

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019421.D
 Acq On : 03 Sep 2024 11:45
 Operator : SY/MD
 Sample : VY0903SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 04 01:31:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	124522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	194178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	118116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	84811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	67424	57.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.340%
35) Dibromofluoromethane	7.634	113	68686	55.949	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.900%
50) Toluene-d8	10.109	98	211468	46.793	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.580%
62) 4-Bromofluorobenzene	12.408	95	57986	39.670	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	79.340%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	20811	20.511	ug/l	99
3) Chloromethane	2.074	50	30418	18.427	ug/l	98
4) Vinyl Chloride	2.208	62	33971	17.937	ug/l	100
5) Bromomethane	2.592	94	27571	20.266	ug/l	97
6) Chloroethane	2.739	64	21050	18.249	ug/l	98
7) Trichlorofluoromethane	3.056	101	43654	19.472	ug/l	97
8) Diethyl Ether	3.458	74	13157	24.848	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	27584	21.673	ug/l	98
10) Methyl Iodide	4.000	142	25945	20.913	ug/l	94
11) Tert butyl alcohol	4.872	59	7203	108.359	ug/l #	85
12) 1,1-Dichloroethene	3.787	96	25175	21.689	ug/l	94
13) Acrolein	3.647	56	8510	109.777	ug/l	96
14) Allyl chloride	4.385	41	35156	21.938	ug/l	92
15) Acrylonitrile	5.049	53	26082	120.576	ug/l	98
16) Acetone	3.872	43	30624	132.009	ug/l	100
17) Carbon Disulfide	4.104	76	72047	21.501	ug/l	98
18) Methyl Acetate	4.385	43	11838	23.115	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	59259	22.394	ug/l	96
20) Methylene Chloride	4.610	84	29621	16.241	ug/l	95
21) trans-1,2-Dichloroethene	5.104	96	27777	21.011	ug/l	99
22) Diisopropyl ether	6.012	45	77380	21.463	ug/l #	88
23) Vinyl Acetate	5.957	43	220707	109.987	ug/l	95
24) 1,1-Dichloroethane	5.909	63	46203	21.206	ug/l	97
25) 2-Butanone	6.890	43	38596	124.383	ug/l	93
26) 2,2-Dichloropropane	6.884	77	40008	21.082	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	32060	21.180	ug/l	96
28) Bromochloromethane	7.244	49	19033	21.262	ug/l	95
29) Tetrahydrofuran	7.256	42	21434	114.962	ug/l	93
30) Chloroform	7.414	83	52763	21.633	ug/l	98
31) Cyclohexane	7.701	56	40303	20.094	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	47752	21.096	ug/l	98
36) 1,1-Dichloropropene	7.835	75	35682	20.567	ug/l	99
37) Ethyl Acetate	6.976	43	16941	24.669	ug/l	96
38) Carbon Tetrachloride	7.817	117	44223	20.914	ug/l	99
39) Methylcyclohexane	9.109	83	45562	20.480	ug/l	96
40) Benzene	8.079	78	110827	20.991	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	6771	16.350	ug/l	94
42) 1,2-Dichloroethane	8.158	62	29352	20.948	ug/l	96
43) Isopropyl Acetate	8.195	43	29647	22.121	ug/l #	82
44) Trichloroethene	8.865	130	30507	21.037	ug/l	89
45) 1,2-Dichloropropane	9.140	63	23262	20.328	ug/l	100
46) Dibromomethane	9.231	93	15474	22.480	ug/l	97
47) Bromodichloromethane	9.426	83	39022	21.465	ug/l	95
48) Methyl methacrylate	9.225	41	13389	21.131	ug/l	91
49) 1,4-Dioxane	9.231	88	3352	444.482	ug/l #	89
51) 4-Methyl-2-Pentanone	9.999	43	63745	90.832	ug/l	95
52) Toluene	10.170	92	61098	17.651	ug/l	95
53) t-1,3-Dichloropropene	10.396	75	26054	17.352	ug/l #	87
54) cis-1,3-Dichloropropene	9.859	75	33810	19.017	ug/l #	87
55) 1,1,2-Trichloroethane	10.572	97	16838	19.176	ug/l	94
56) Ethyl methacrylate	10.438	69	19675	17.249	ug/l #	81
57) 1,3-Dichloropropane	10.725	76	27575	19.224	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	51685	101.069	ug/l	95
59) 2-Hexanone	10.761	43	46337	99.567	ug/l	93
60) Dibromochloromethane	10.914	129	18462	15.422	ug/l	95
61) 1,2-Dibromoethane	11.018	107	13984	17.287	ug/l	94
64) Tetrachloroethene	10.652	164	28058	24.321	ug/l	98
65) Chlorobenzene	11.444	112	55606	21.042	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	18660	20.364	ug/l	98
67) Ethyl Benzene	11.524	91	94900	20.541	ug/l	98
68) m/p-Xylenes	11.633	106	75012	41.035	ug/l	99
69) o-Xylene	11.956	106	35967	21.124	ug/l	96
70) Styrene	11.975	104	58374	20.952	ug/l	98
71) Bromoform	12.133	173	10969	22.520	ug/l #	95
73) Isopropylbenzene	12.261	105	92936	13.743	ug/l	100
74) N-amyl acetate	12.072	43	19024	14.630	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	16994	16.908	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	20083	26.964	ug/l #	100
77) Bromobenzene	12.536	156	21596	13.554	ug/l	98
78) n-propylbenzene	12.596	91	113876	13.937	ug/l	98
79) 2-Chlorotoluene	12.682	91	64592	14.189	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	80050	15.024	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	4770	15.845	ug/l	90
82) 4-Chlorotoluene	12.779	91	68579	14.892	ug/l	98
83) tert-Butylbenzene	12.999	119	71490	14.670	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	77639	15.177	ug/l	95
85) sec-Butylbenzene	13.182	105	122618	17.168	ug/l	99
86) p-Isopropyltoluene	13.298	119	106857	18.367	ug/l	95
87) 1,3-Dichlorobenzene	13.291	146	55637	18.981	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	62948	21.523	ug/l	99
89) n-Butylbenzene	13.621	91	107007	20.018	ug/l	99
90) Hexachloroethane	13.883	117	22960	19.468	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	54485	21.061	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3346	24.454	ug/l	83
93) 1,2,4-Trichlorobenzene	14.925	180	30618	23.034	ug/l	99
94) Hexachlorobutadiene	15.029	225	17799	18.625	ug/l	95
95) Naphthalene	15.145	128	50099	23.018	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	25822	22.705	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
Response via : Initial Calibration

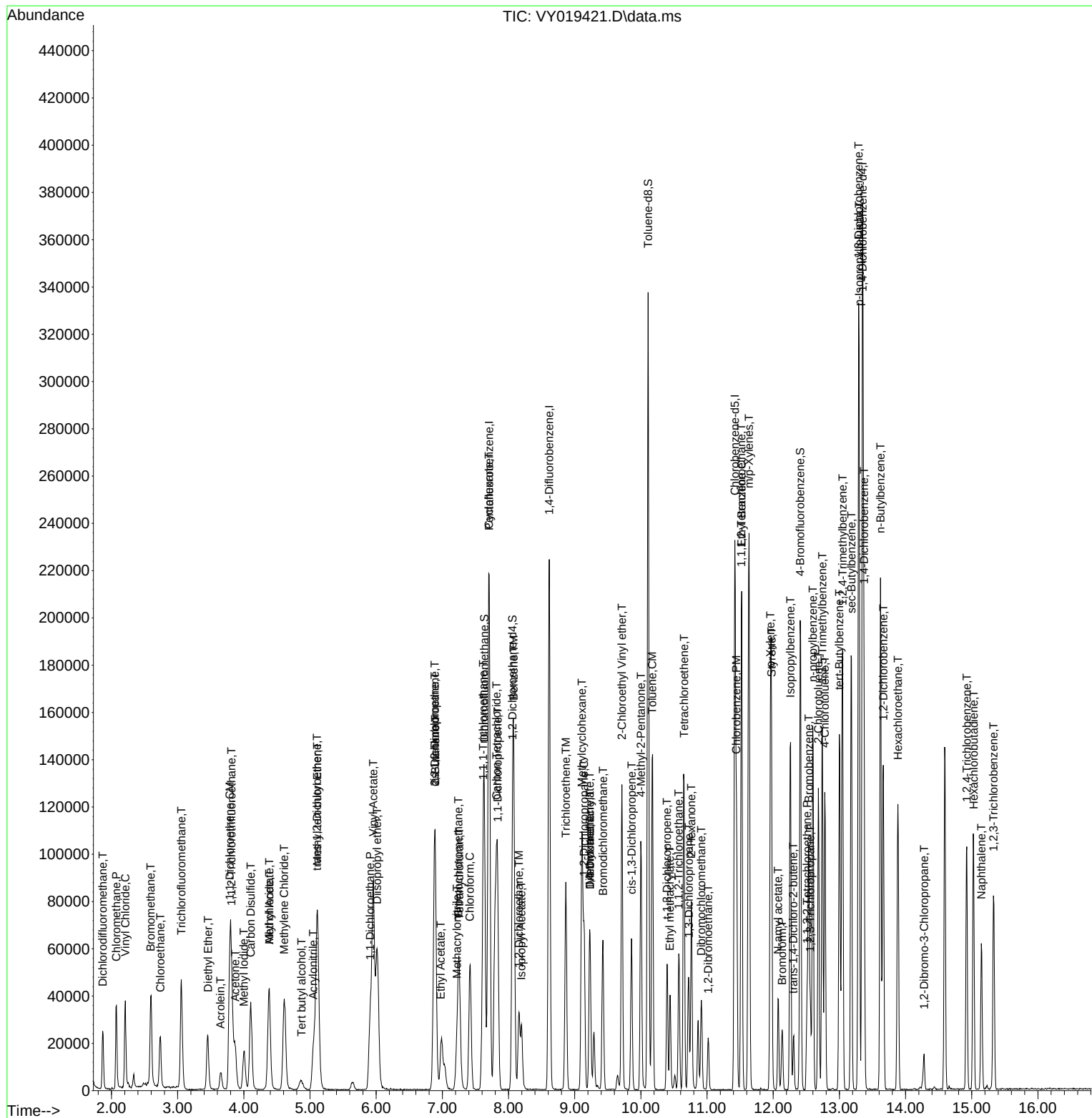
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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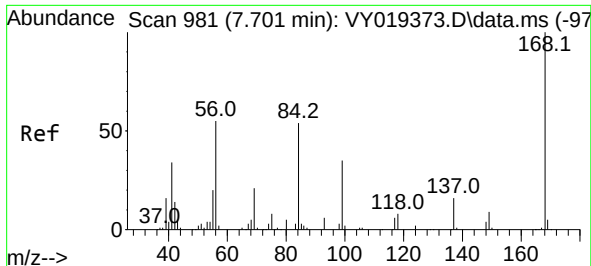
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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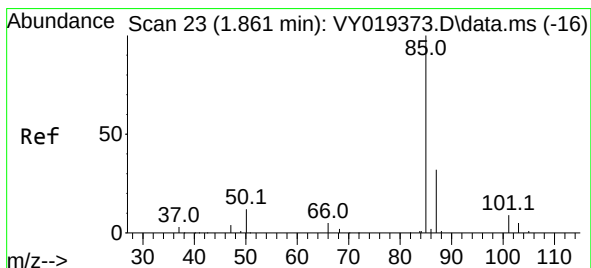
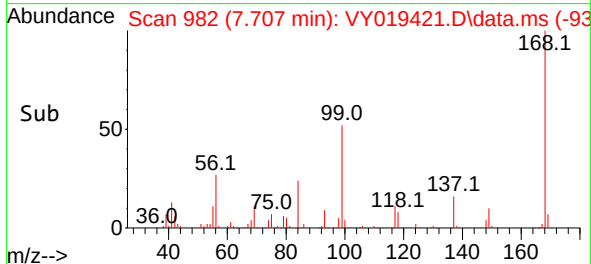
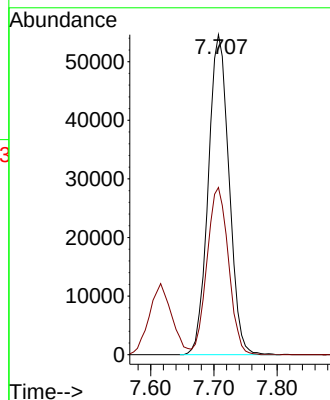
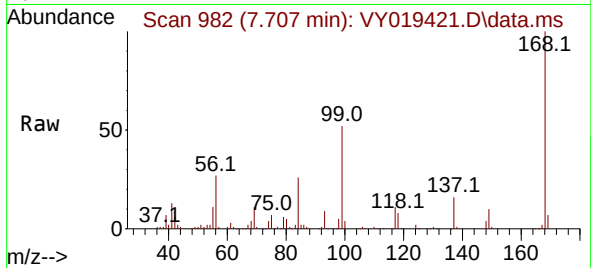




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
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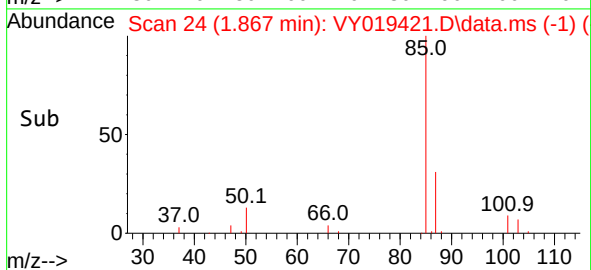
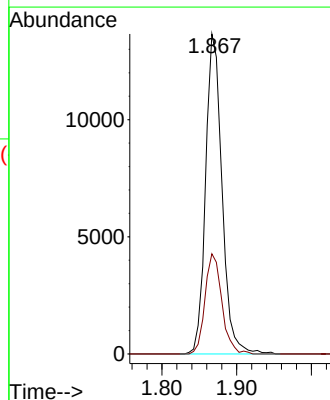
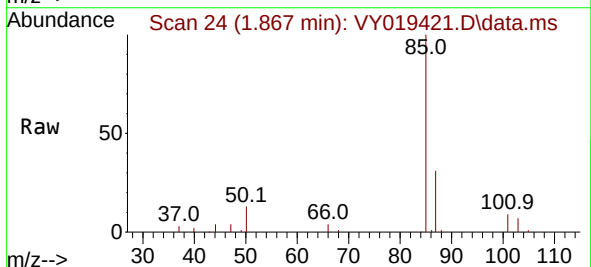
Instrument :
MSVOA_Y
ClientSampleId :

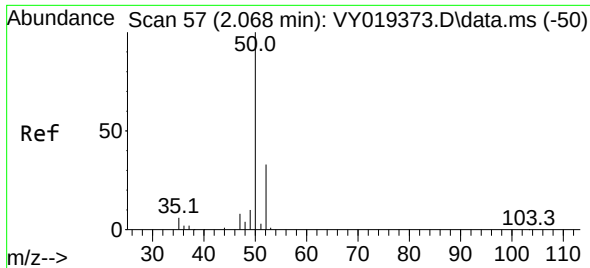
Tgt Ion:168 Resp: 124522
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 20.511 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion: 85 Resp: 20811
Ion Ratio Lower Upper
85 100
87 31.3 16.0 48.0

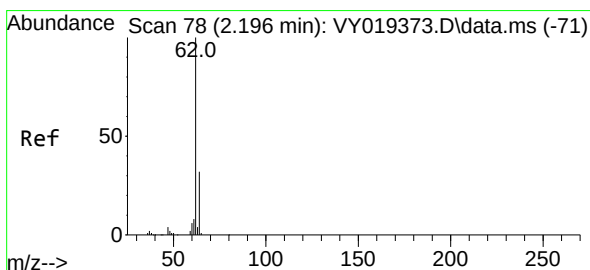
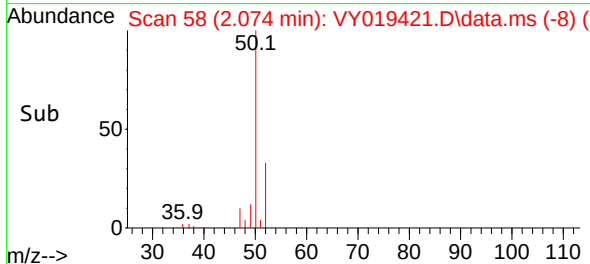
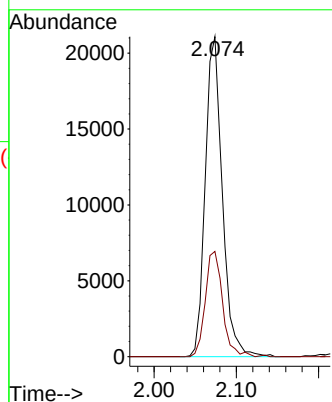
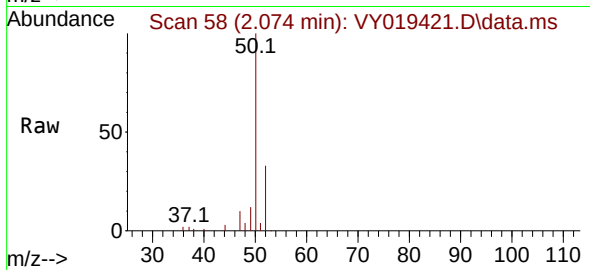




#3
Chloromethane
Concen: 18.427 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

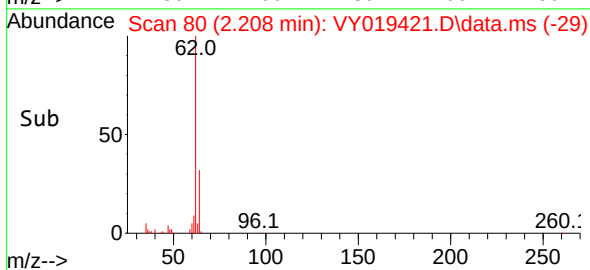
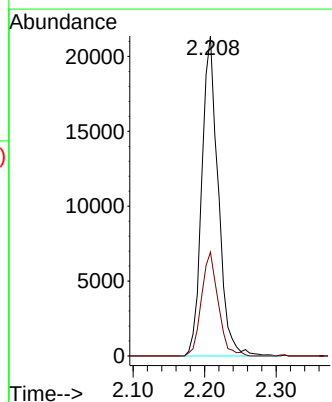
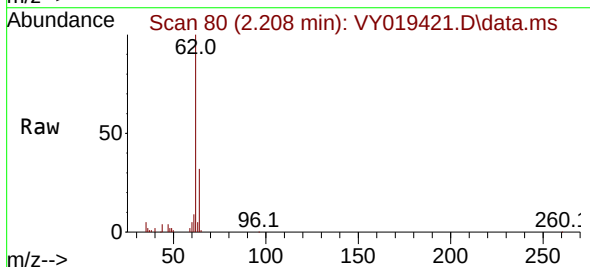
Instrument :
MSVOA_Y
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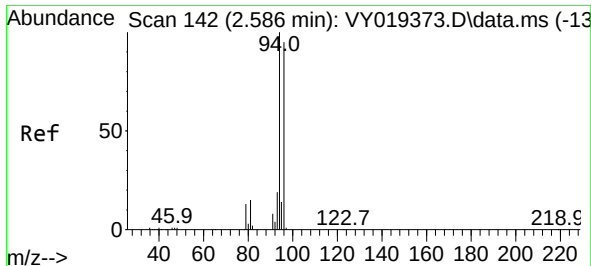
Tgt Ion: 50 Resp: 30418
Ion Ratio Lower Upper
50 100
52 32.9 25.6 38.4



#4
Vinyl Chloride
Concen: 17.937 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion: 62 Resp: 33971
Ion Ratio Lower Upper
62 100
64 32.5 26.1 39.1

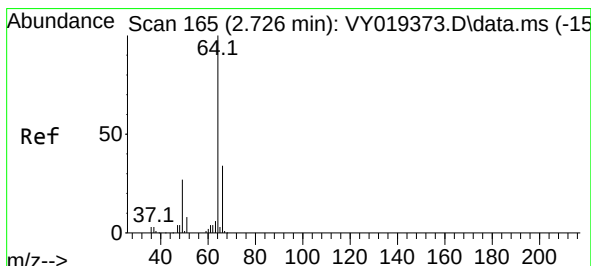
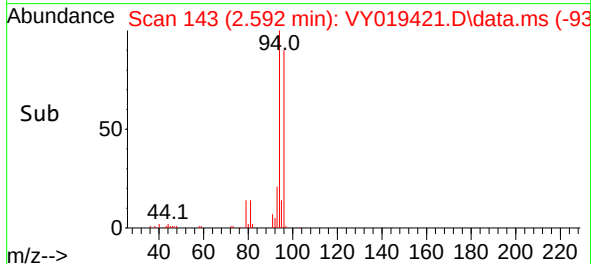
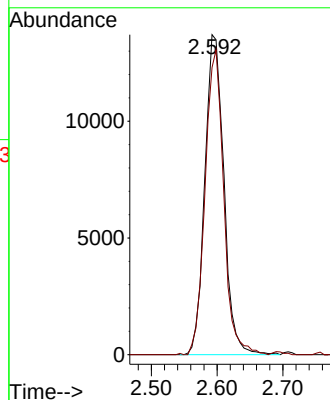
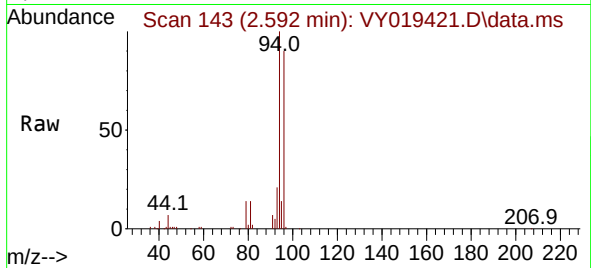




#5
Bromomethane
Concen: 20.266 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

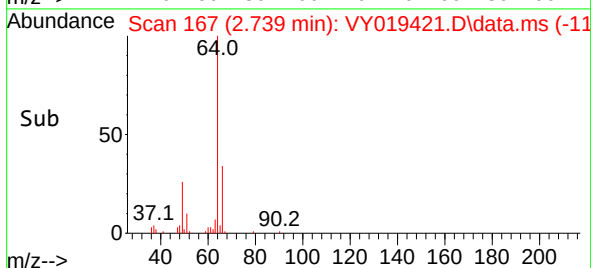
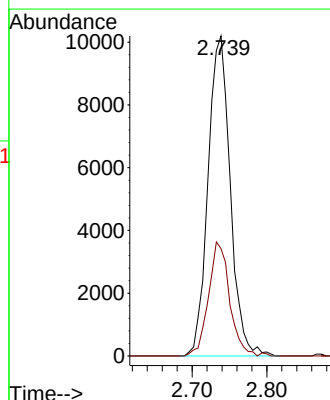
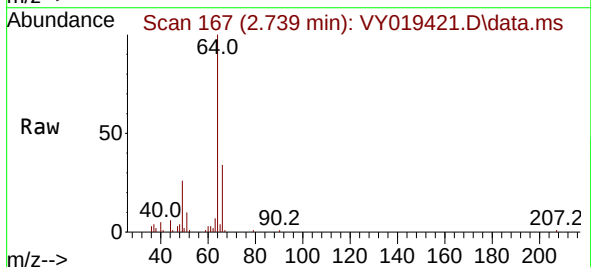
Instrument :
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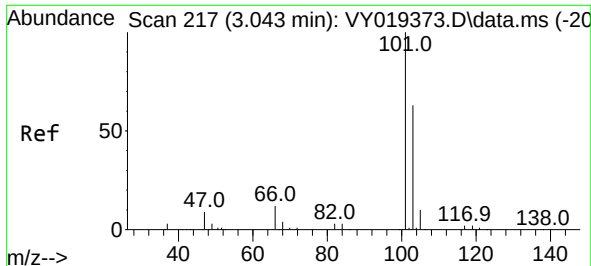
Tgt Ion: 94 Resp: 27571
Ion Ratio Lower Upper
94 100
96 89.4 74.1 111.1



#6
Chloroethane
Concen: 18.249 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY019421.D
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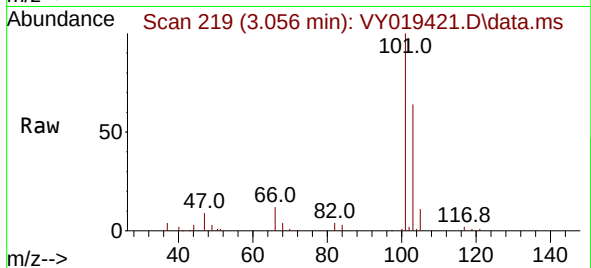
Tgt Ion: 64 Resp: 21050
Ion Ratio Lower Upper
64 100
66 33.5 26.1 39.1



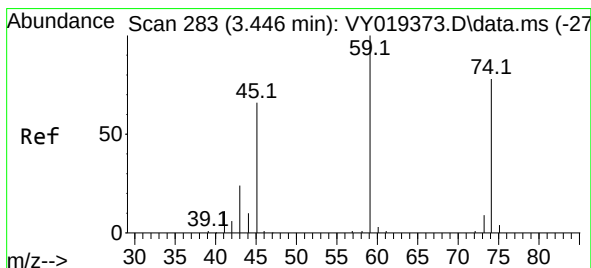
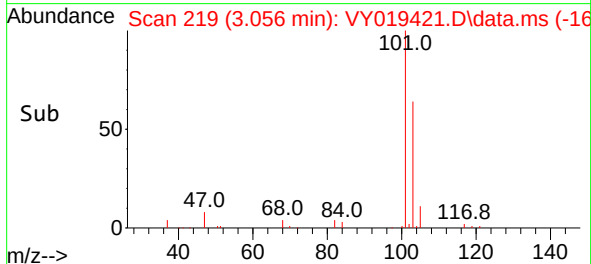
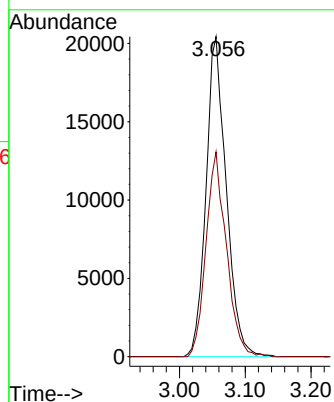


#7
 Trichlorofluoromethane
 Concen: 19.472 ug/l
 RT: 3.056 min Scan# 217
 Delta R.T. 0.012 min
 Lab File: VY019421.D
 Acq: 03 Sep 2024 11:45

Instrument :
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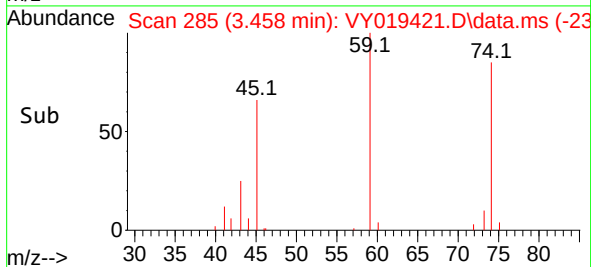
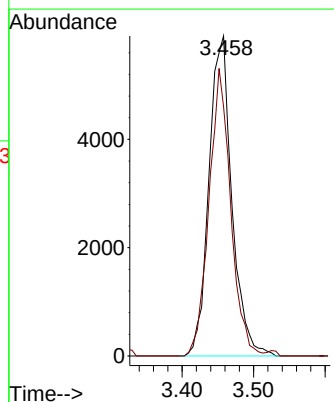
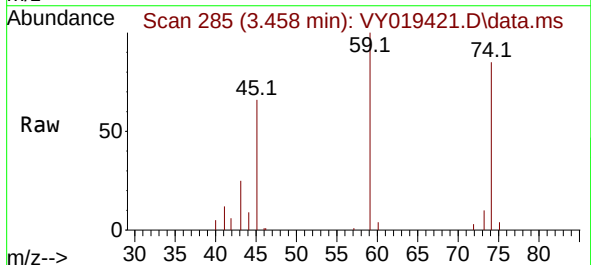


