

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020545.D
 Acq On : 09 Dec 2024 10:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 03:54:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	186100	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	289936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	236617	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	109947	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90968	48.063	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.120%
35) Dibromofluoromethane	7.634	113	92027	50.418	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.840%
50) Toluene-d8	10.103	98	344595	49.579	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.160%
62) 4-Bromofluorobenzene	12.408	95	119154	49.017	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	83555	46.028	ug/l	100
3) Chloromethane	2.074	50	84305	45.868	ug/l	98
4) Vinyl Chloride	2.208	62	87674	46.785	ug/l	95
5) Bromomethane	2.598	94	52775	47.997	ug/l	100
6) Chloroethane	2.739	64	53913	46.939	ug/l	99
7) Trichlorofluoromethane	3.062	101	160033	45.596	ug/l	98
8) Diethyl Ether	3.458	74	46172	46.430	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.824	101	92814	45.385	ug/l	97
10) Methyl Iodide	4.007	142	108264	47.158	ug/l	97
11) Tert butyl alcohol	4.854	59	30656	249.691	ug/l	100
12) 1,1-Dichloroethene	3.793	96	90698	46.949	ug/l	91
13) Acrolein	3.653	56	20315	176.727	ug/l	99
14) Allyl chloride	4.385	41	153646	44.593	ug/l	94
15) Acrylonitrile	5.055	53	96128	231.999	ug/l	100
16) Acetone	3.866	43	123816	263.098	ug/l	96
17) Carbon Disulfide	4.110	76	267014	48.292	ug/l	100
18) Methyl Acetate	4.385	43	46709	46.698	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	225436	45.694	ug/l	98
20) Methylene Chloride	4.622	84	92792	46.351	ug/l	91
21) trans-1,2-Dichloroethene	5.122	96	98876	46.080	ug/l	98
22) Diisopropyl ether	6.019	45	300976	43.928	ug/l	99
23) Vinyl Acetate	5.964	43	816637	225.343	ug/l	99
24) 1,1-Dichloroethane	5.915	63	183414	44.465	ug/l	98
25) 2-Butanone	6.890	43	145296	244.500	ug/l	93
26) 2,2-Dichloropropane	6.890	77	173048	44.355	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	114376	45.650	ug/l	96
28) Bromochloromethane	7.244	49	70130	45.528	ug/l	93
29) Tetrahydrofuran	7.262	42	76773	226.459	ug/l	95
30) Chloroform	7.421	83	186361	44.021	ug/l	95
31) Cyclohexane	7.701	56	156387	41.937	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	178549	43.801	ug/l	97
36) 1,1-Dichloropropene	7.835	75	138515	44.938	ug/l	99
37) Ethyl Acetate	6.982	43	55515	45.461	ug/l	97
38) Carbon Tetrachloride	7.817	117	164929	44.832	ug/l	98
39) Methylcyclohexane	9.109	83	171748	44.903	ug/l	99
40) Benzene	8.079	78	405768	44.648	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	29401	42.352	ug/l	93
42) 1,2-Dichloroethane	8.158	62	105396	44.136	ug/l	99
43) Isopropyl Acetate	8.195	43	110281	44.723	ug/l #	89
44) Trichloroethene	8.866	130	101346	45.236	ug/l	99
45) 1,2-Dichloropropane	9.140	63	93373	43.905	ug/l	98
46) Dibromomethane	9.231	93	47961	45.548	ug/l	96
47) Bromodichloromethane	9.420	83	137609	44.357	ug/l	99
48) Methyl methacrylate	9.219	41	51834	45.078	ug/l	95
49) 1,4-Dioxane	9.225	88	10513	1044.525	ug/l	91
51) 4-Methyl-2-Pentanone	9.993	43	277999	228.285	ug/l	97
52) Toluene	10.170	92	255297	45.024	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	127053	45.617	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	149727	45.488	ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	64336	45.803	ug/l	97
56) Ethyl methacrylate	10.438	69	91974	46.277	ug/l	91
57) 1,3-Dichloropropane	10.719	76	113653	45.186	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	201570	216.616	ug/l	96
59) 2-Hexanone	10.762	43	206945	235.563	ug/l	95
60) Dibromochloromethane	10.908	129	88973	45.497	ug/l	100
61) 1,2-Dibromoethane	11.012	107	58196	45.306	ug/l	99
64) Tetrachloroethene	10.646	164	88833	44.431	ug/l	96
65) Chlorobenzene	11.444	112	264928	44.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	92925	44.179	ug/l	98
67) Ethyl Benzene	11.518	91	493974	44.434	ug/l	99
68) m/p-Xylenes	11.627	106	367989	90.398	ug/l	100
69) o-Xylene	11.956	106	171986	45.097	ug/l	100
70) Styrene	11.969	104	285883	44.932	ug/l	99
71) Bromoform	12.133	173	49583	46.365	ug/l #	100
73) Isopropylbenzene	12.255	105	472184	44.387	ug/l	99
74) N-amyl acetate	12.072	43	94045	45.105	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	68567	44.820	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	93046	83.076	ug/l #	100
77) Bromobenzene	12.530	156	98872	44.880	ug/l	96
78) n-propylbenzene	12.597	91	560309	44.486	ug/l	99
79) 2-Chlorotoluene	12.682	91	312175	43.925	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	379149	44.475	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	24947	45.703	ug/l	94
82) 4-Chlorotoluene	12.779	91	321198	44.287	ug/l	99
83) tert-Butylbenzene	12.999	119	347124	45.038	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	371373	44.820	ug/l	99
85) sec-Butylbenzene	13.176	105	497340	45.026	ug/l	99
86) p-Isopropyltoluene	13.292	119	411563	45.089	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	192854	45.392	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	184607	44.384	ug/l	100
89) n-Butylbenzene	13.621	91	383174	45.262	ug/l	98
90) Hexachloroethane	13.883	117	79189	44.517	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	161393	44.794	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10493	45.307	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	95137	46.958	ug/l	99
94) Hexachlorobutadiene	15.029	225	66965	47.247	ug/l	99
95) Naphthalene	15.145	128	153724	46.889	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	75587	46.237	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

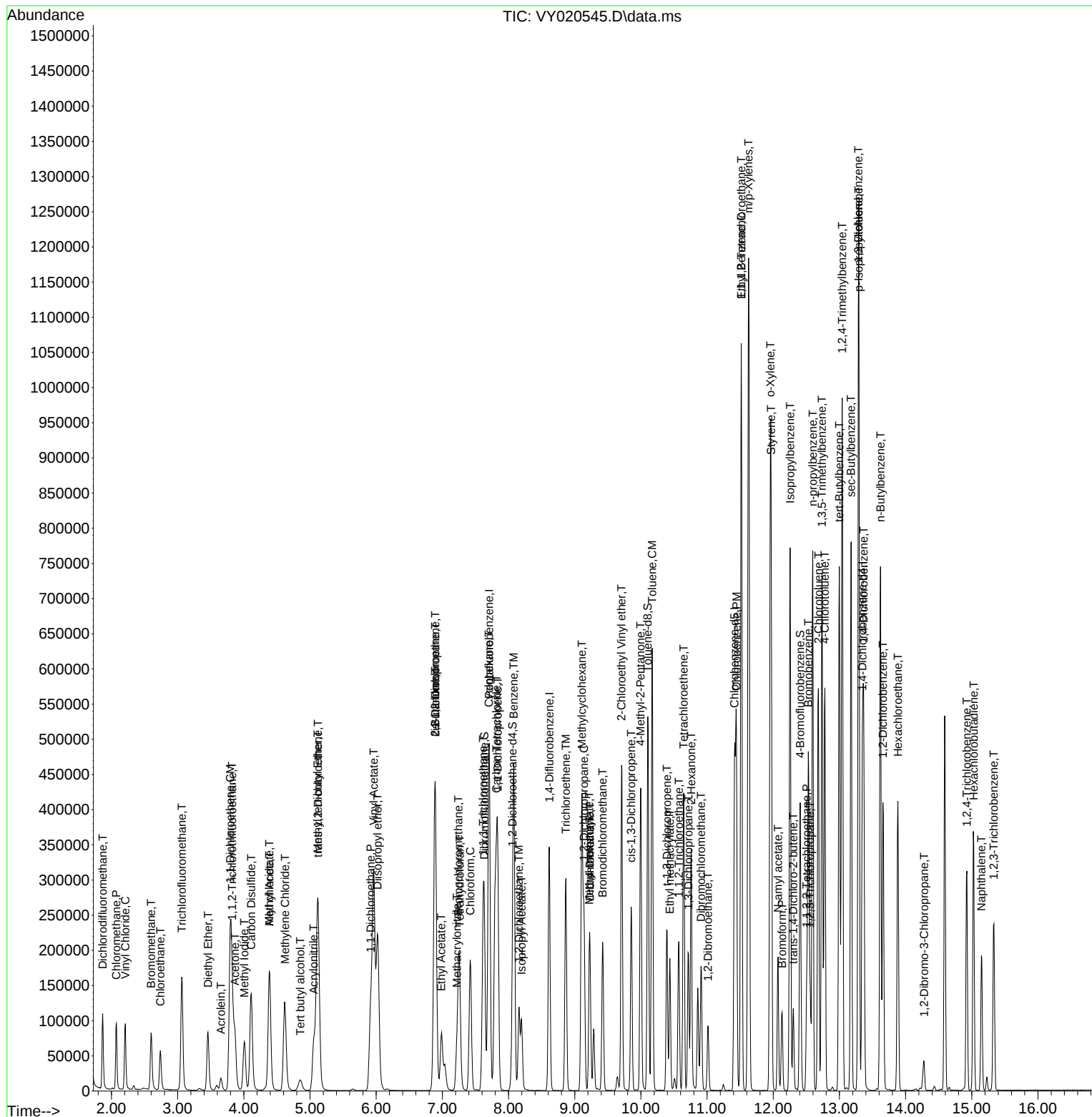
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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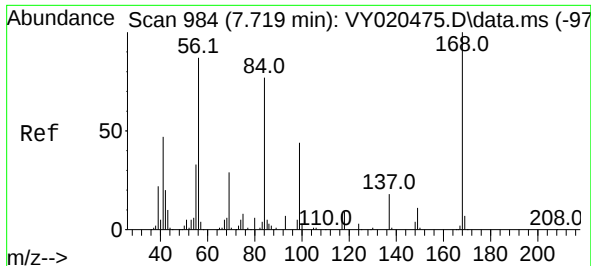
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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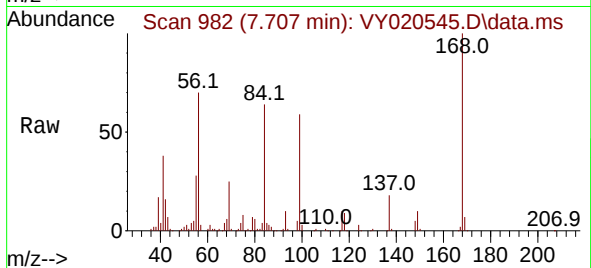
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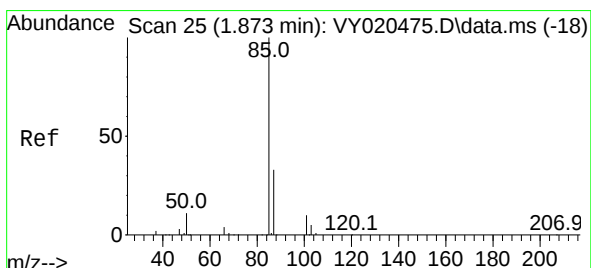
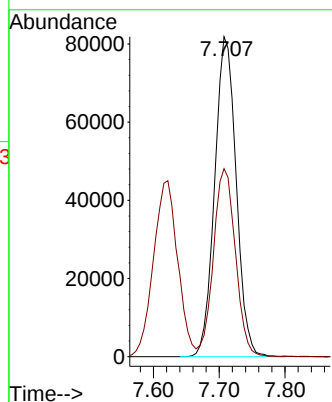
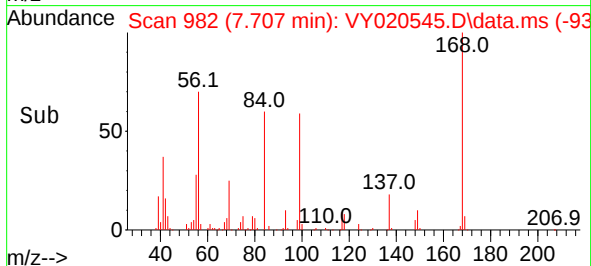


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020545.D
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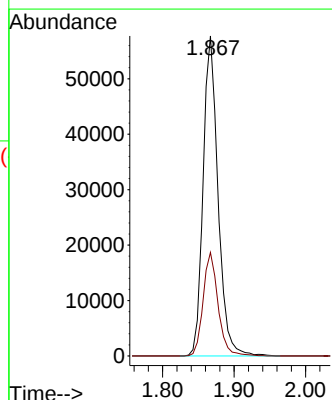
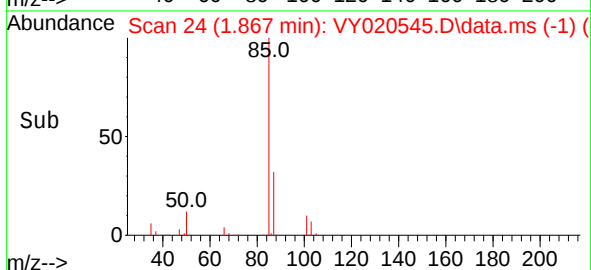
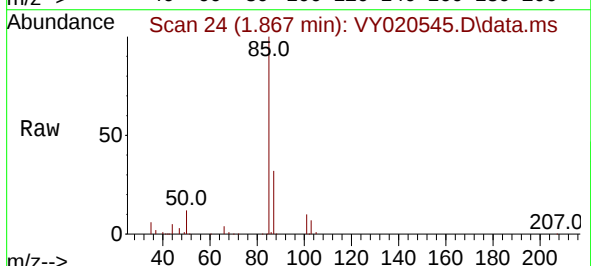


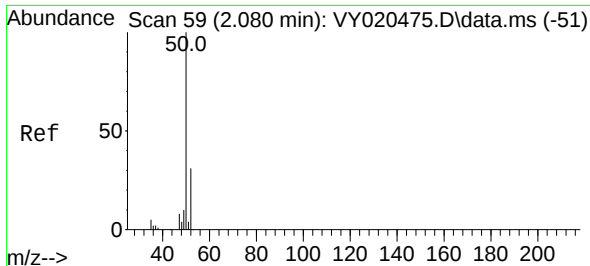
Tgt Ion:168 Resp: 186100
Ion Ratio Lower Upper
168 100
99 58.8 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 46.028 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Tgt Ion: 85 Resp: 83555
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2

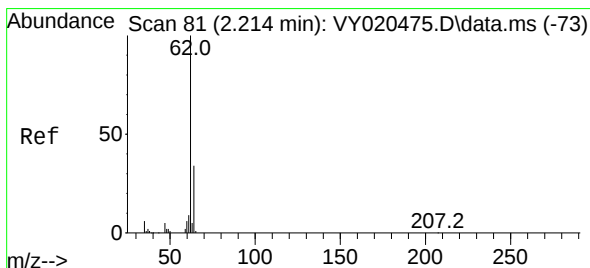
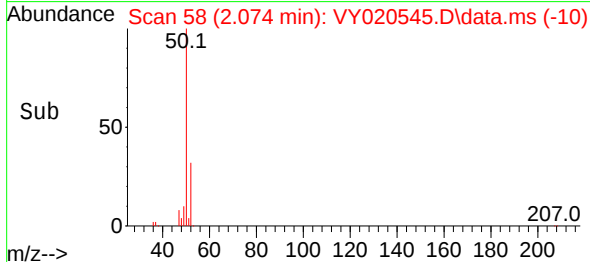
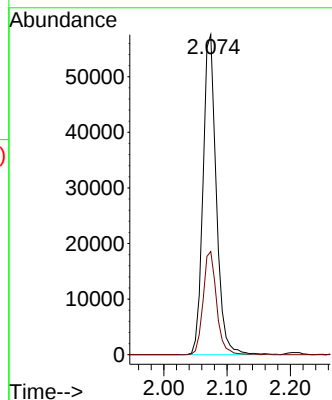
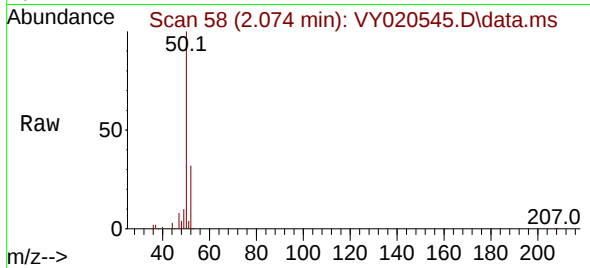




#3
Chloromethane
Concen: 45.868 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

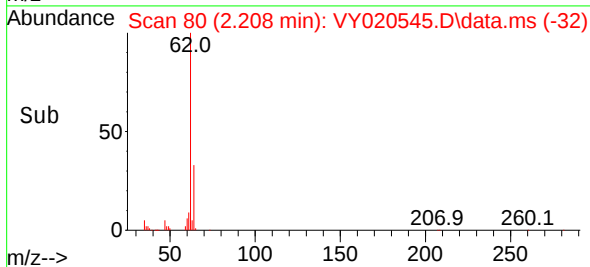
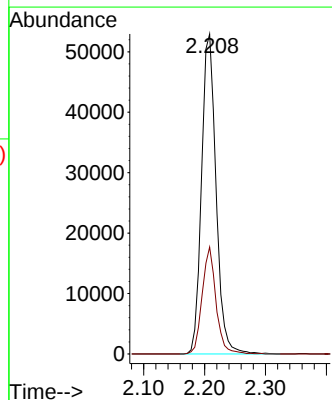
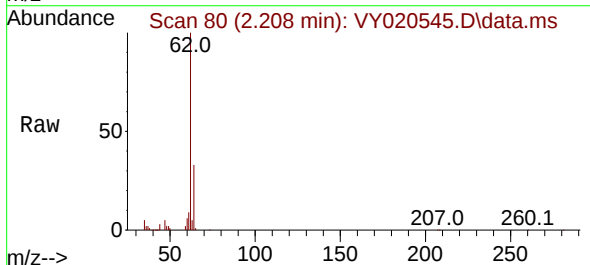
Instrument :
MSVOA_Y
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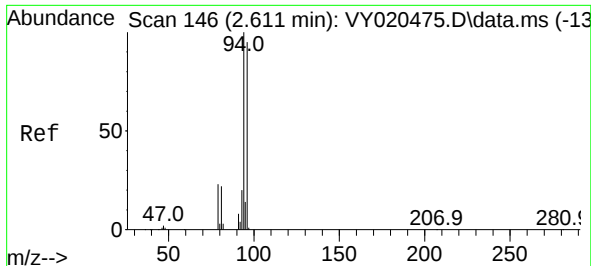
Tgt Ion: 50 Resp: 84305
Ion Ratio Lower Upper
50 100
52 32.3 26.9 40.3



#4
Vinyl Chloride
Concen: 46.785 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Tgt Ion: 62 Resp: 87674
Ion Ratio Lower Upper
62 100
64 33.4 24.7 37.1

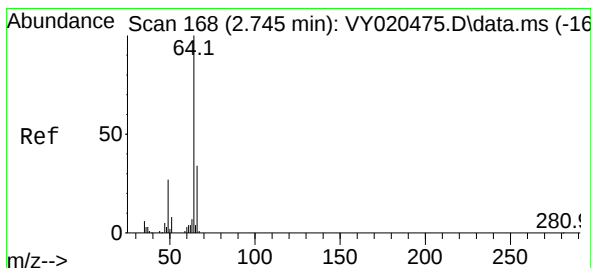
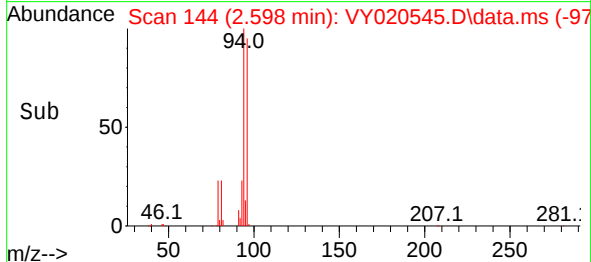
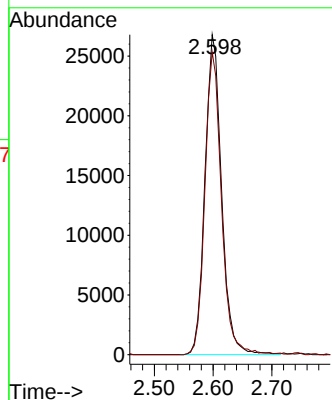
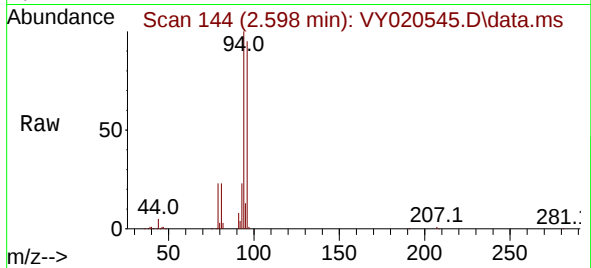




#5
Bromomethane
Concen: 47.997 ug/l
RT: 2.598 min Scan# 146
Delta R.T. -0.012 min
Lab File: VY020545.D
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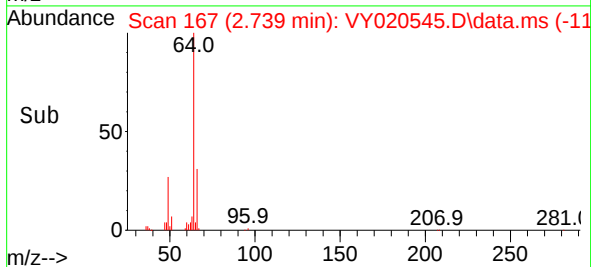
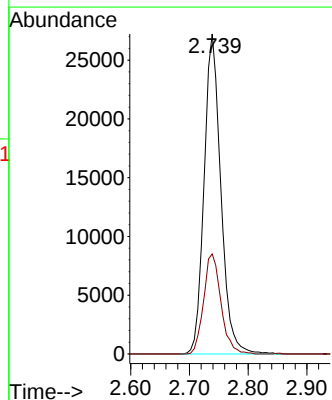
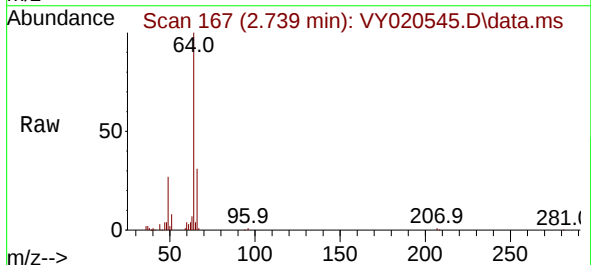
Instrument :
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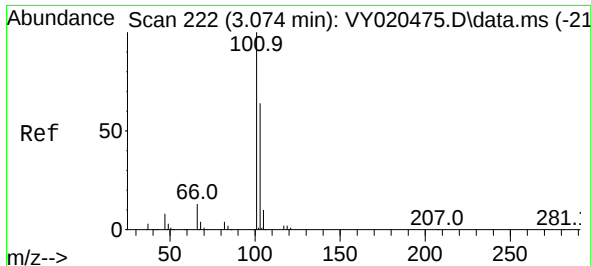
Tgt Ion: 94 Resp: 52775
Ion Ratio Lower Upper
94 100
96 94.5 75.4 113.2



#6
Chloroethane
Concen: 46.939 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.006 min
Lab File: VY020545.D
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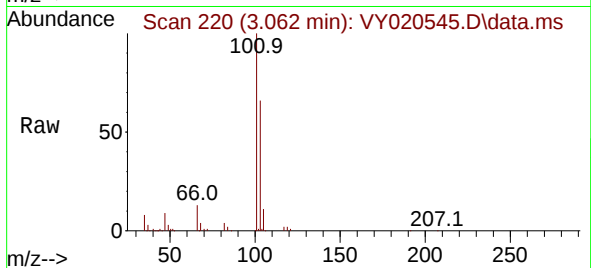
Tgt Ion: 64 Resp: 53913
Ion Ratio Lower Upper
64 100
66 31.3 25.7 38.5



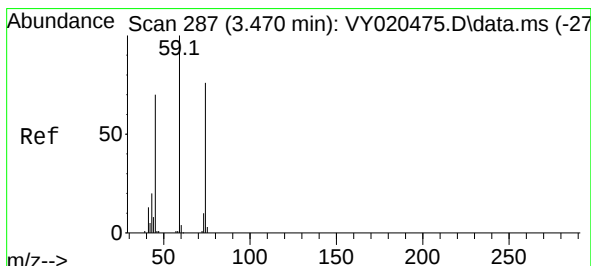
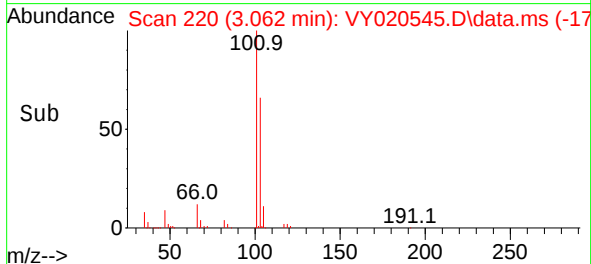
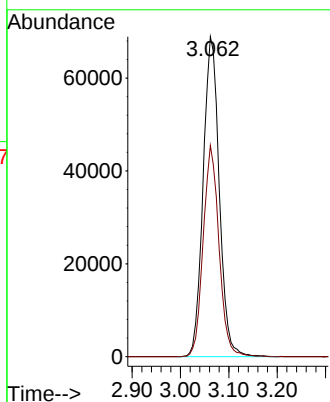


#7
Trichlorofluoromethane
Concen: 45.596 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Instrument :
MSVOA_Y
ClientSampleId :

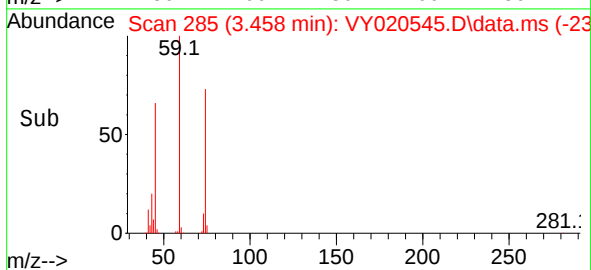
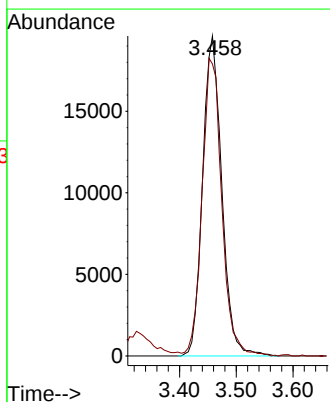
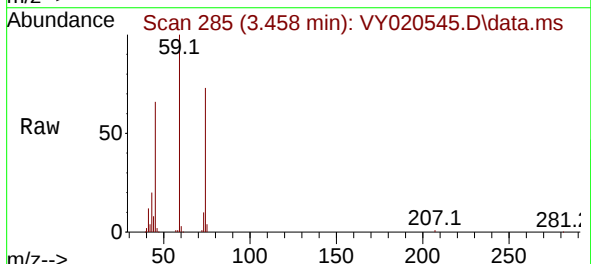


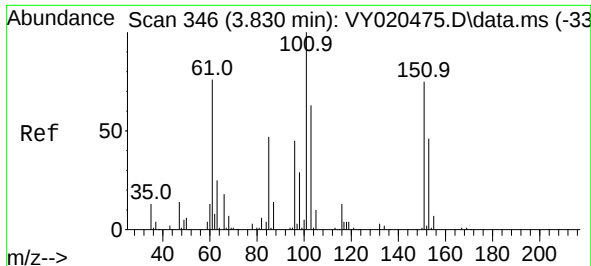
Tgt Ion:101 Resp: 160033
Ion Ratio Lower Upper
101 100
103 66.0 51.5 77.3



