

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019164.D
 Acq On : 20 Aug 2024 20:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 8.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 21 01:35:27 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	111204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	178927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	160056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	78209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	53564	48.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.100%
35) Dibromofluoromethane	7.622	113	56942	48.671	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.340%
50) Toluene-d8	10.103	98	215821	51.262	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.520%
62) 4-Bromofluorobenzene	12.408	95	71419	49.761	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	99.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	32078	39.317	ug/l	99
3) Chloromethane	2.068	50	61762	41.997	ug/l	96
4) Vinyl Chloride	2.202	62	80936	44.555	ug/l	98
5) Bromomethane	2.592	94	62085	56.777	ug/l	99
6) Chloroethane	2.732	64	55472	47.823	ug/l	99
7) Trichlorofluoromethane	3.050	101	113930	41.484	ug/l	95
8) Diethyl Ether	3.452	74	26863	45.315	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	53159	43.539	ug/l	98
10) Methyl Iodide	4.001	142	59514	49.730	ug/l	93
11) Tert butyl alcohol	4.848	59	21112	216.749	ug/l #	83
12) 1,1-Dichloroethene	3.781	96	50183	45.240	ug/l	99
13) Acrolein	3.647	56	16994	198.961	ug/l	98
14) Allyl chloride	4.372	41	67956	46.078	ug/l	94
15) Acrylonitrile	5.043	53	57995	239.097	ug/l	97
16) Acetone	3.860	43	42816	207.110	ug/l	87
17) Carbon Disulfide	4.098	76	144494	46.183	ug/l	99
18) Methyl Acetate	4.366	43	29668	46.760	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	126123	46.898	ug/l	98
20) Methylene Chloride	4.604	84	60814	46.690	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	58399	47.123	ug/l	96
22) Diisopropyl ether	6.006	45	157772	46.731	ug/l	94
23) Vinyl Acetate	5.951	43	629953	235.674	ug/l	97
24) 1,1-Dichloroethane	5.909	63	94747	45.889	ug/l	98
25) 2-Butanone	6.884	43	74534	223.871	ug/l	89
26) 2,2-Dichloropropane	6.878	77	68306	40.853	ug/l	100
27) cis-1,2-Dichloroethene	6.878	96	69589	47.715	ug/l	98
28) Bromochloromethane	7.238	49	42693	49.293	ug/l	98
29) Tetrahydrofuran	7.250	42	50212	234.615	ug/l	95
30) Chloroform	7.408	83	110309	47.946	ug/l	98
31) Cyclohexane	7.695	56	76785	47.982	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	94838	46.906	ug/l	97
36) 1,1-Dichloropropene	7.829	75	74905	46.625	ug/l	98
37) Ethyl Acetate	6.976	43	35399	49.734	ug/l	98
38) Carbon Tetrachloride	7.811	117	87038	46.750	ug/l	98
39) Methylcyclohexane	9.103	83	92791	45.009	ug/l	95
40) Benzene	8.073	78	235374	47.771	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	47854	123.180	ug/l #	25
42) 1,2-Dichloroethane	8.146	62	61374	46.128	ug/l	98
43) Isopropyl Acetate	8.189	43	66481	46.184	ug/l #	83
44) Trichloroethene	8.859	130	62102	45.171	ug/l	96
45) 1,2-Dichloropropane	9.134	63	50475	45.979	ug/l	96
46) Dibromomethane	9.225	93	34468	48.409	ug/l	98
47) Bromodichloromethane	9.420	83	84053	48.117	ug/l	99
48) Methyl methacrylate	9.213	41	31002	48.326	ug/l	90
49) 1,4-Dioxane	9.219	88	8154	945.384	ug/l #	97
51) 4-Methyl-2-Pentanone	9.993	43	184490	241.475	ug/l	95
52) Toluene	10.170	92	156178	48.288	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	68796	47.476	ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	80476	46.179	ug/l #	90
55) 1,1,2-Trichloroethane	10.573	97	43924	47.921	ug/l	96
56) Ethyl methacrylate	10.438	69	56833	47.371	ug/l #	85
57) 1,3-Dichloropropane	10.713	76	71695	47.982	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	151641	266.431	ug/l	95
59) 2-Hexanone	10.762	43	123716	235.698	ug/l	93
60) Dibromochloromethane	10.908	129	61394	49.177	ug/l	98
61) 1,2-Dibromoethane	11.011	107	43875	49.524	ug/l	98
64) Tetrachloroethene	10.646	164	68086	48.667	ug/l	98
65) Chlorobenzene	11.444	112	173277	47.016	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	61227	47.241	ug/l	97
67) Ethyl Benzene	11.518	91	305144	47.703	ug/l	99
68) m/p-Xylenes	11.627	106	241278	95.060	ug/l	100
69) o-Xylene	11.956	106	112441	47.838	ug/l	99
70) Styrene	11.969	104	195852	48.863	ug/l	98
71) Bromoform	12.133	173	36616	49.422	ug/l #	96
73) Isopropylbenzene	12.255	105	293482	48.960	ug/l	100
74) N-amyl acetate	12.072	43	61682	47.190	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	49229	46.130	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	62739	81.344	ug/l #	100
77) Bromobenzene	12.536	156	69461	48.250	ug/l	95
78) n-propylbenzene	12.597	91	342784	47.836	ug/l	100
79) 2-Chlorotoluene	12.682	91	193789	48.237	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	238785	48.898	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	14323	45.863	ug/l	89
82) 4-Chlorotoluene	12.779	91	197841	47.333	ug/l	98
83) tert-Butylbenzene	12.999	119	216063	47.911	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	233773	48.032	ug/l	100
85) sec-Butylbenzene	13.176	105	313372	47.685	ug/l	99
86) p-Isopropyltoluene	13.292	119	261830	48.505	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	136607	48.117	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	134608	47.697	ug/l	98
89) n-Butylbenzene	13.621	91	228366	46.402	ug/l	99
90) Hexachloroethane	13.883	117	52736	49.566	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	117721	47.146	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6750	42.996	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	60274	42.804	ug/l	98
94) Hexachlorobutadiene	15.029	225	33197	45.261	ug/l	98
95) Naphthalene	15.151	128	115228	45.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	53950	45.426	ug/l	99

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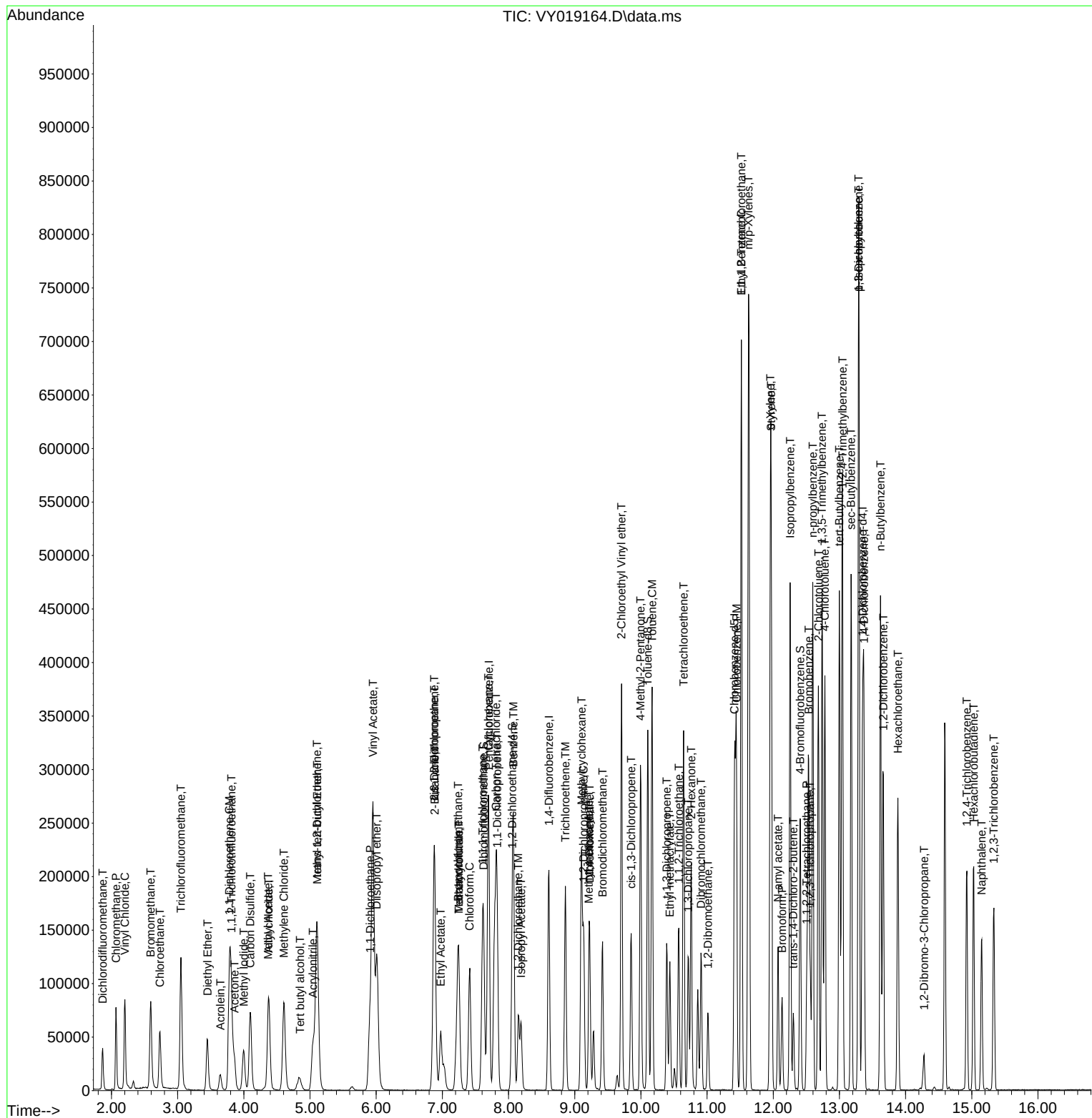
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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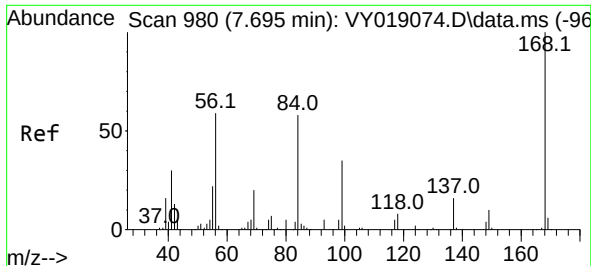
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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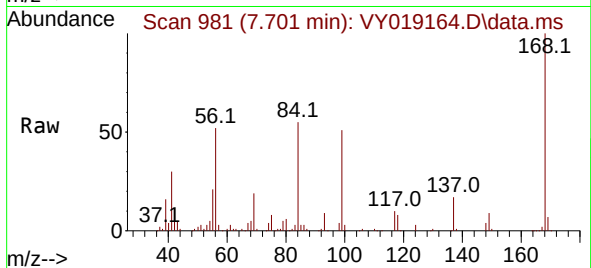
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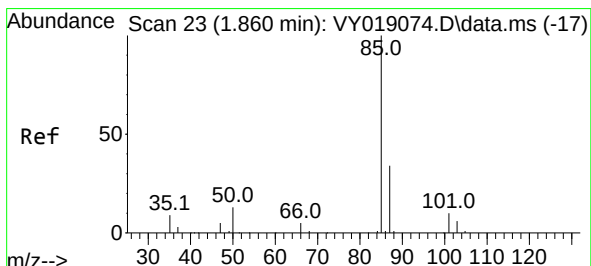
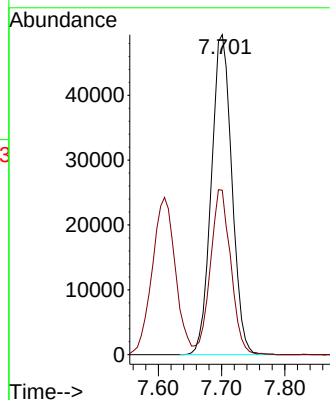
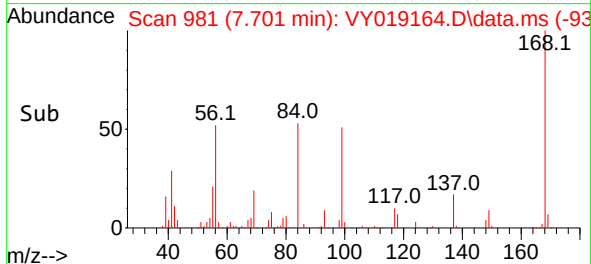


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
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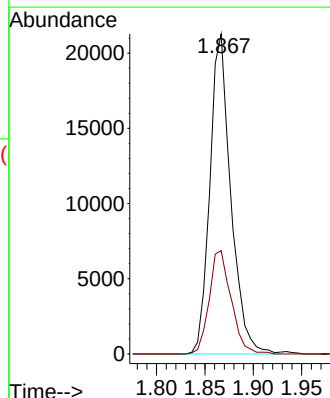
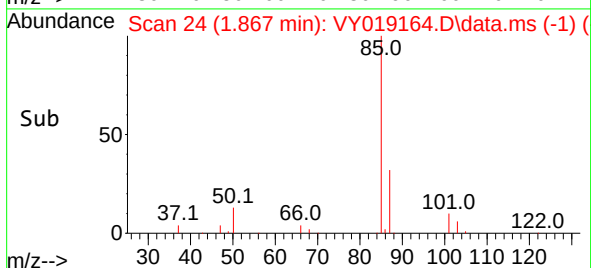
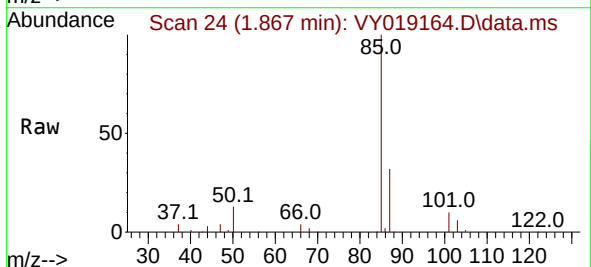


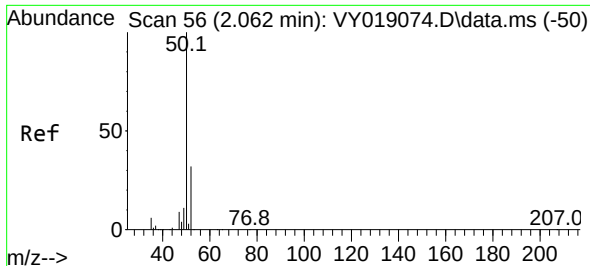
Tgt Ion:168 Resp: 111204
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 39.317 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Tgt Ion: 85 Resp: 32078
Ion Ratio Lower Upper
85 100
87 32.3 16.0 48.0

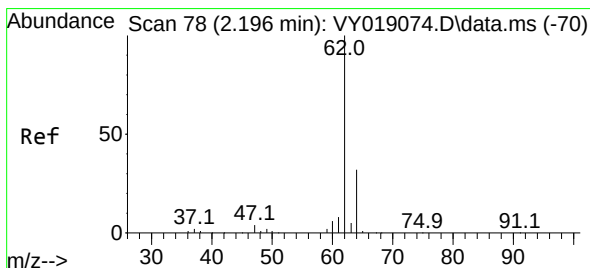
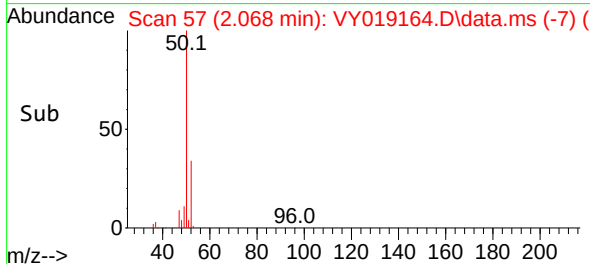
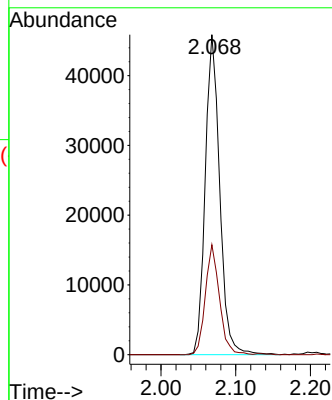
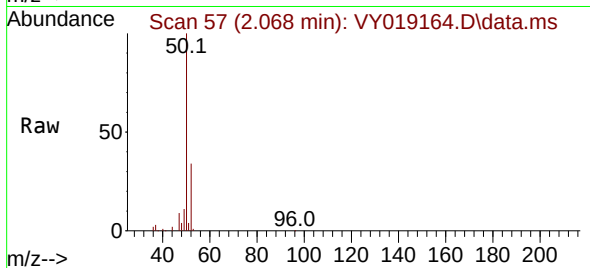




#3
Chloromethane
Concen: 41.997 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

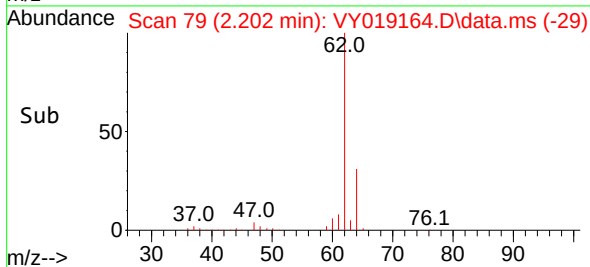
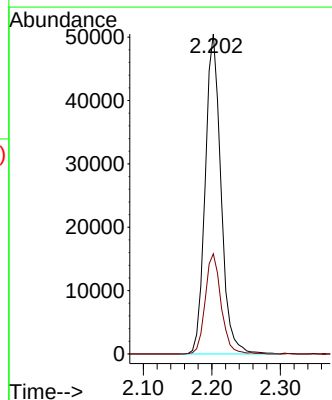
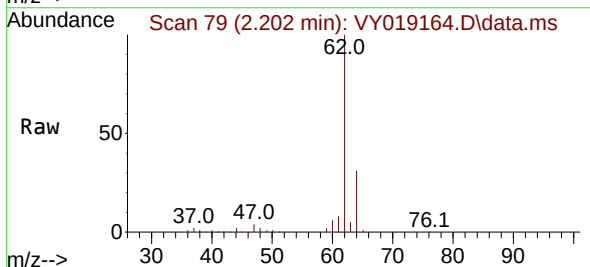
Instrument :
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ClientSampleId :

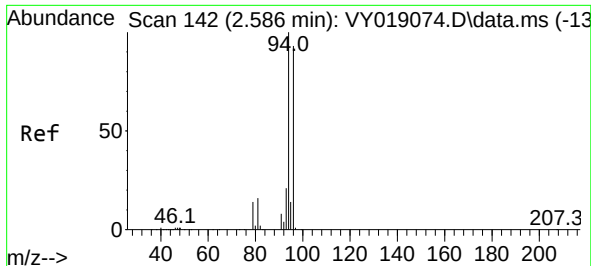
Tgt Ion: 50 Resp: 61762
Ion Ratio Lower Upper
50 100
52 34.3 25.6 38.4



#4
Vinyl Chloride
Concen: 44.555 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Tgt Ion: 62 Resp: 80936
Ion Ratio Lower Upper
62 100
64 31.3 26.1 39.1

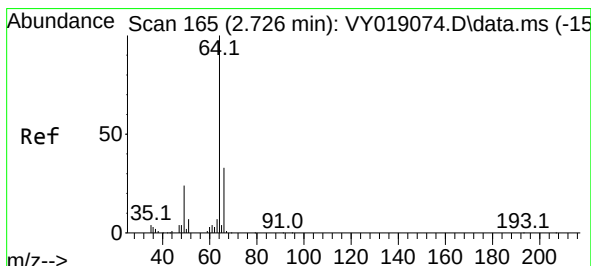
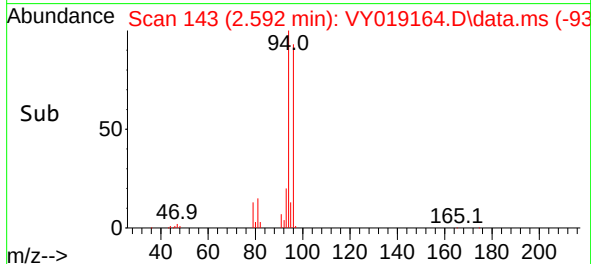
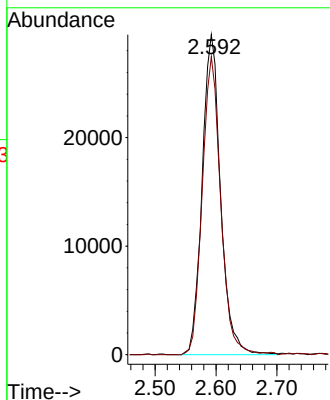
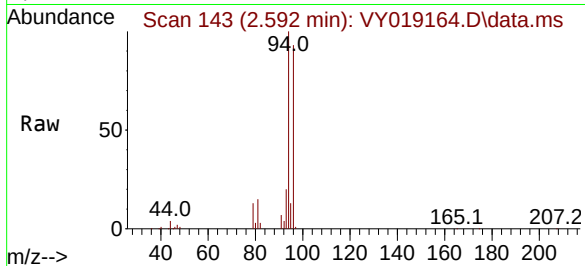




#5
Bromomethane
Concen: 56.777 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

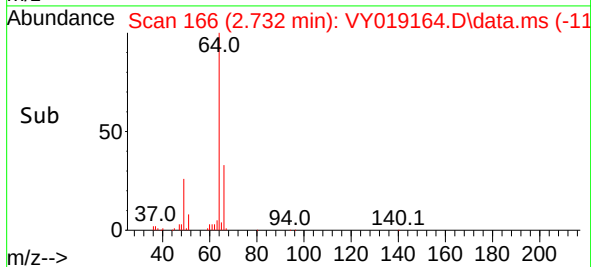
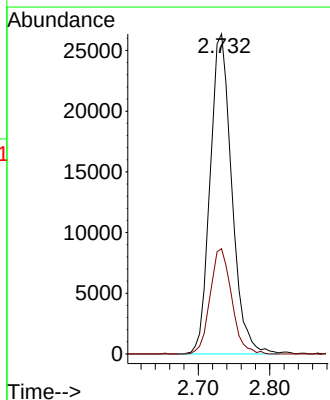
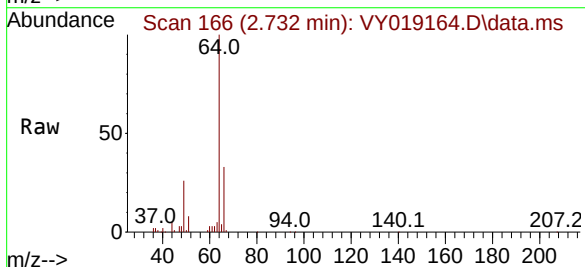
Instrument :
MSVOA_Y
ClientSampleId :

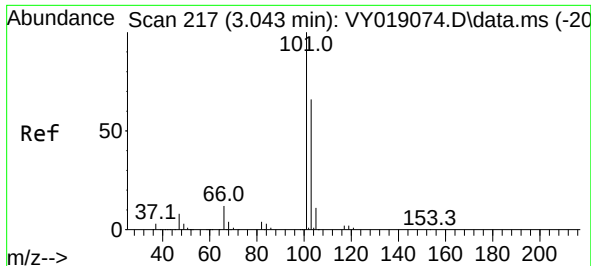
Tgt Ion: 94 Resp: 62085
Ion Ratio Lower Upper
94 100
96 93.1 74.1 111.1



#6
Chloroethane
Concen: 47.823 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY019164.D
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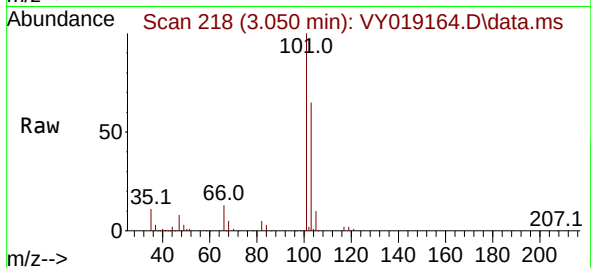
Tgt Ion: 64 Resp: 55472
Ion Ratio Lower Upper
64 100
66 32.9 26.1 39.1



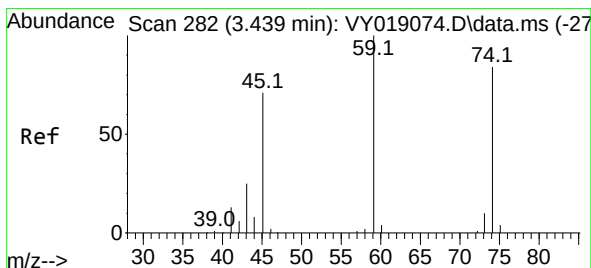
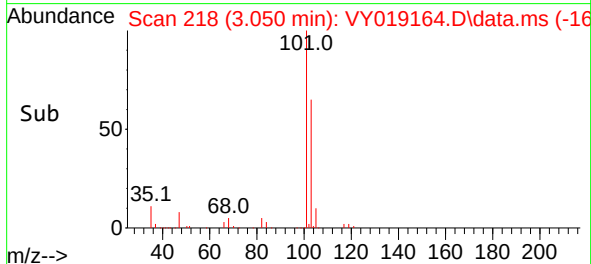
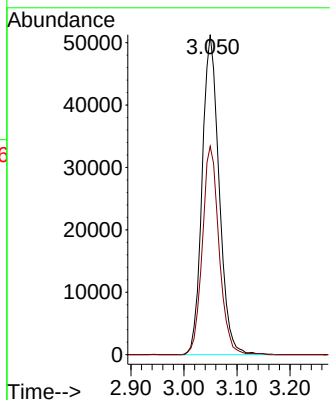


#7
Trichlorofluoromethane
Concen: 41.484 ug/l
RT: 3.050 min Scan# 217
Delta R.T. 0.006 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

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ClientSampleId :

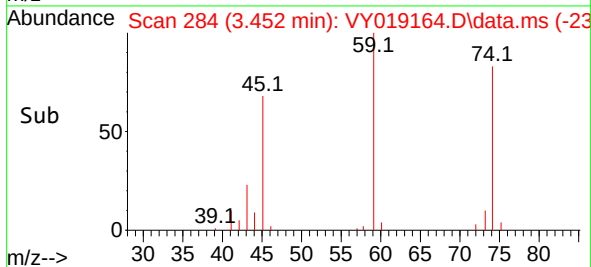
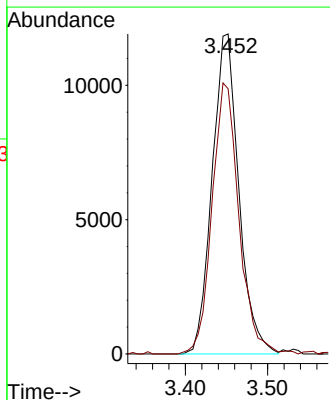
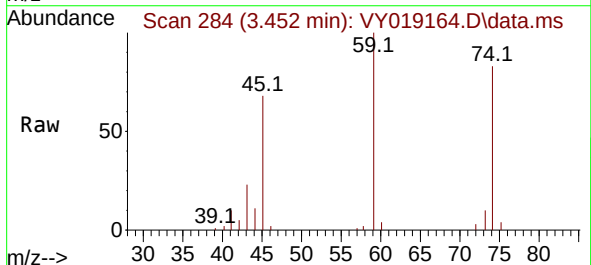


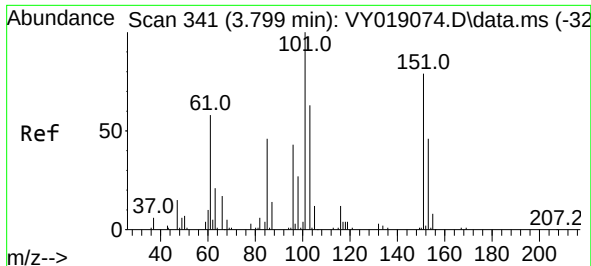
Tgt Ion:101 Resp: 113930
Ion Ratio Lower Upper
101 100
103 65.1 49.3 73.9



