

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020531.D
 Acq On : 06 Dec 2024 12:41
 Operator : SY/MD
 Sample : VY1206SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 03:23:54 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	7.713	168	134587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	216718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	188190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	95244	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	79787	58.291	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.580%	
35) Dibromofluoromethane	7.640	113	73989	54.231	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.460%	
50) Toluene-d8	10.109	98	273597	52.664	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.320%	
62) 4-Bromofluorobenzene	12.408	95	98798	54.374	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 108.740%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	24445	18.620	ug/l	98
3) Chloromethane	2.074	50	23637	17.783	ug/l	96
4) Vinyl Chloride	2.208	62	23998	17.707	ug/l	99
5) Bromomethane	2.598	94	14772	18.577	ug/l	97
6) Chloroethane	2.739	64	15389	18.526	ug/l	93
7) Trichlorofluoromethane	3.062	101	48899	19.265	ug/l	99
8) Diethyl Ether	3.464	74	15447	21.479	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	30208	20.425	ug/l	98
10) Methyl Iodide	4.013	142	32517	19.585	ug/l	94
11) Tert butyl alcohol	4.872	59	15753	177.416	ug/l	96
12) 1,1-Dichloroethene	3.793	96	27385	19.601	ug/l	87
13) Acrolein	3.659	56	10013	120.447	ug/l	98
14) Allyl chloride	4.391	41	48908	19.628	ug/l	97
15) Acrylonitrile	5.068	53	36422	121.547	ug/l	98
16) Acetone	3.879	43	35353	103.875	ug/l	100
17) Carbon Disulfide	4.116	76	65454	16.369	ug/l	98
18) Methyl Acetate	4.391	43	18751	25.922	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	83268	23.338	ug/l	98
20) Methylene Chloride	4.629	84	32597	22.515	ug/l	89
21) trans-1,2-Dichloroethene	5.122	96	30793	19.844	ug/l	96
22) Diisopropyl ether	6.025	45	109452	22.089	ug/l	95
23) Vinyl Acetate	5.970	43	299658	114.336	ug/l	98
24) 1,1-Dichloroethane	5.927	63	62081	20.811	ug/l	99
25) 2-Butanone	6.903	43	50930	118.507	ug/l	93
26) 2,2-Dichloropropane	6.890	77	56550	20.043	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	38333	21.155	ug/l	99
28) Bromochloromethane	7.250	49	22798	20.465	ug/l	92
29) Tetrahydrofuran	7.268	42	30954	126.253	ug/l	98
30) Chloroform	7.427	83	66805	21.820	ug/l	93
31) Cyclohexane	7.713	56	50105	18.579	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	60886	20.653	ug/l	97
36) 1,1-Dichloropropene	7.841	75	43892	19.051	ug/l	99
37) Ethyl Acetate	6.994	43	23296	25.522	ug/l	98
38) Carbon Tetrachloride	7.823	117	56002	20.366	ug/l	97
39) Methylcyclohexane	9.109	83	52335	18.305	ug/l	98
40) Benzene	8.085	78	138789	20.431	ug/l	99

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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 03:23:54 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)
41) Methacrylonitrile	7.232	41	11251	21.683	ug/l	91
42) 1,2-Dichloroethane	8.165	62	40231	22.539	ug/l	99
43) Isopropyl Acetate	8.201	43	44952	24.388	ug/l #	89
44) Trichloroethene	8.872	130	34238	20.445	ug/l	93
45) 1,2-Dichloropropane	9.146	63	33168	20.865	ug/l	100
46) Dibromomethane	9.238	93	18096	22.992	ug/l	98
47) Bromodichloromethane	9.427	83	50849	21.928	ug/l	99
48) Methyl methacrylate	9.225	41	20041	23.317	ug/l	95
49) 1,4-Dioxane	9.244	88	4051	538.470	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	117388	128.963	ug/l	99
52) Toluene	10.176	92	87463	20.636	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	46206	22.195	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	52543	21.356	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	24721	23.546	ug/l	98
56) Ethyl methacrylate	10.445	69	35228	23.714	ug/l	96
57) 1,3-Dichloropropane	10.719	76	43454	23.113	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	76789	110.400	ug/l	95
59) 2-Hexanone	10.762	43	77590	118.159	ug/l	97
60) Dibromochloromethane	10.914	129	34067	23.306	ug/l	100
61) 1,2-Dibromoethane	11.018	107	22160	23.080	ug/l	99
64) Tetrachloroethene	10.652	164	32600	20.501	ug/l	97
65) Chlorobenzene	11.444	112	97707	20.713	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	35174	21.026	ug/l	98
67) Ethyl Benzene	11.524	91	174491	19.735	ug/l	98
68) m/p-Xylenes	11.633	106	129146	39.889	ug/l	100
69) o-Xylene	11.957	106	61830	20.385	ug/l	99
70) Styrene	11.975	104	105375	20.824	ug/l	100
71) Bromoform	12.133	173	19816	23.298	ug/l #	99
73) Isopropylbenzene	12.255	105	172217	18.688	ug/l	100
74) N-amyl acetate	12.072	43	38851	21.510	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	27870	21.030	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	37927	39.090	ug/l #	100
77) Bromobenzene	12.536	156	37099	19.440	ug/l	98
78) n-propylbenzene	12.597	91	203159	18.620	ug/l	100
79) 2-Chlorotoluene	12.682	91	116944	18.995	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	140315	19.000	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	9880	20.894	ug/l	93
82) 4-Chlorotoluene	12.780	91	120924	19.247	ug/l	100
83) tert-Butylbenzene	12.999	119	128580	19.258	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	136970	19.082	ug/l	99
85) sec-Butylbenzene	13.182	105	181819	19.002	ug/l	100
86) p-Isopropyltoluene	13.298	119	153436	19.405	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	75324	20.466	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	73224	20.323	ug/l	98
89) n-Butylbenzene	13.621	91	141722	19.325	ug/l	98
90) Hexachloroethane	13.883	117	30293	19.658	ug/l	95
91) 1,2-Dichlorobenzene	13.664	146	65386	20.949	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4652	23.188	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	38560	21.971	ug/l	99
94) Hexachlorobutadiene	15.029	225	25000	20.362	ug/l	96
95) Naphthalene	15.151	128	67091	23.623	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	32867	23.209	ug/l	97

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Sample : VY1206SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

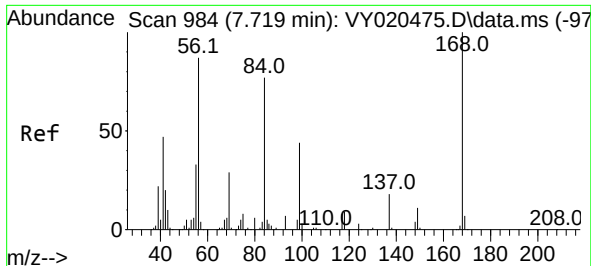
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Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

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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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

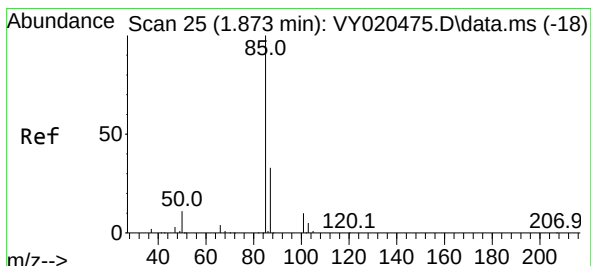
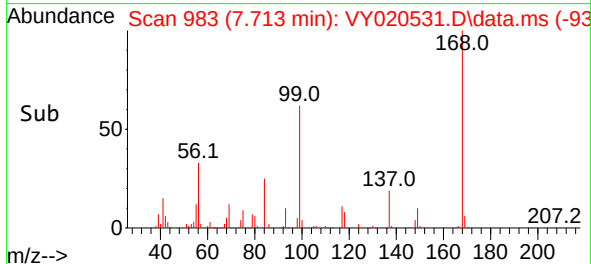
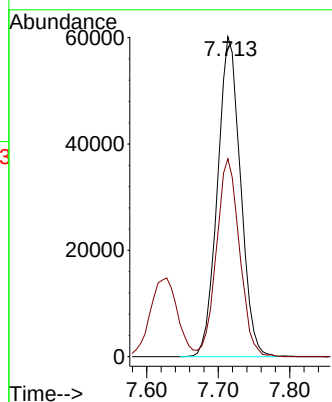
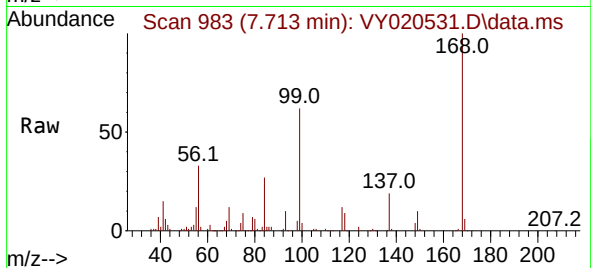