#8
Diethyl Ether
Concen: 46.430 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.012 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Tgt Ion: 74 Resp: 46172
Ion Ratio Lower Upper
74 100
45 95.3 53.6 160.8

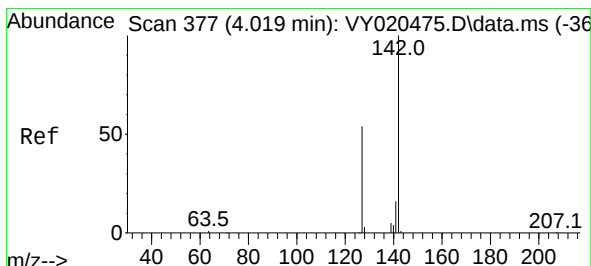
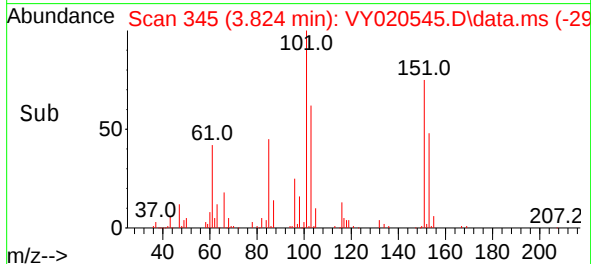
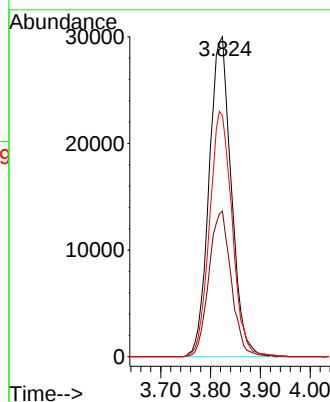
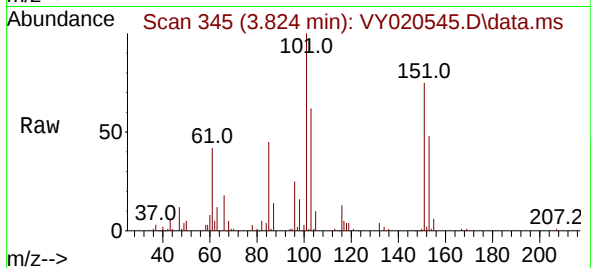




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.385 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

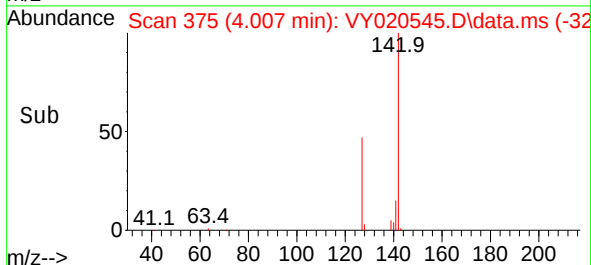
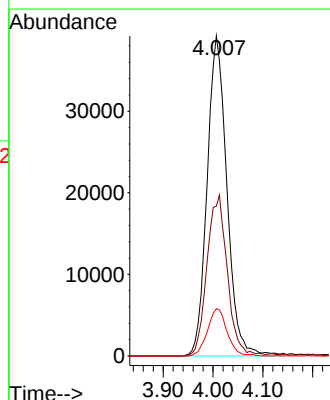
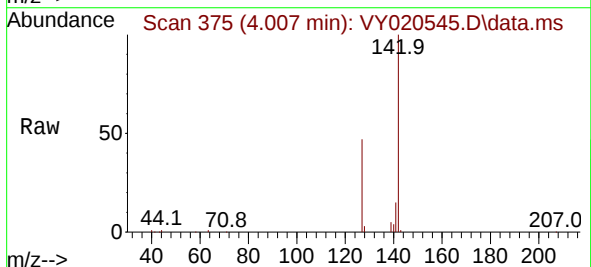
Instrument :
MSVOA_Y
ClientSampleId :

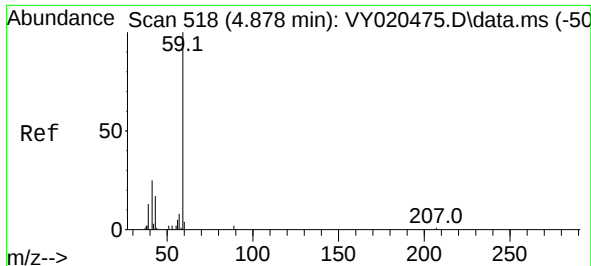
Tgt Ion:101 Resp: 92814
Ion Ratio Lower Upper
101 100
85 45.8 38.0 57.0
151 77.9 59.6 89.4



#10
Methyl Iodide
Concen: 47.158 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.012 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Tgt Ion:142 Resp: 108264
Ion Ratio Lower Upper
142 100
127 51.5 38.9 58.3
141 14.7 11.7 17.5





#11

Tert butyl alcohol

Concen: 249.691 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

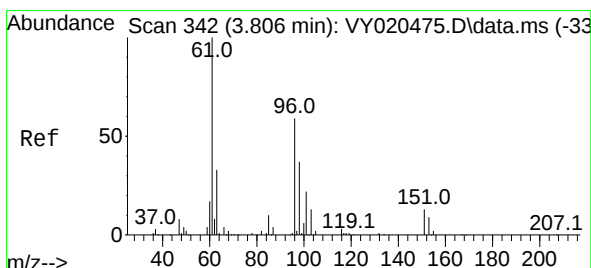
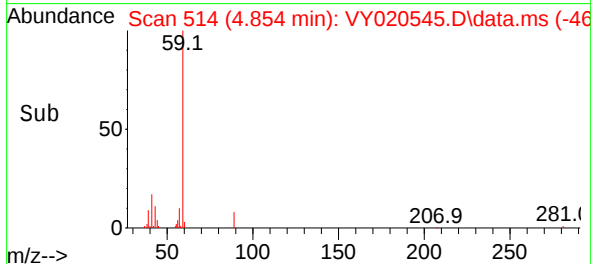
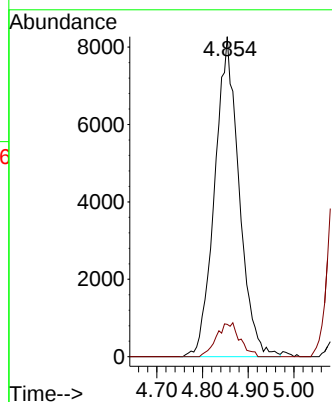
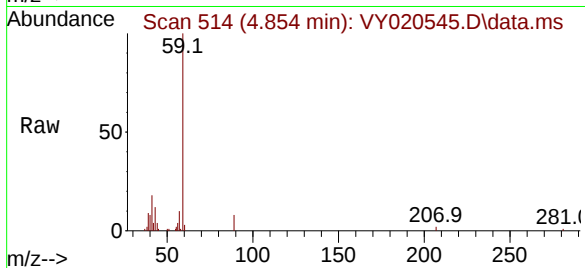
ClientSampleId :

Tgt Ion: 59 Resp: 30656

Ion Ratio Lower Upper

59 100

57 10.1 8.2 12.2



#12

1,1-Dichloroethene

Concen: 46.949 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.012 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

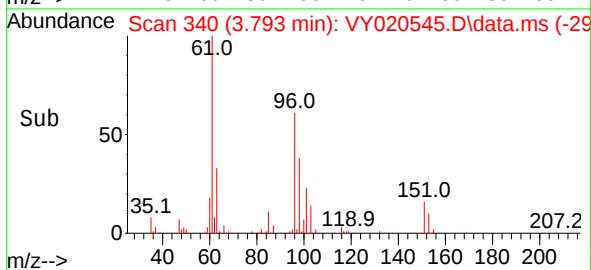
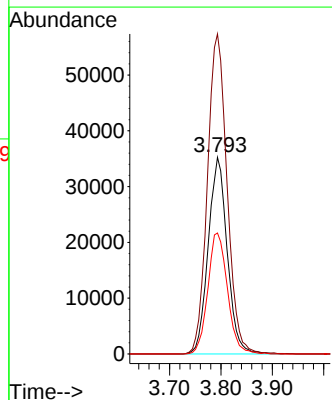
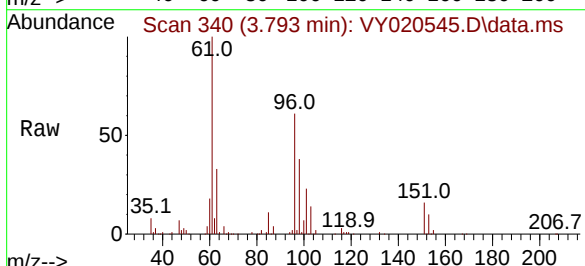
Tgt Ion: 96 Resp: 90698

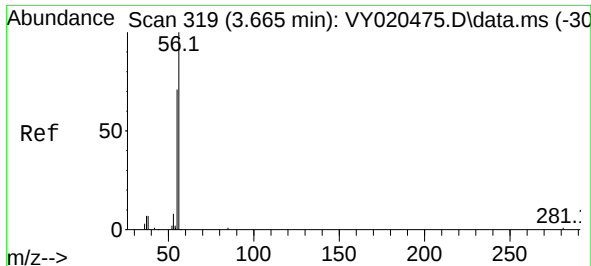
Ion Ratio Lower Upper

96 100

61 162.7 143.3 214.9

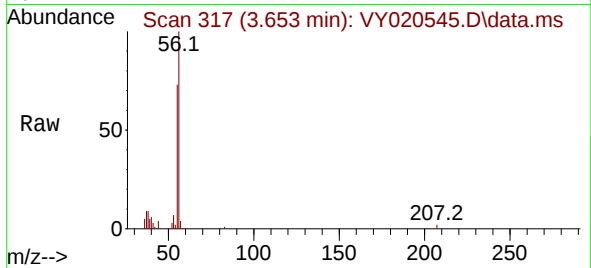
98 61.5 49.8 74.8



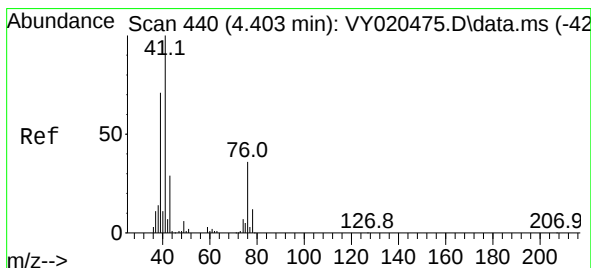
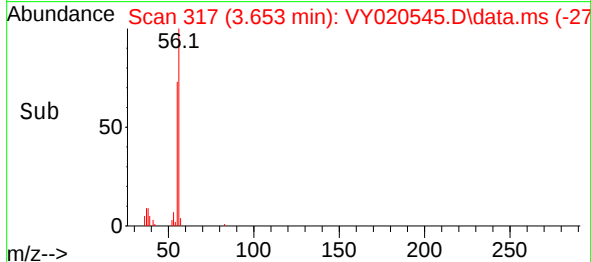
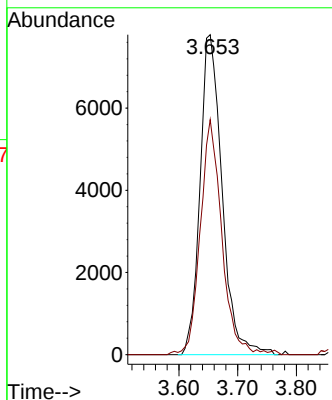


#13
Acrolein
Concen: 176.727 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Instrument :
MSVOA_Y
ClientSampleId :

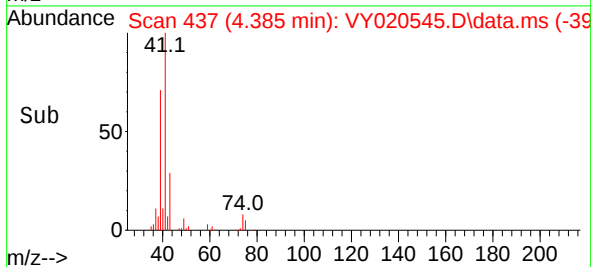
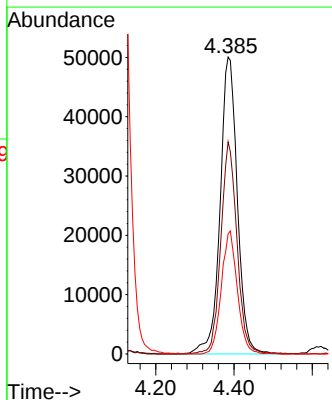
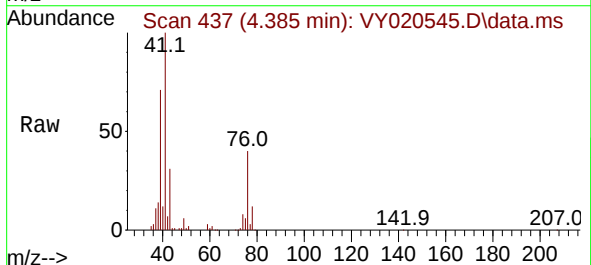


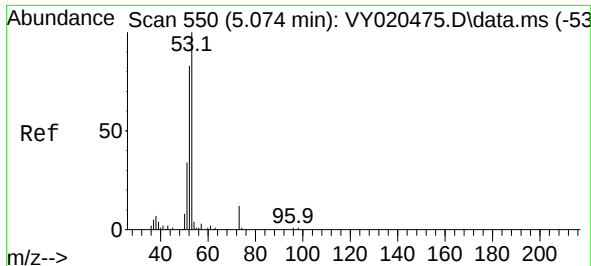
Tgt Ion: 56 Resp: 20315
Ion Ratio Lower Upper
56 100
55 71.6 57.7 86.5



#14
Allyl chloride
Concen: 44.593 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.018 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Tgt Ion: 41 Resp: 153646
Ion Ratio Lower Upper
41 100
39 67.1 58.8 88.2
76 38.3 29.7 44.5





#15

Acrylonitrile

Concen: 231.999 ug/l

RT: 5.055 min Scan# 54

Delta R.T. -0.018 min

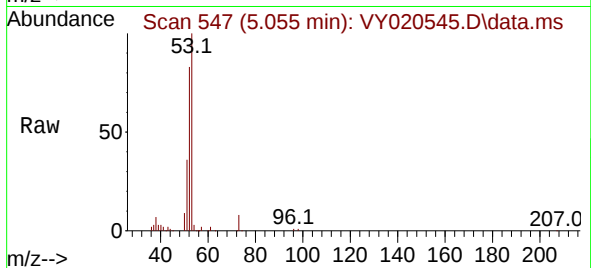
Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :



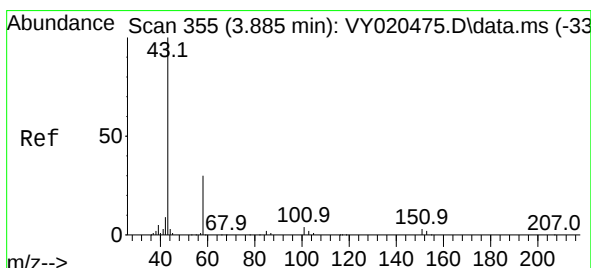
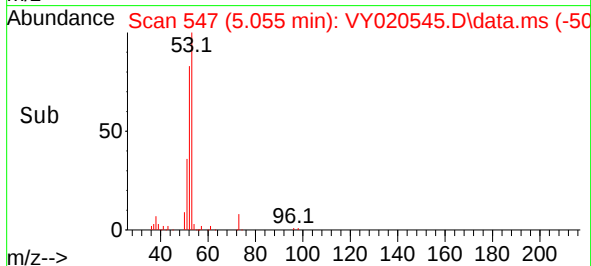
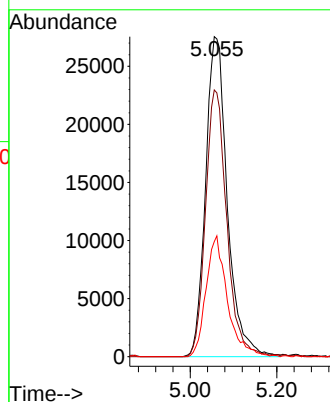
Tgt Ion: 53 Resp: 96128

Ion Ratio Lower Upper

53 100

52 81.3 65.2 97.8

51 37.2 30.2 45.4



#16

Acetone

Concen: 263.098 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.018 min

Lab File: VY020545.D

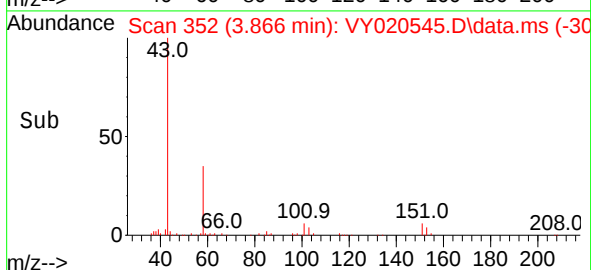
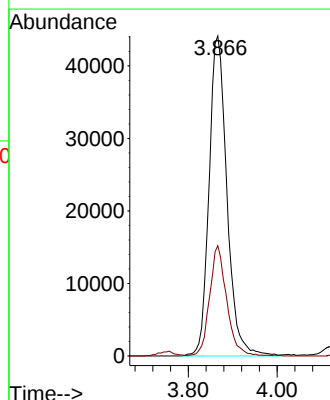
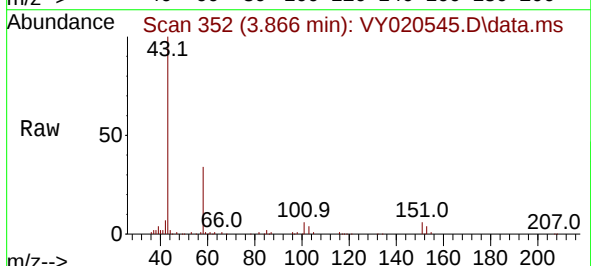
Acq: 09 Dec 2024 10:20

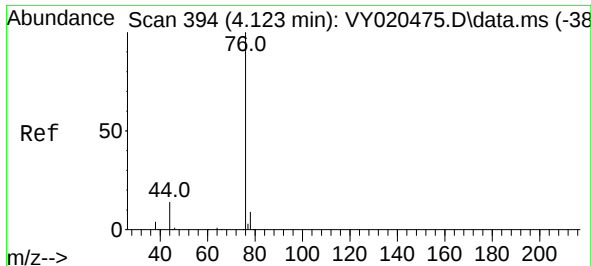
Tgt Ion: 43 Resp: 123816

Ion Ratio Lower Upper

43 100

58 34.3 25.7 38.5





#17

Carbon Disulfide

Concen: 48.292 ug/l

RT: 4.110 min Scan# 394

Delta R.T. -0.012 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

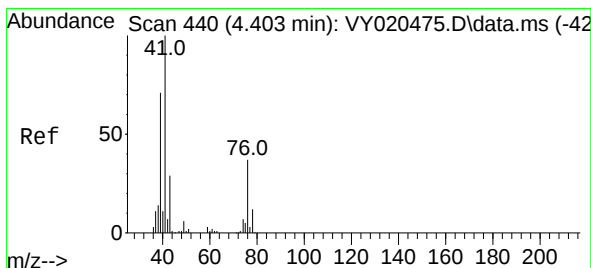
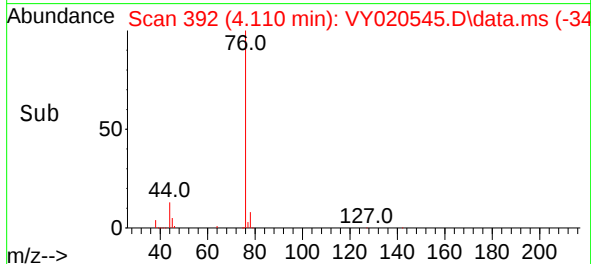
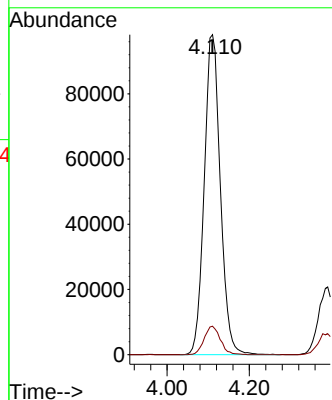
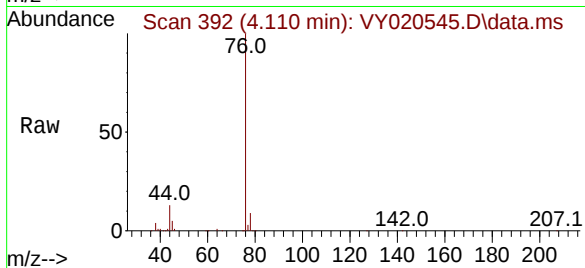
ClientSampleId :

Tgt Ion: 76 Resp: 267014

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



#18

Methyl Acetate

Concen: 46.698 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.018 min

Lab File: VY020545.D

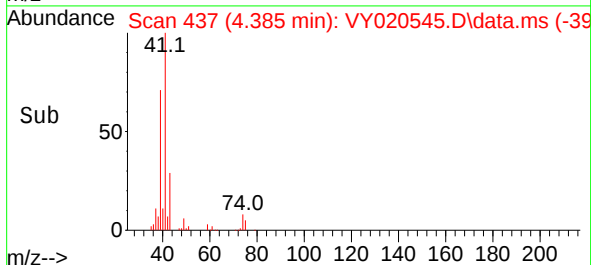
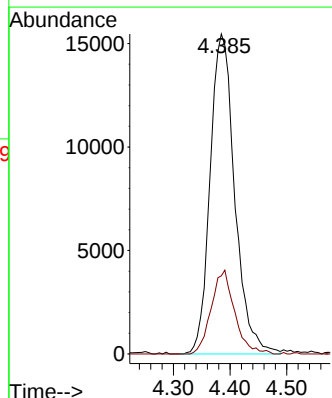
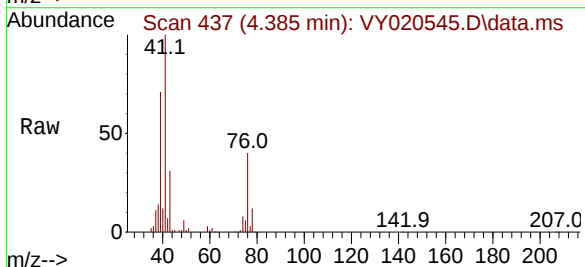
Acq: 09 Dec 2024 10:20

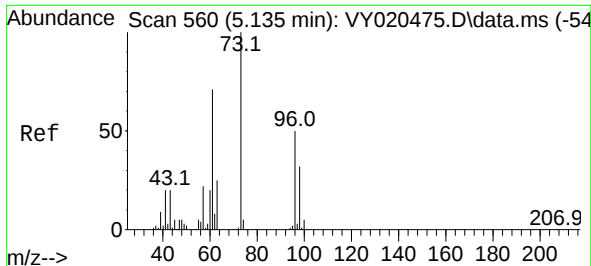
Tgt Ion: 43 Resp: 46709

Ion Ratio Lower Upper

43 100

74 24.9 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 45.694 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

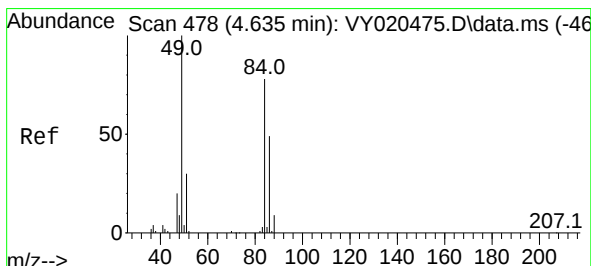
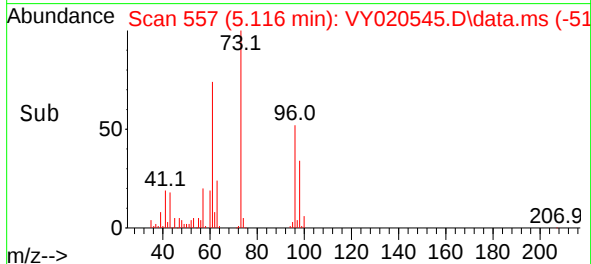
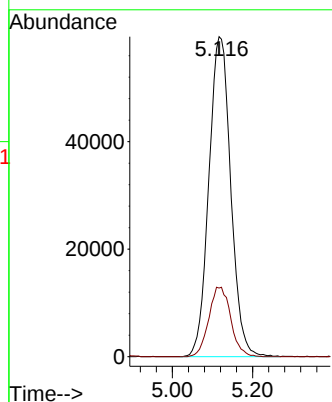
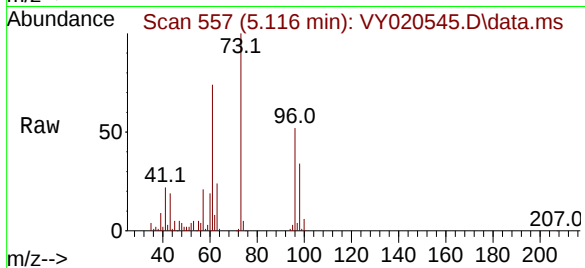
ClientSampleId :

Tgt Ion: 73 Resp: 225436

Ion Ratio Lower Upper

73 100

57 21.5 18.0 27.0



#20

Methylene Chloride

Concen: 46.351 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.012 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Tgt Ion: 84 Resp: 92792

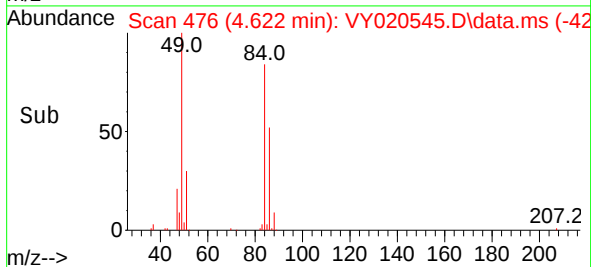
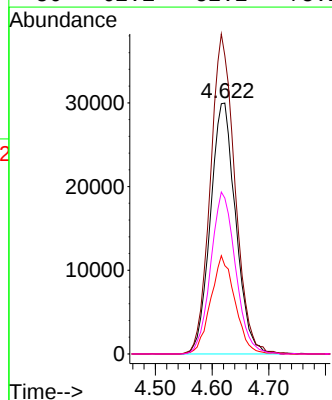
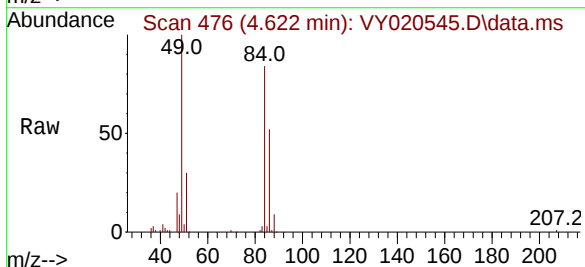
Ion Ratio Lower Upper