#8
Diethyl Ether
Concen: 45.315 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Tgt Ion: 74 Resp: 26863
Ion Ratio Lower Upper
74 100
45 85.4 41.3 124.1

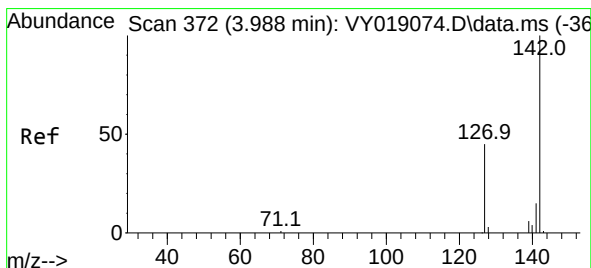
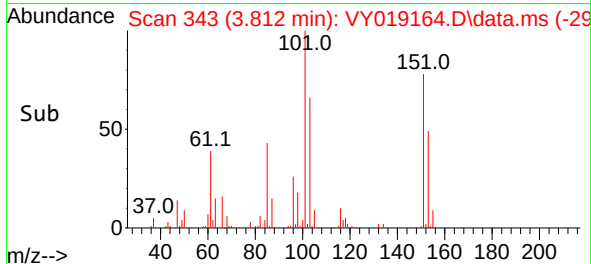
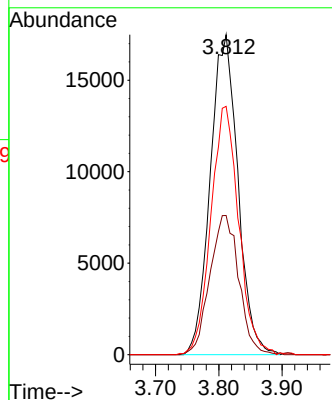
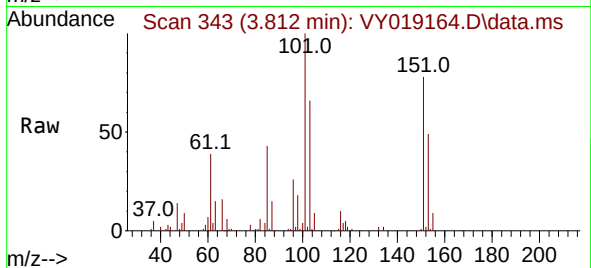




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.539 ug/l
RT: 3.812 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

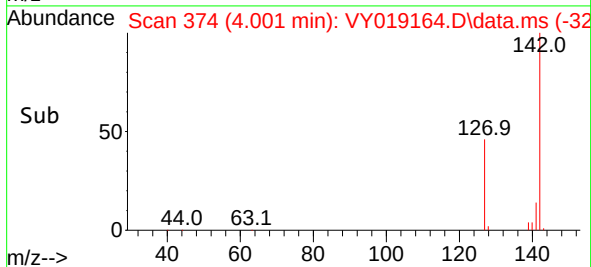
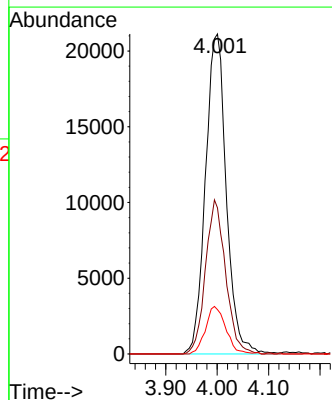
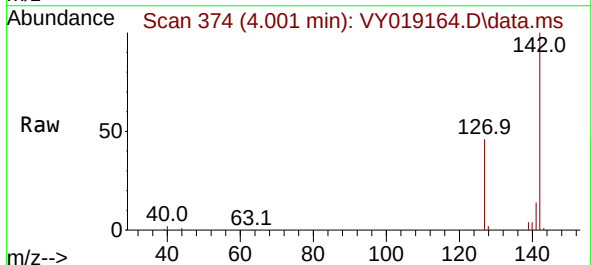
Instrument :
MSVOA_Y
ClientSampleId :

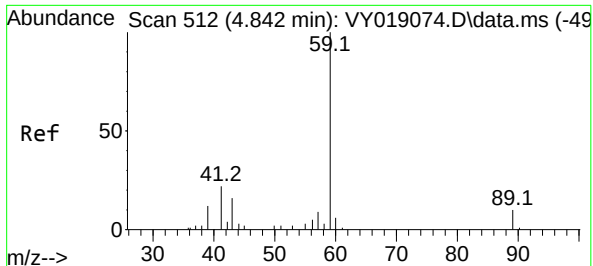
Tgt Ion:101 Resp: 53159
Ion Ratio Lower Upper
101 100
85 45.6 34.5 51.7
151 78.0 61.7 92.5



#10
Methyl Iodide
Concen: 49.730 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Tgt Ion:142 Resp: 59514
Ion Ratio Lower Upper
142 100
127 46.5 32.8 49.2
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 216.749 ug/l

RT: 4.848 min Scan# 512

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

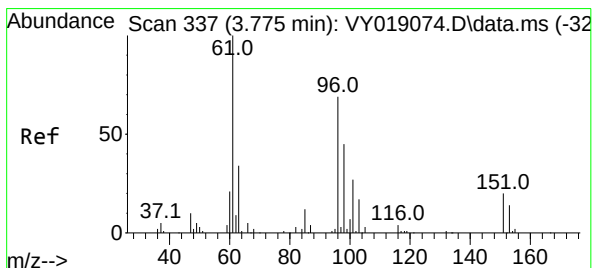
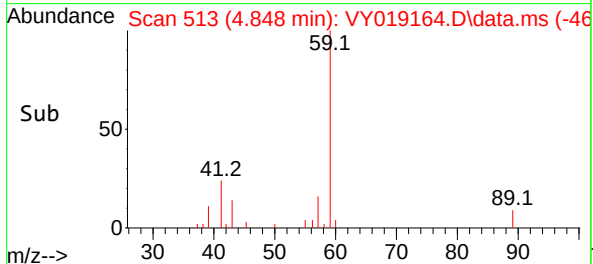
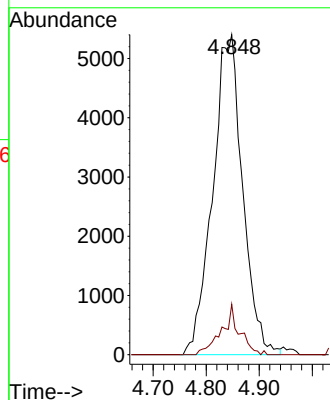
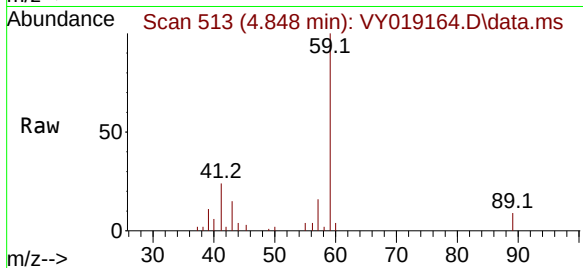
ClientSampleId :

Tgt Ion: 59 Resp: 21112

Ion Ratio Lower Upper

59 100

57 9.4 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 45.240 ug/l

RT: 3.781 min Scan# 338

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

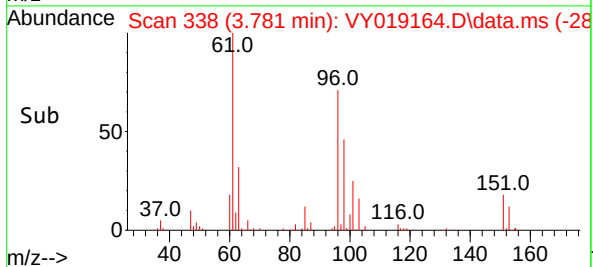
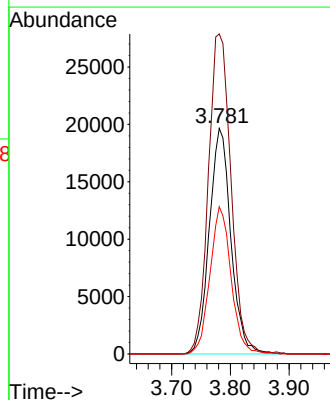
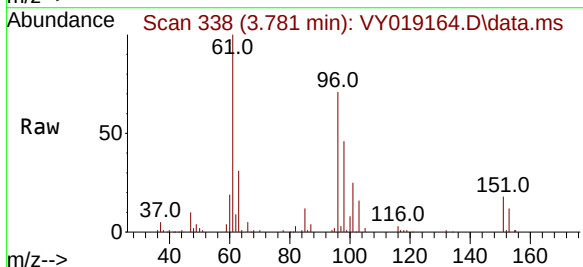
Tgt Ion: 96 Resp: 50183

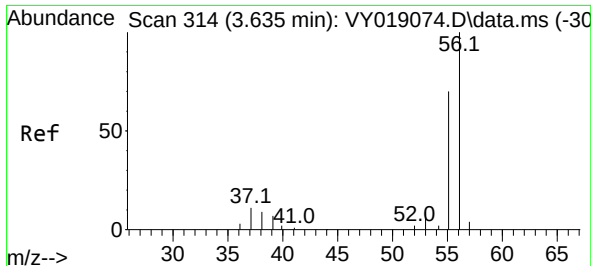
Ion Ratio Lower Upper

96 100

61 141.8 114.6 171.8

98 65.2 50.8 76.2





#13

Acrolein

Concen: 198.961 ug/l

RT: 3.647 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

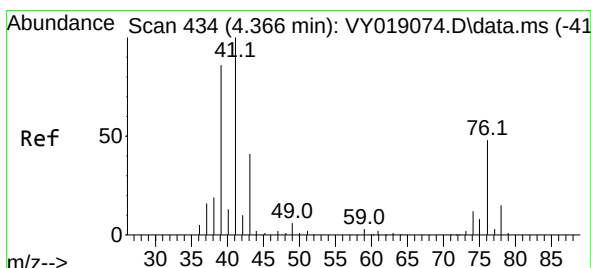
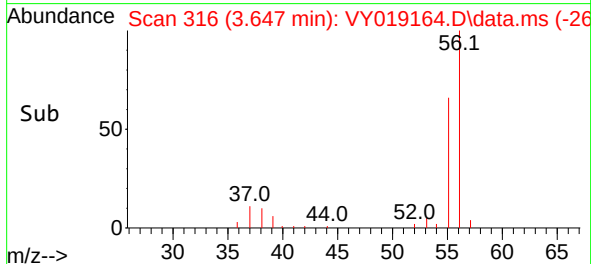
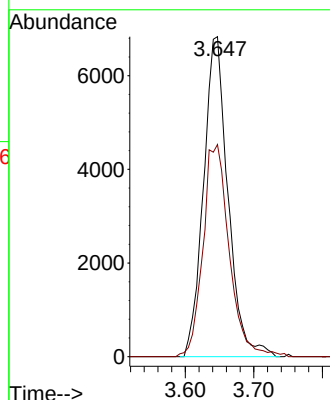
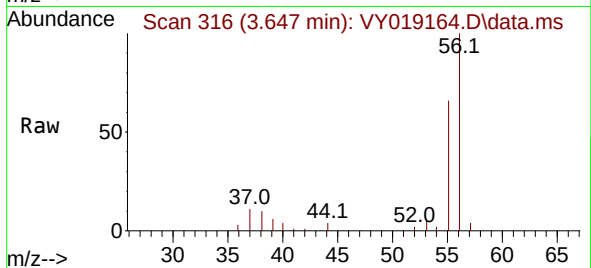
ClientSampleId :

Tgt Ion: 56 Resp: 16994

Ion Ratio Lower Upper

56 100

55 71.1 55.7 83.5



#14

Allyl chloride

Concen: 46.078 ug/l

RT: 4.372 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

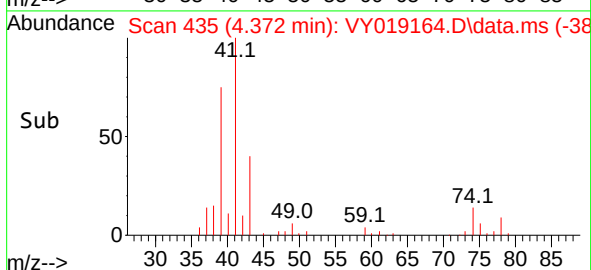
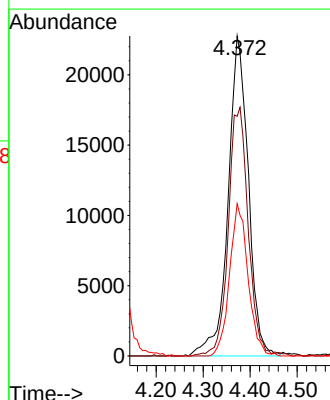
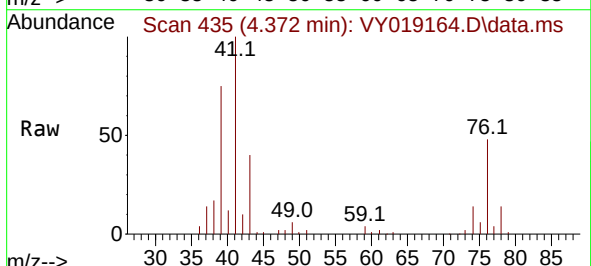
Tgt Ion: 41 Resp: 67956

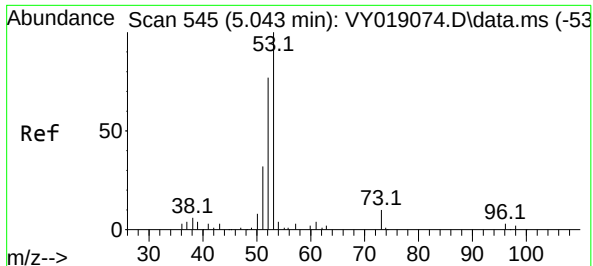
Ion Ratio Lower Upper

41 100

39 76.3 58.3 87.5

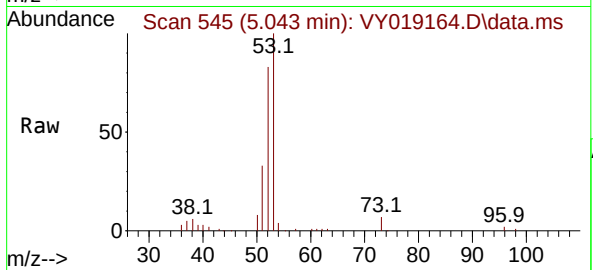
76 43.5 39.0 58.6



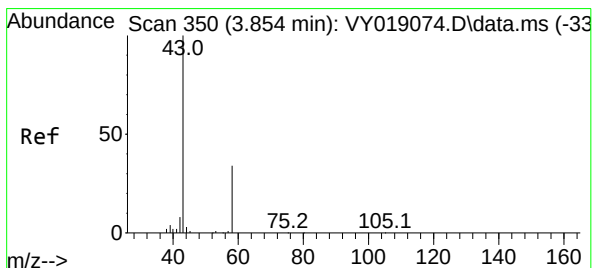
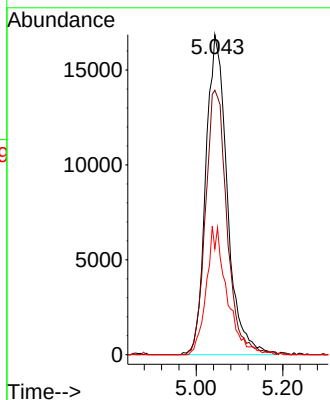
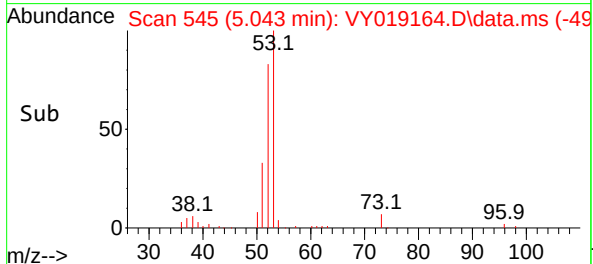


#15
Acrylonitrile
Concen: 239.097 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Instrument :
MSVOA_Y
ClientSampleId :

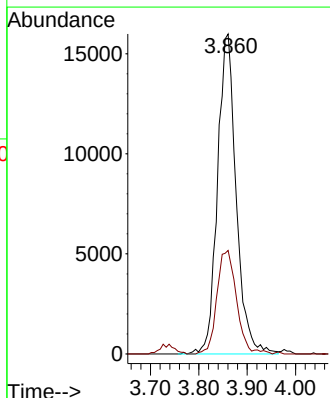
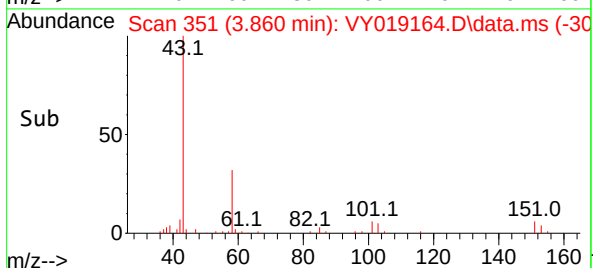
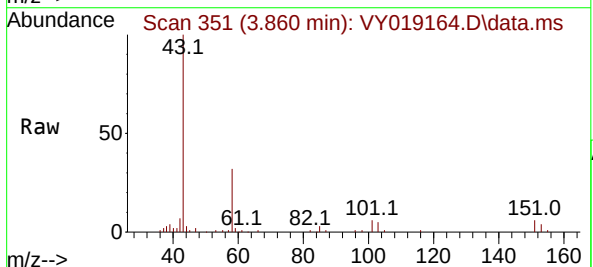


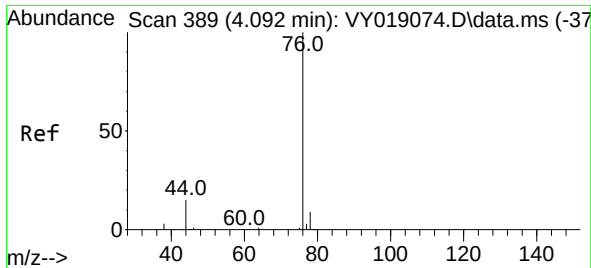
Tgt Ion: 53 Resp: 57995
Ion Ratio Lower Upper
53 100
52 83.0 64.7 97.1
51 38.8 28.4 42.6



#16
Acetone
Concen: 207.110 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Tgt Ion: 43 Resp: 42816
Ion Ratio Lower Upper
43 100
58 31.7 31.7 47.5





#17

Carbon Disulfide

Concen: 46.183 ug/l

RT: 4.098 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

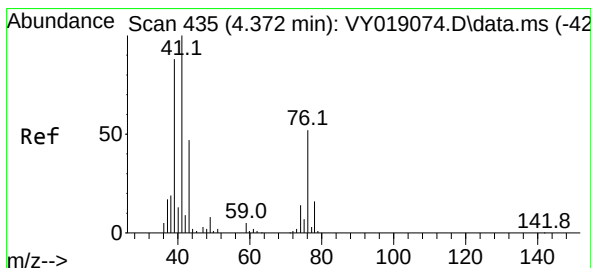
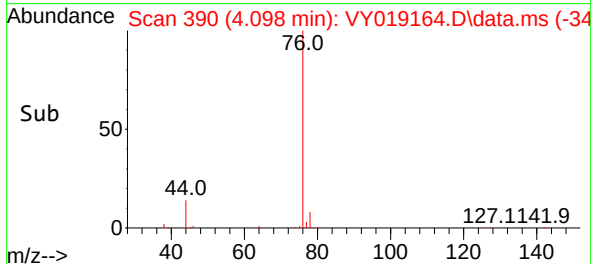
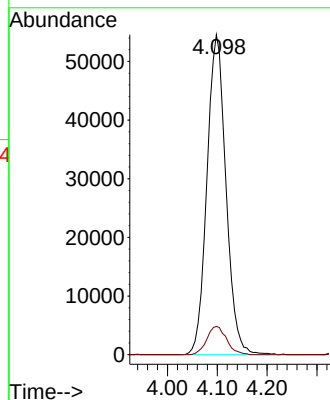
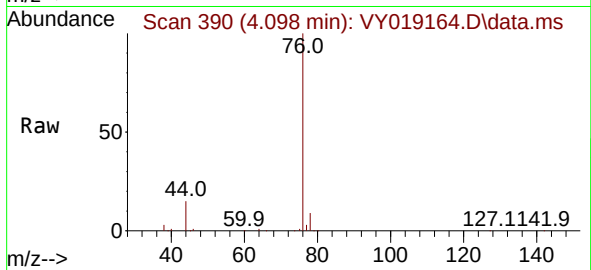
ClientSampleId :

Tgt Ion: 76 Resp: 144494

Ion Ratio Lower Upper

76 100

78 8.9 6.8 10.2



#18

Methyl Acetate

Concen: 46.760 ug/l

RT: 4.366 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY019164.D

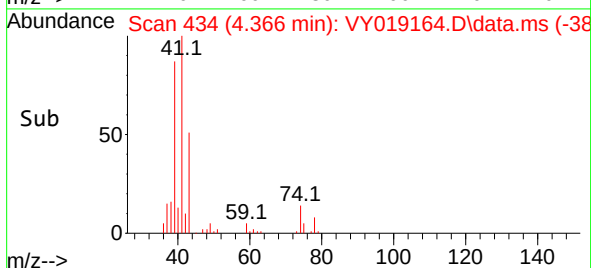
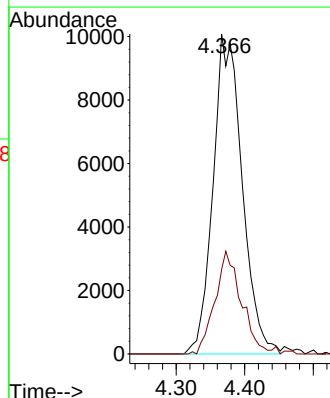
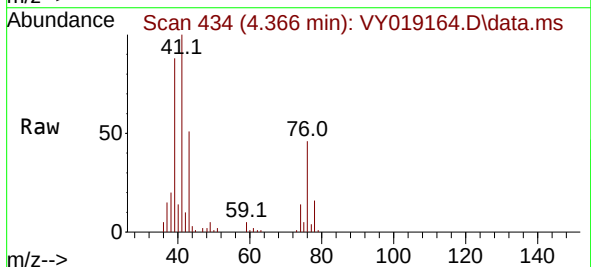
Acq: 20 Aug 2024 20:29

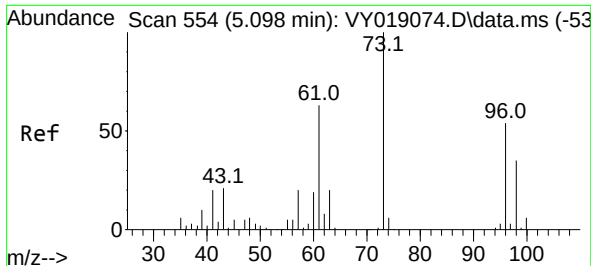
Tgt Ion: 43 Resp: 29668

Ion Ratio Lower Upper

43 100

74 29.5 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 46.898 ug/l

RT: 5.110 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

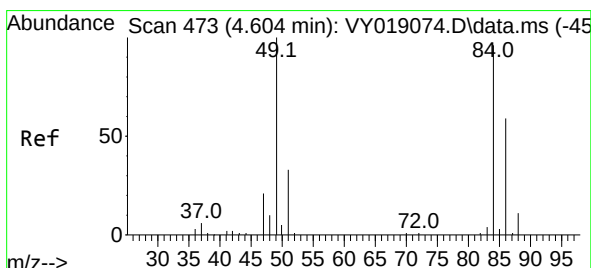
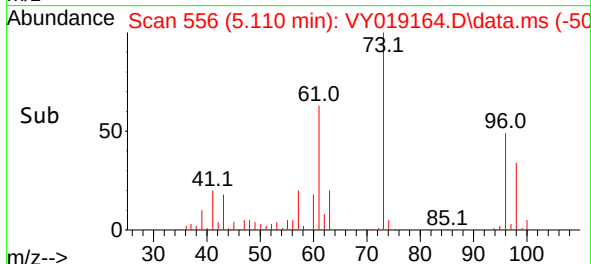
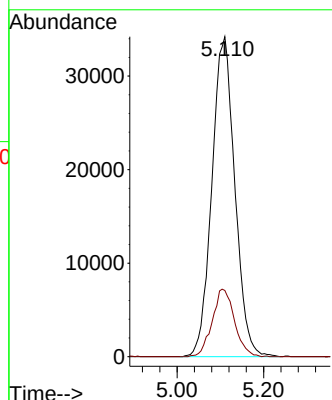
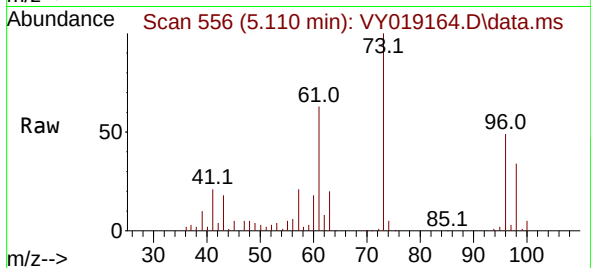
ClientSampleId :

Tgt Ion: 73 Resp: 126123

Ion Ratio Lower Upper

73 100

57 20.7 17.3 25.9



#20

Methylene Chloride

Concen: 46.690 ug/l

RT: 4.604 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Tgt Ion: 84 Resp: 60814

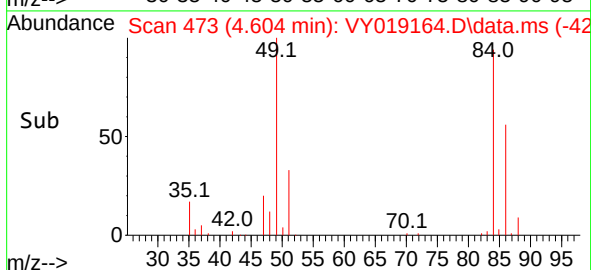
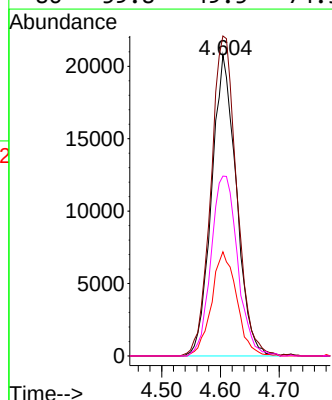
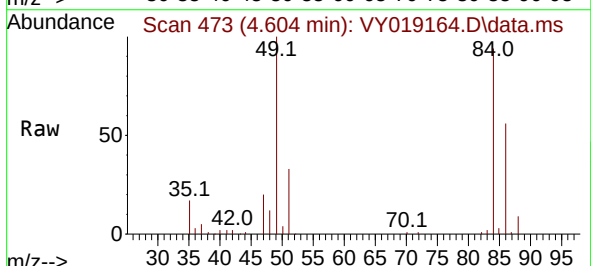
Ion Ratio Lower Upper

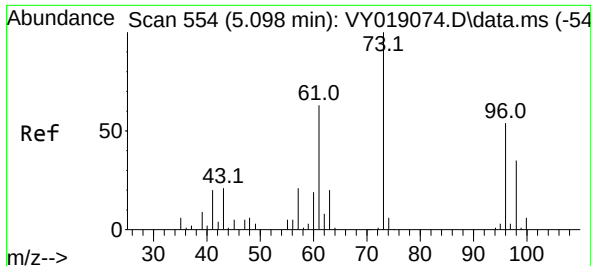
84 100

49 106.4 84.4 126.6

51 34.6 26.0 39.0

86 59.8 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 47.123 ug/l

RT: 5.104 min Scan# 51

Delta R.T. 0.006 min

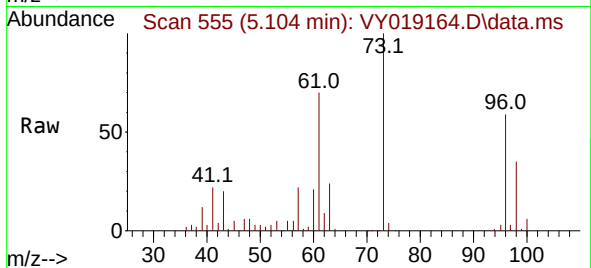
Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