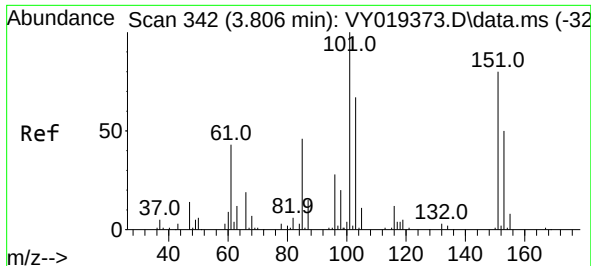
Tgt Ion:101 Resp: 43654
 Ion Ratio Lower Upper
 101 100
 103 64.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 24.848 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.012 min
 Lab File: VY019421.D
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Tgt Ion: 74 Resp: 13157
 Ion Ratio Lower Upper
 74 100
 45 85.0 41.3 124.1

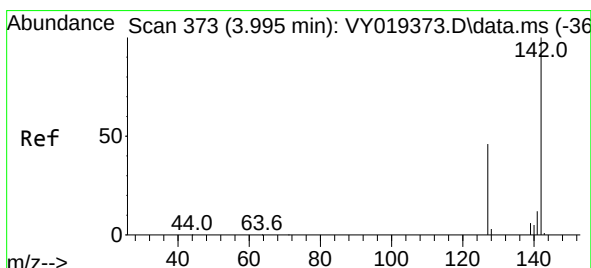
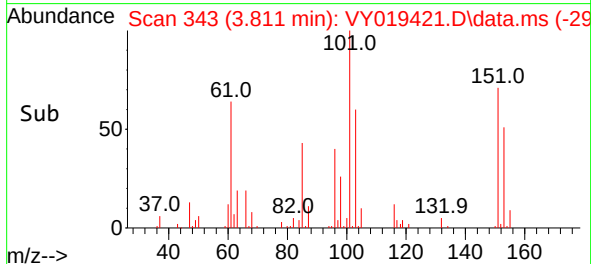
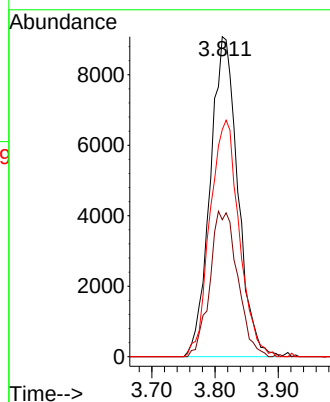
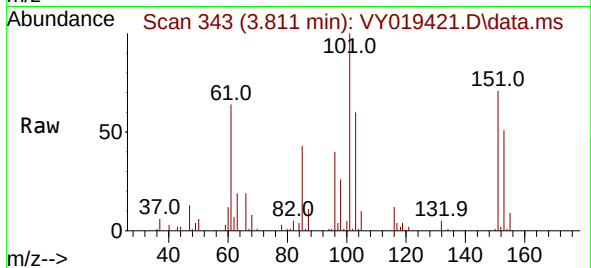




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.673 ug/l
RT: 3.811 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

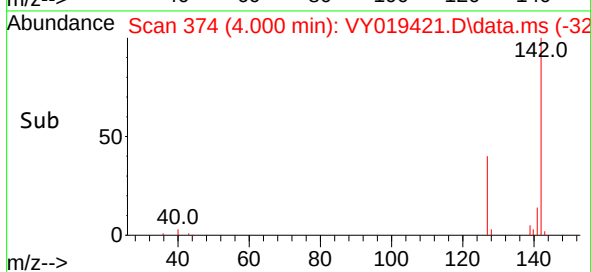
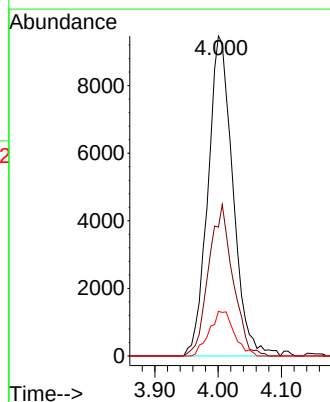
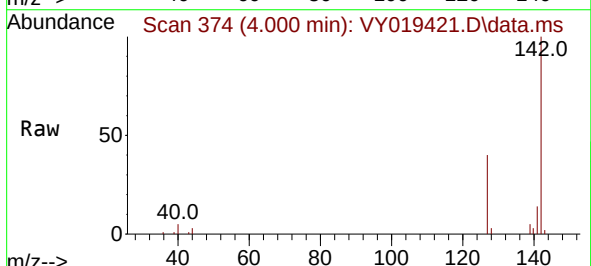
Instrument :
MSVOA_Y
ClientSampleId :

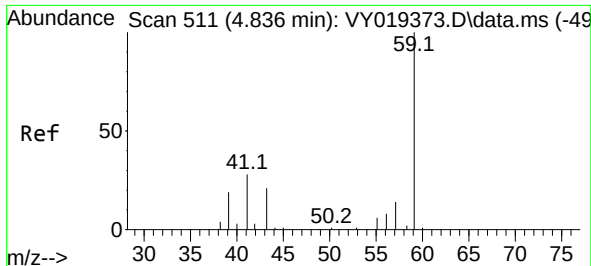
Tgt Ion:	101	Resp:	27584
Ion	Ratio	Lower	Upper
101	100		
85	45.7	34.5	51.7
151	77.9	61.7	92.5



#10
Methyl Iodide
Concen: 20.913 ug/l
RT: 4.000 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion:	142	Resp:	25945
Ion	Ratio	Lower	Upper
142	100		
127	46.0	32.8	49.2
141	14.0	11.4	17.2

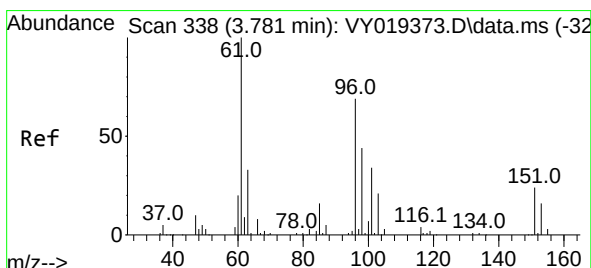
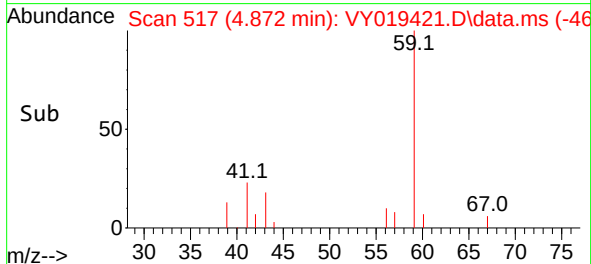
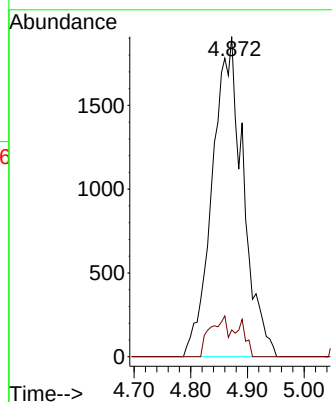
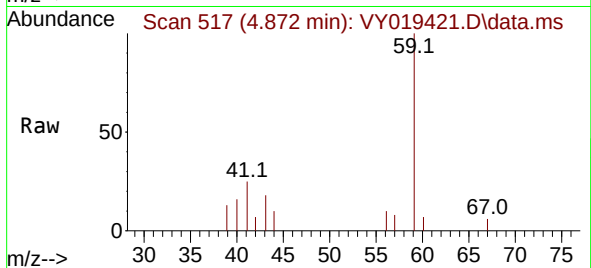




#11
Tert butyl alcohol
Concen: 108.359 ug/l
RT: 4.872 min Scan# 511
Delta R.T. 0.036 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

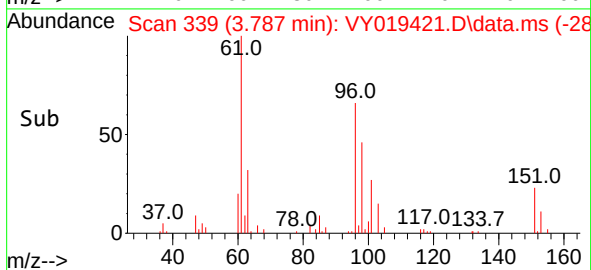
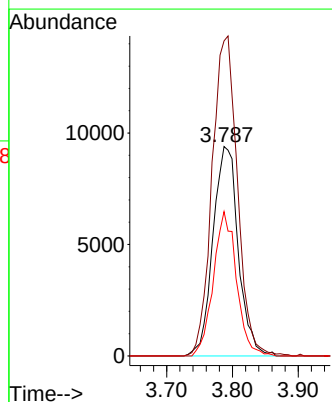
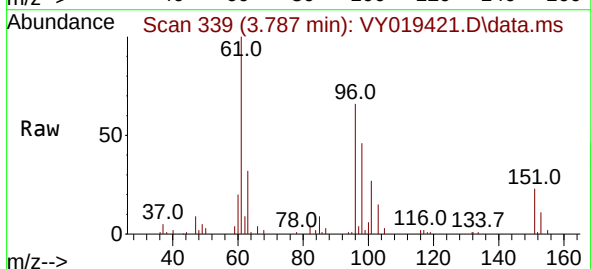
Instrument :
MSVOA_Y
ClientSampleId :

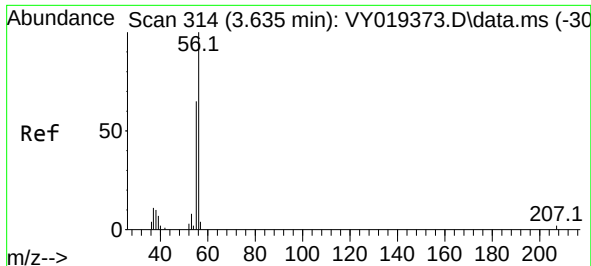
Tgt Ion: 59 Resp: 7203
Ion Ratio Lower Upper
59 100
57 8.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 21.689 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

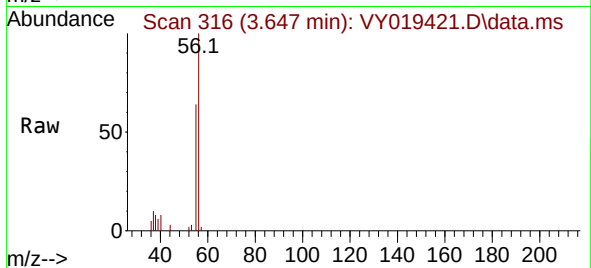
Tgt Ion: 96 Resp: 25175
Ion Ratio Lower Upper
96 100
61 150.5 114.6 171.8
98 68.9 50.8 76.2



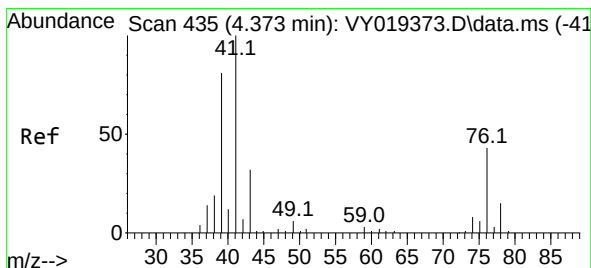
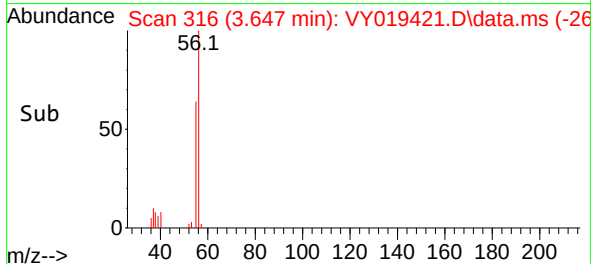
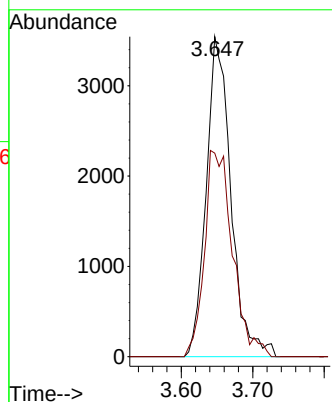


#13
Acrolein
Concen: 109.777 ug/l
RT: 3.647 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Instrument :
MSVOA_Y
ClientSampleId :

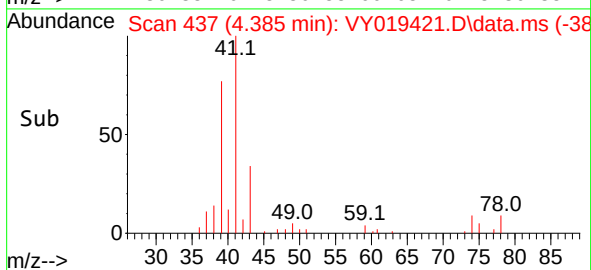
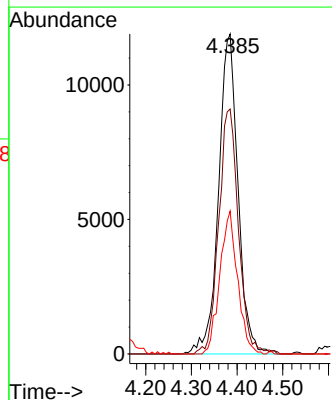
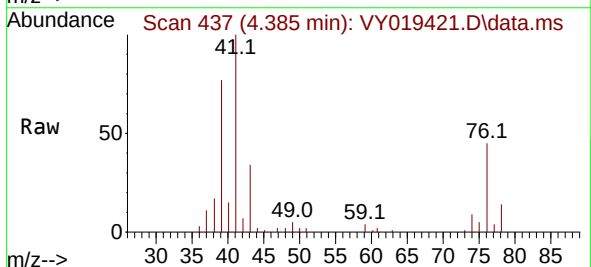


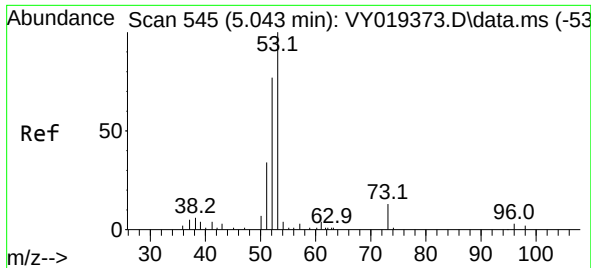
Tgt Ion: 56 Resp: 8510
Ion Ratio Lower Upper
56 100
55 73.0 55.7 83.5



#14
Allyl chloride
Concen: 21.938 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion: 41 Resp: 35156
Ion Ratio Lower Upper
41 100
39 77.3 58.3 87.5
76 40.8 39.0 58.6

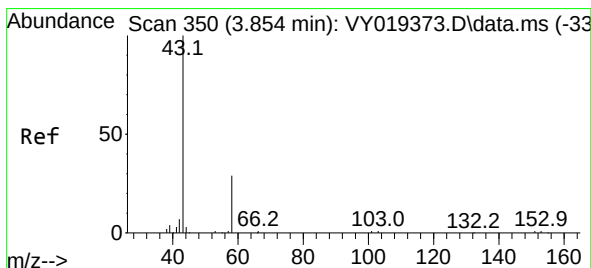
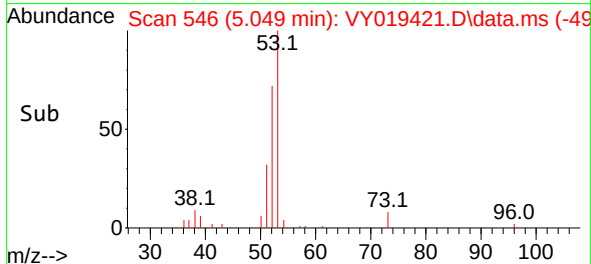
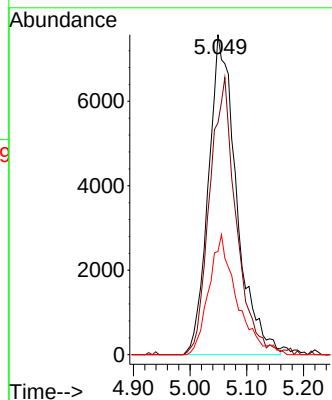
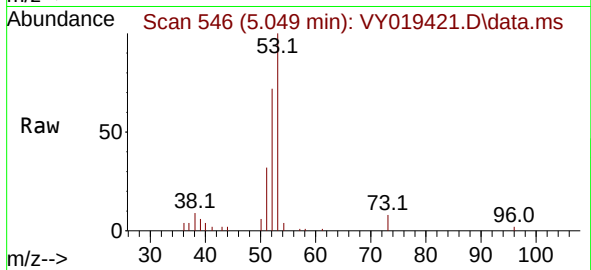




#15
Acrylonitrile
Concen: 120.576 ug/l
RT: 5.049 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

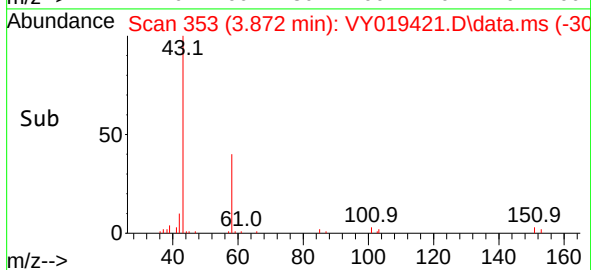
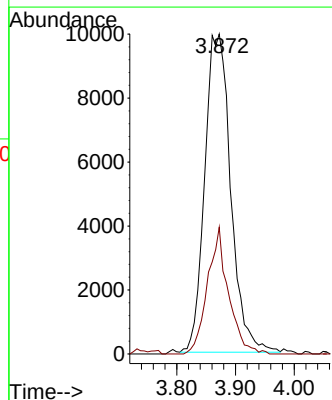
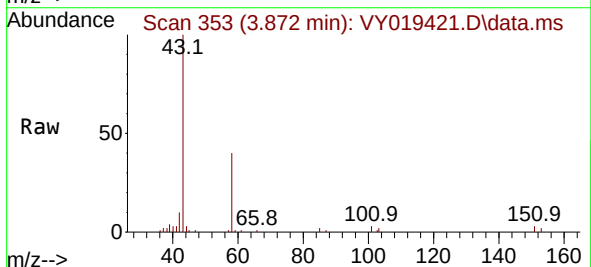
Instrument :
MSVOA_Y
ClientSampleId :

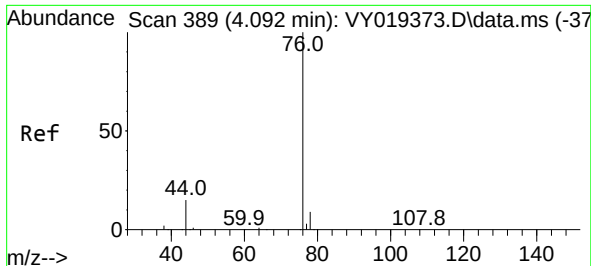
Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.6	64.7	97.1
51	37.5	28.4	42.6



#16
Acetone
Concen: 132.009 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.7	47.5

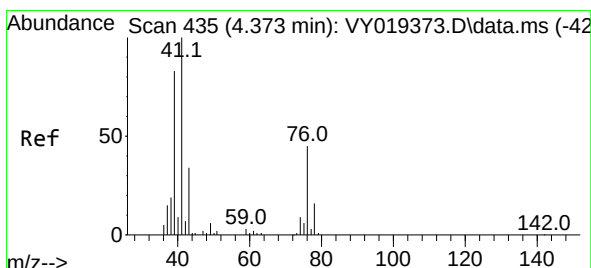
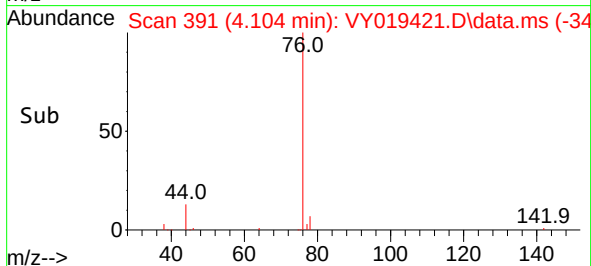
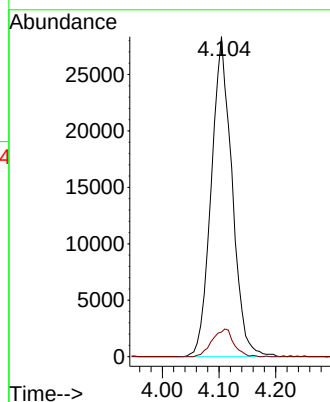
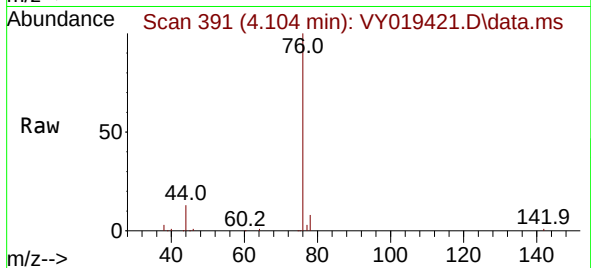




#17
Carbon Disulfide
Concen: 21.501 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

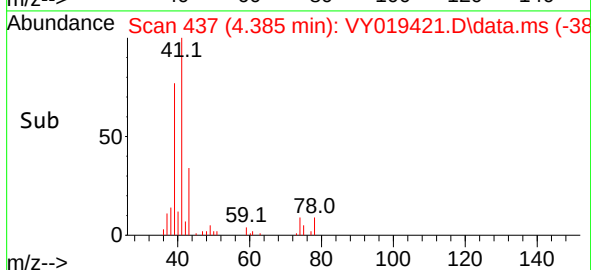
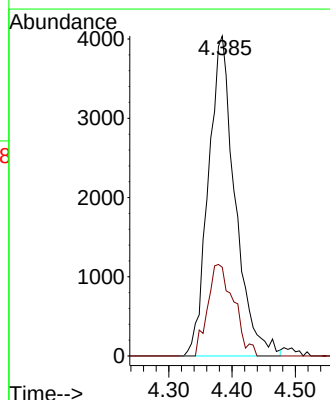
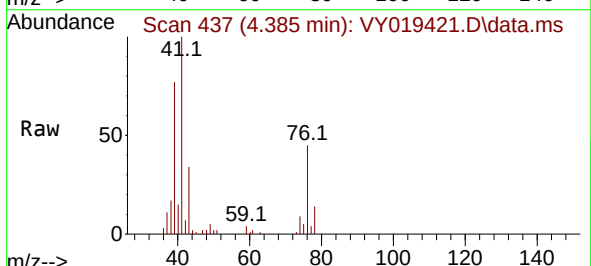
Instrument :
MSVOA_Y
ClientSampleId :

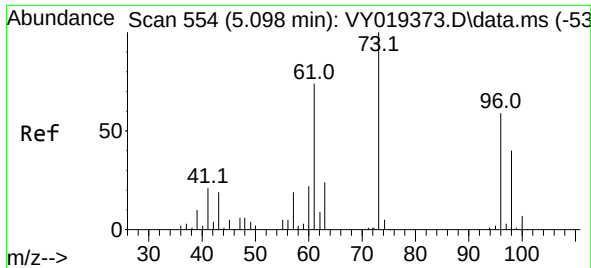
Tgt Ion: 76 Resp: 72047
Ion Ratio Lower Upper
76 100
78 7.7 6.8 10.2



#18
Methyl Acetate
Concen: 23.115 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion: 43 Resp: 11838
Ion Ratio Lower Upper
43 100
74 28.1 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 22.394 ug/l

RT: 5.110 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

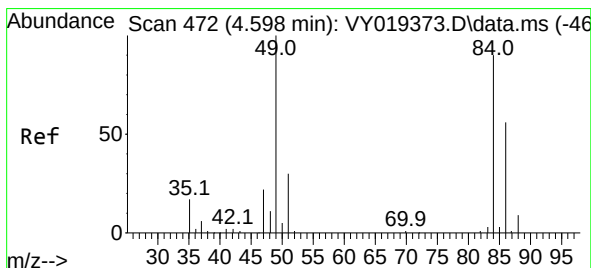
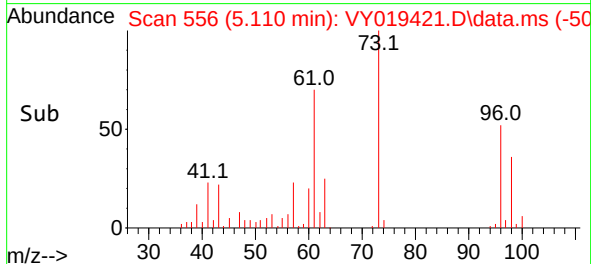
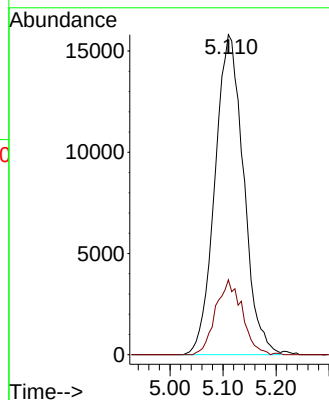
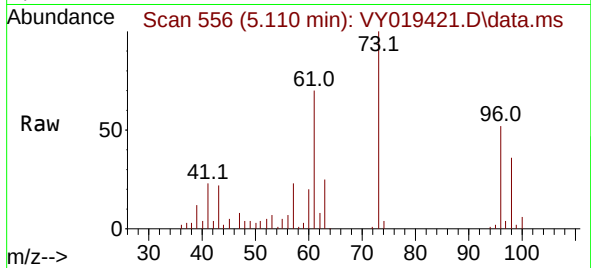
ClientSampleId :

Tgt Ion: 73 Resp: 59259

Ion Ratio Lower Upper

73 100

57 23.4 17.3 25.9



#20

Methylene Chloride

Concen: 16.241 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.012 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Tgt Ion: 84 Resp: 29621

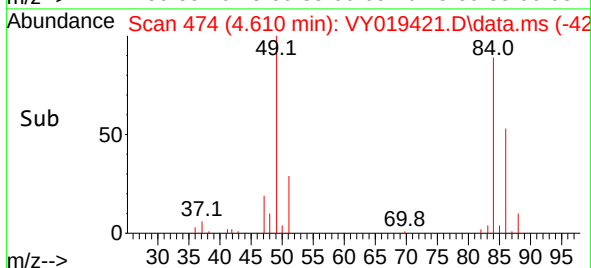
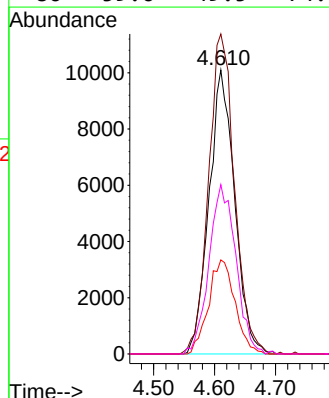
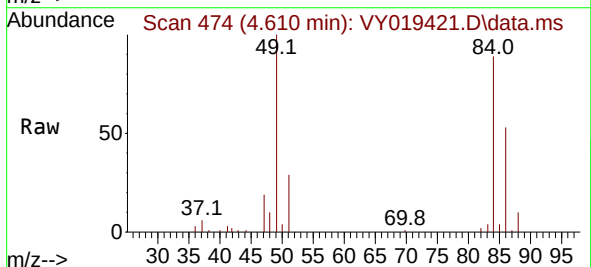
Ion Ratio Lower Upper

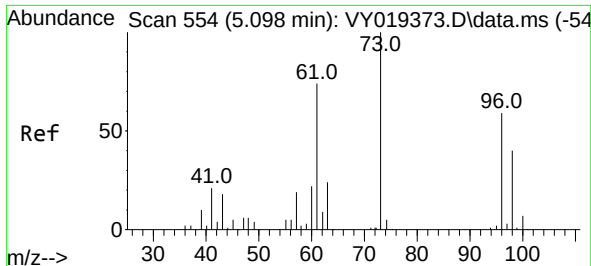
84 100

49 112.6 84.4 126.6

51 33.1 26.0 39.0

86 59.6 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 21.011 ug/l

RT: 5.104 min Scan# 51

Delta R.T. 0.006 min

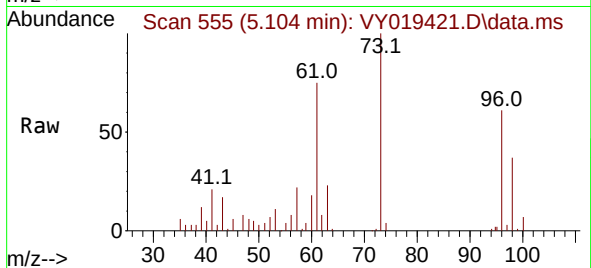
Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :