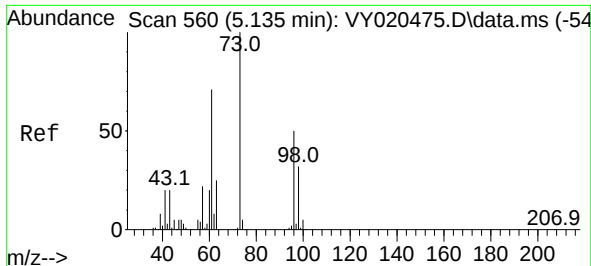
84 100

49 118.8 104.7 157.1

51 35.2 33.4 50.0

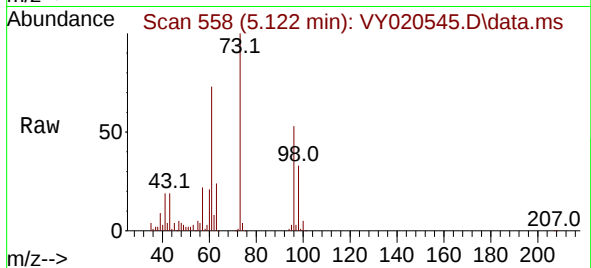
86 62.1 52.2 78.2



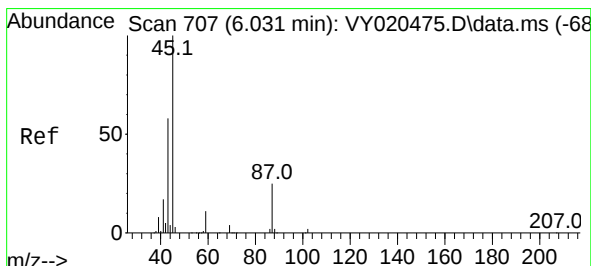
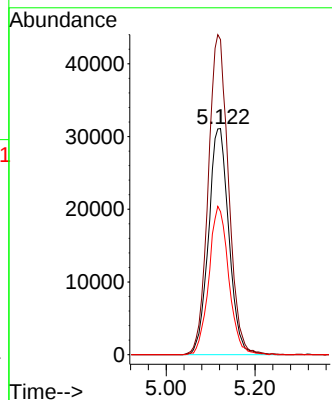
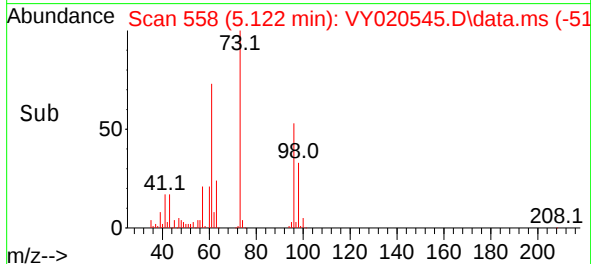


#21
trans-1,2-Dichloroethene
Concen: 46.080 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Instrument :
MSVOA_Y
ClientSampleId :

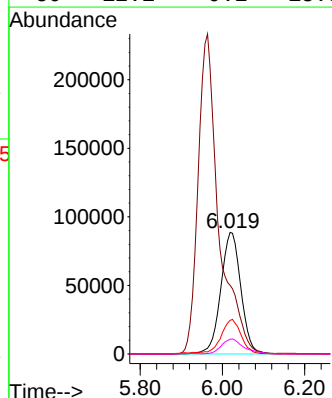
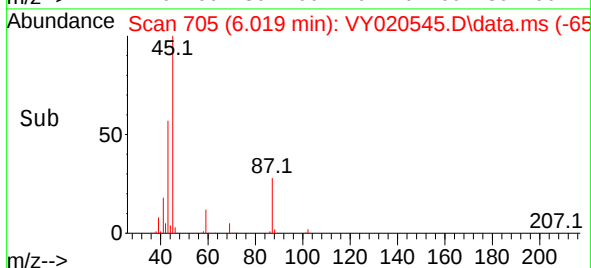
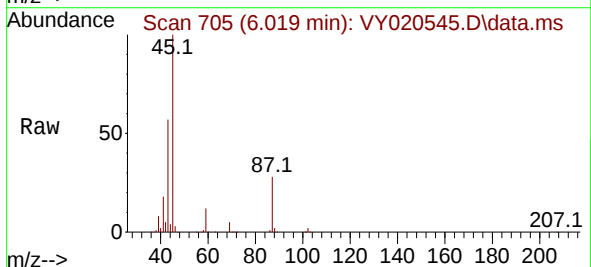


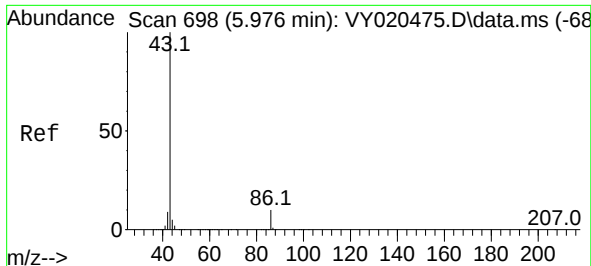
Tgt Ion: 96 Resp: 98876
Ion Ratio Lower Upper
96 100
61 139.3 111.6 167.4
98 63.3 46.7 70.1



#22
Diisopropyl ether
Concen: 43.928 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.012 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Tgt Ion: 45 Resp: 300976
Ion Ratio Lower Upper
45 100
43 56.1 44.8 67.2
87 27.7 20.6 30.8
59 12.1 9.2 13.8

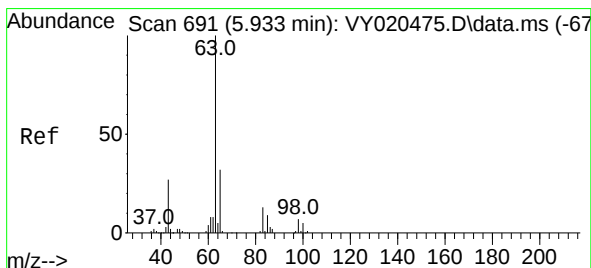
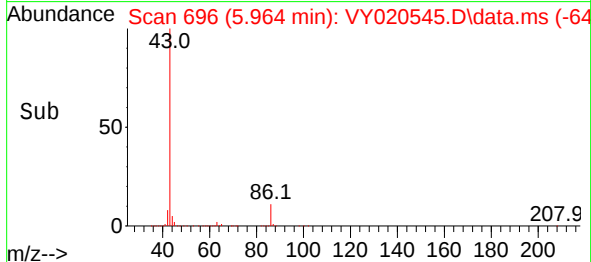
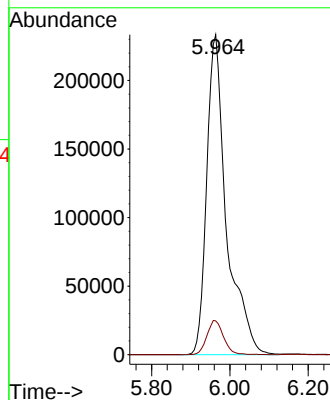
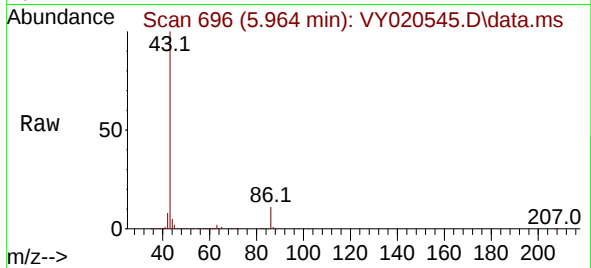




#23
 Vinyl Acetate
 Concen: 225.343 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.012 min
 Lab File: VY020545.D
 Acq: 09 Dec 2024 10:20

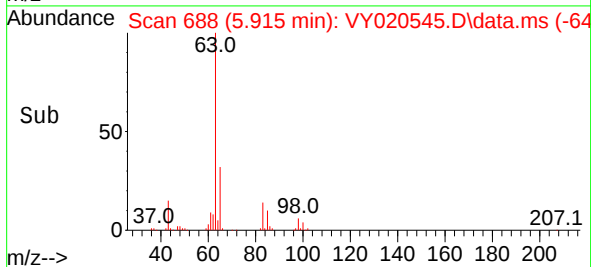
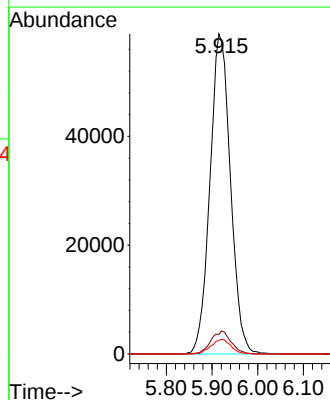
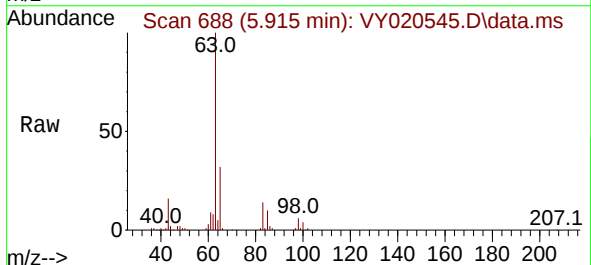
Instrument :
 MSVOA_Y
 ClientSampleId :

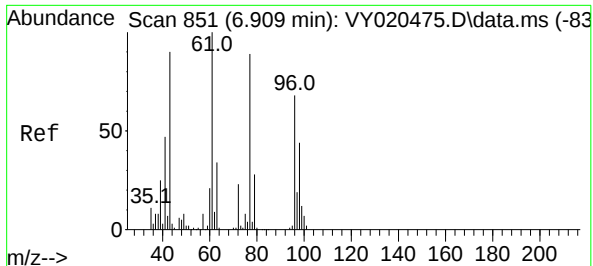
Tgt Ion: 43 Resp: 816637
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 44.465 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.018 min
 Lab File: VY020545.D
 Acq: 09 Dec 2024 10:20

Tgt Ion: 63 Resp: 183414
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.1
 100 4.3 2.0 5.8





#25

2-Butanone

Concen: 244.500 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.018 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

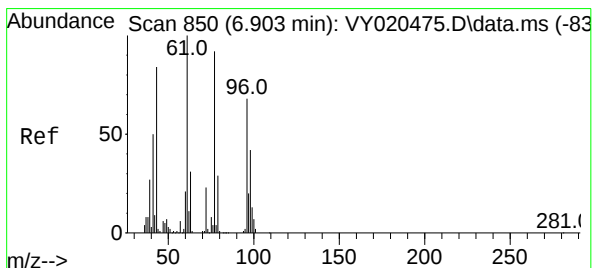
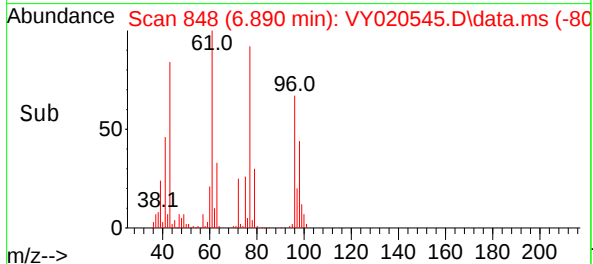
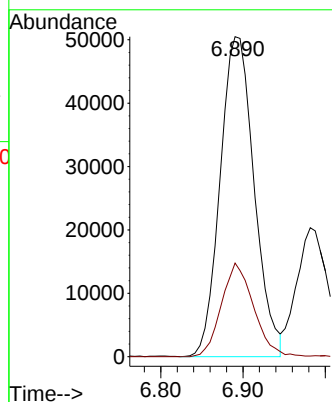
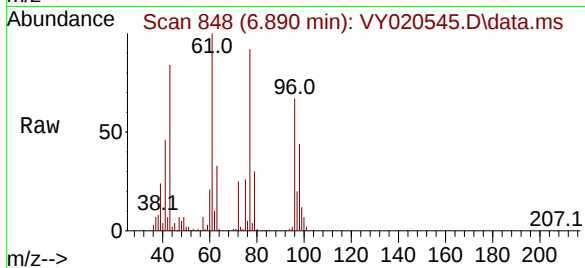
ClientSampleId :

Tgt Ion: 43 Resp: 145296

Ion Ratio Lower Upper

43 100

72 29.3 20.4 30.6



#26

2,2-Dichloropropane

Concen: 44.355 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY020545.D

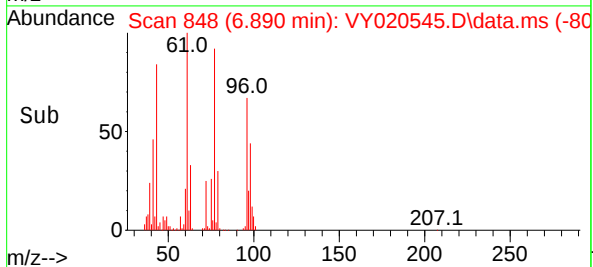
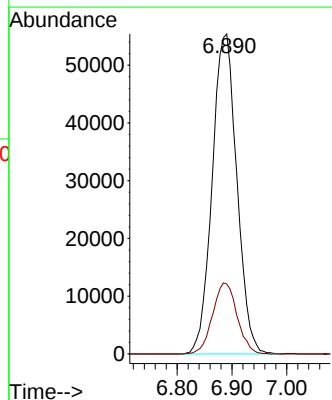
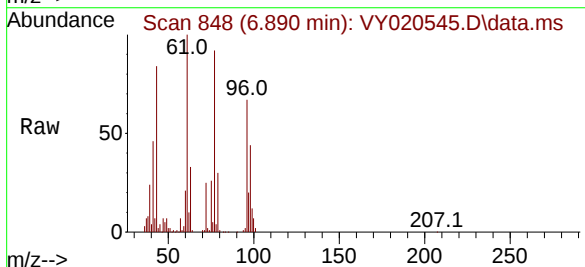
Acq: 09 Dec 2024 10:20

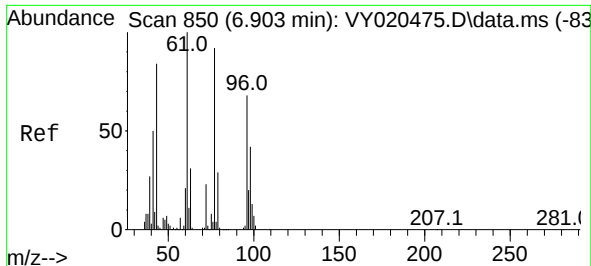
Tgt Ion: 77 Resp: 173048

Ion Ratio Lower Upper

77 100

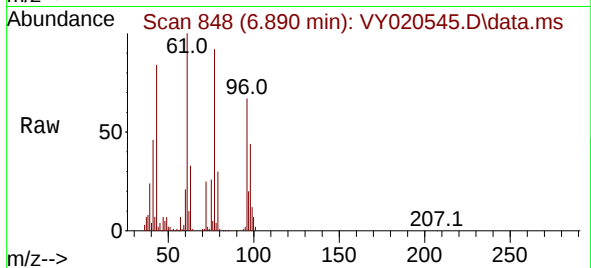
97 22.1 10.9 32.7



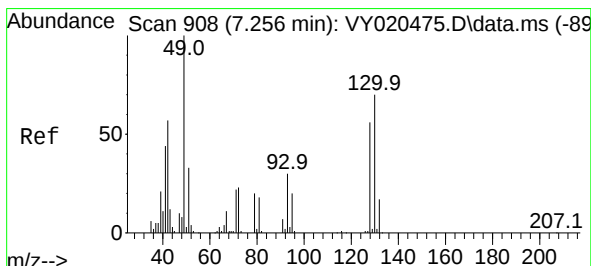
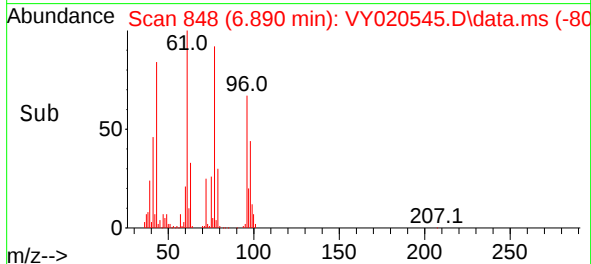
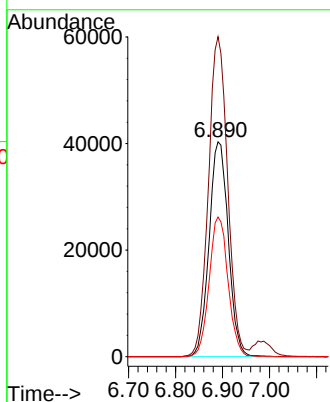


#27
 cis-1,2-Dichloroethene
 Concen: 45.650 ug/l
 RT: 6.890 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: VY020545.D
 Acq: 09 Dec 2024 10:20

Instrument :
 MSVOA_Y
 ClientSampleId :

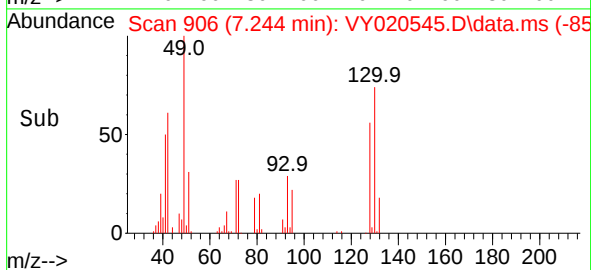
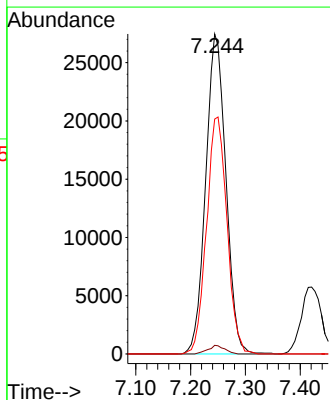
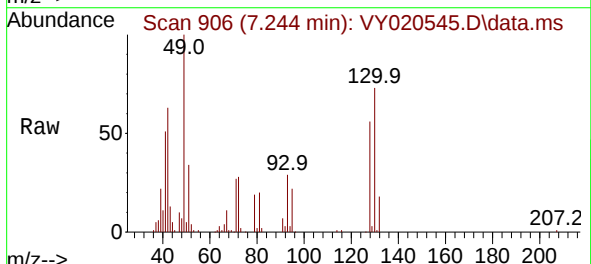


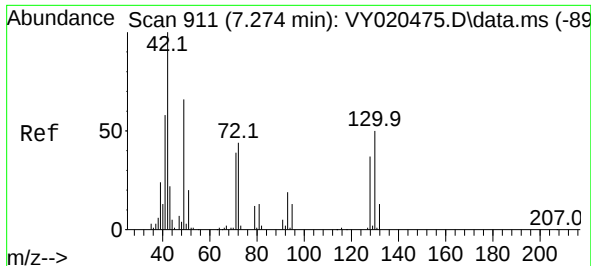
Tgt Ion: 96 Resp: 114376
 Ion Ratio Lower Upper
 96 100
 61 149.5 0.0 312.4
 98 64.0 0.0 126.8



#28
 Bromochloromethane
 Concen: 45.528 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.012 min
 Lab File: VY020545.D
 Acq: 09 Dec 2024 10:20

Tgt Ion: 49 Resp: 70130
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 75.0 55.0 82.6





#29

Tetrahydrofuran

Concen: 226.459 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.012 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

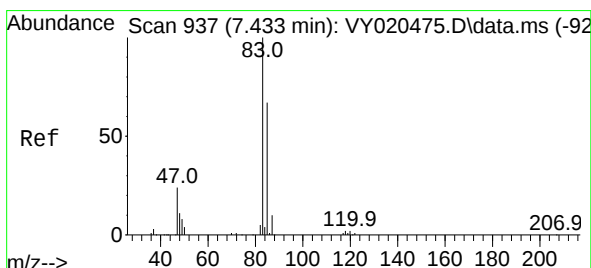
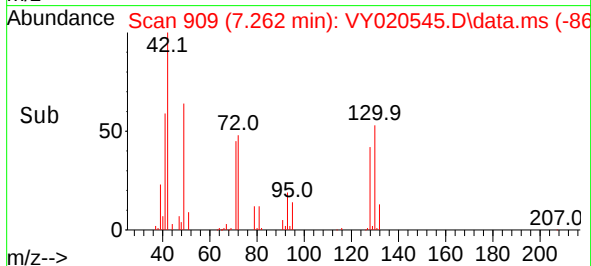
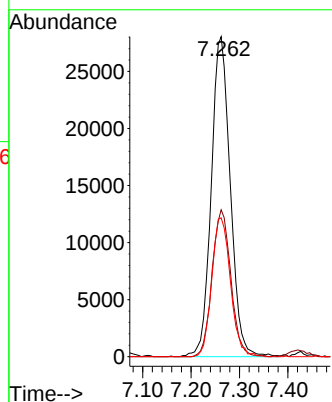
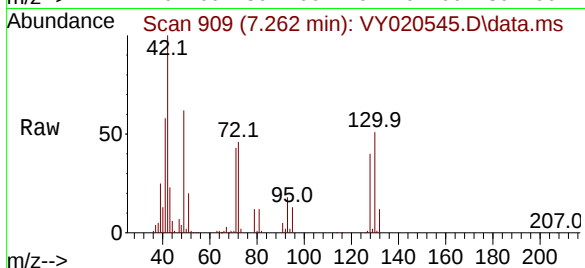
Tgt Ion: 42 Resp: 76773

Ion Ratio Lower Upper

42 100

72 45.1 33.4 50.0

71 42.7 31.9 47.9



#30

Chloroform

Concen: 44.021 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.012 min

Lab File: VY020545.D

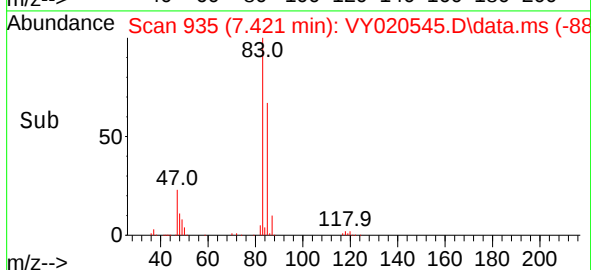
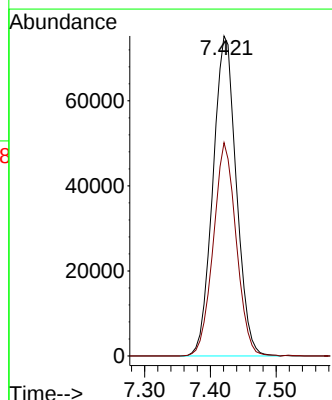
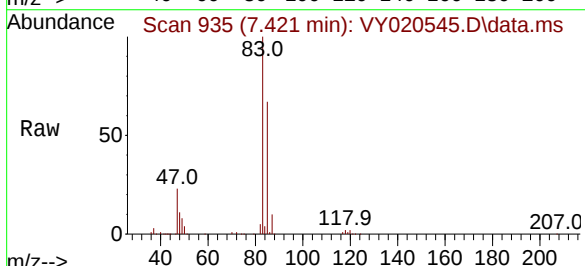
Acq: 09 Dec 2024 10:20

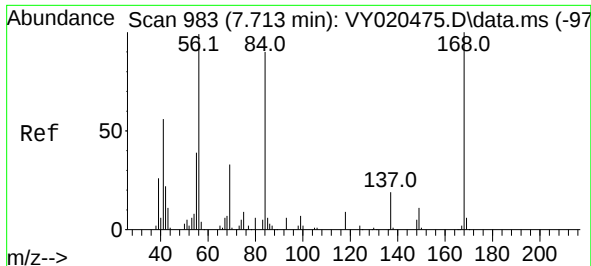
Tgt Ion: 83 Resp: 186361

Ion Ratio Lower Upper

83 100

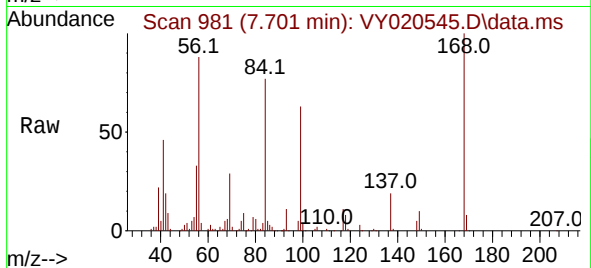
85 66.7 50.3 75.5



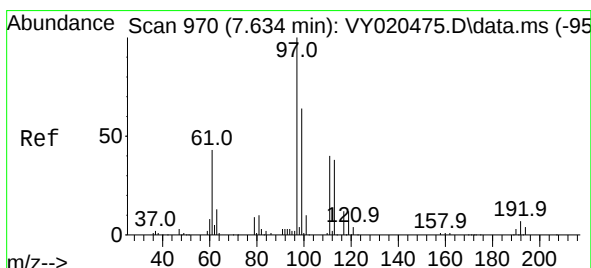
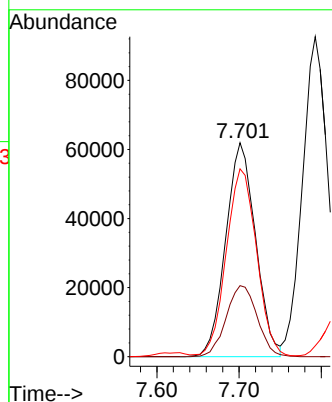
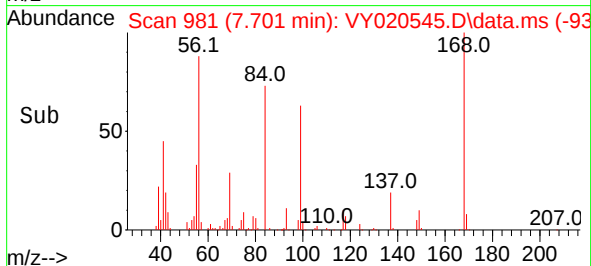


#31
Cyclohexane
Concen: 41.937 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.012 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Instrument :
MSVOA_Y
ClientSampleId :

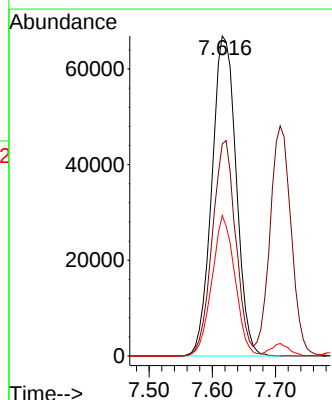
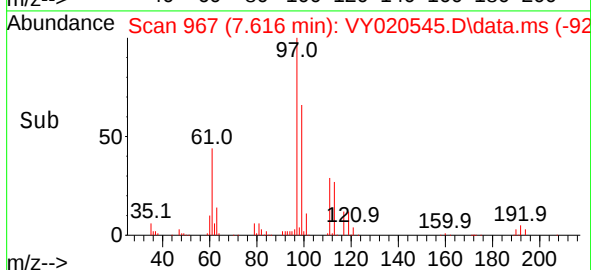
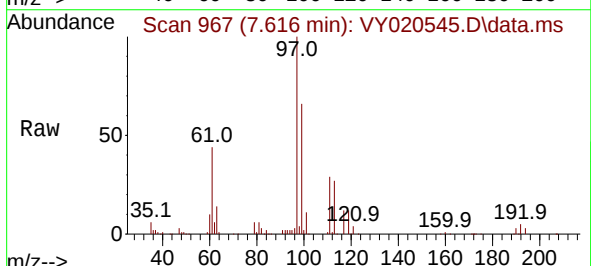


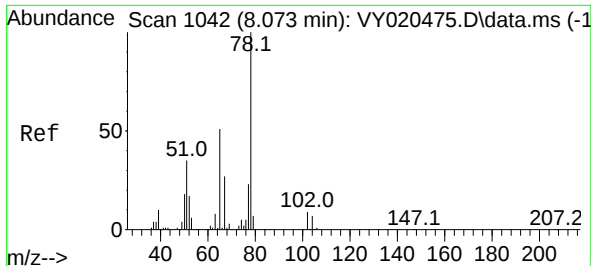
Tgt Ion: 56 Resp: 156387
Ion Ratio Lower Upper
56 100
69 33.2 25.3 37.9
84 85.9 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 43.801 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.018 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Tgt Ion: 97 Resp: 178549
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 41.6 37.1 55.7