ClientSampleId :



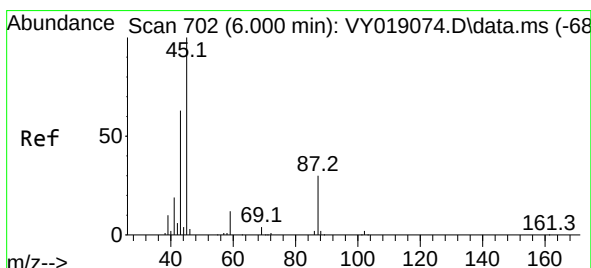
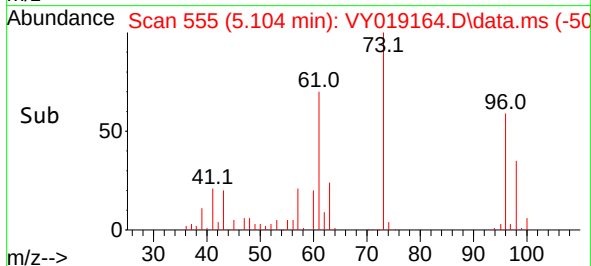
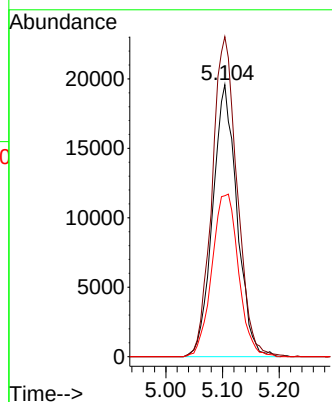
Tgt Ion: 96 Resp: 58399

Ion Ratio Lower Upper

96 100

61 117.6 97.5 146.3

98 59.2 50.5 75.7



#22

Diisopropyl ether

Concen: 46.731 ug/l

RT: 6.006 min Scan# 703

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Tgt Ion: 45 Resp: 157772

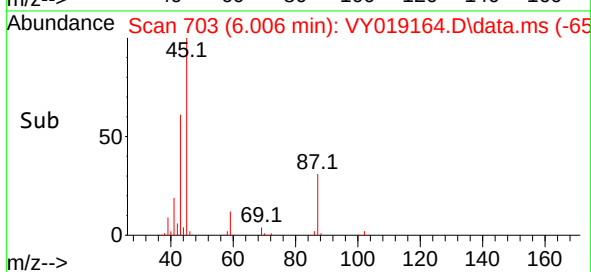
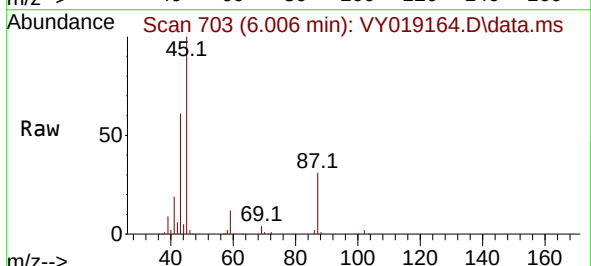
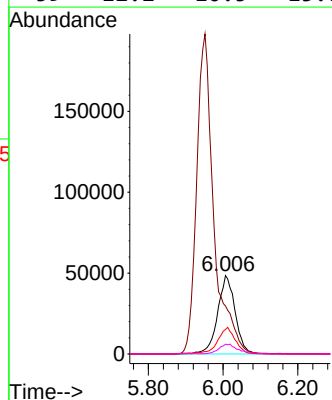
Ion Ratio Lower Upper

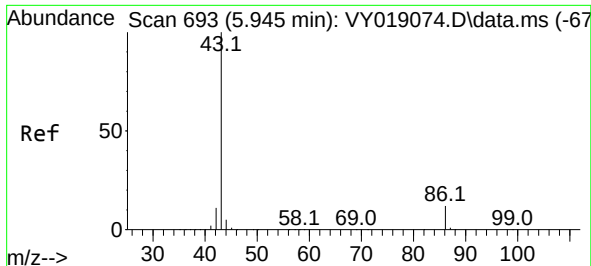
45 100

43 60.4 42.2 63.2

87 31.3 25.0 37.6

59 12.2 10.5 15.7

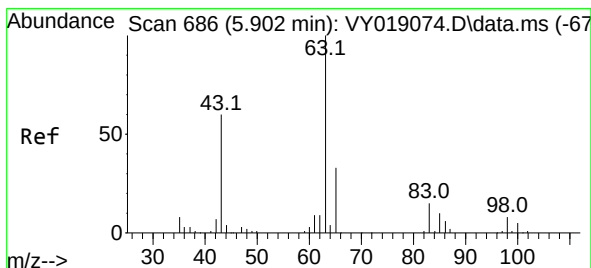
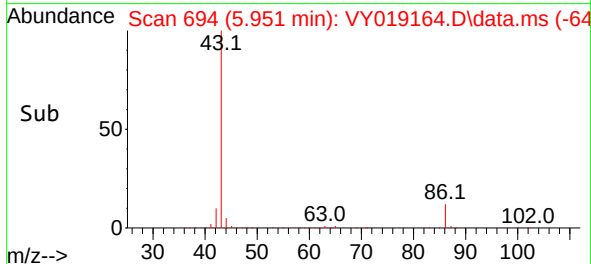
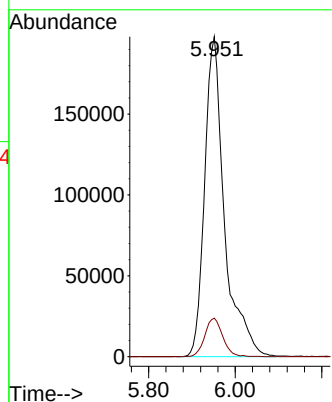
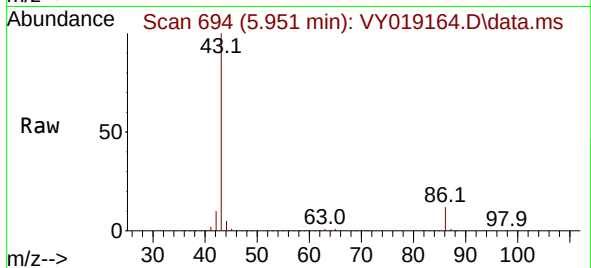




#23
 Vinyl Acetate
 Concen: 235.674 ug/l
 RT: 5.951 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY019164.D
 Acq: 20 Aug 2024 20:29

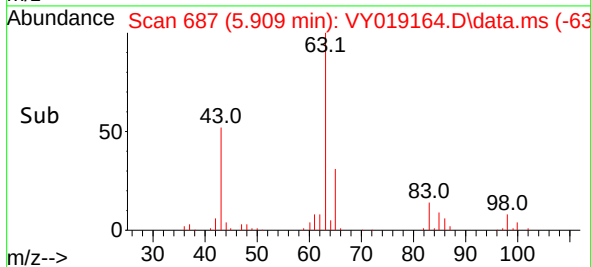
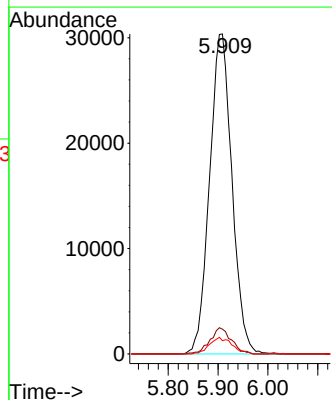
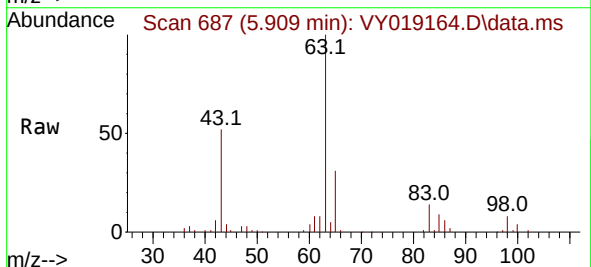
Instrument :
 MSVOA_Y
 ClientSampleId :

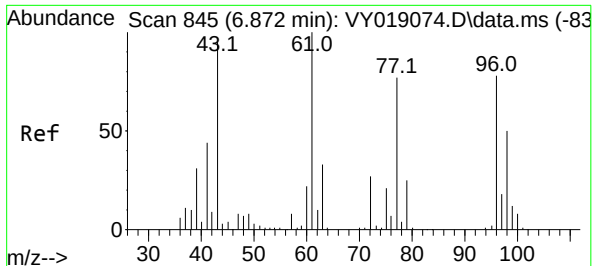
Tgt Ion: 43 Resp: 629953
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 45.889 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY019164.D
 Acq: 20 Aug 2024 20:29

Tgt Ion: 63 Resp: 94747
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.2
 100 4.2 2.6 8.0

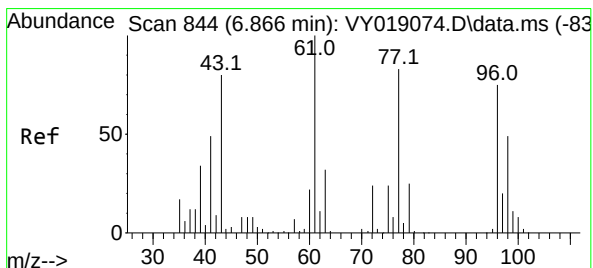
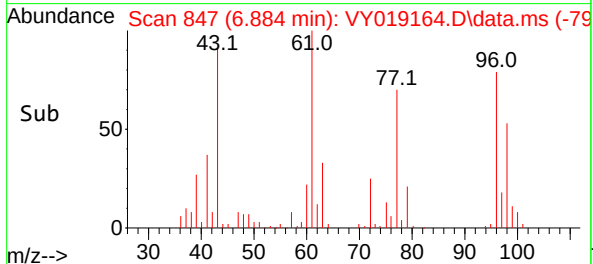
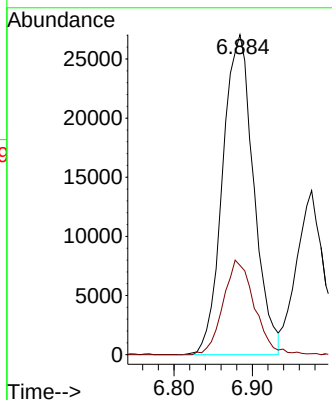
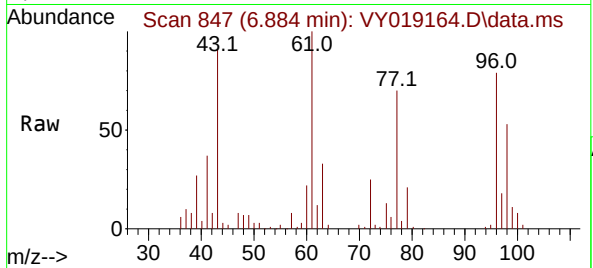




#25
2-Butanone
Concen: 223.871 ug/l
RT: 6.884 min Scan# 845
Delta R.T. 0.012 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

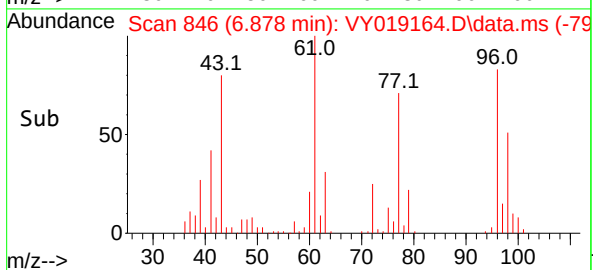
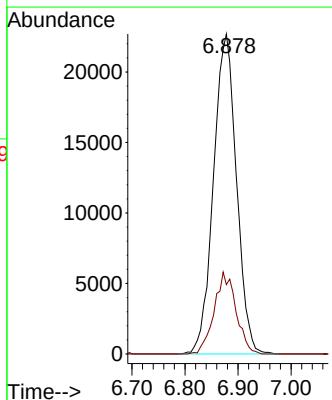
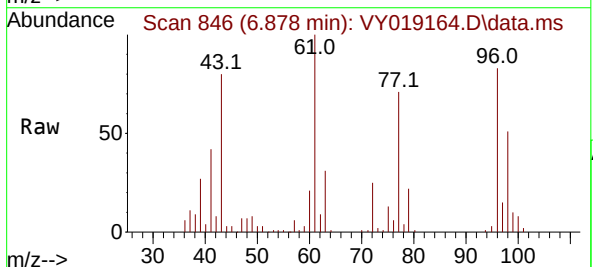
Instrument :
MSVOA_Y
ClientSampleId :

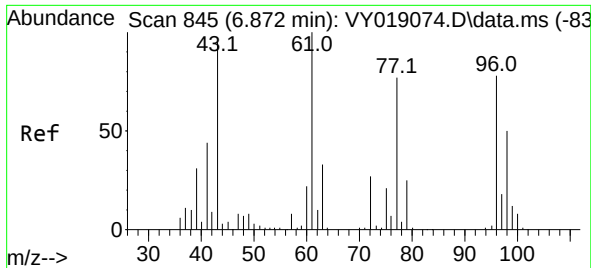
Tgt Ion: 43 Resp: 74534
Ion Ratio Lower Upper
43 100
72 27.9 27.3 40.9



#26
2,2-Dichloropropane
Concen: 40.853 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Tgt Ion: 77 Resp: 68306
Ion Ratio Lower Upper
77 100
97 24.3 12.0 36.1



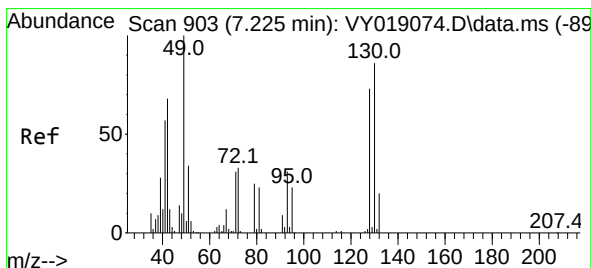
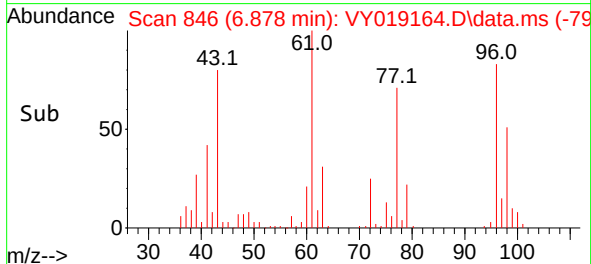
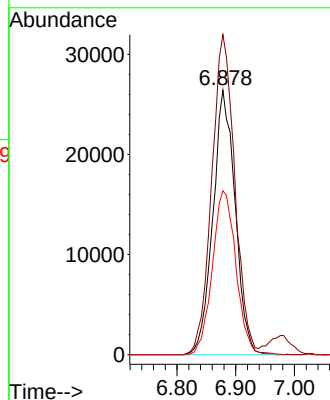
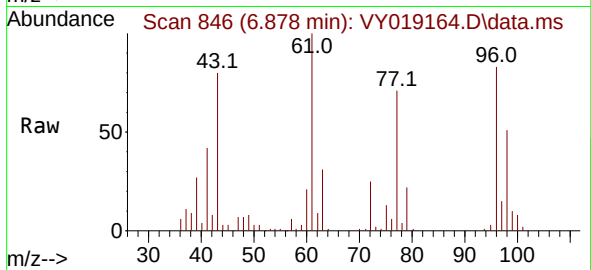


#27
 cis-1,2-Dichloroethene
 Concen: 47.715 ug/l
 RT: 6.878 min Scan# 845
 Delta R.T. 0.006 min
 Lab File: VY019164.D
 Acq: 20 Aug 2024 20:29

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 69589

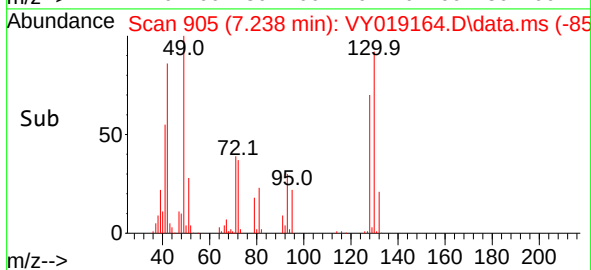
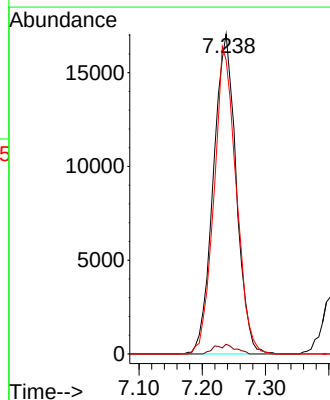
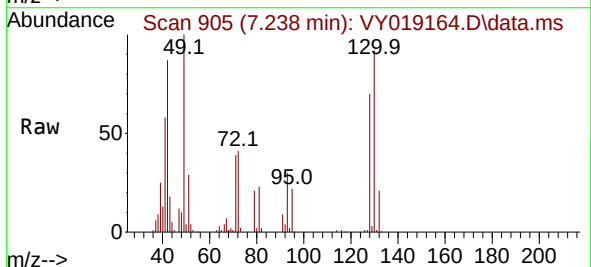
Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	256.2
98	65.5	0.0	130.0

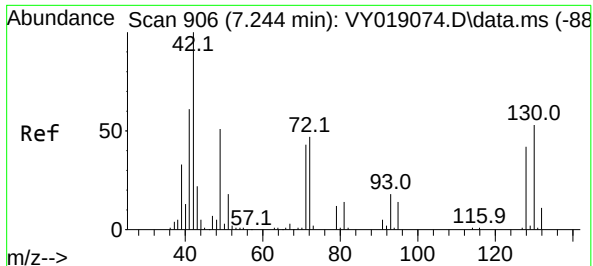


#28
 Bromochloromethane
 Concen: 49.293 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. 0.012 min
 Lab File: VY019164.D
 Acq: 20 Aug 2024 20:29

Tgt Ion: 49 Resp: 42693

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	93.2	72.7	109.1





#29

Tetrahydrofuran

Concen: 234.615 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

ClientSampleId :

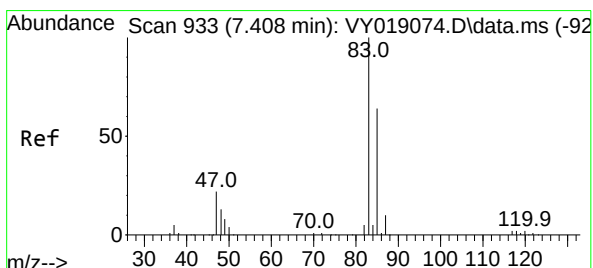
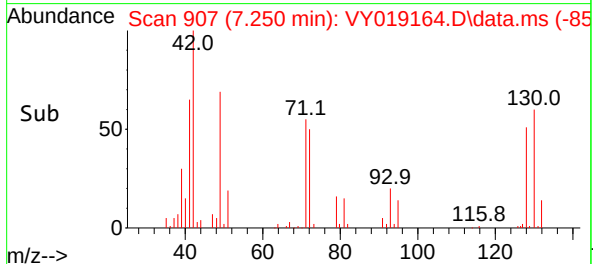
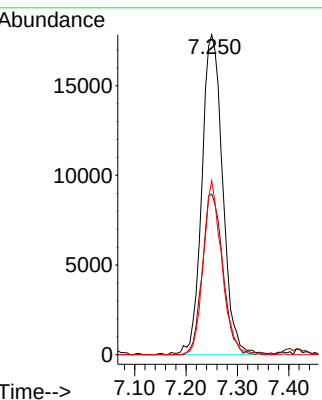
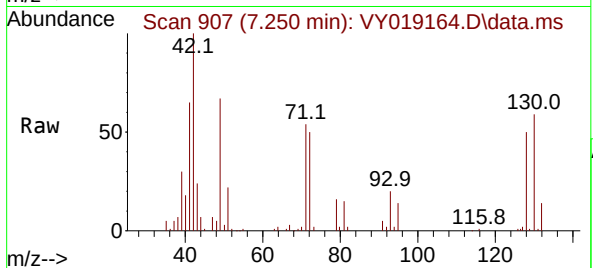
Tgt Ion: 42 Resp: 50212

Ion Ratio Lower Upper

42 100

72 49.6 43.0 64.4

71 48.1 40.8 61.2



#30

Chloroform

Concen: 47.946 ug/l

RT: 7.408 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019164.D

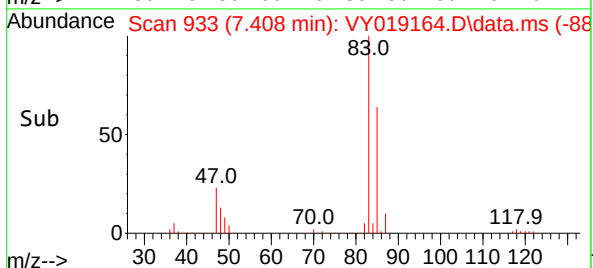
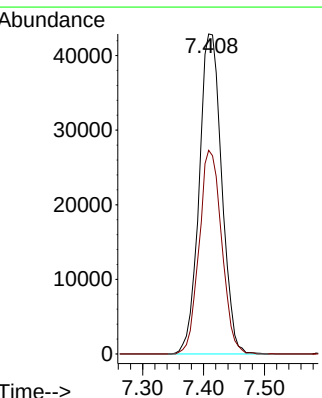
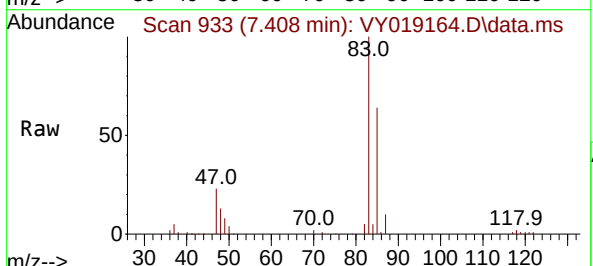
Acq: 20 Aug 2024 20:29

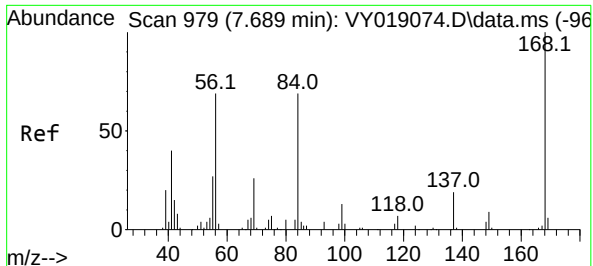
Tgt Ion: 83 Resp: 110309

Ion Ratio Lower Upper

83 100

85 63.7 52.2 78.4





#31

Cyclohexane

Concen: 47.982 ug/l

RT: 7.695 min Scan# 91

Delta R.T. 0.006 min

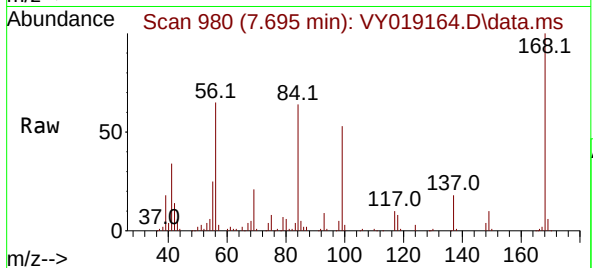
Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

ClientSampleId :



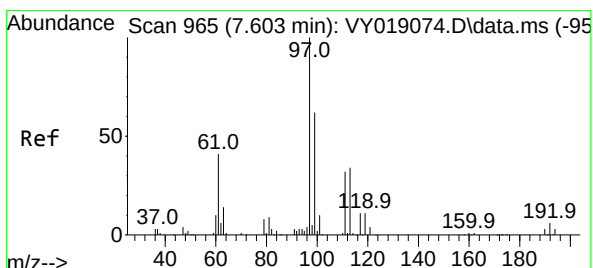
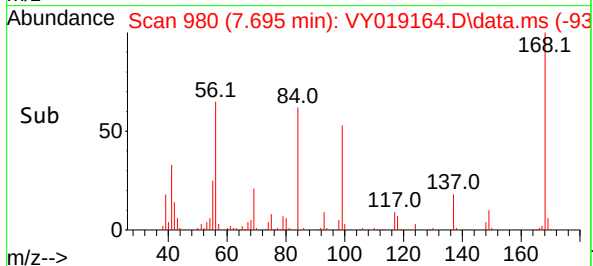
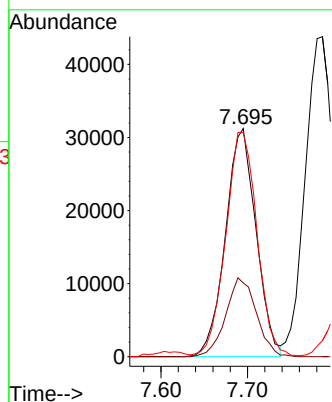
Tgt Ion: 56 Resp: 76785

Ion Ratio Lower Upper

56 100

69 32.4 28.7 43.1

84 96.4 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 46.906 ug/l

RT: 7.610 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

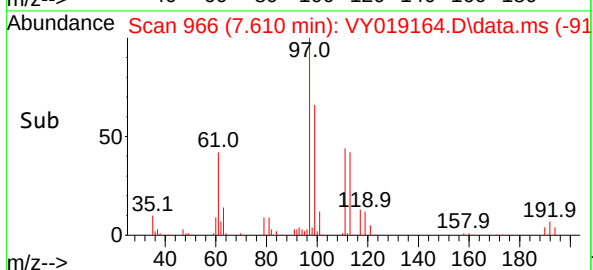
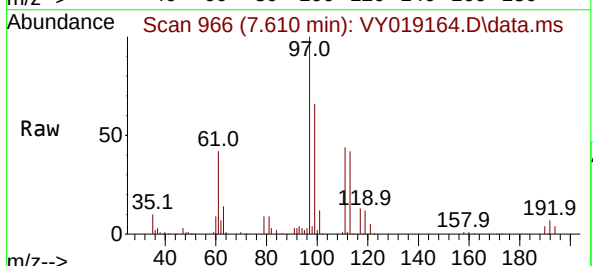
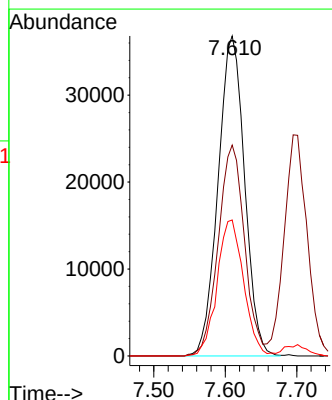
Tgt Ion: 97 Resp: 94838

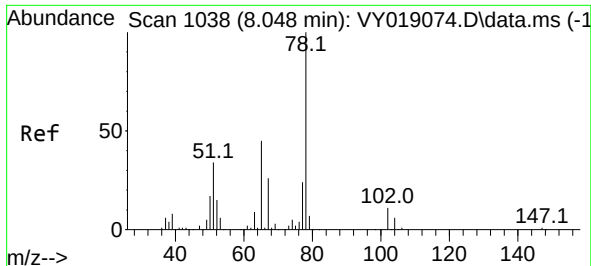
Ion Ratio Lower Upper

97 100

99 65.2 50.3 75.5

61 42.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.051 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