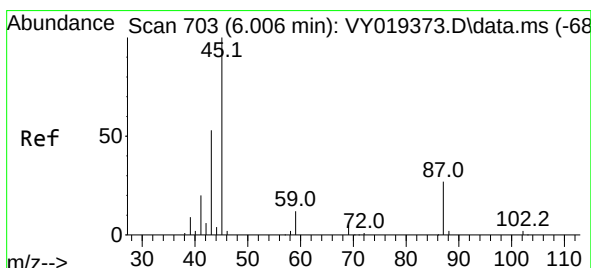
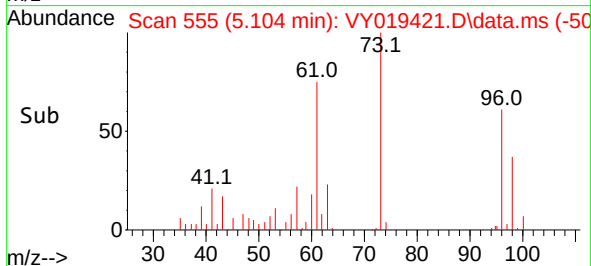
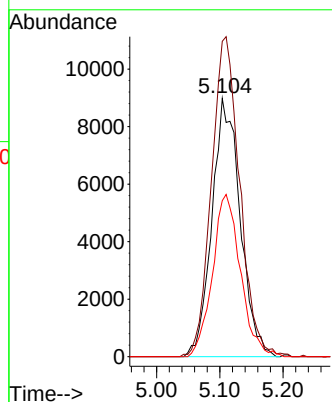
Tgt Ion: 96 Resp: 27777

Ion Ratio Lower Upper

96 100

61 122.1 97.5 146.3

98 60.4 50.5 75.7



#22

Diisopropyl ether

Concen: 21.463 ug/l

RT: 6.012 min Scan# 704

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Tgt Ion: 45 Resp: 77380

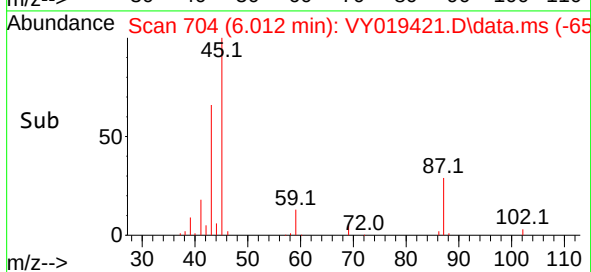
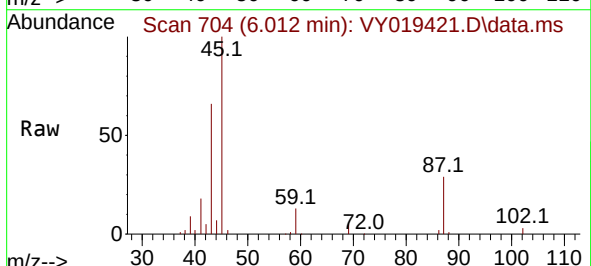
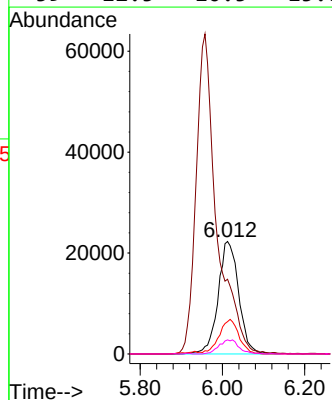
Ion Ratio Lower Upper

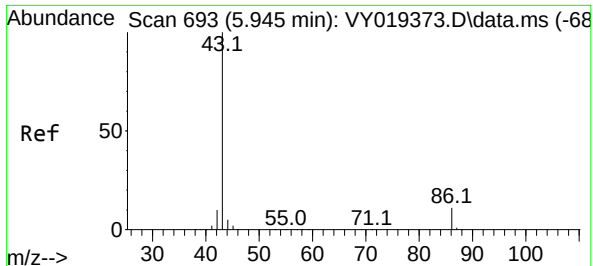
45 100

43 65.9 42.2 63.2#

87 28.8 25.0 37.6

59 12.5 10.5 15.7

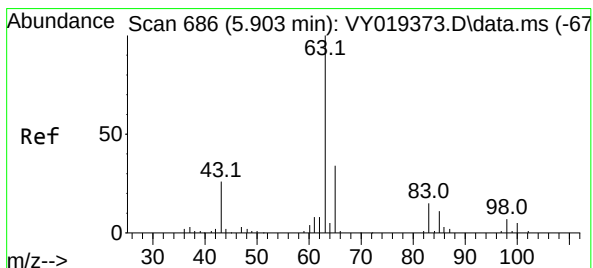
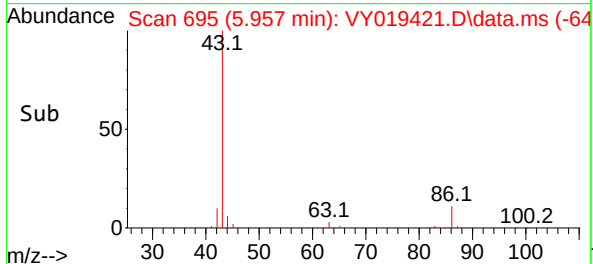
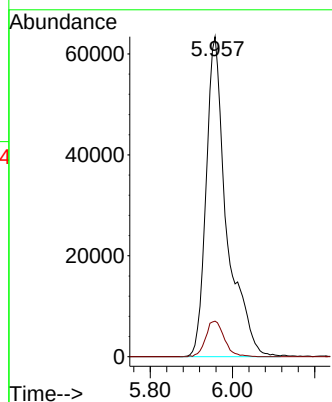
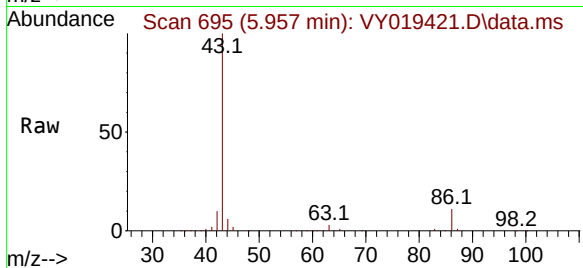




#23
 Vinyl Acetate
 Concen: 109.987 ug/l
 RT: 5.957 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY019421.D
 Acq: 03 Sep 2024 11:45

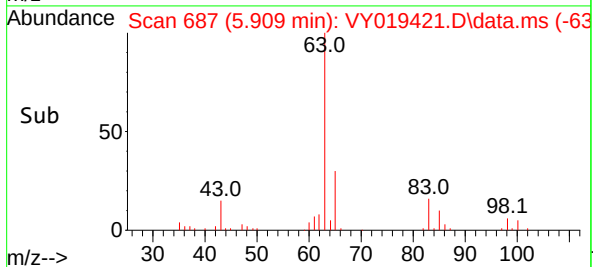
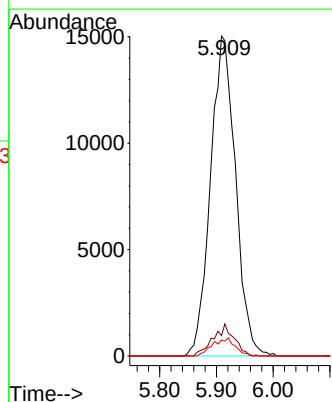
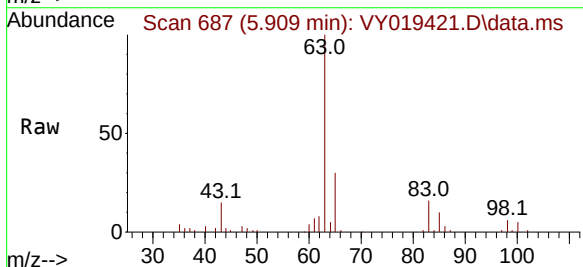
Instrument :
 MSVOA_Y
 ClientSampleId :

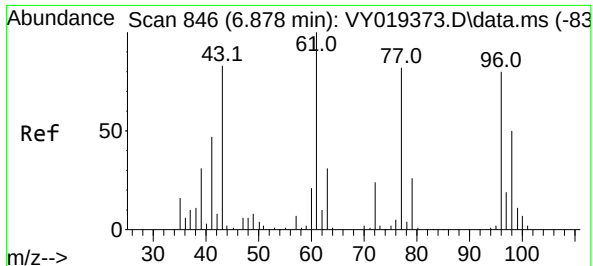
Tgt Ion: 43 Resp: 220707
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 21.206 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY019421.D
 Acq: 03 Sep 2024 11:45

Tgt Ion: 63 Resp: 46203
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.0 12.2
 100 5.0 2.6 8.0





#25

2-Butanone

Concen: 124.383 ug/l

RT: 6.890 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

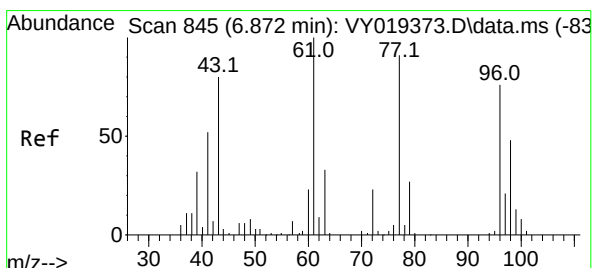
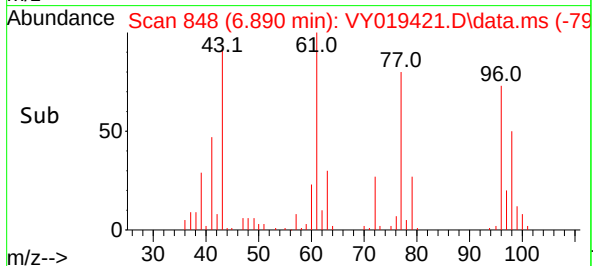
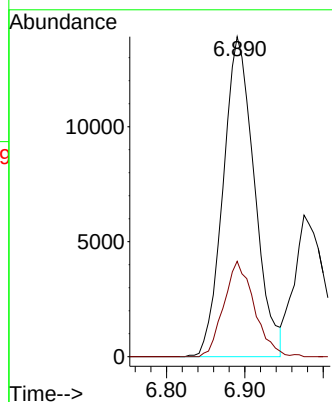
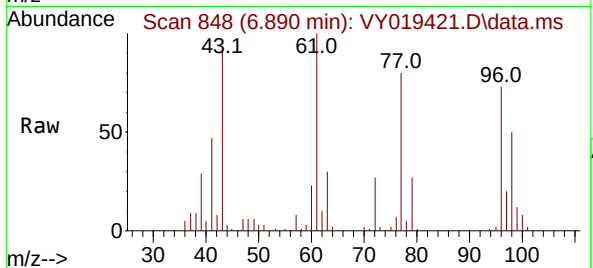
ClientSampleId :

Tgt Ion: 43 Resp: 38596

Ion Ratio Lower Upper

43 100

72 29.8 27.3 40.9



#26

2,2-Dichloropropane

Concen: 21.082 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY019421.D

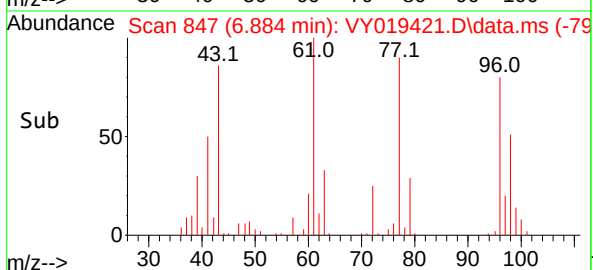
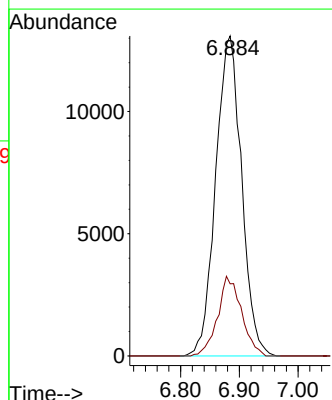
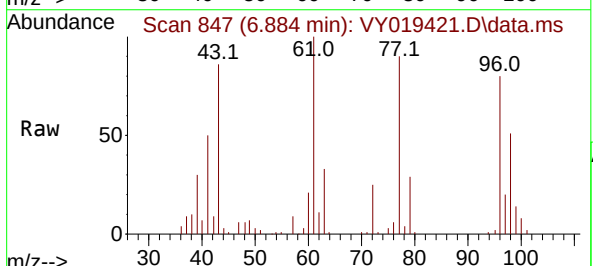
Acq: 03 Sep 2024 11:45

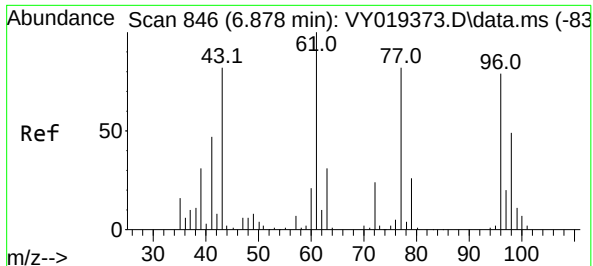
Tgt Ion: 77 Resp: 40008

Ion Ratio Lower Upper

77 100

97 23.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.180 ug/l

RT: 6.884 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

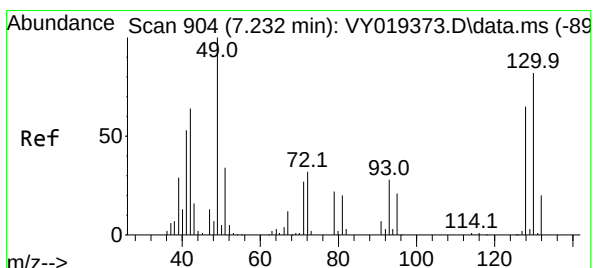
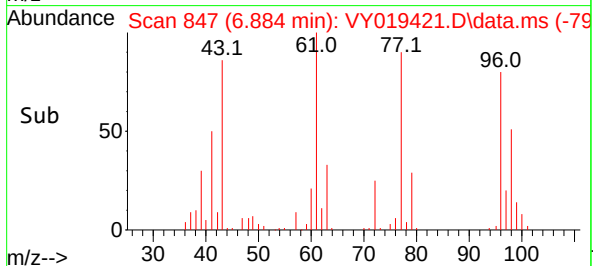
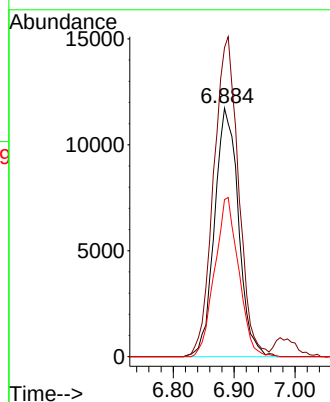
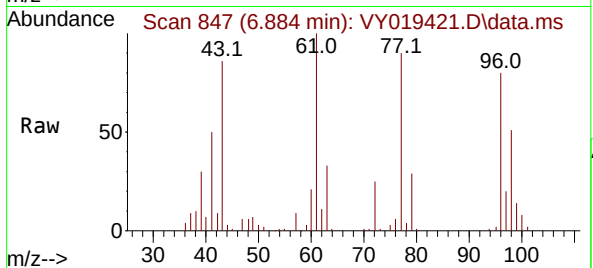
Tgt Ion: 96 Resp: 32060

Ion Ratio Lower Upper

96 100

61 133.8 0.0 256.2

98 64.2 0.0 130.0



#28

Bromochloromethane

Concen: 21.262 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

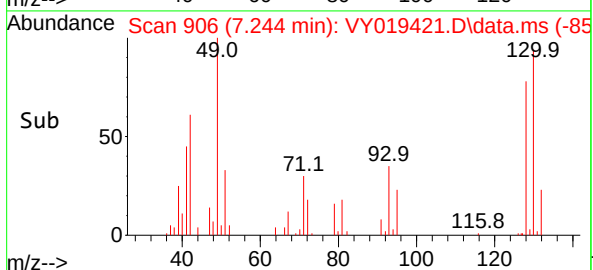
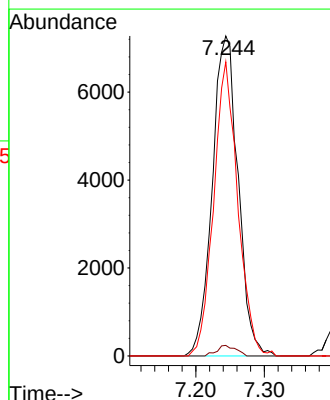
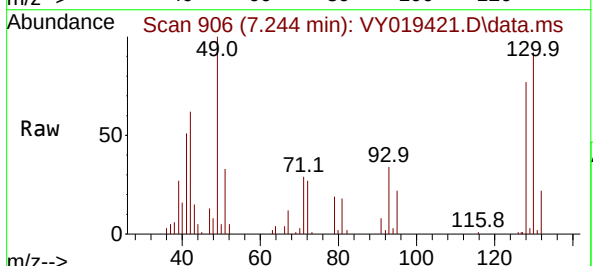
Tgt Ion: 49 Resp: 19033

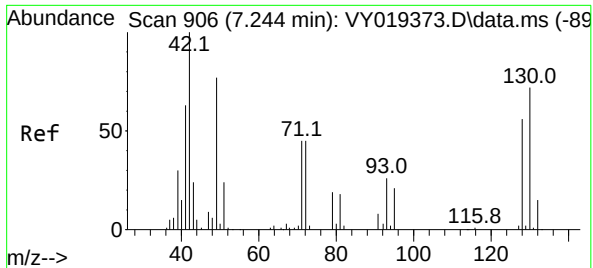
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 85.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 114.962 ug/l

RT: 7.256 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY019421.D

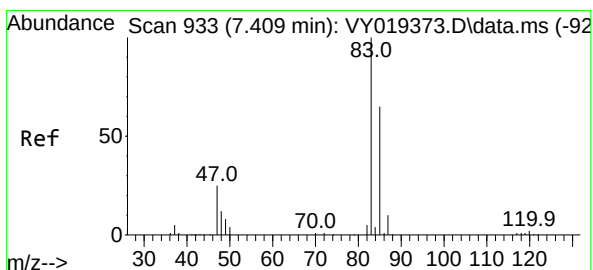
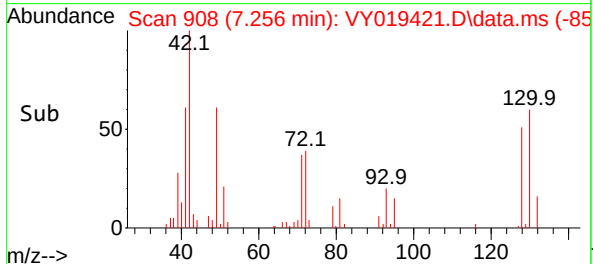
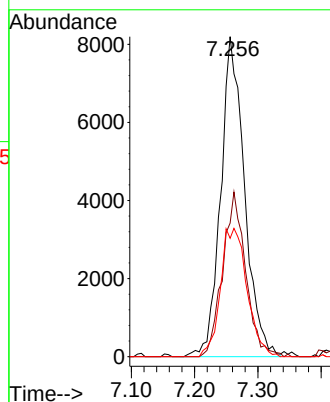
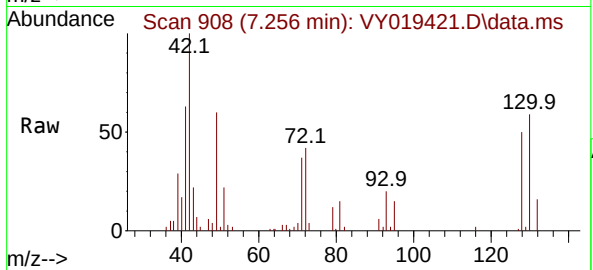
Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	21434
Ion	Ratio	Lower	Upper
42	100		
72	49.7	43.0	64.4
71	44.7	40.8	61.2



#30

Chloroform

Concen: 21.633 ug/l

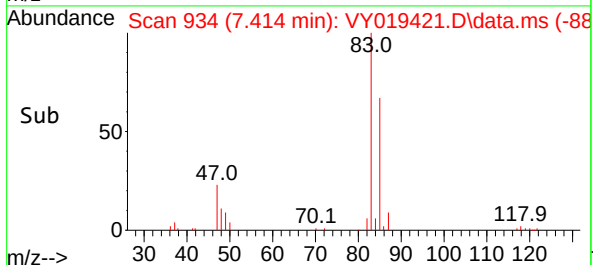
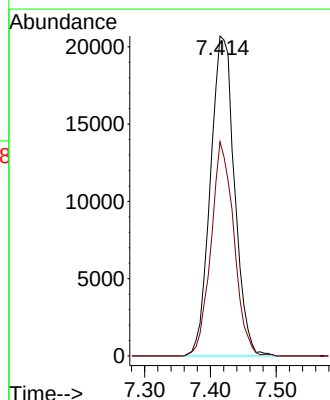
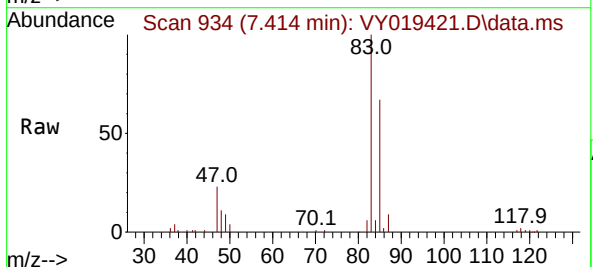
RT: 7.414 min Scan# 934

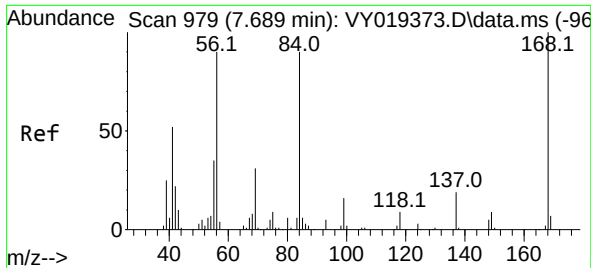
Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Tgt Ion:	83	Resp:	52763
Ion	Ratio	Lower	Upper
83	100		
85	67.0	52.2	78.4

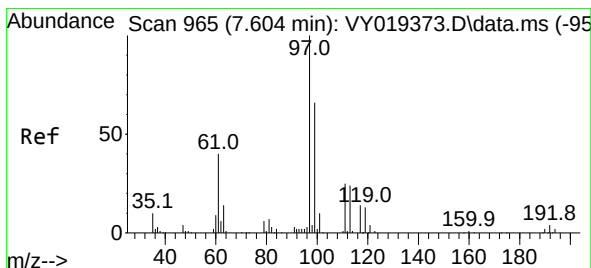
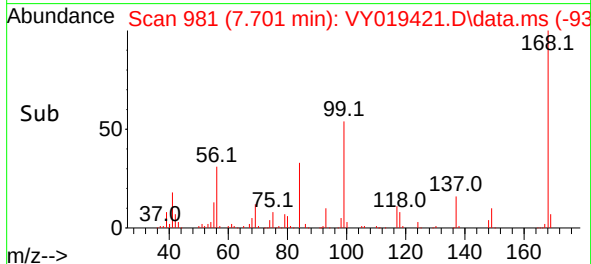
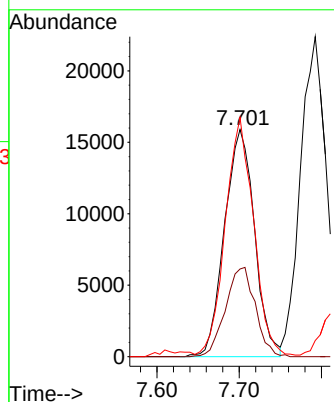
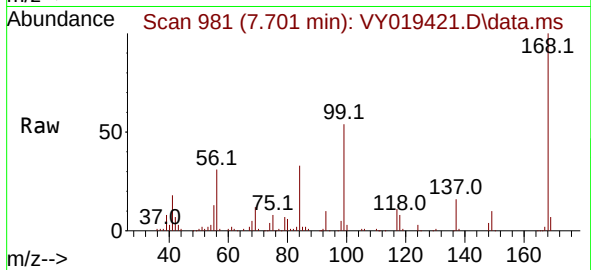




#31
Cyclohexane
Concen: 20.094 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

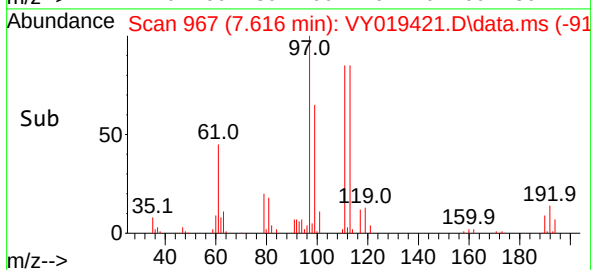
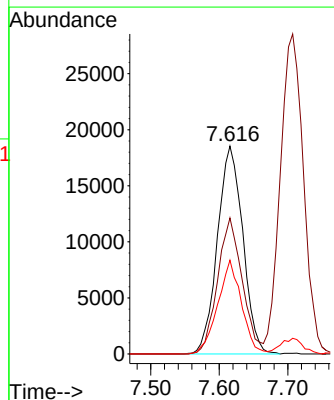
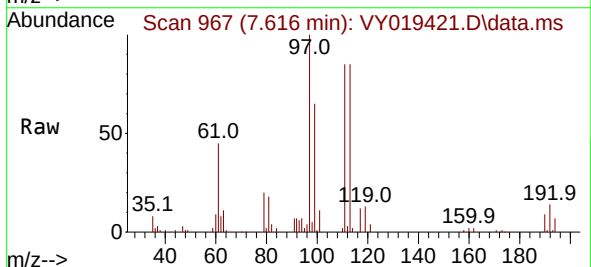
Instrument :
MSVOA_Y
ClientSampleId :

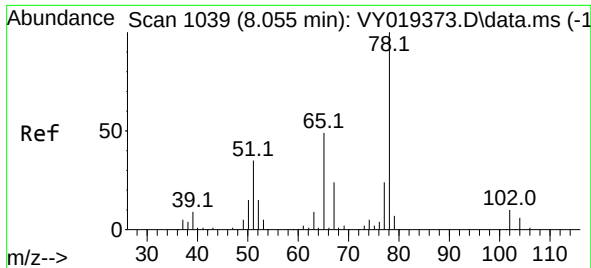
Tgt Ion: 56 Resp: 40303
Ion Ratio Lower Upper
56 100
69 38.6 28.7 43.1
84 103.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.096 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion: 97 Resp: 47752
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 42.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 57.166 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