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

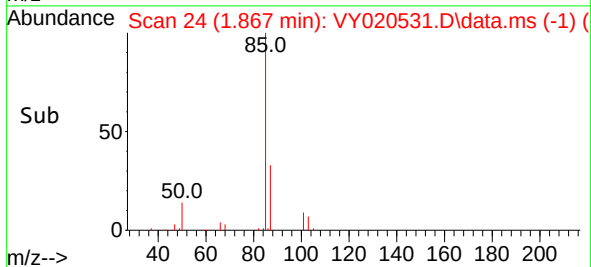
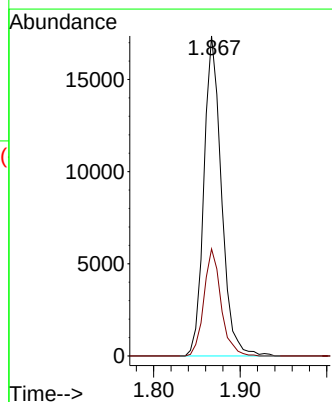
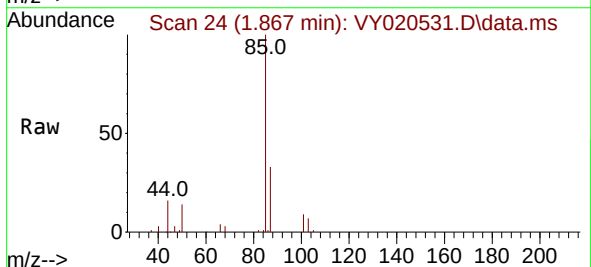
Instrument :
MSVOA_Y
ClientSampleId :

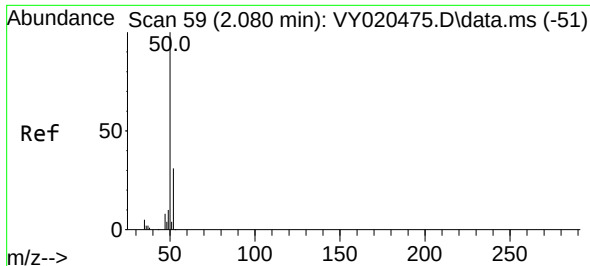
Tgt Ion:168 Resp: 134587
Ion Ratio Lower Upper
168 100
99 61.8 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 18.620 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Tgt Ion: 85 Resp: 24445
Ion Ratio Lower Upper
85 100
87 33.5 16.1 48.2

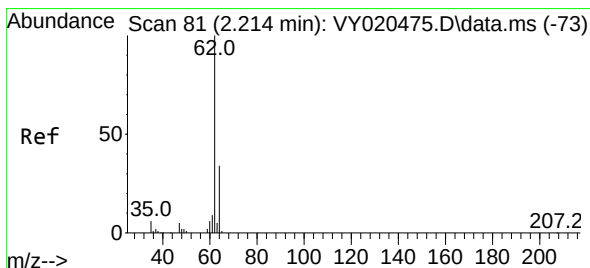
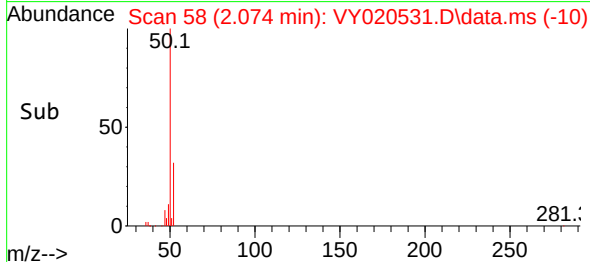
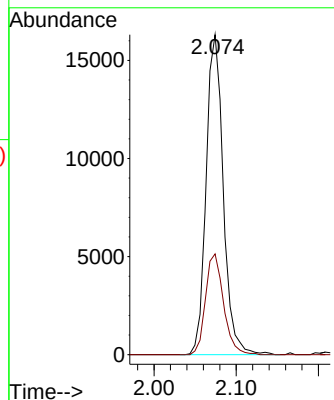
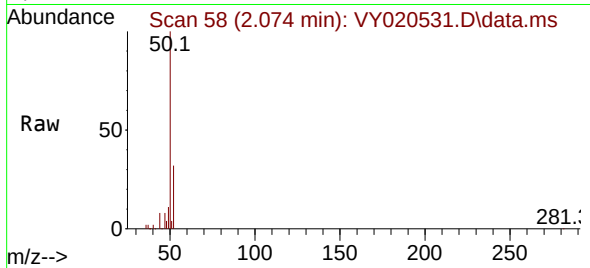




#3
Chloromethane
Concen: 17.783 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

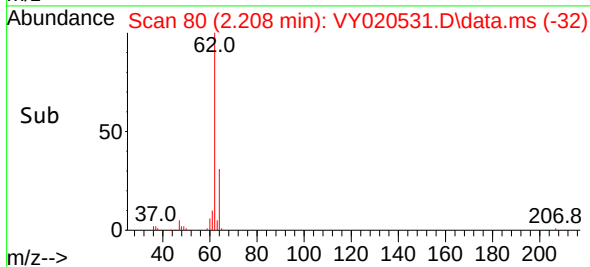
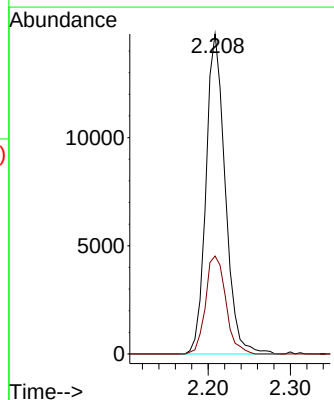
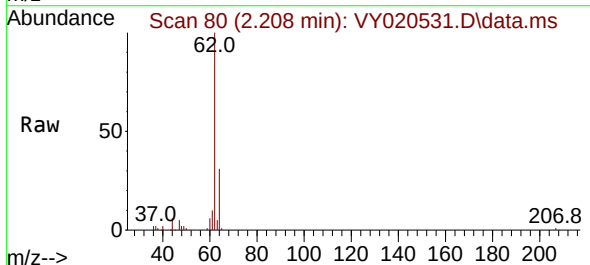
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ClientSampleId :

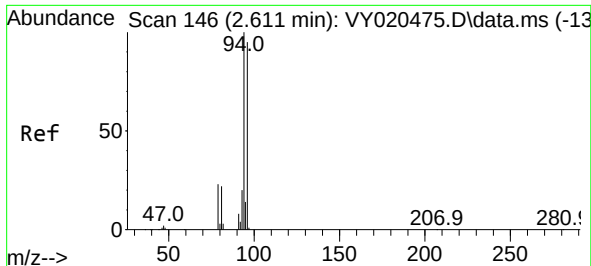
Tgt Ion: 50 Resp: 23637
Ion Ratio Lower Upper
50 100
52 31.5 26.9 40.3



#4
Vinyl Chloride
Concen: 17.707 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Tgt Ion: 62 Resp: 23998
Ion Ratio Lower Upper
62 100
64 30.6 24.7 37.1

