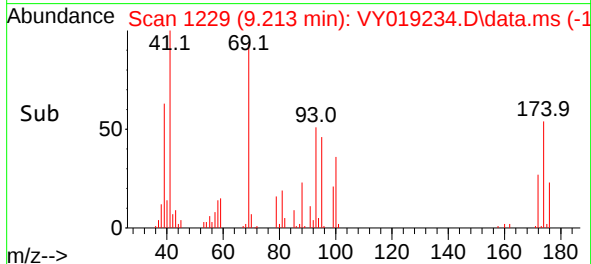
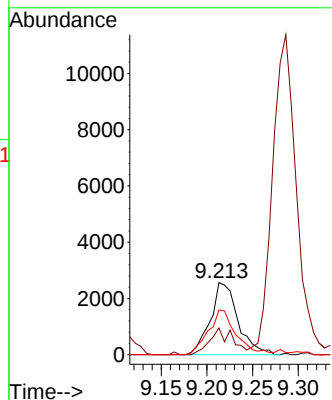
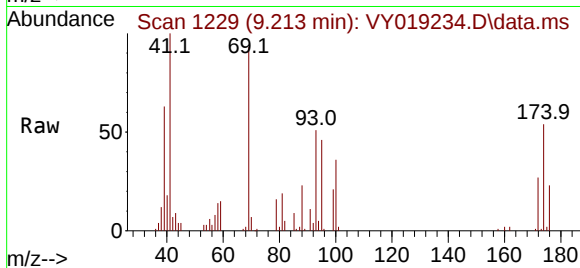
Tgt Ion: 88 Resp: 5366

Ion Ratio Lower Upper

88 100

43 30.7 0.0 0.0#

58 62.7 49.3 73.9



#50

Toluene-d8

Concen: 46.864 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019234.D

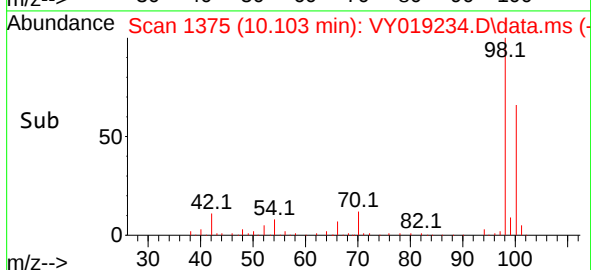
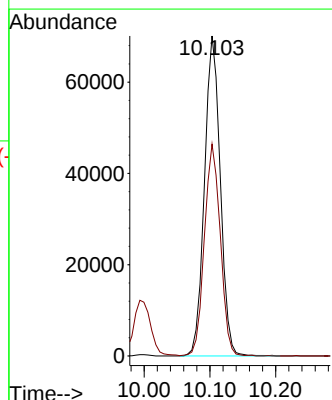
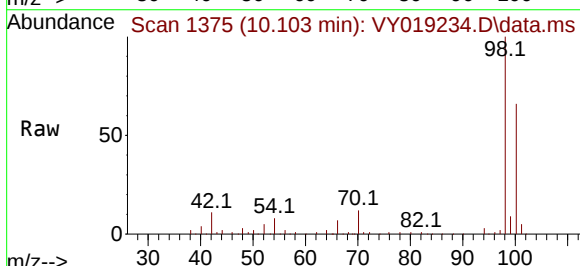
Acq: 22 Aug 2024 20:47

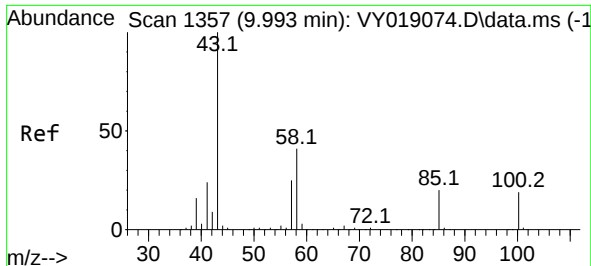
Tgt Ion: 98 Resp: 117350

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 274.776 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

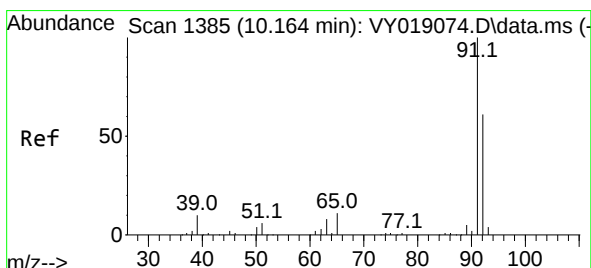
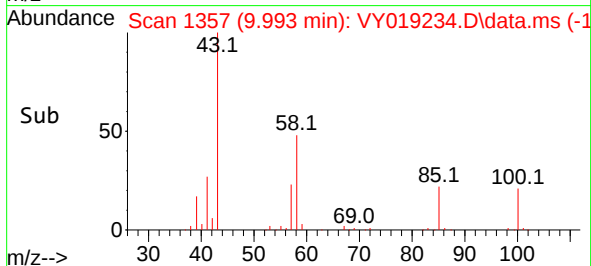
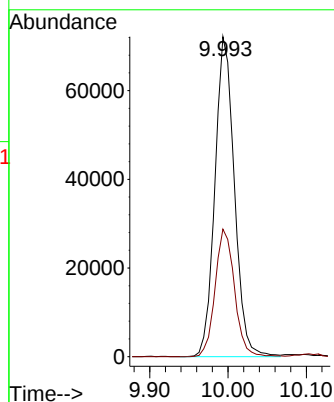
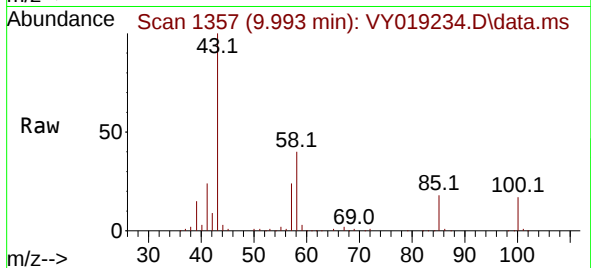
ClientSampleId :

Tgt Ion: 43 Resp: 124861

Ion Ratio Lower Upper

43 100

58 39.7 35.7 53.5



#52

Toluene

Concen: 46.054 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VY019234.D

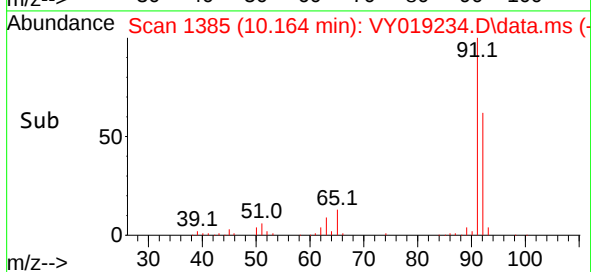
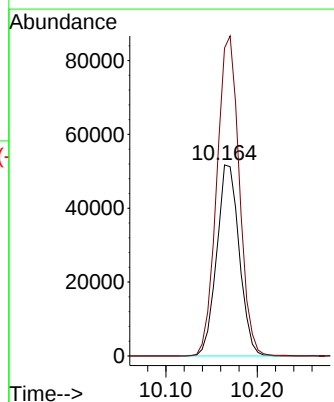
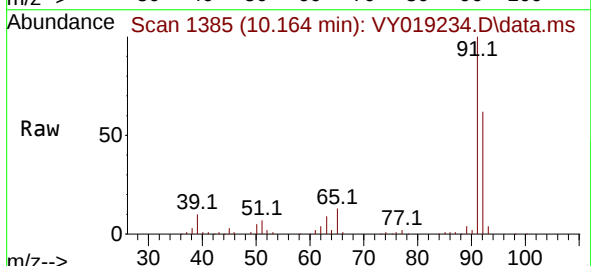
Acq: 22 Aug 2024 20:47

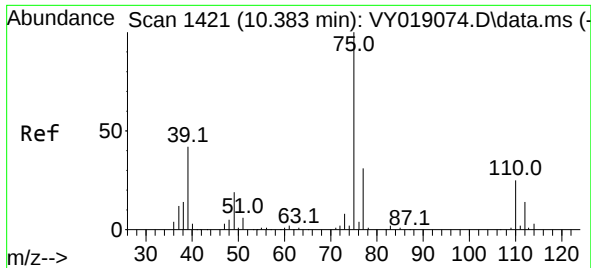
Tgt Ion: 92 Resp: 88591

Ion Ratio Lower Upper

92 100

91 167.6 139.0 208.6

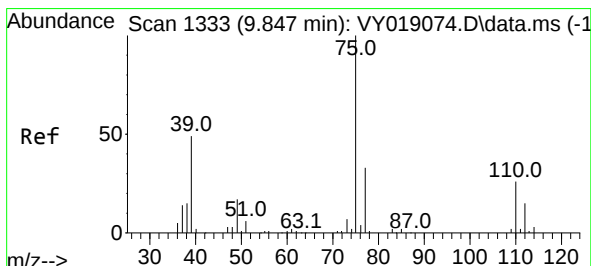
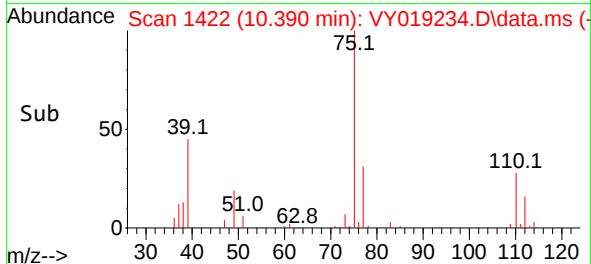
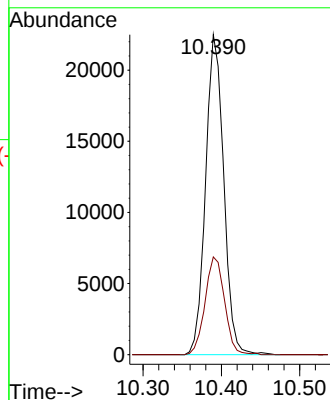
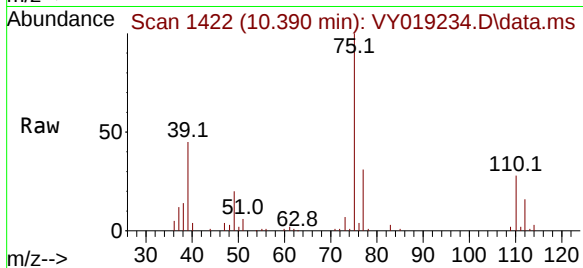




#53
 t-1,3-Dichloropropene
 Concen: 41.885 ug/l
 RT: 10.390 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VY019234.D
 Acq: 22 Aug 2024 20:47

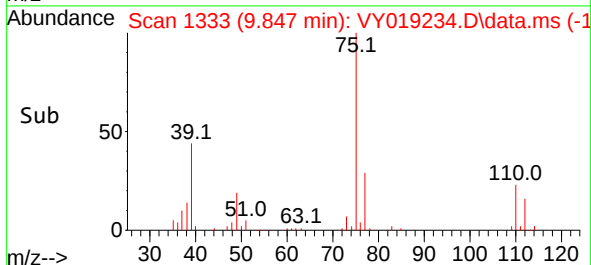
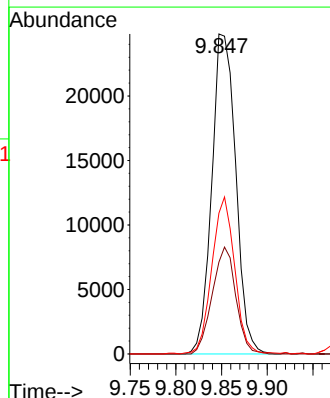
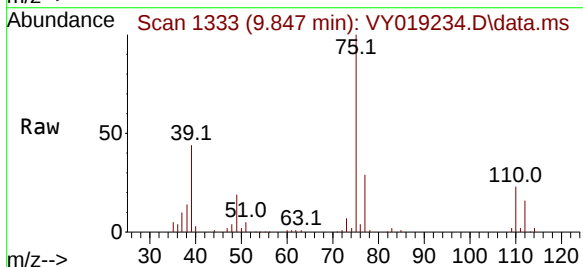
Instrument :
 MSVOA_Y
 ClientSampleId :

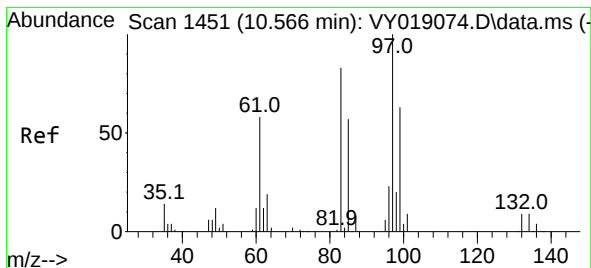
Tgt Ion: 75 Resp: 36099
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 43.612 ug/l
 RT: 9.847 min Scan# 1333
 Delta R.T. 0.000 min
 Lab File: VY019234.D
 Acq: 22 Aug 2024 20:47

Tgt Ion: 75 Resp: 45204
 Ion Ratio Lower Upper
 75 100
 77 28.7 25.4 38.0
 39 44.0 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 46.870 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. 0.000 min