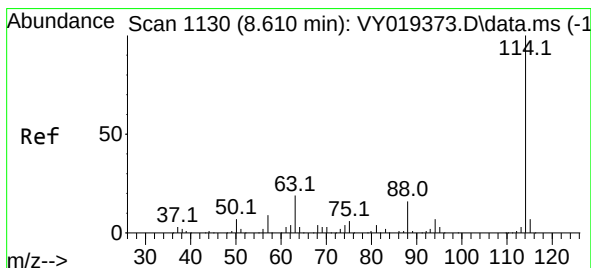
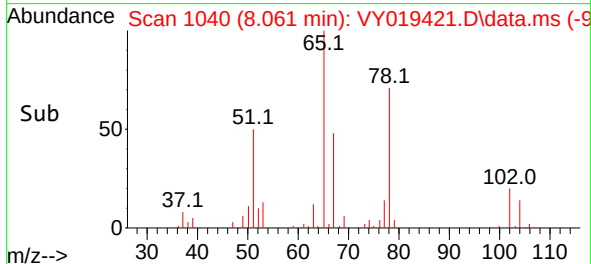
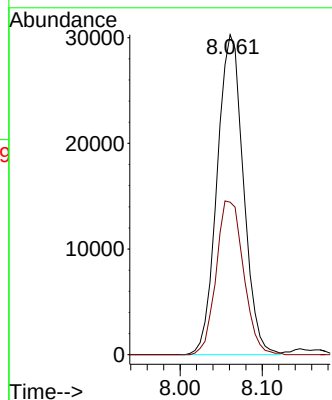
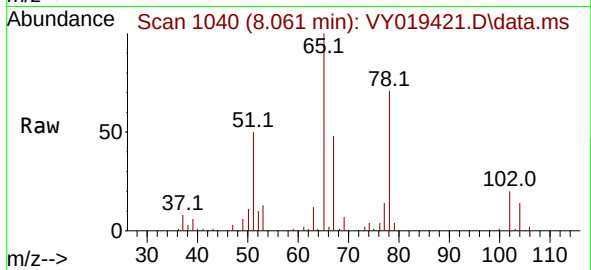
ClientSampleId :

Tgt Ion: 65 Resp: 67424

Ion Ratio Lower Upper

65 100

67 50.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

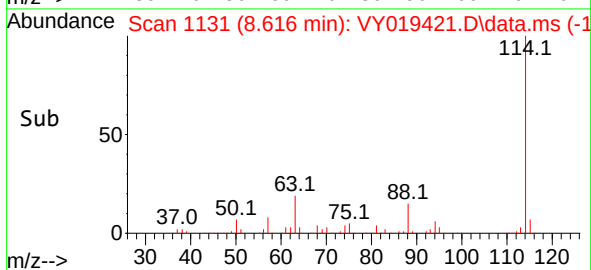
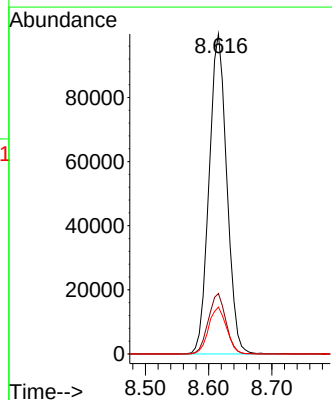
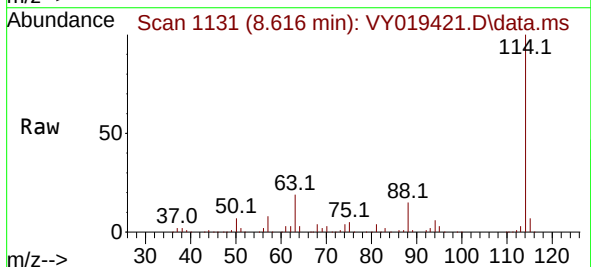
Tgt Ion: 114 Resp: 194178

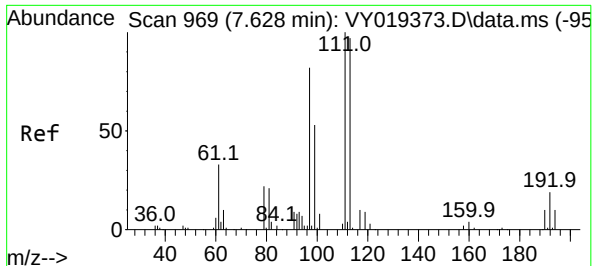
Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

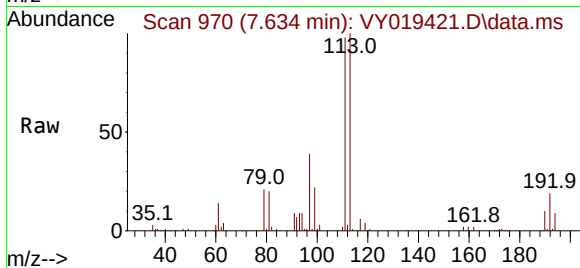
88 14.7 0.0 27.2



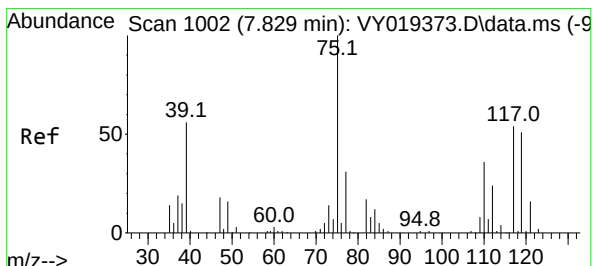
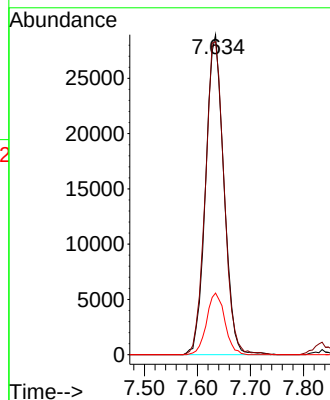
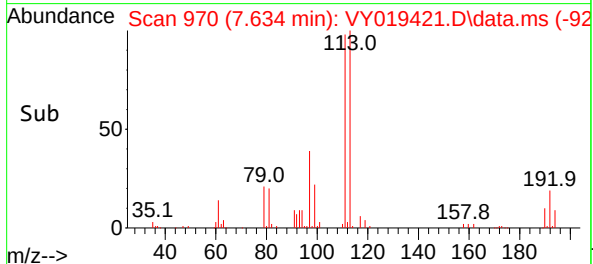


#35
Dibromofluoromethane
Concen: 55.949 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

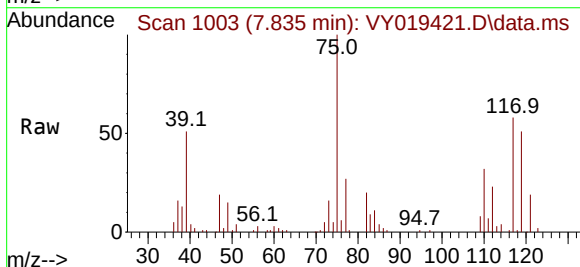
Instrument :
MSVOA_Y
ClientSampleId :



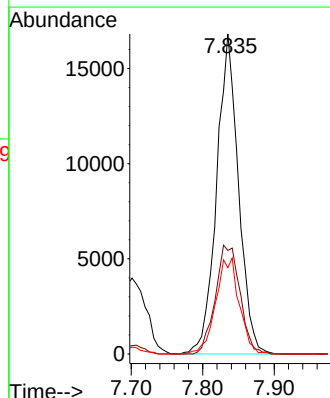
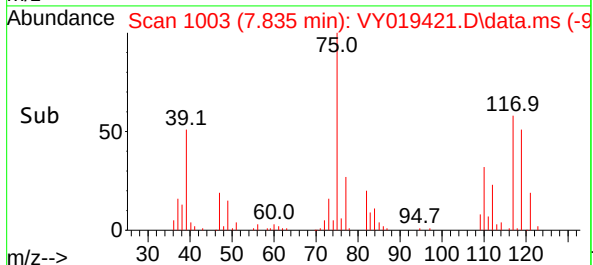
Tgt Ion:113 Resp: 68686
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 19.4 15.9 23.9

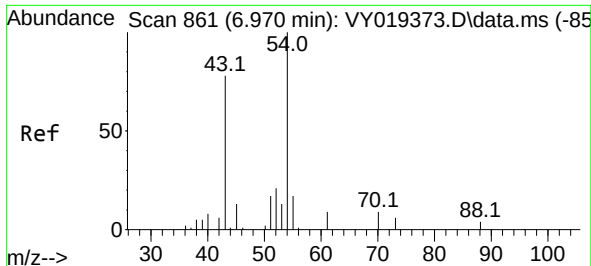


#36
1,1-Dichloropropene
Concen: 20.567 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45



Tgt Ion: 75 Resp: 35682
Ion Ratio Lower Upper
75 100
110 38.3 19.0 57.0
77 32.3 25.3 37.9

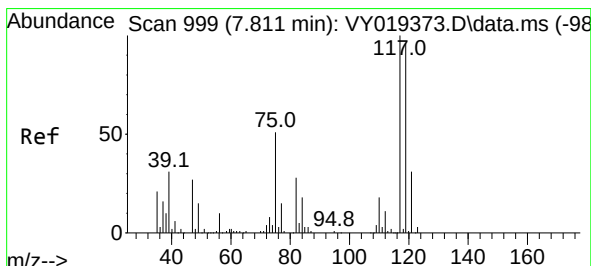
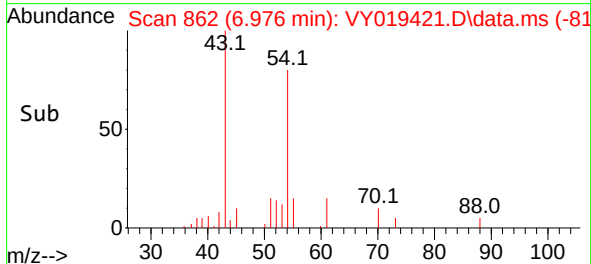
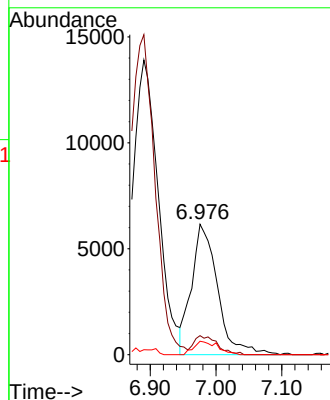
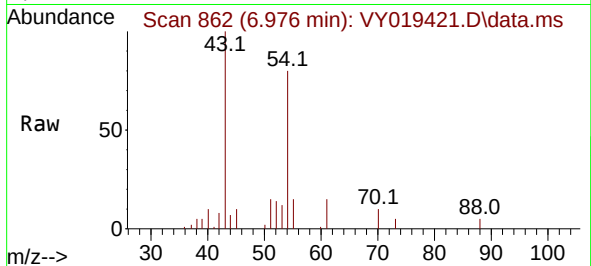




#37
Ethyl Acetate
Concen: 24.669 ug/l
RT: 6.976 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

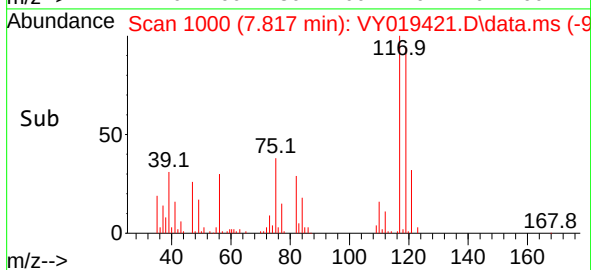
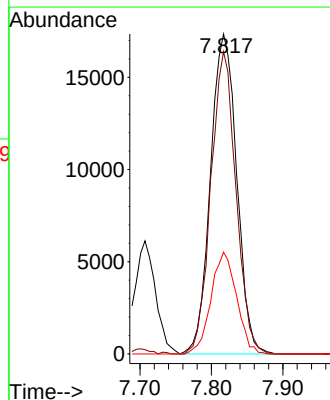
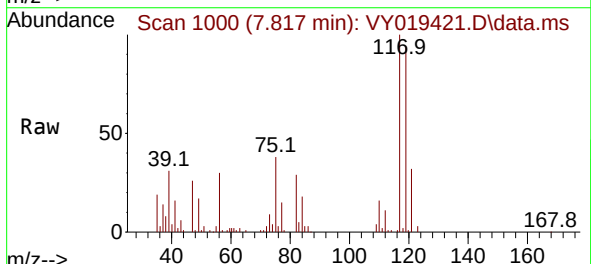
Instrument :
MSVOA_Y
ClientSampleId :

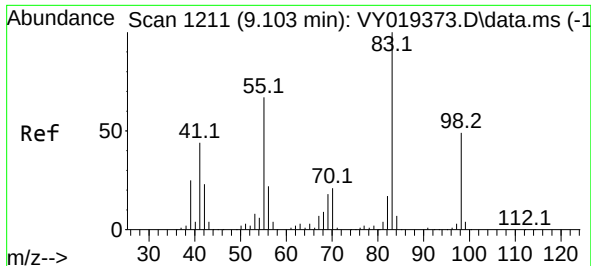
Tgt Ion: 43 Resp: 16941
Ion Ratio Lower Upper
43 100
61 13.0 12.6 19.0
70 9.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.914 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion: 117 Resp: 44223
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.6
121 31.8 24.0 36.0





#39

Methylcyclohexane

Concen: 20.480 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

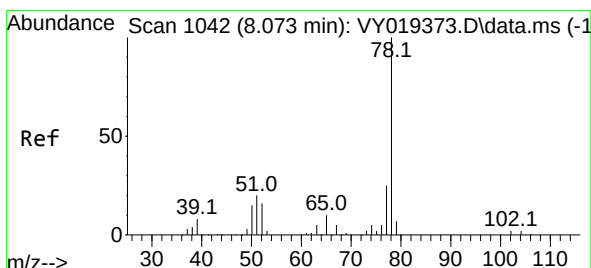
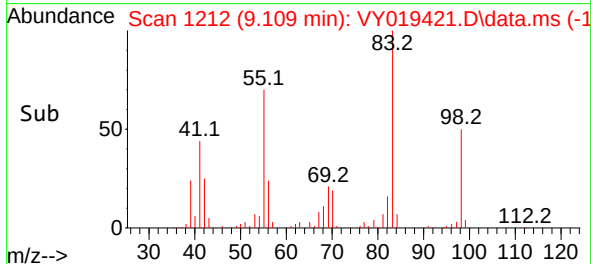
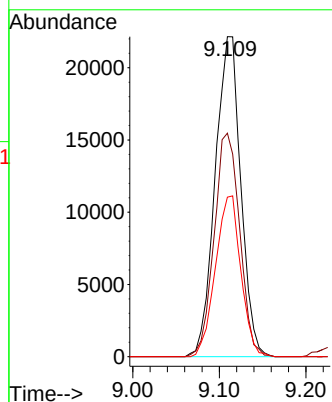
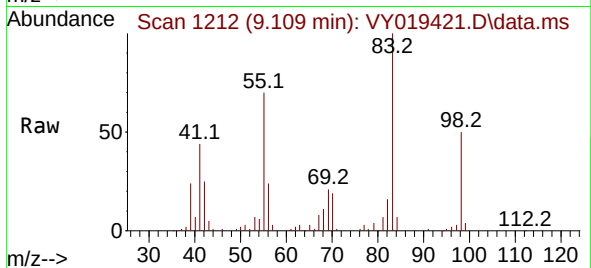
Tgt Ion: 83 Resp: 45562

Ion Ratio Lower Upper

83 100

55 69.8 51.5 77.3

98 49.9 40.5 60.7



#40

Benzene

Concen: 20.991 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY019421.D

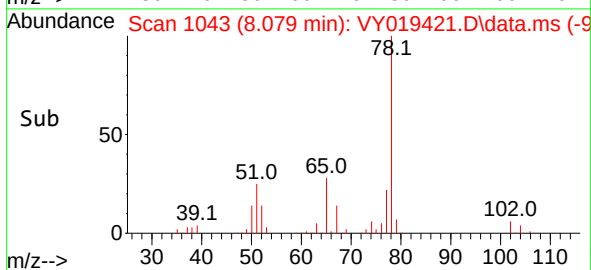
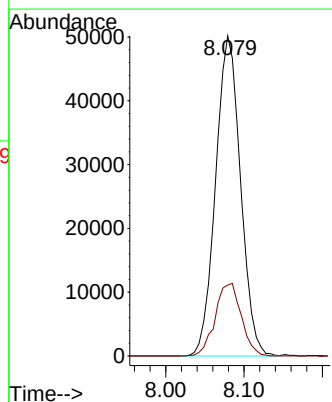
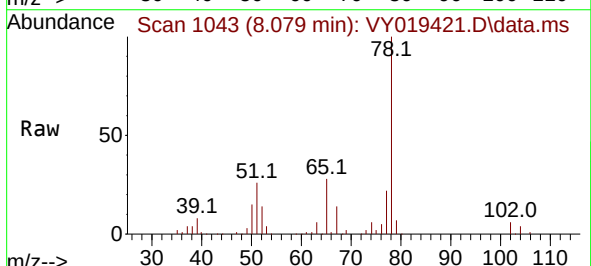
Acq: 03 Sep 2024 11:45

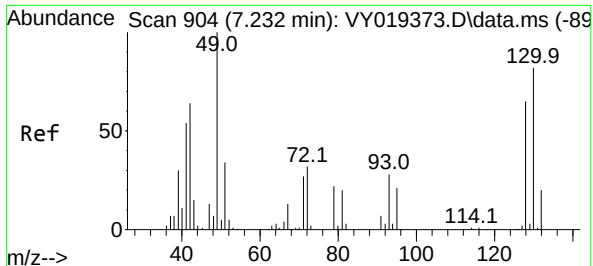
Tgt Ion: 78 Resp: 110827

Ion Ratio Lower Upper

78 100

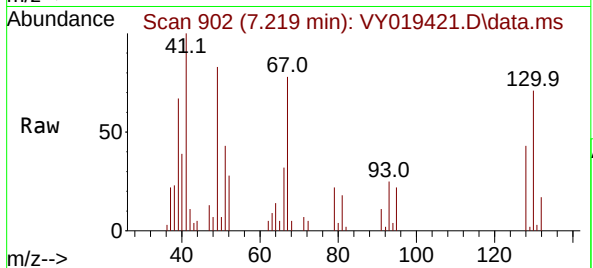
77 22.2 19.5 29.3



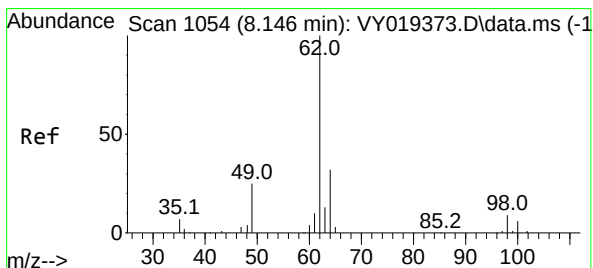
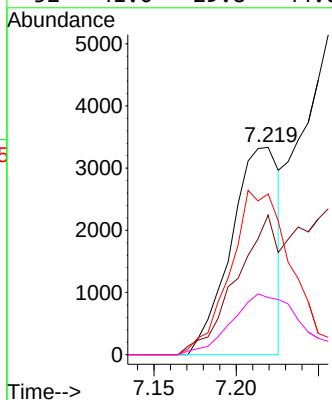
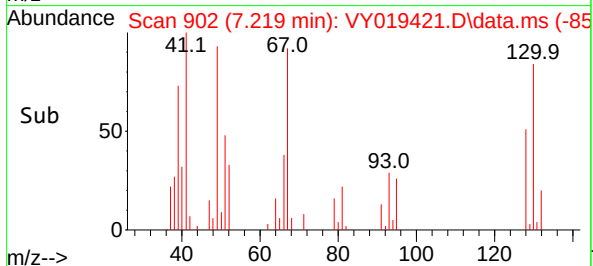


#41
Methacrylonitrile
Concen: 16.350 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Instrument :
MSVOA_Y
ClientSampleId :

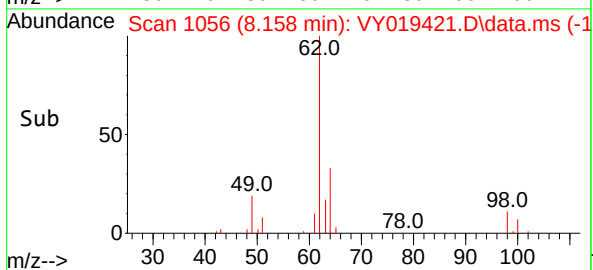
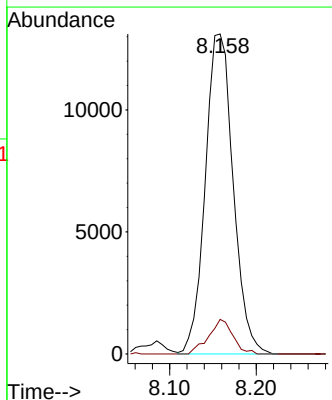
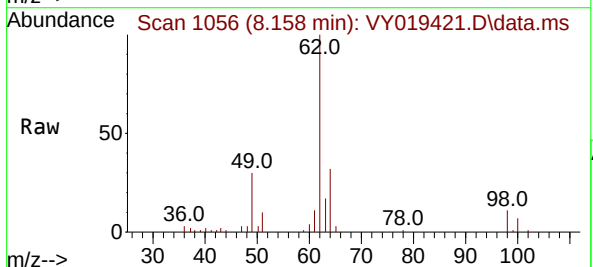


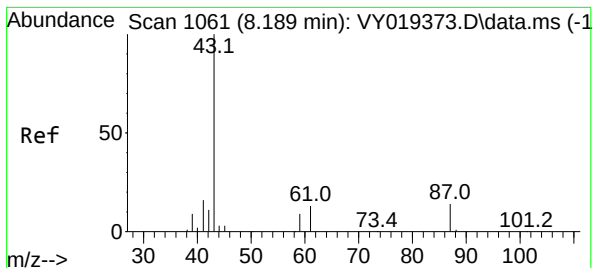
Tgt Ion:	41	Resp:	6771
Ion	Ratio	Lower	Upper
41	100		
39	58.9	48.0	72.0
67	102.5	75.1	112.7
52	41.0	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.948 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion:	62	Resp:	29352
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	22.0





#43

Isopropyl Acetate

Concen: 22.121 ug/l

RT: 8.195 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

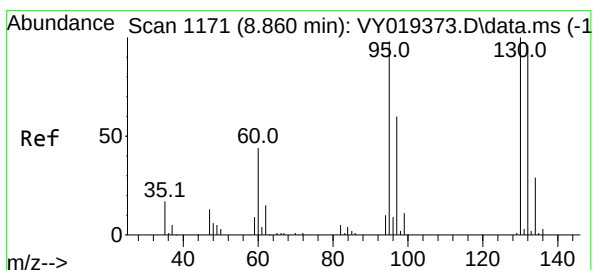
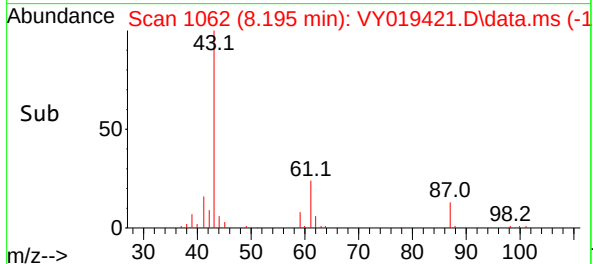
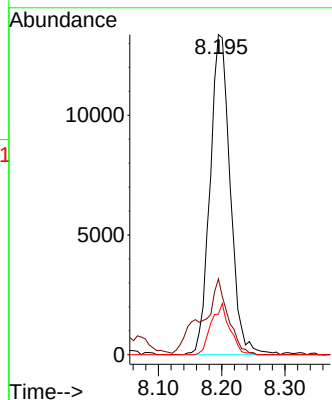
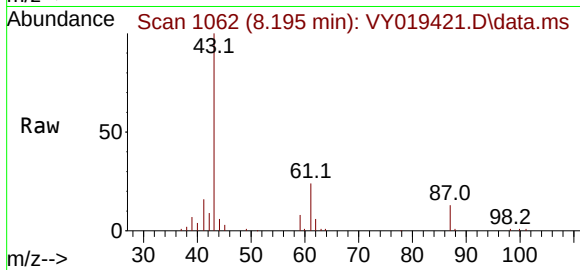
Tgt Ion: 43 Resp: 29647

Ion Ratio Lower Upper

43 100

61 20.8 27.9 41.9#

87 14.6 13.1 19.7



#44

Trichloroethene

Concen: 21.037 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VY019421.D

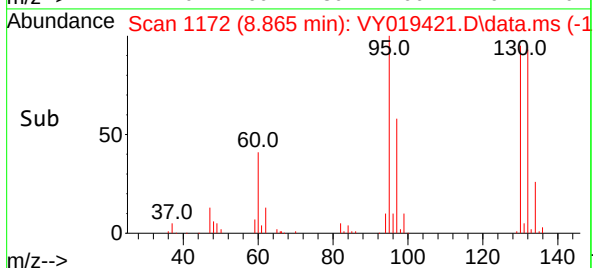
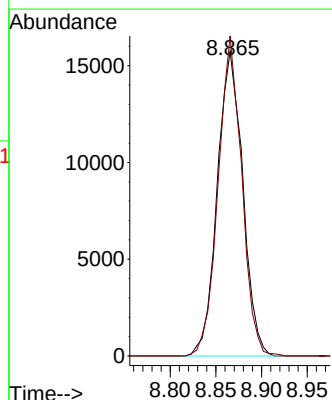
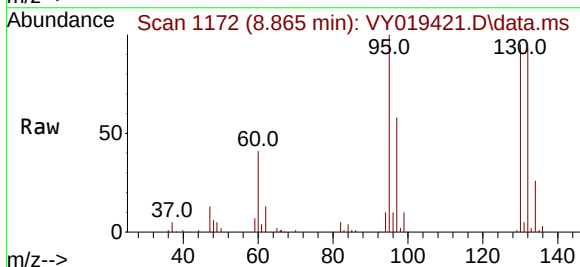
Acq: 03 Sep 2024 11:45

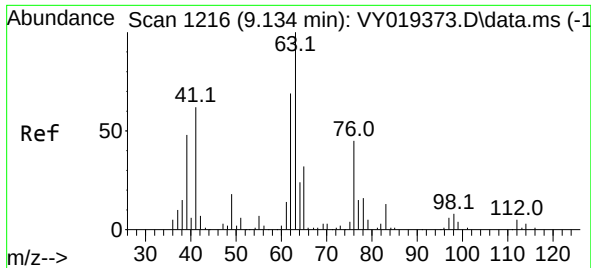
Tgt Ion:130 Resp: 30507

Ion Ratio Lower Upper

130 100

95 105.0 0.0 188.0

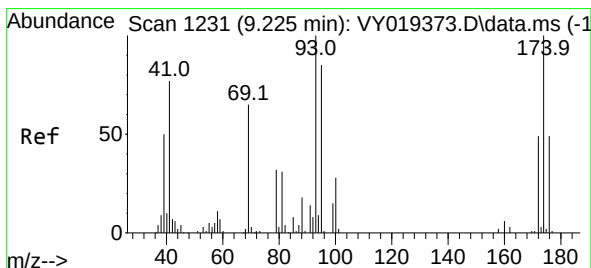
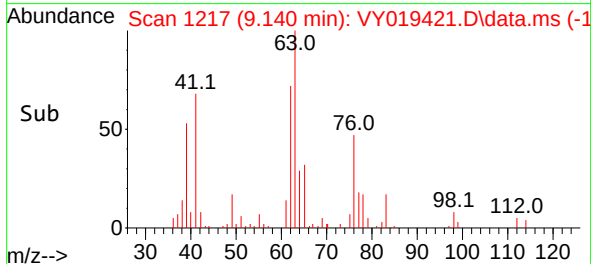
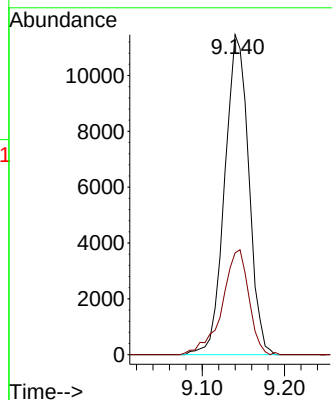
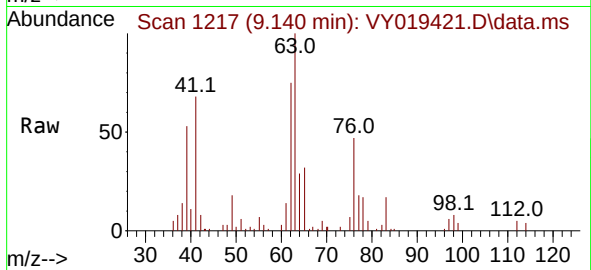