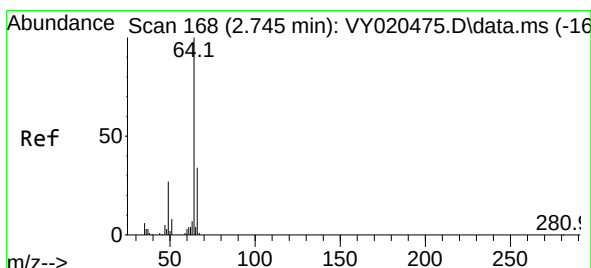
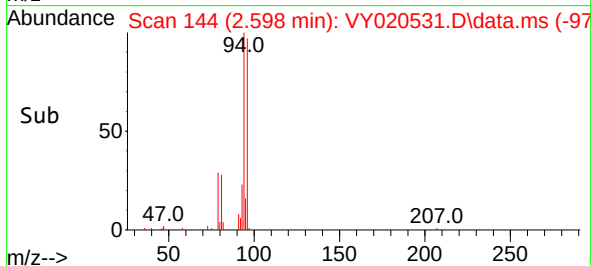
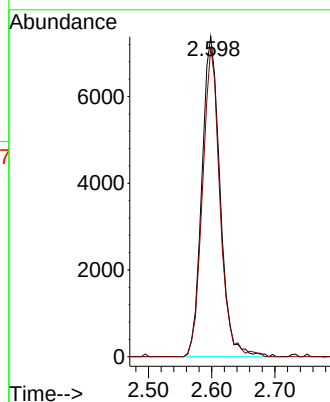
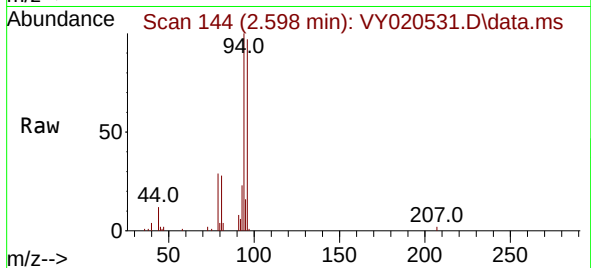




#5
Bromomethane
Concen: 18.577 ug/l
RT: 2.598 min Scan# 146
Delta R.T. -0.012 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

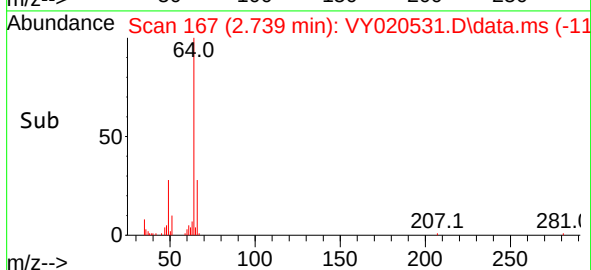
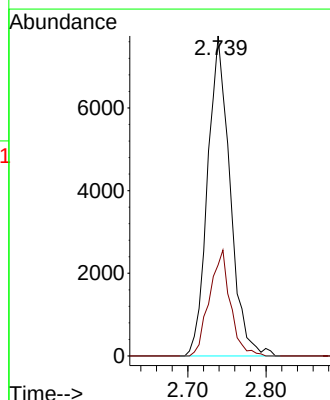
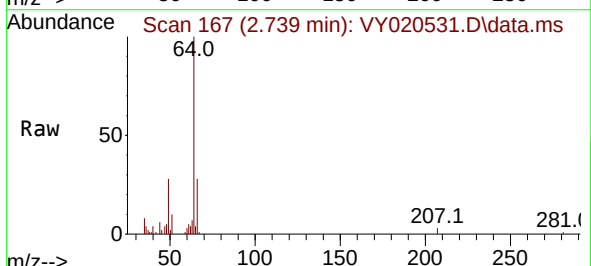
Instrument :
MSVOA_Y
ClientSampleId :

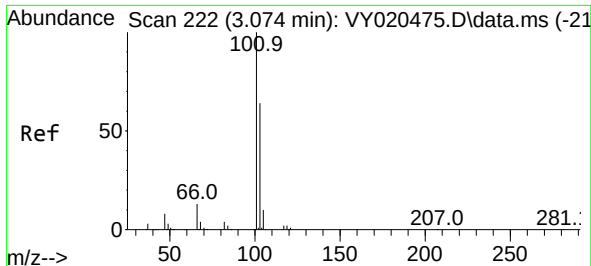
Tgt Ion: 94 Resp: 14772
Ion Ratio Lower Upper
94 100
96 96.7 75.4 113.2



#6
Chloroethane
Concen: 18.526 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

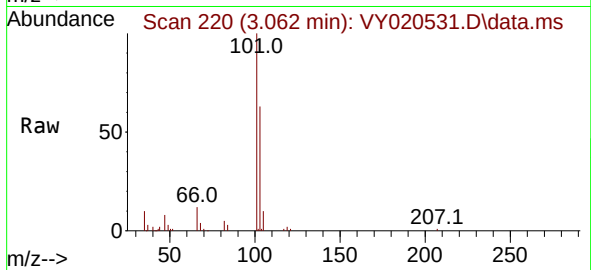
Tgt Ion: 64 Resp: 15389
Ion Ratio Lower Upper
64 100
66 28.4 25.7 38.5



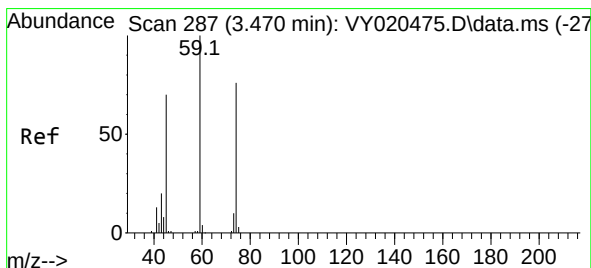
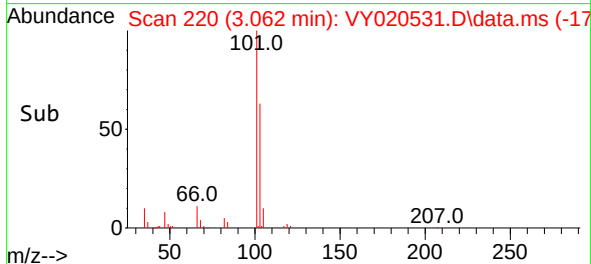
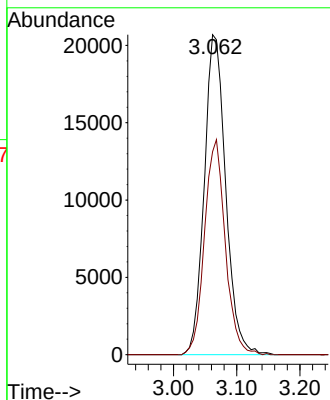


#7
 Trichlorofluoromethane
 Concen: 19.265 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY020531.D
 Acq: 06 Dec 2024 12:41

Instrument :
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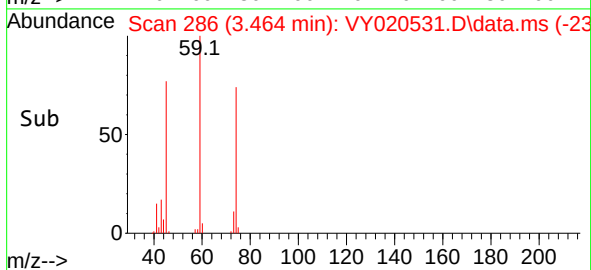
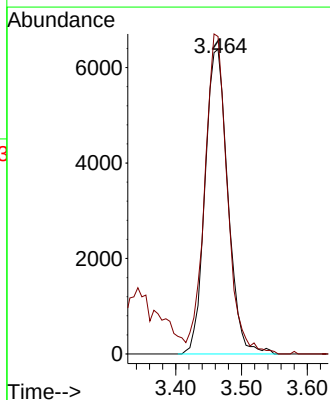
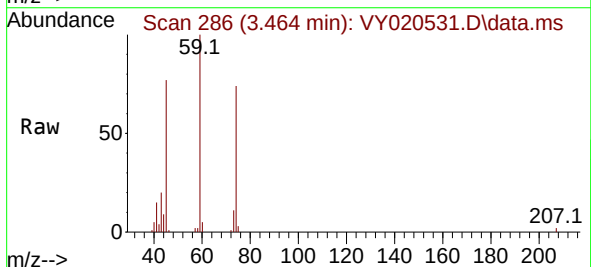