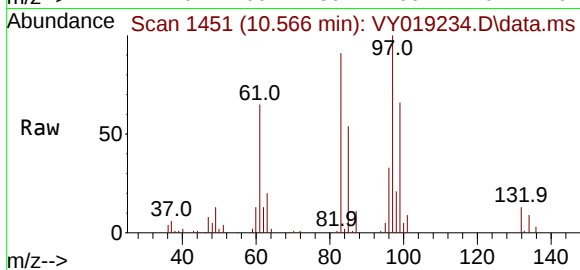
Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 25552

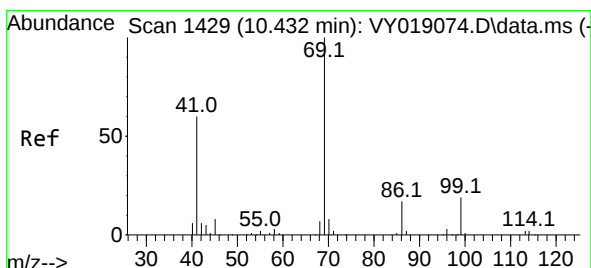
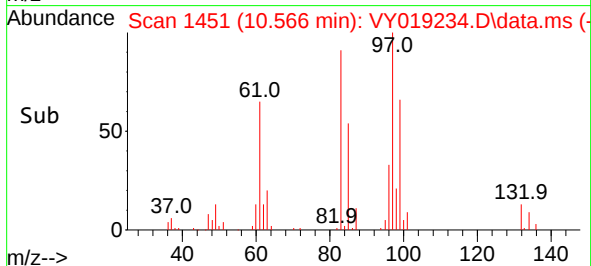
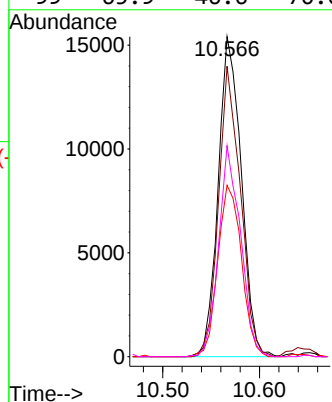
Ion Ratio Lower Upper

97 100

83 90.7 67.5 101.3

85 53.6 42.9 64.3

99 65.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 39.871 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

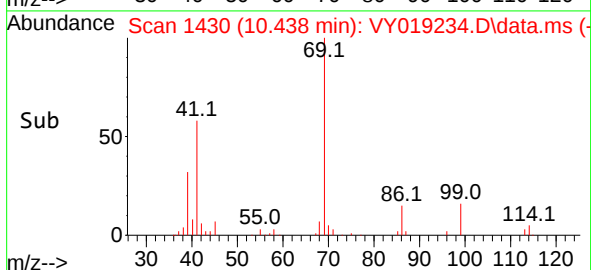
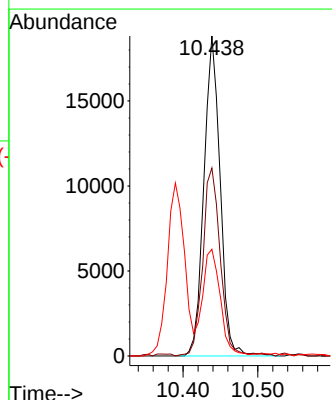
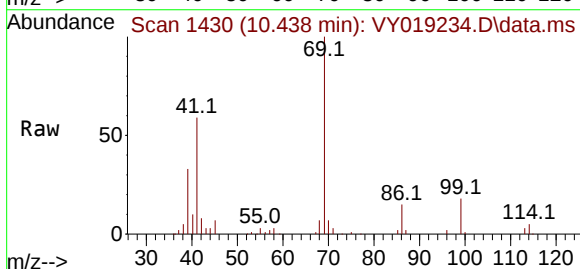
Tgt Ion: 69 Resp: 28451

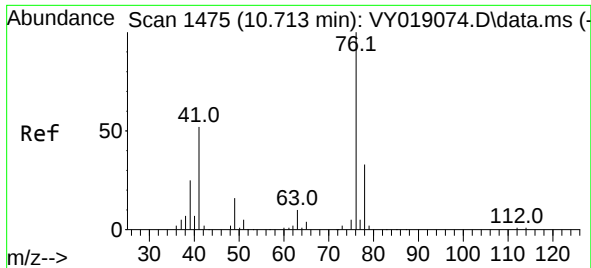
Ion Ratio Lower Upper

69 100

41 63.6 42.3 63.5#

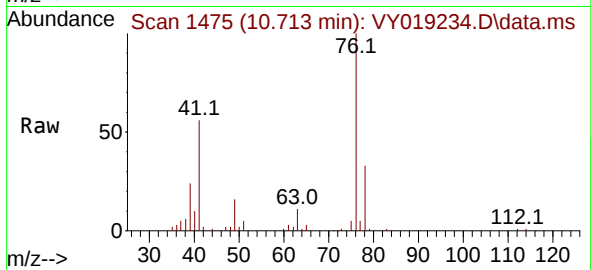
39 36.7 22.9 34.3#



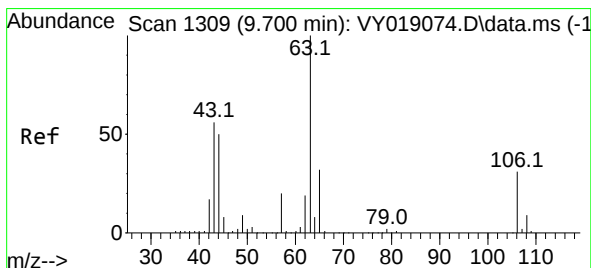
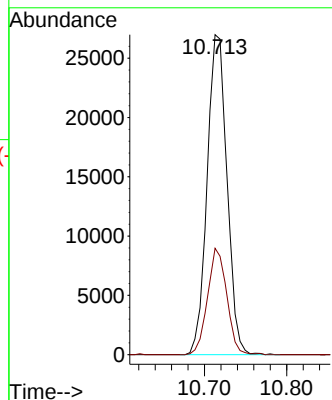
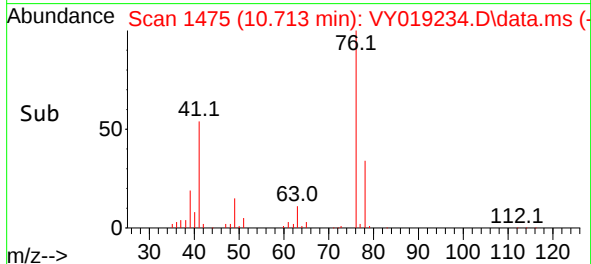


#57
1,3-Dichloropropane
Concen: 50.948 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

Instrument :
MSVOA_Y
ClientSampleId :

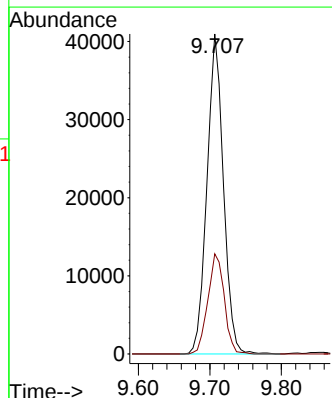
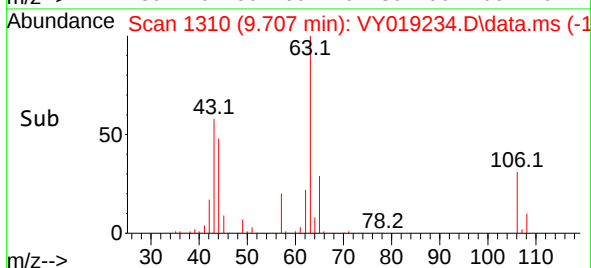
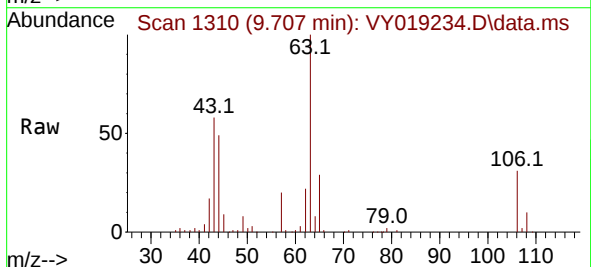


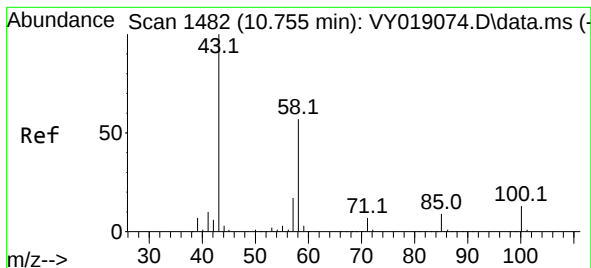
Tgt Ion: 76 Resp: 45278
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 193.326 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

Tgt Ion: 63 Resp: 65444
Ion Ratio Lower Upper
63 100
106 31.2 23.7 35.5





#59

2-Hexanone

Concen: 200.901 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

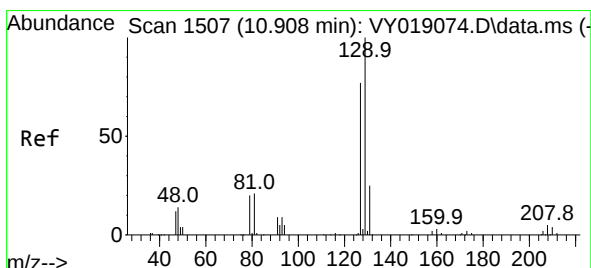
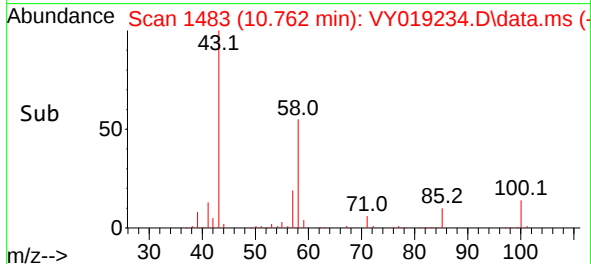
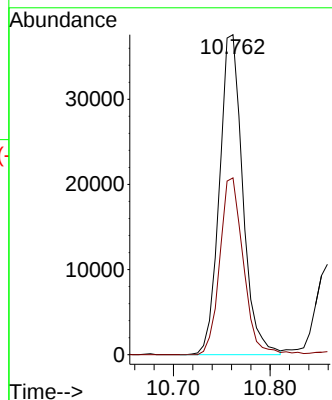
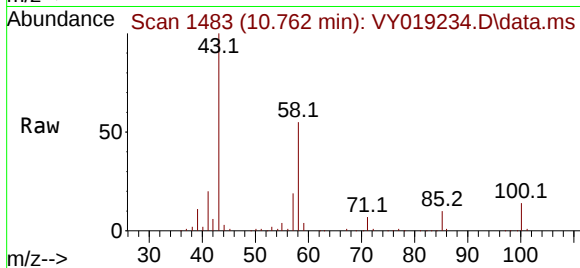
ClientSampleId :

Tgt Ion: 43 Resp: 62719

Ion Ratio Lower Upper

43 100

58 56.0 31.4 94.0



#60

Dibromochloromethane

Concen: 38.999 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY019234.D

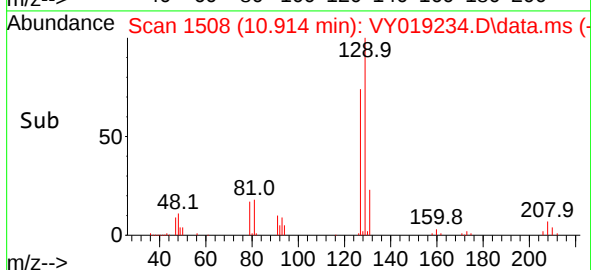
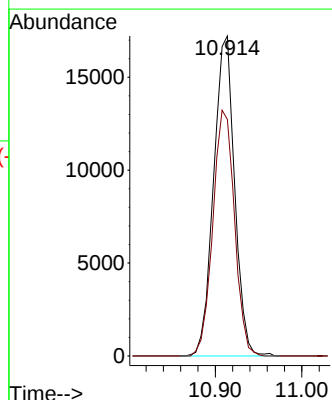
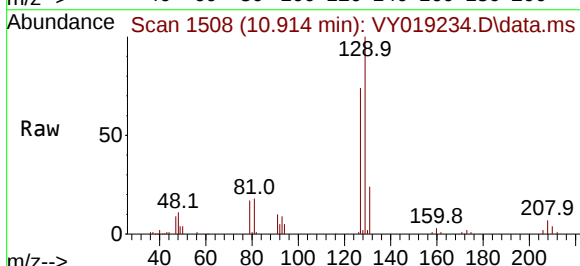
Acq: 22 Aug 2024 20:47