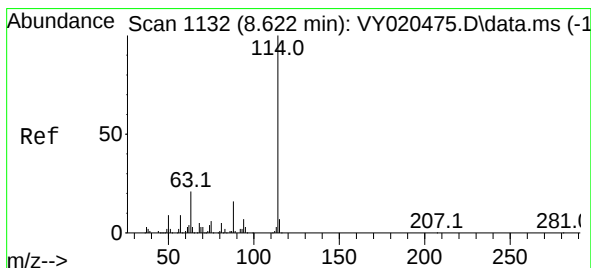
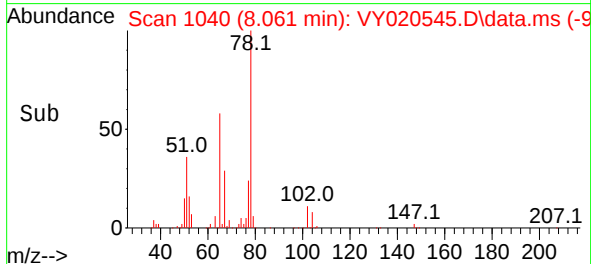
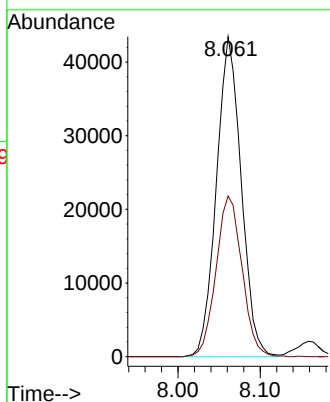
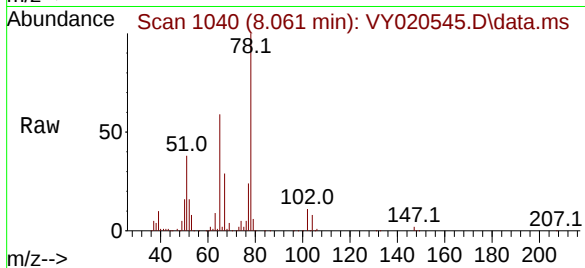




#33
1,2-Dichloroethane-d4
Concen: 48.063 ug/l
RT: 8.061 min Scan# 110
Delta R.T. -0.012 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

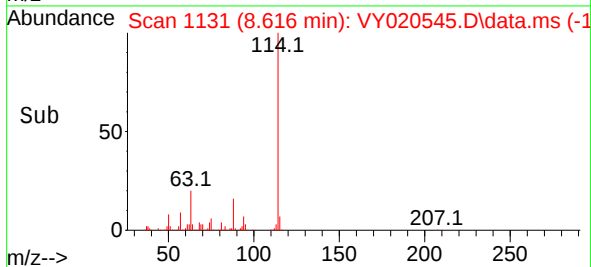
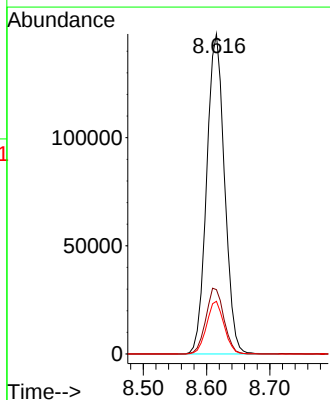
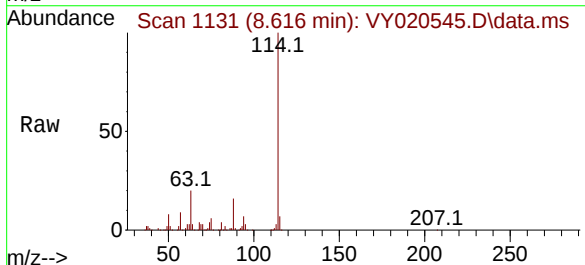
Instrument :
MSVOA_Y
ClientSampleId :

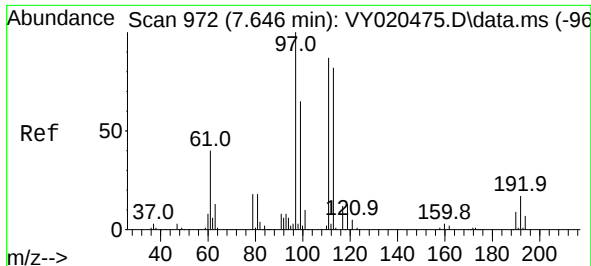
Tgt Ion: 65 Resp: 90968
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

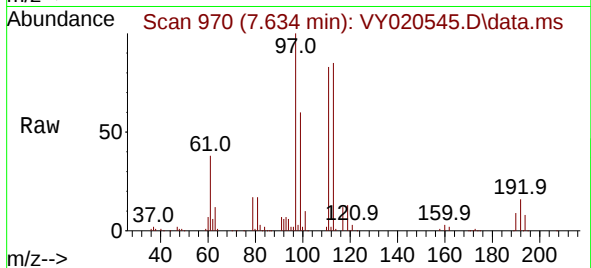
Tgt Ion:114 Resp: 289936
Ion Ratio Lower Upper
114 100
63 20.1 0.0 44.8
88 16.5 0.0 32.0



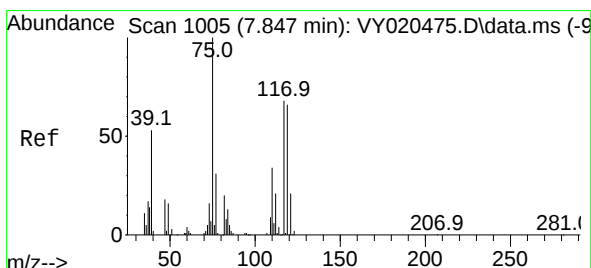
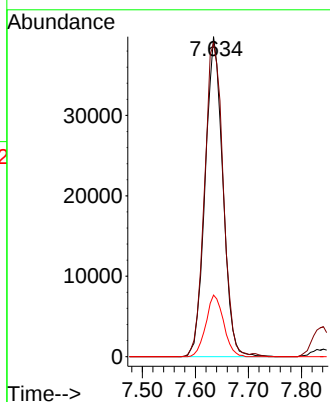
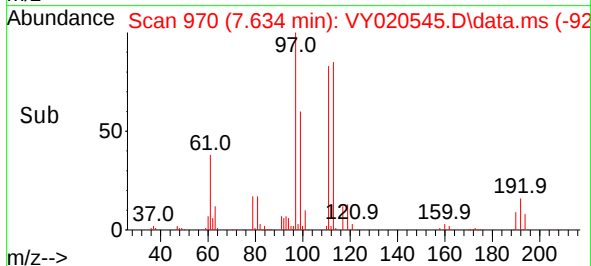


#35
Dibromofluoromethane
Concen: 50.418 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

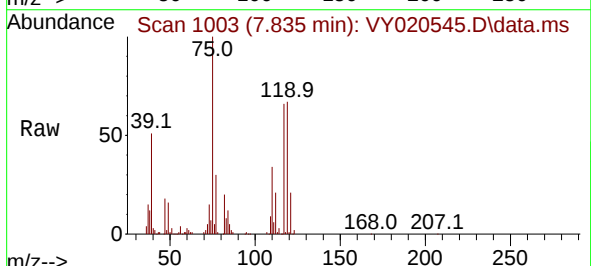
Instrument :
MSVOA_Y
ClientSampleId :



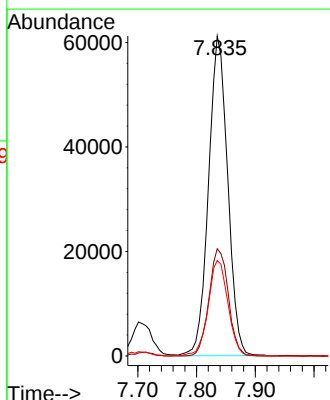
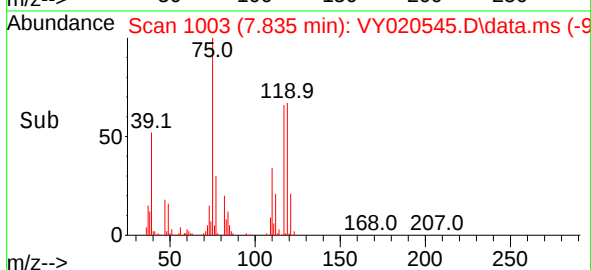
Tgt Ion:113 Resp: 92027
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 19.4 15.1 22.7

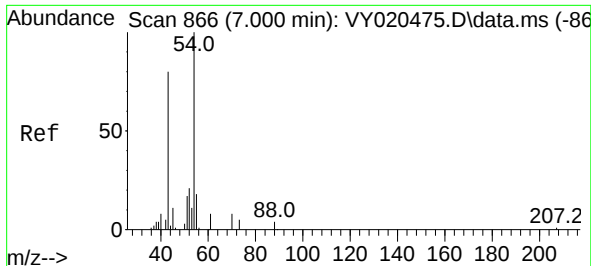


#36
1,1-Dichloropropene
Concen: 44.938 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.012 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20



Tgt Ion: 75 Resp: 138515
Ion Ratio Lower Upper
75 100
110 33.8 16.7 50.0
77 30.9 24.6 36.8





#37

Ethyl Acetate

Concen: 45.461 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.018 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

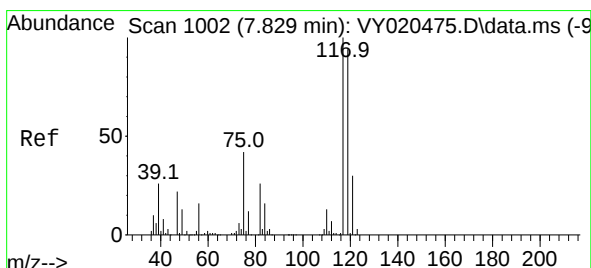
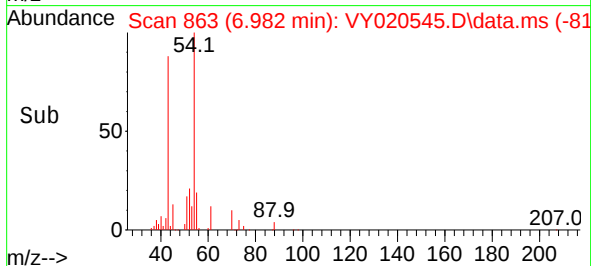
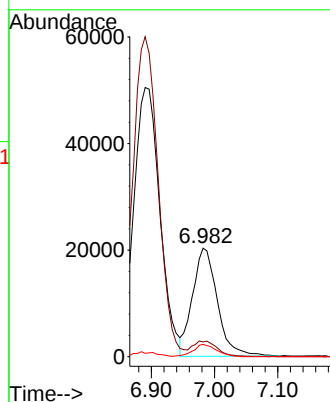
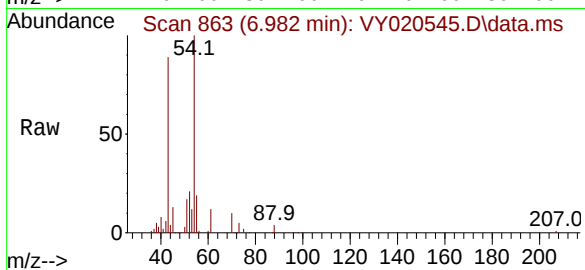
Tgt Ion: 43 Resp: 55515

Ion Ratio Lower Upper

43 100

61 14.3 10.7 16.1

70 10.7 7.3 10.9



#38

Carbon Tetrachloride

Concen: 44.832 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.012 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

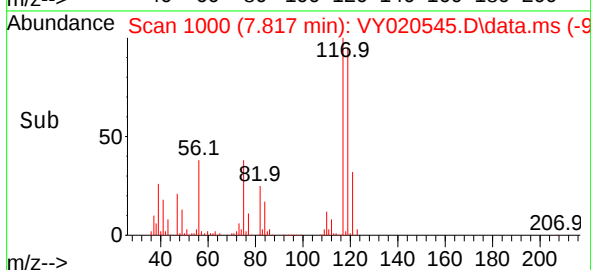
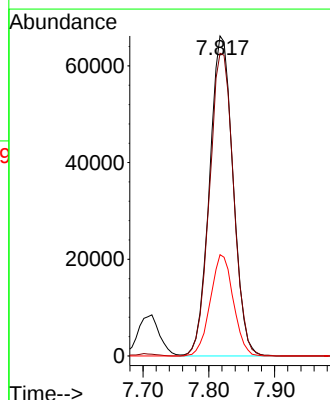
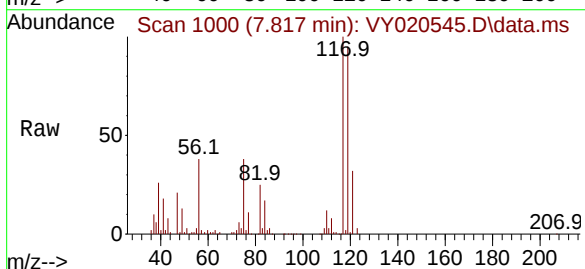
Tgt Ion:117 Resp: 164929

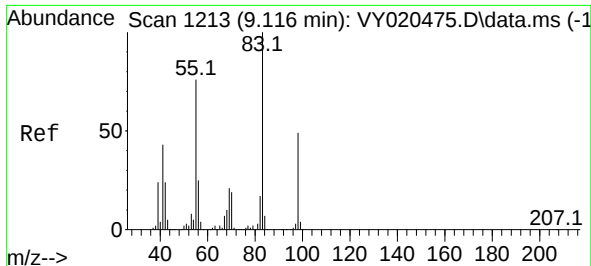
Ion Ratio Lower Upper

117 100

119 94.6 77.8 116.6

121 31.7 24.6 37.0





#39

Methylcyclohexane

Concen: 44.903 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

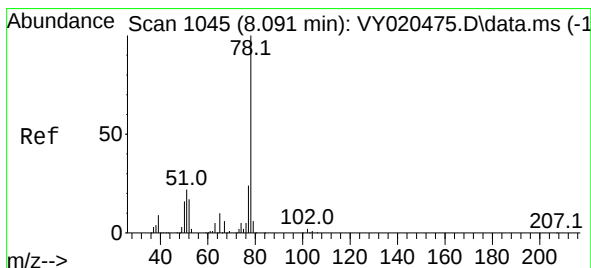
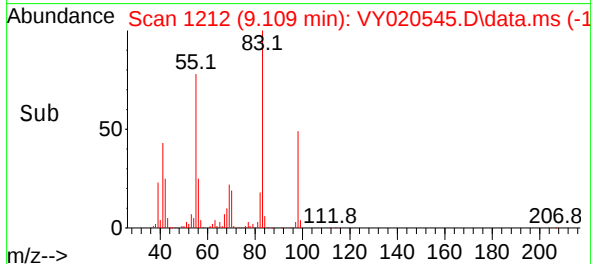
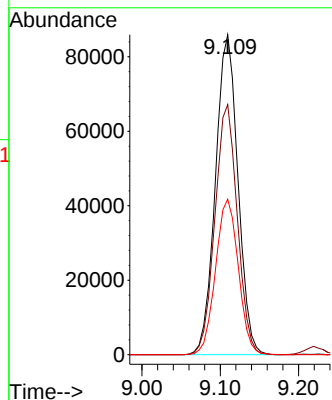
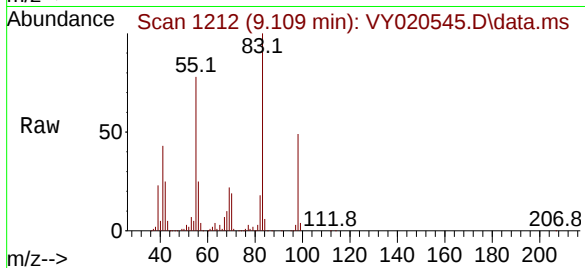
Tgt Ion: 83 Resp: 171748

Ion Ratio Lower Upper

83 100

55 78.1 62.6 93.8

98 48.6 37.0 55.4



#40

Benzene

Concen: 44.648 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.012 min

Lab File: VY020545.D

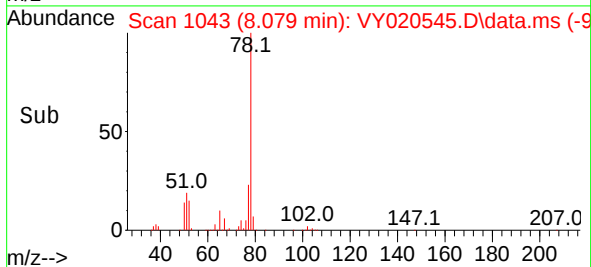
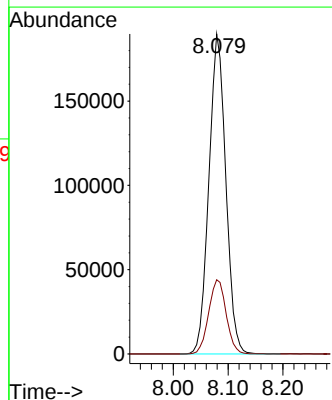
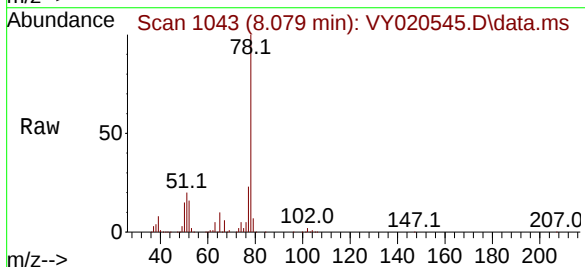
Acq: 09 Dec 2024 10:20

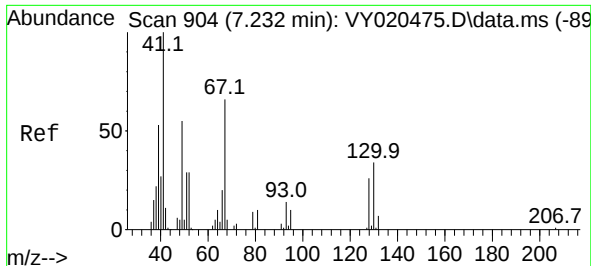
Tgt Ion: 78 Resp: 405768

Ion Ratio Lower Upper

78 100

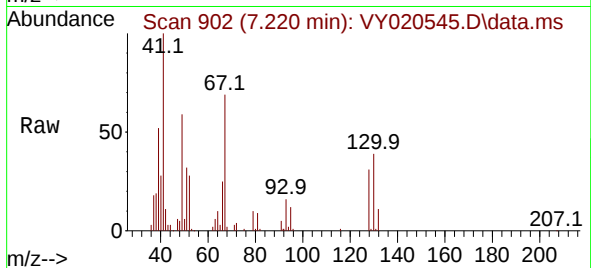
77 23.2 19.4 29.0



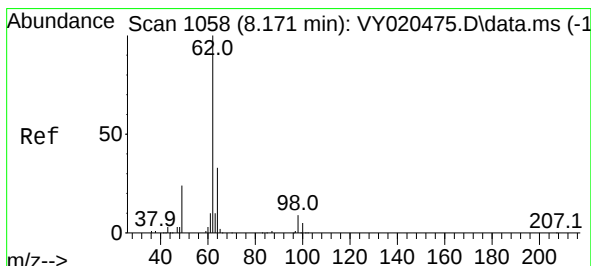
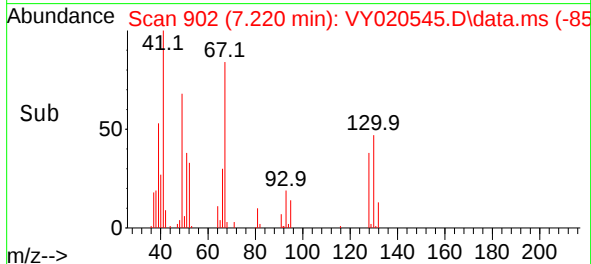
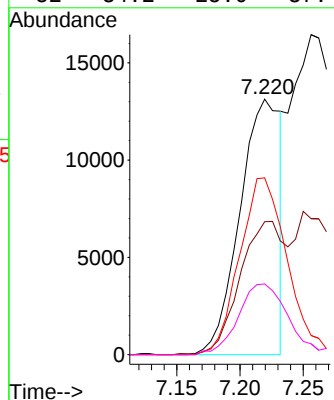


#41
Methacrylonitrile
Concen: 42.352 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Instrument :
MSVOA_Y
ClientSampleId :

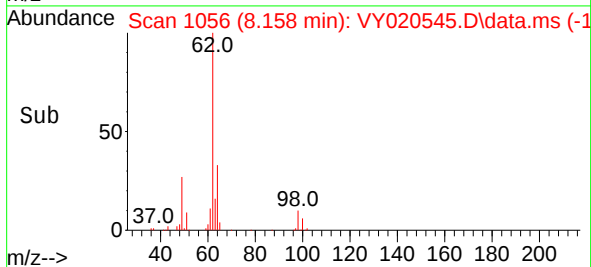
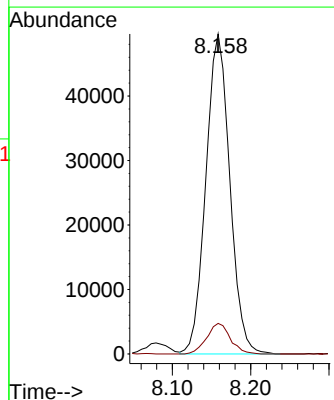
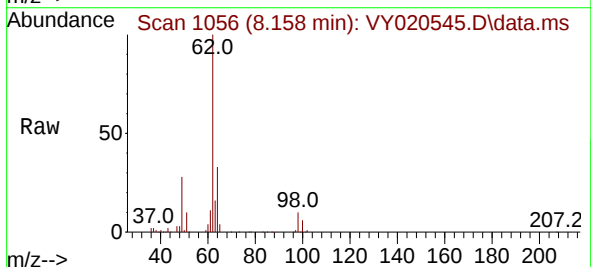


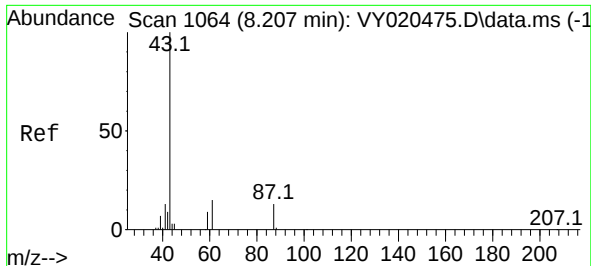
Tgt Ion: 41 Resp: 29401
Ion Ratio Lower Upper
41 100
39 58.7 49.0 73.4
67 81.3 57.1 85.7
52 34.2 25.0 37.4



#42
1,2-Dichloroethane
Concen: 44.136 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

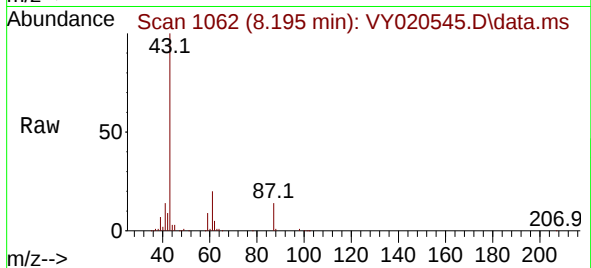
Tgt Ion: 62 Resp: 105396
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.0



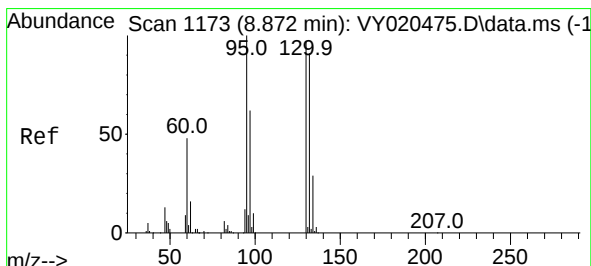
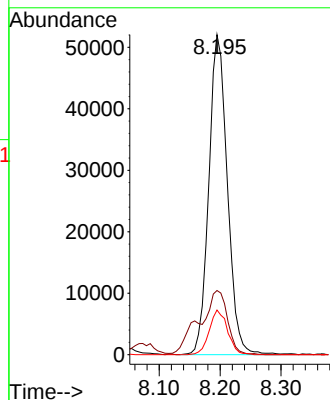
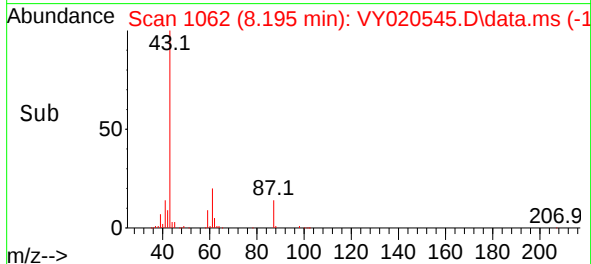


#43
Isopropyl Acetate
Concen: 44.723 ug/l
RT: 8.195 min Scan# 110281
Delta R.T. -0.012 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Instrument :
MSVOA_Y
ClientSampleId :

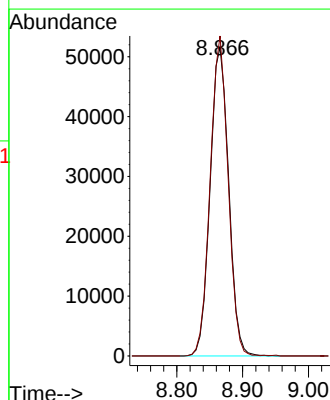
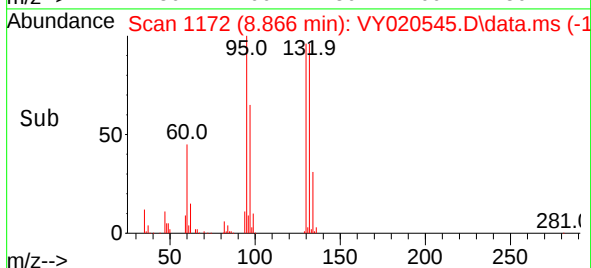
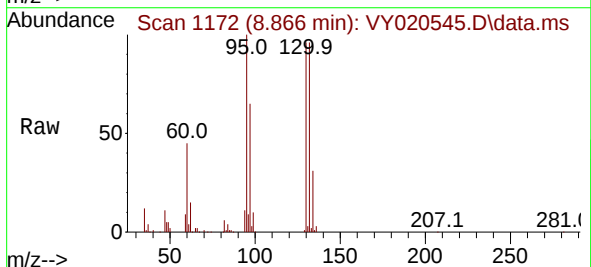


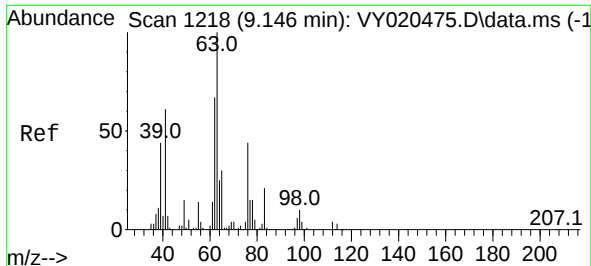
Tgt Ion: 43 Resp: 110281
Ion Ratio Lower Upper
43 100
61 20.9 22.8 34.2#
87 13.7 9.6 14.4



#44
Trichloroethene
Concen: 45.236 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Tgt Ion:130 Resp: 101346
Ion Ratio Lower Upper
130 100
95 103.7 0.0 204.8





#45

1,2-Dichloropropane

Concen: 43.905 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

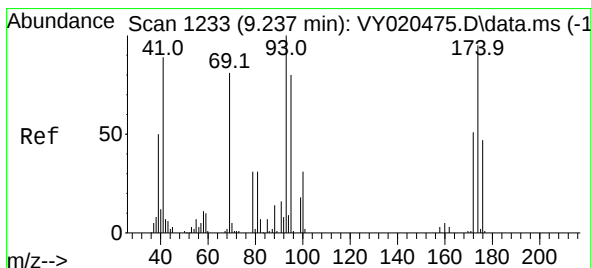
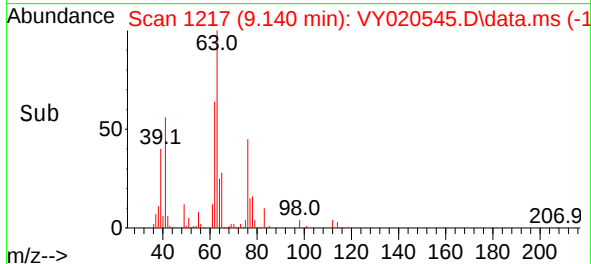
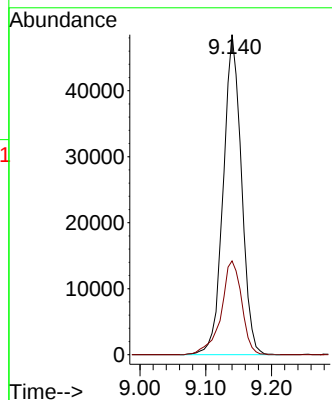
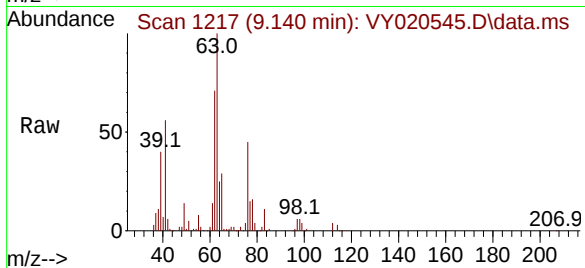
ClientSampleId :