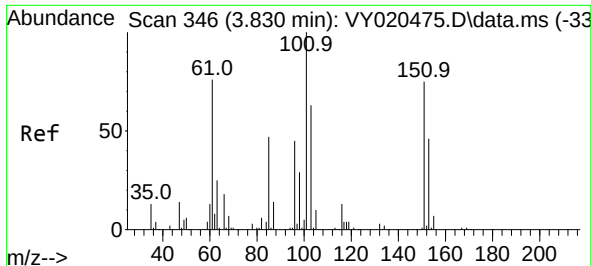
Tgt Ion:101 Resp: 48899
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.5 77.3



#8
 Diethyl Ether
 Concen: 21.479 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.006 min
 Lab File: VY020531.D
 Acq: 06 Dec 2024 12:41

Tgt Ion: 74 Resp: 15447
 Ion Ratio Lower Upper
 74 100
 45 103.9 53.6 160.8

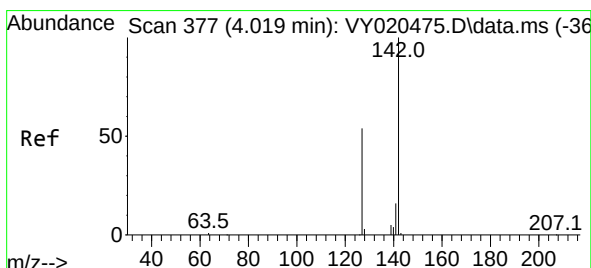
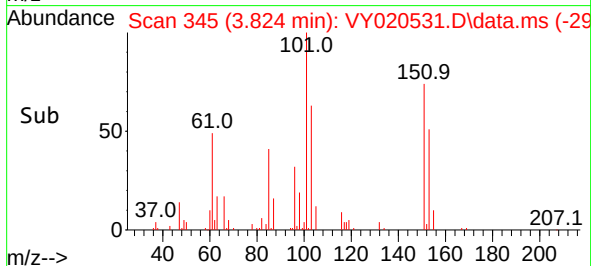
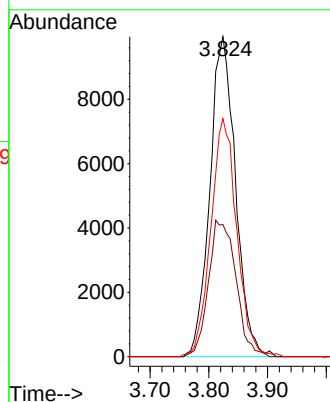
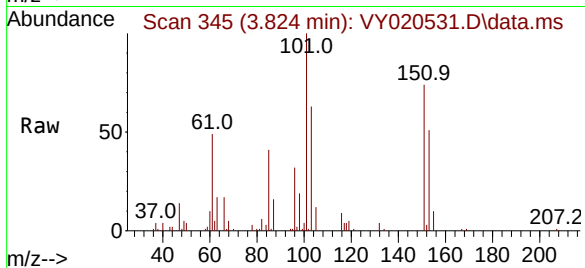




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.425 ug/l
RT: 3.824 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY020531.D
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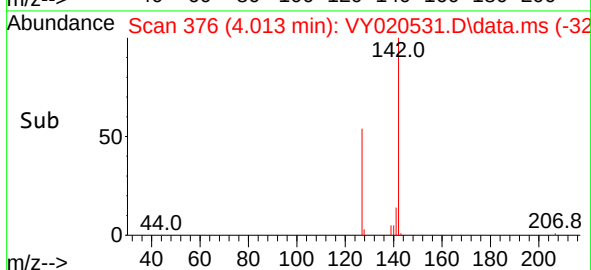
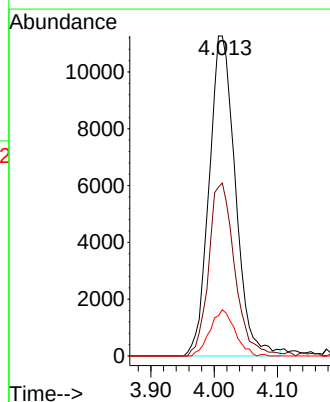
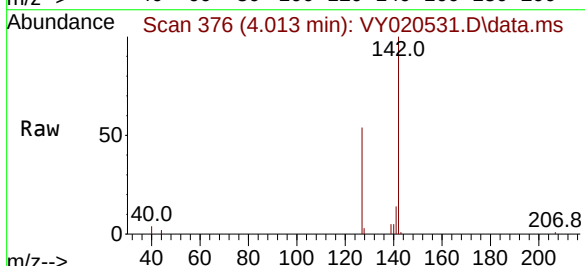
Instrument :
MSVOA_Y
ClientSampleId :

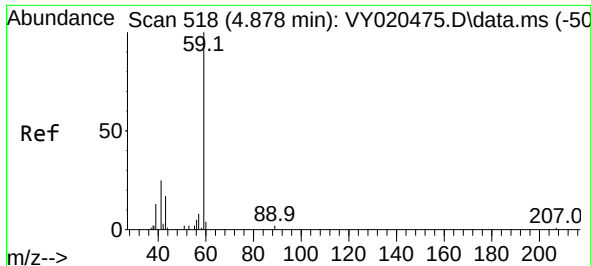
Tgt Ion:101 Resp: 30208
Ion Ratio Lower Upper
101 100
85 45.4 38.0 57.0
151 75.1 59.6 89.4



#10
Methyl Iodide
Concen: 19.585 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

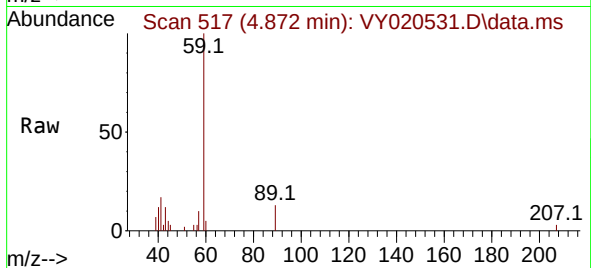
Tgt Ion:142 Resp: 32517
Ion Ratio Lower Upper
142 100
127 53.5 38.9 58.3
141 13.6 11.7 17.5



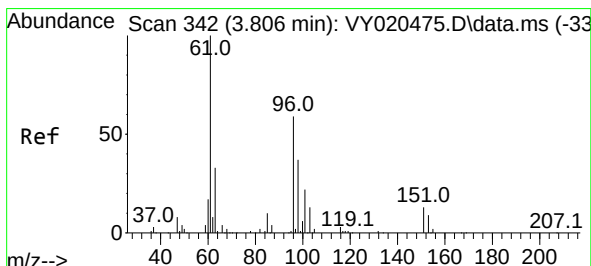
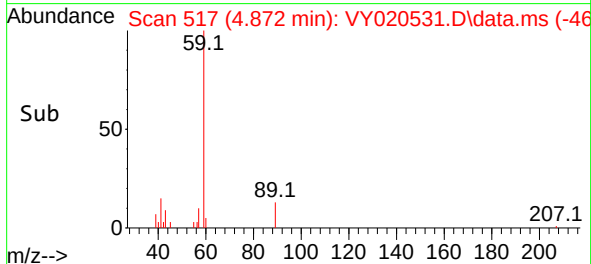
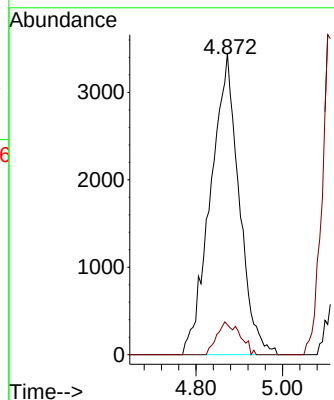


#11
Tert butyl alcohol
Concen: 177.416 ug/l
RT: 4.872 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Instrument :
MSVOA_Y
ClientSampleId :