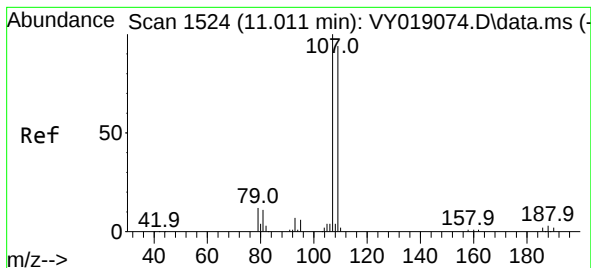
Tgt Ion:129 Resp: 28958

Ion Ratio Lower Upper

129 100

127 79.2 39.0 117.0

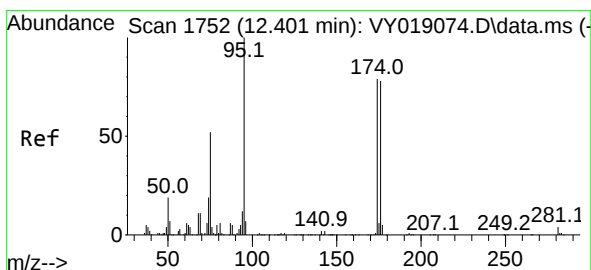
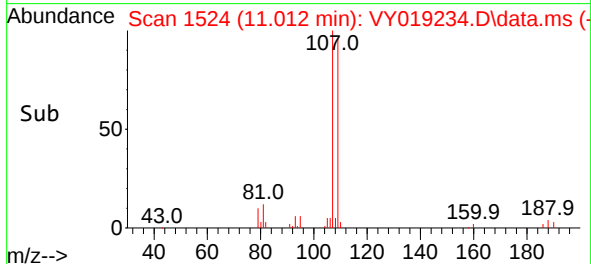
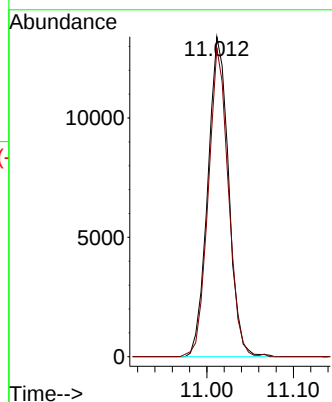
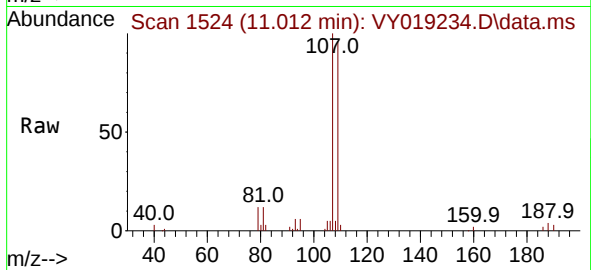




#61
1,2-Dibromoethane
Concen: 42.492 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

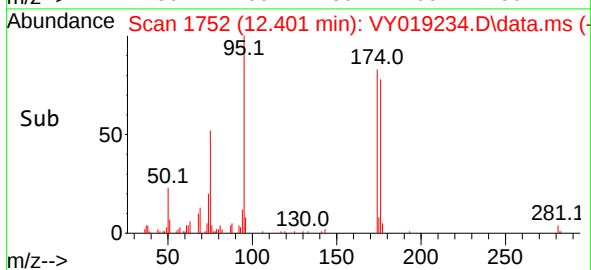
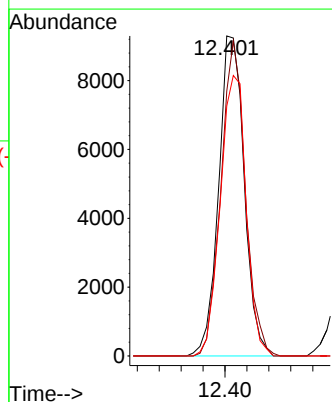
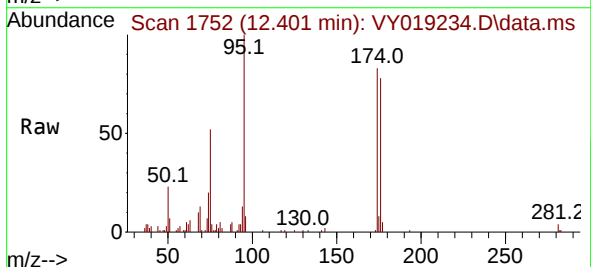
Instrument :
MSVOA_Y
ClientSampleId :

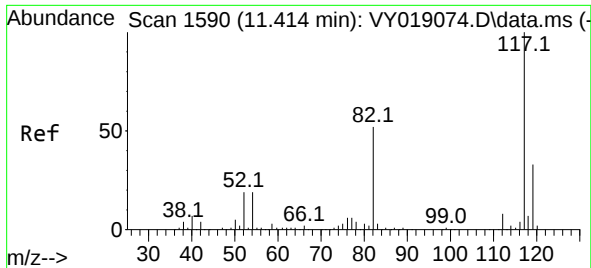
Tgt Ion:107 Resp: 22390
Ion Ratio Lower Upper
107 100
109 93.1 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 17.635 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

Tgt Ion: 95 Resp: 15054
Ion Ratio Lower Upper
95 100
174 94.0 0.0 175.6
176 88.7 0.0 171.4

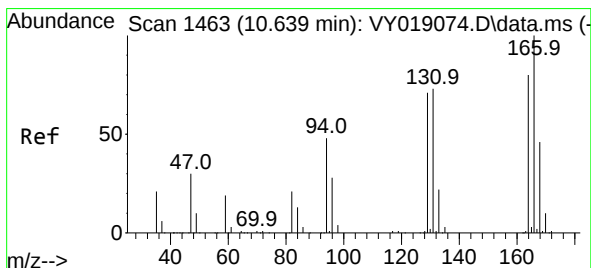
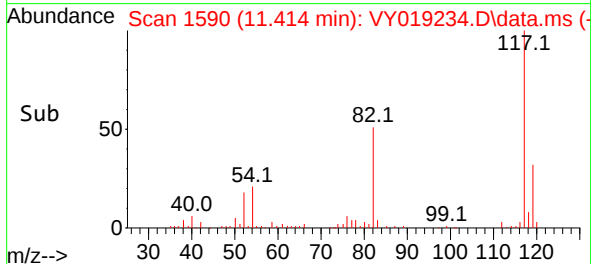
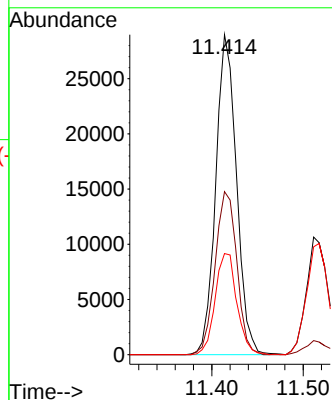
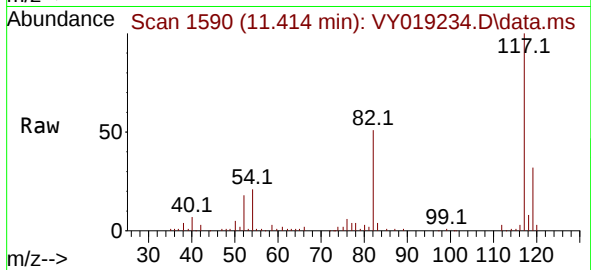




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

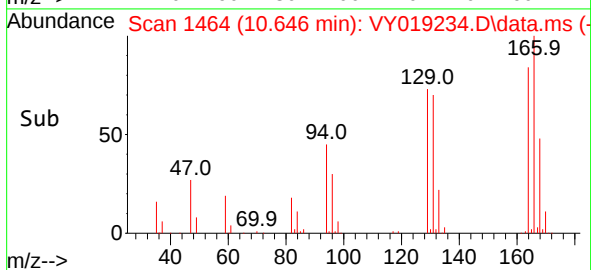
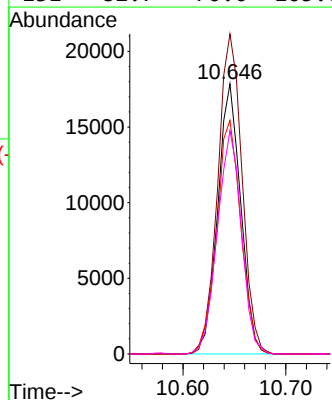
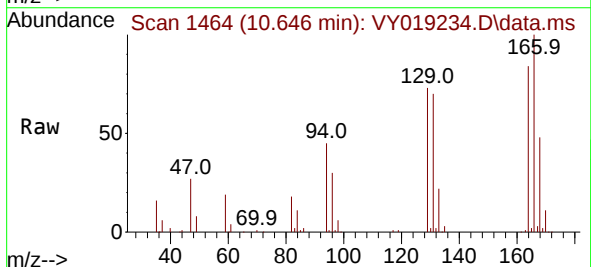
Instrument :
MSVOA_Y
ClientSampleId :

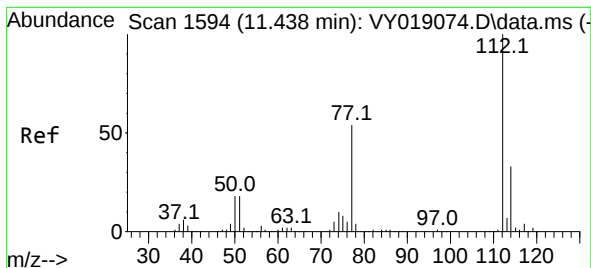
Tgt Ion:117 Resp: 45803
Ion Ratio Lower Upper
117 100
82 50.9 42.4 63.6
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 69.394 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

Tgt Ion:164 Resp: 27782
Ion Ratio Lower Upper
164 100
166 118.5 102.6 154.0
129 86.5 72.0 108.0
131 82.7 70.0 105.0





#65

Chlorobenzene

Concen: 47.478 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

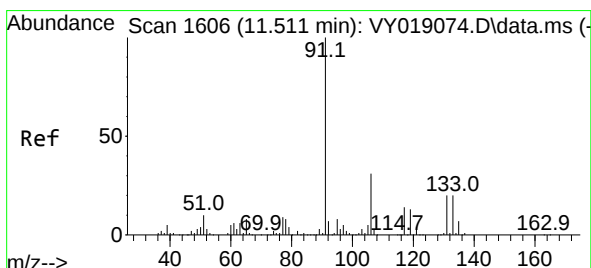
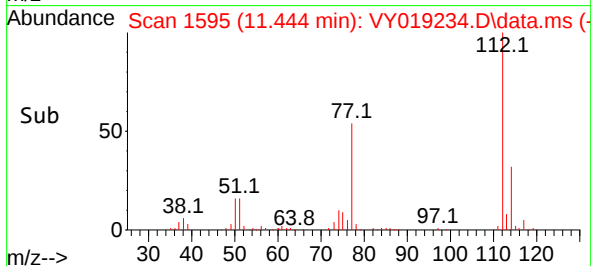
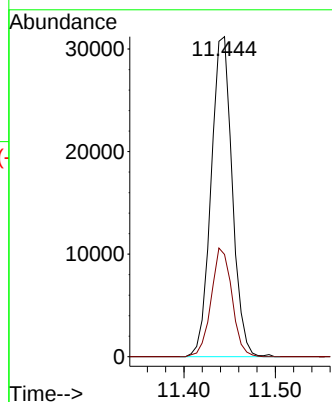
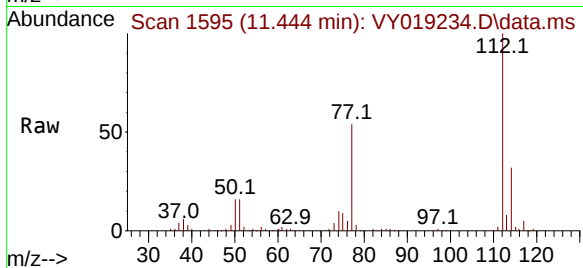
ClientSampleId :

Tgt Ion:112 Resp: 50074

Ion Ratio Lower Upper

112 100

114 31.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 69.449 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

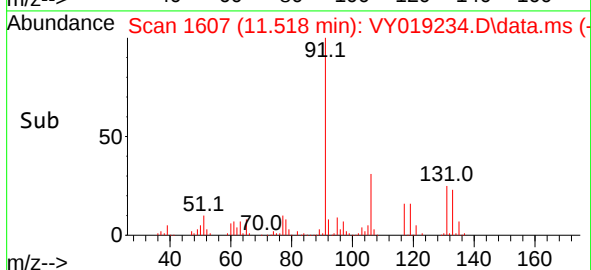
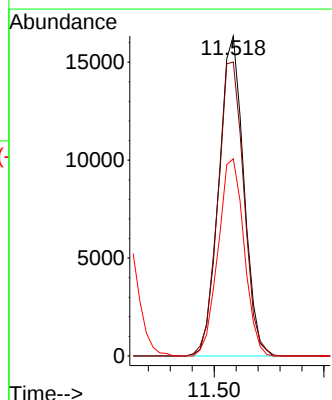
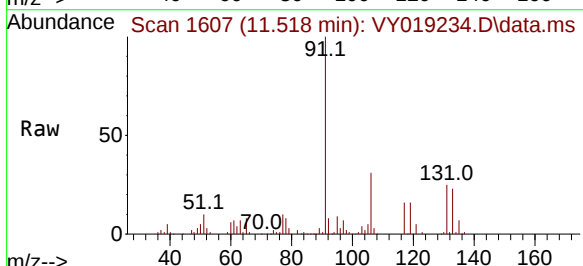
Tgt Ion:131 Resp: 25758