Tgt Ion: 63 Resp: 93373

Ion Ratio Lower Upper

63 100

65 29.3 24.2 36.4



#46

Dibromomethane

Concen: 45.548 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

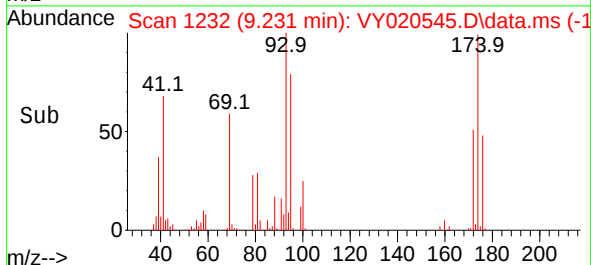
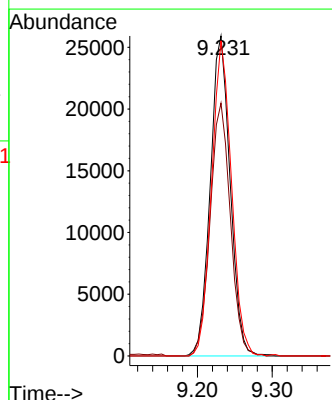
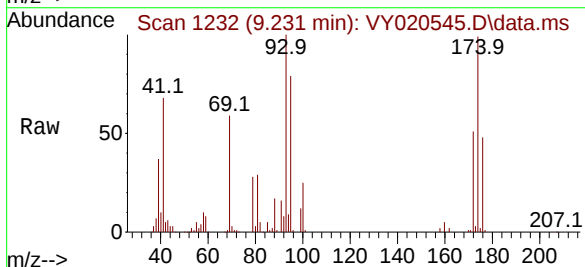
Tgt Ion: 93 Resp: 47961

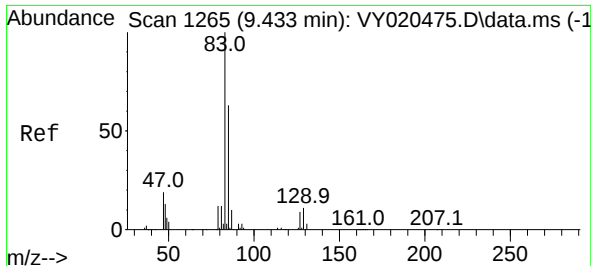
Ion Ratio Lower Upper

93 100

95 80.4 65.3 97.9

174 98.4 74.4 111.6





#47

Bromodichloromethane

Concen: 44.357 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.012 min MSVOA_Y

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

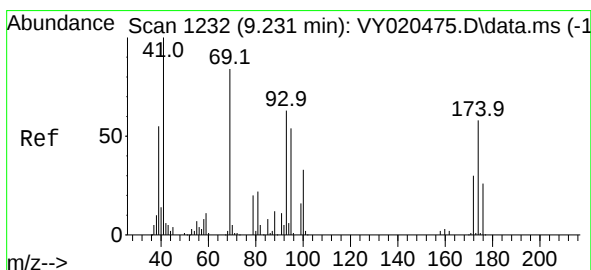
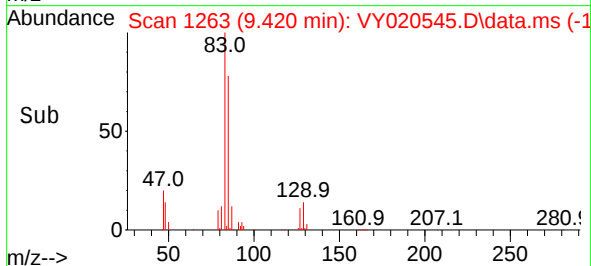
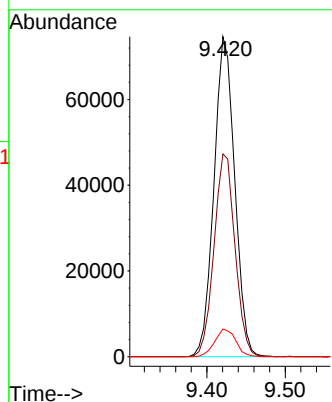
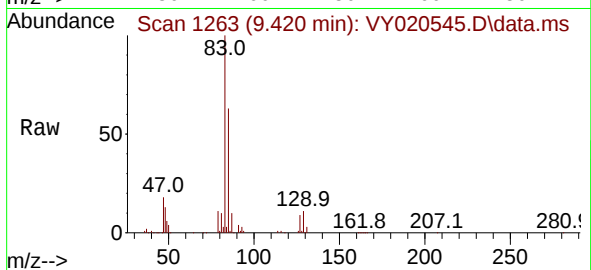
Tgt Ion: 83 Resp: 137609

Ion Ratio Lower Upper

83 100

85 63.4 51.4 77.2

127 8.7 6.3 9.5



#48

Methyl methacrylate

Concen: 45.078 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.012 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

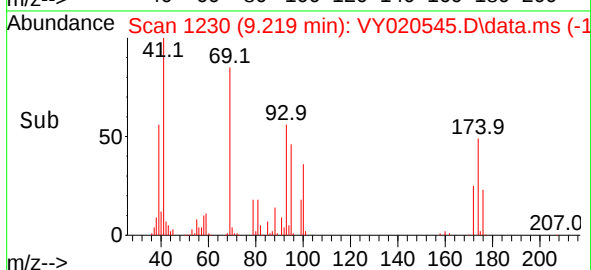
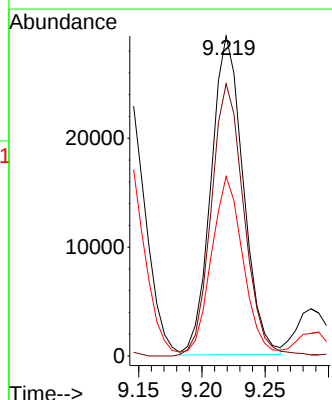
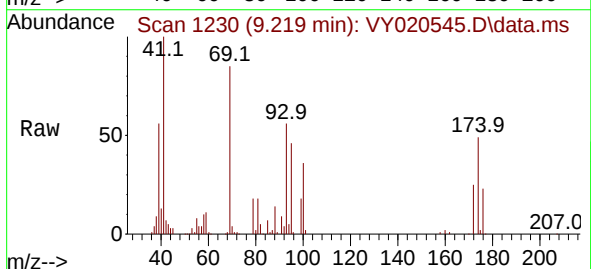
Tgt Ion: 41 Resp: 51834

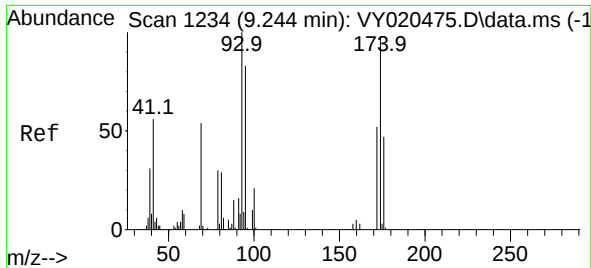
Ion Ratio Lower Upper

41 100

69 86.9 66.1 99.1

39 53.0 46.0 69.0

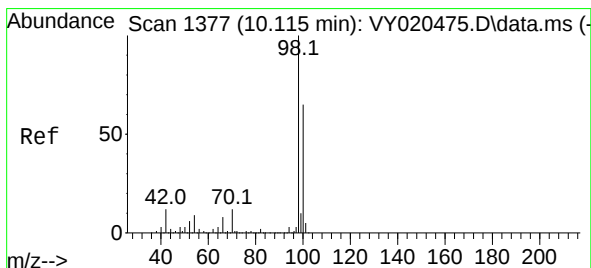
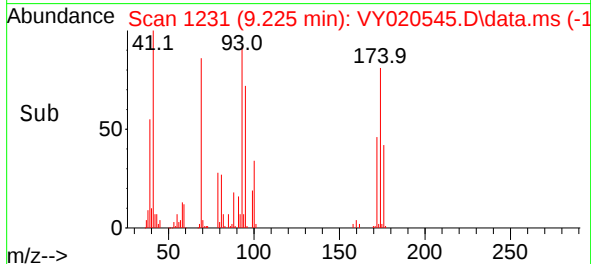
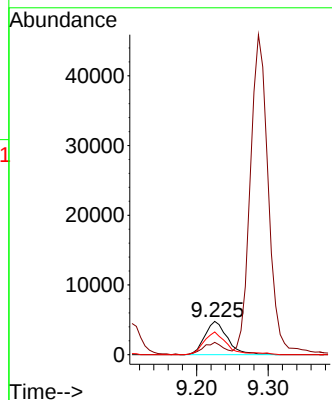
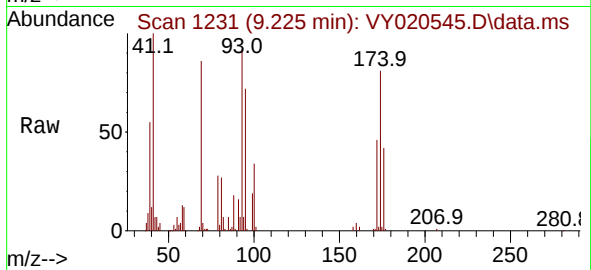




#49
1,4-Dioxane
Concen: 1044.525 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

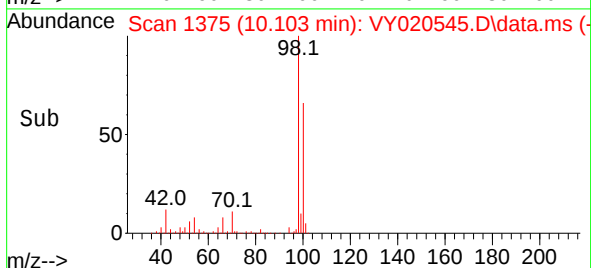
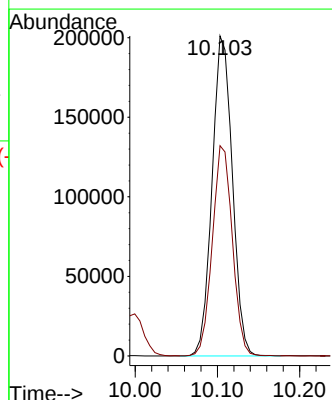
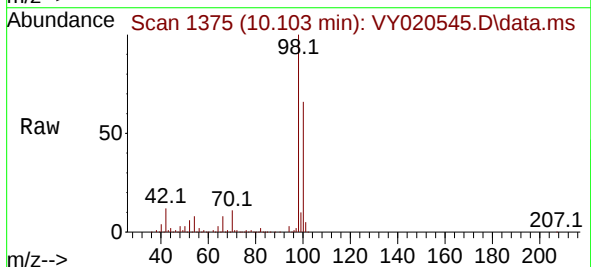
Instrument :
MSVOA_Y
ClientSampleId :

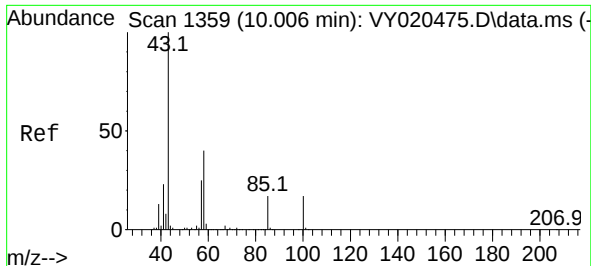
Tgt Ion: 88 Resp: 10513
Ion Ratio Lower Upper
88 100
43 34.0 24.6 37.0
58 66.2 59.6 89.4



#50
Toluene-d8
Concen: 49.579 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.012 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Tgt Ion: 98 Resp: 344595
Ion Ratio Lower Upper
98 100
100 64.9 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 228.285 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.012 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

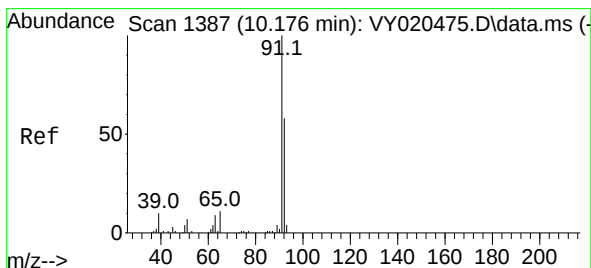
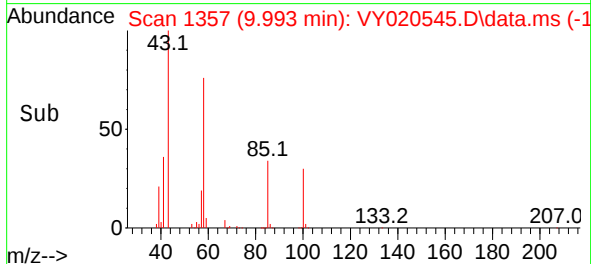
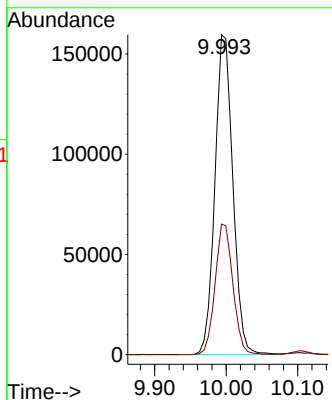
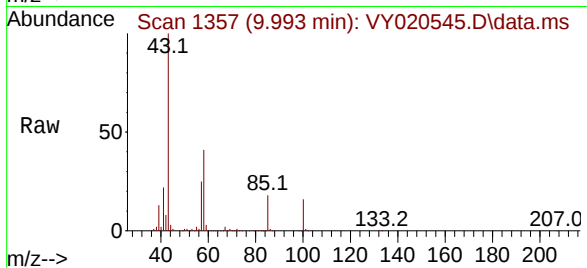
ClientSampleId :

Tgt Ion: 43 Resp: 277999

Ion Ratio Lower Upper

43 100

58 40.6 30.9 46.3



#52

Toluene

Concen: 45.024 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.006 min

Lab File: VY020545.D

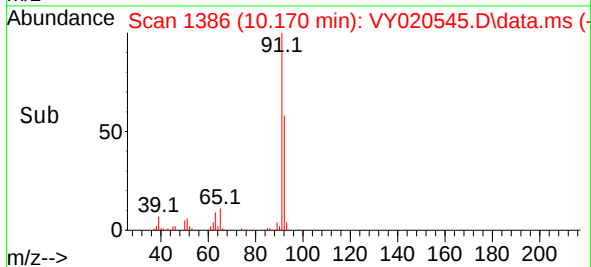
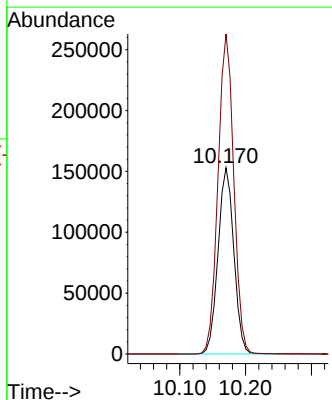
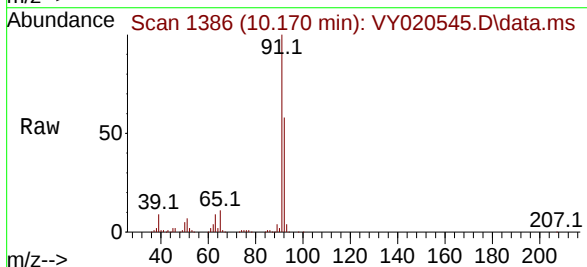
Acq: 09 Dec 2024 10:20

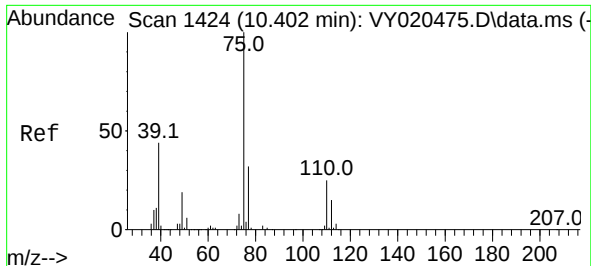
Tgt Ion: 92 Resp: 255297

Ion Ratio Lower Upper

92 100

91 171.8 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 45.617 ug/l

RT: 10.396 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

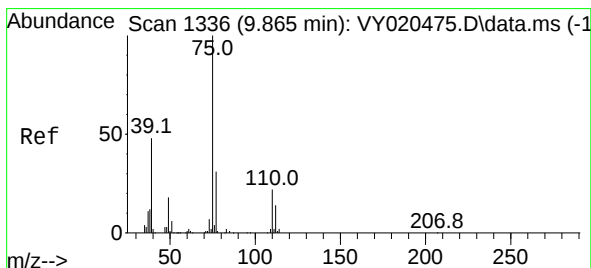
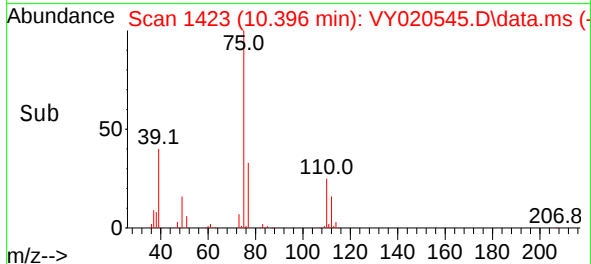
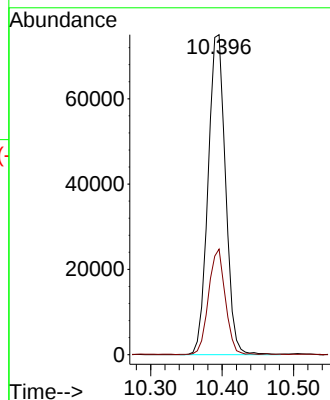
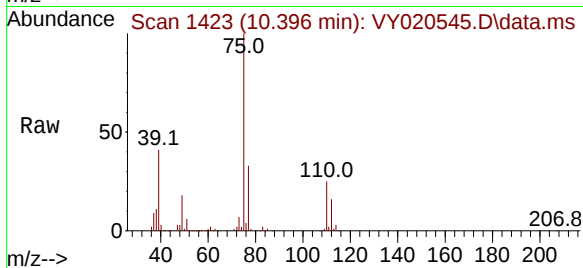
ClientSampleId :

Tgt Ion: 75 Resp: 127053

Ion Ratio Lower Upper

75 100

77 32.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 45.488 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.012 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

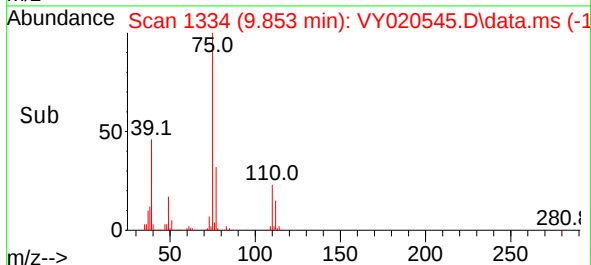
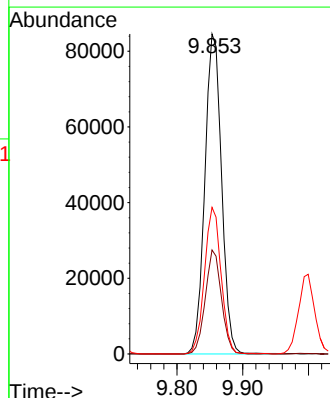
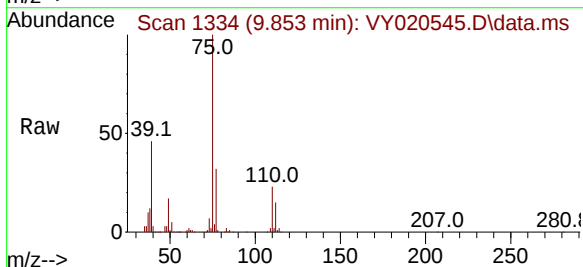
Tgt Ion: 75 Resp: 149727

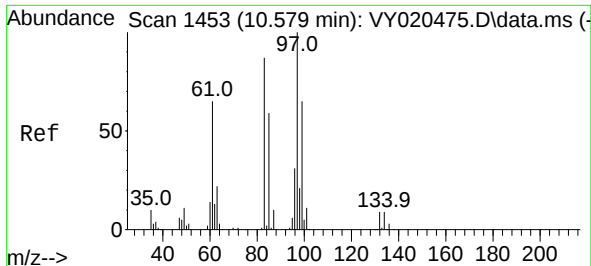
Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.4

39 45.8 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 45.803 ug/l

RT: 10.573 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 64336

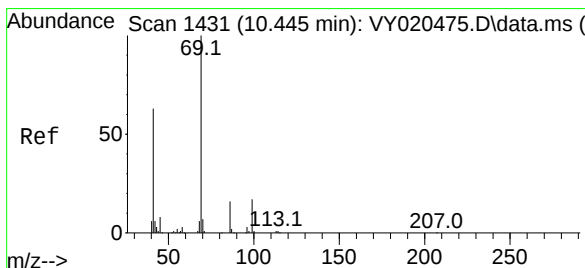
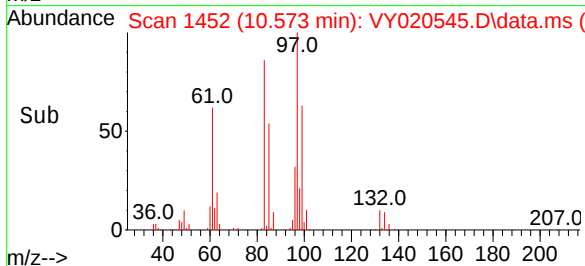
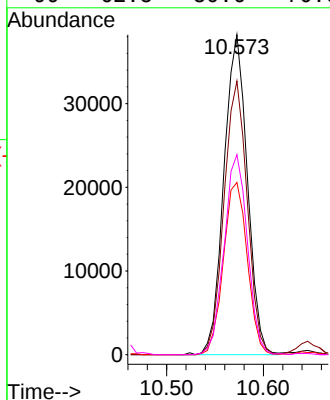
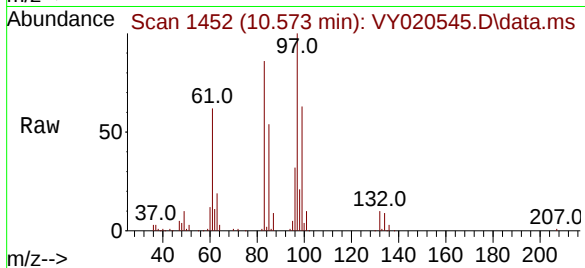
Ion Ratio Lower Upper

97 100

83 85.5 70.8 106.2

85 53.8 44.9 67.3

99 62.5 50.6 76.0



#56

Ethyl methacrylate

Concen: 46.277 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

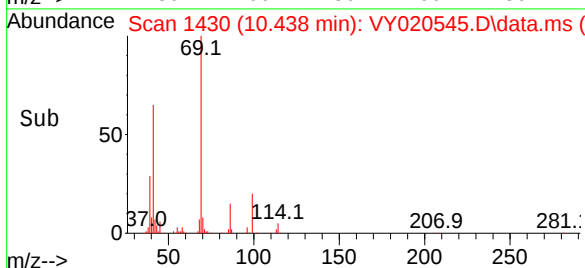
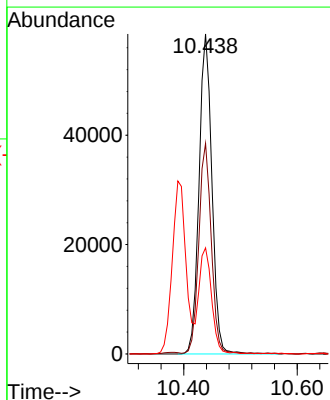
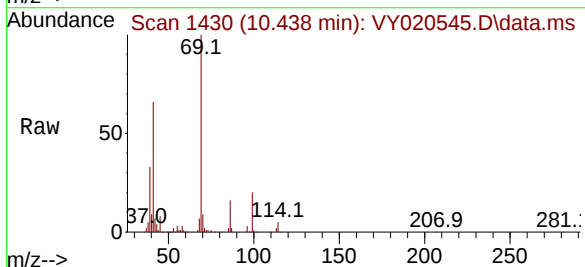
Tgt Ion: 69 Resp: 91974

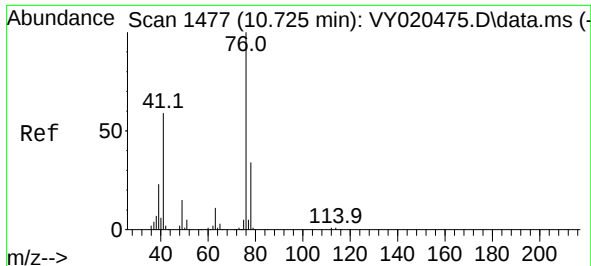
Ion Ratio Lower Upper

69 100

41 63.3 56.1 84.1

39 31.4 29.7 44.5





#57

1,3-Dichloropropane

Concen: 45.186 ug/l

RT: 10.719 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

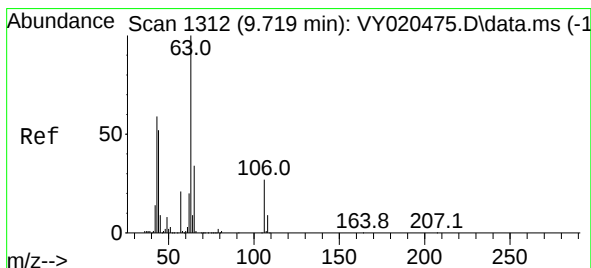
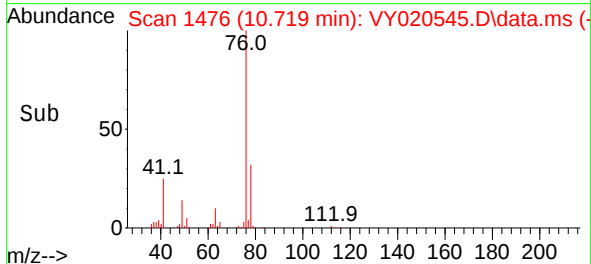
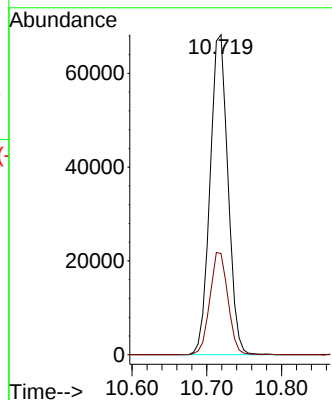
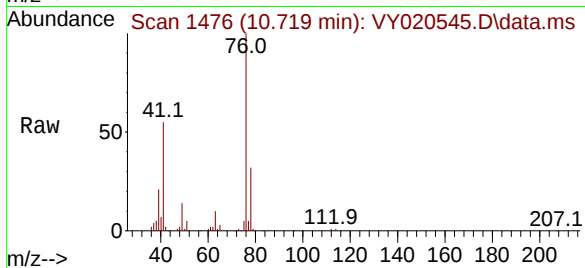
ClientSampleId :

Tgt Ion: 76 Resp: 113653

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 216.616 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.012 min