#45
1,2-Dichloropropane
Concen: 20.328 ug/l
RT: 9.140 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

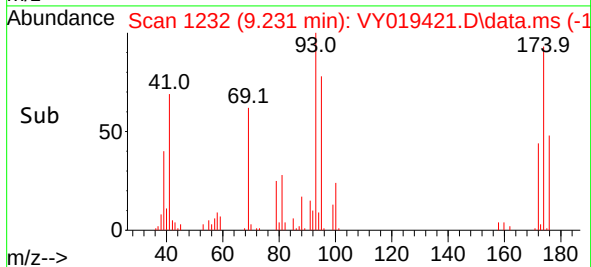
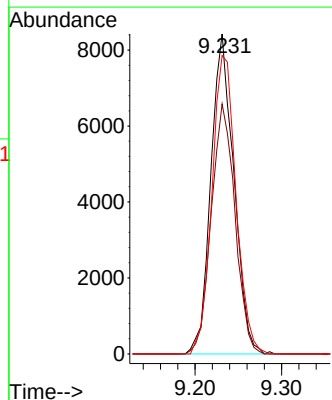
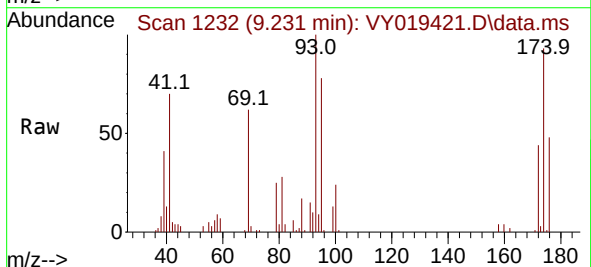
Instrument :
MSVOA_Y
ClientSampleId :

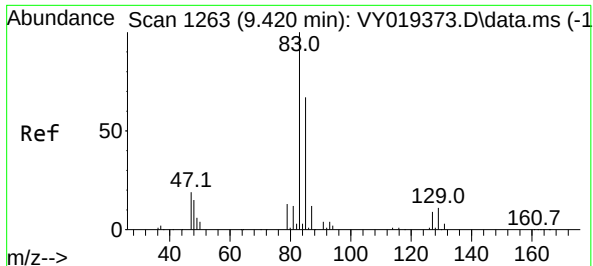
Tgt Ion: 63 Resp: 23262
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.2



#46
Dibromomethane
Concen: 22.480 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion: 93 Resp: 15474
Ion Ratio Lower Upper
93 100
95 80.8 66.2 99.4
174 97.9 80.9 121.3

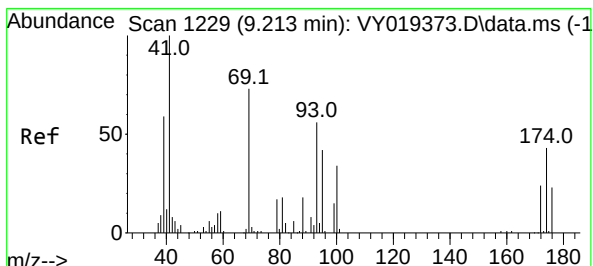
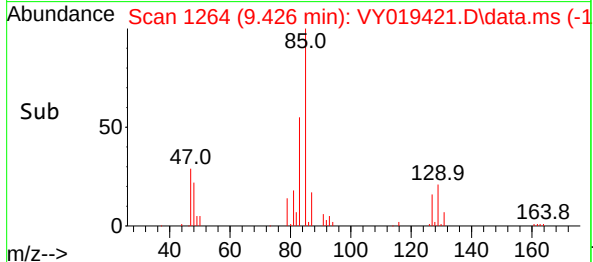
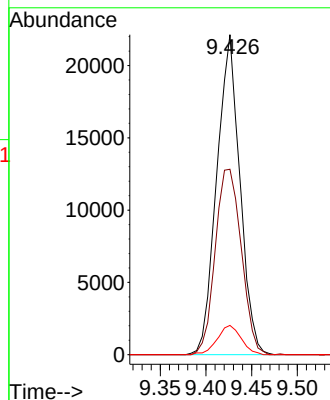
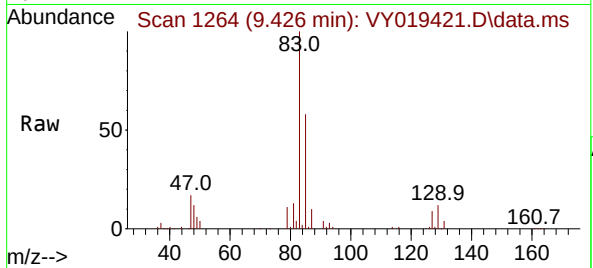




#47
Bromodichloromethane
Concen: 21.465 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

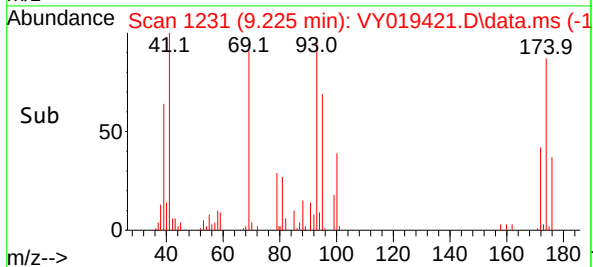
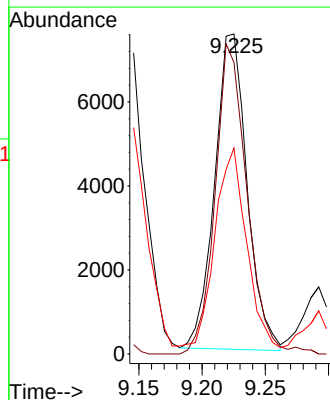
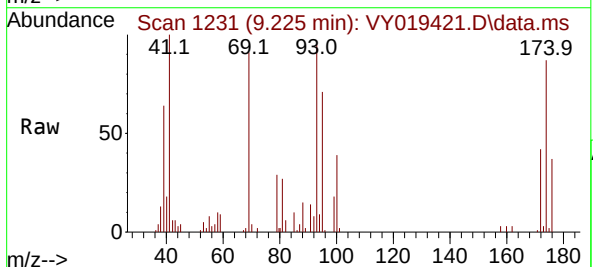
Instrument :
MSVOA_Y
ClientSampleId :

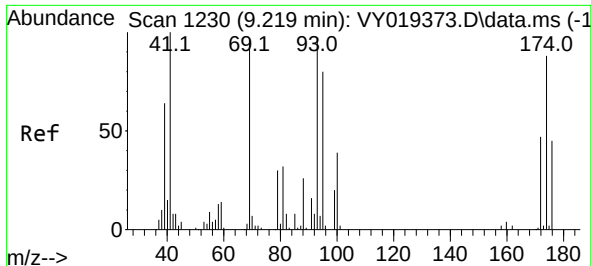
Tgt Ion: 83 Resp: 39022
Ion Ratio Lower Upper
83 100
85 57.9 50.1 75.1
127 9.2 7.4 11.0



#48
Methyl methacrylate
Concen: 21.131 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion: 41 Resp: 13389
Ion Ratio Lower Upper
41 100
69 96.6 84.1 126.1
39 61.6 43.6 65.4





#49

1,4-Dioxane

Concen: 444.482 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

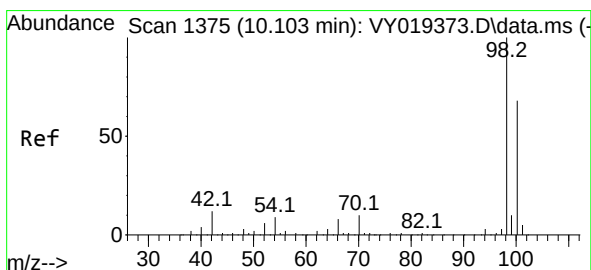
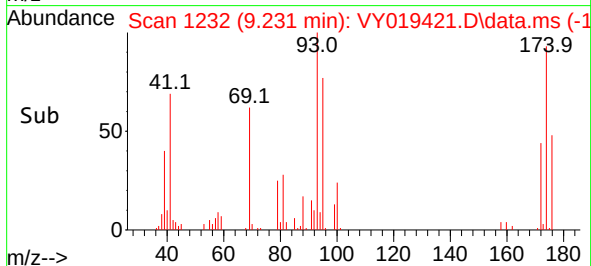
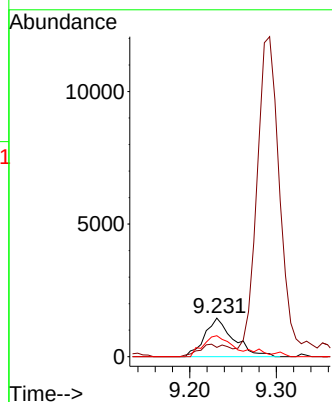
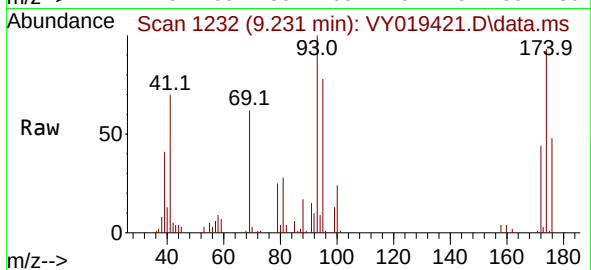
Tgt Ion: 88 Resp: 3352

Ion Ratio Lower Upper

88 100

43 32.8 0.0 0.0#

58 52.9 49.3 73.9



#50

Toluene-d8

Concen: 46.793 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY019421.D

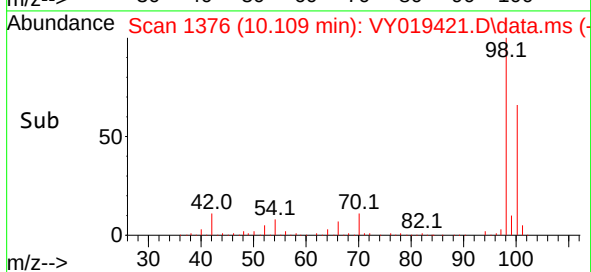
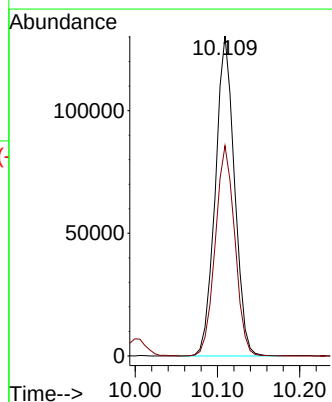
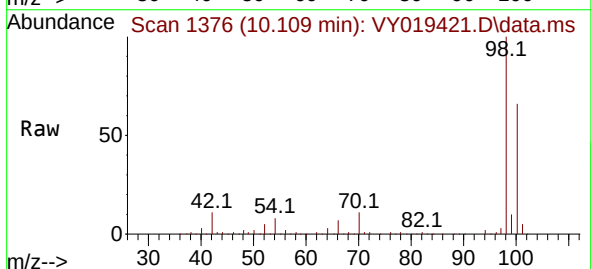
Acq: 03 Sep 2024 11:45

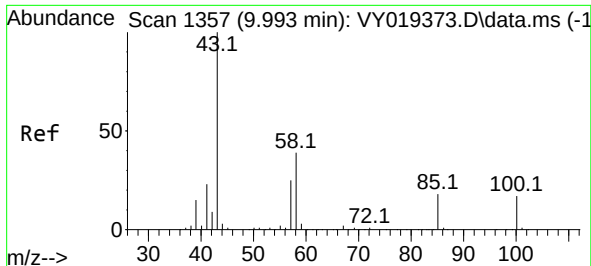
Tgt Ion: 98 Resp: 211468

Ion Ratio Lower Upper

98 100

100 66.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 90.832 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

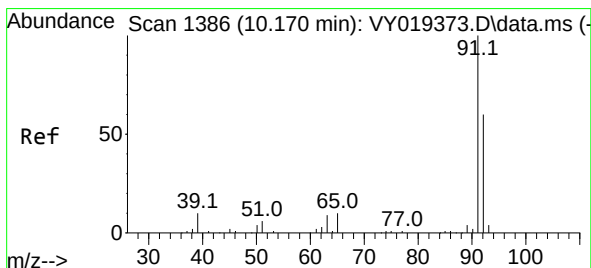
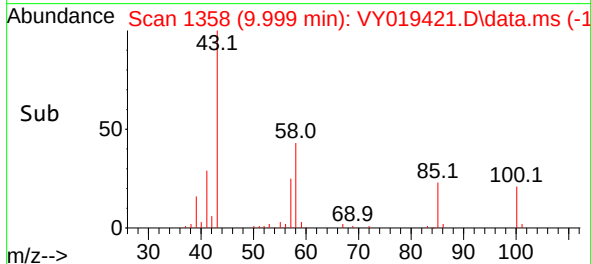
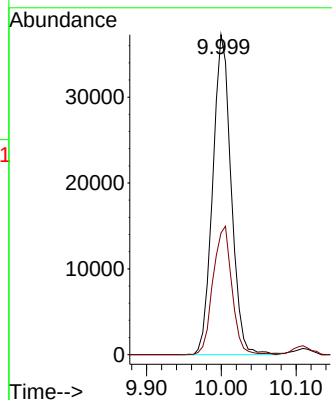
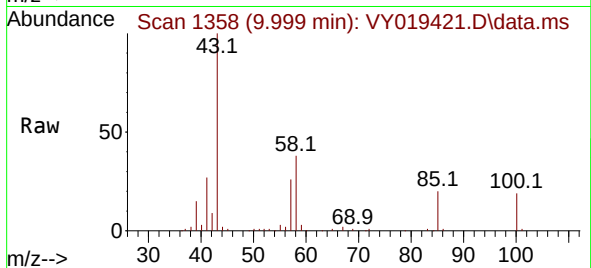
ClientSampleId :

Tgt Ion: 43 Resp: 63745

Ion Ratio Lower Upper

43 100

58 41.2 35.7 53.5



#52

Toluene

Concen: 17.651 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY019421.D

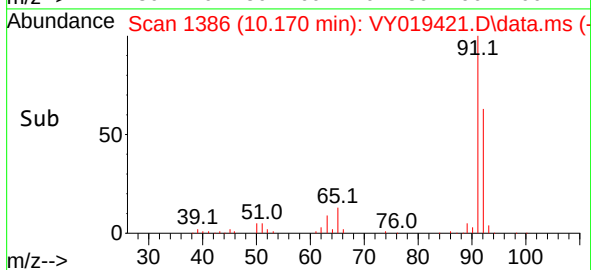
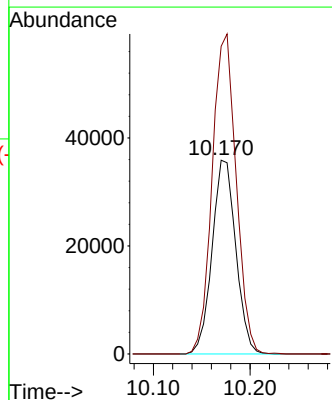
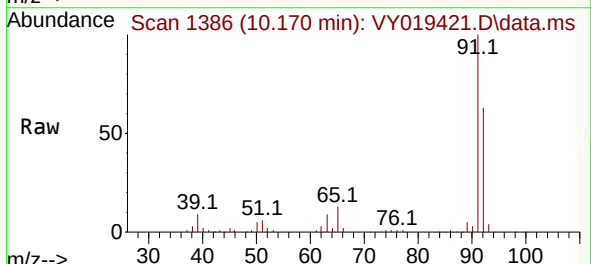
Acq: 03 Sep 2024 11:45

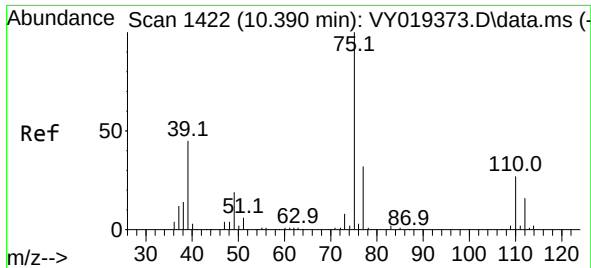
Tgt Ion: 92 Resp: 61098

Ion Ratio Lower Upper

92 100

91 167.0 139.0 208.6

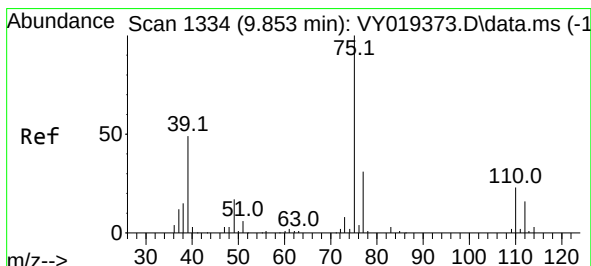
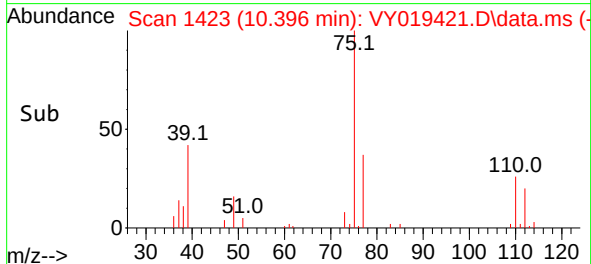
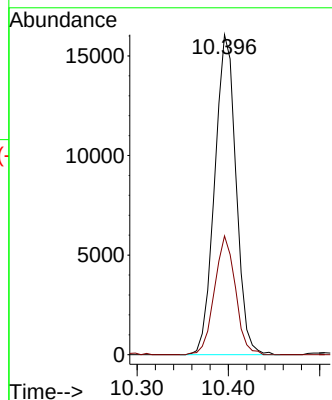
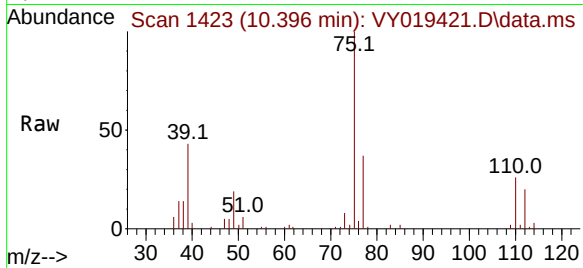




#53
 t-1,3-Dichloropropene
 Concen: 17.352 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY019421.D
 Acq: 03 Sep 2024 11:45

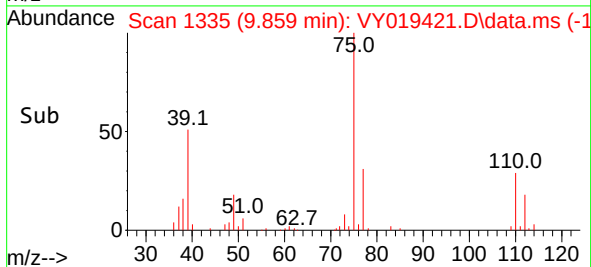
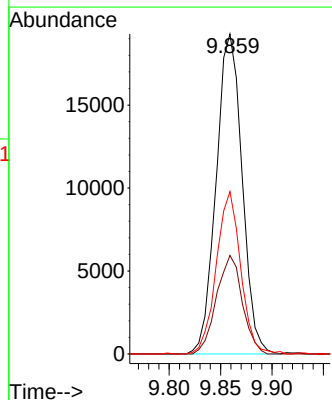
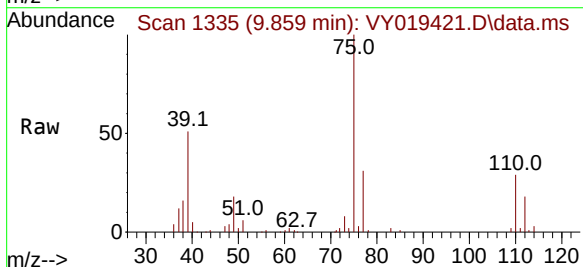
Instrument :
 MSVOA_Y
 ClientSampleId :

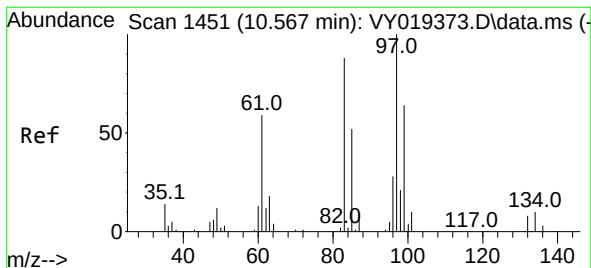
Tgt Ion: 75 Resp: 26054
 Ion Ratio Lower Upper
 75 100
 77 37.1 24.1 36.1#



#54
 cis-1,3-Dichloropropene
 Concen: 19.017 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY019421.D
 Acq: 03 Sep 2024 11:45

Tgt Ion: 75 Resp: 33810
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0
 39 50.8 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 19.176 ug/l

RT: 10.572 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 16838

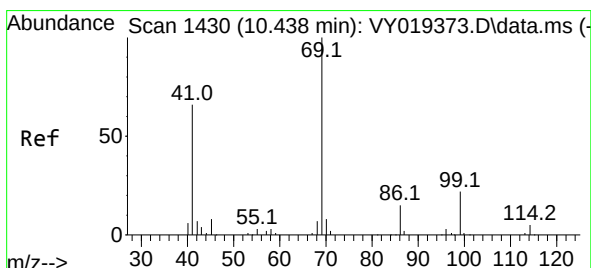
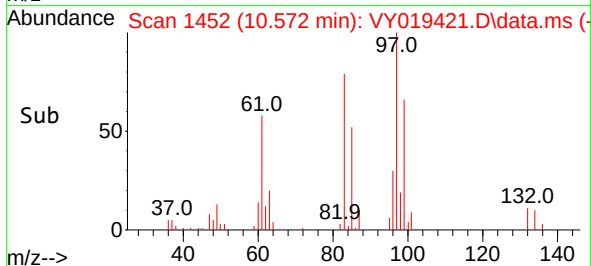
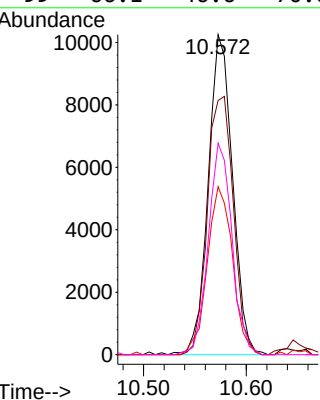
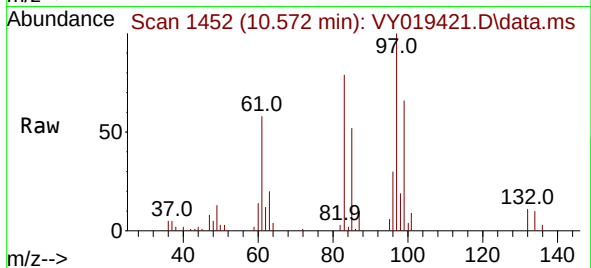
Ion Ratio Lower Upper

97 100

83 79.5 67.5 101.3

85 52.5 42.9 64.3

99 66.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 17.249 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

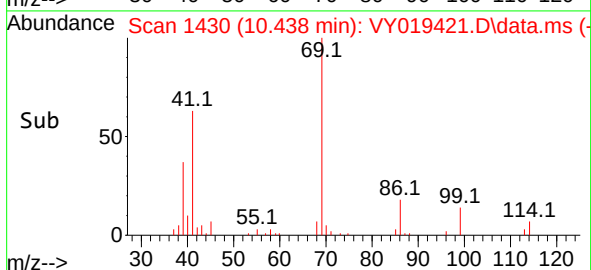
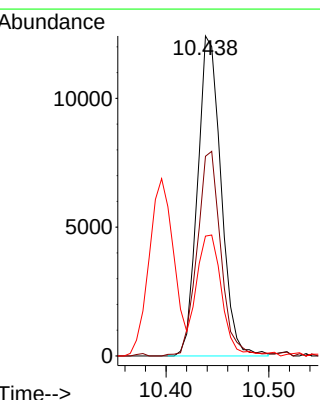
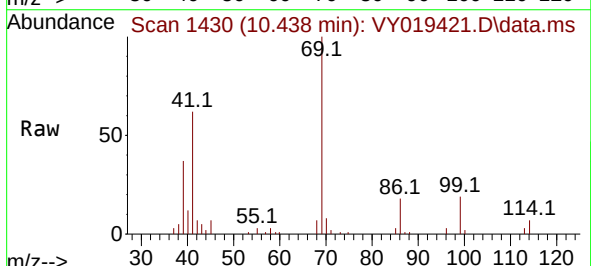
Tgt Ion: 69 Resp: 19675

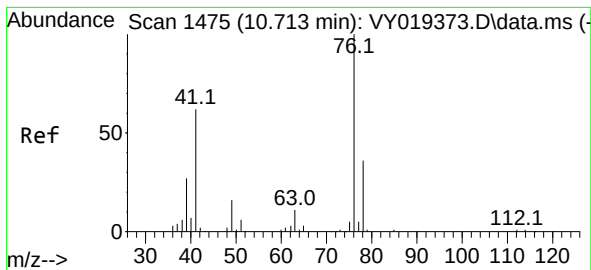
Ion Ratio Lower Upper

69 100

41 64.8 42.3 63.5#

39 40.7 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 19.224 ug/l

RT: 10.725 min Scan# 1475

Delta R.T. 0.012 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

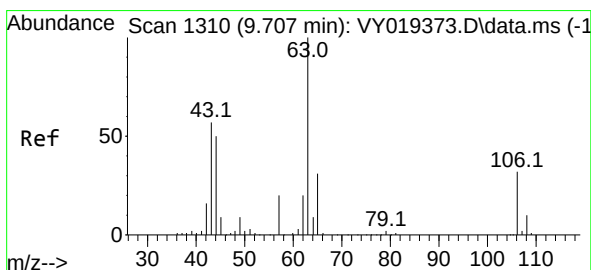
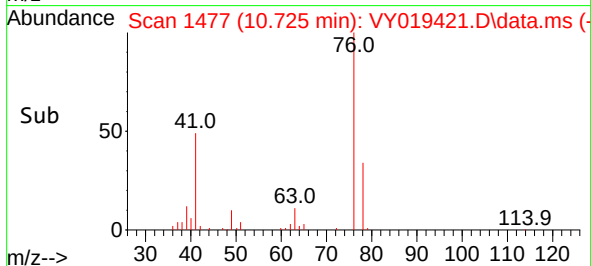
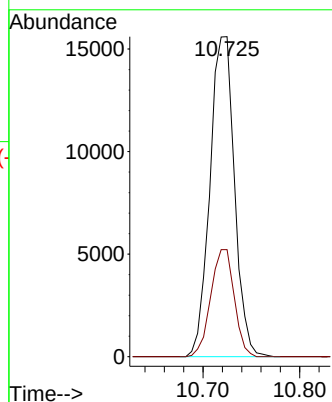
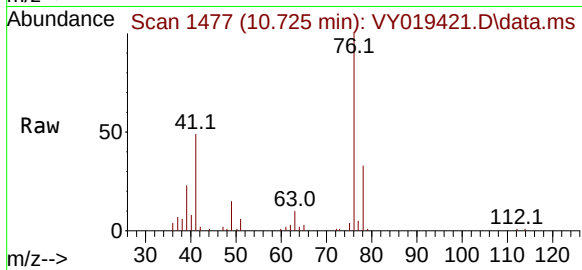
ClientSampleId :

Tgt Ion: 76 Resp: 27575

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 101.069 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY019421.D