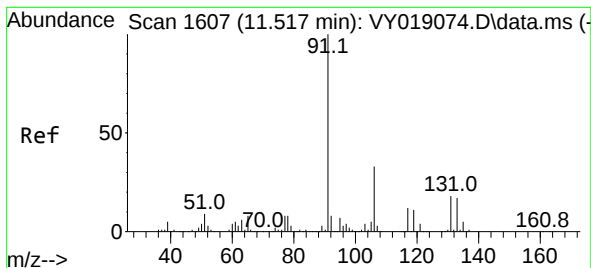
Ion Ratio Lower Upper

131 100

133 95.9 47.8 143.3

119 64.3 34.1 102.2





#67

Ethyl Benzene

Concen: 51.660 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

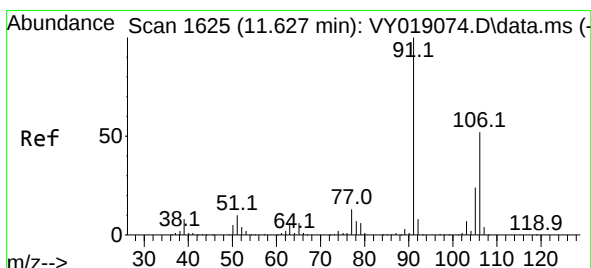
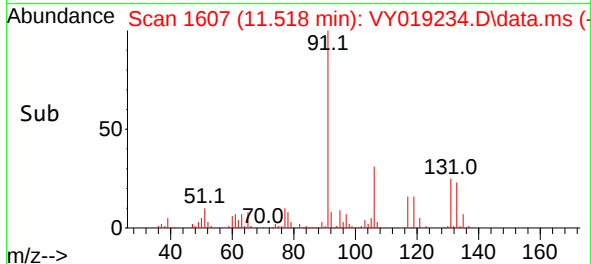
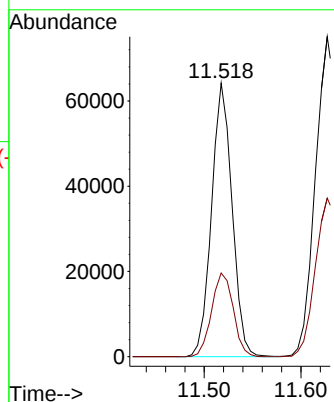
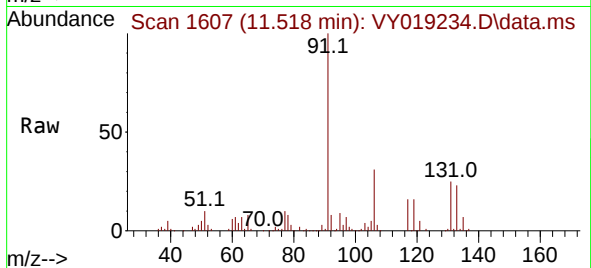
ClientSampleId :

Tgt Ion: 91 Resp: 94566

Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



#68

m/p-Xylenes

Concen: 94.074 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019234.D

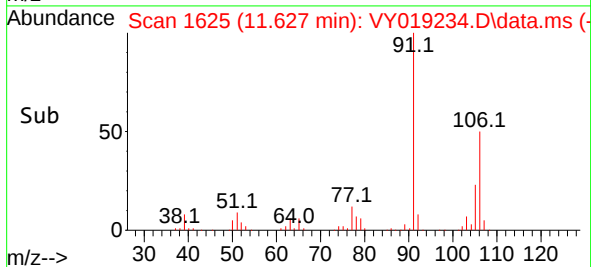
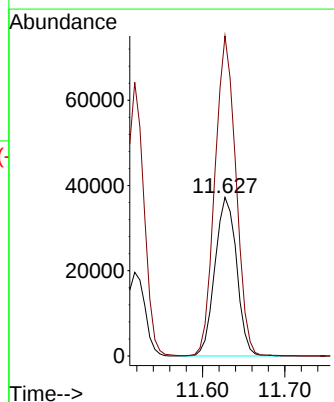
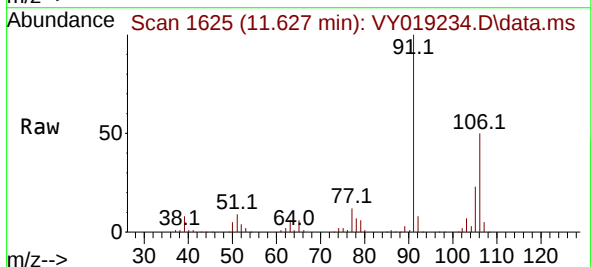
Acq: 22 Aug 2024 20:47

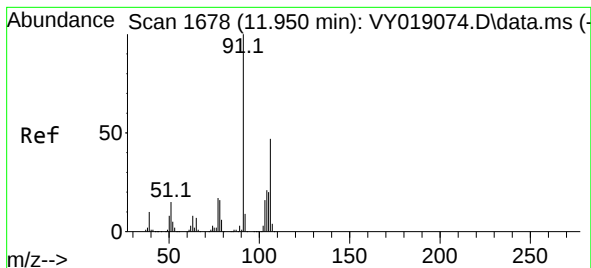
Tgt Ion:106 Resp: 68330

Ion Ratio Lower Upper

106 100

91 195.6 156.0 234.0





#69

o-Xylene

Concen: 51.119 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

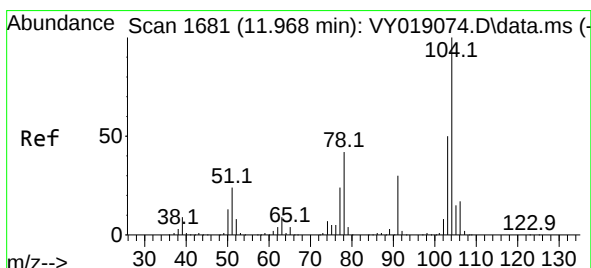
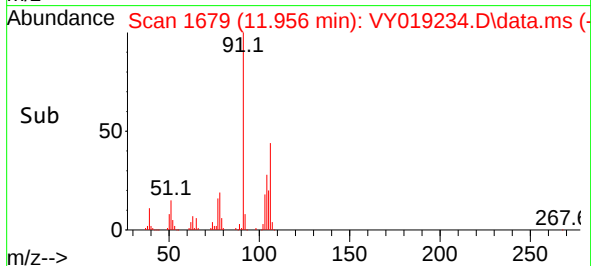
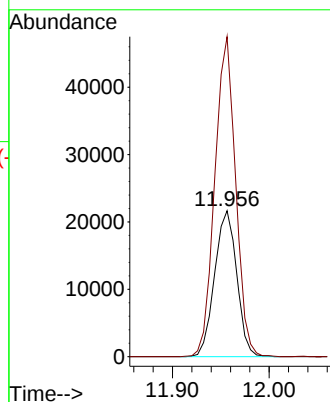
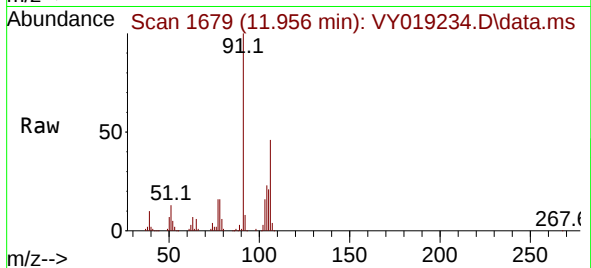
ClientSampleId :

Tgt Ion:106 Resp: 34384

Ion Ratio Lower Upper

106 100

91 206.4 103.6 310.8



#70

Styrene

Concen: 33.413 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

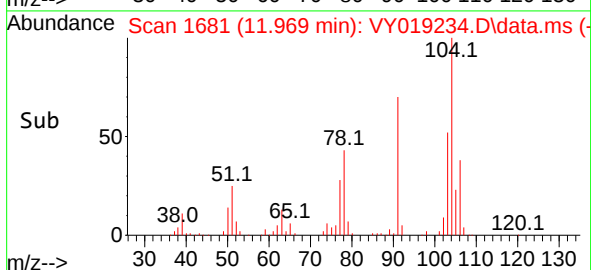
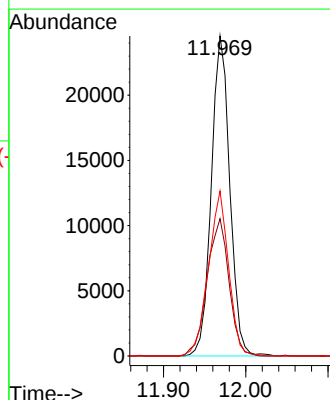
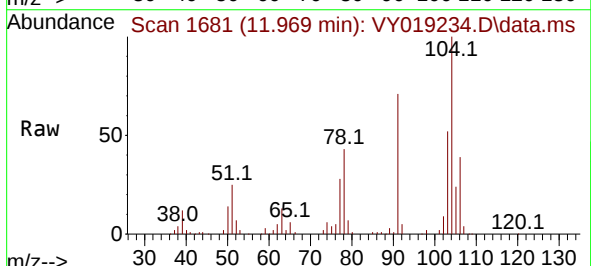
Tgt Ion:104 Resp: 38325

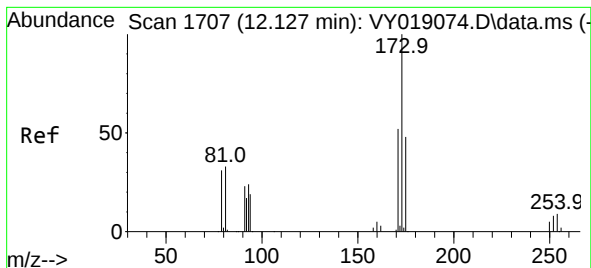
Ion Ratio Lower Upper

104 100

78 50.8 37.0 55.4

103 56.4 44.2 66.2





#71

Bromoform

Concen: 62.065 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :

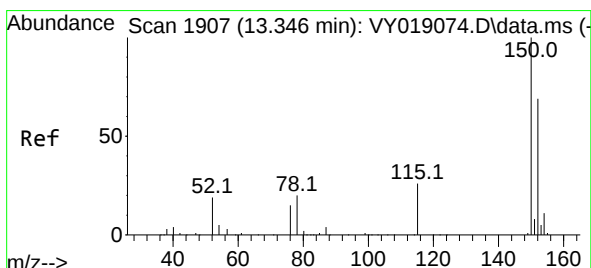
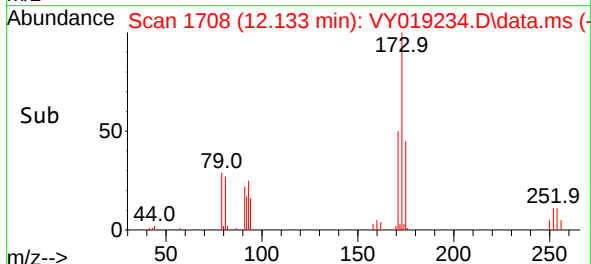
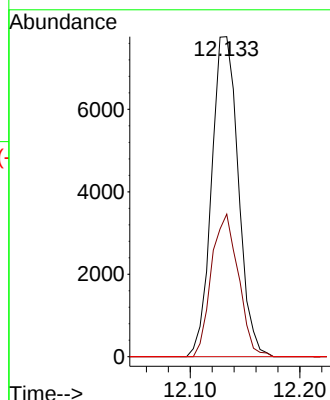
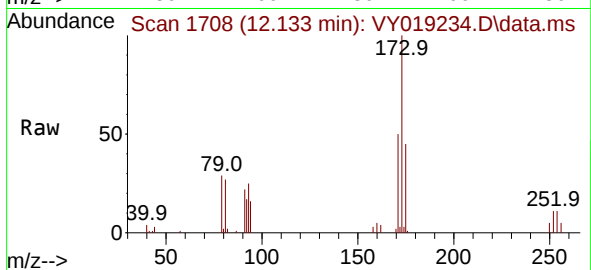
Tgt Ion:173 Resp: 13159

Ion Ratio Lower Upper

173 100

175 45.0 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: VY019234.D

Acq: 22 Aug 2024 20:47

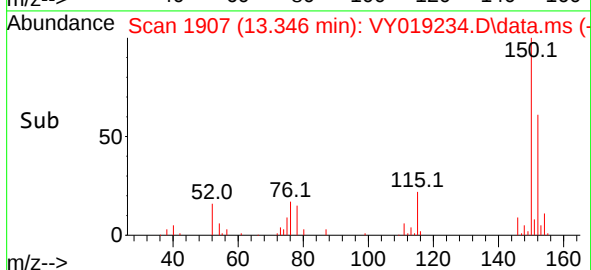
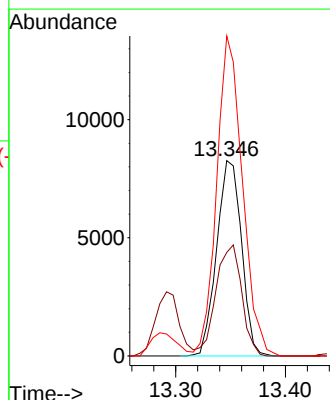
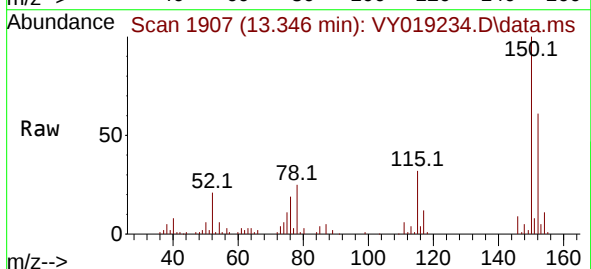
Tgt Ion:152 Resp: 13020