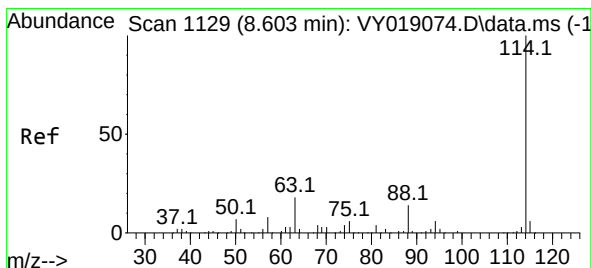
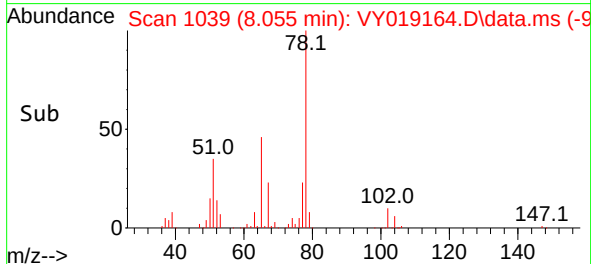
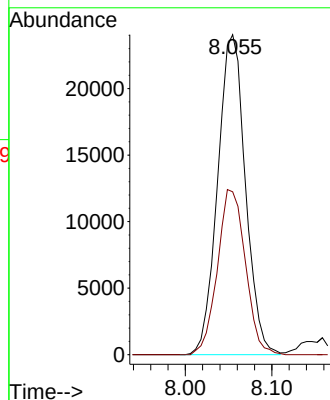
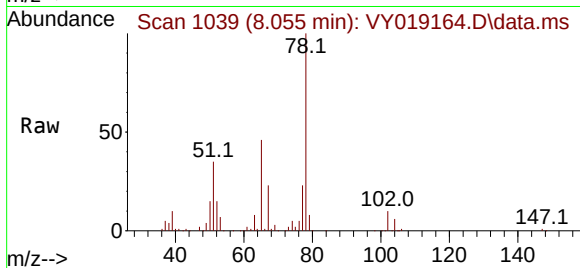
ClientSampleId :

Tgt Ion: 65 Resp: 53564

Ion Ratio Lower Upper

65 100

67 52.0 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: VY019164.D

Acq: 20 Aug 2024 20:29

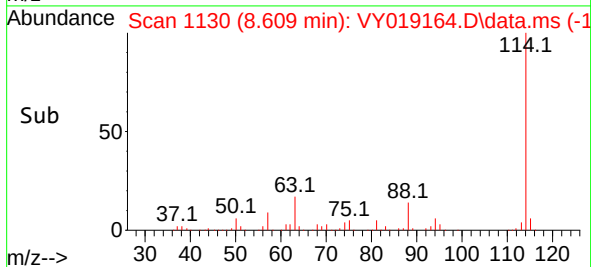
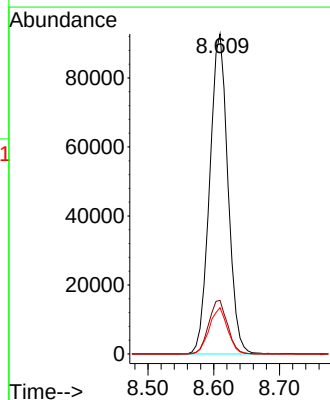
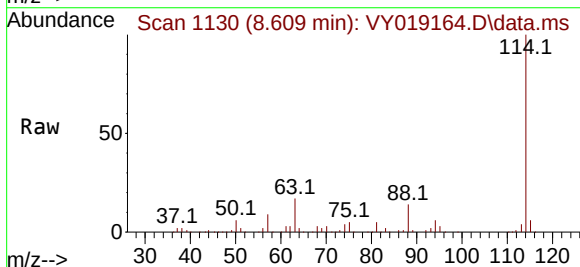
Tgt Ion: 114 Resp: 178927

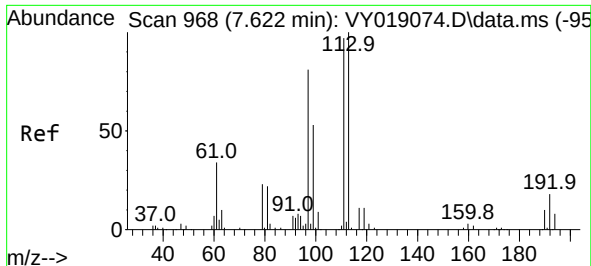
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 14.4 0.0 27.2

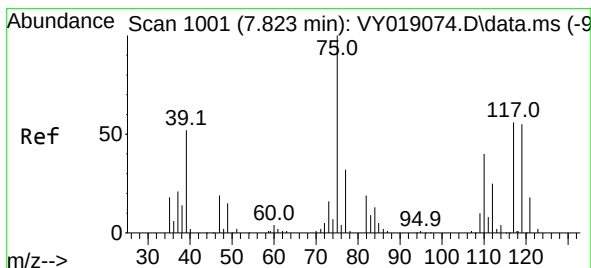
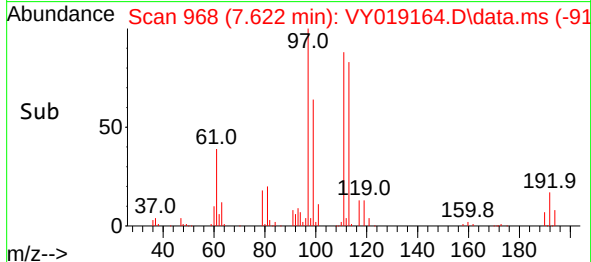
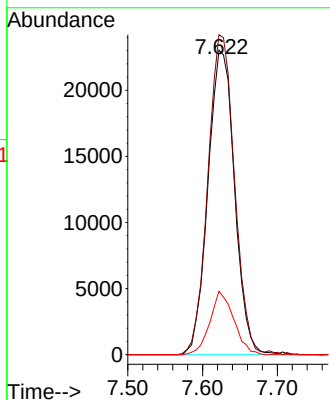
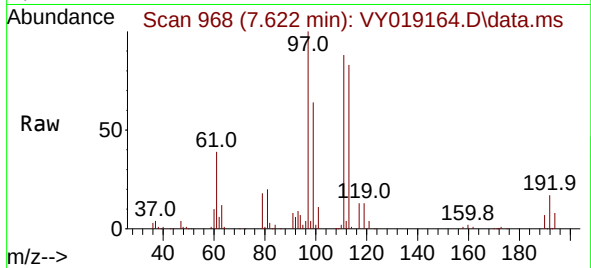




#35
 Dibromofluoromethane
 Concen: 48.671 ug/l
 RT: 7.622 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY019164.D
 Acq: 20 Aug 2024 20:29

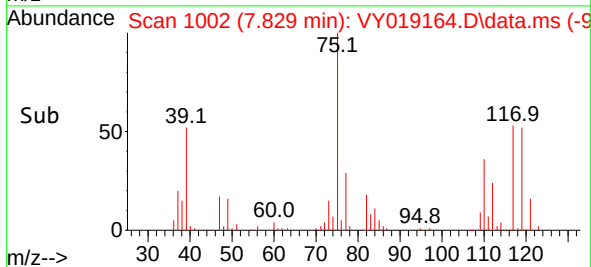
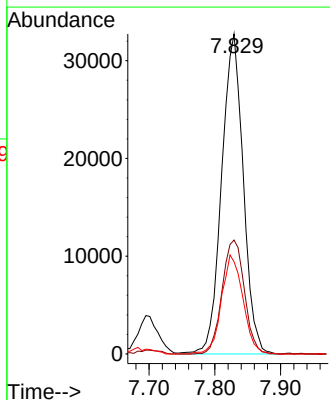
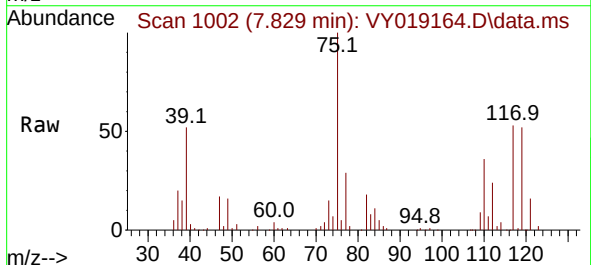
Instrument :
 MSVOA_Y
 ClientSampleId :

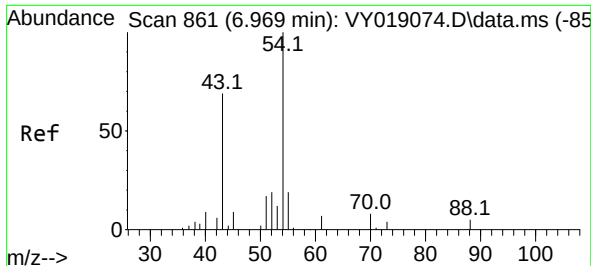
Tgt Ion:113 Resp: 56942
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.2 123.4
 192 18.7 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 46.625 ug/l
 RT: 7.829 min Scan# 1002
 Delta R.T. 0.006 min
 Lab File: VY019164.D
 Acq: 20 Aug 2024 20:29

Tgt Ion: 75 Resp: 74905
 Ion Ratio Lower Upper
 75 100
 110 36.6 19.0 57.0
 77 30.7 25.3 37.9





#37

Ethyl Acetate

Concen: 49.734 ug/l

RT: 6.976 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

ClientSampleId :

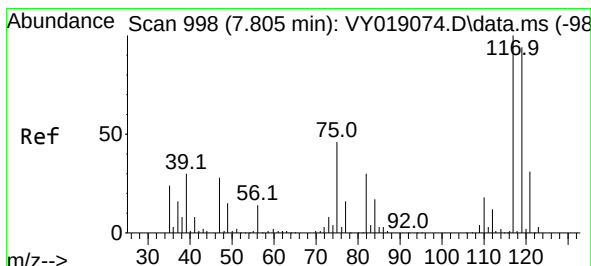
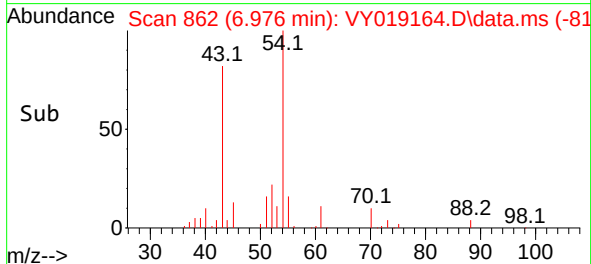
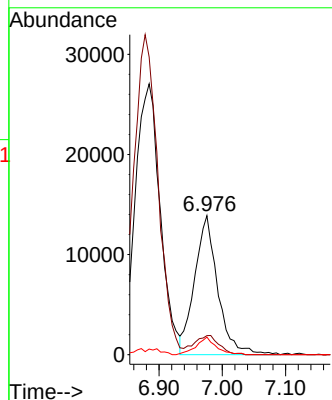
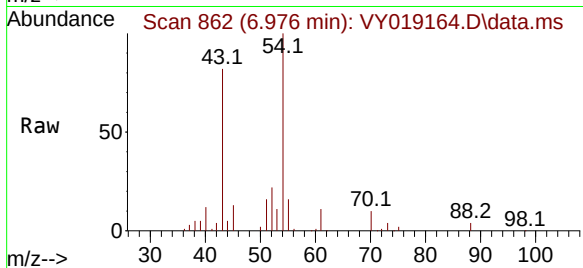
Tgt Ion: 43 Resp: 35399

Ion Ratio Lower Upper

43 100

61 14.9 12.6 19.0

70 10.9 7.8 11.8



#38

Carbon Tetrachloride

Concen: 46.750 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

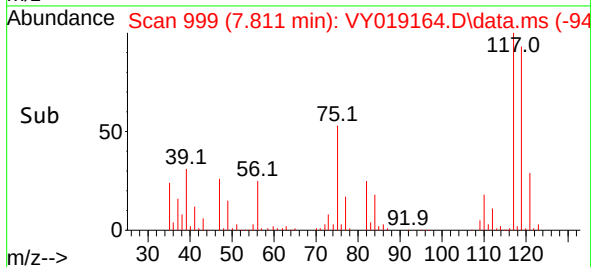
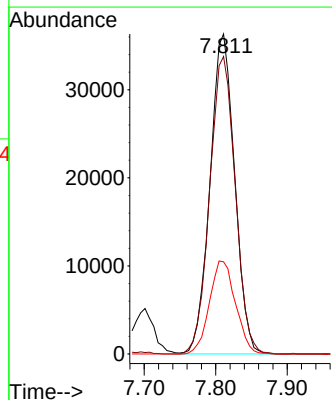
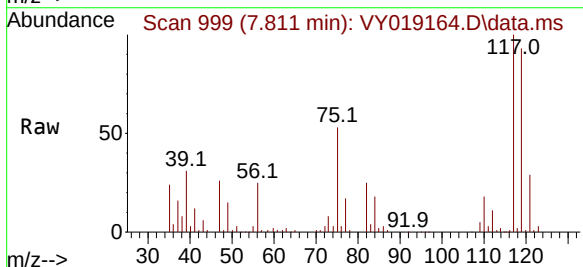
Tgt Ion: 117 Resp: 87038

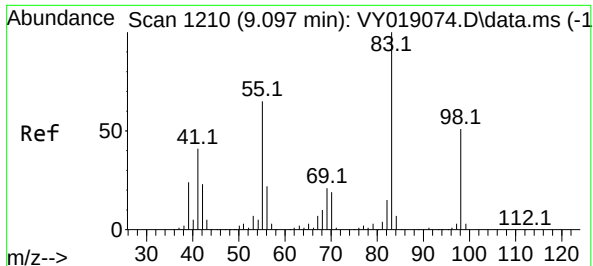
Ion Ratio Lower Upper

117 100

119 93.0 75.8 113.6

121 28.8 24.0 36.0





#39

Methylcyclohexane

Concen: 45.009 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

ClientSampleId :

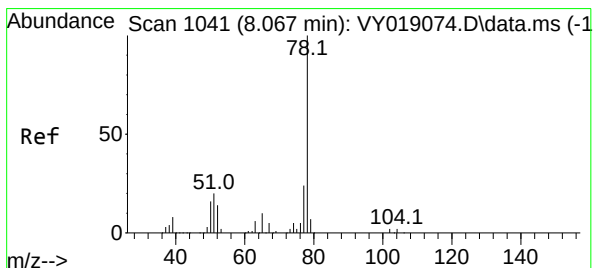
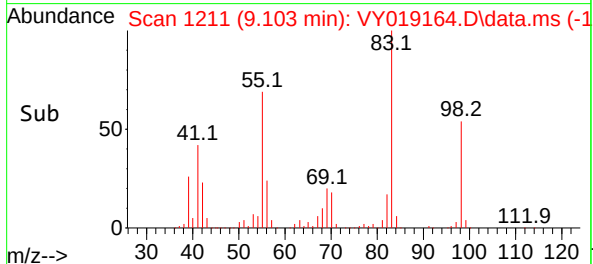
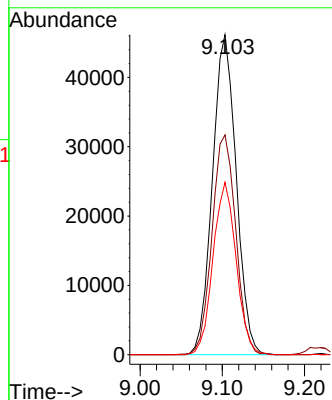
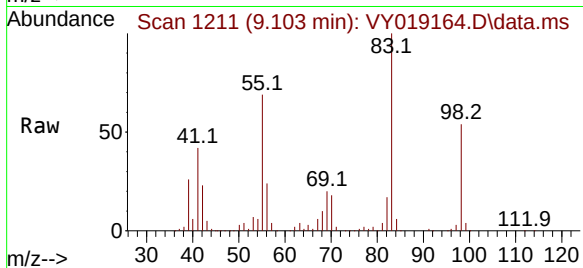
Tgt Ion: 83 Resp: 92791

Ion Ratio Lower Upper

83 100

55 68.7 51.5 77.3

98 53.8 40.5 60.7



#40

Benzene

Concen: 47.771 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019164.D

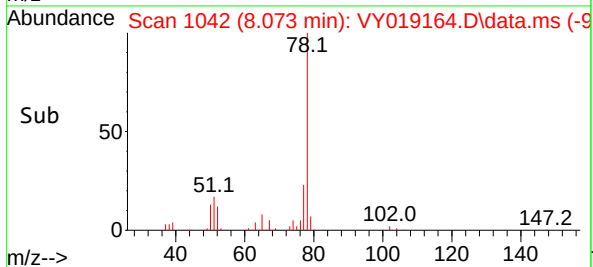
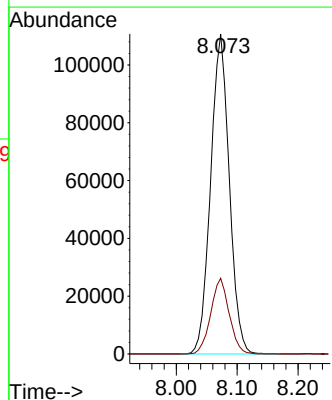
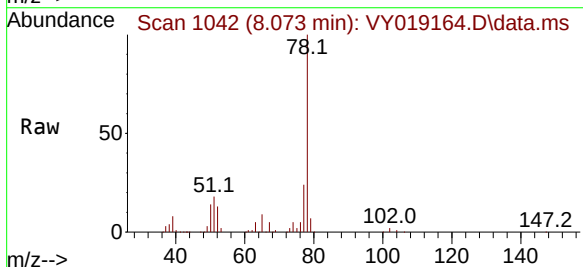
Acq: 20 Aug 2024 20:29

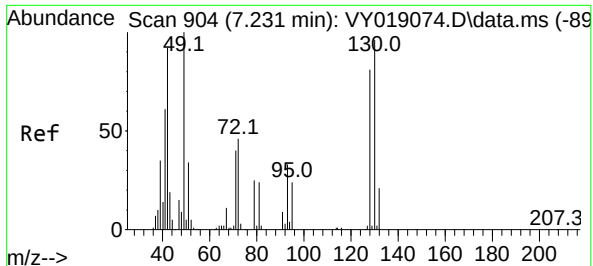
Tgt Ion: 78 Resp: 235374

Ion Ratio Lower Upper

78 100

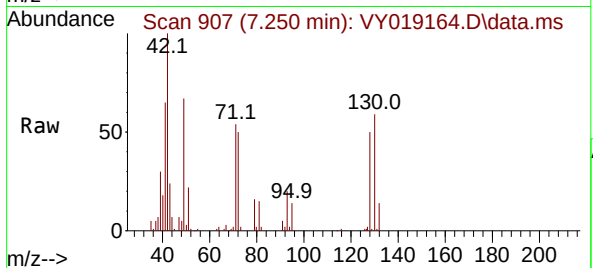
77 23.6 19.5 29.3



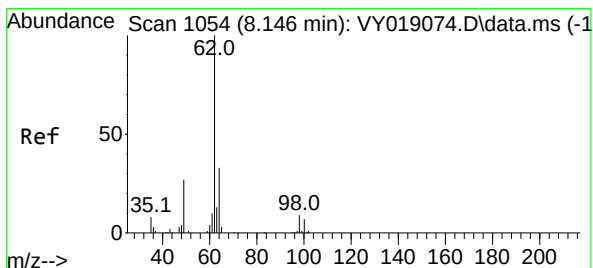
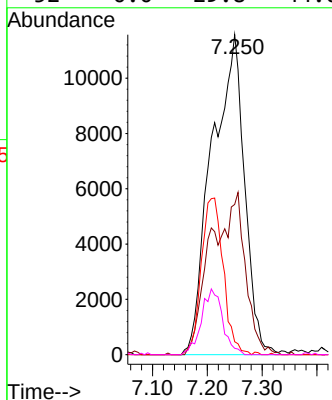
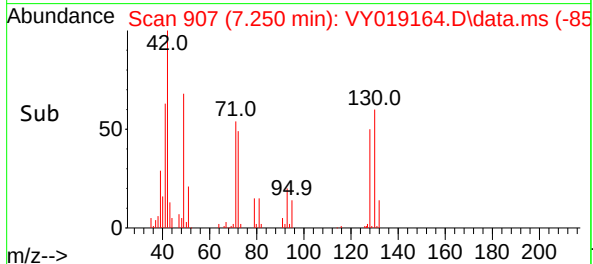


#41
Methacrylonitrile
Concen: 123.180 ug/l
RT: 7.250 min Scan# 904
Delta R.T. 0.019 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Instrument :
MSVOA_Y
ClientSampleId :

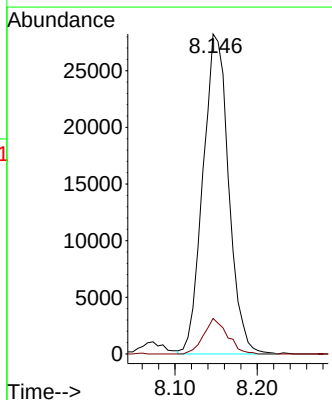
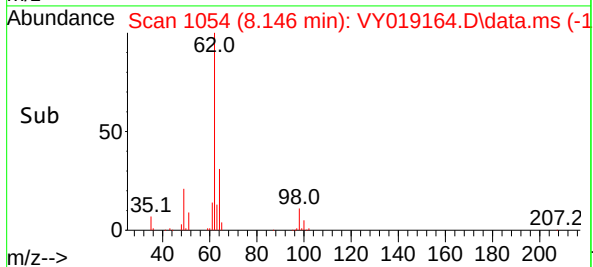
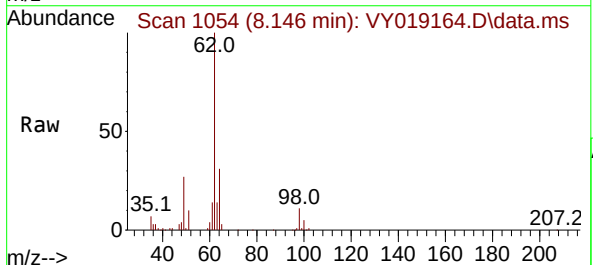


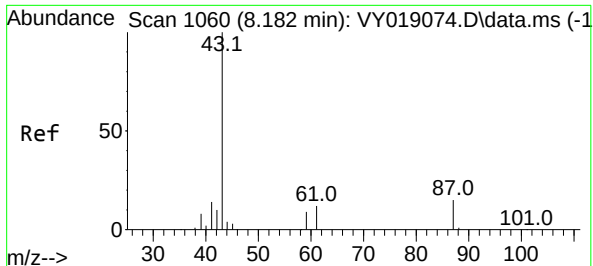
Tgt Ion: 41 Resp: 47854
Ion Ratio Lower Upper
41 100
39 23.6 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 46.128 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Tgt Ion: 62 Resp: 61374
Ion Ratio Lower Upper
62 100
98 10.2 0.0 22.0





#43

Isopropyl Acetate

Concen: 46.184 ug/l

RT: 8.189 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

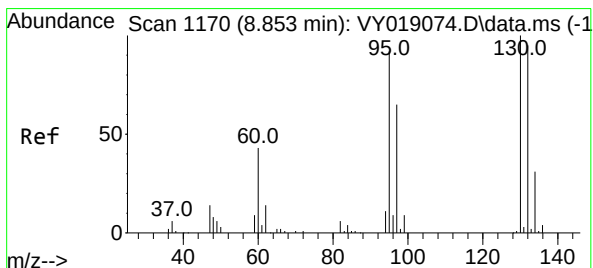
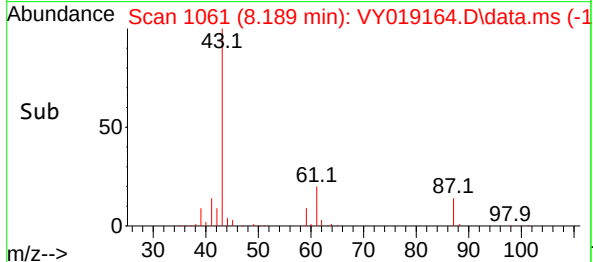
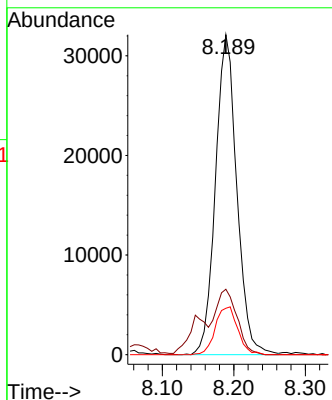
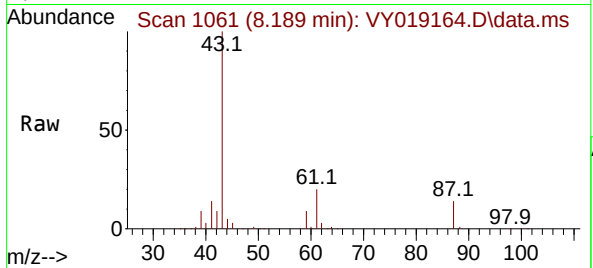
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43 Resp: 66481

Ion	Ratio	Lower	Upper
43	100		
61	20.8	27.9	41.9#
87	15.7	13.1	19.7



#44

Trichloroethene

Concen: 45.171 ug/l

RT: 8.859 min Scan# 1171

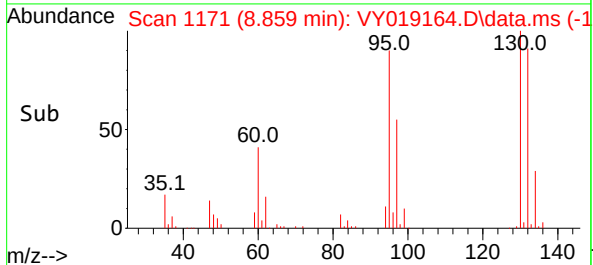
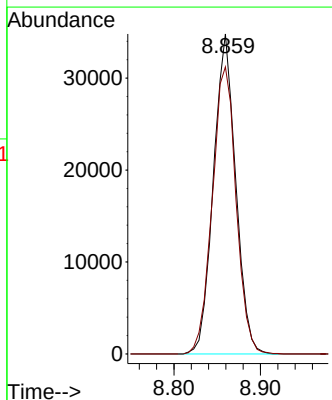
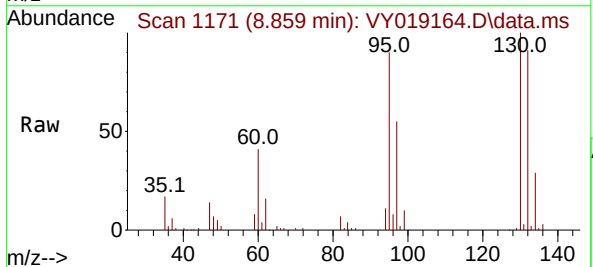
Delta R.T. 0.006 min

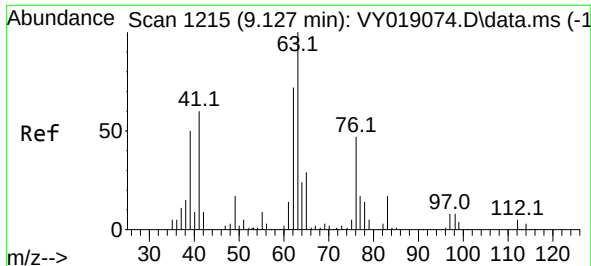
Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Tgt Ion:130 Resp: 62102

Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	188.0





#45

1,2-Dichloropropane

Concen: 45.979 ug/l

RT: 9.134 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

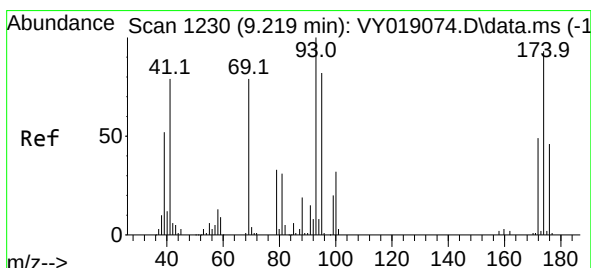
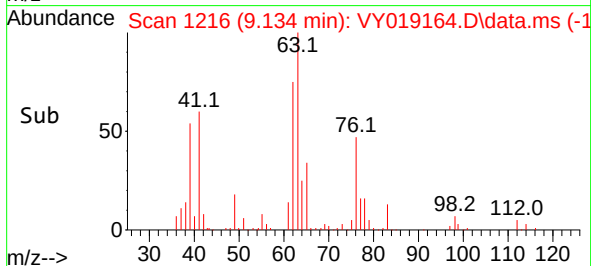
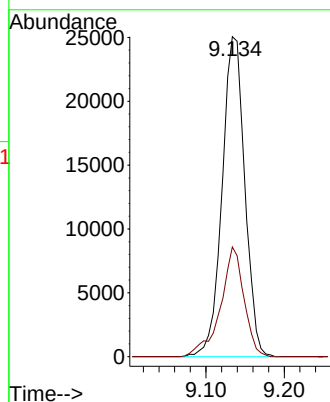
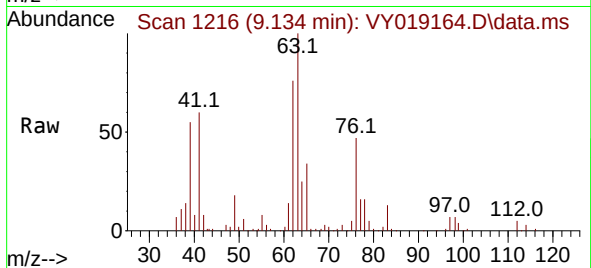
ClientSampleId :