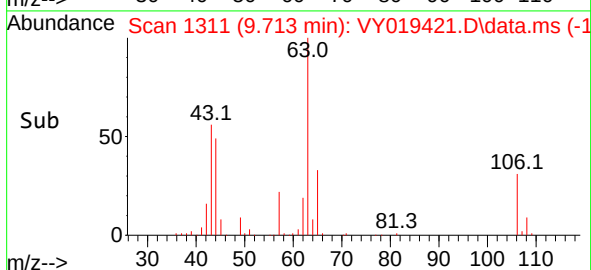
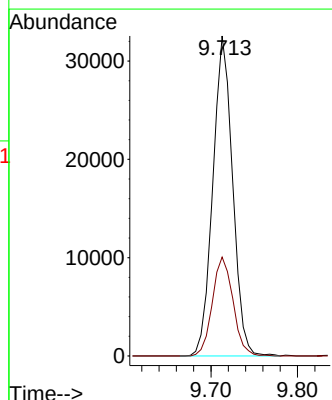
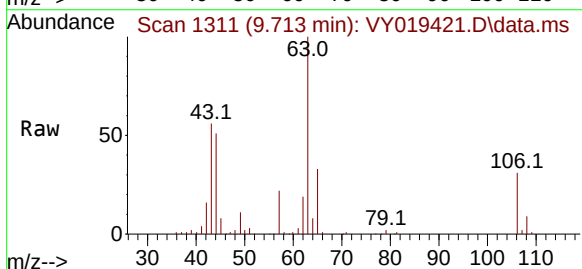
Acq: 03 Sep 2024 11:45

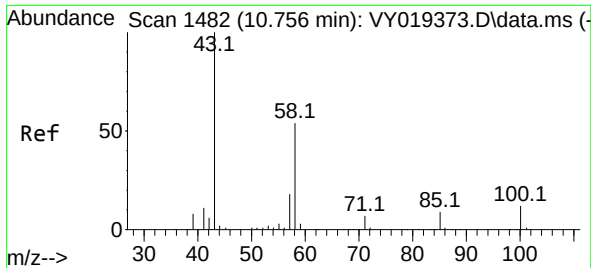
Tgt Ion: 63 Resp: 51685

Ion Ratio Lower Upper

63 100

106 32.2 23.7 35.5

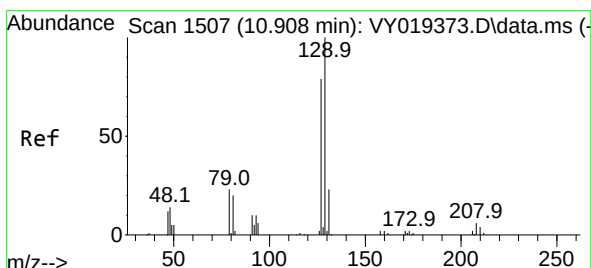
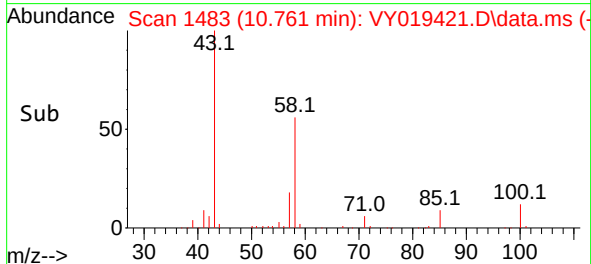
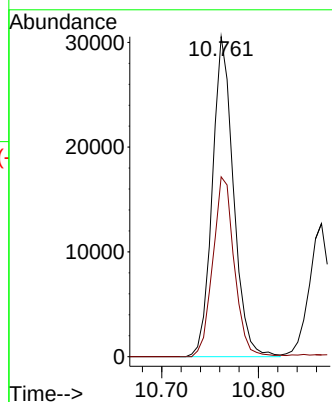
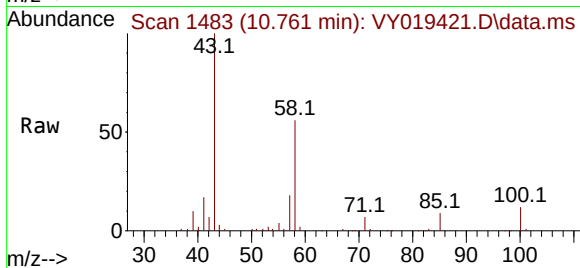




#59
2-Hexanone
Concen: 99.567 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

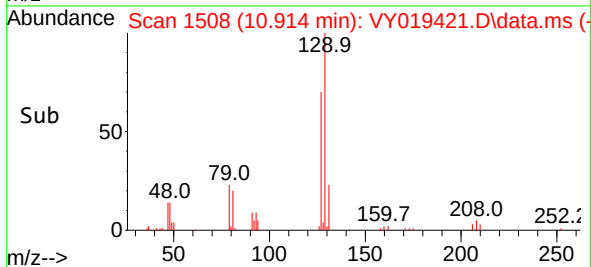
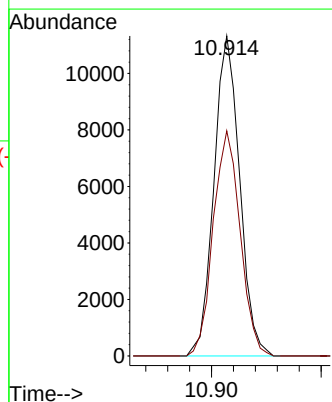
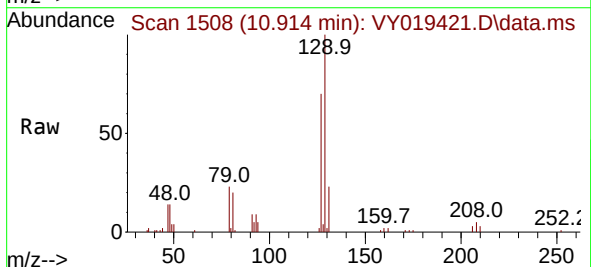
Instrument :
MSVOA_Y
ClientSampleId :

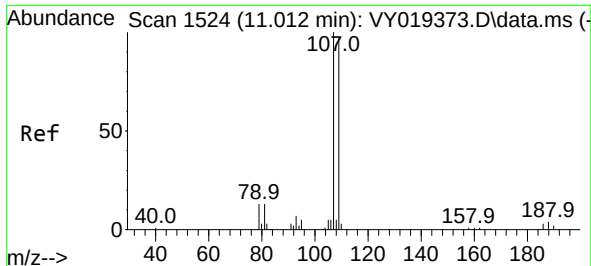
Tgt Ion: 43 Resp: 46337
Ion Ratio Lower Upper
43 100
58 57.1 31.4 94.0



#60
Dibromochloromethane
Concen: 15.422 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion:129 Resp: 18462
Ion Ratio Lower Upper
129 100
127 73.7 39.0 117.0

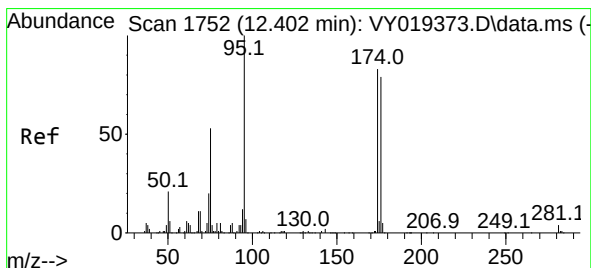
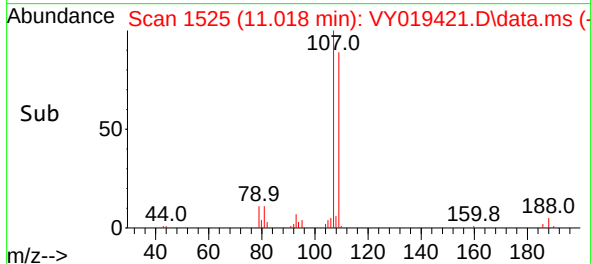
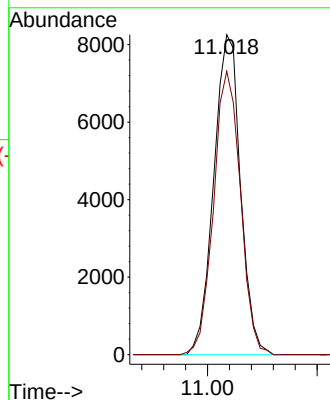
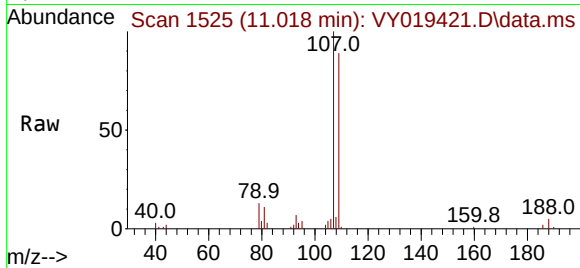




#61
1,2-Dibromoethane
Concen: 17.287 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

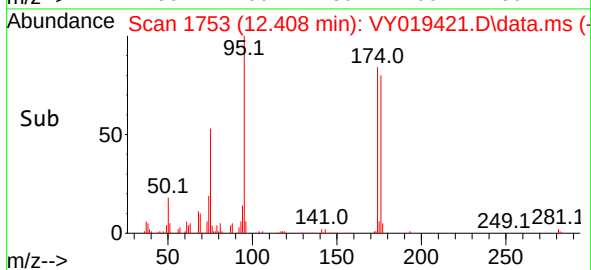
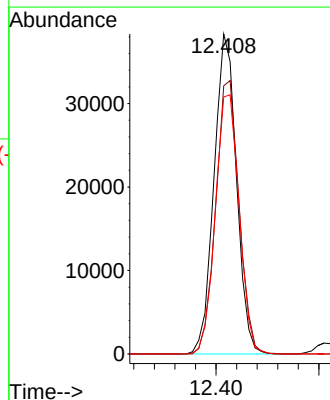
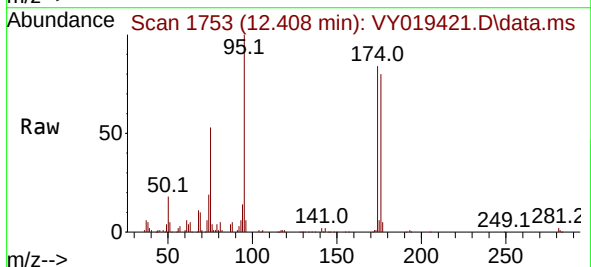
Instrument :
MSVOA_Y
ClientSampleId :

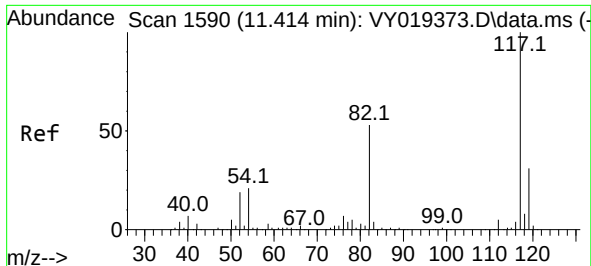
Tgt Ion:107 Resp: 13984
Ion Ratio Lower Upper
107 100
109 88.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 39.670 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion: 95 Resp: 57986
Ion Ratio Lower Upper
95 100
174 88.8 0.0 175.6
176 86.0 0.0 171.4

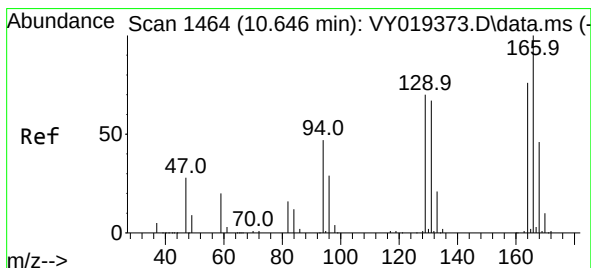
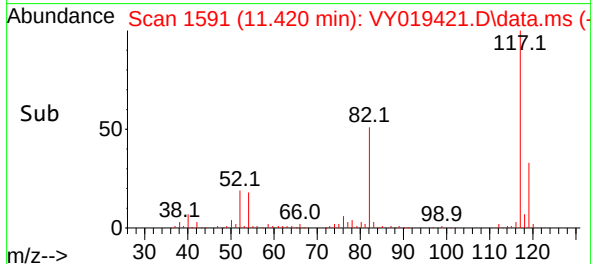
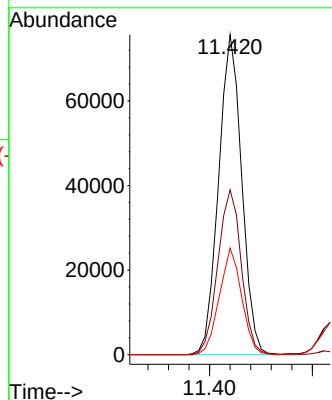
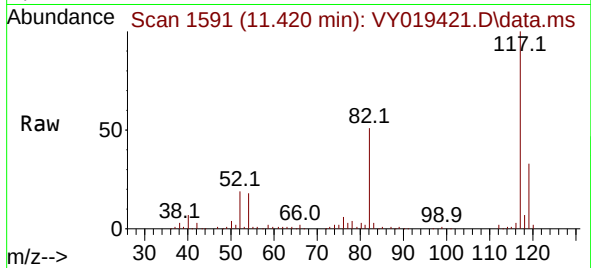




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

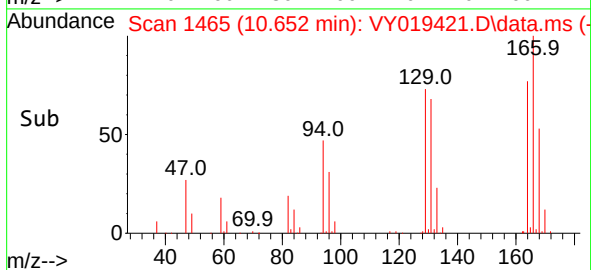
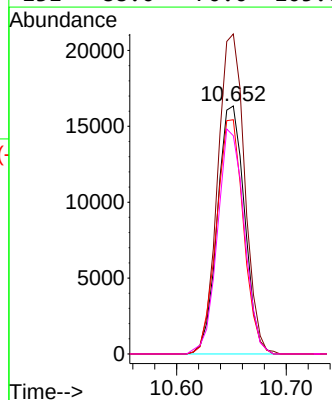
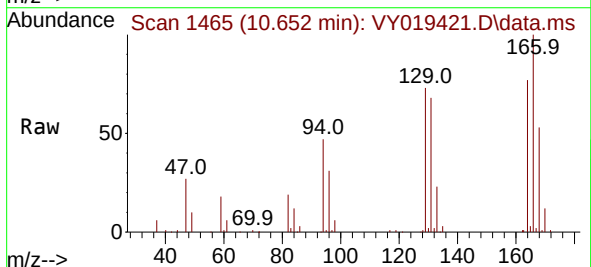
Instrument :
MSVOA_Y
ClientSampleId :

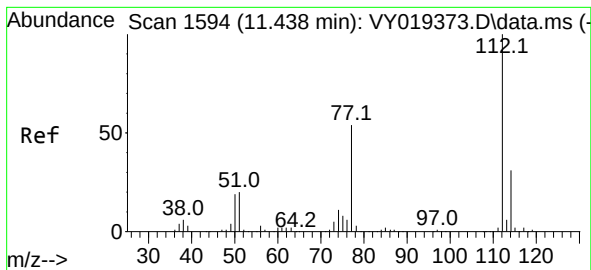
Tgt Ion:117 Resp: 118116
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 33.3 25.9 38.9



#64
Tetrachloroethene
Concen: 24.321 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion:164 Resp: 28058
Ion Ratio Lower Upper
164 100
166 129.1 102.6 154.0
129 94.5 72.0 108.0
131 88.0 70.0 105.0





#65

Chlorobenzene

Concen: 21.042 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

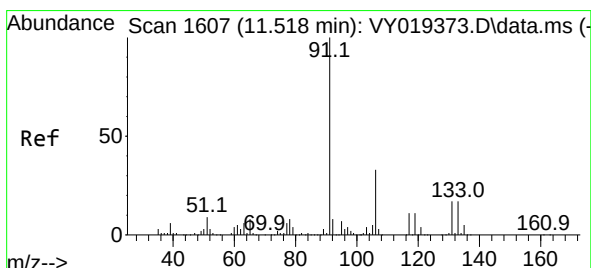
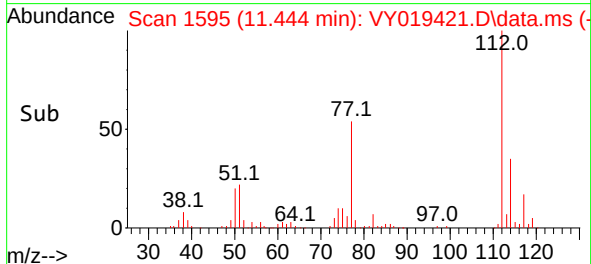
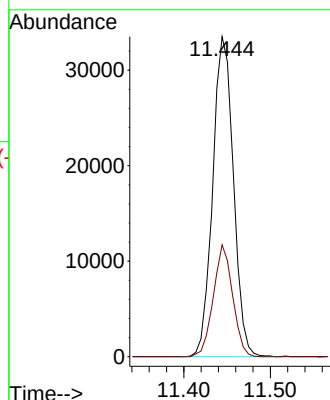
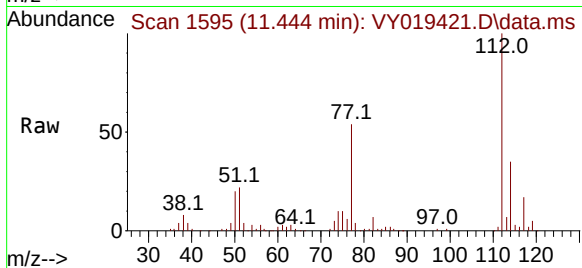
ClientSampleId :

Tgt Ion:112 Resp: 55606

Ion Ratio Lower Upper

112 100

114 35.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.364 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

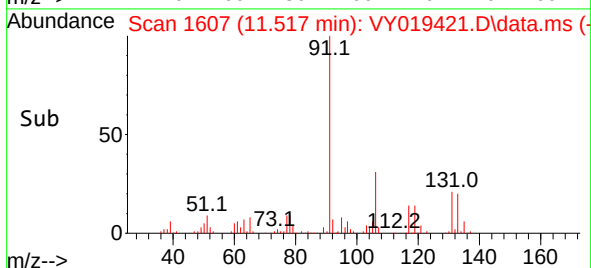
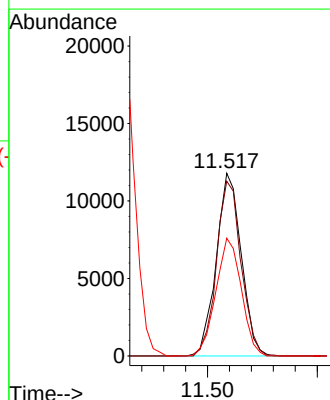
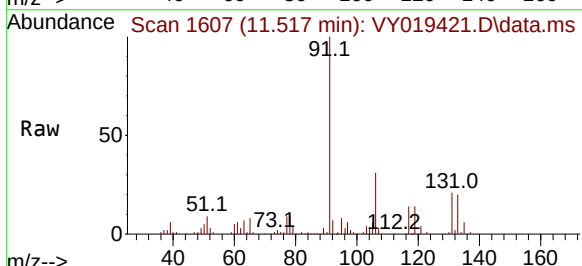
Tgt Ion:131 Resp: 18660

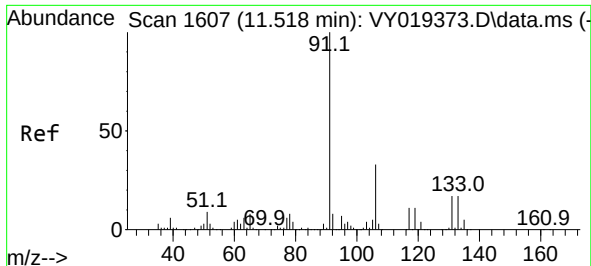
Ion Ratio Lower Upper

131 100

133 94.3 47.8 143.3

119 65.8 34.1 102.2





#67

Ethyl Benzene

Concen: 20.541 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

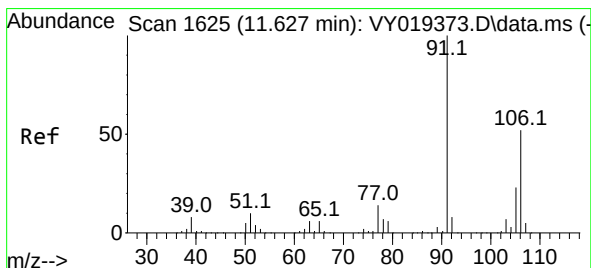
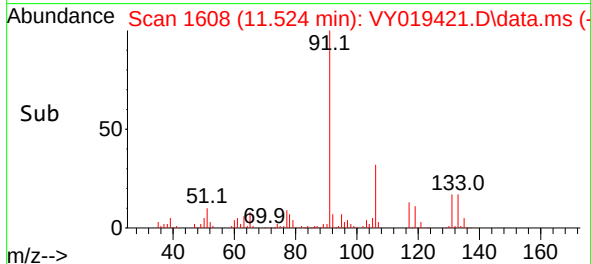
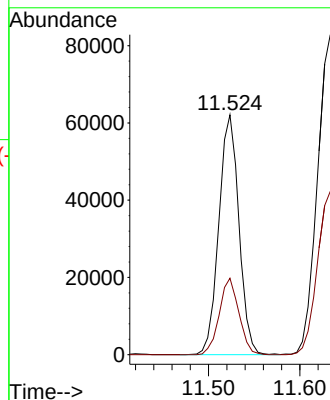
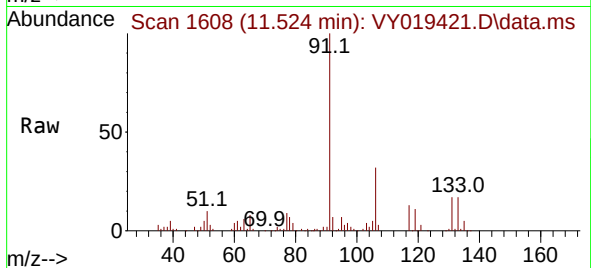
ClientSampleId :

Tgt Ion: 91 Resp: 94900

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 41.035 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY019421.D

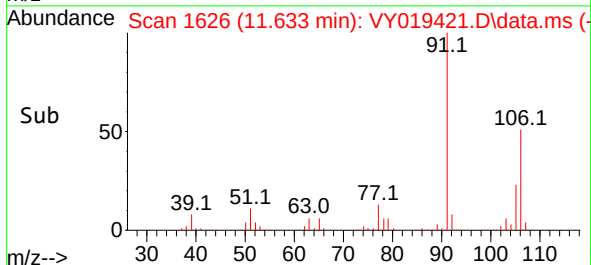
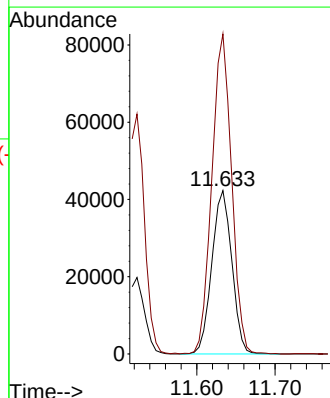
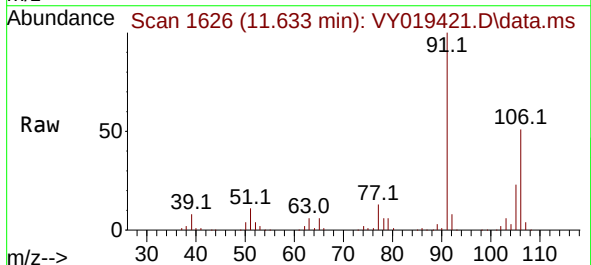
Acq: 03 Sep 2024 11:45

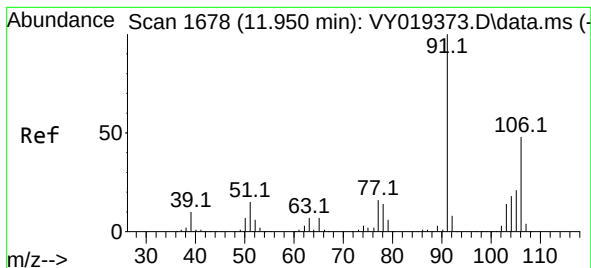
Tgt Ion:106 Resp: 75012

Ion Ratio Lower Upper

106 100

91 193.6 156.0 234.0





#69

o-Xylene

Concen: 21.124 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

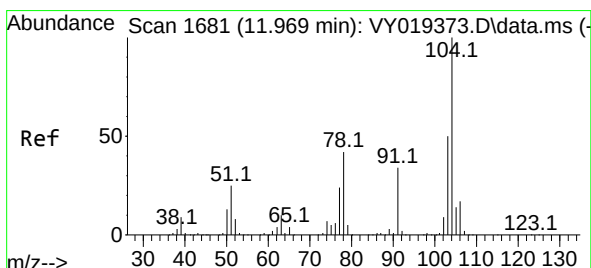
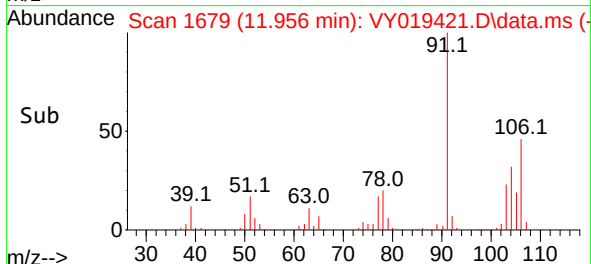
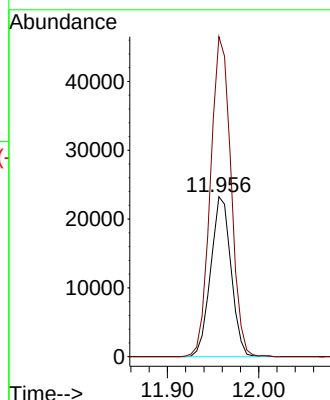
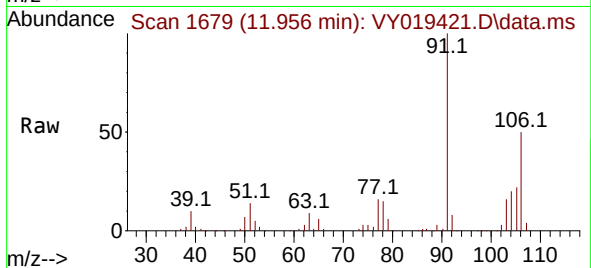
ClientSampleId :

Tgt Ion:106 Resp: 35967

Ion Ratio Lower Upper

106 100

91 201.4 103.6 310.8



#70

Styrene

Concen: 20.952 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

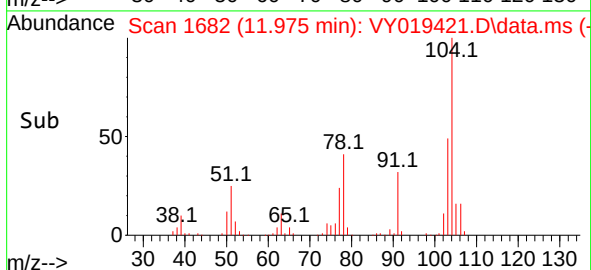
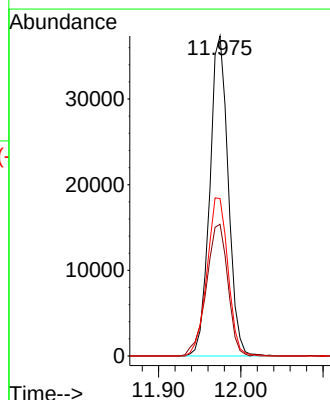
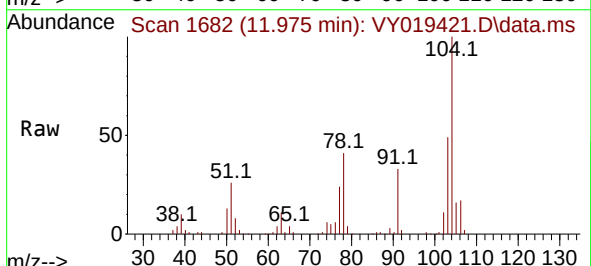
Tgt Ion:104 Resp: 58374