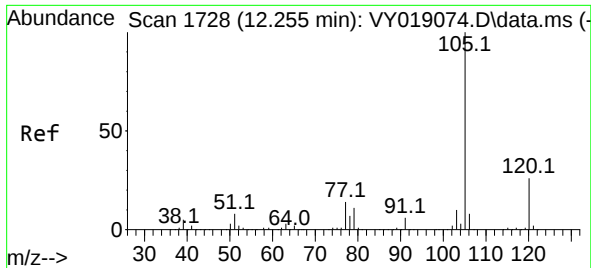
Ion Ratio Lower Upper

152 100

115 59.2 28.2 84.7

150 169.8 0.0 345.6

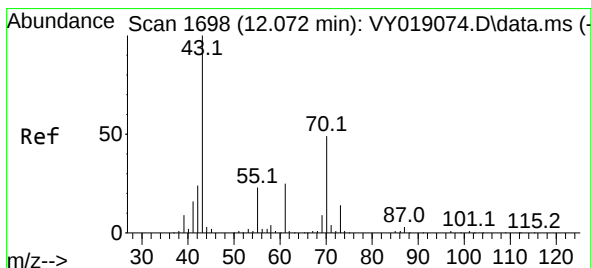
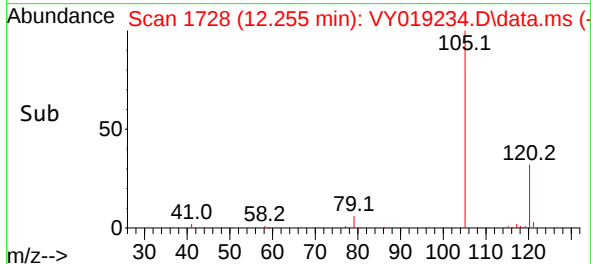
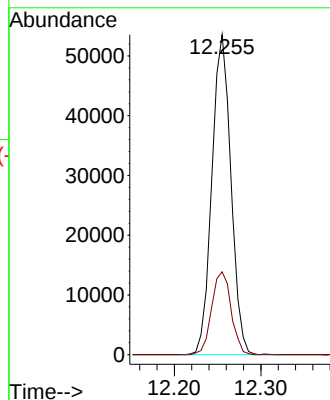
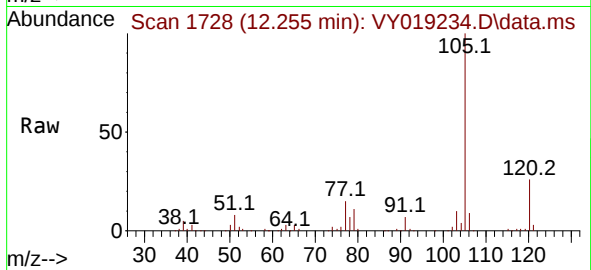




#73
Isopropylbenzene
Concen: 81.808 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

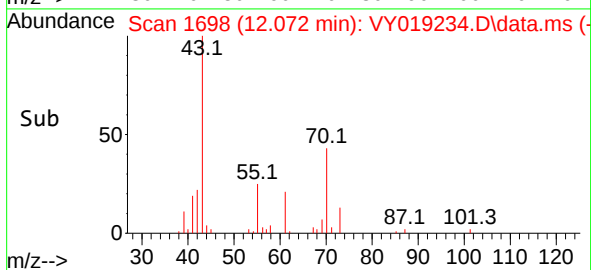
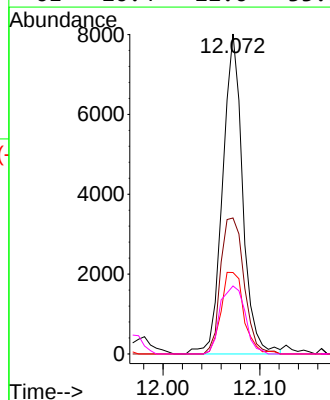
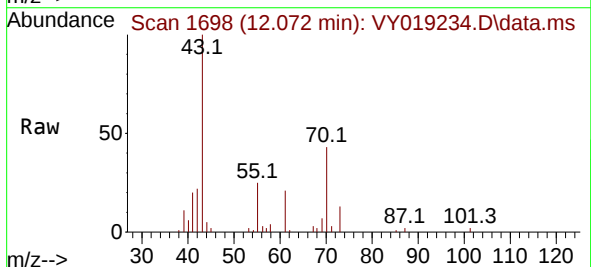
Instrument :
MSVOA_Y
ClientSampleId :

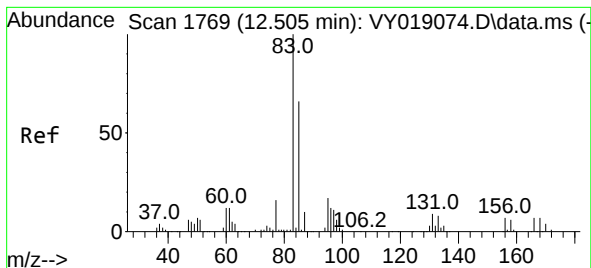
Tgt Ion:105 Resp: 81638
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1



#74
N-ethyl acetate
Concen: 52.940 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

Tgt Ion: 43 Resp: 11520
Ion Ratio Lower Upper
43 100
70 49.9 41.4 62.2
55 28.9 23.3 34.9
61 26.4 22.6 33.8

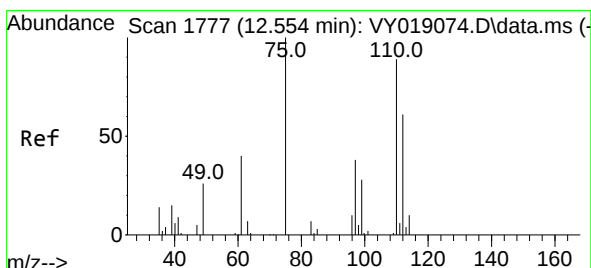
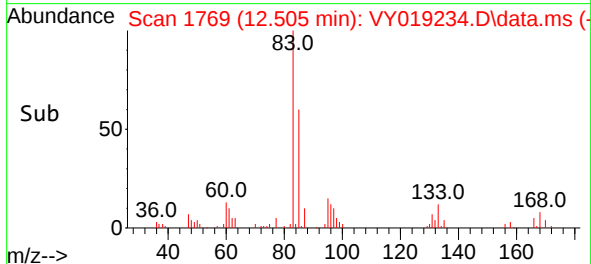
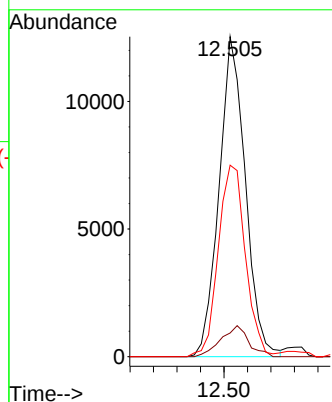
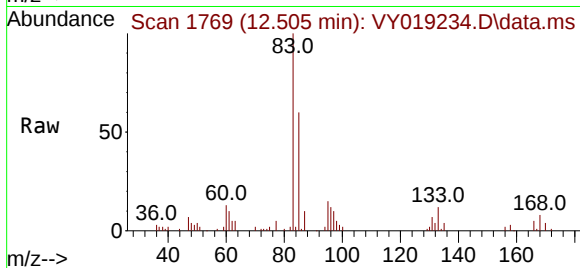




#75
1,1,2,2-Tetrachloroethane
Concen: 109.744 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

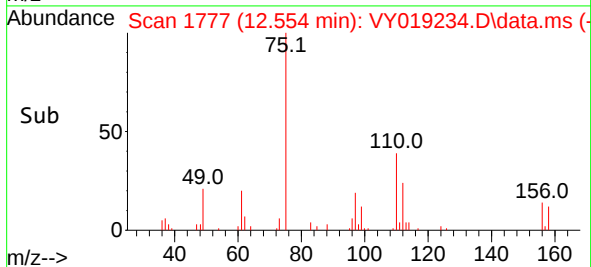
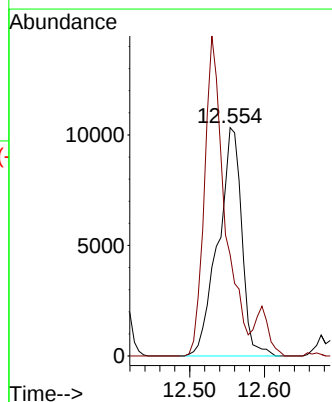
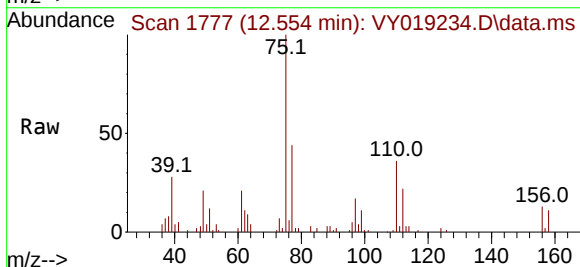
Instrument :
MSVOA_Y
ClientSampleId :

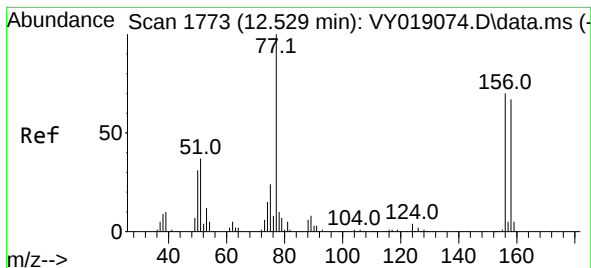
Tgt Ion: 83	Resp: 19497
Ion Ratio	Lower Upper
83	100
131	10.2 5.0 14.9
85	61.7 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 176.985 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

Tgt Ion: 75	Resp: 22725
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





#77

Bromobenzene

Concen: 63.983 ug/l

RT: 12.530 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :

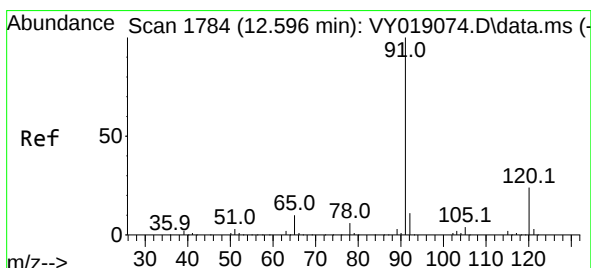
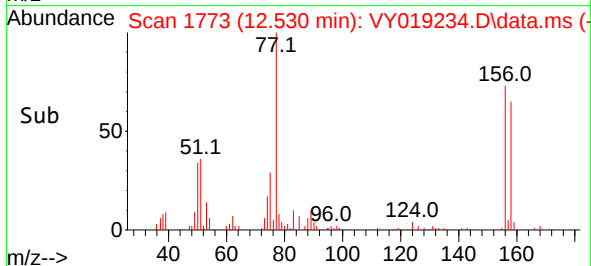
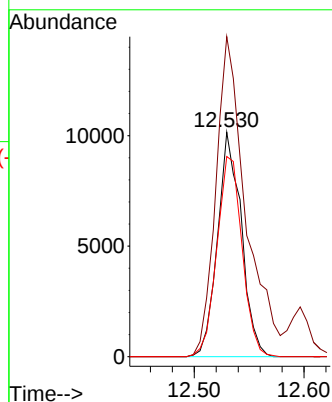
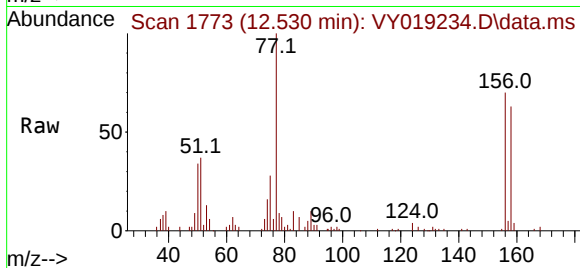
Tgt Ion:156 Resp: 15334