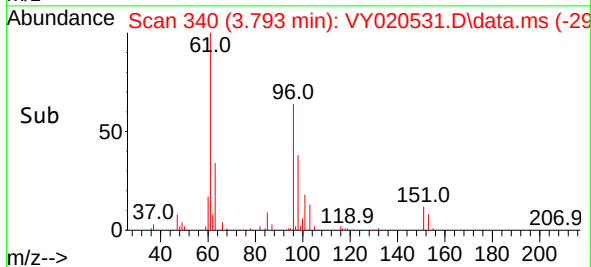
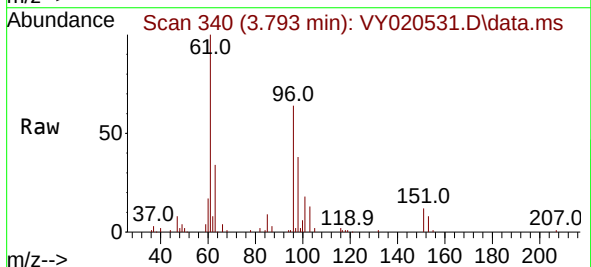
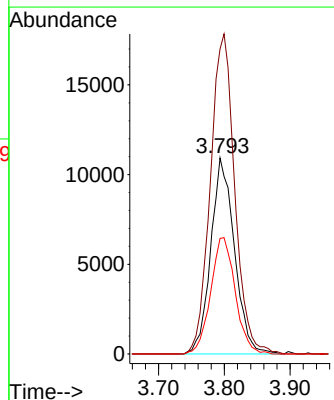


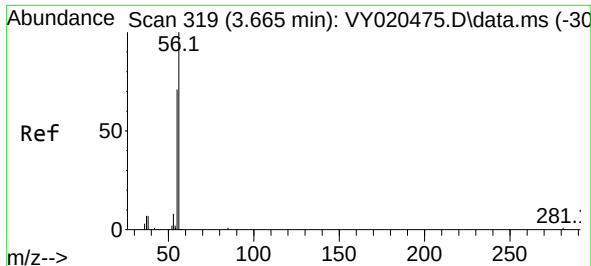
Tgt Ion: 59 Resp: 15753
Ion Ratio Lower Upper
59 100
57 8.7 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.601 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.012 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Tgt Ion: 96 Resp: 27385
Ion Ratio Lower Upper
96 100
61 155.6 143.3 214.9
98 59.0 49.8 74.8

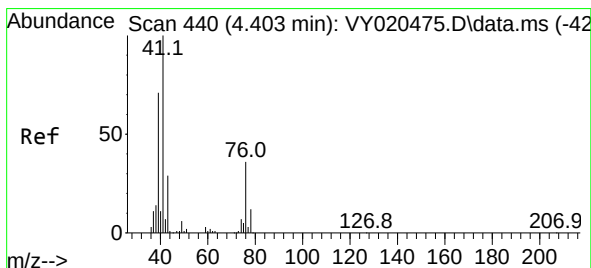
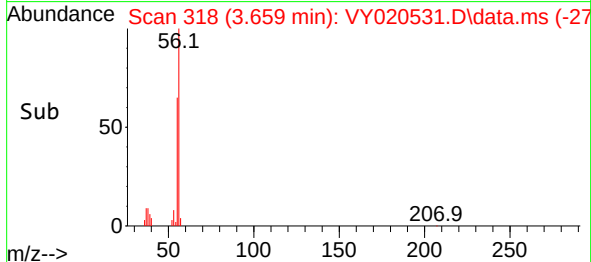
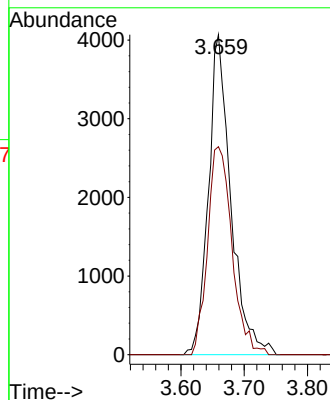
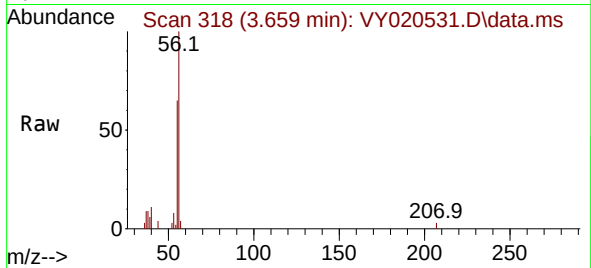




#13
Acrolein
Concen: 120.447 ug/l
RT: 3.659 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

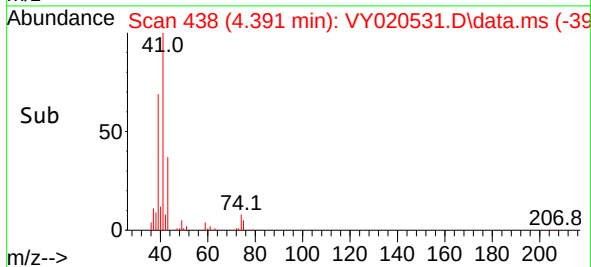
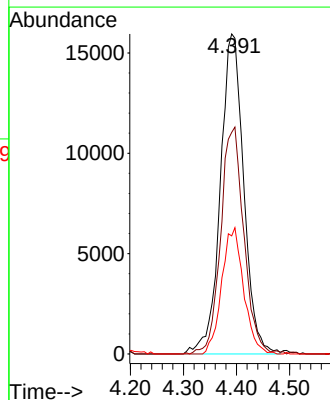
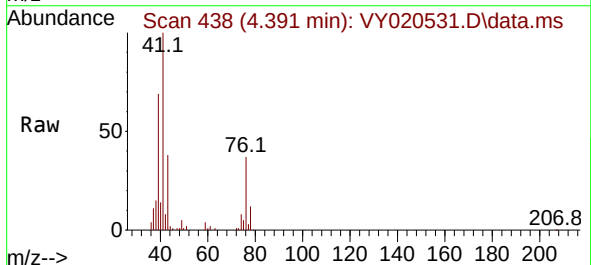
Instrument :
MSVOA_Y
ClientSampleId :

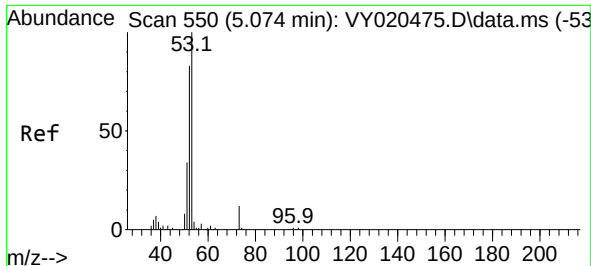
Tgt Ion: 56 Resp: 10013
Ion Ratio Lower Upper
56 100
55 70.8 57.7 86.5



#14
Allyl chloride
Concen: 19.628 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.012 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

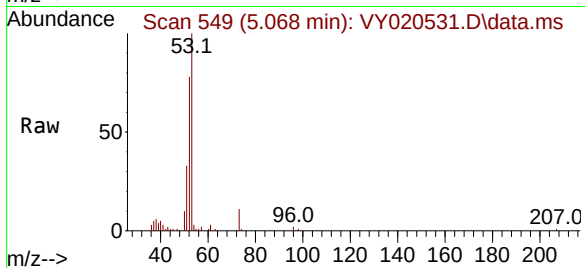
Tgt Ion: 41 Resp: 48908
Ion Ratio Lower Upper
41 100
39 70.2 58.8 88.2
76 37.0 29.7 44.5



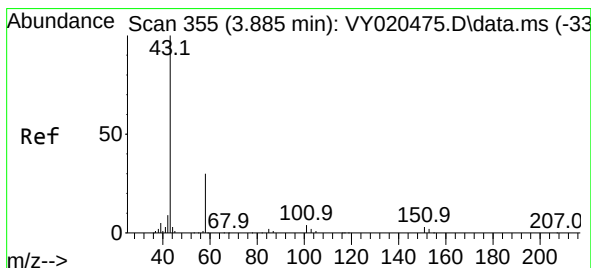
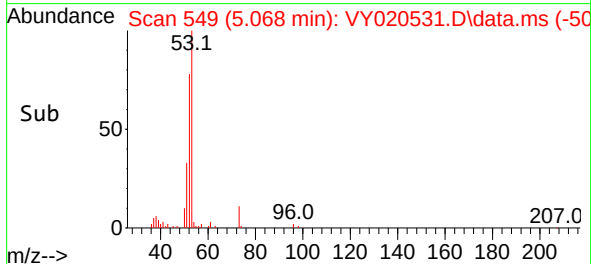
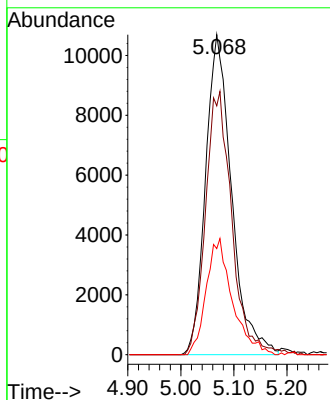