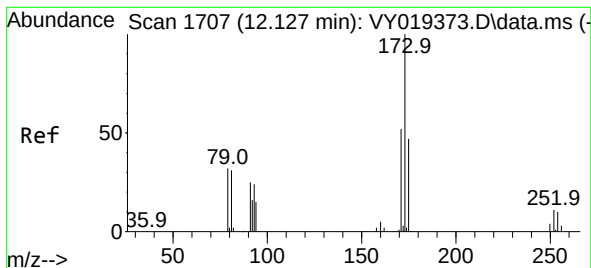
Ion Ratio Lower Upper

104 100

78 47.9 37.0 55.4

103 56.1 44.2 66.2





#71

Bromoform

Concen: 22.520 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

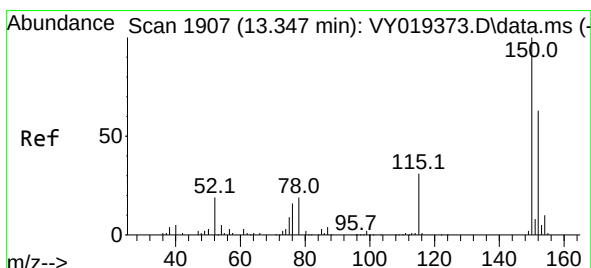
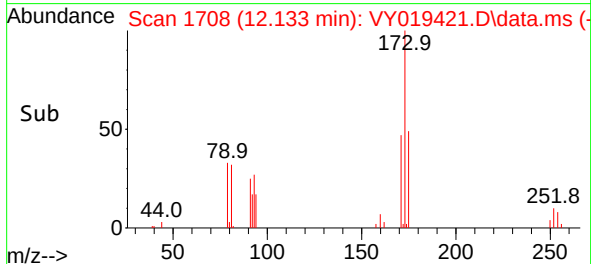
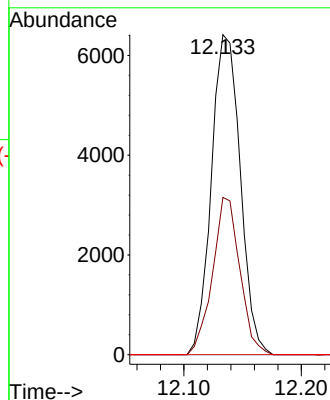
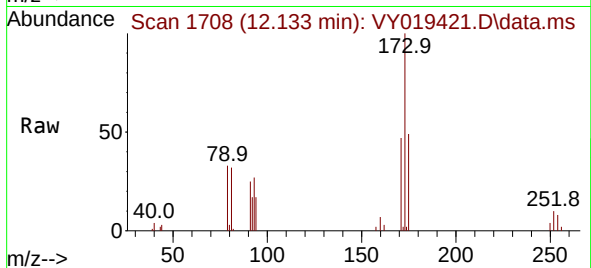
Tgt Ion:173 Resp: 10969

Ion Ratio Lower Upper

173 100

175 46.5 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

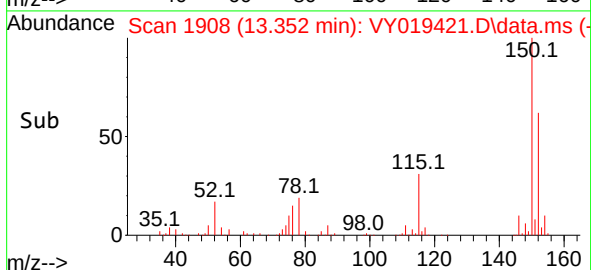
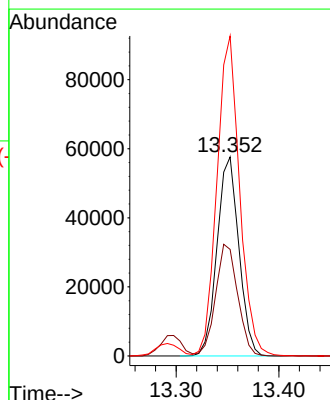
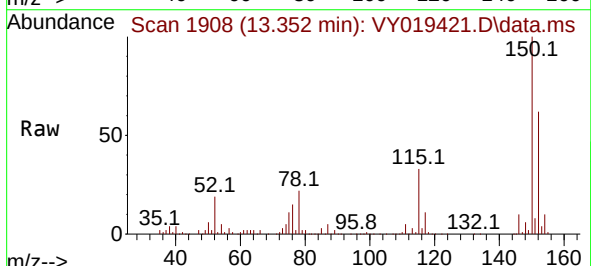
Tgt Ion:152 Resp: 84811

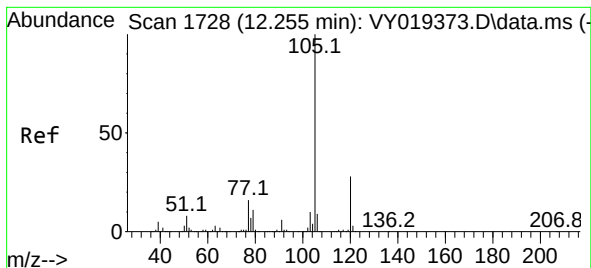
Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 167.1 0.0 345.6





#73

Isopropylbenzene

Concen: 13.743 ug/l

RT: 12.261 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

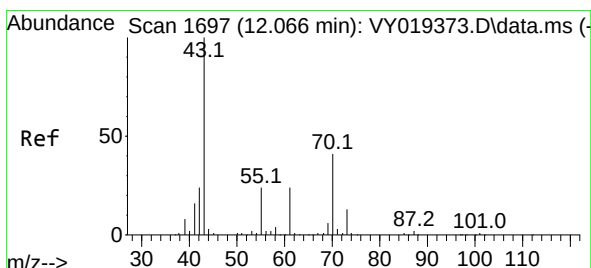
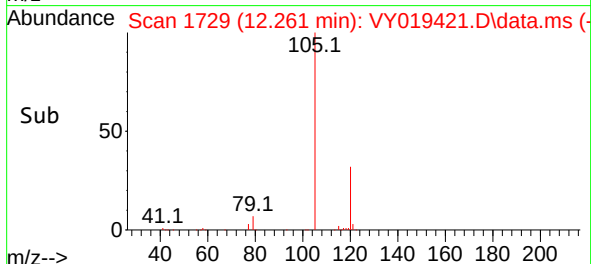
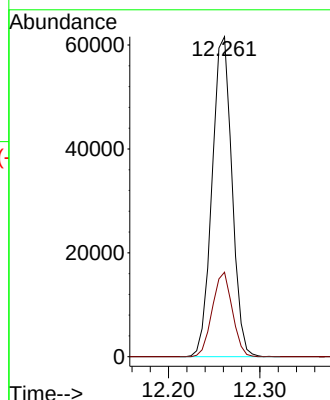
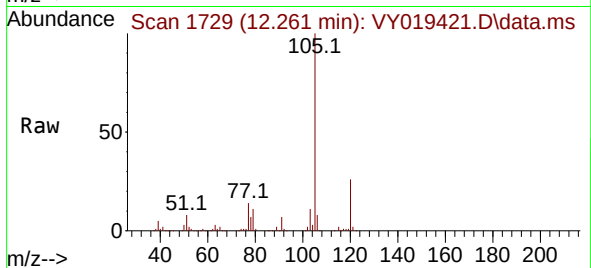
ClientSampleId :

Tgt Ion:105 Resp: 92936

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-amy1 acetate

Concen: 14.630 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Tgt Ion: 43 Resp: 19024

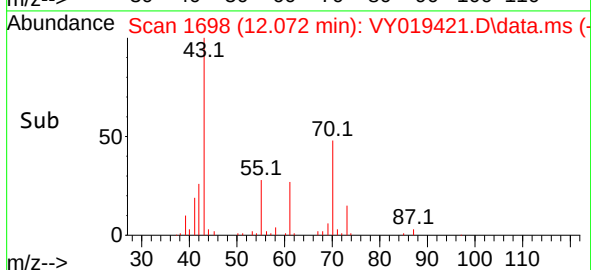
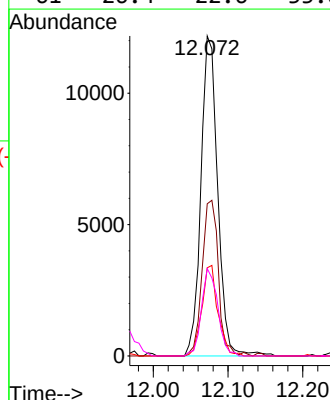
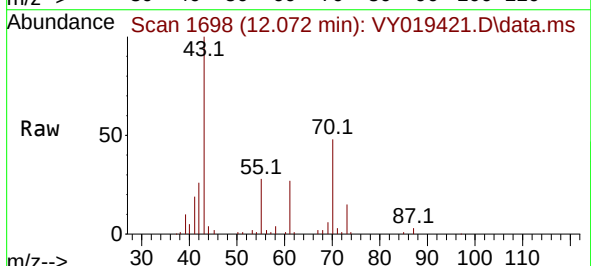
Ion Ratio Lower Upper

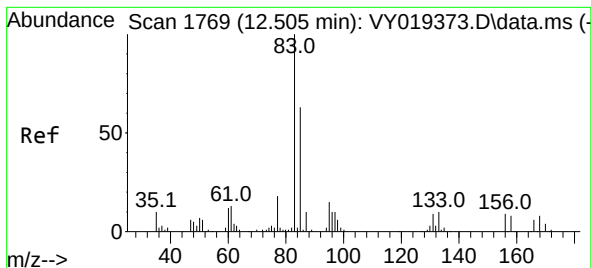
43 100

70 47.0 41.4 62.2

55 27.1 23.3 34.9

61 26.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 16.908 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

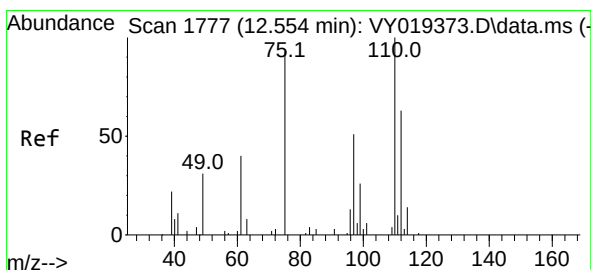
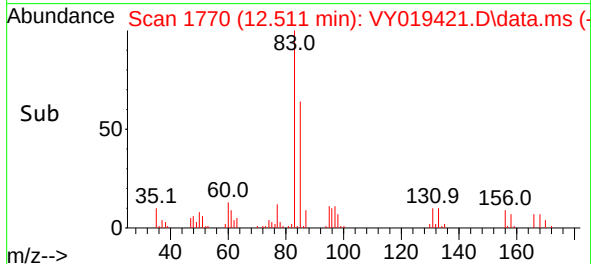
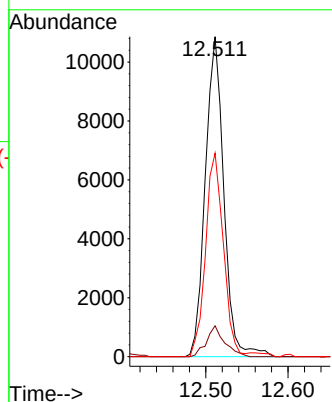
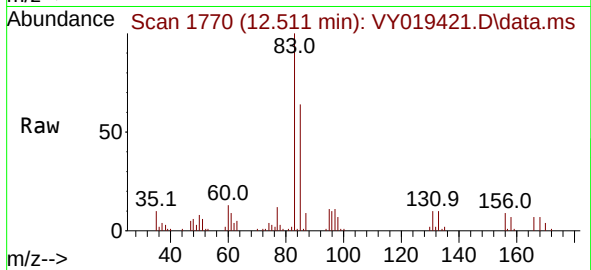
Tgt Ion: 83 Resp: 16994

Ion Ratio Lower Upper

83 100

131 9.4 5.0 14.9

85 61.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 26.964 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY019421.D

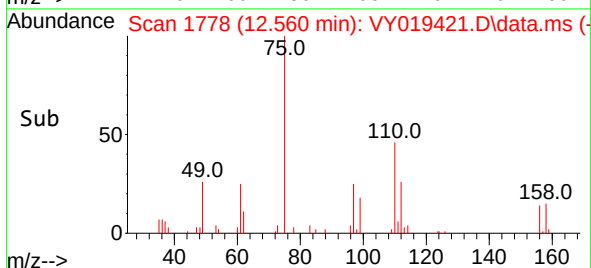
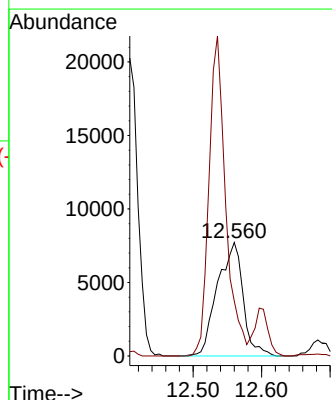
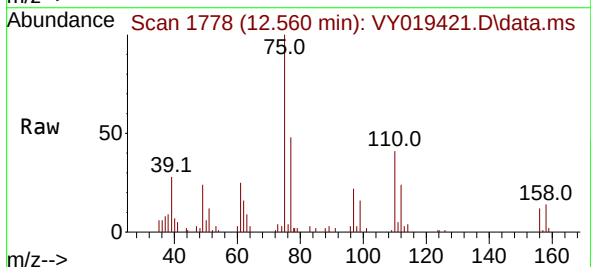
Acq: 03 Sep 2024 11:45

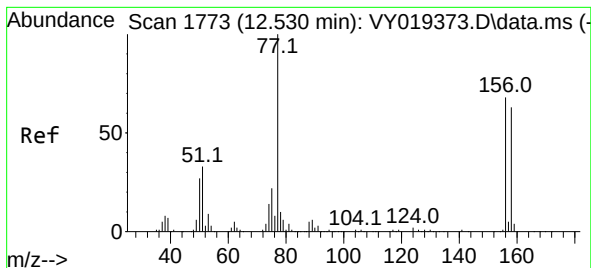
Tgt Ion: 75 Resp: 20083

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 13.554 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

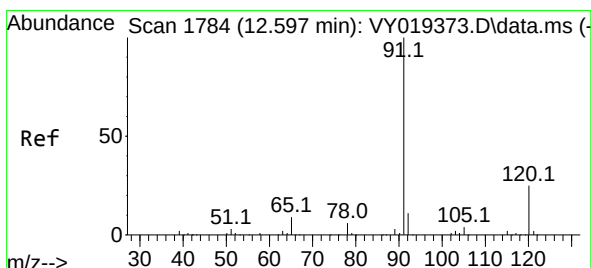
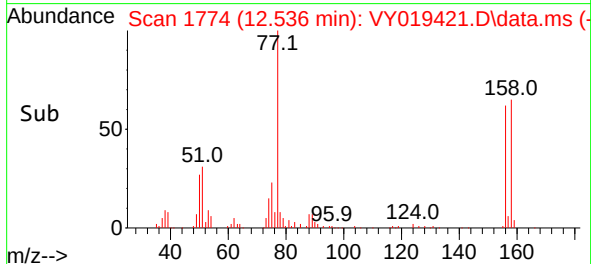
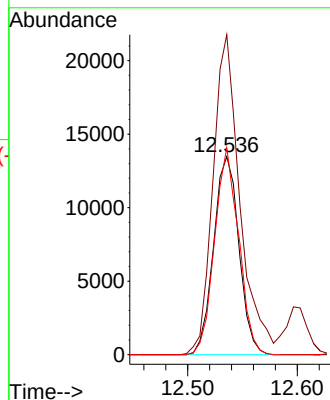
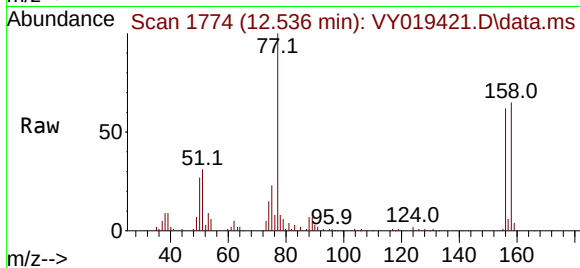
Tgt Ion:156 Resp: 21596

Ion Ratio Lower Upper

156 100

77 171.7 87.1 261.3

158 99.4 48.6 145.9



#78

n-propylbenzene

Concen: 13.937 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY019421.D

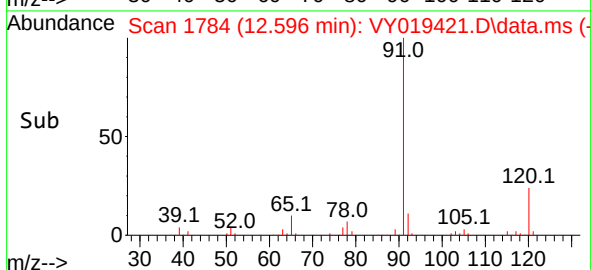
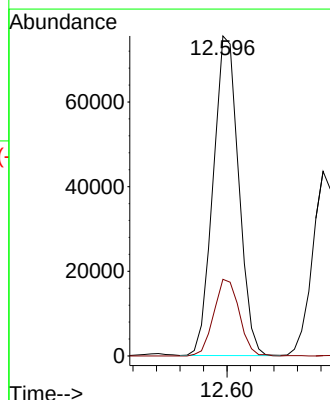
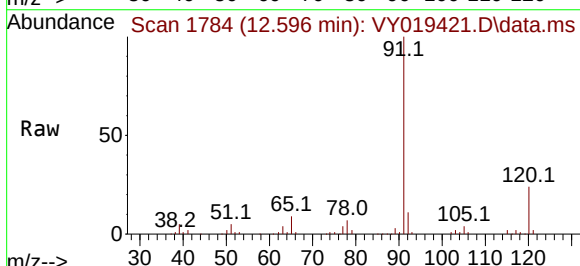
Acq: 03 Sep 2024 11:45

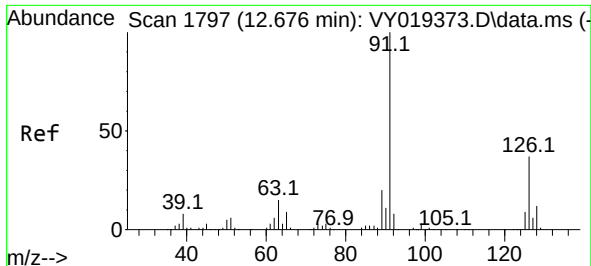
Tgt Ion: 91 Resp: 113876

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4

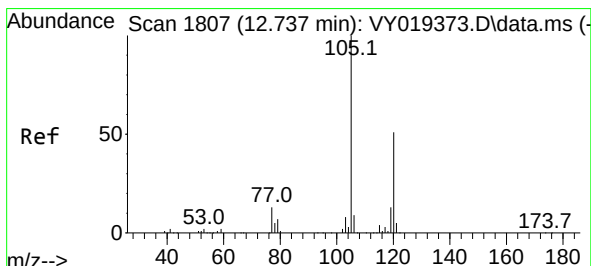
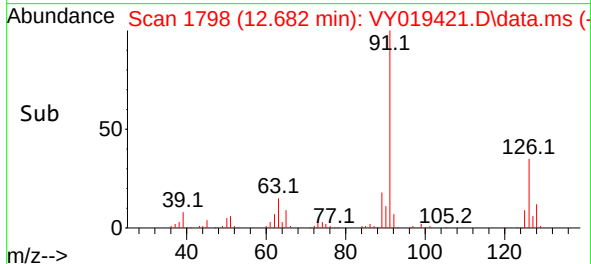
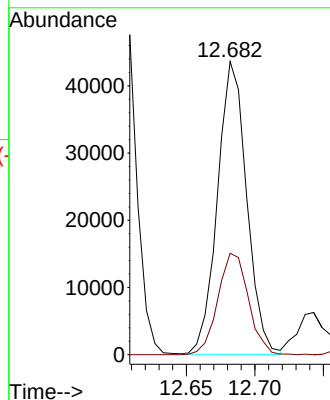
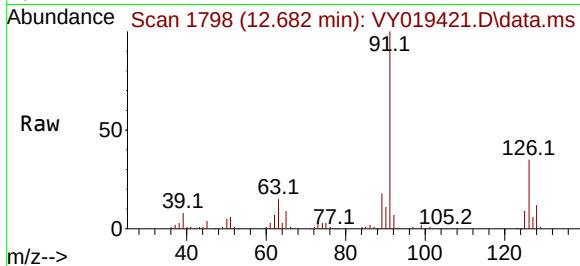




#79
2-Chlorotoluene
Concen: 14.189 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

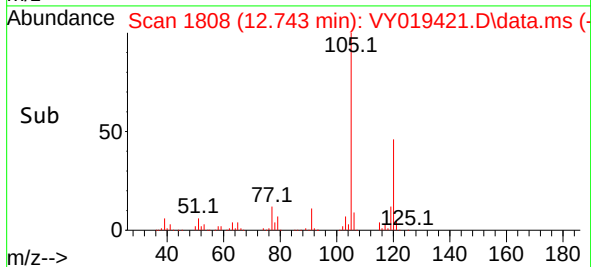
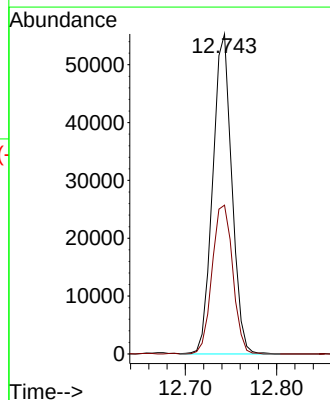
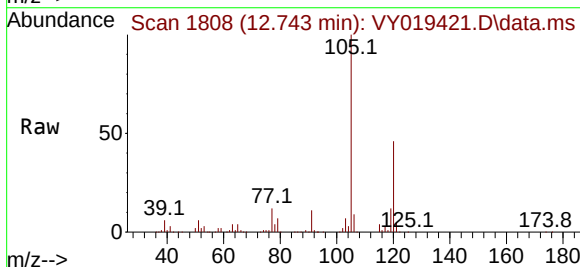
Instrument :
MSVOA_Y
ClientSampleId :

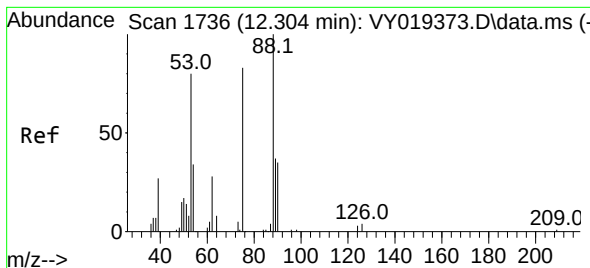
Tgt Ion: 91 Resp: 64592
Ion Ratio Lower Upper
91 100
126 36.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 15.024 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion: 105 Resp: 80050
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.2

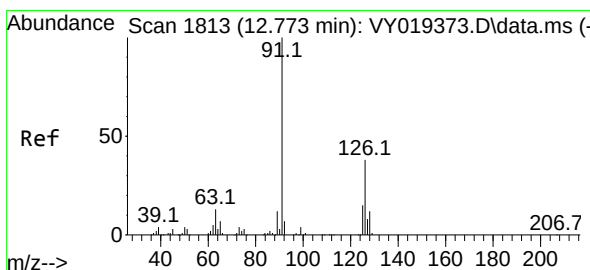
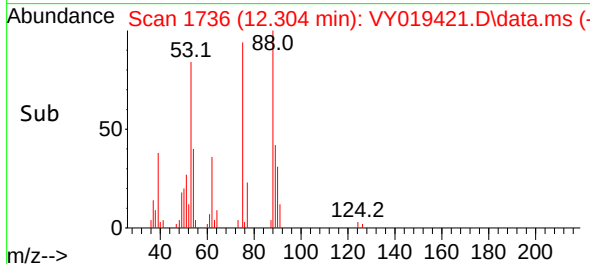
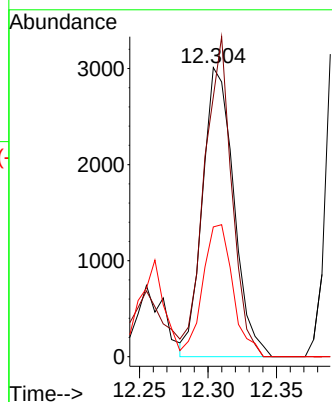
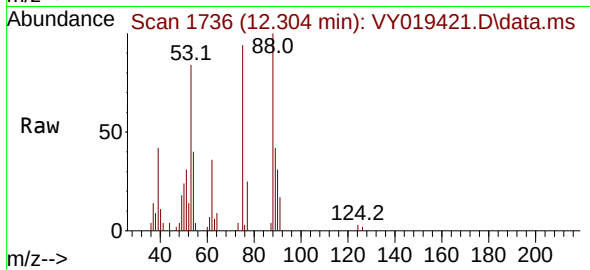




#81
trans-1,4-Dichloro-2-butene
Concen: 15.845 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

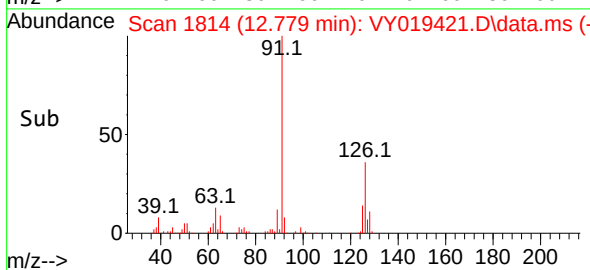
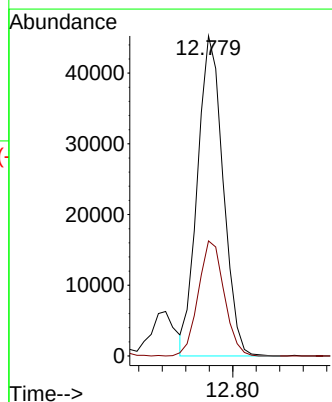
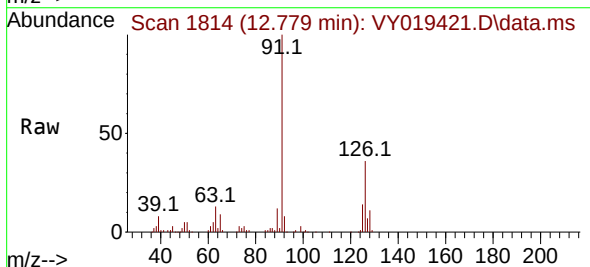
Instrument :
MSVOA_Y
ClientSampleId :

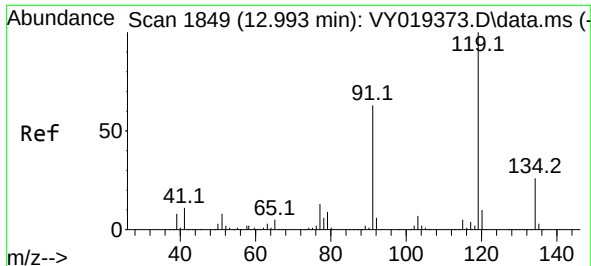
Tgt Ion: 75 Resp: 4770
Ion Ratio Lower Upper
75 100
53 96.6 66.8 100.2
89 44.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 14.892 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion: 91 Resp: 68579
Ion Ratio Lower Upper
91 100
126 36.2 17.6 52.9

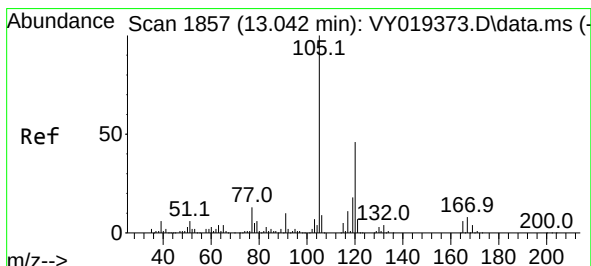
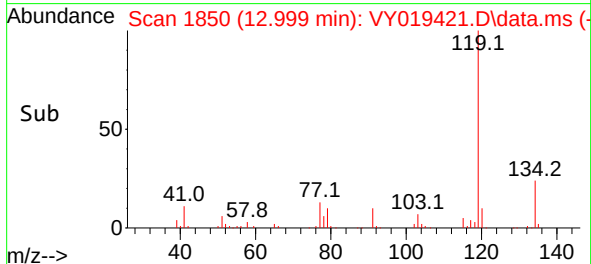
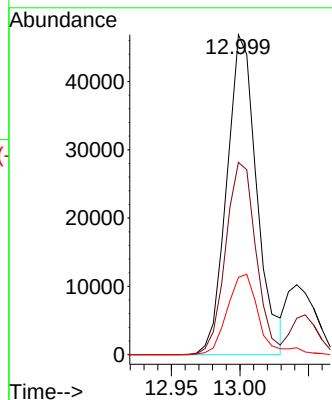
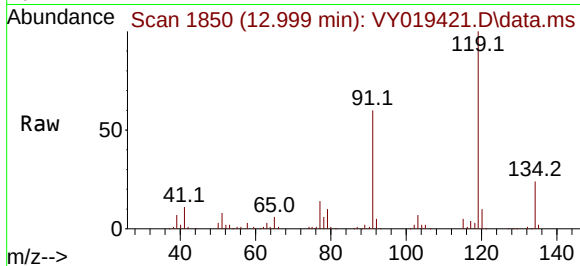