Ion Ratio Lower Upper

156 100

77 178.8 87.1 261.3

158 94.4 48.6 145.9



#78

n-propylbenzene

Concen: 62.108 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019234.D

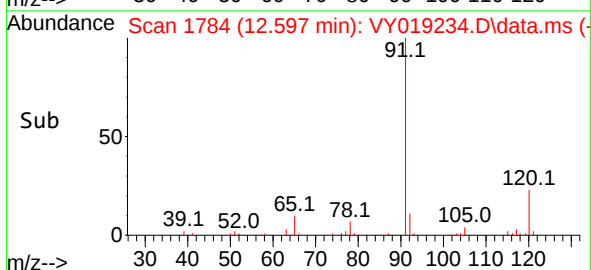
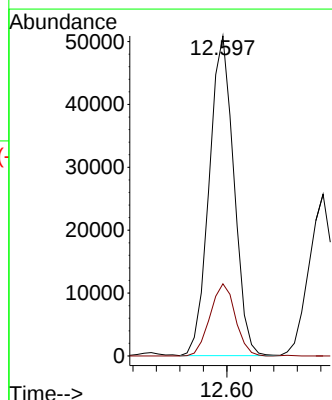
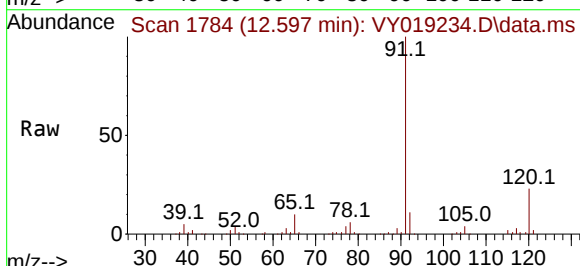
Acq: 22 Aug 2024 20:47

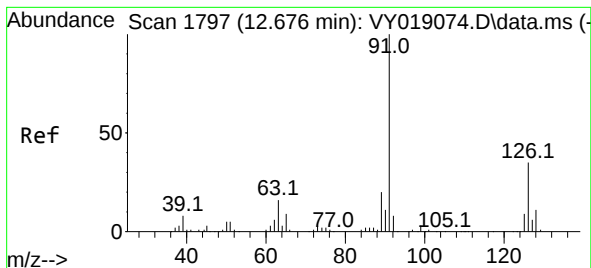
Tgt Ion: 91 Resp: 74092

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 56.908 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

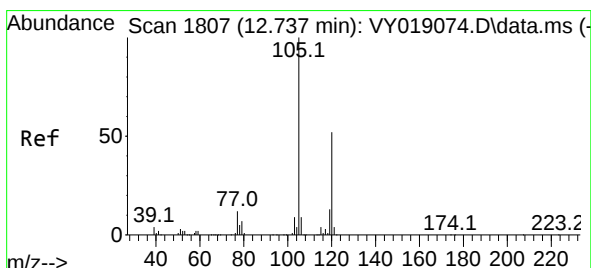
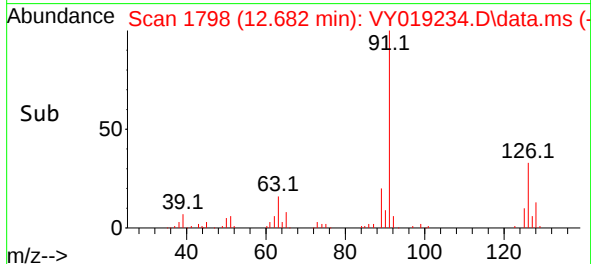
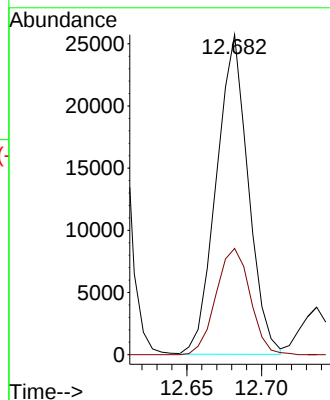
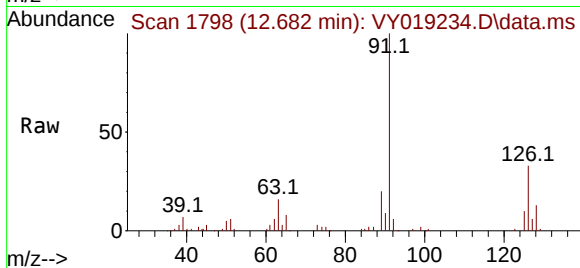
ClientSampleId :

Tgt Ion: 91 Resp: 38061

Ion Ratio Lower Upper

91 100

126 35.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 58.909 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019234.D

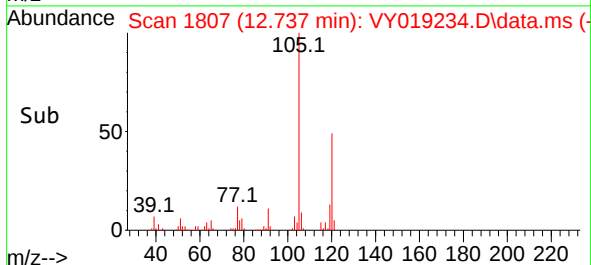
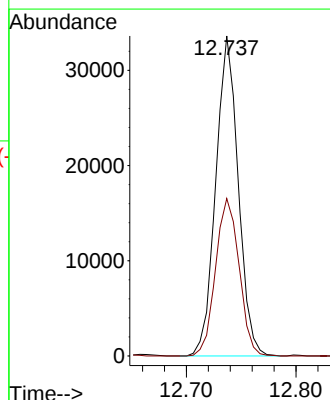
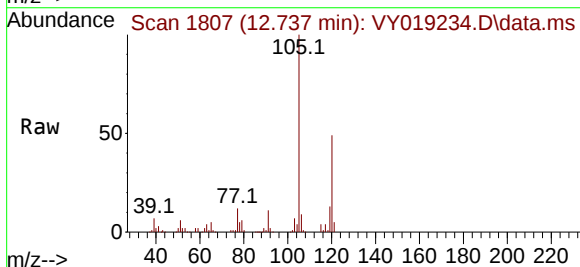
Acq: 22 Aug 2024 20:47

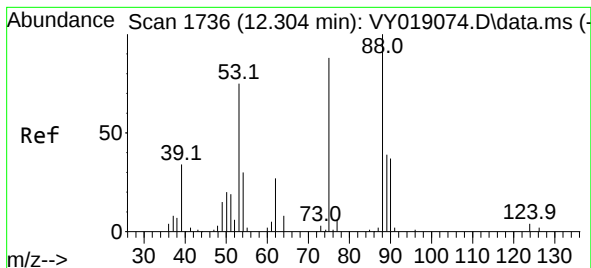
Tgt Ion:105 Resp: 47891

Ion Ratio Lower Upper

105 100

120 51.5 25.1 75.2

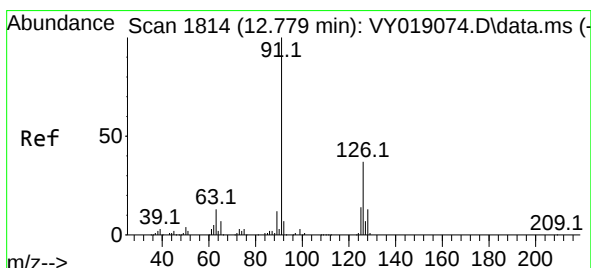
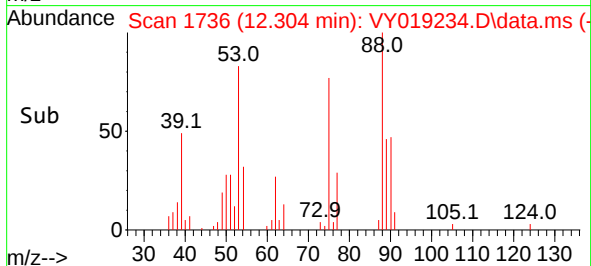
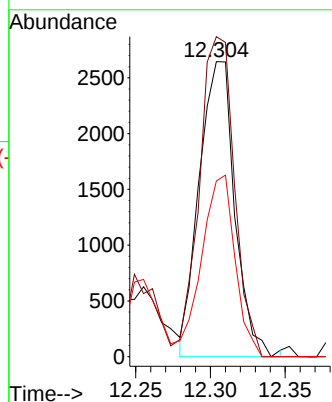
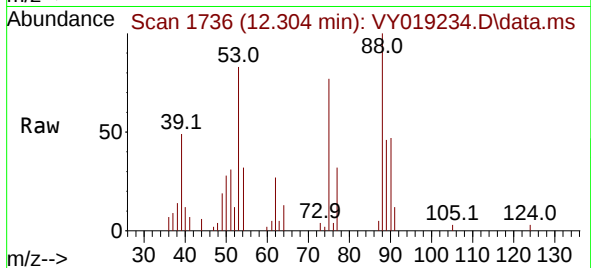




#81
trans-1,4-Dichloro-2-butene
Concen: 84.168 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

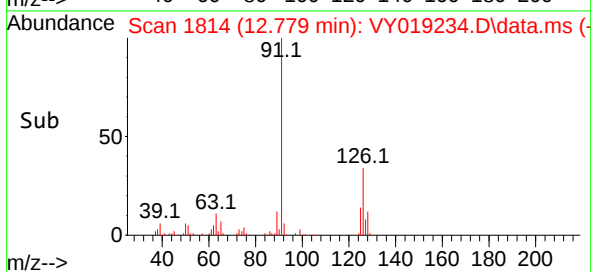
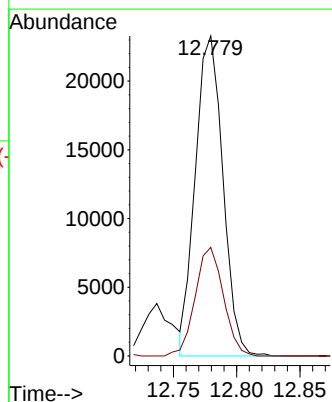
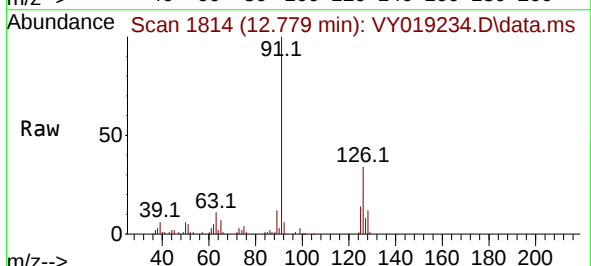
Instrument :
MSVOA_Y
ClientSampleId :

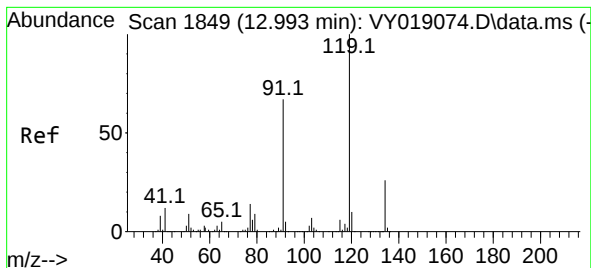
Tgt Ion: 75 Resp: 4376
Ion Ratio Lower Upper
75 100
53 107.1 66.8 100.2#
89 58.1 35.8 53.6#



#82
4-Chlorotoluene
Concen: 50.685 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019234.D
Acq: 22 Aug 2024 20:47

Tgt Ion: 91 Resp: 35268
Ion Ratio Lower Upper
91 100
126 34.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 77.925 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :

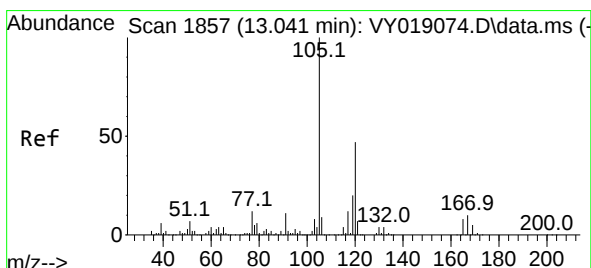
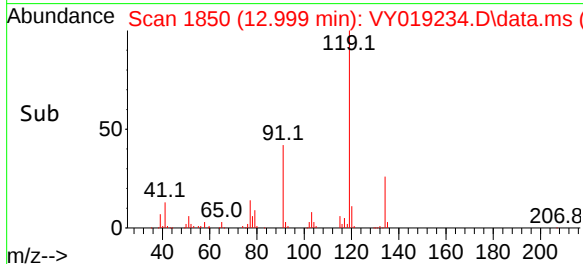
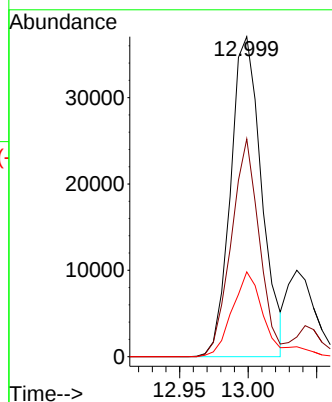
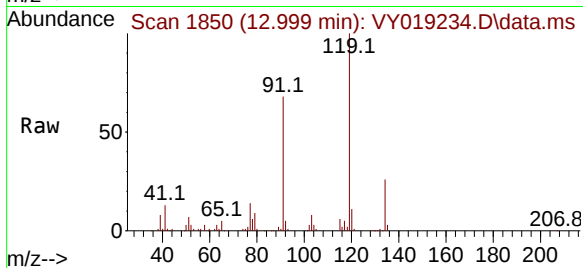
Tgt Ion:119 Resp: 58502

Ion Ratio Lower Upper

119 100

91 61.7 31.3 93.8

134 27.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 60.904 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019234.D