#15
Acrylonitrile
Concen: 121.547 ug/l
RT: 5.068 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Instrument :
MSVOA_Y
ClientSampleId :

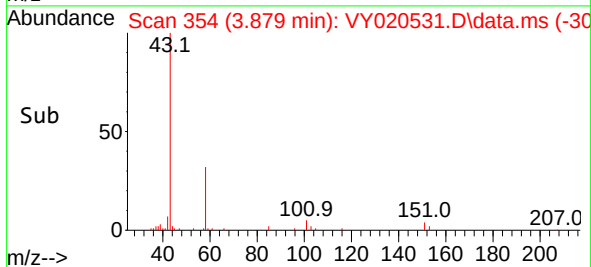
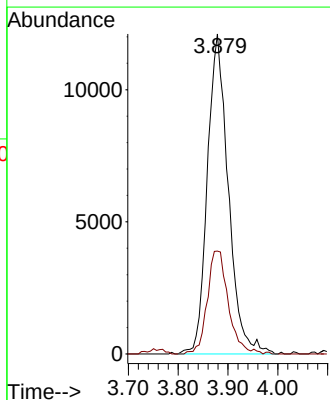
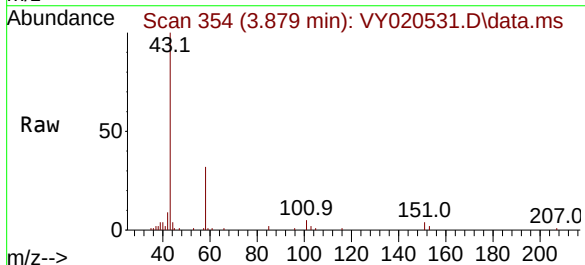


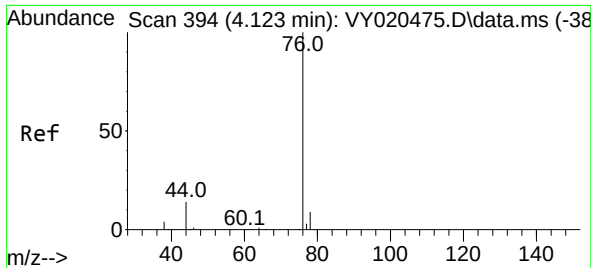
Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.2	97.8
51	36.5	30.2	45.4



#16
Acetone
Concen: 103.875 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.7	38.5





#17

Carbon Disulfide

Concen: 16.369 ug/l

RT: 4.116 min Scan# 394

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

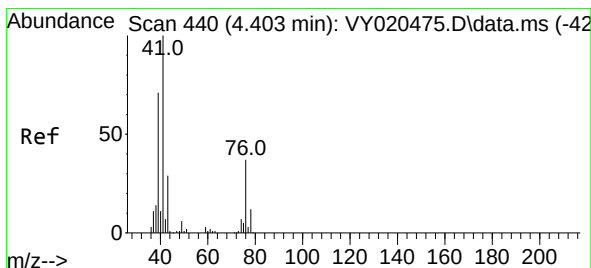
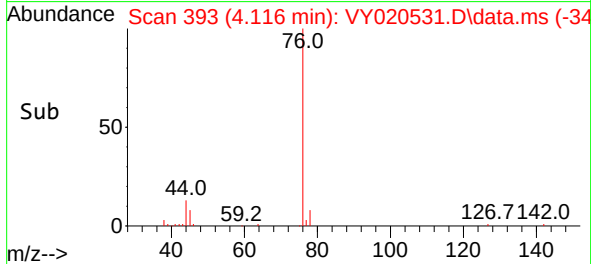
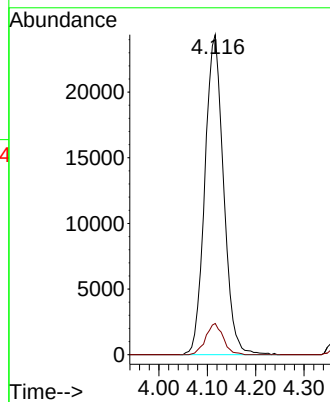
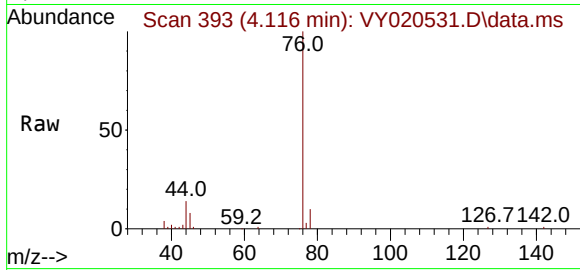
ClientSampleId :

Tgt Ion: 76 Resp: 65454

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9



#18

Methyl Acetate

Concen: 25.922 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.012 min

Lab File: VY020531.D

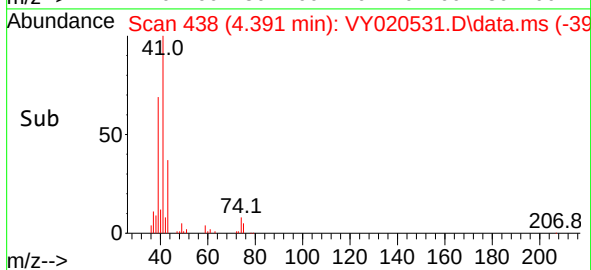
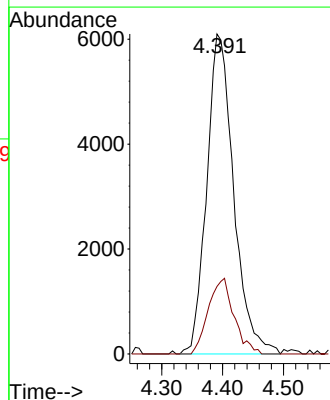
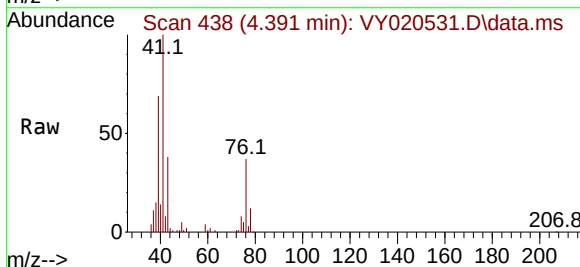
Acq: 06 Dec 2024 12:41

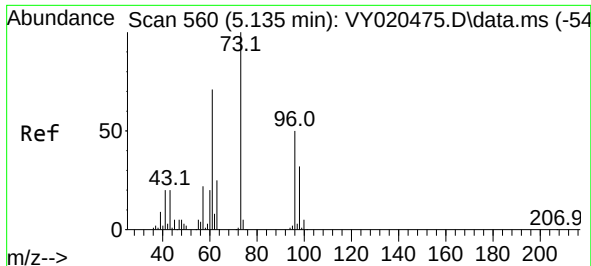
Tgt Ion: 43 Resp: 18751

Ion Ratio Lower Upper

43 100

74 22.5 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 23.338 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