Lab File: VY020545.D

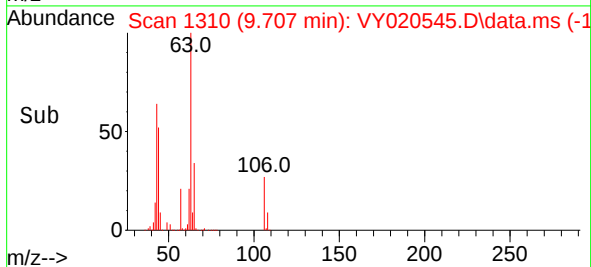
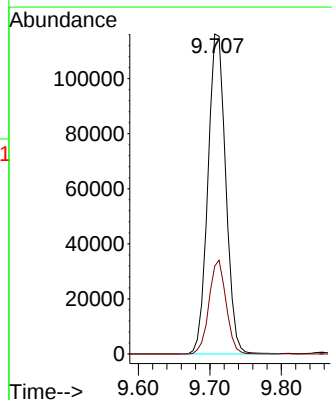
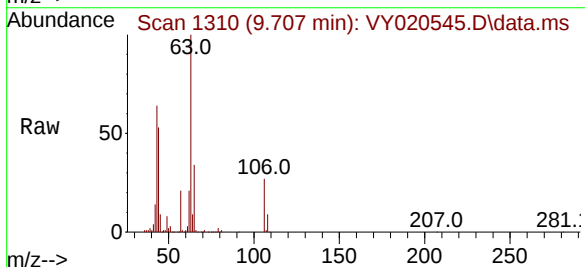
Acq: 09 Dec 2024 10:20

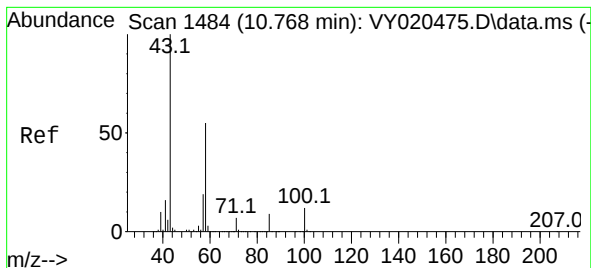
Tgt Ion: 63 Resp: 201570

Ion Ratio Lower Upper

63 100

106 28.0 21.0 31.4





#59

2-Hexanone

Concen: 235.563 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

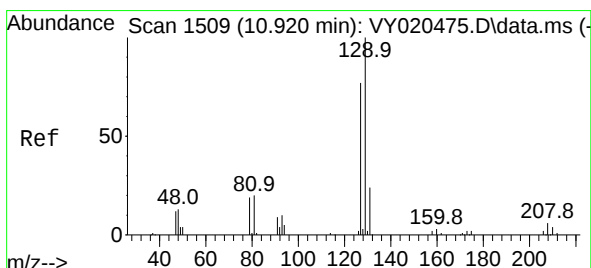
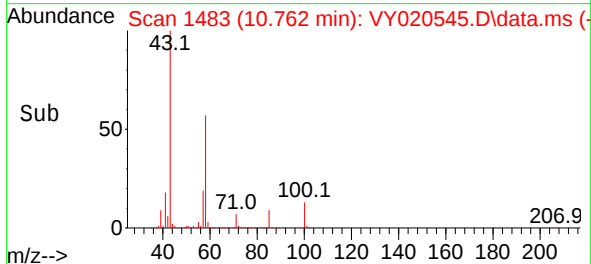
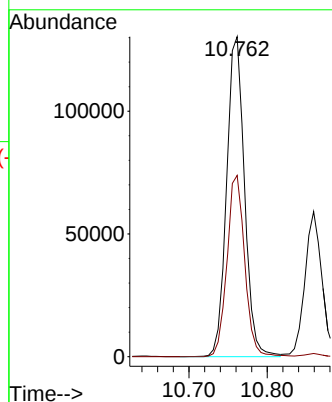
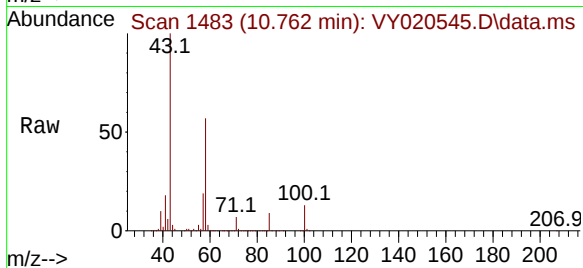
ClientSampleId :

Tgt Ion: 43 Resp: 206945

Ion Ratio Lower Upper

43 100

58 56.2 26.4 79.2



#60

Dibromochloromethane

Concen: 45.497 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.012 min

Lab File: VY020545.D

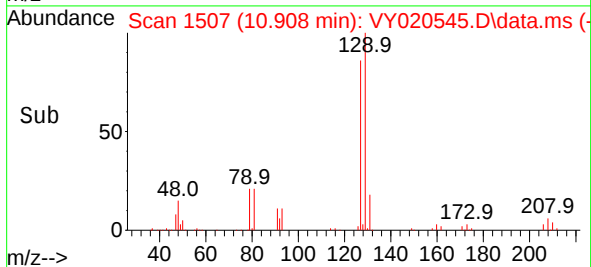
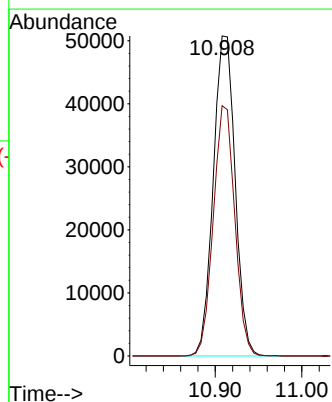
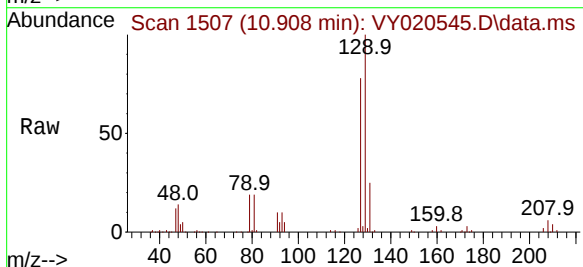
Acq: 09 Dec 2024 10:20

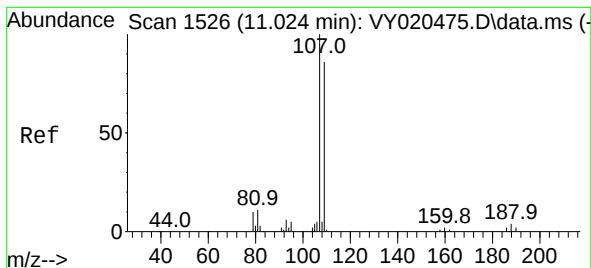
Tgt Ion:129 Resp: 88973

Ion Ratio Lower Upper

129 100

127 76.9 38.3 114.9





#61

1,2-Dibromoethane

Concen: 45.306 ug/l

RT: 11.012 min Scan# 1

Delta R.T. -0.012 min MSVOA_Y

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

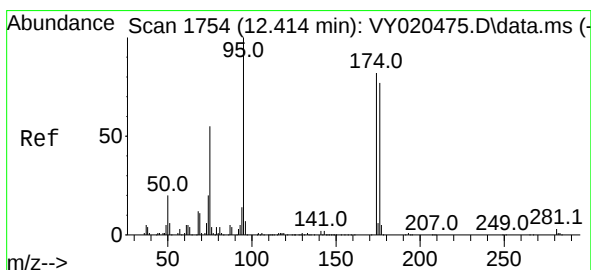
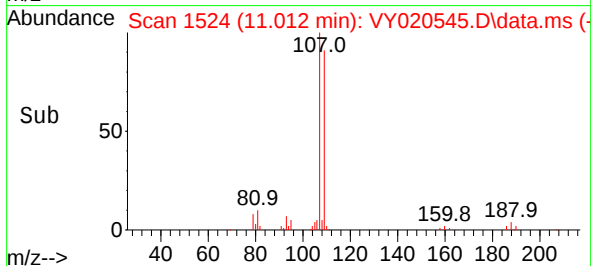
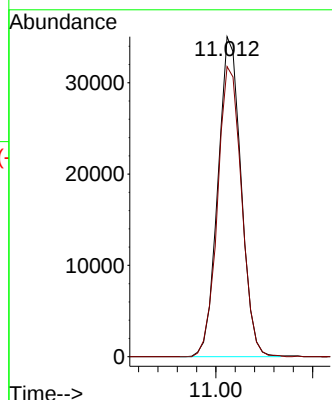
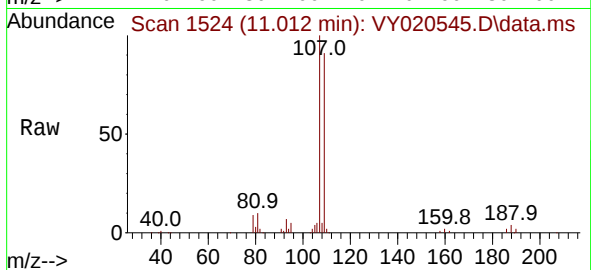
ClientSampleId :

Tgt Ion:107 Resp: 58196

Ion Ratio Lower Upper

107 100

109 93.9 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 49.017 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

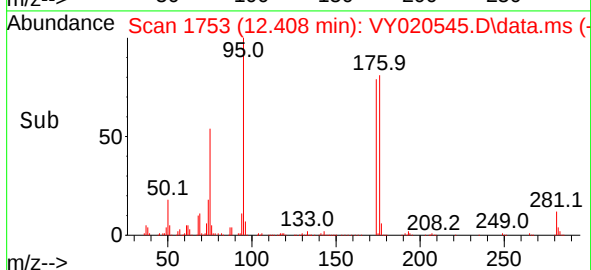
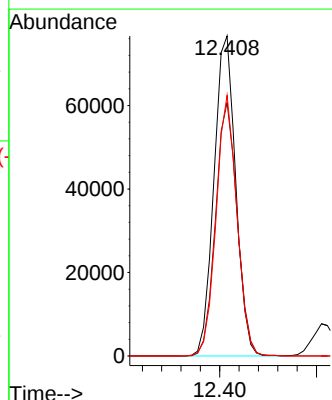
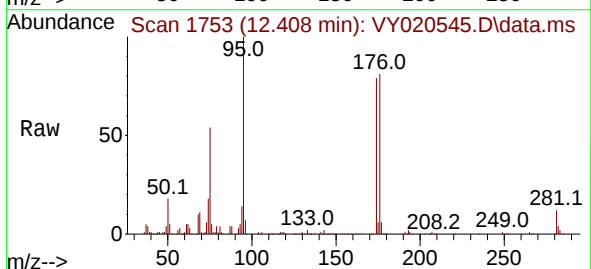
Tgt Ion: 95 Resp: 119154

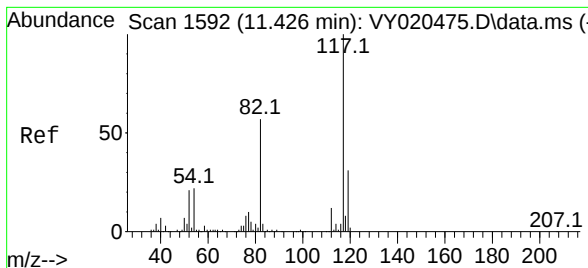
Ion Ratio Lower Upper

95 100

174 78.9 0.0 156.8

176 77.7 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.012 min

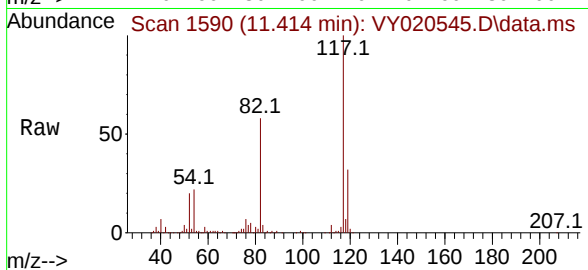
Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :



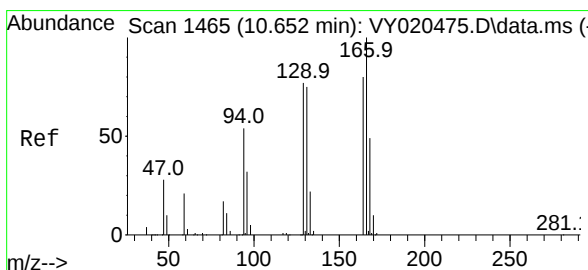
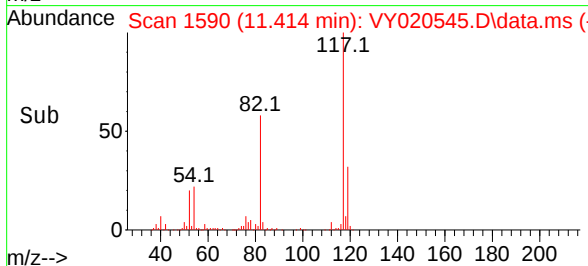
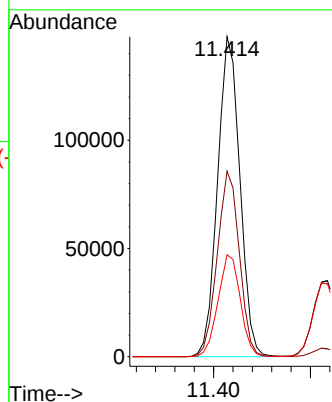
Tgt Ion:117 Resp: 236617

Ion Ratio Lower Upper

117 100

82 57.9 48.2 72.4

119 31.9 25.8 38.8



#64

Tetrachloroethene

Concen: 44.431 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Tgt Ion:164 Resp: 88833

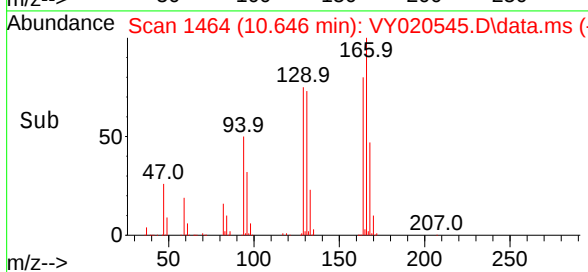
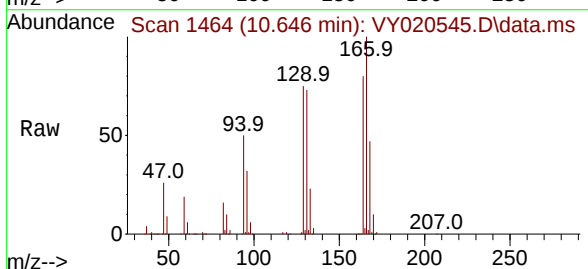
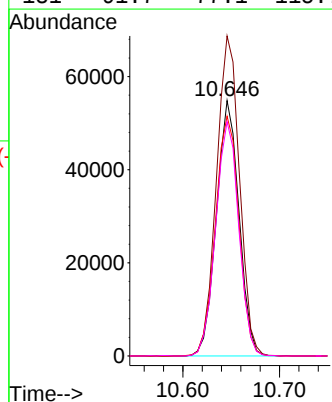
Ion Ratio Lower Upper

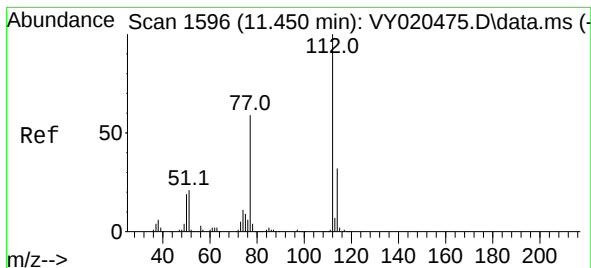
164 100

166 125.3 103.8 155.8

129 93.9 79.0 118.4

131 91.7 77.1 115.7





#65

Chlorobenzene

Concen: 44.669 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

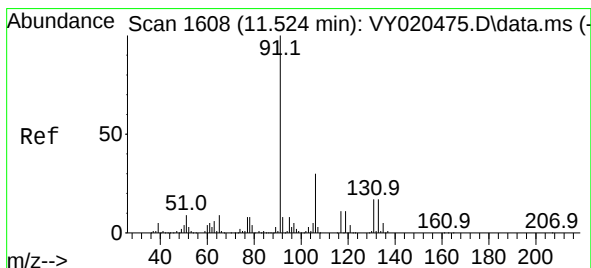
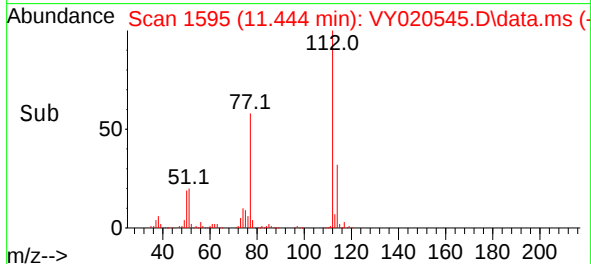
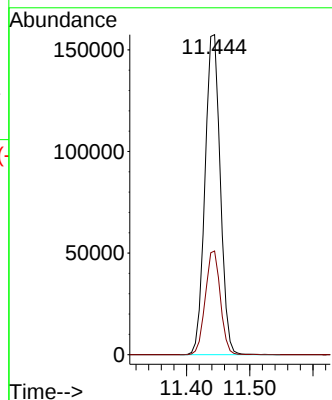
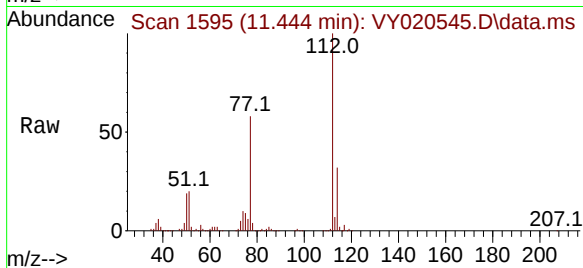
ClientSampleId :

Tgt Ion:112 Resp: 264928

Ion Ratio Lower Upper

112 100

114 32.4 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 44.179 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

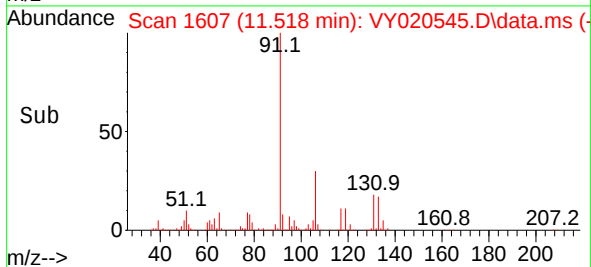
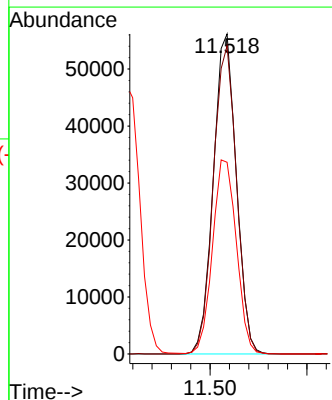
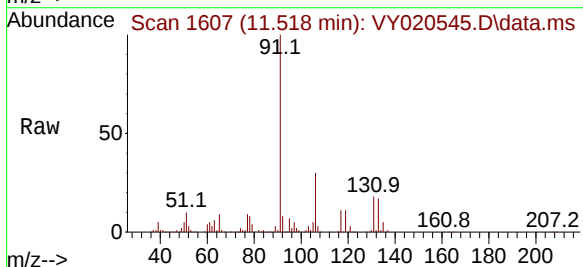
Tgt Ion:131 Resp: 92925

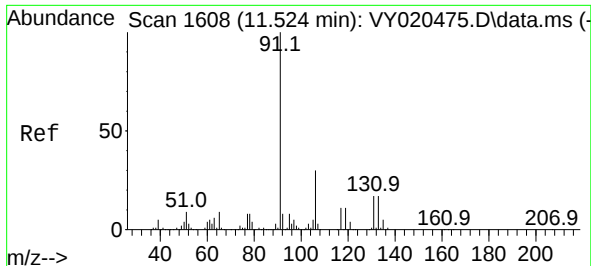
Ion Ratio Lower Upper

131 100

133 96.9 47.8 143.3

119 62.8 32.5 97.5





#67

Ethyl Benzene

Concen: 44.434 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

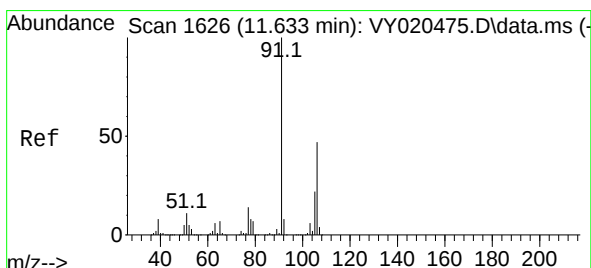
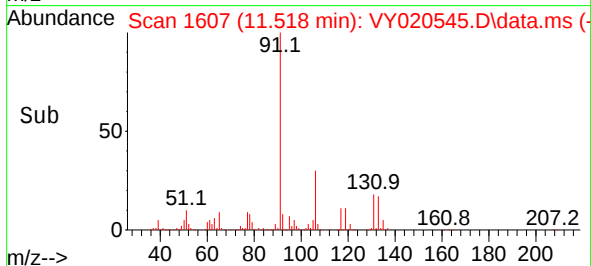
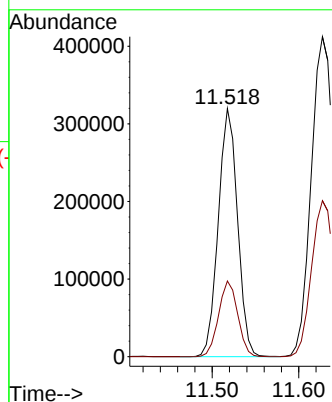
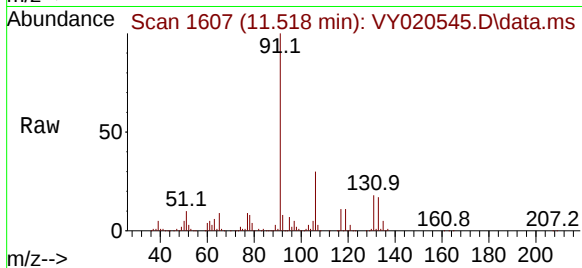
ClientSampleId :

Tgt Ion: 91 Resp: 493974

Ion Ratio Lower Upper

91 100

106 30.5 23.9 35.9



#68

m/p-Xylenes

Concen: 90.398 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020545.D

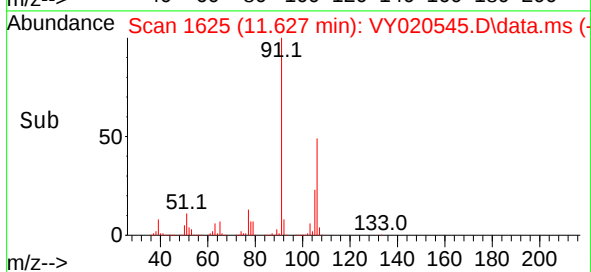
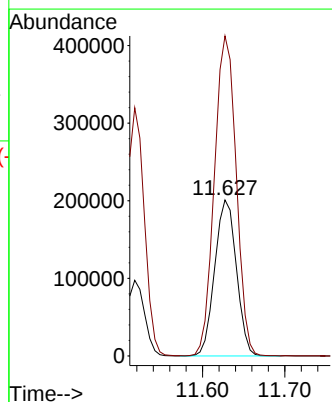
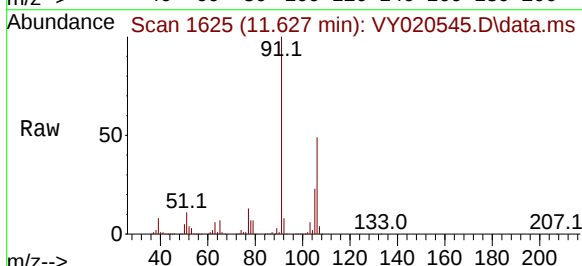
Acq: 09 Dec 2024 10:20

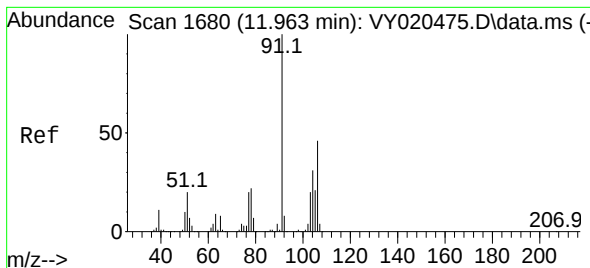
Tgt Ion:106 Resp: 367989

Ion Ratio Lower Upper

106 100

91 206.8 166.0 249.0





#69

o-Xylene

Concen: 45.097 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

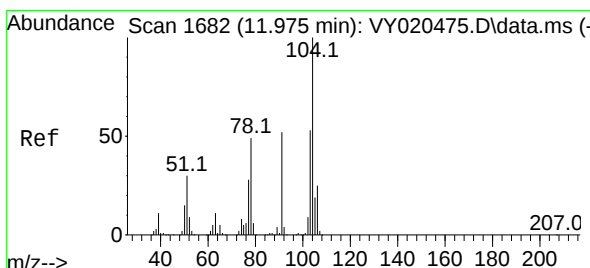
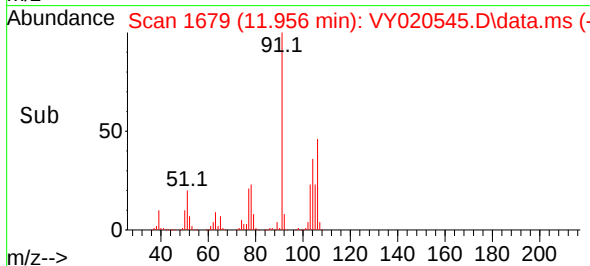
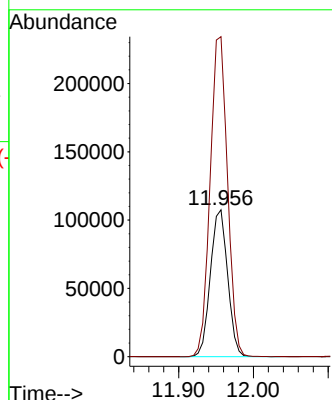
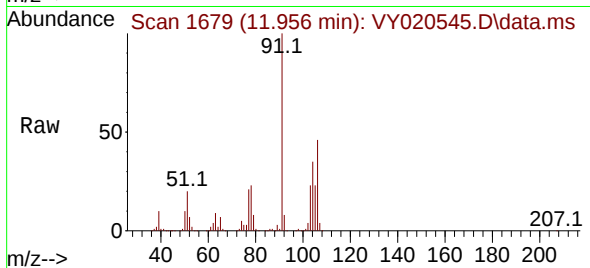
ClientSampleId :

Tgt Ion:106 Resp: 171986

Ion Ratio Lower Upper

106 100

91 219.7 110.0 330.0



#70

Styrene

Concen: 44.932 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

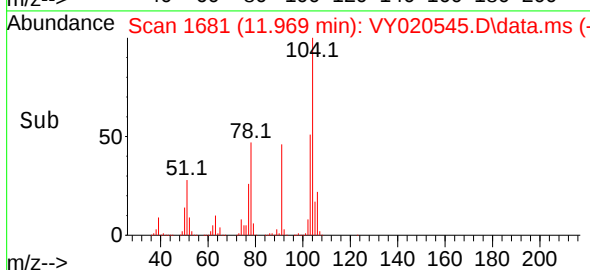
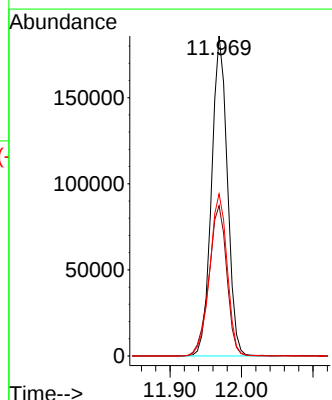
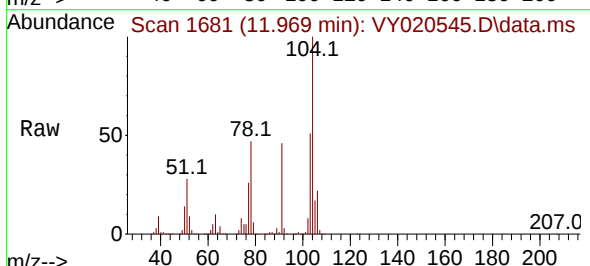
Tgt Ion:104 Resp: 285883