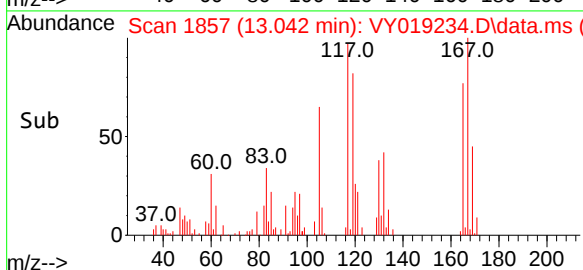
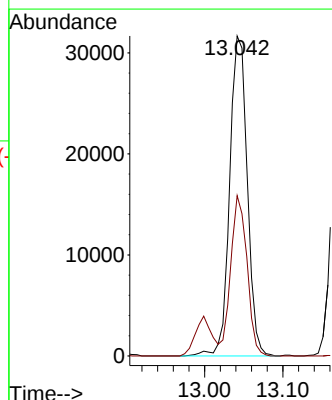
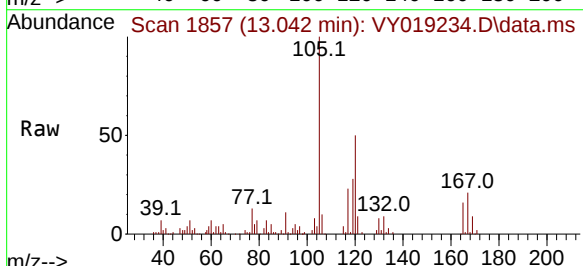
Acq: 22 Aug 2024 20:47

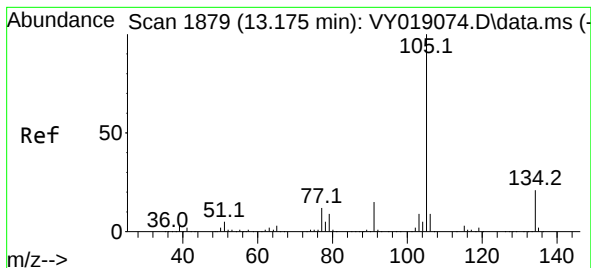
Tgt Ion:105 Resp: 49347

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 62.386 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

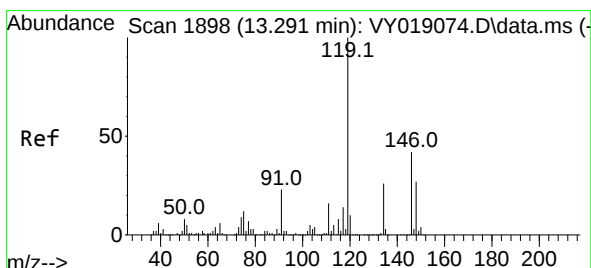
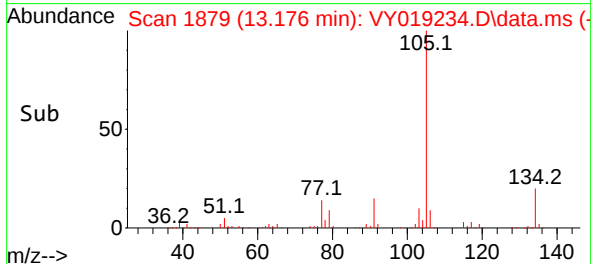
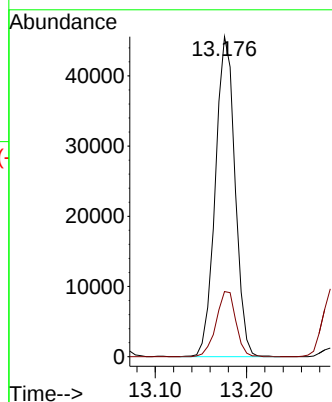
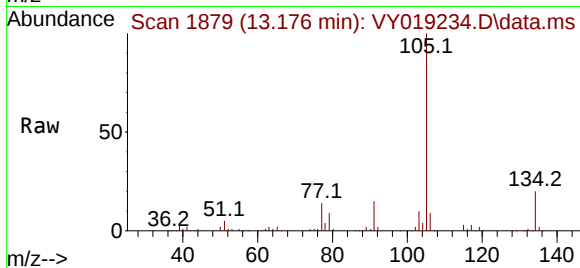
ClientSampleId :

Tgt Ion:105 Resp: 68253

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.373 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

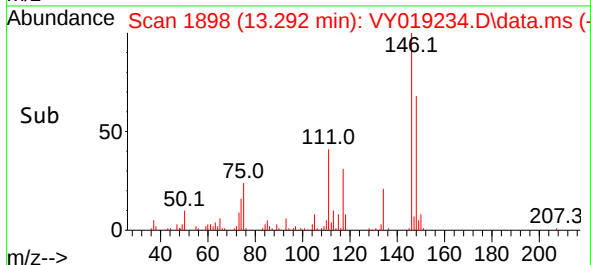
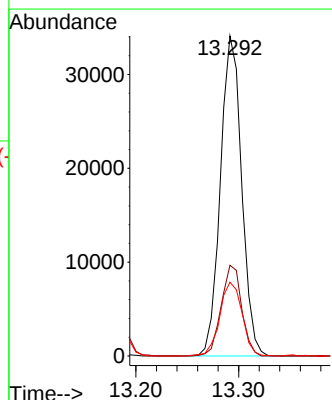
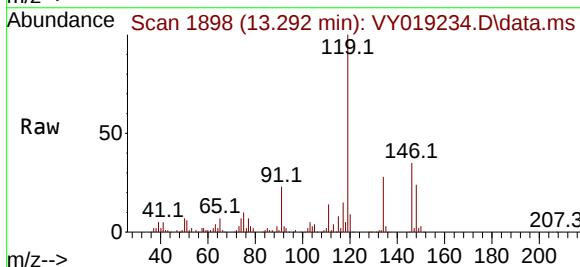
Tgt Ion:119 Resp: 48862

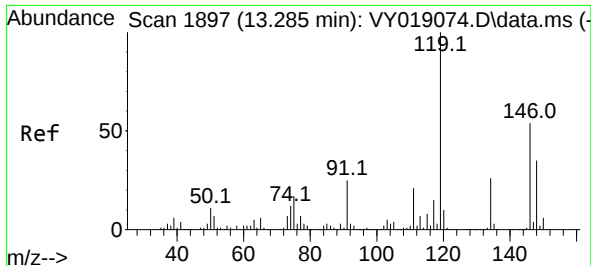
Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

91 24.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 42.039 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :

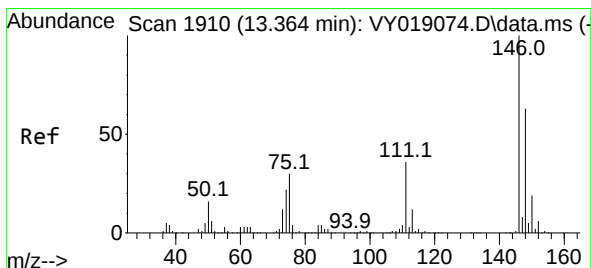
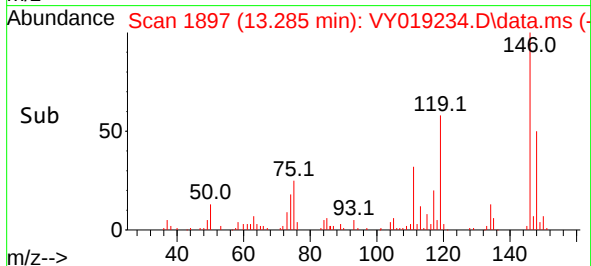
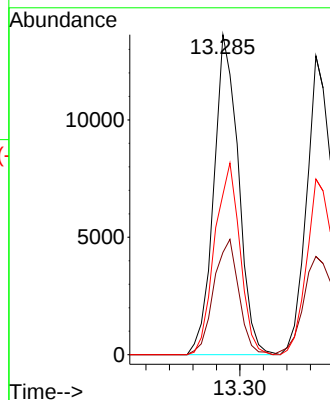
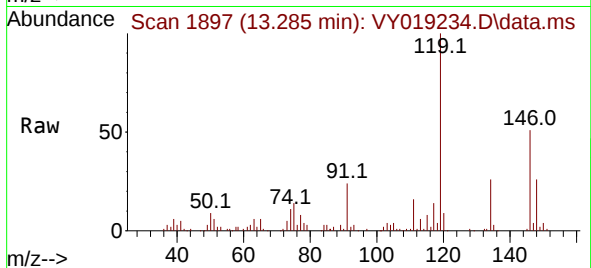
Tgt Ion:146 Resp: 19869

Ion Ratio Lower Upper

146 100

111 36.7 19.0 57.0

148 61.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 40.177 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

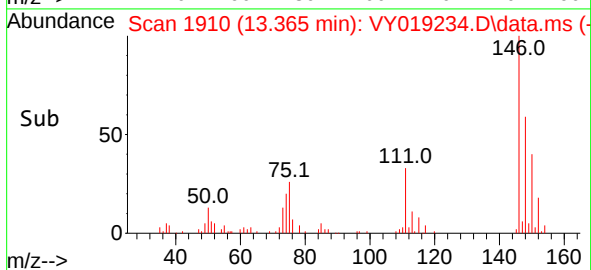
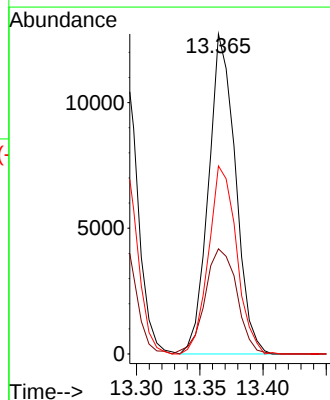
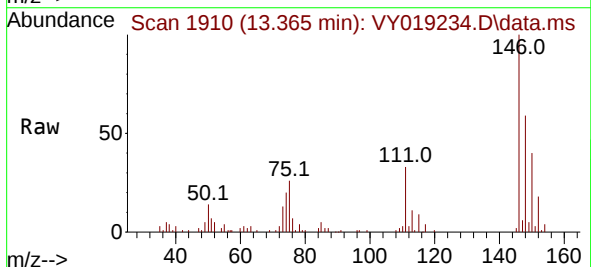
Tgt Ion:146 Resp: 18876

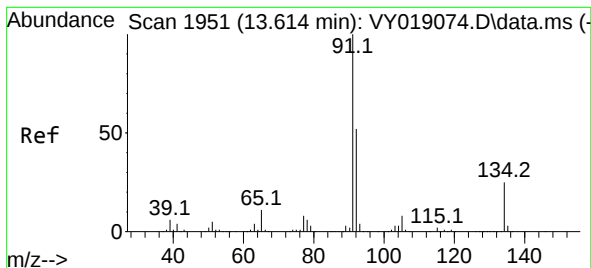
Ion Ratio Lower Upper

146 100

111 38.7 18.4 55.4

148 61.0 32.4 97.2





#89

n-Butylbenzene

Concen: 38.661 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY019234.D

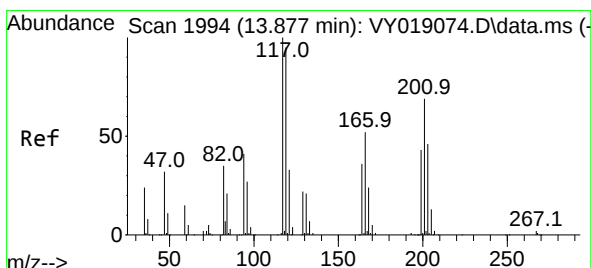
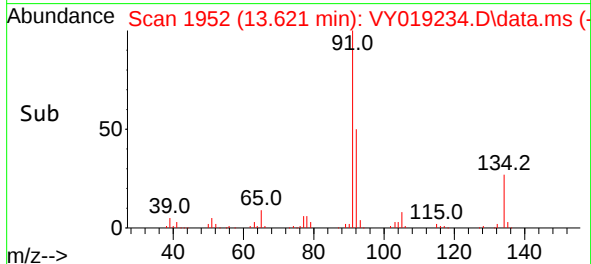
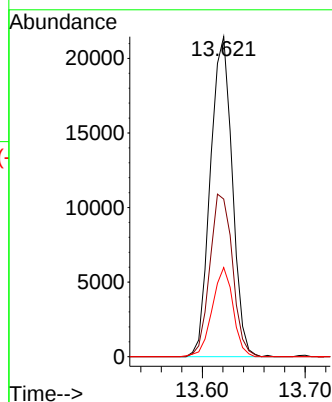
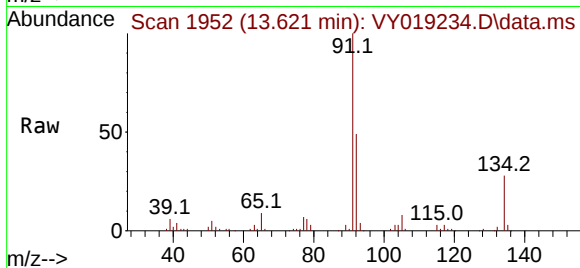
Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 31675
Ion Ratio	Lower Upper
91	100
92	52.8 26.6 79.7
134	26.6 12.9 38.7