Tgt Ion: 63 Resp: 50475

Ion Ratio Lower Upper

63 100

65 34.3 25.4 38.2



#46

Dibromomethane

Concen: 48.409 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

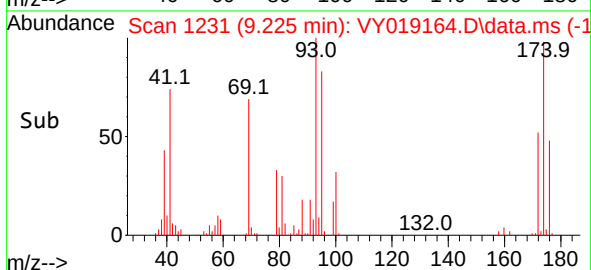
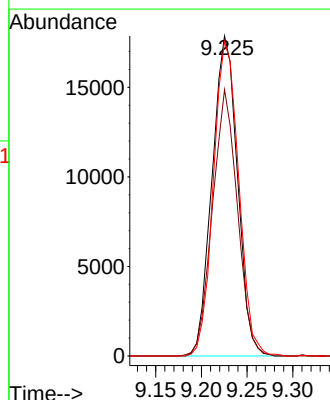
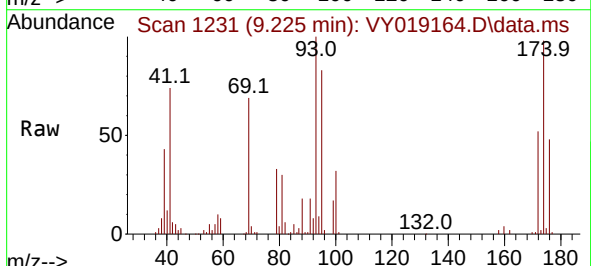
Tgt Ion: 93 Resp: 34468

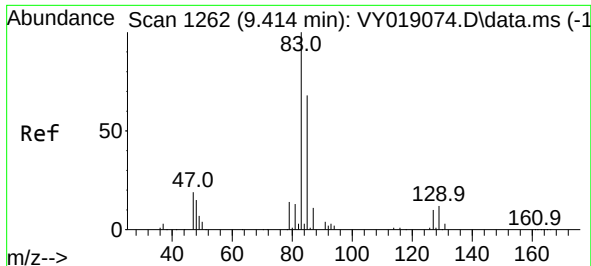
Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.4

174 98.1 80.9 121.3

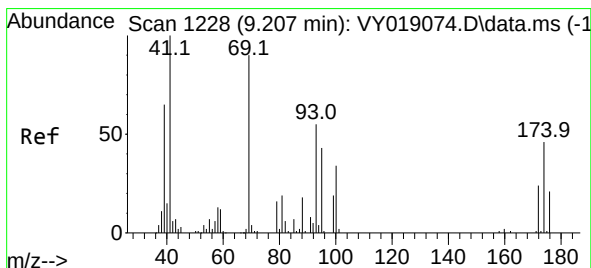
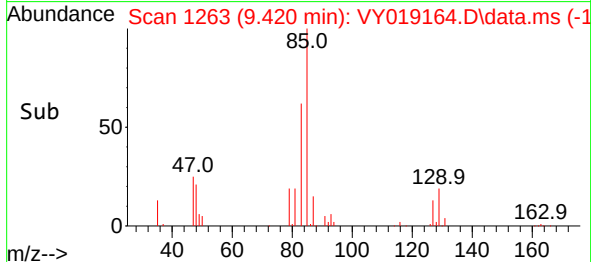
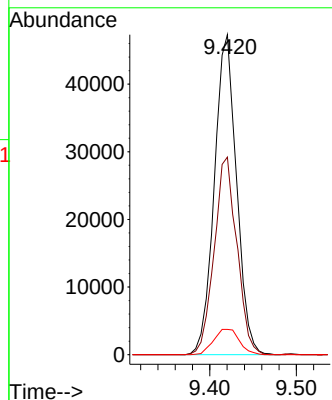
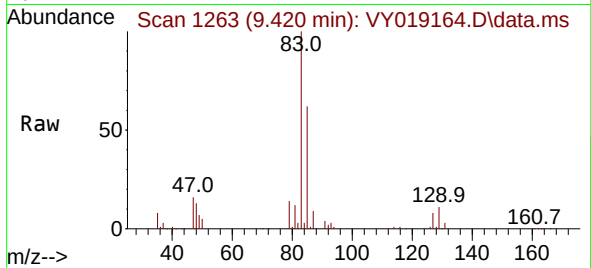




#47
Bromodichloromethane
Concen: 48.117 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

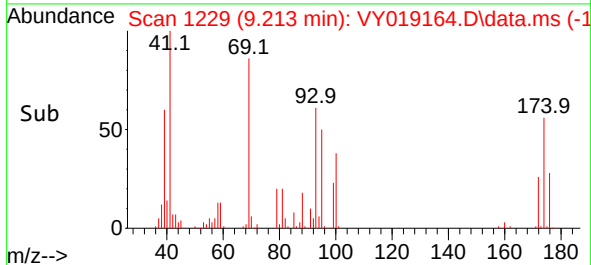
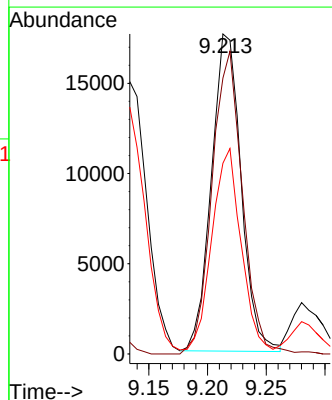
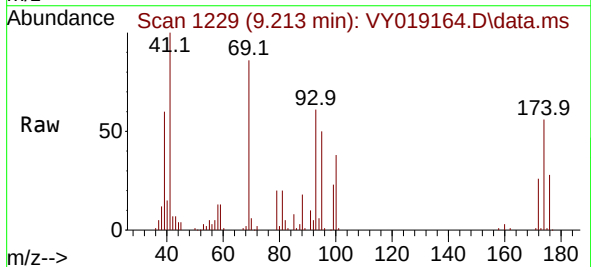
Instrument :
MSVOA_Y
ClientSampleId :

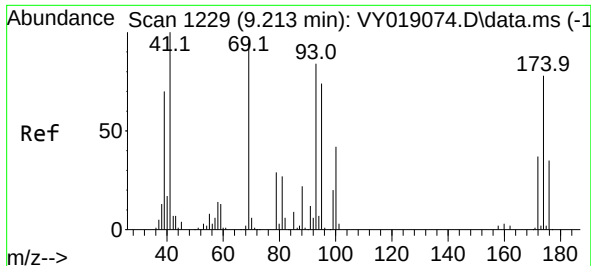
Tgt Ion: 83 Resp: 84053
Ion Ratio Lower Upper
83 100
85 61.8 50.1 75.1
127 7.9 7.4 11.0



#48
Methyl methacrylate
Concen: 48.326 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Tgt Ion: 41 Resp: 31002
Ion Ratio Lower Upper
41 100
69 97.7 84.1 126.1
39 64.7 43.6 65.4





#49

1,4-Dioxane

Concen: 945.384 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

ClientSampleId :

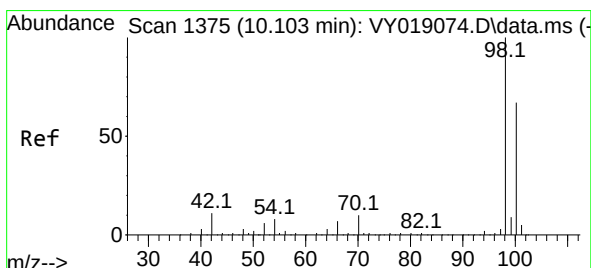
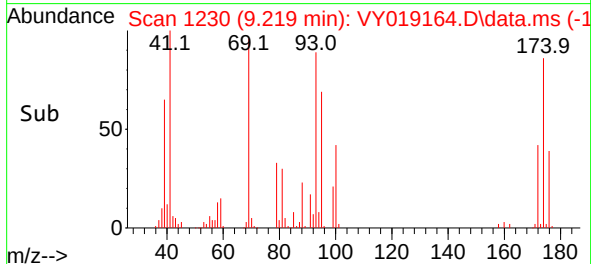
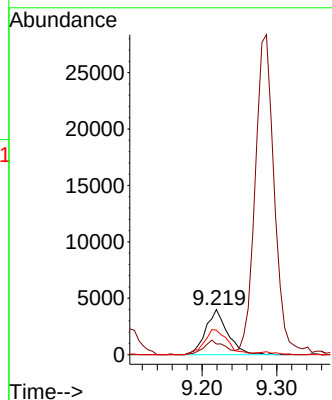
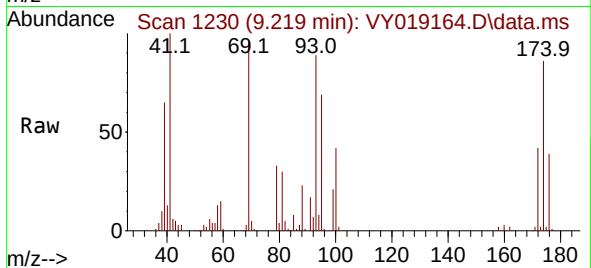
Tgt Ion: 88 Resp: 8154

Ion Ratio Lower Upper

88 100

43 30.3 0.0 0.0#

58 59.7 49.3 73.9



#50

Toluene-d8

Concen: 51.262 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019164.D

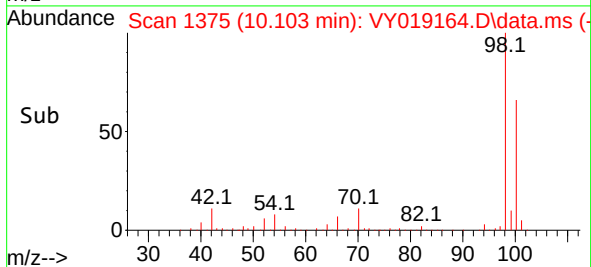
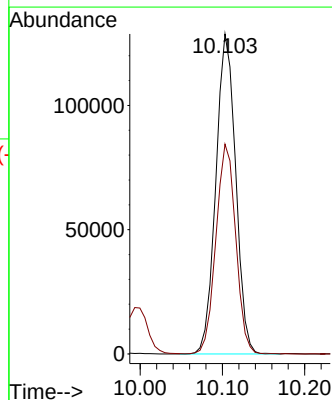
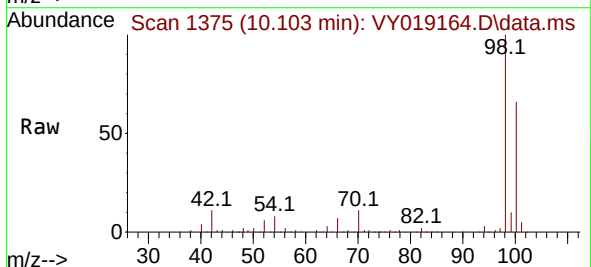
Acq: 20 Aug 2024 20:29

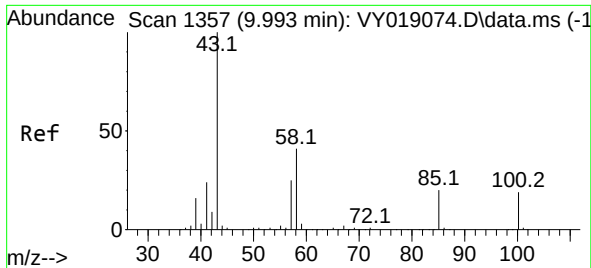
Tgt Ion: 98 Resp: 215821

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 241.475 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

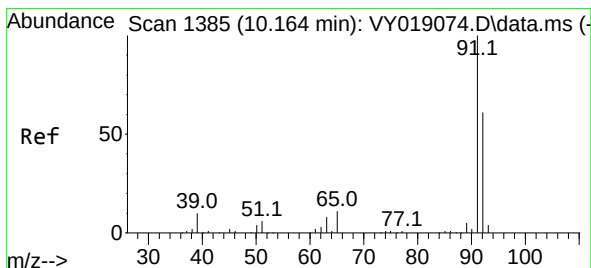
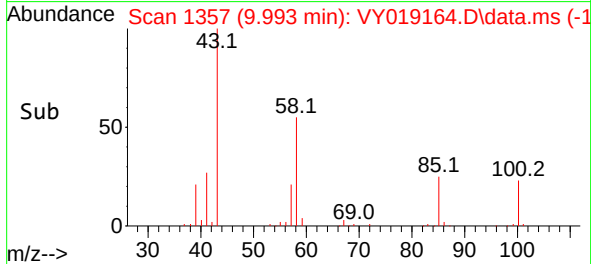
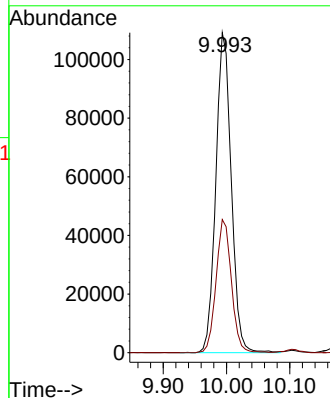
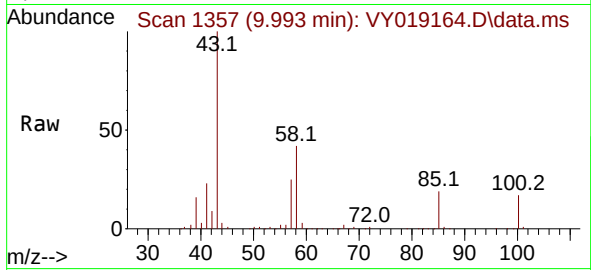
ClientSampleId :

Tgt Ion: 43 Resp: 184490

Ion Ratio Lower Upper

43 100

58 41.4 35.7 53.5



#52

Toluene

Concen: 48.288 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019164.D

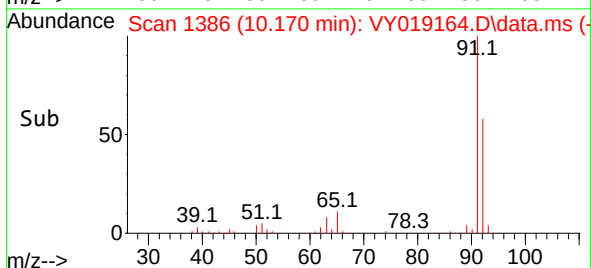
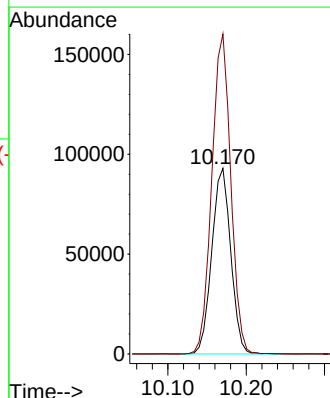
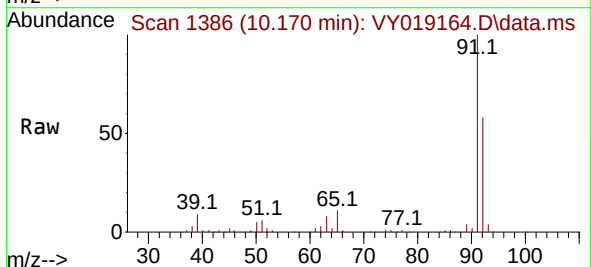
Acq: 20 Aug 2024 20:29

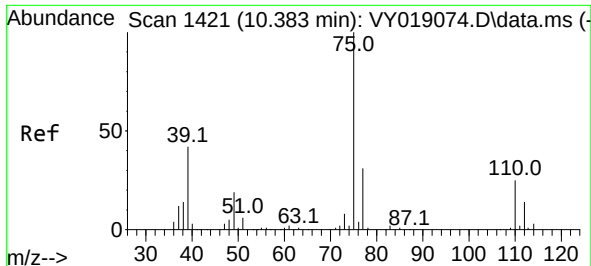
Tgt Ion: 92 Resp: 156178

Ion Ratio Lower Upper

92 100

91 172.5 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 47.476 ug/l

RT: 10.390 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

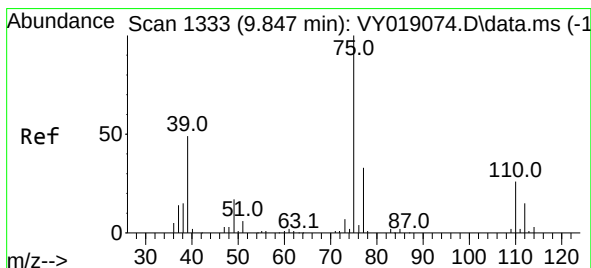
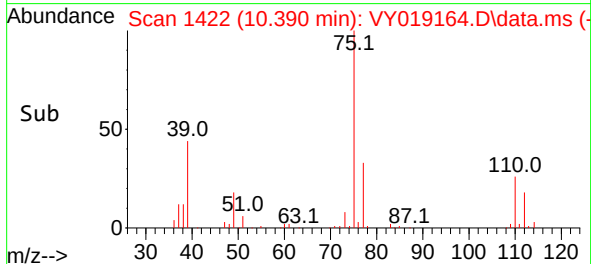
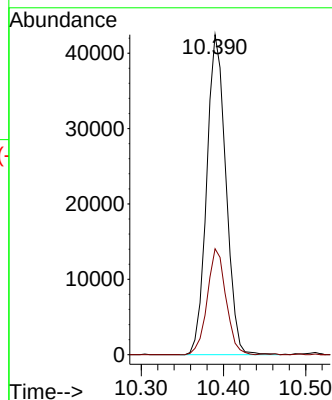
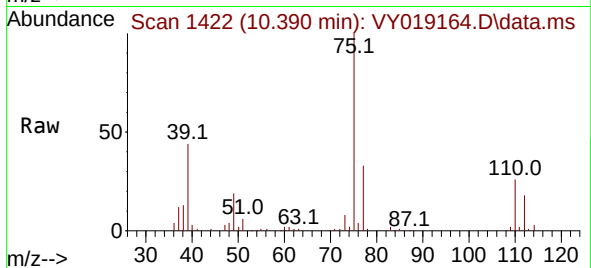
ClientSampleId :

Tgt Ion: 75 Resp: 68796

Ion Ratio Lower Upper

75 100

77 33.1 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 46.179 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

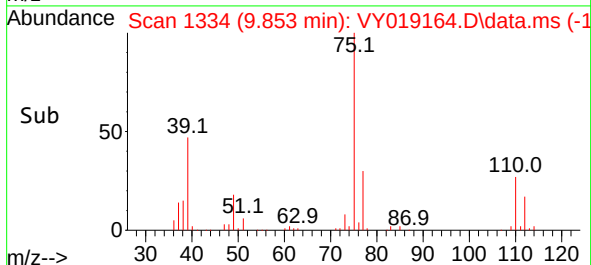
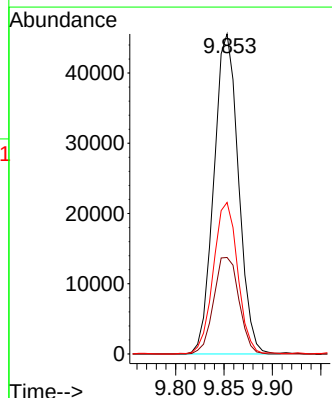
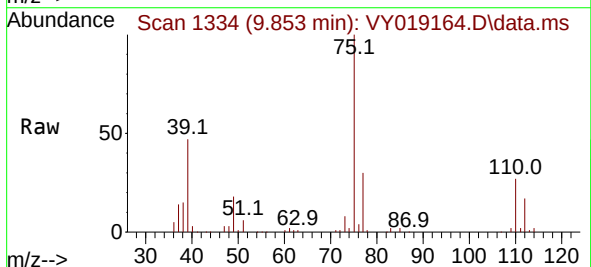
Tgt Ion: 75 Resp: 80476

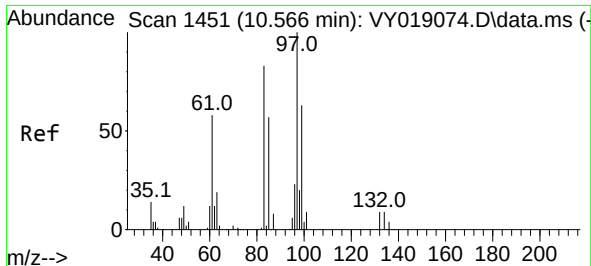
Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.0

39 47.2 29.8 44.6#

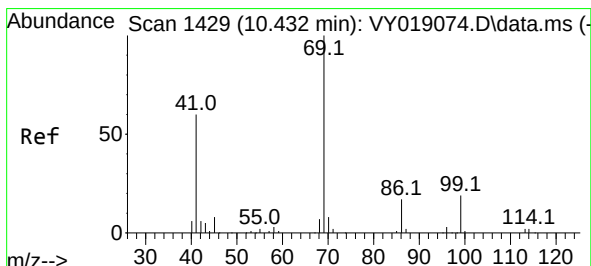
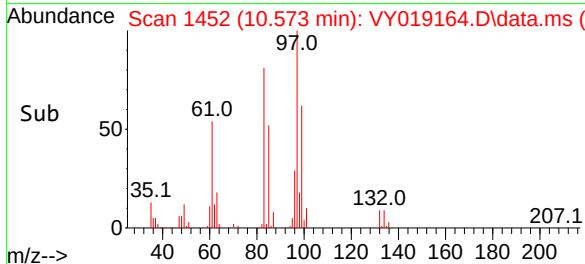
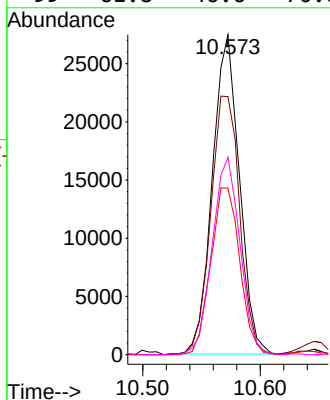
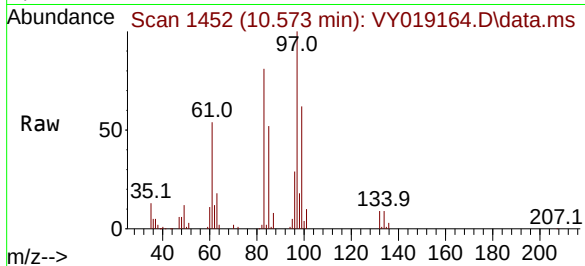




#55
1,1,2-Trichloroethane
Concen: 47.921 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

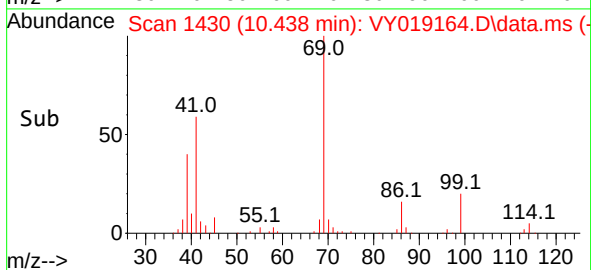
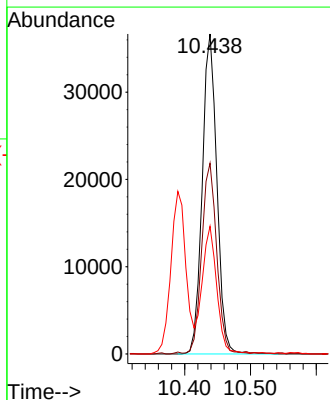
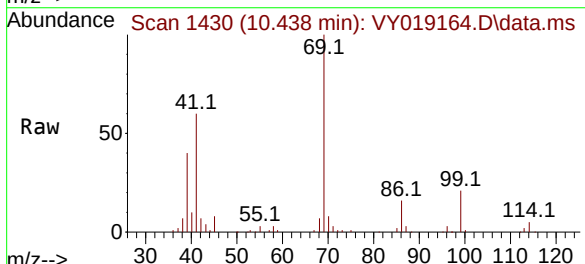
Instrument :
MSVOA_Y
ClientSampleId :

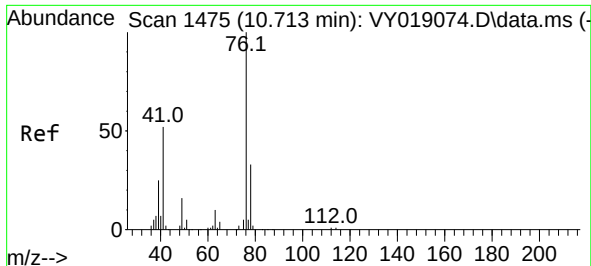
Tgt Ion: 97	Resp: 43924
Ion Ratio	Lower Upper
97 100	
83 80.6	67.5 101.3
85 52.1	42.9 64.3
99 61.8	46.6 70.0



#56
Ethyl methacrylate
Concen: 47.371 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Tgt Ion: 69	Resp: 56833
Ion Ratio	Lower Upper
69 100	
41 61.6	42.3 63.5
39 39.1	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 47.982 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

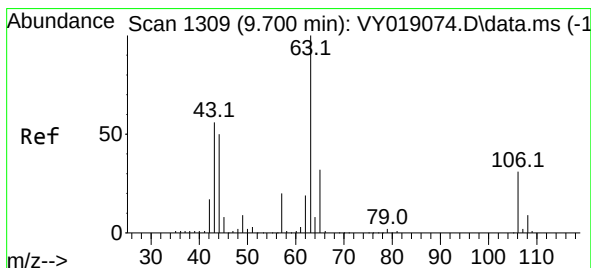
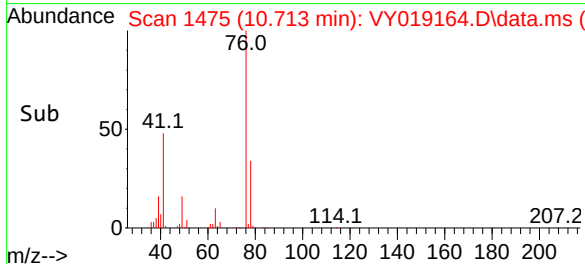
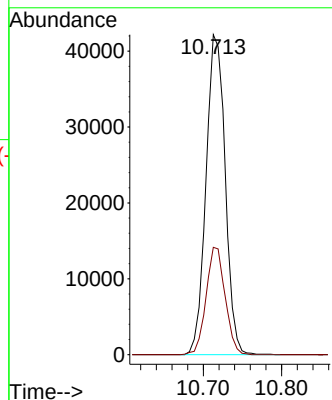
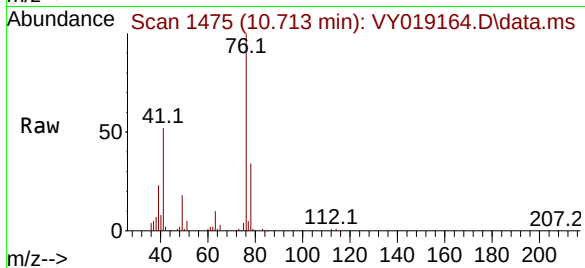
ClientSampleId :

Tgt Ion: 76 Resp: 71695

Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 266.431 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019164.D