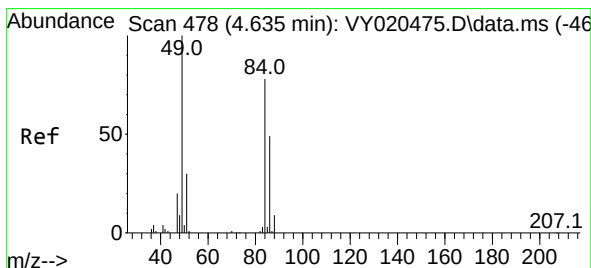
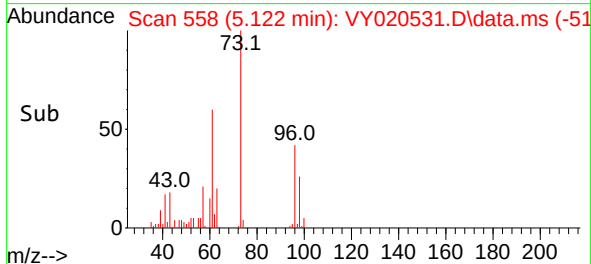
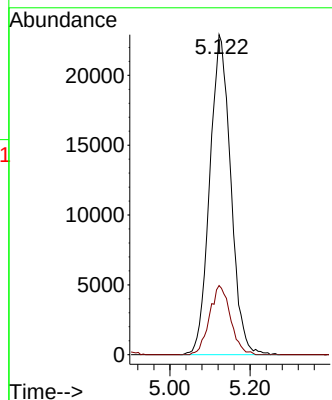
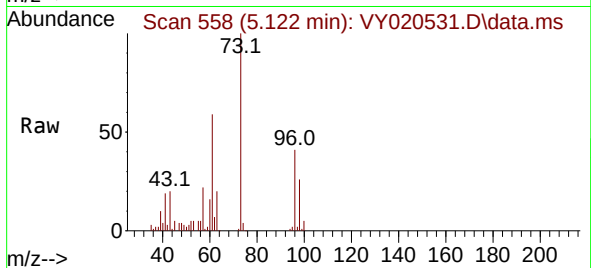
ClientSampleId :

Tgt Ion: 73 Resp: 83268

Ion Ratio Lower Upper

73 100

57 21.6 18.0 27.0



#20

Methylene Chloride

Concen: 22.515 ug/l

RT: 4.629 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Tgt Ion: 84 Resp: 32597

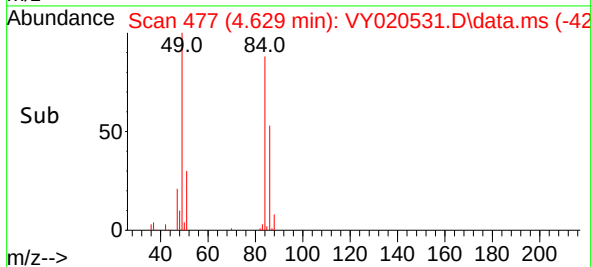
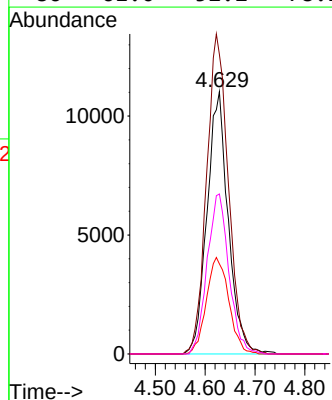
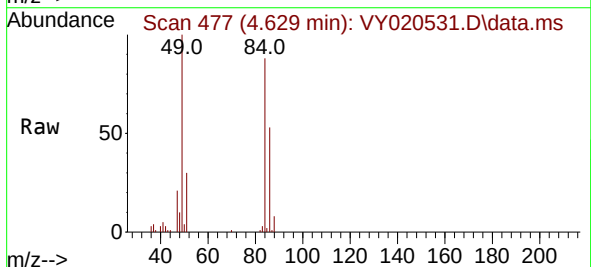
Ion Ratio Lower Upper

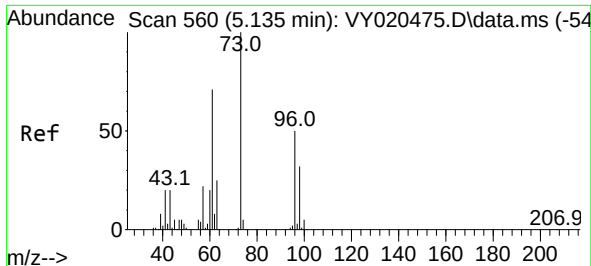
84 100

49 114.2 104.7 157.1

51 34.3 33.4 50.0

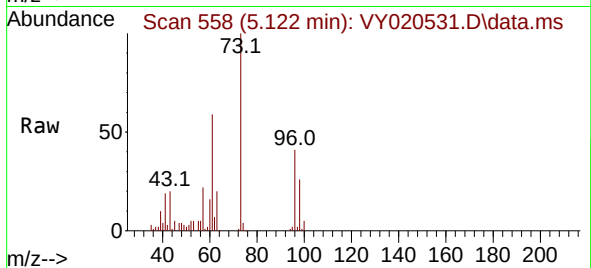
86 61.0 52.2 78.2



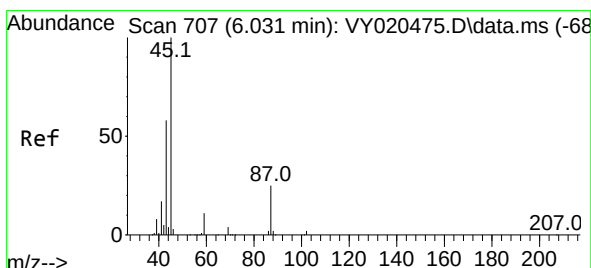
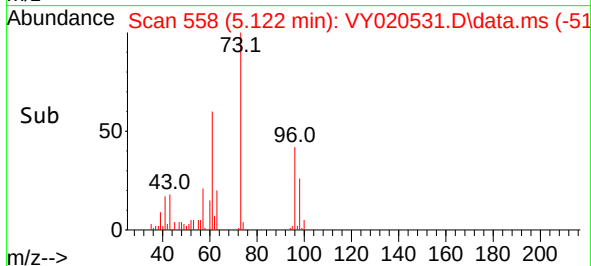
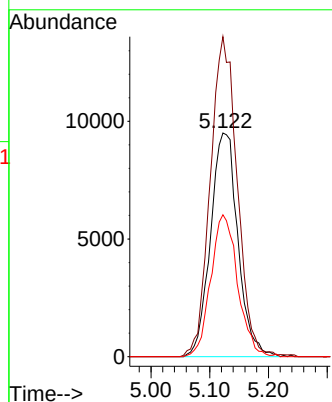


#21
trans-1,2-Dichloroethene
Concen: 19.844 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Instrument :
MSVOA_Y
ClientSampleId :

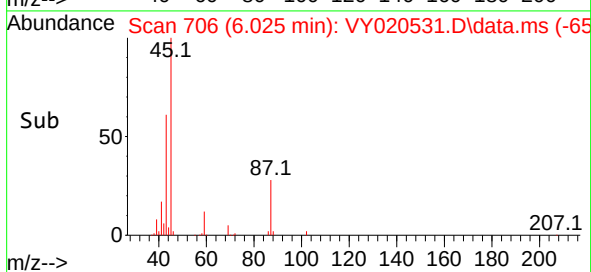
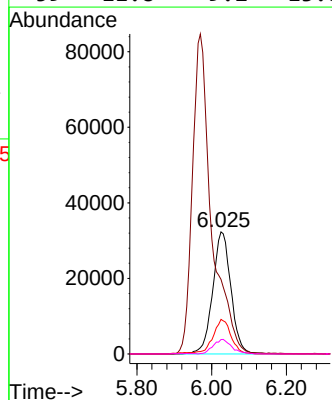
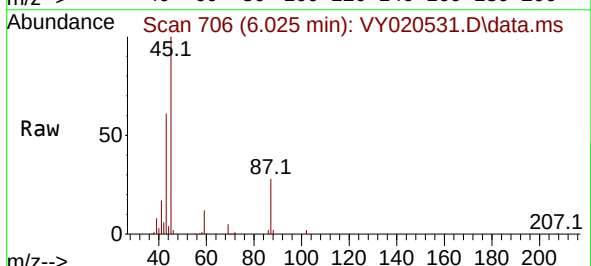


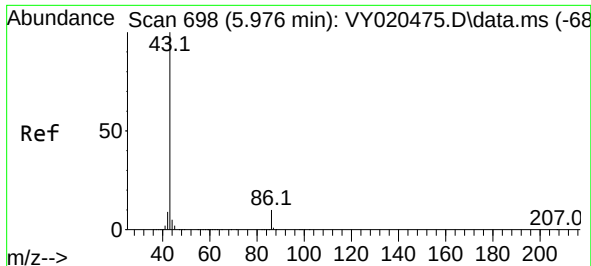
Tgt Ion: 96 Resp: 30793
Ion Ratio Lower Upper
96 100
61 143.1 111.6 167.4
98 63.4 46.7 70.1