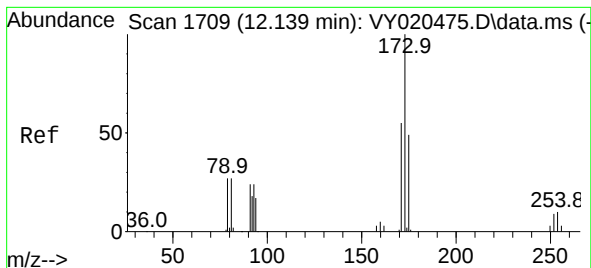
Ion Ratio Lower Upper

104 100

78 52.7 41.4 62.2

103 55.7 44.2 66.4





#71

Bromoform

Concen: 46.365 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

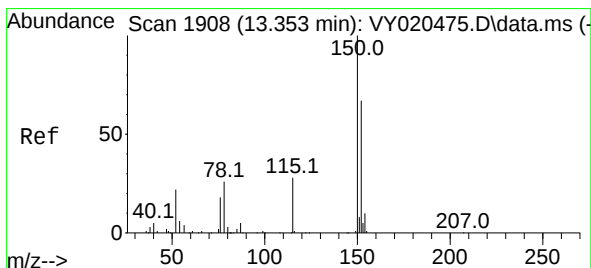
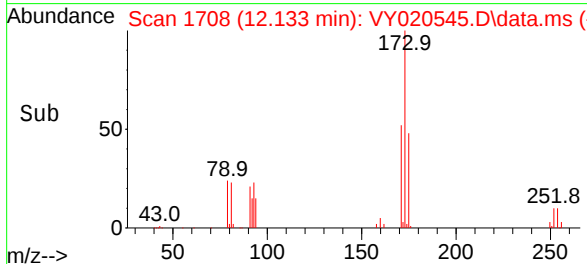
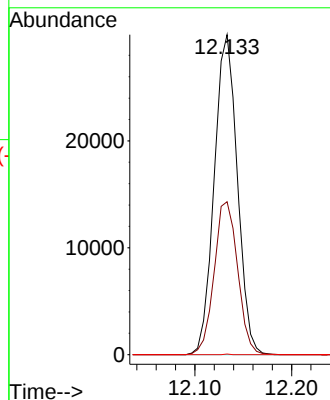
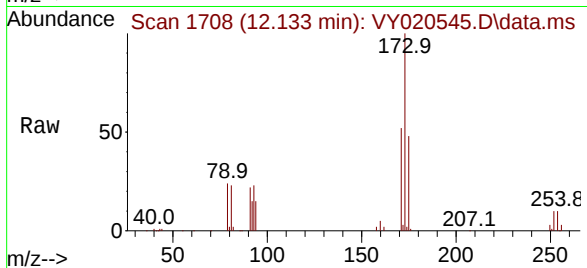
Tgt Ion:173 Resp: 49583

Ion Ratio Lower Upper

173 100

175 48.8 24.3 73.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

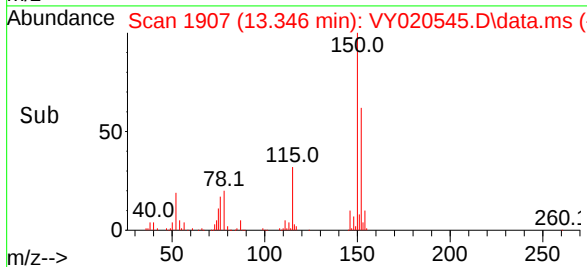
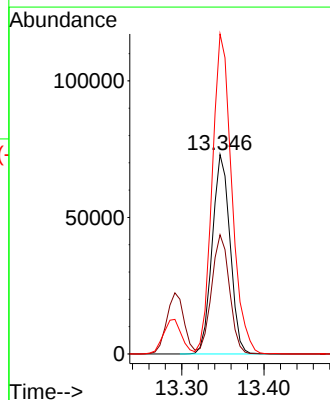
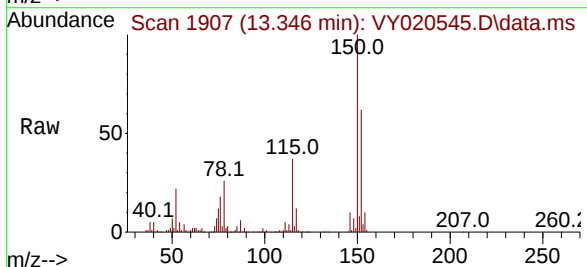
Tgt Ion:152 Resp: 109947

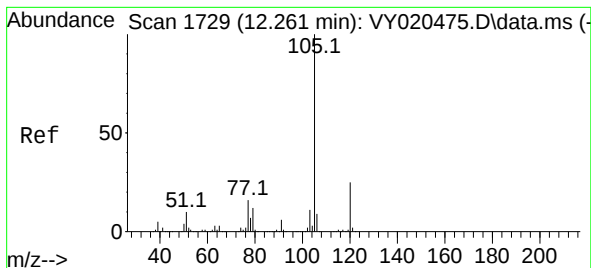
Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 175.7 0.0 348.2





#73

Isopropylbenzene

Concen: 44.387 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

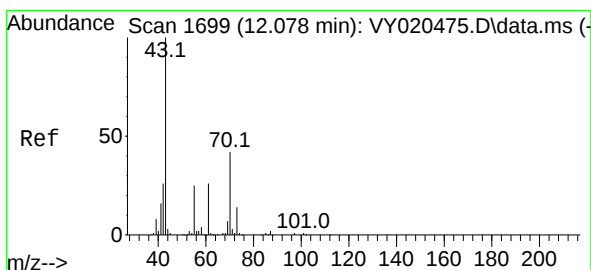
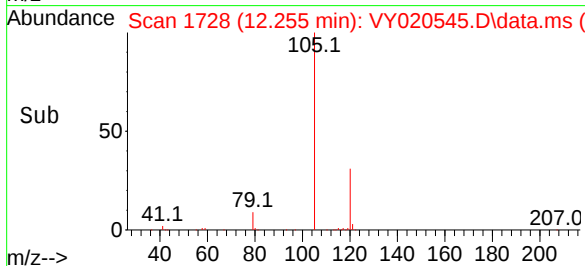
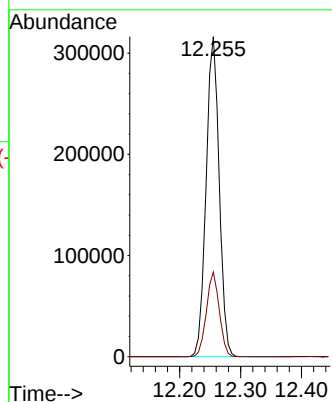
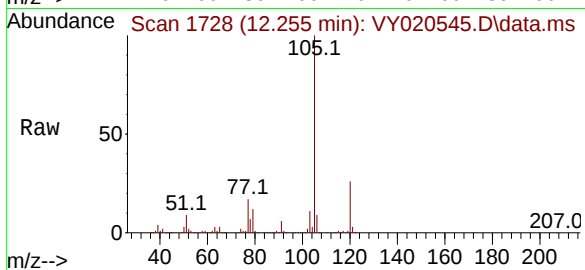
ClientSampleId :

Tgt Ion:105 Resp: 472184

Ion Ratio Lower Upper

105 100

120 26.0 12.7 38.1



#74

N-ethyl acetate

Concen: 45.105 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Tgt Ion: 43 Resp: 94045

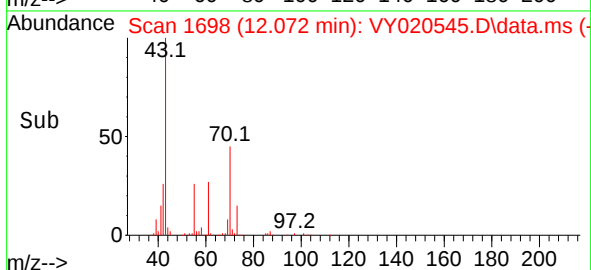
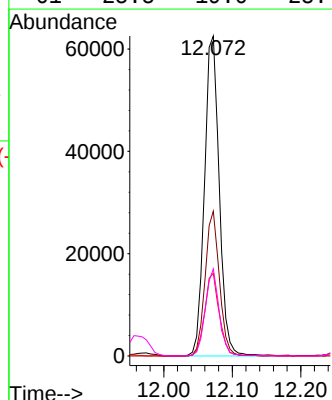
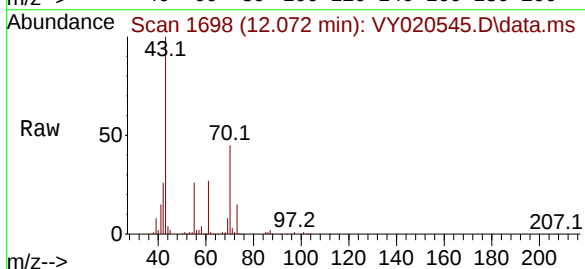
Ion Ratio Lower Upper

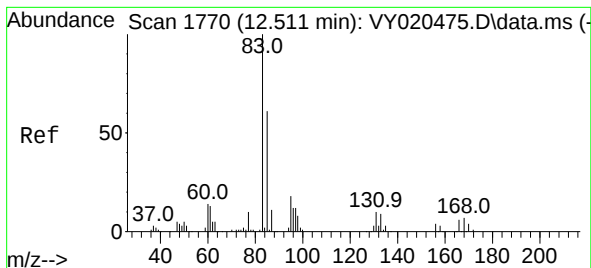
43 100

70 43.8 32.9 49.3

55 25.6 19.3 28.9

61 25.5 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 44.820 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

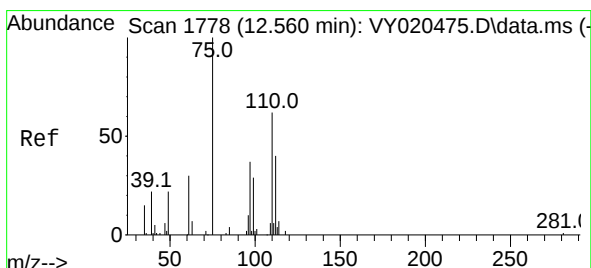
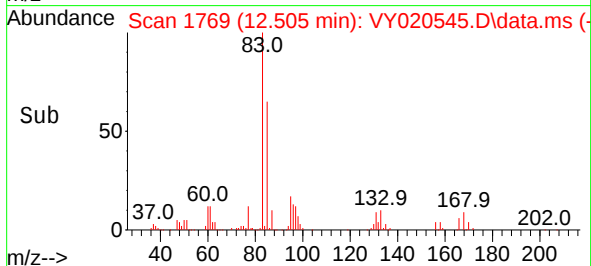
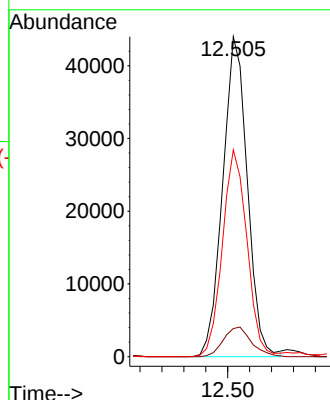
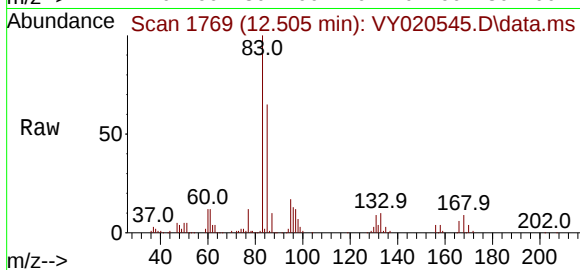
Tgt Ion: 83 Resp: 68567

Ion Ratio Lower Upper

83 100

131 10.5 4.8 14.4

85 64.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 83.076 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY020545.D

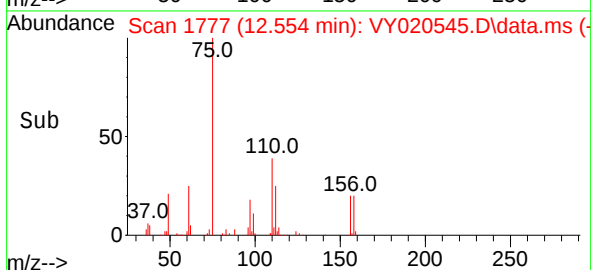
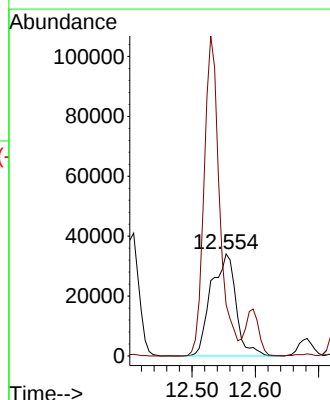
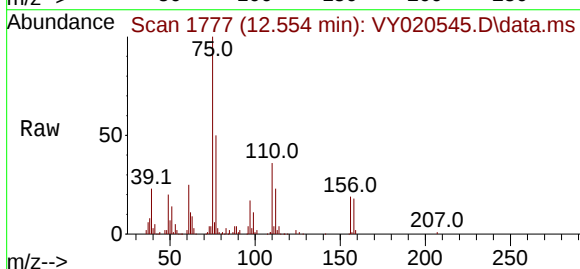
Acq: 09 Dec 2024 10:20

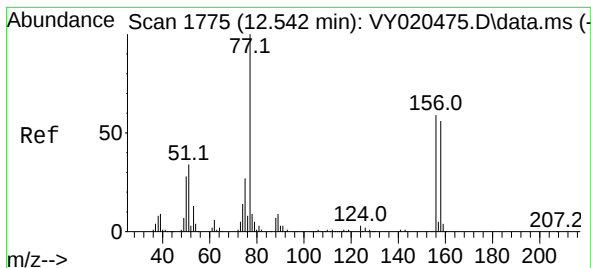
Tgt Ion: 75 Resp: 93046

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.880 ug/l

RT: 12.530 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

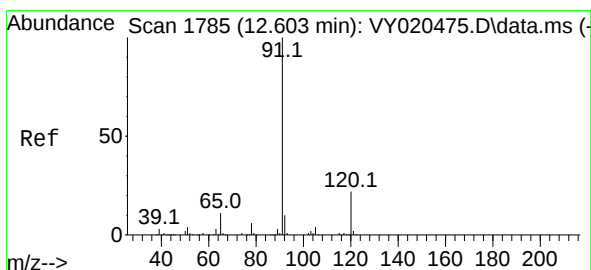
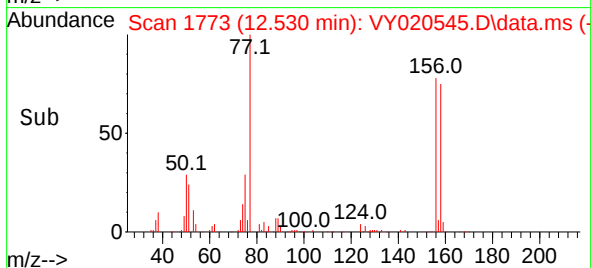
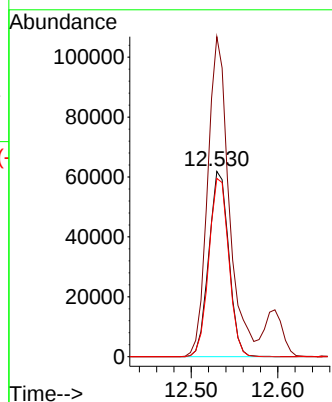
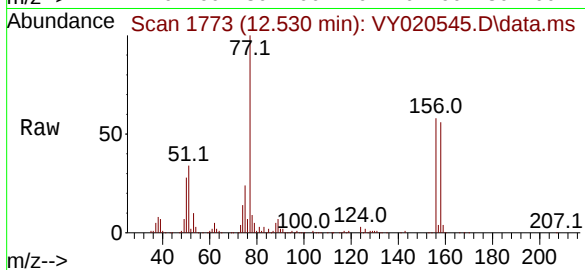
Tgt Ion:156 Resp: 98872

Ion Ratio Lower Upper

156 100

77 184.9 97.2 291.6

158 96.2 47.8 143.4



#78

n-propylbenzene

Concen: 44.486 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VY020545.D

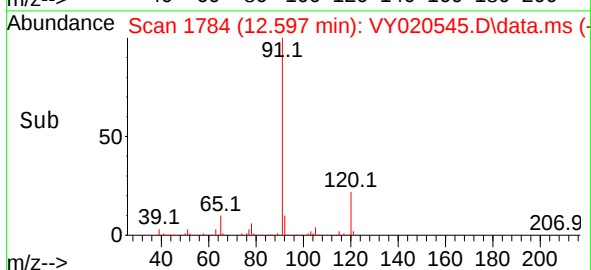
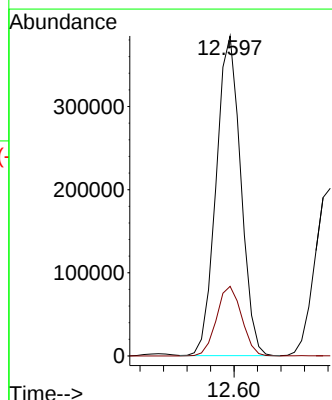
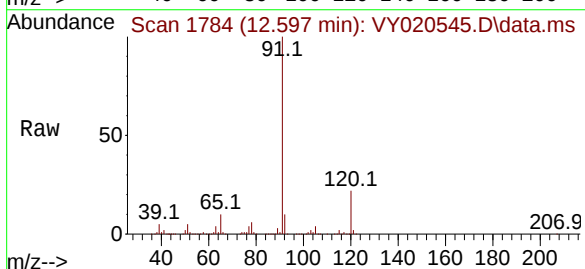
Acq: 09 Dec 2024 10:20

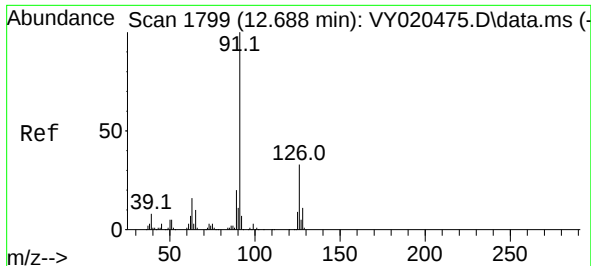
Tgt Ion: 91 Resp: 560309

Ion Ratio Lower Upper

91 100

120 22.2 10.9 32.6





#79

2-Chlorotoluene

Concen: 43.925 ug/l

RT: 12.682 min Scan# 1799

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

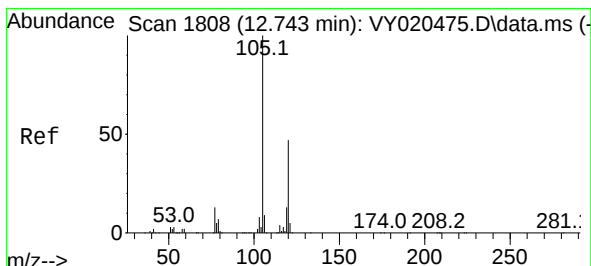
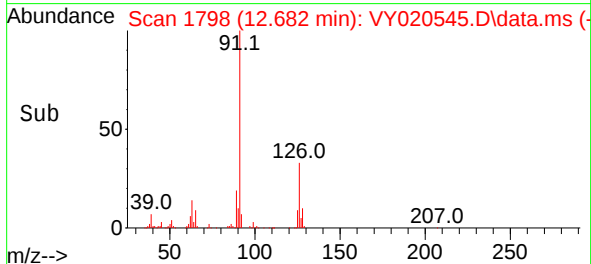
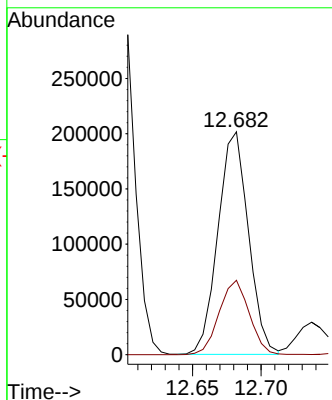
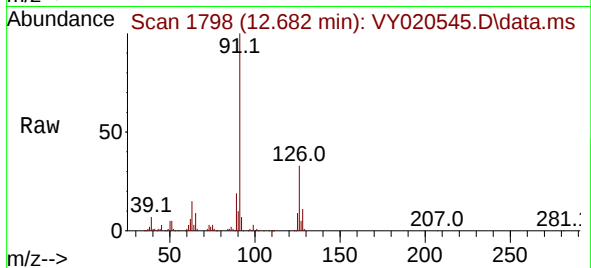
ClientSampleId :

Tgt Ion: 91 Resp: 312175

Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 44.475 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY020545.D

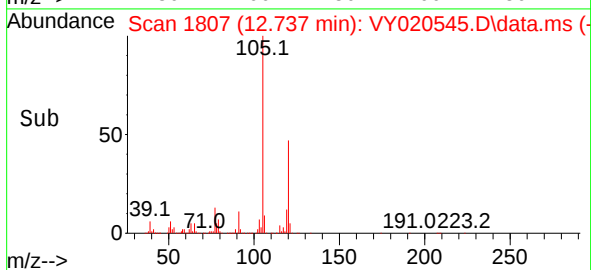
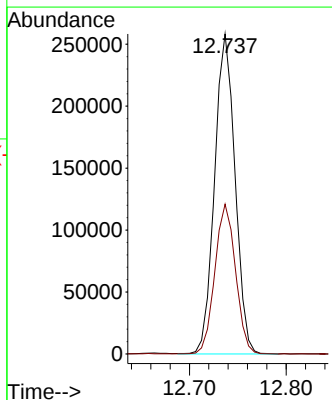
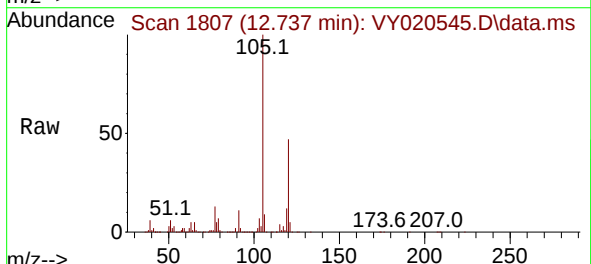
Acq: 09 Dec 2024 10:20

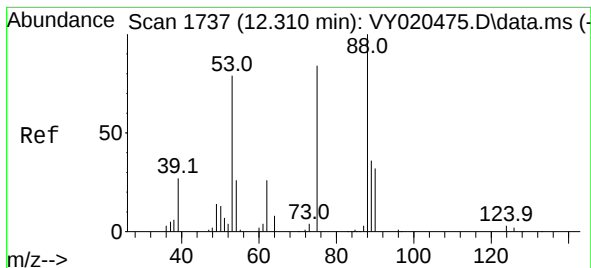
Tgt Ion:105 Resp: 379149

Ion Ratio Lower Upper

105 100

120 47.4 24.3 72.8

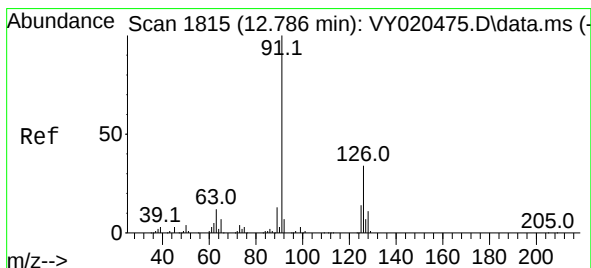
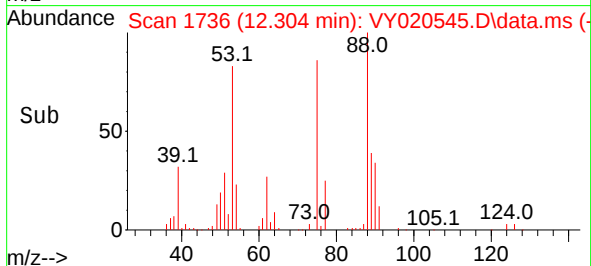
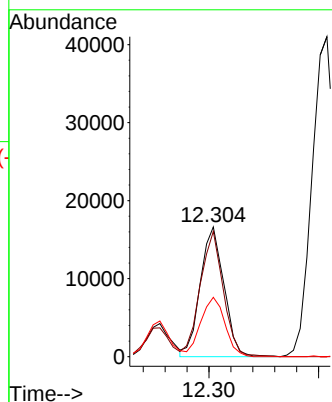
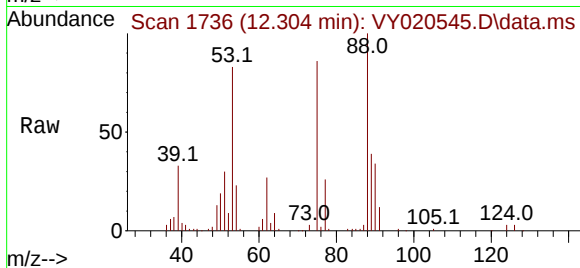




#81
trans-1,4-Dichloro-2-butene
Concen: 45.703 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

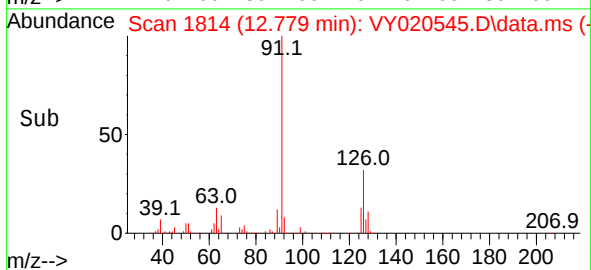
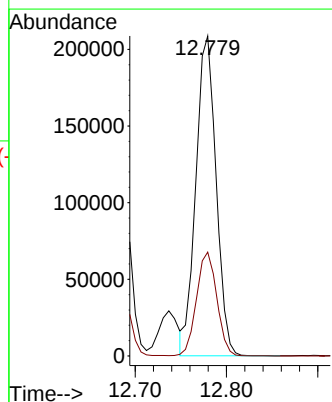
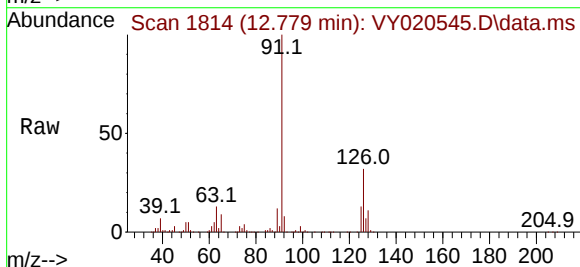
Instrument :
MSVOA_Y
ClientSampleId :

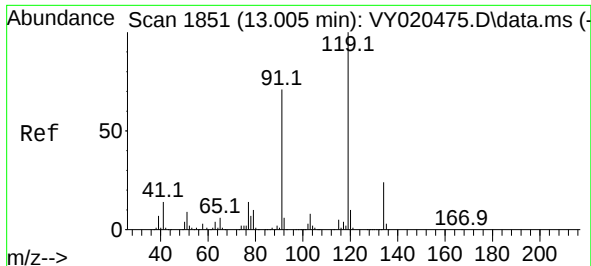
Tgt Ion: 75 Resp: 24947
Ion Ratio Lower Upper
75 100
53 95.0 81.1 121.7
89 46.5 35.1 52.7



#82
4-Chlorotoluene
Concen: 44.287 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Tgt Ion: 91 Resp: 321198
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.8