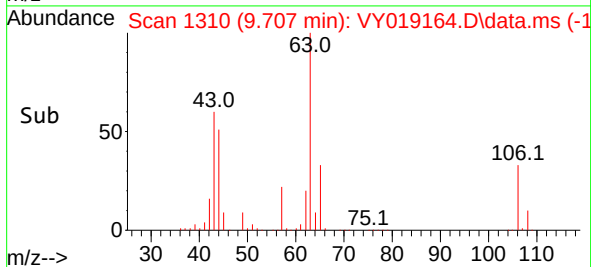
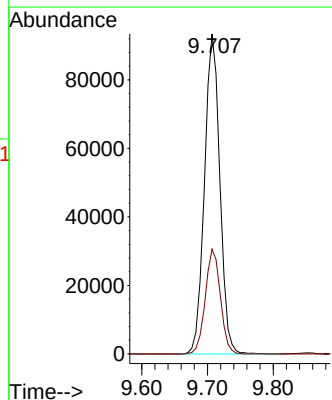
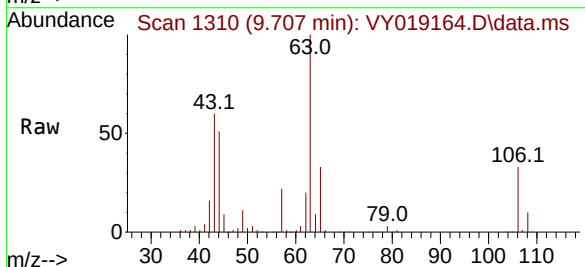
Acq: 20 Aug 2024 20:29

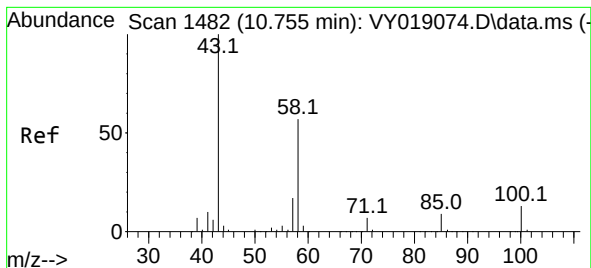
Tgt Ion: 63 Resp: 151641

Ion Ratio Lower Upper

63 100

106 32.1 23.7 35.5

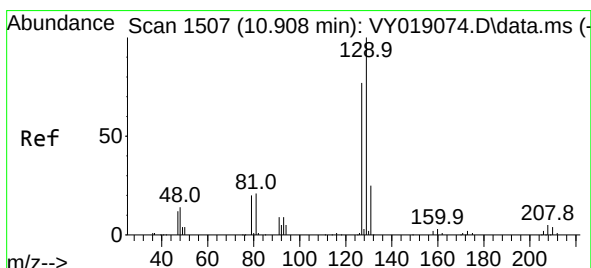
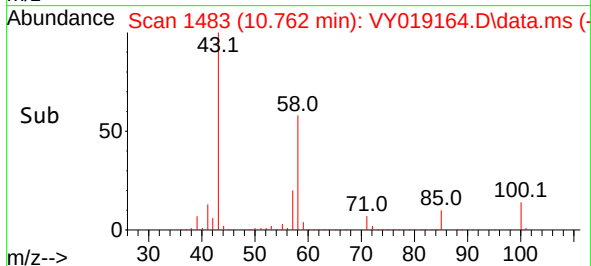
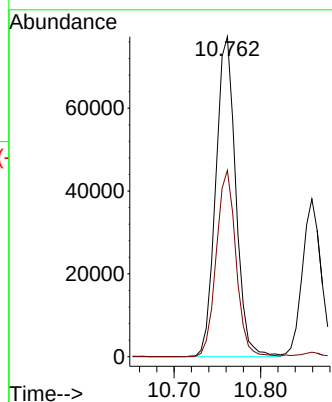
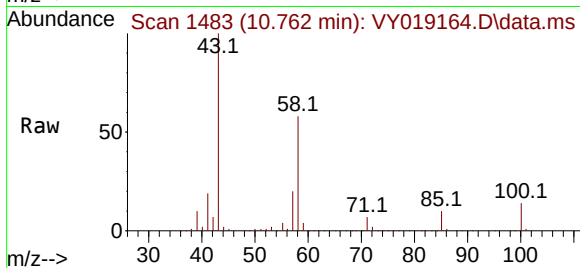




#59
2-Hexanone
Concen: 235.698 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

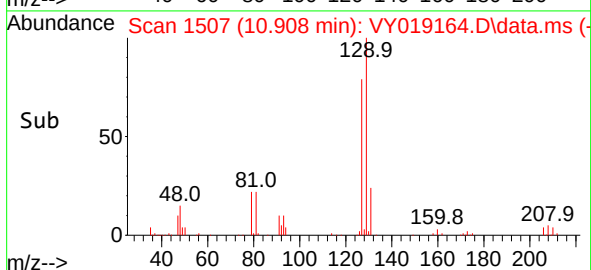
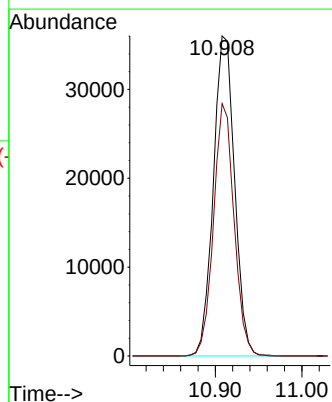
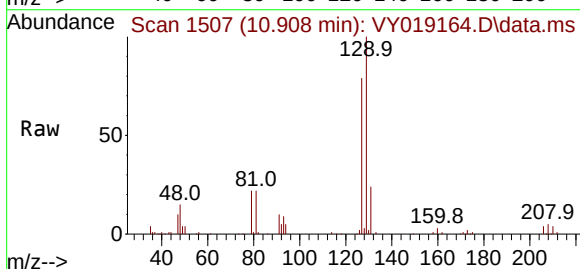
Instrument :
MSVOA_Y
ClientSampleId :

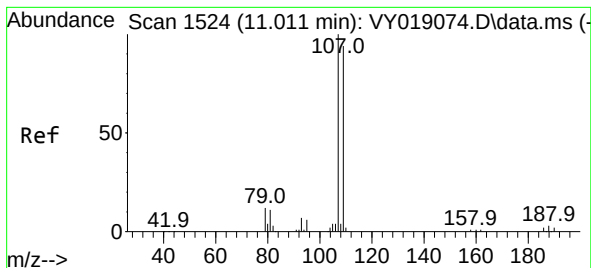
Tgt Ion: 43 Resp: 123716
Ion Ratio Lower Upper
43 100
58 57.5 31.4 94.0



#60
Dibromochloromethane
Concen: 49.177 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Tgt Ion:129 Resp: 61394
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0

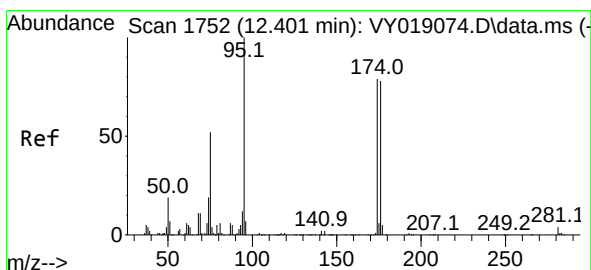
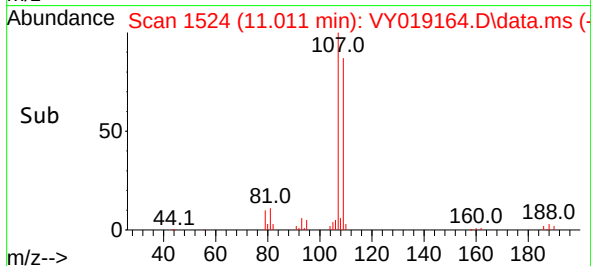
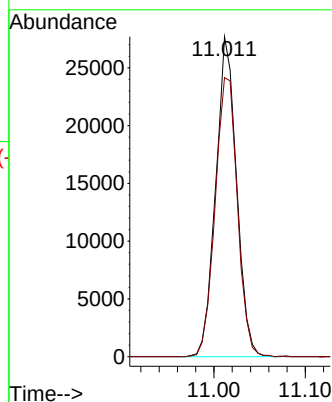
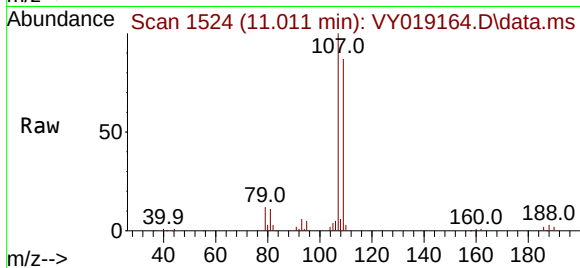




#61
1,2-Dibromoethane
Concen: 49.524 ug/l
RT: 11.011 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

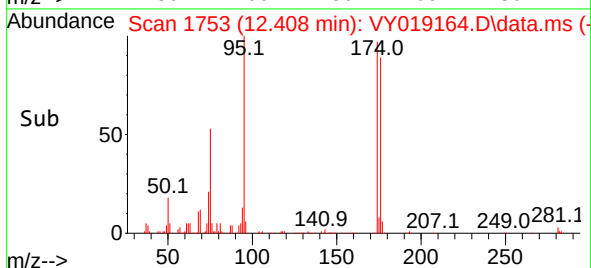
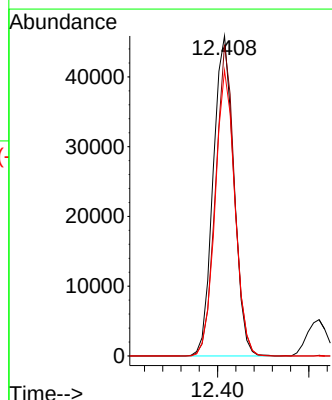
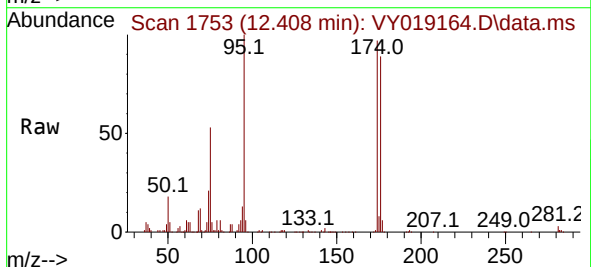
Instrument :
MSVOA_Y
ClientSampleId :

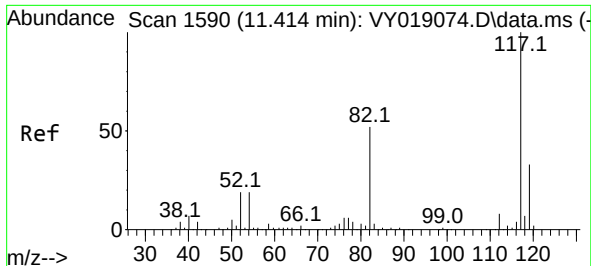
Tgt Ion:107 Resp: 43875
Ion Ratio Lower Upper
107 100
109 93.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.761 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Tgt Ion: 95 Resp: 71419
Ion Ratio Lower Upper
95 100
174 90.2 0.0 175.6
176 85.8 0.0 171.4

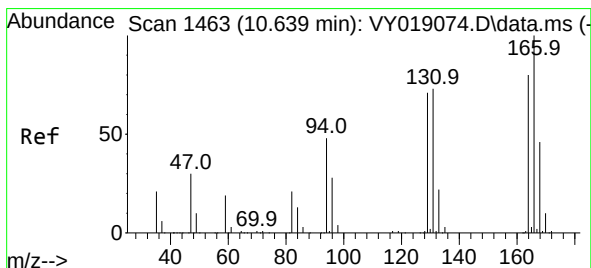
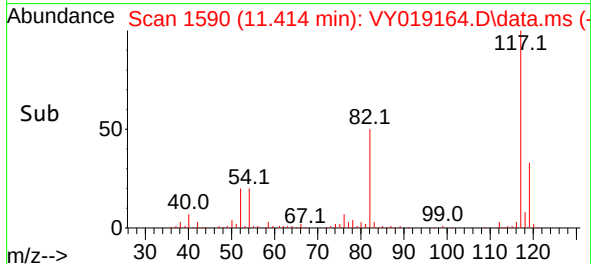
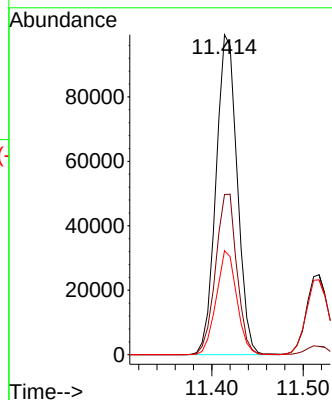
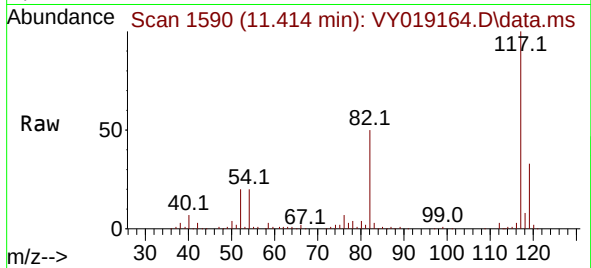




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

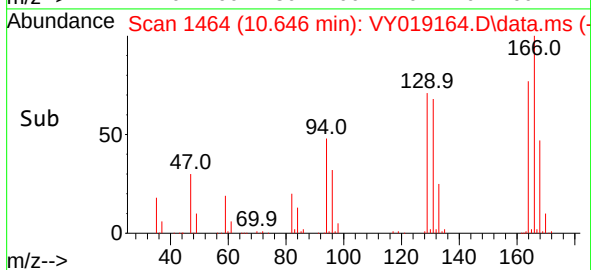
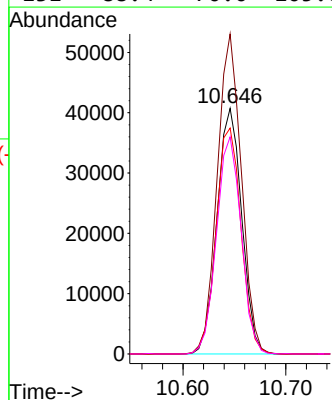
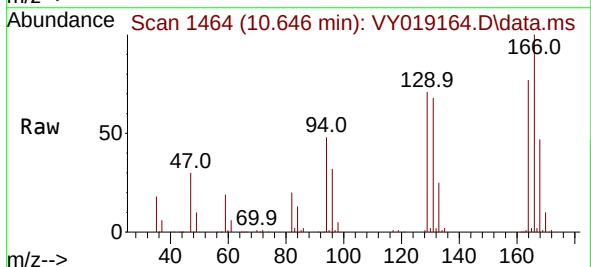
Instrument :
MSVOA_Y
ClientSampleId :

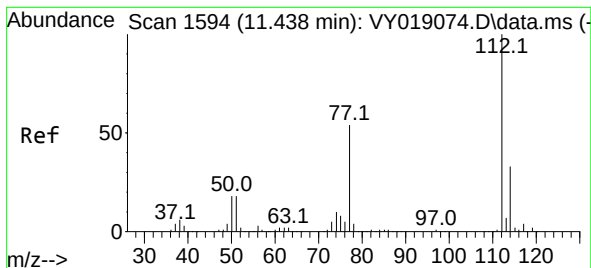
Tgt Ion:117 Resp: 160056
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 32.5 25.9 38.9



#64
Tetrachloroethene
Concen: 48.667 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Tgt Ion:164 Resp: 68086
Ion Ratio Lower Upper
164 100
166 130.3 102.6 154.0
129 92.0 72.0 108.0
131 88.4 70.0 105.0





#65

Chlorobenzene

Concen: 47.016 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

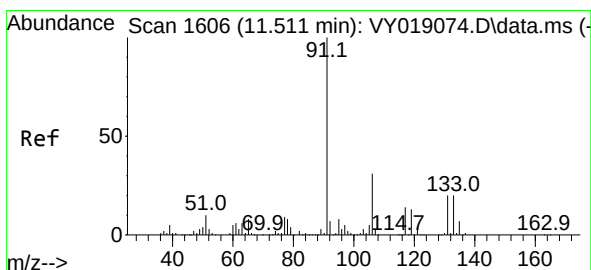
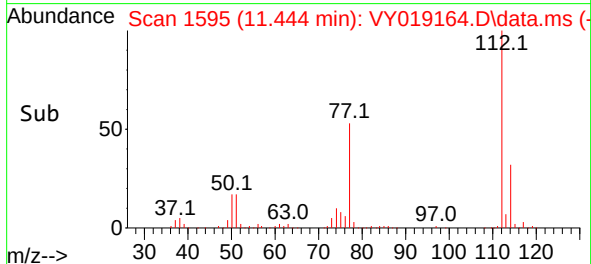
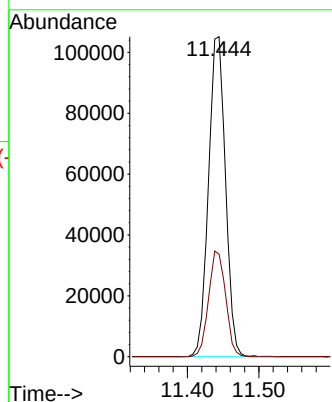
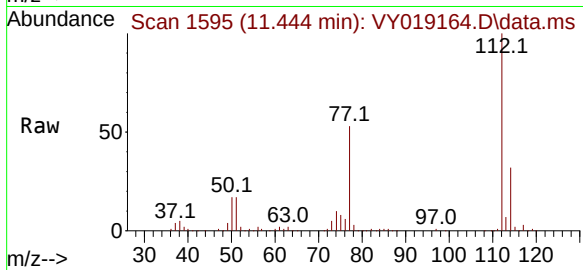
ClientSampleId :

Tgt Ion:112 Resp: 173277

Ion Ratio Lower Upper

112 100

114 32.1 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 47.241 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

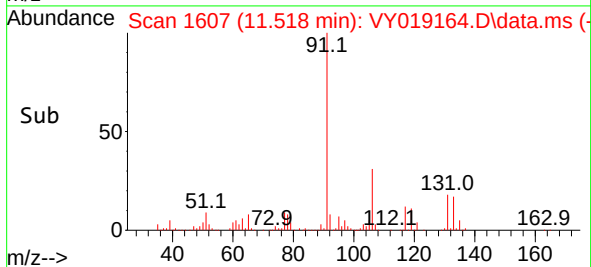
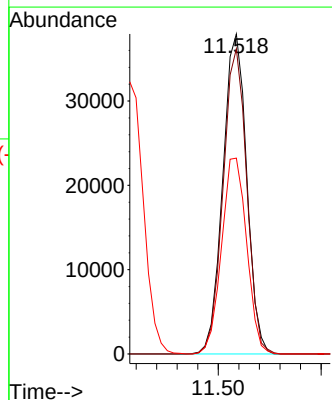
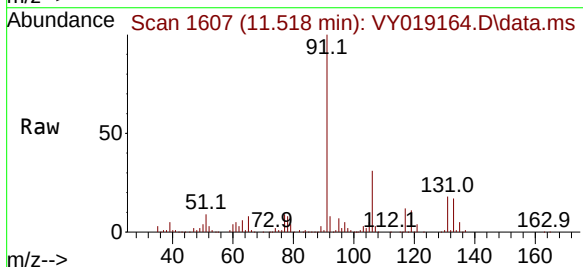
Tgt Ion:131 Resp: 61227

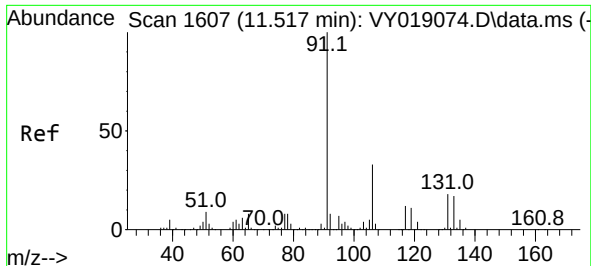
Ion Ratio Lower Upper

131 100

133 94.2 47.8 143.3

119 64.4 34.1 102.2

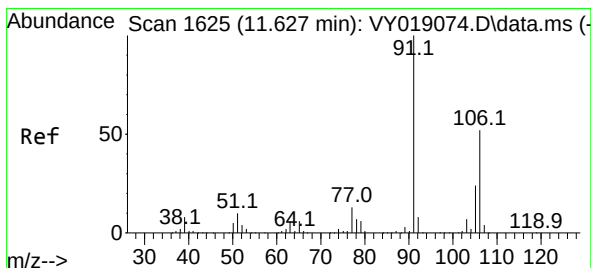
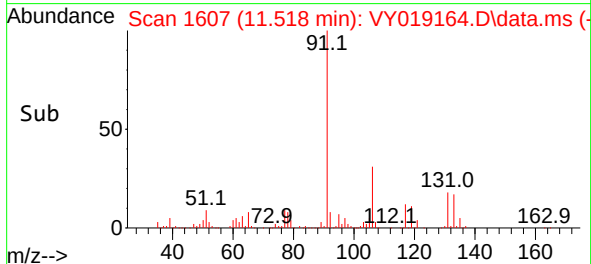
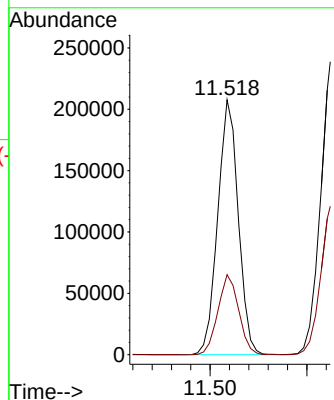
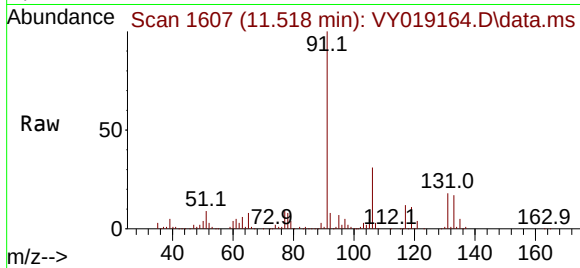




#67
Ethyl Benzene
Concen: 47.703 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

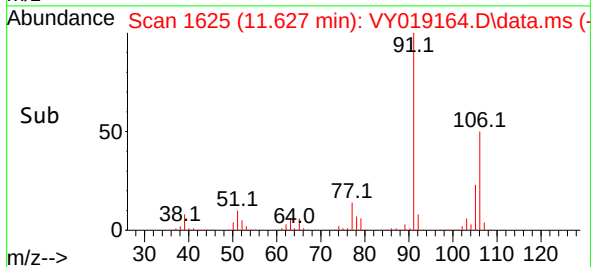
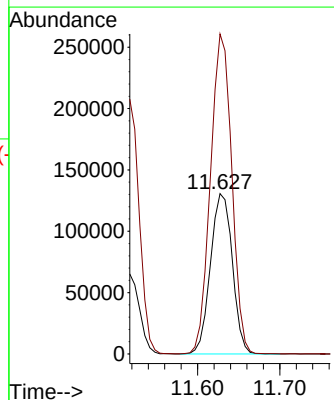
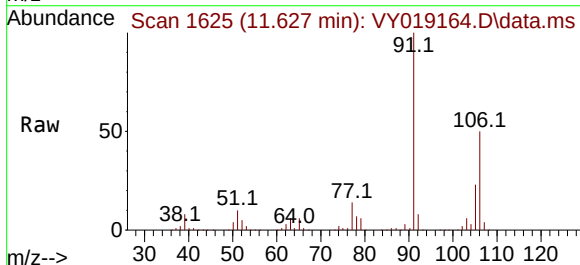
Instrument :
MSVOA_Y
ClientSampleId :

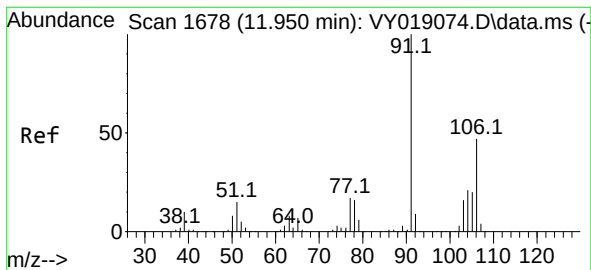
Tgt Ion: 91 Resp: 305144
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7



#68
m/p-Xylenes
Concen: 95.060 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Tgt Ion: 106 Resp: 241278
Ion Ratio Lower Upper
106 100
91 194.7 156.0 234.0

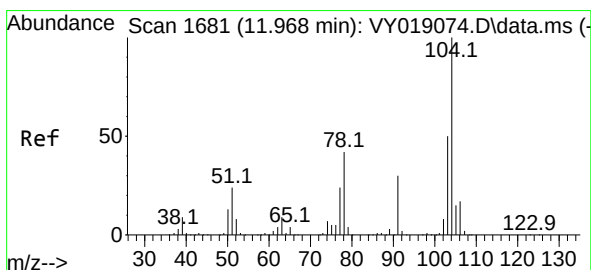
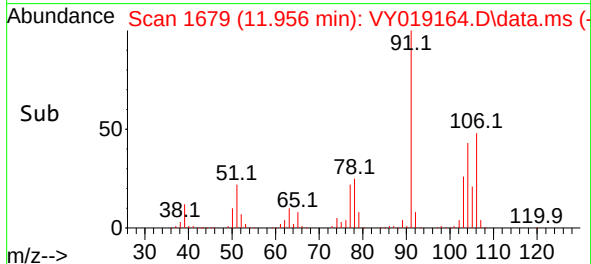
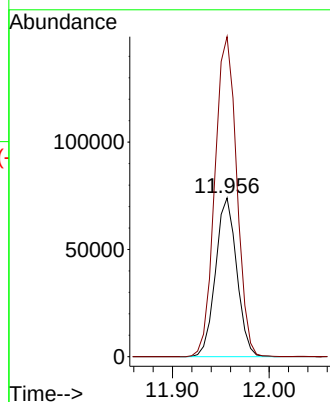
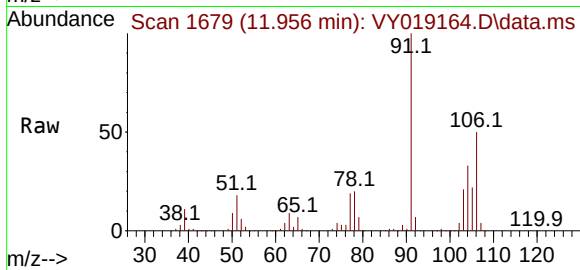




#69
o-Xylene
Concen: 47.838 ug/l
RT: 11.956 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

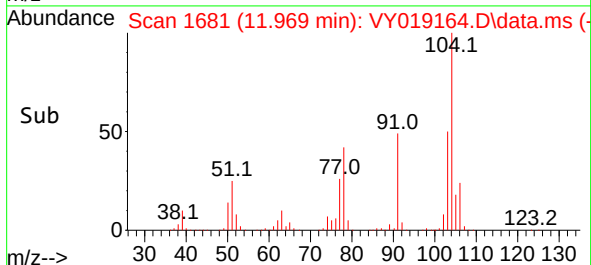
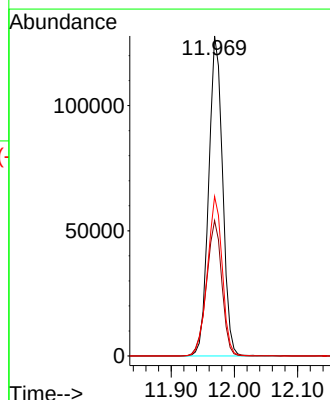
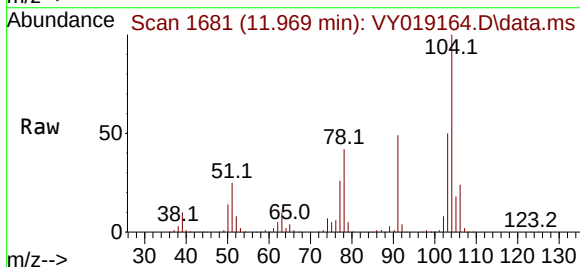
Instrument :
MSVOA_Y
ClientSampleId :