#83
 tert-Butylbenzene
 Concen: 14.670 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.006 min
 Lab File: VY019421.D
 Acq: 03 Sep 2024 11:45

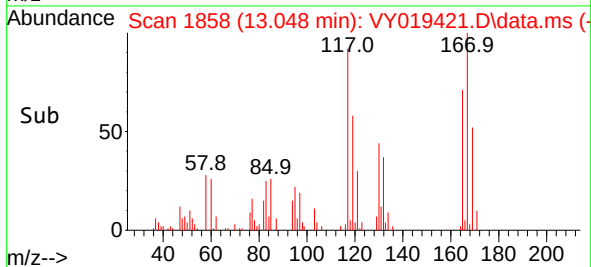
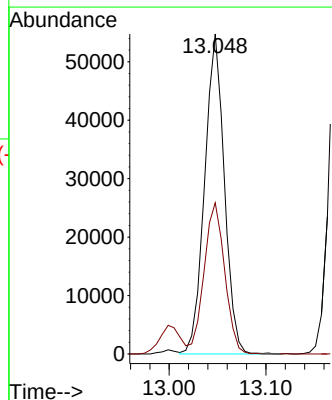
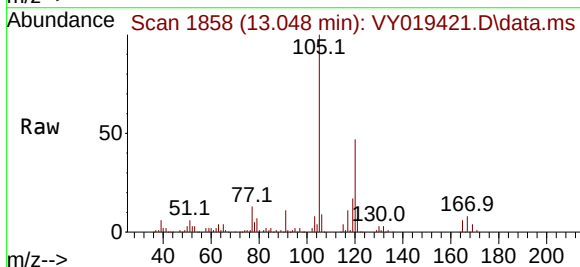
Instrument :
 MSVOA_Y
 ClientSampleId :

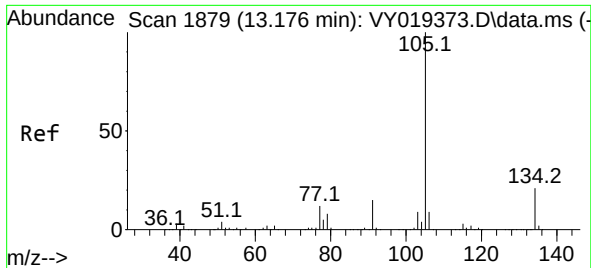
Tgt Ion:119 Resp: 71490
 Ion Ratio Lower Upper
 119 100
 91 60.7 31.3 93.8
 134 26.6 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 15.177 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.006 min
 Lab File: VY019421.D
 Acq: 03 Sep 2024 11:45

Tgt Ion:105 Resp: 77639
 Ion Ratio Lower Upper
 105 100
 120 49.5 23.2 69.6

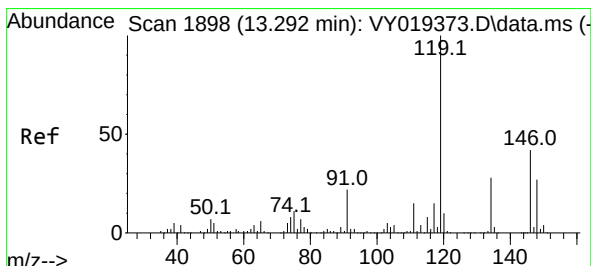
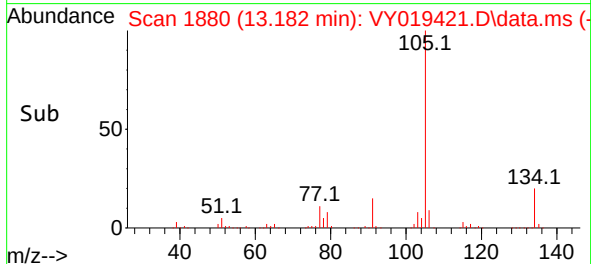
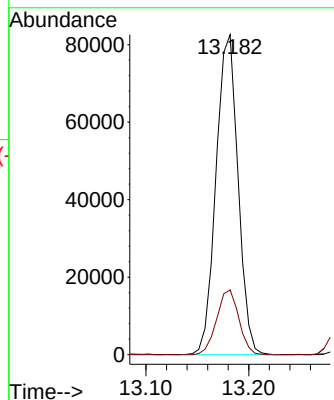
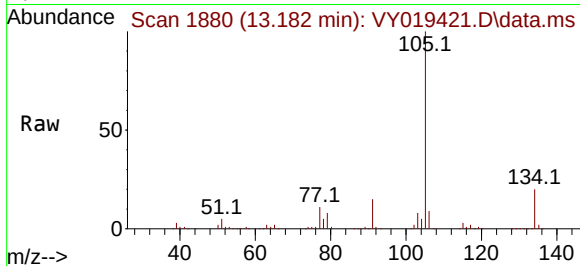




#85
 sec-Butylbenzene
 Concen: 17.168 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY019421.D
 Acq: 03 Sep 2024 11:45

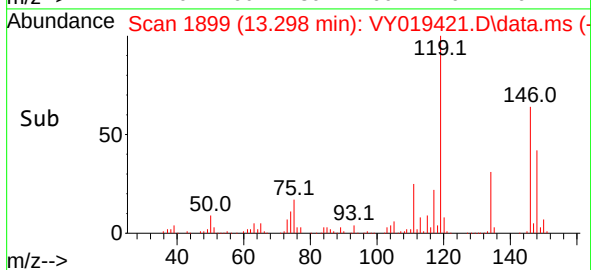
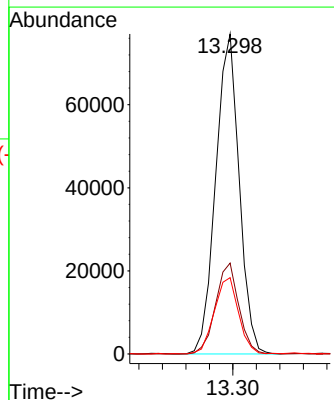
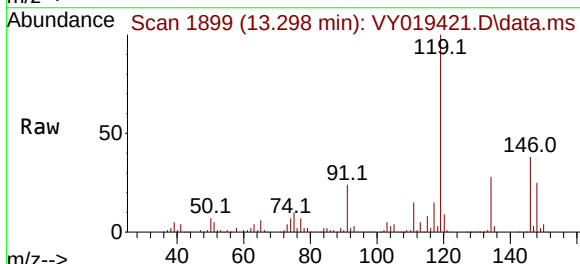
Instrument :
 MSVOA_Y
 ClientSampleId :

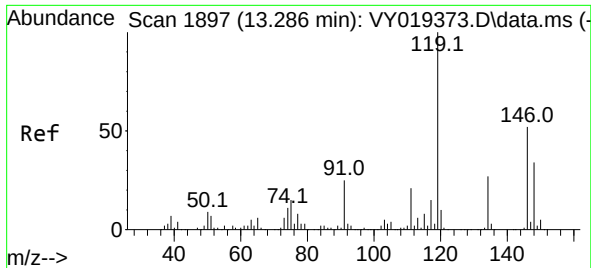
Tgt Ion:105 Resp: 122618
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.367 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY019421.D
 Acq: 03 Sep 2024 11:45

Tgt Ion:119 Resp: 106857
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.1 39.3
 91 24.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.981 ug/l

RT: 13.291 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

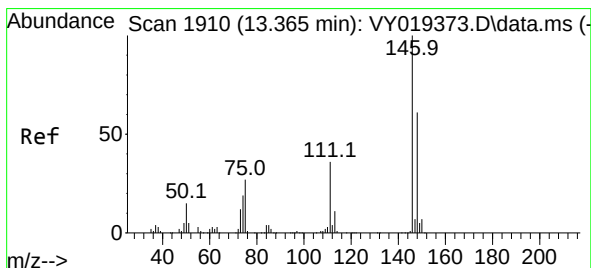
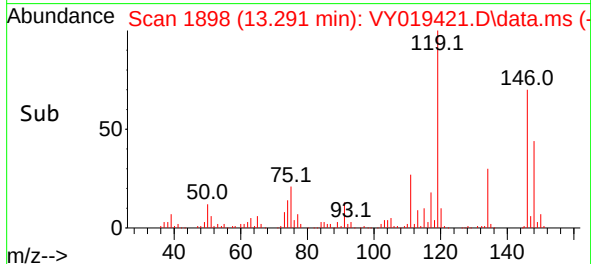
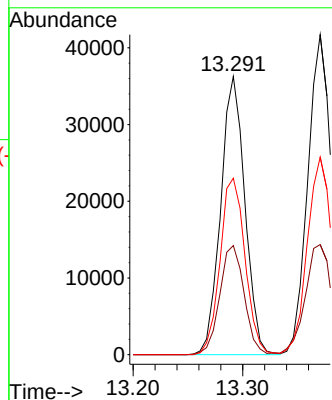
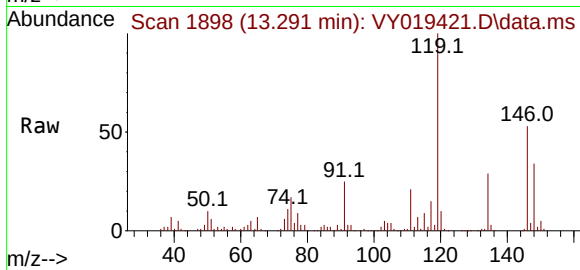
Tgt Ion:146 Resp: 55637

Ion Ratio Lower Upper

146 100

111 39.8 19.0 57.0

148 65.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.523 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

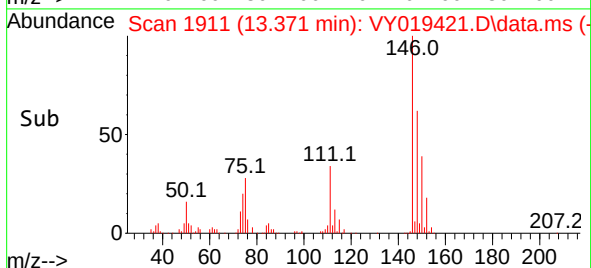
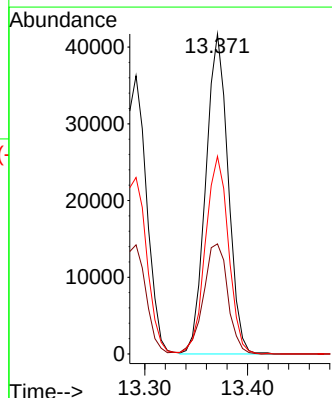
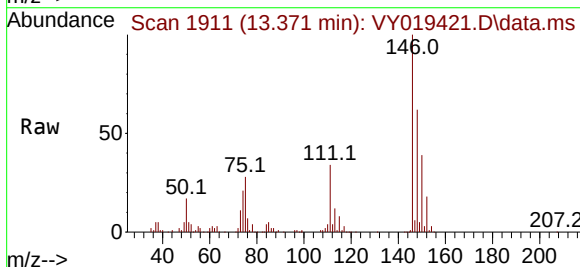
Tgt Ion:146 Resp: 62948

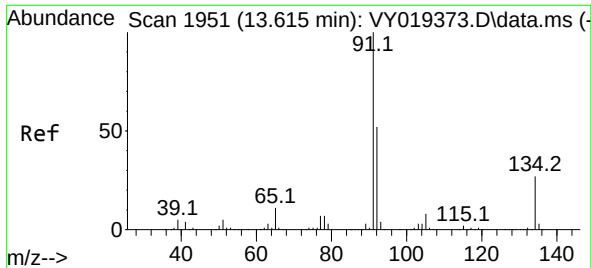
Ion Ratio Lower Upper

146 100

111 37.5 18.4 55.4

148 63.8 32.4 97.2

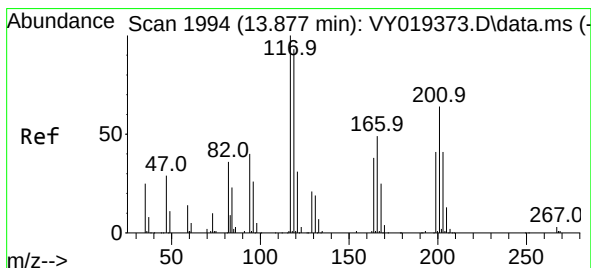
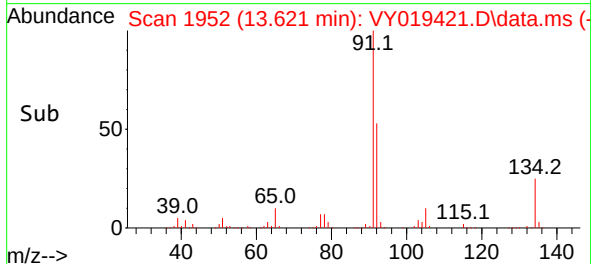
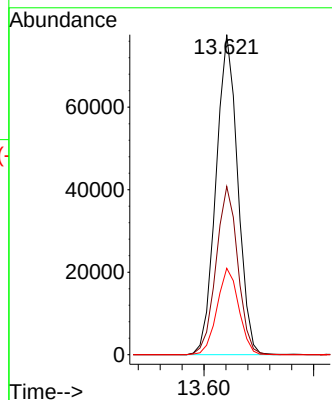
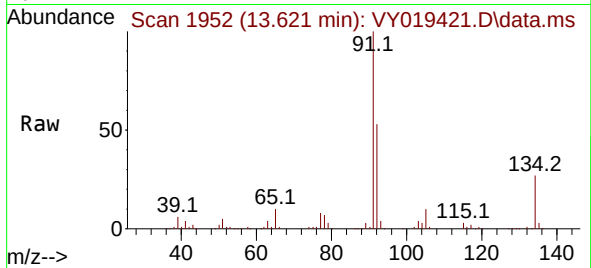




#89
n-Butylbenzene
Concen: 20.018 ug/l
RT: 13.621 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

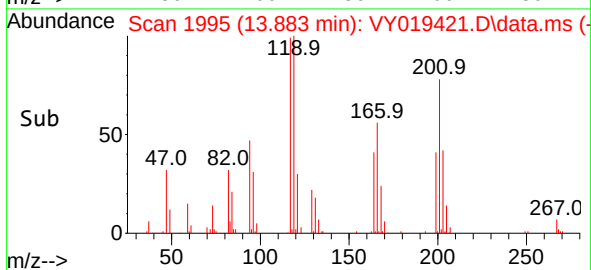
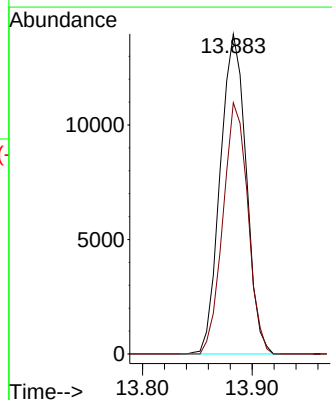
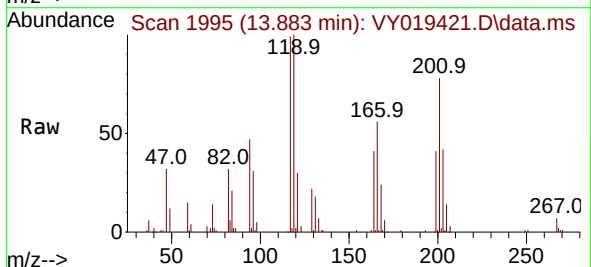
Instrument :
MSVOA_Y
ClientSampleId :

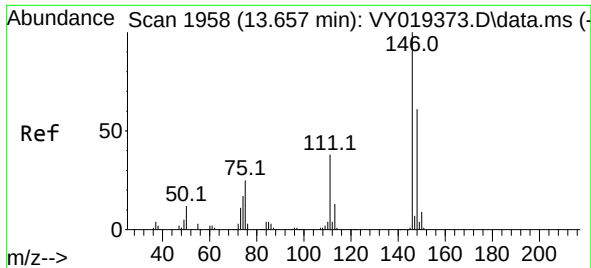
Tgt Ion: 91 Resp: 107007
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.7
134 27.0 12.9 38.7



#90
Hexachloroethane
Concen: 19.468 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion: 117 Resp: 22960
Ion Ratio Lower Upper
117 100
201 75.4 37.4 112.2

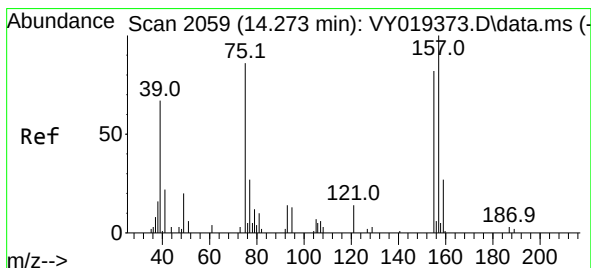
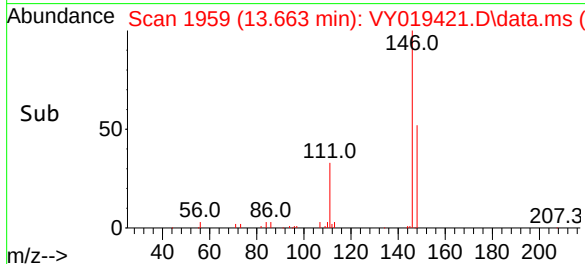
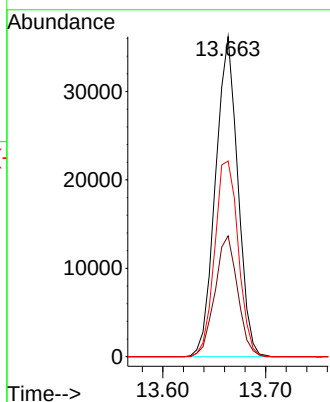
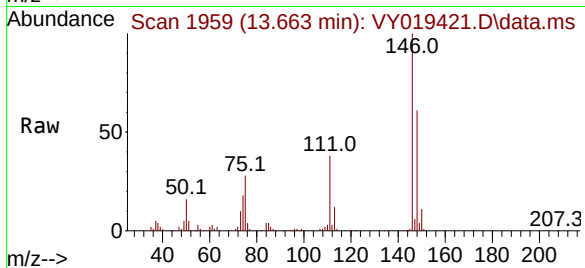




#91
1,2-Dichlorobenzene
Concen: 21.061 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

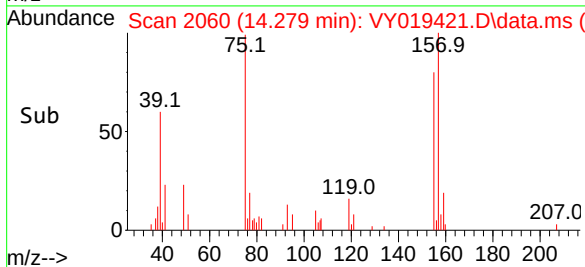
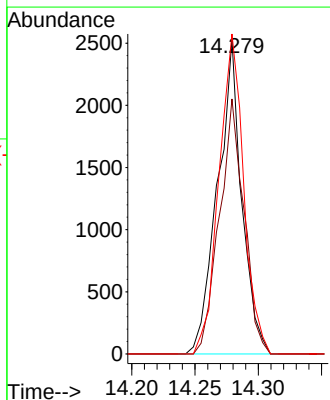
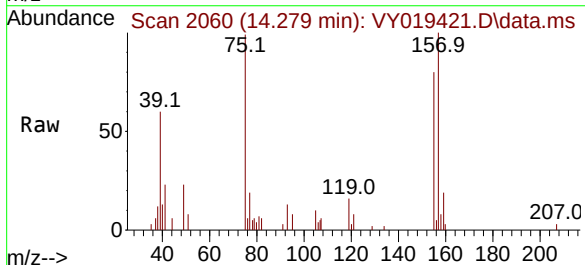
Instrument :
MSVOA_Y
ClientSampleId :

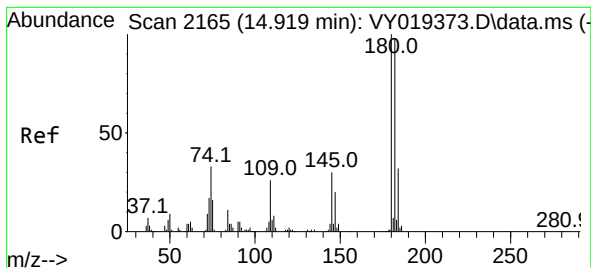
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.9	59.7
148	64.7	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.454 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY019421.D
Acq: 03 Sep 2024 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	48.6	145.8
157	104.2	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 23.034 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

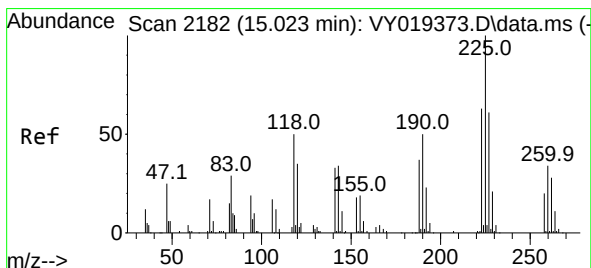
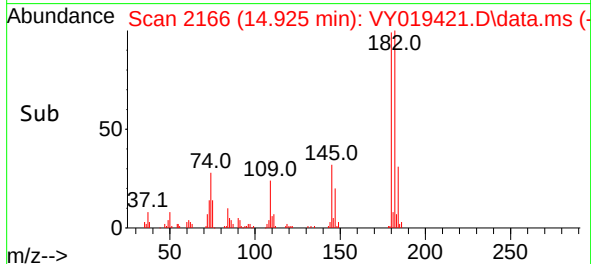
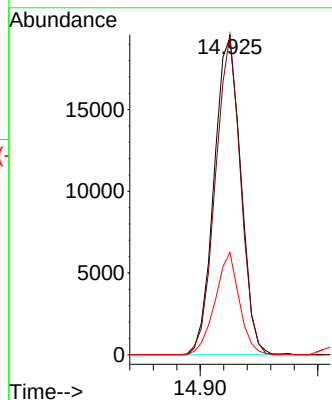
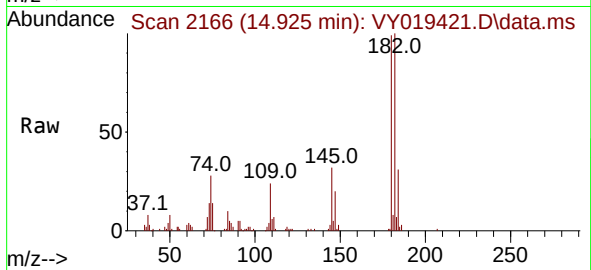
Tgt Ion:180 Resp: 30618

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.8

145 29.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.625 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

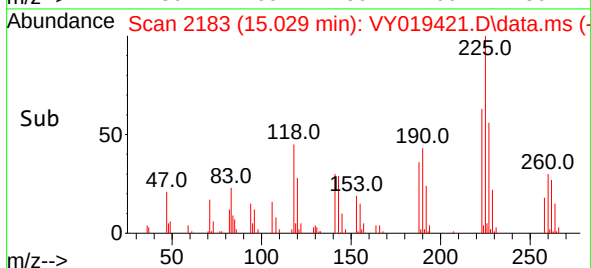
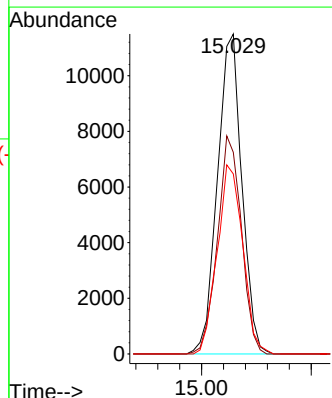
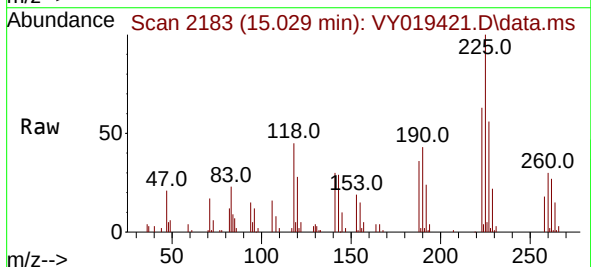
Tgt Ion:225 Resp: 17799

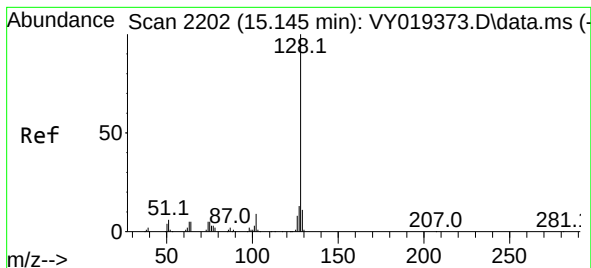
Ion Ratio Lower Upper

225 100

223 66.6 30.4 91.2

227 61.9 31.9 95.9





#95

Naphthalene

Concen: 23.018 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY019421.D

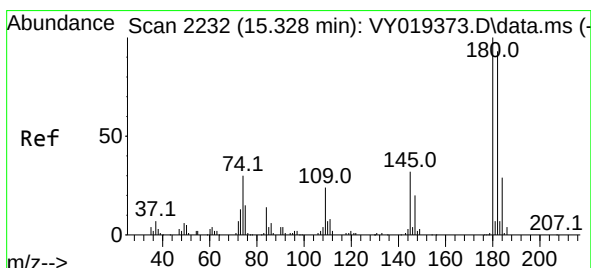
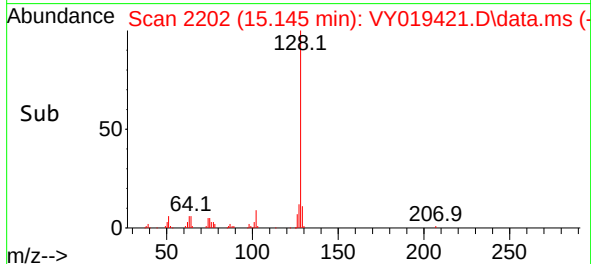
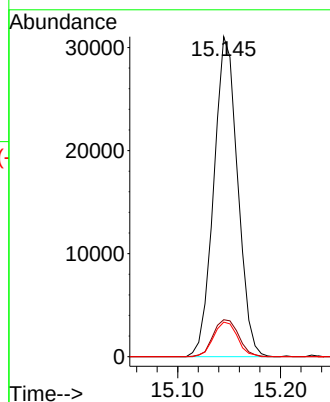
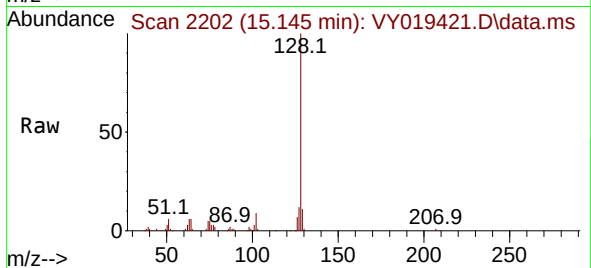
Acq: 03 Sep 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	50099
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.6 16.0
129	10.8	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.705 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY019421.D

Acq: 03 Sep 2024 11:45

Tgt Ion:180	Resp:	25822
Ion Ratio	Lower	Upper
180	100	
182	92.2	47.6 142.9
145	30.5	15.4 46.1