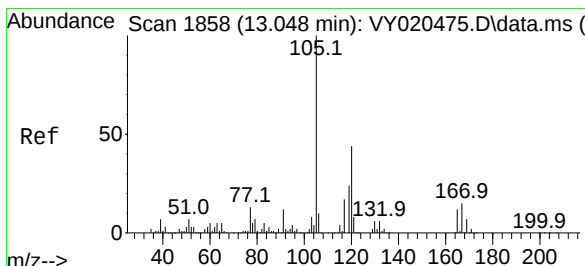
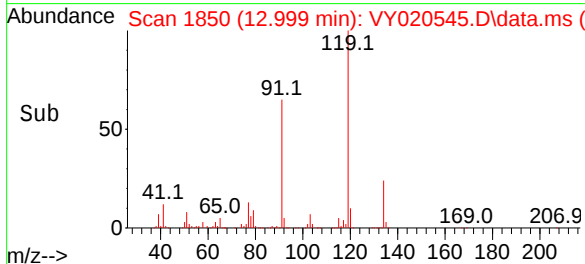
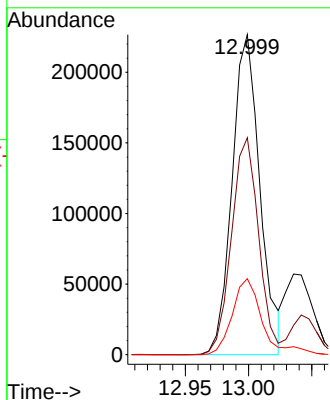
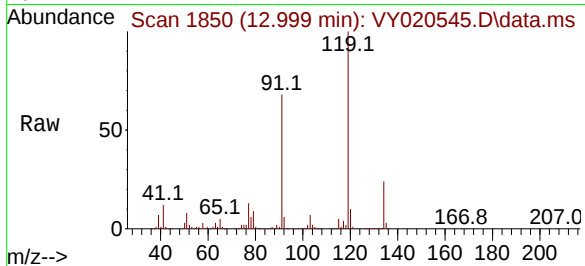




#83
tert-Butylbenzene
Concen: 45.038 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

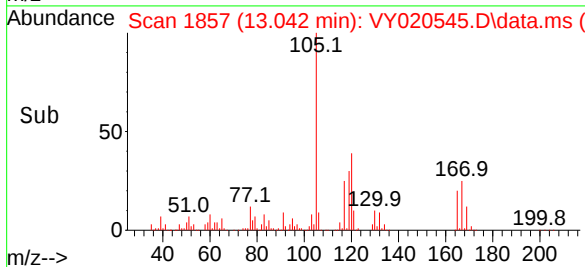
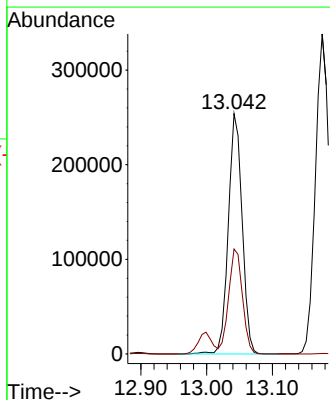
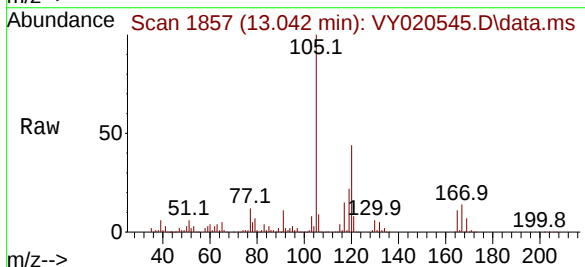
Instrument :
MSVOA_Y
ClientSampleId :

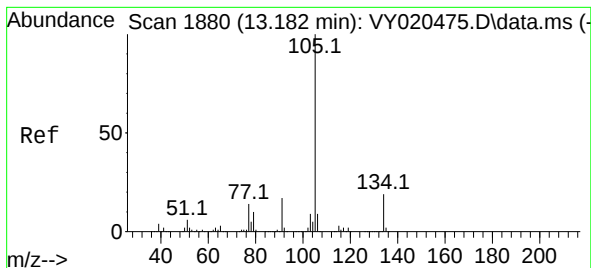
Tgt Ion:119 Resp: 347124
Ion Ratio Lower Upper
119 100
91 66.2 33.3 99.9
134 25.5 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 44.820 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Tgt Ion:105 Resp: 371373
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 45.026 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

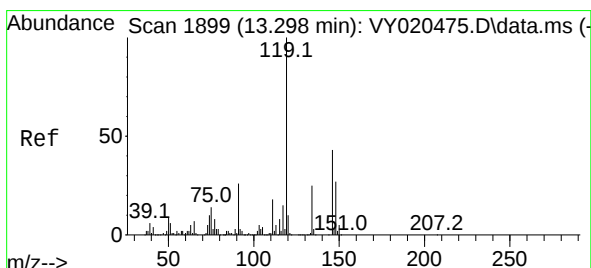
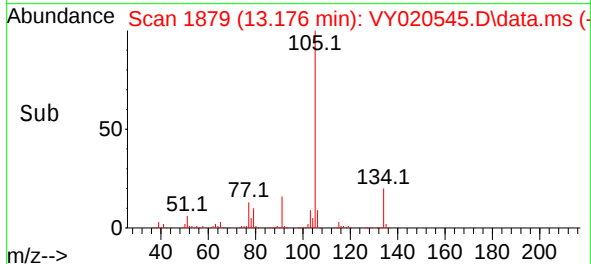
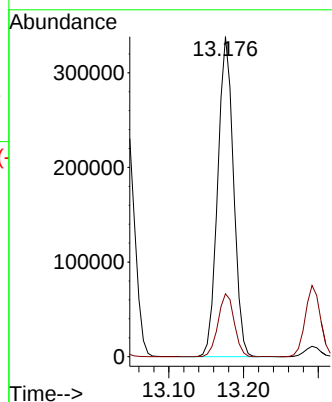
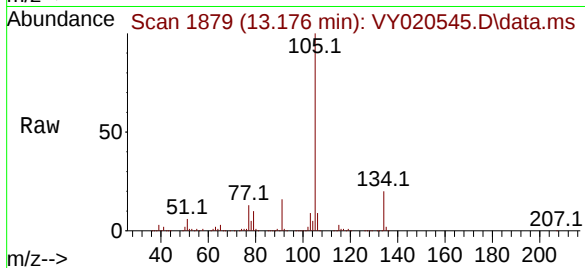
ClientSampleId :

Tgt Ion:105 Resp: 497340

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.5



#86

p-Isopropyltoluene

Concen: 45.089 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

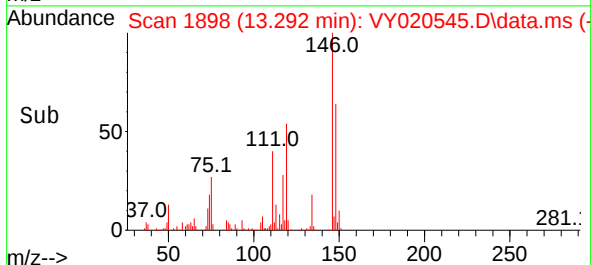
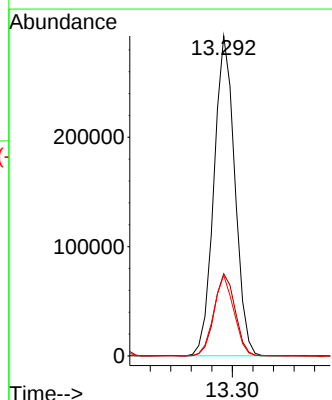
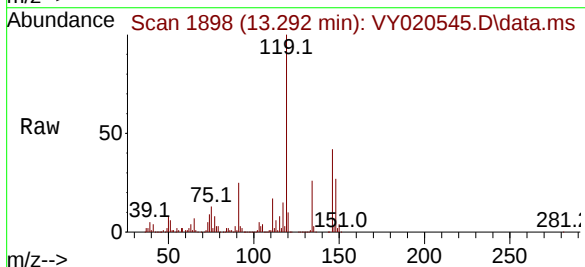
Tgt Ion:119 Resp: 411563

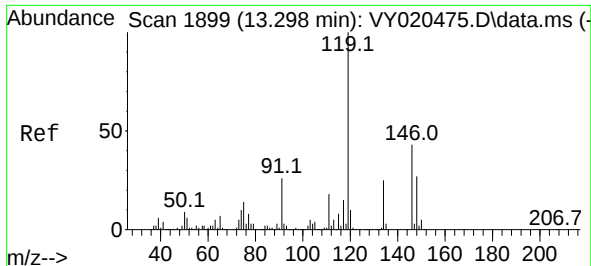
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

91 24.6 12.3 36.8

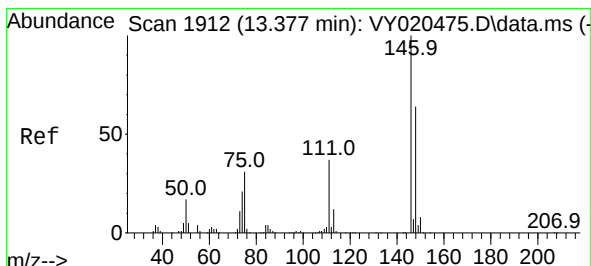
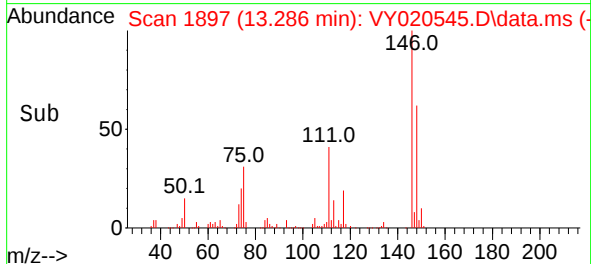
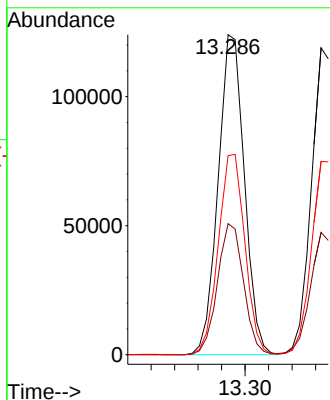
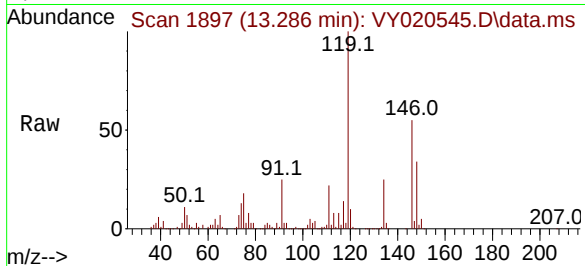




#87
1,3-Dichlorobenzene
Concen: 45.392 ug/l
RT: 13.286 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

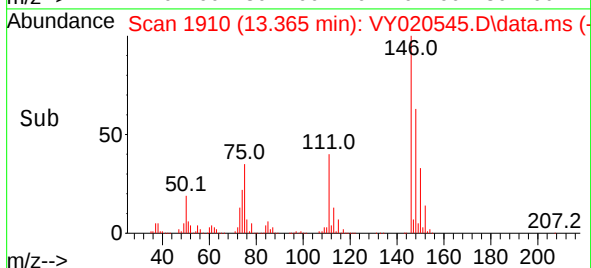
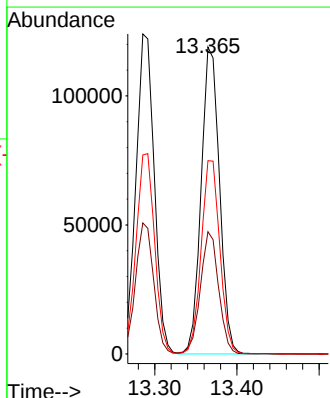
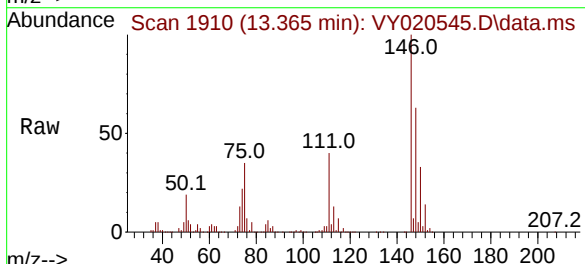
Instrument :
MSVOA_Y
ClientSampleId :

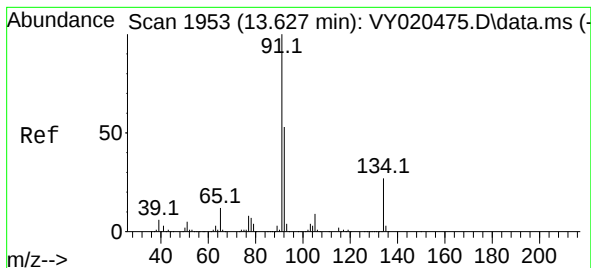
Tgt Ion:146 Resp: 192854
Ion Ratio Lower Upper
146 100
111 40.7 20.5 61.6
148 63.4 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 44.384 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.012 min
Lab File: VY020545.D
Acq: 09 Dec 2024 10:20

Tgt Ion:146 Resp: 184607
Ion Ratio Lower Upper
146 100
111 39.6 19.9 59.6
148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 45.262 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

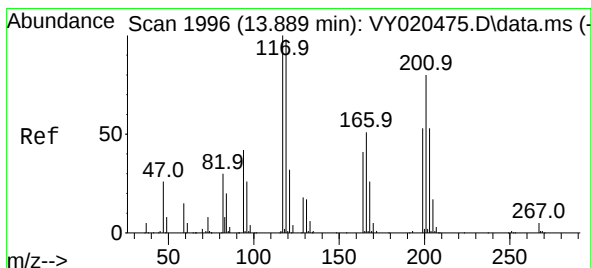
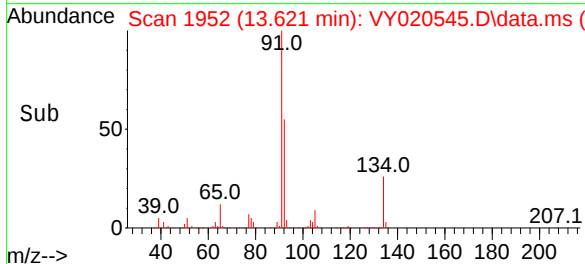
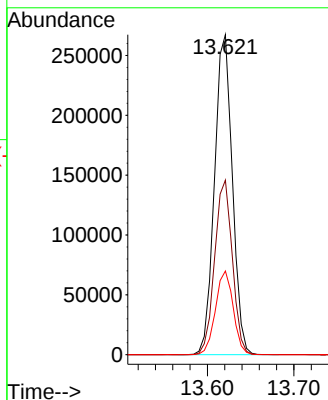
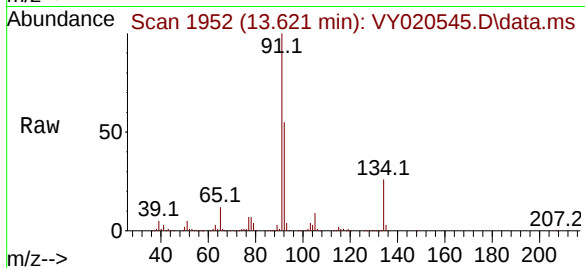
Tgt Ion: 91 Resp: 383174

Ion Ratio Lower Upper

91 100

92 54.0 26.5 79.5

134 26.0 12.2 36.4



#90

Hexachloroethane

Concen: 44.517 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020545.D

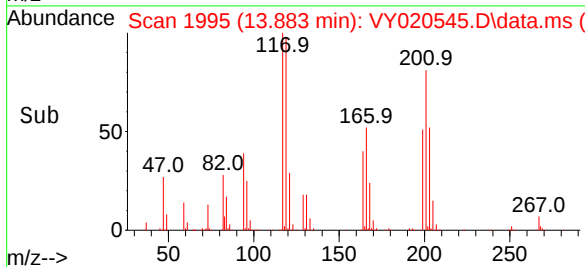
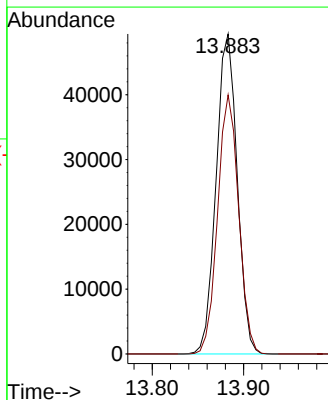
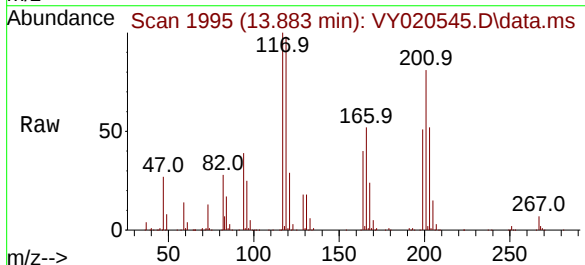
Acq: 09 Dec 2024 10:20

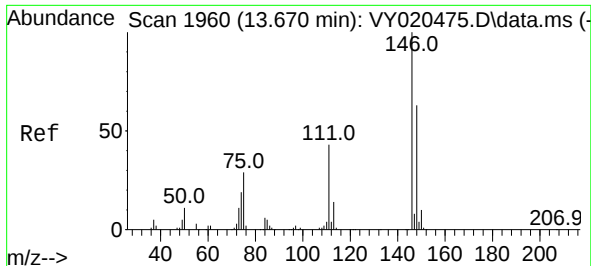
Tgt Ion:117 Resp: 79189

Ion Ratio Lower Upper

117 100

201 80.7 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 44.794 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.012 min

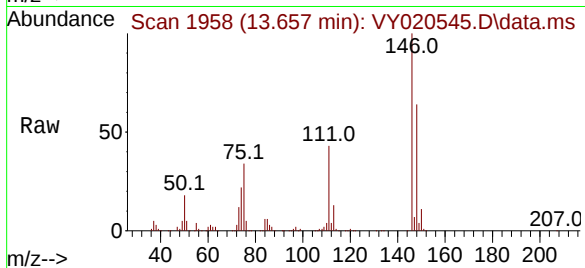
Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :



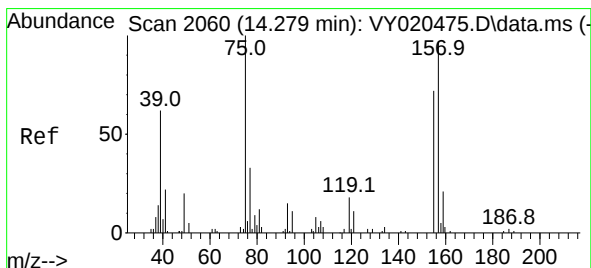
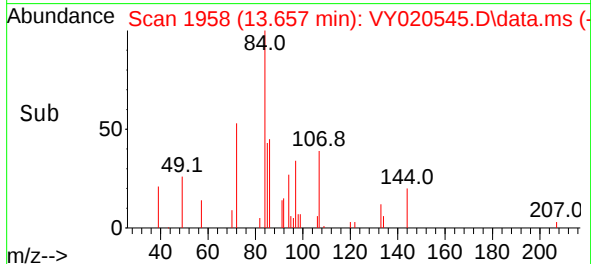
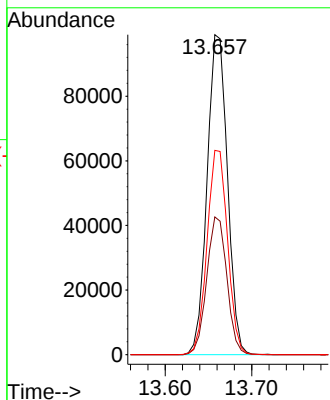
Tgt Ion:146 Resp: 161393

Ion Ratio Lower Upper

146 100

111 42.8 20.8 62.5

148 64.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.307 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

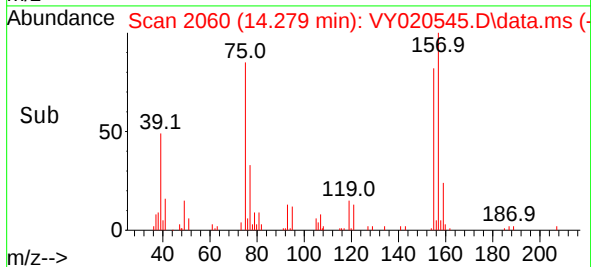
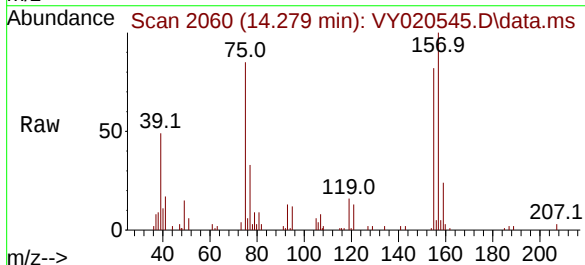
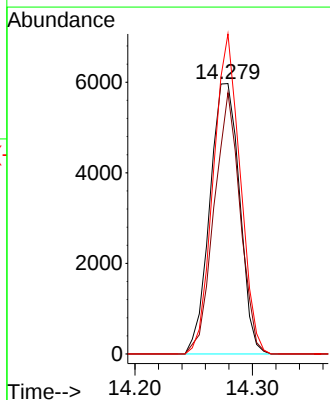
Tgt Ion: 75 Resp: 10493

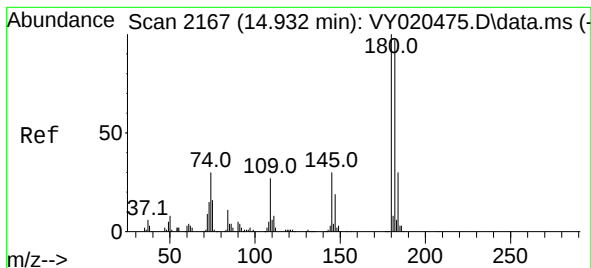
Ion Ratio Lower Upper

75 100

155 84.7 39.7 119.1

157 106.6 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 46.958 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

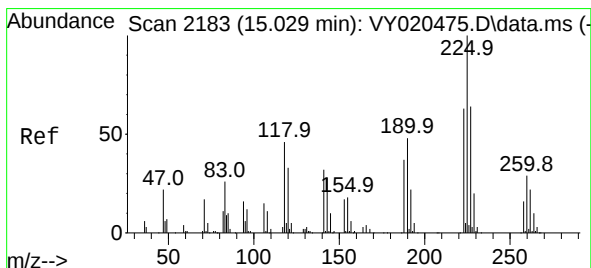
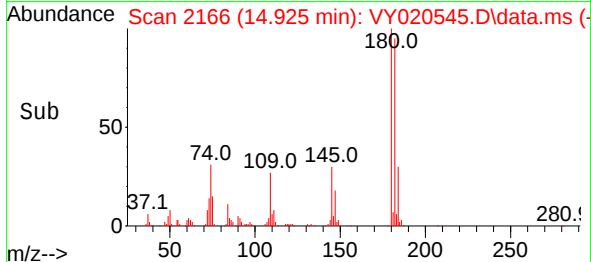
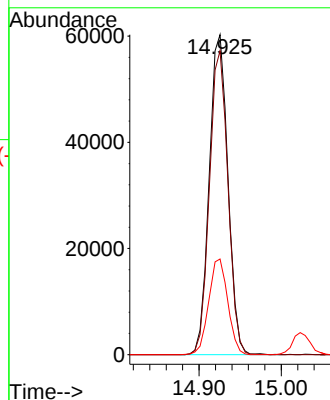
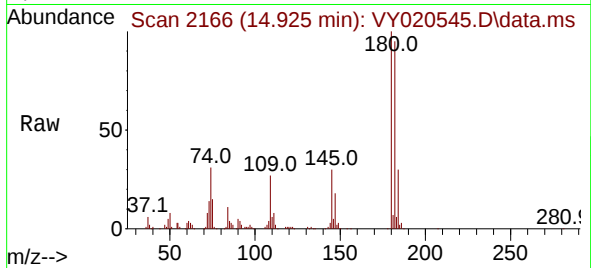
Tgt Ion:180 Resp: 95137

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.8

145 30.6 15.8 47.3



#94

Hexachlorobutadiene

Concen: 47.247 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

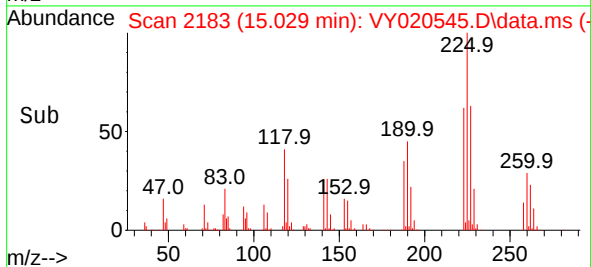
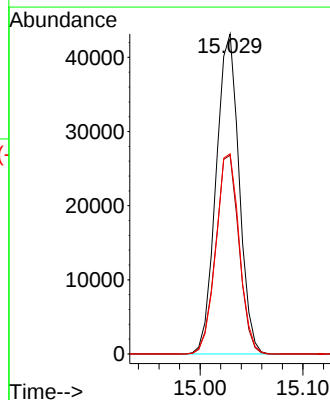
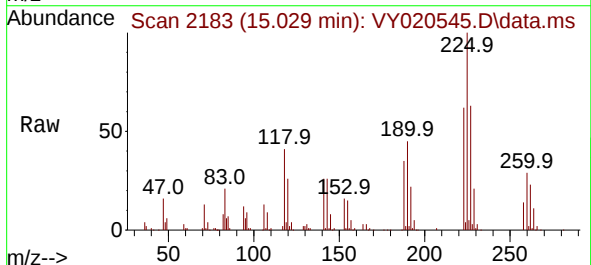
Tgt Ion:225 Resp: 66965

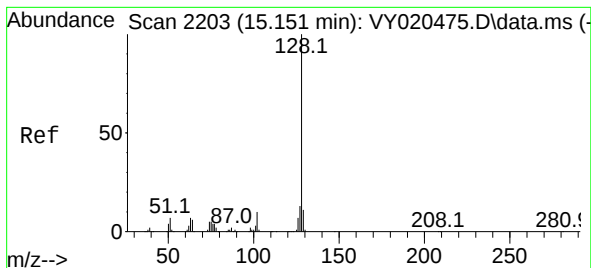
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.5

227 63.5 32.3 96.8





#95

Naphthalene

Concen: 46.889 ug/l

RT: 15.145 min Scan# 2203

Delta R.T. -0.006 min MSVOA_Y

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

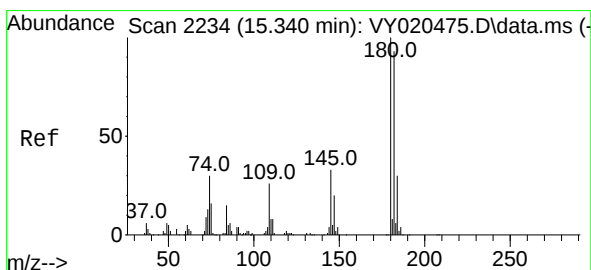
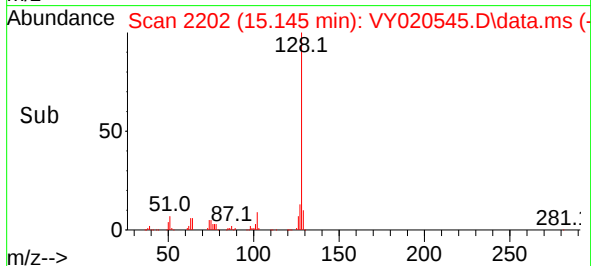
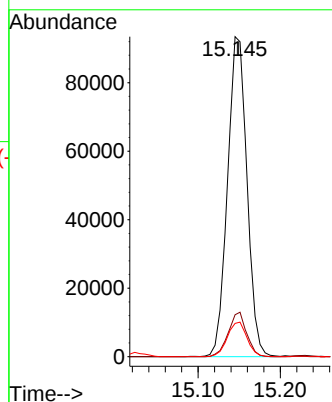
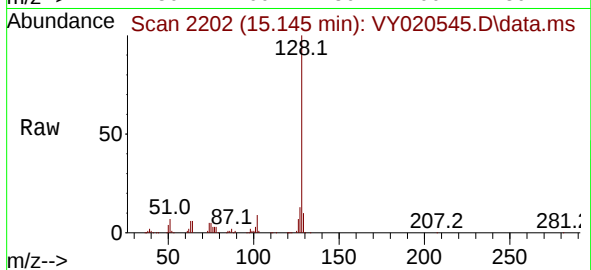
Tgt Ion:128 Resp: 153724

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.237 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020545.D

Acq: 09 Dec 2024 10:20

Tgt Ion:180 Resp: 75587

Ion Ratio Lower Upper

180 100

182 95.7 47.4 142.3

145 33.5 16.9 50.6