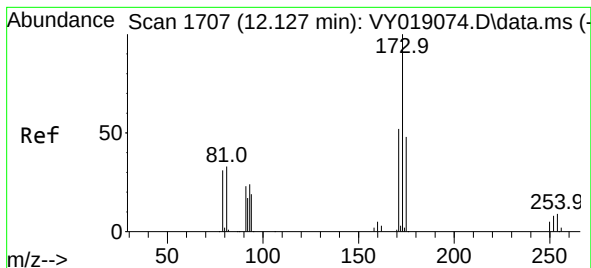
Tgt Ion:106 Resp: 112441
Ion Ratio Lower Upper
106 100
91 208.3 103.6 310.8



#70
Styrene
Concen: 48.863 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Tgt Ion:104 Resp: 195852
Ion Ratio Lower Upper
104 100
78 46.4 37.0 55.4
103 53.3 44.2 66.2





#71

Bromoform

Concen: 49.422 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019164.D

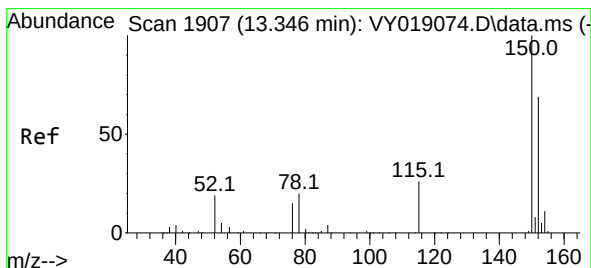
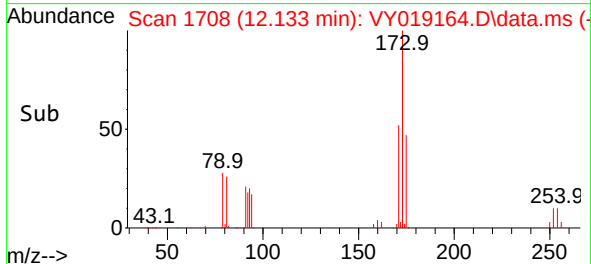
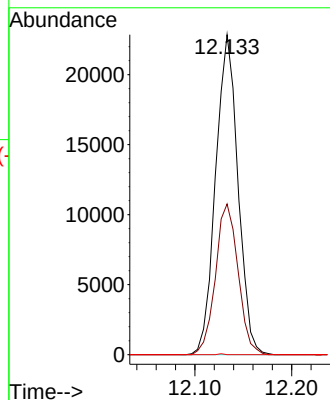
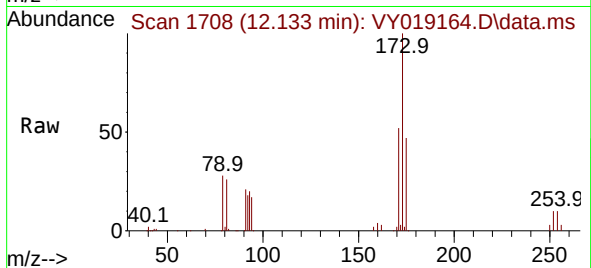
Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	36616
Ion Ratio	Lower	Upper	
173	100		
175	47.6	25.1	75.3
254	0.1	0.0	0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

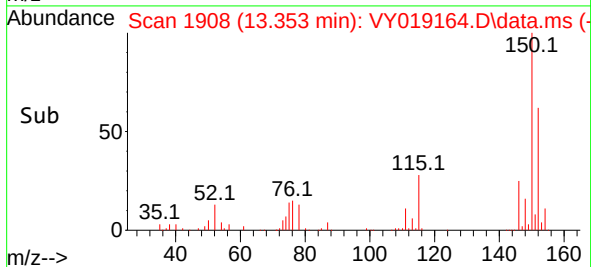
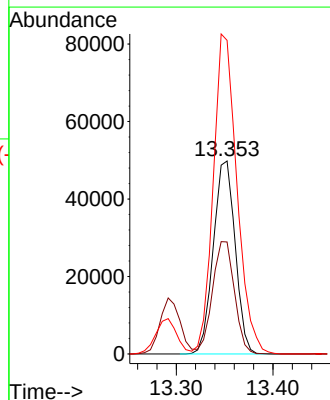
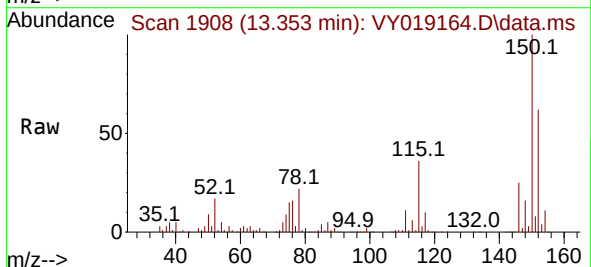
RT: 13.353 min Scan# 1908

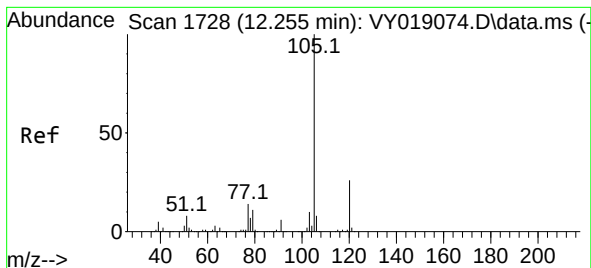
Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Tgt Ion:	152	Resp:	78209
Ion Ratio	Lower	Upper	
152	100		
115	58.2	28.2	84.7
150	179.2	0.0	345.6





#73

Isopropylbenzene

Concen: 48.960 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

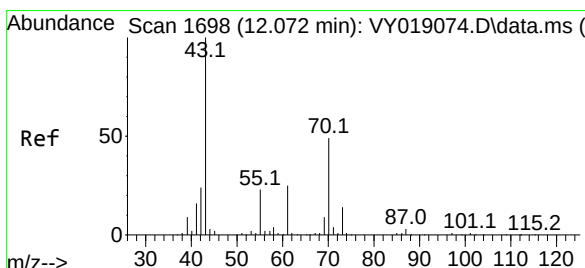
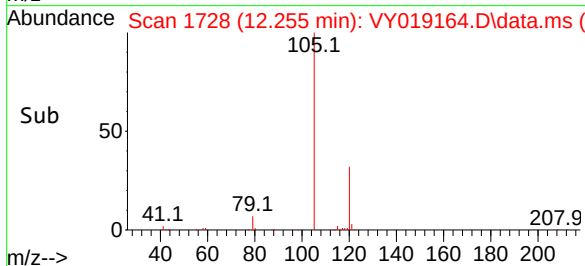
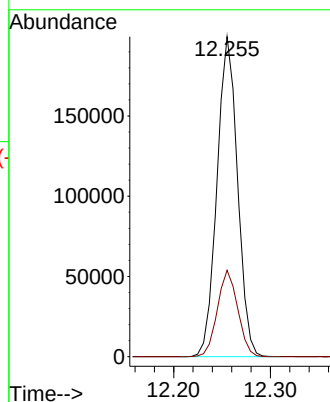
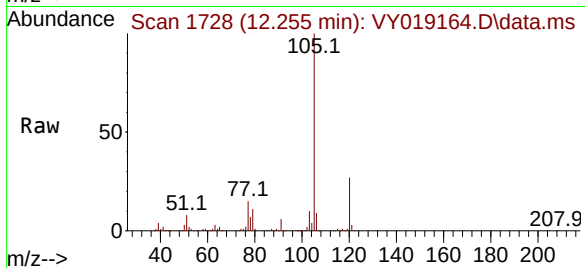
ClientSampleId :

Tgt Ion:105 Resp: 293482

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 47.190 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Tgt Ion: 43 Resp: 61682

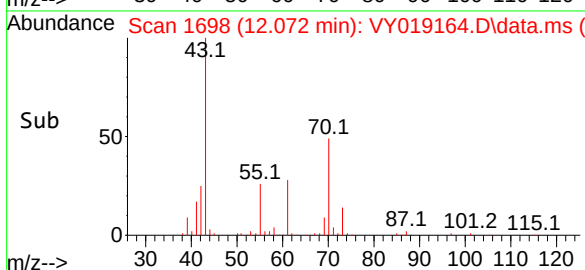
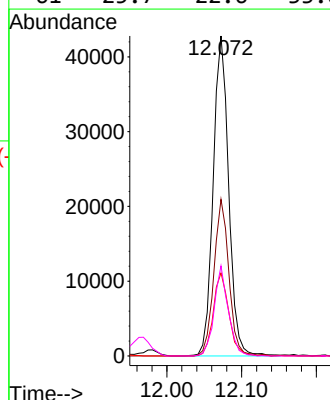
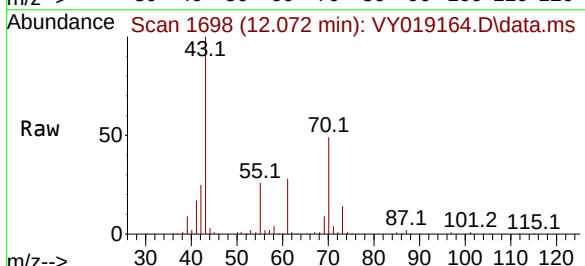
Ion Ratio Lower Upper

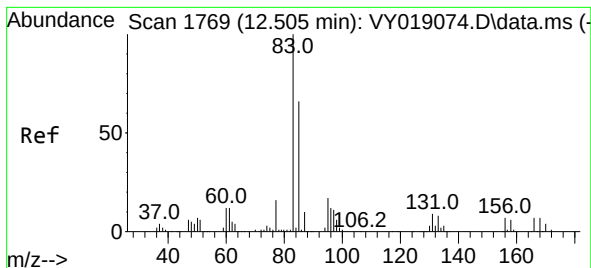
43 100

70 47.5 41.4 62.2

55 26.2 23.3 34.9

61 25.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.130 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

ClientSampleId :

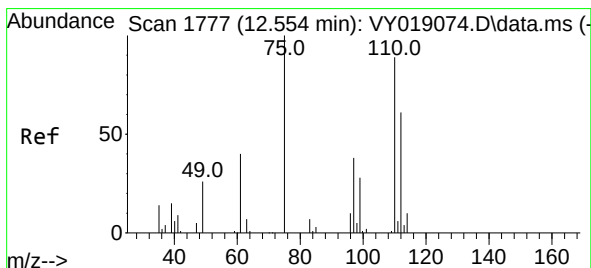
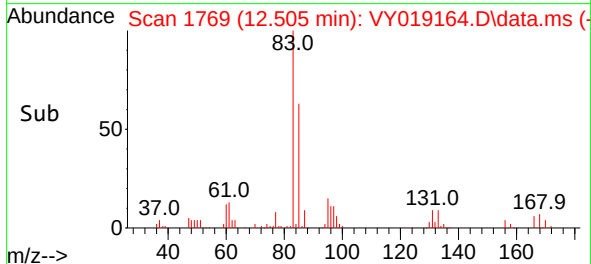
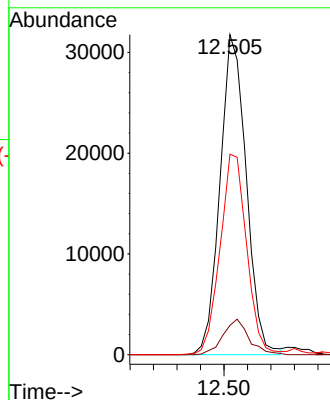
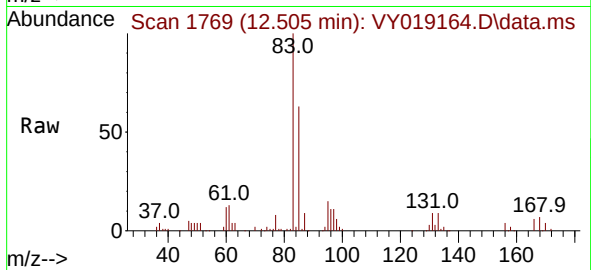
Tgt Ion: 83 Resp: 49229

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 63.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 81.344 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY019164.D

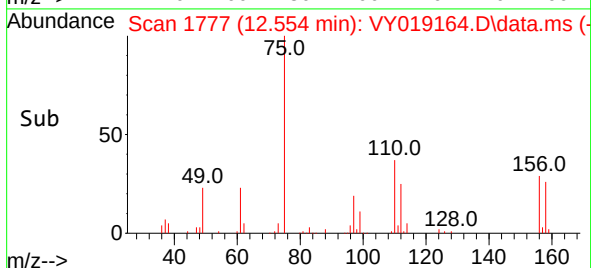
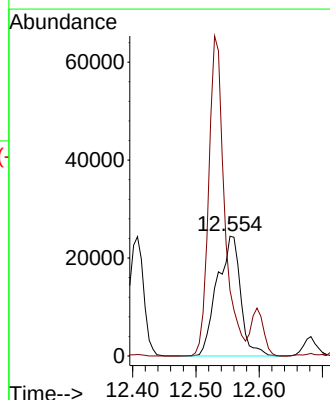
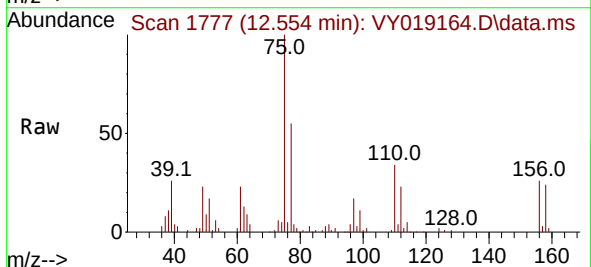
Acq: 20 Aug 2024 20:29

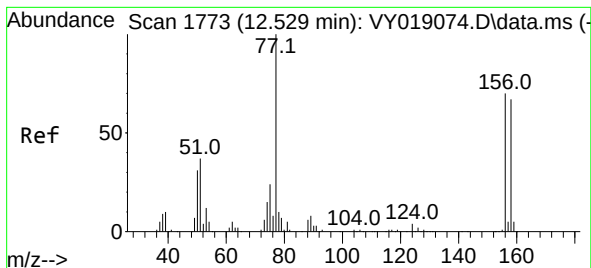
Tgt Ion: 75 Resp: 62739

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.250 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

ClientSampleId :

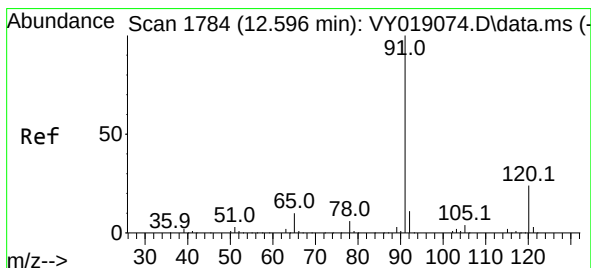
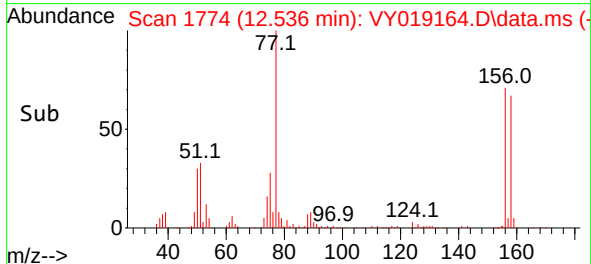
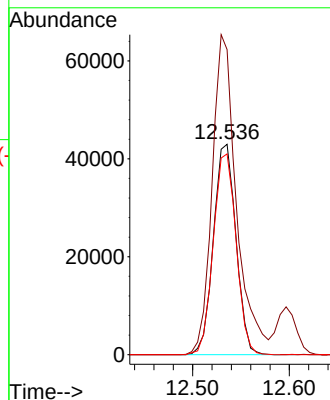
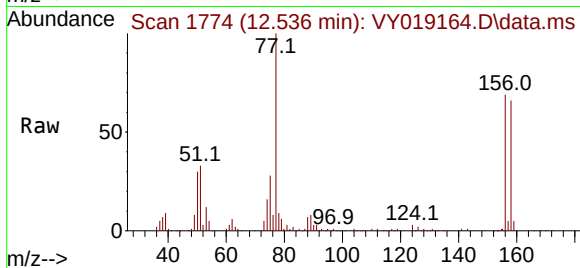
Tgt Ion:156 Resp: 69461

Ion Ratio Lower Upper

156 100

77 164.5 87.1 261.3

158 96.9 48.6 145.9



#78

n-propylbenzene

Concen: 47.836 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019164.D

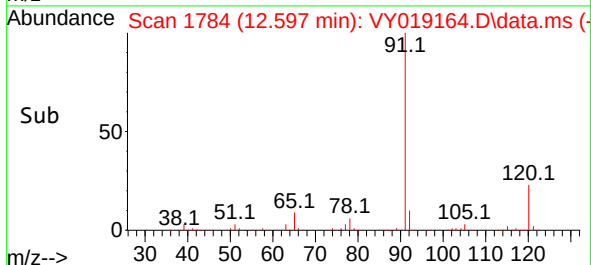
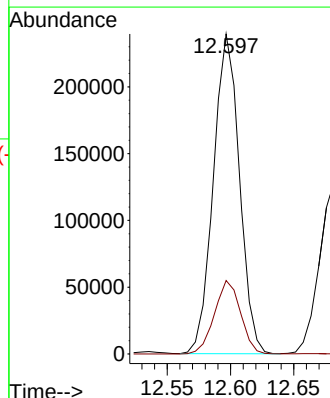
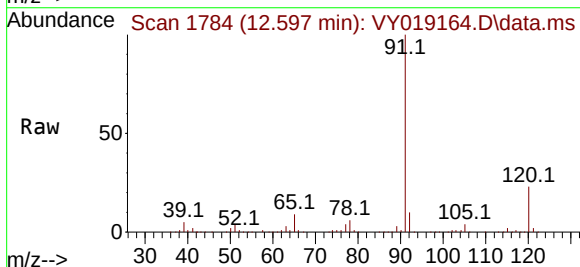
Acq: 20 Aug 2024 20:29

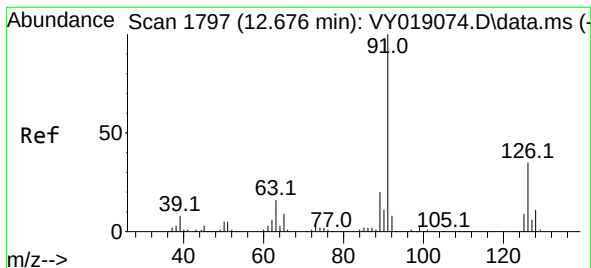
Tgt Ion: 91 Resp: 342784

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

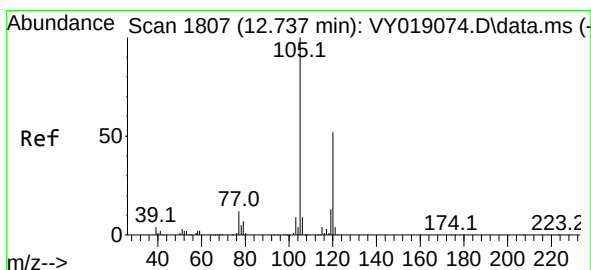
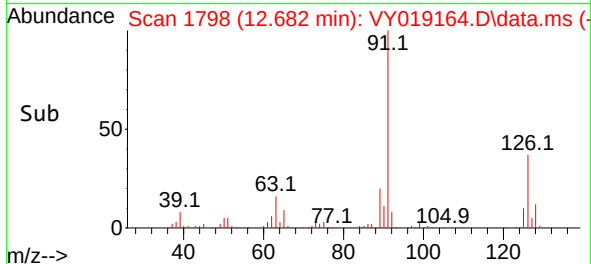
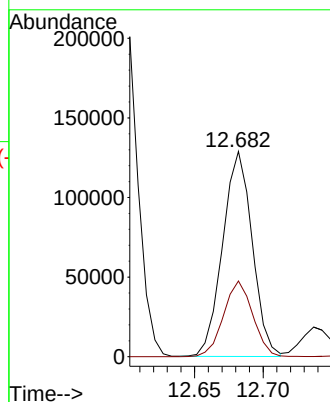
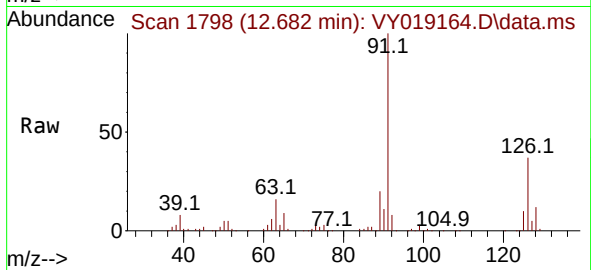




#79
2-Chlorotoluene
Concen: 48.237 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

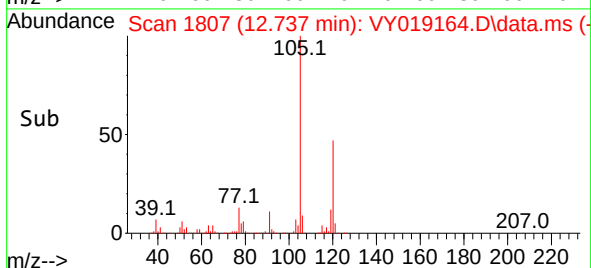
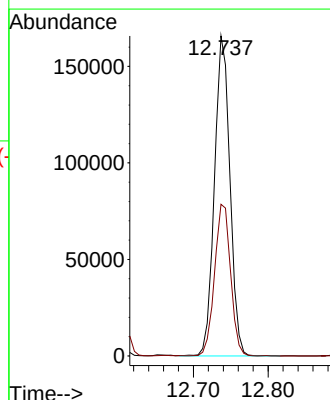
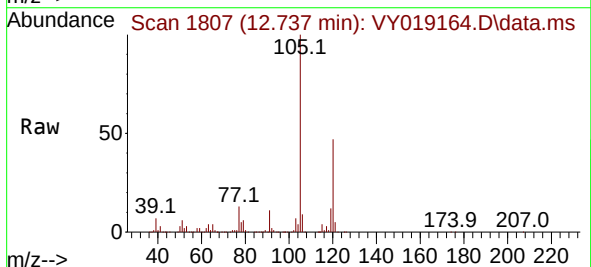
Instrument :
MSVOA_Y
ClientSampleId :

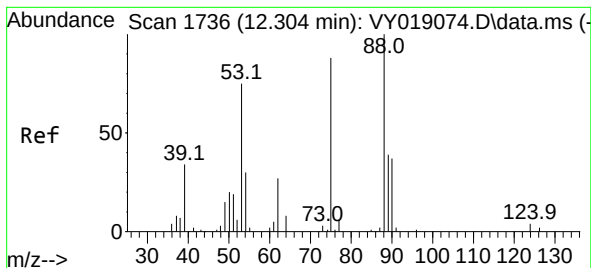
Tgt Ion: 91 Resp: 193789
Ion Ratio Lower Upper
91 100
126 36.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 48.898 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Tgt Ion: 105 Resp: 238785
Ion Ratio Lower Upper
105 100
120 49.0 25.1 75.2

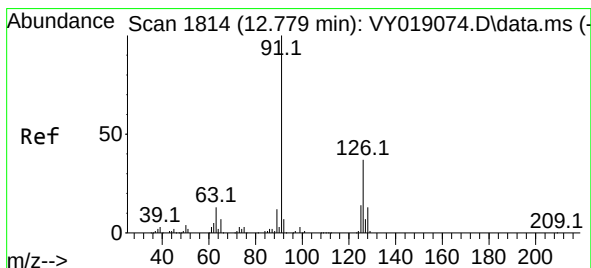
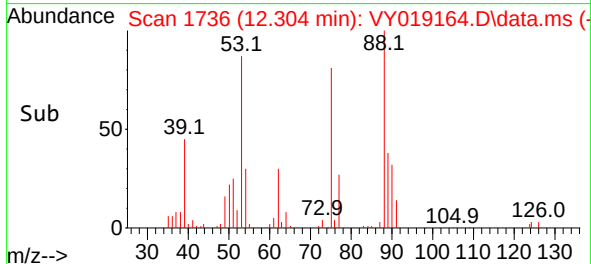
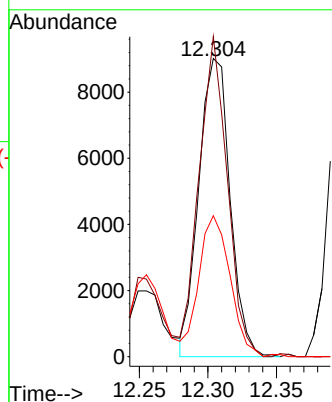
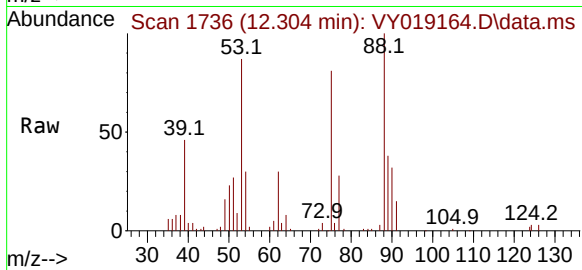




#81
trans-1,4-Dichloro-2-butene
Concen: 45.863 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

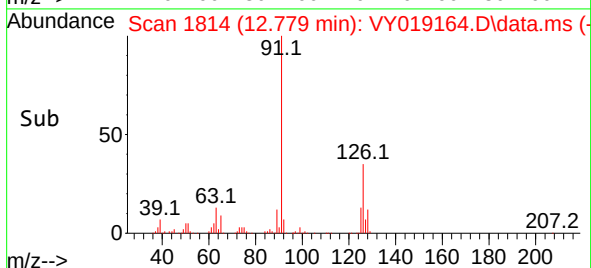
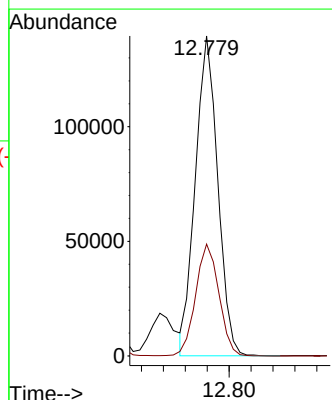
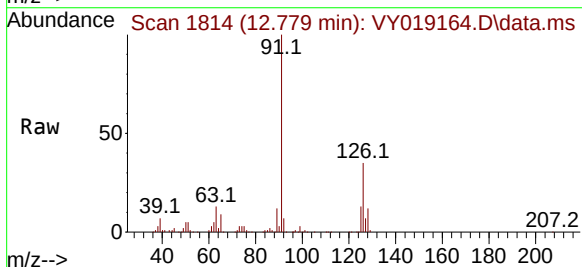
Instrument :
MSVOA_Y
ClientSampleId :

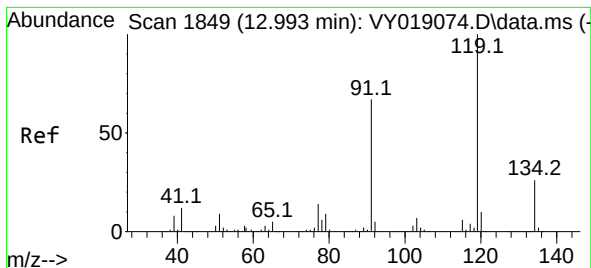
Tgt Ion: 75 Resp: 14323
Ion Ratio Lower Upper
75 100
53 96.6 66.8 100.2
89 47.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 47.333 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Tgt Ion: 91 Resp: 197841
Ion Ratio Lower Upper
91 100
126 36.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 47.911 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

ClientSampleId :