#90

Hexachloroethane

Concen: 65.615 ug/l

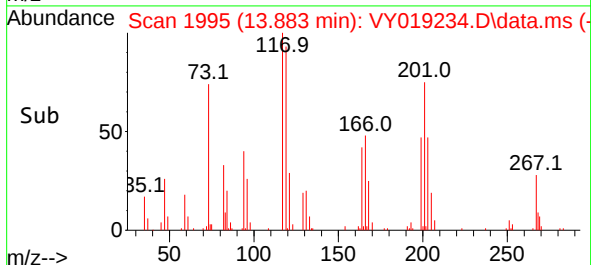
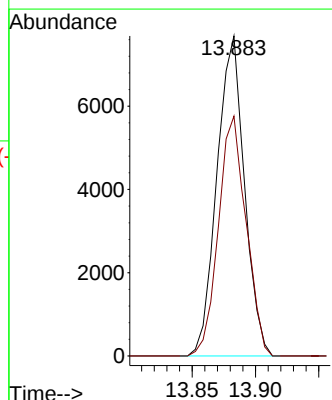
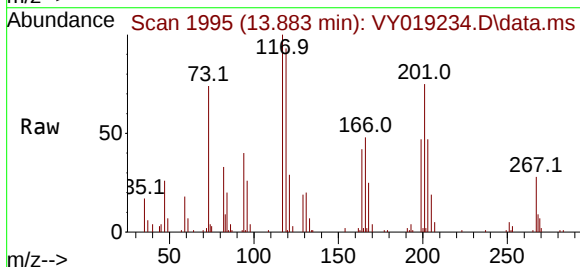
RT: 13.883 min Scan# 1995

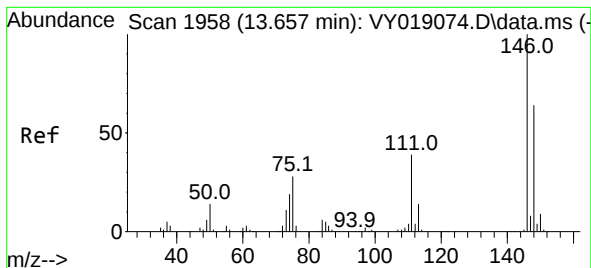
Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Tgt Ion: 117	Resp: 11622
Ion Ratio	Lower Upper
117	100
201	75.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 42.003 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :

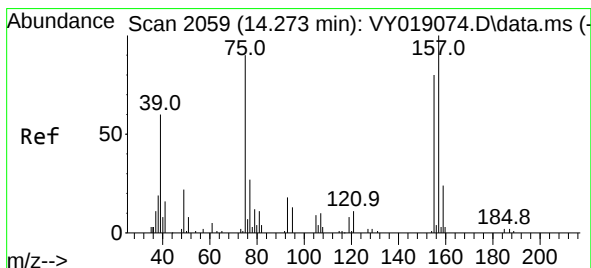
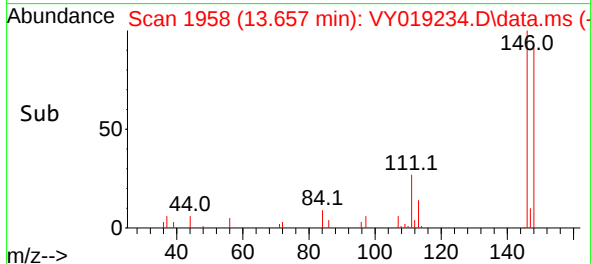
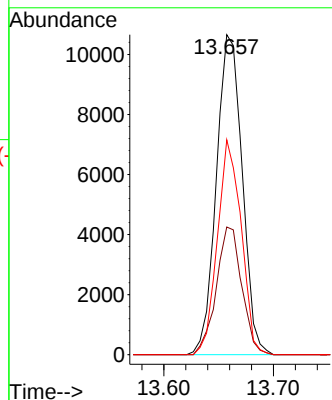
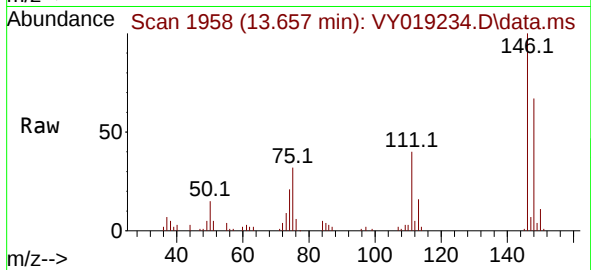
Tgt Ion:146 Resp: 17460

Ion Ratio Lower Upper

146 100

111 39.4 19.9 59.7

148 61.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 100.821 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

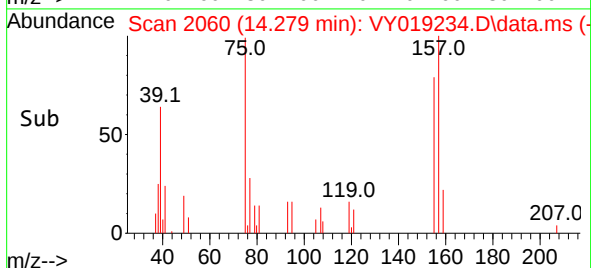
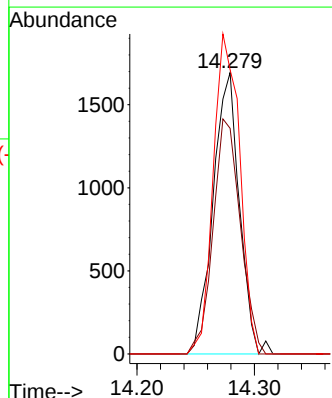
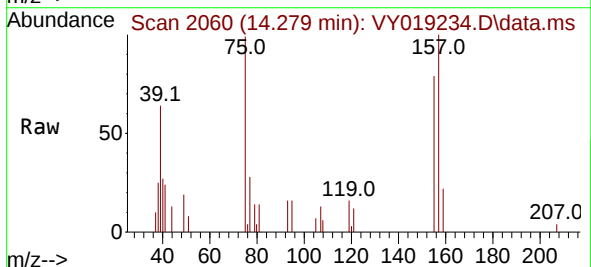
Tgt Ion: 75 Resp: 2635

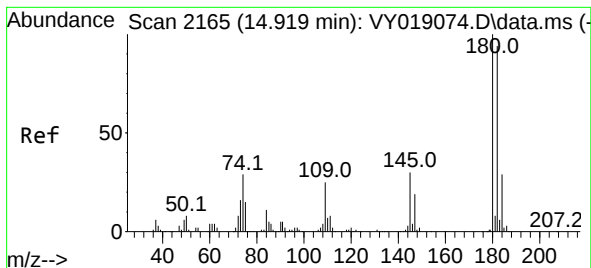
Ion Ratio Lower Upper

75 100

155 86.6 48.6 145.8

157 113.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 14.640 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :

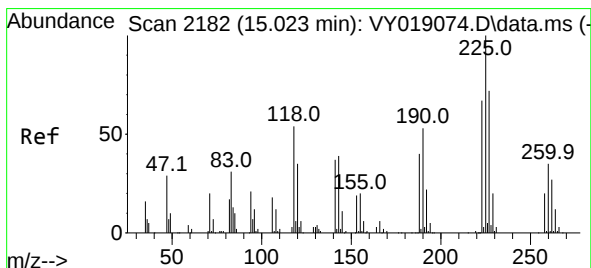
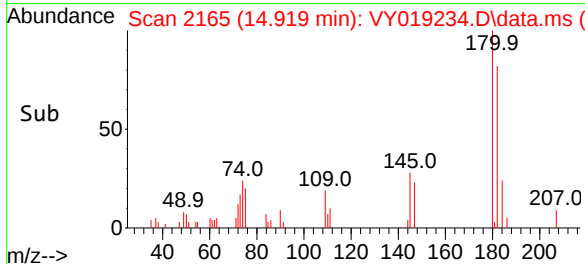
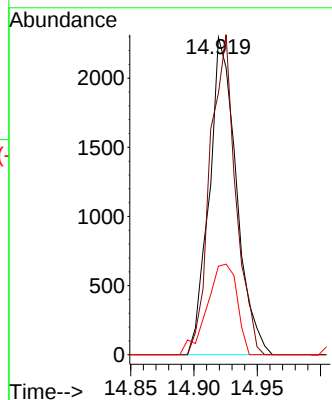
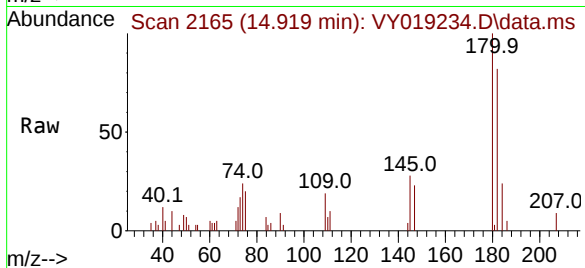
Tgt Ion:180 Resp: 3432

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.8

145 31.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 28.271 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

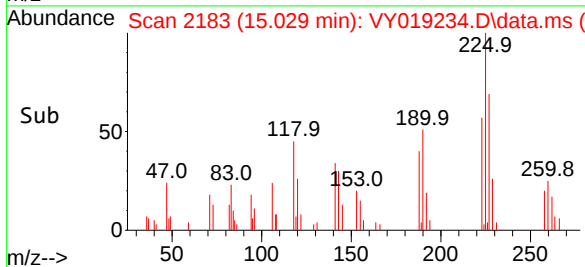
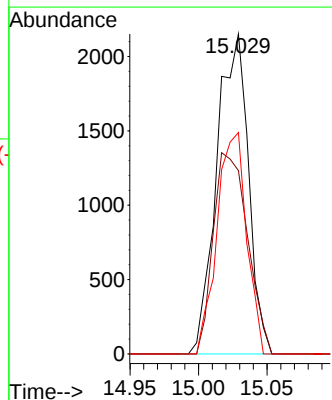
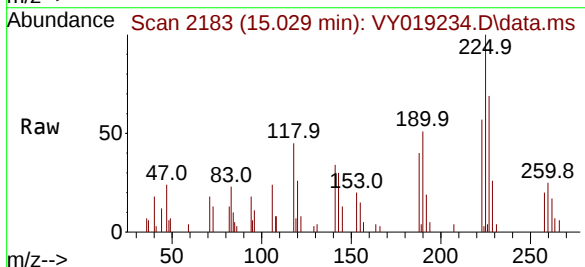
Tgt Ion:225 Resp: 3452

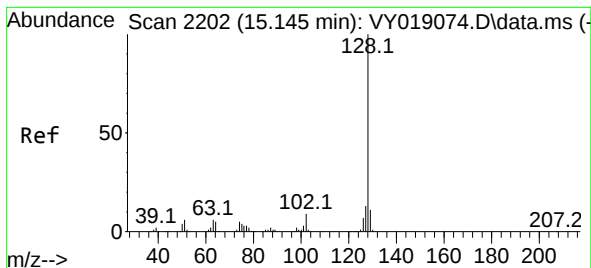
Ion Ratio Lower Upper

225 100

223 68.2 30.4 91.2

227 64.5 31.9 95.9





#95

Naphthalene

Concen: 15.768 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019234.D

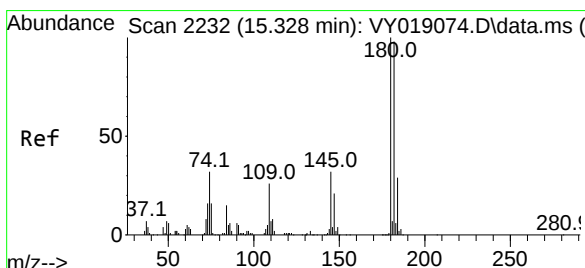
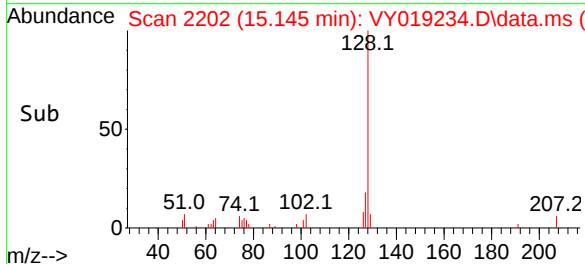
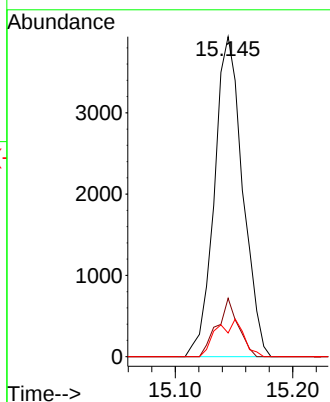
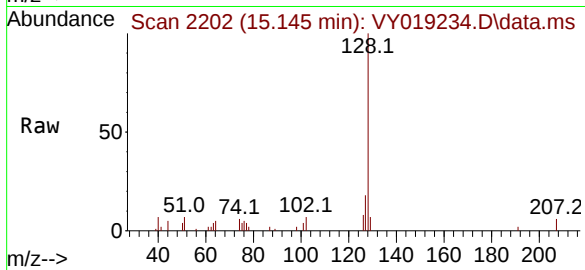
Acq: 22 Aug 2024 20:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	6597
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	11.1	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 12.680 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019234.D

Acq: 22 Aug 2024 20:47

Tgt Ion:	180	Resp:	2507
Ion	Ratio	Lower	Upper
180	100		
182	101.3	47.6	142.9
145	32.5	15.4	46.1