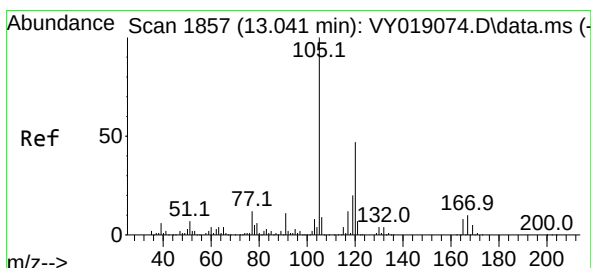
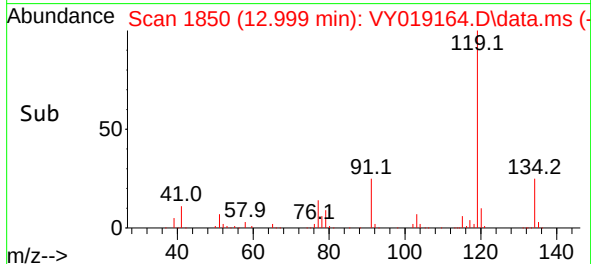
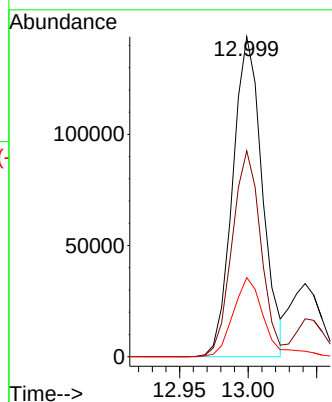
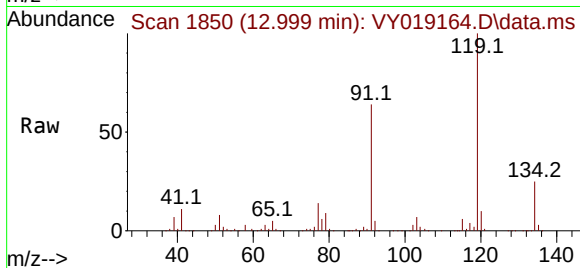
Tgt Ion:119 Resp: 216063

Ion Ratio Lower Upper

119 100

91 62.6 31.3 93.8

134 26.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 48.032 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY019164.D

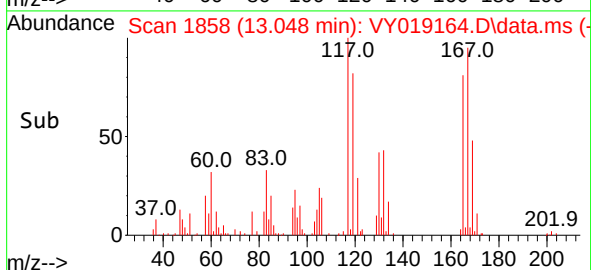
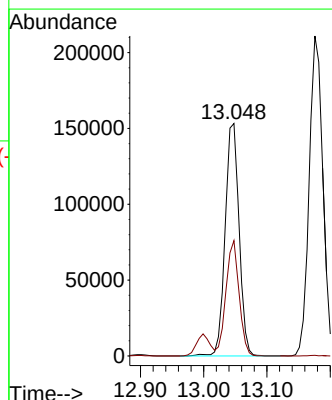
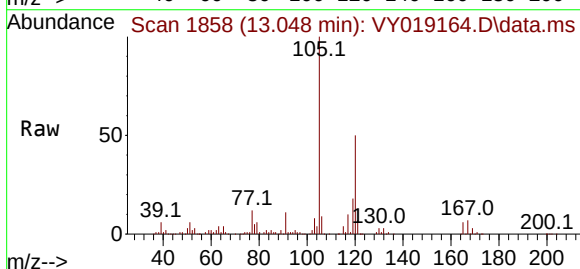
Acq: 20 Aug 2024 20:29

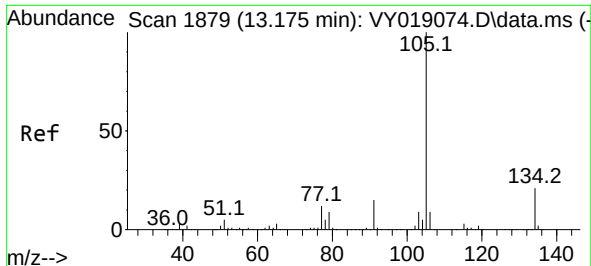
Tgt Ion:105 Resp: 233773

Ion Ratio Lower Upper

105 100

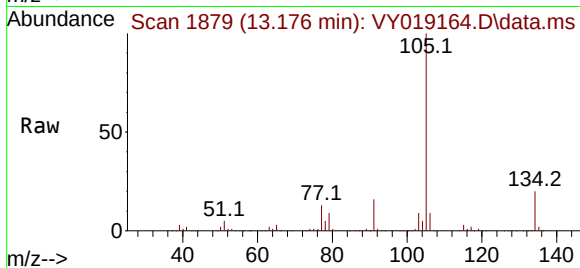
120 46.7 23.2 69.6



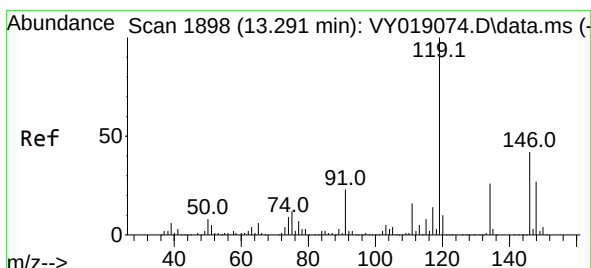
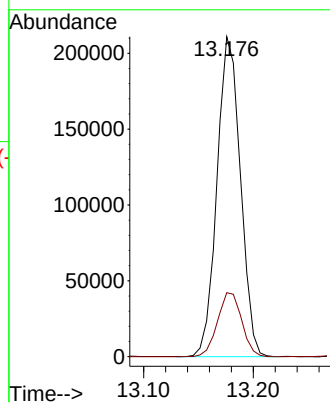
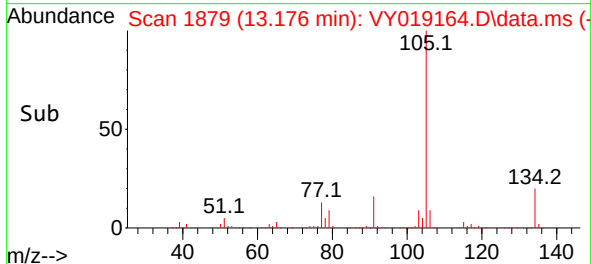


#85
 sec-Butylbenzene
 Concen: 47.685 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY019164.D
 Acq: 20 Aug 2024 20:29

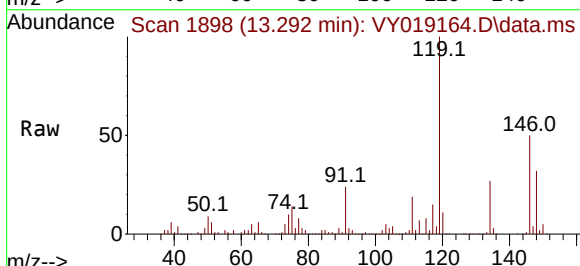
Instrument :
 MSVOA_Y
 ClientSampleId :



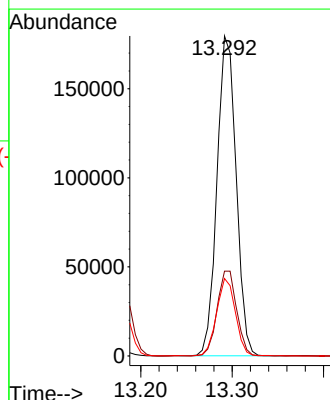
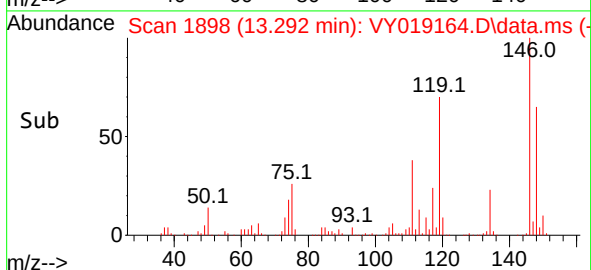
Tgt Ion:105 Resp: 313372
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1

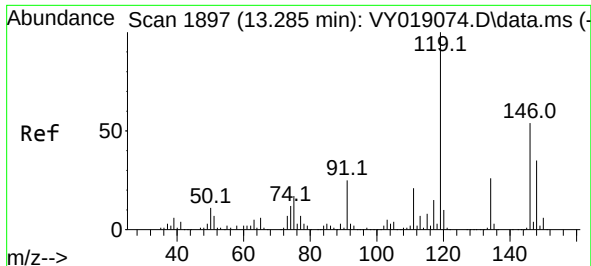


#86
 p-Isopropyltoluene
 Concen: 48.505 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019164.D
 Acq: 20 Aug 2024 20:29



Tgt Ion:119 Resp: 261830
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.1 39.3
 91 23.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 48.117 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

ClientSampleId :

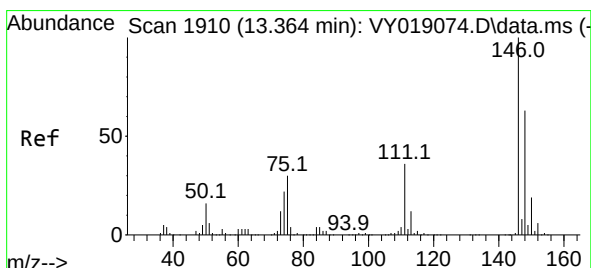
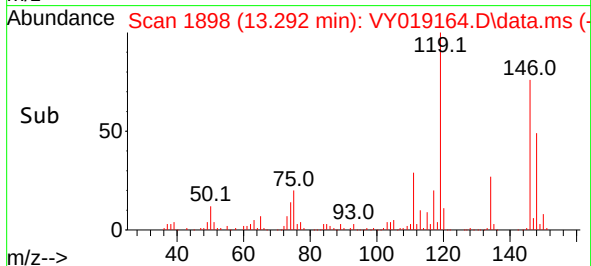
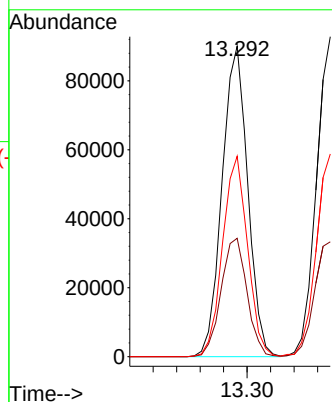
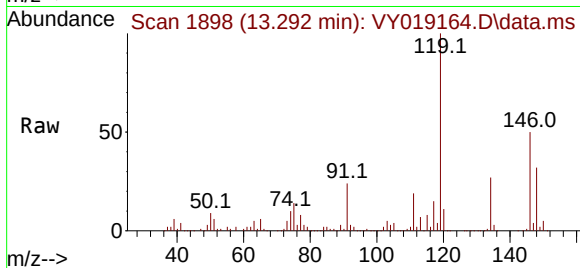
Tgt Ion:146 Resp: 136607

Ion Ratio Lower Upper

146 100

111 38.7 19.0 57.0

148 63.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 47.697 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

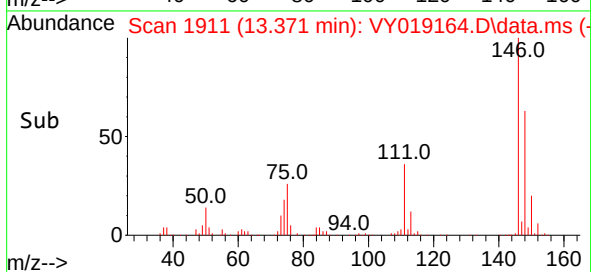
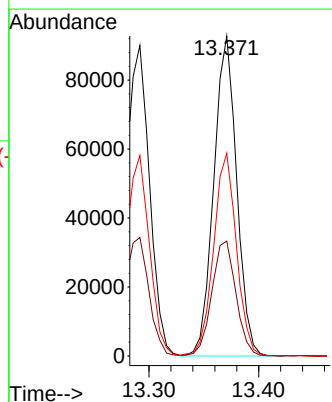
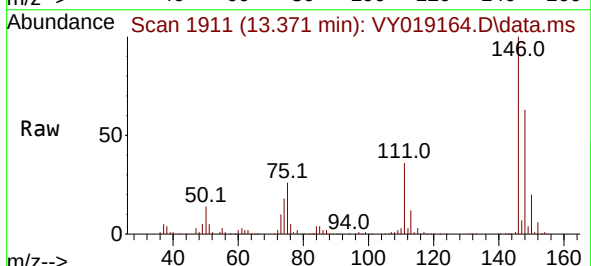
Tgt Ion:146 Resp: 134608

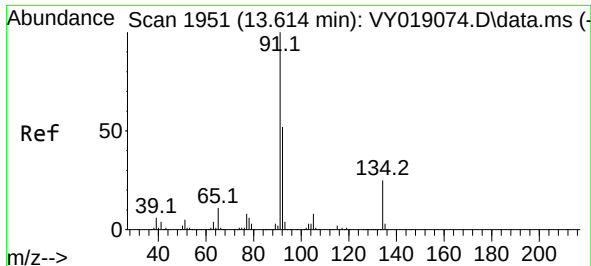
Ion Ratio Lower Upper

146 100

111 37.9 18.4 55.4

148 63.1 32.4 97.2

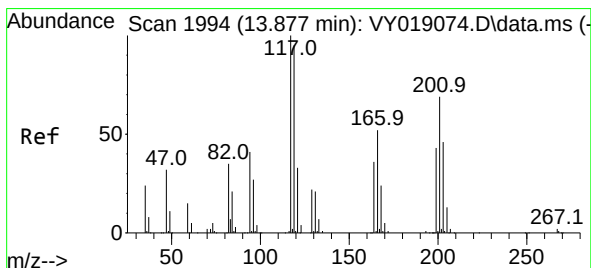
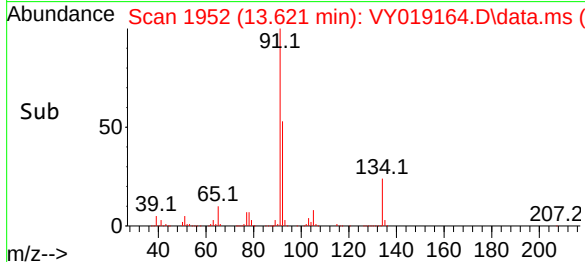
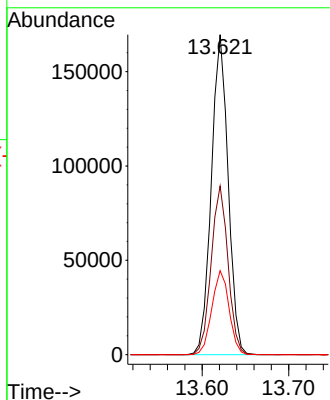
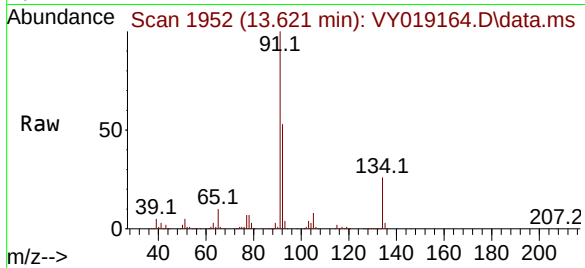




#89
n-Butylbenzene
Concen: 46.402 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

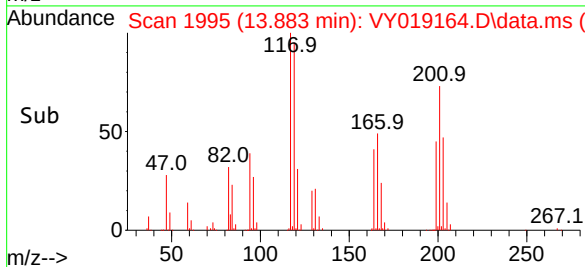
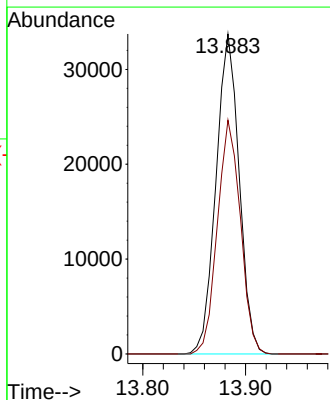
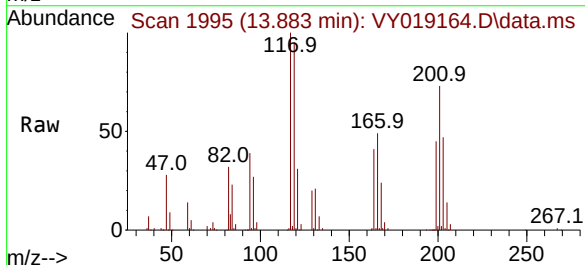
Instrument :
MSVOA_Y
ClientSampleId :

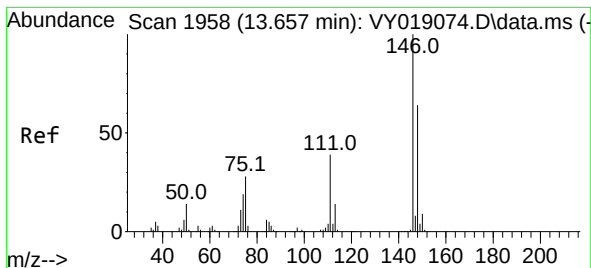
Tgt Ion: 91 Resp: 228366
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.7
134 26.9 12.9 38.7



#90
Hexachloroethane
Concen: 49.566 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY019164.D
Acq: 20 Aug 2024 20:29

Tgt Ion: 117 Resp: 52736
Ion Ratio Lower Upper
117 100
201 72.6 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 47.146 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

ClientSampleId :

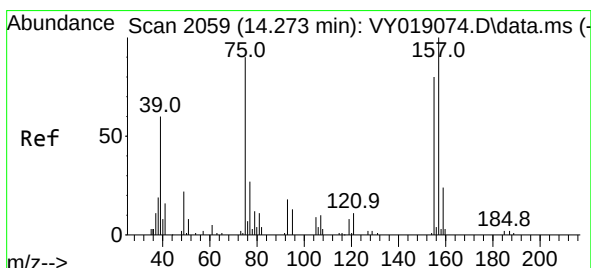
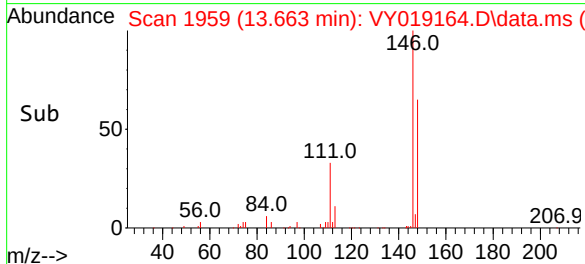
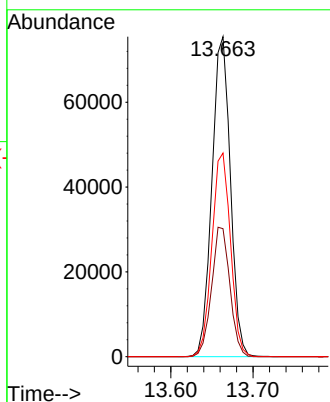
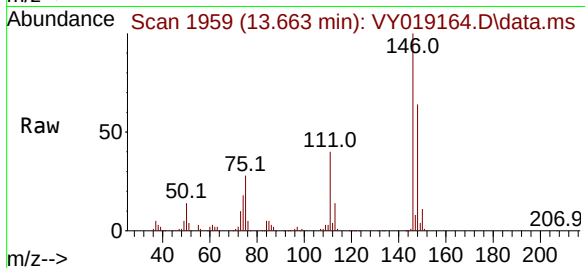
Tgt Ion:146 Resp: 117721

Ion Ratio Lower Upper

146 100

111 40.2 19.9 59.7

148 64.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.996 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

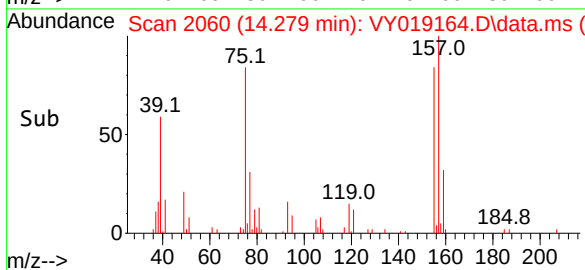
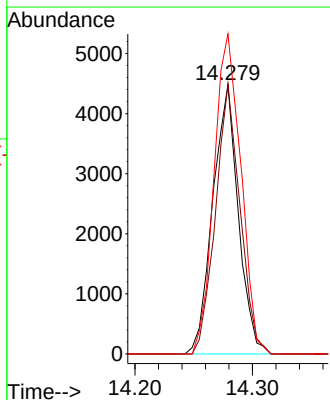
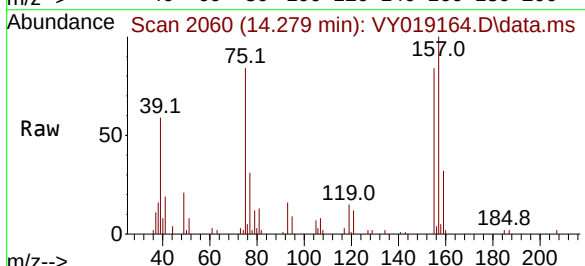
Tgt Ion: 75 Resp: 6750

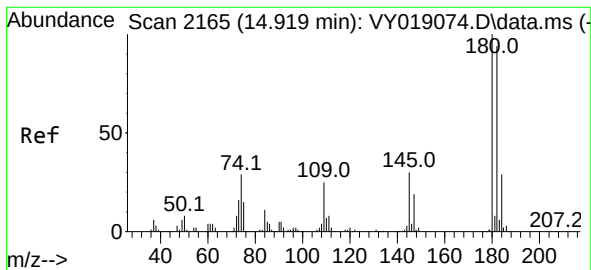
Ion Ratio Lower Upper

75 100

155 96.4 48.6 145.8

157 125.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 42.804 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

ClientSampleId :

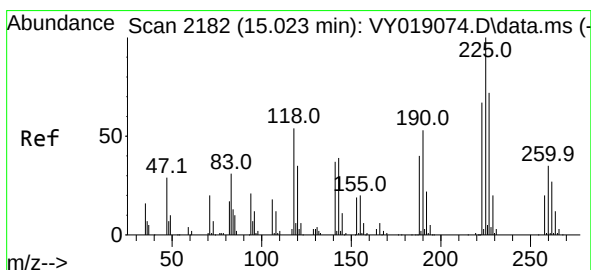
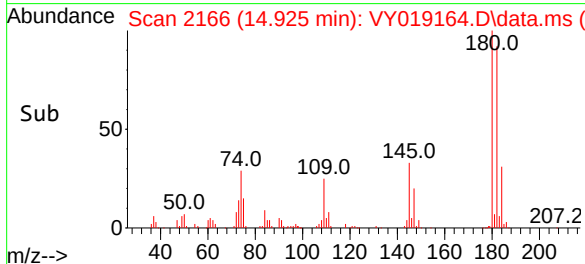
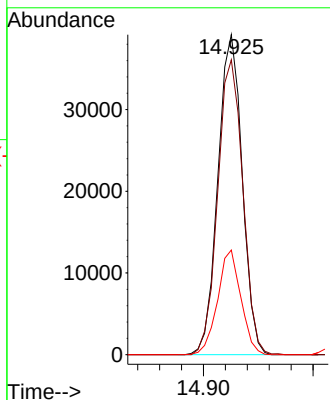
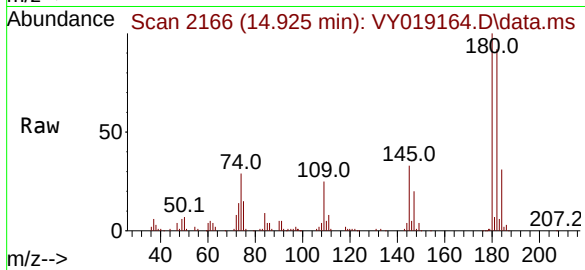
Tgt Ion:180 Resp: 60274

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.8

145 31.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 45.261 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

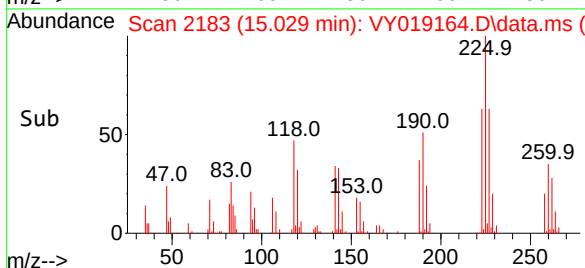
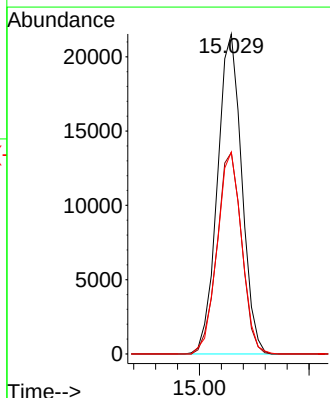
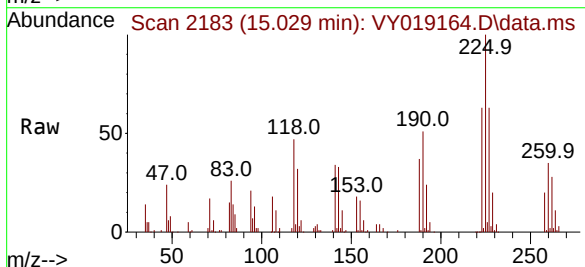
Tgt Ion:225 Resp: 33197

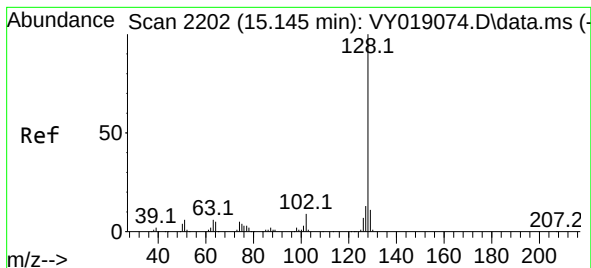
Ion Ratio Lower Upper

225 100

223 63.5 30.4 91.2

227 63.5 31.9 95.9





#95

Naphthalene

Concen: 45.851 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Instrument :

MSVOA_Y

ClientSampleId :

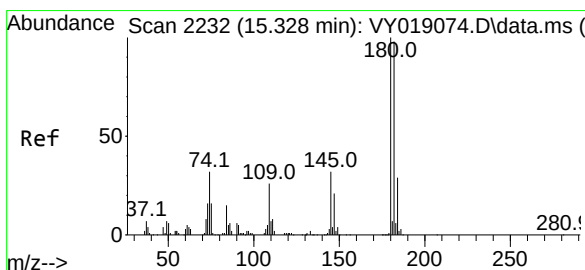
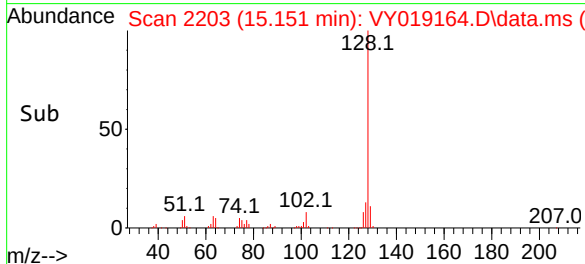
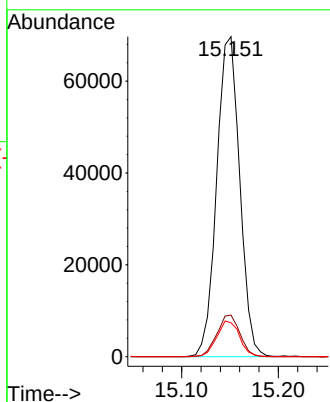
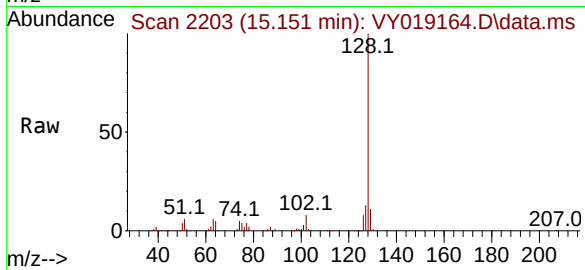
Tgt Ion:128 Resp: 115228

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 45.426 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY019164.D

Acq: 20 Aug 2024 20:29

Tgt Ion:180 Resp: 53950

Ion Ratio Lower Upper

180 100

182 93.9 47.6 142.9

145 30.1 15.4 46.1