#22
Diisopropyl ether
Concen: 22.089 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Tgt Ion: 45 Resp: 109452
Ion Ratio Lower Upper
45 100
43 60.5 44.8 67.2
87 28.4 20.6 30.8
59 11.8 9.2 13.8

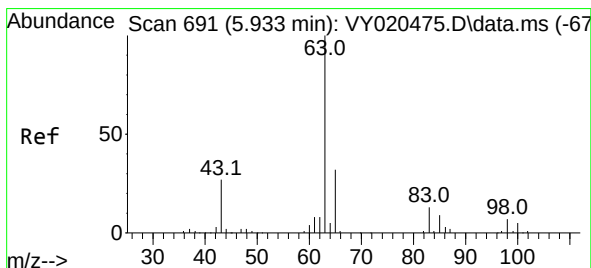
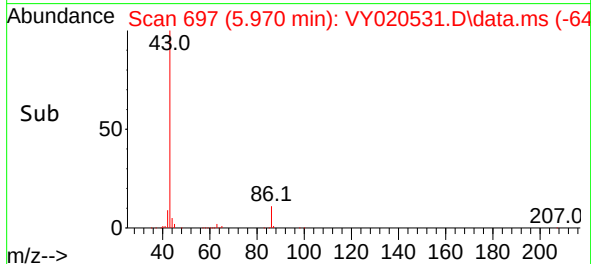
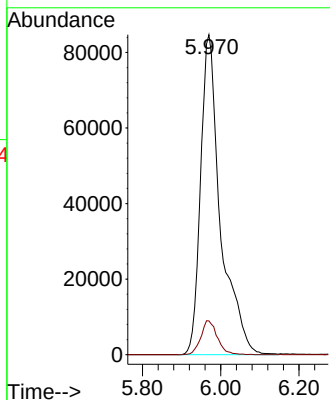
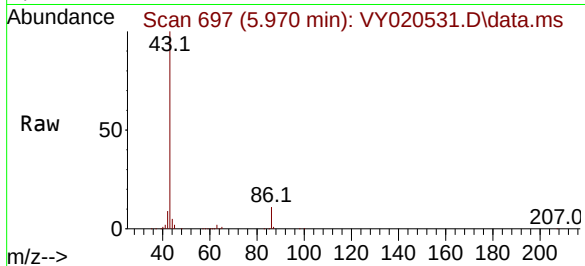




#23
 Vinyl Acetate
 Concen: 114.336 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY020531.D
 Acq: 06 Dec 2024 12:41

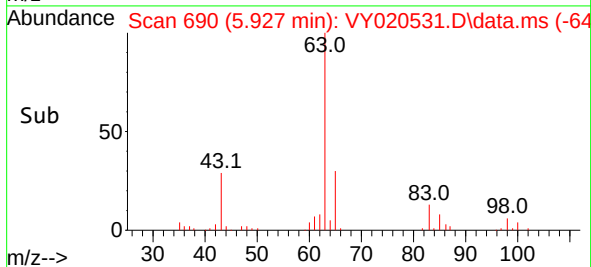
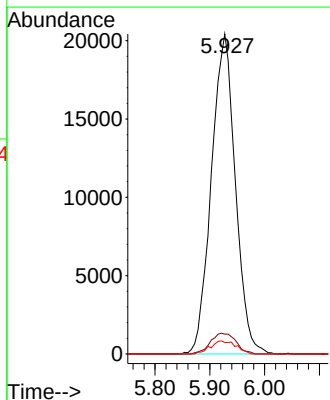
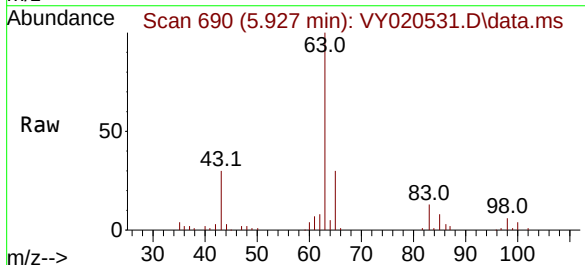
Instrument :
 MSVOA_Y
 ClientSampleId :

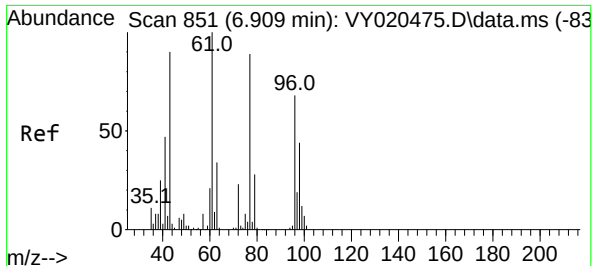
Tgt Ion: 43 Resp: 299658
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 20.811 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY020531.D
 Acq: 06 Dec 2024 12:41

Tgt Ion: 63 Resp: 62081
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.1
 100 3.6 2.0 5.8





#25

2-Butanone

Concen: 118.507 ug/l

RT: 6.903 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

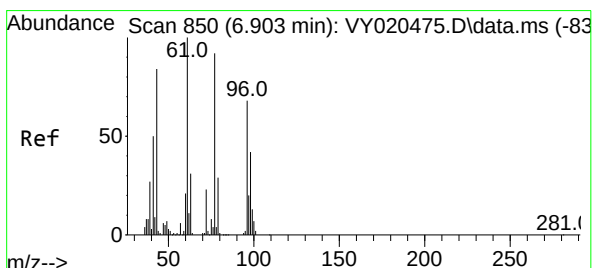
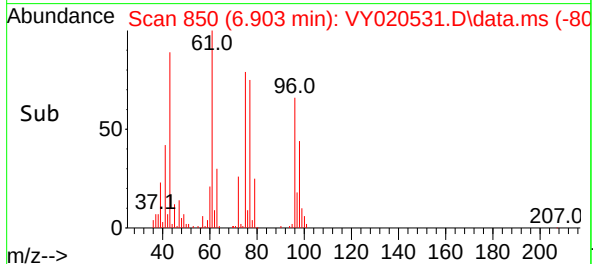
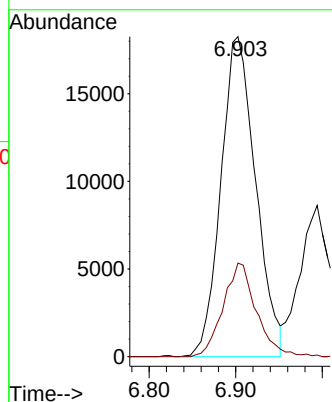
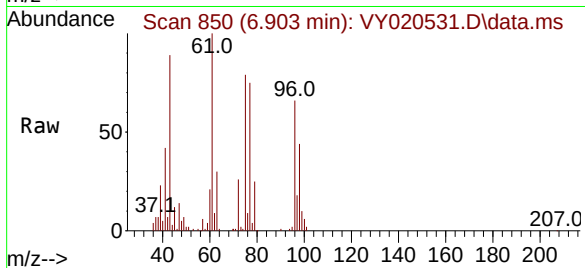
ClientSampleId :

Tgt Ion: 43 Resp: 50930

Ion Ratio Lower Upper

43 100

72 29.2 20.4 30.6



#26

2,2-Dichloropropane

Concen: 20.043 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY020531.D

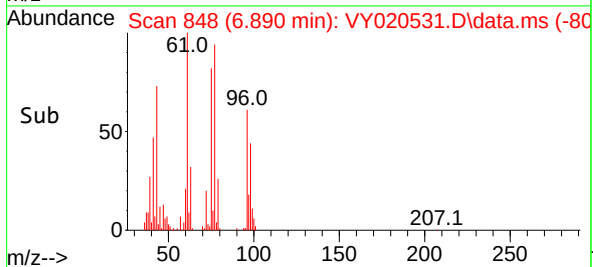
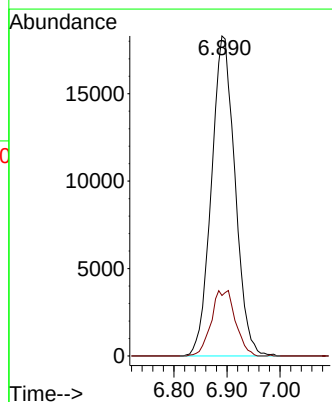
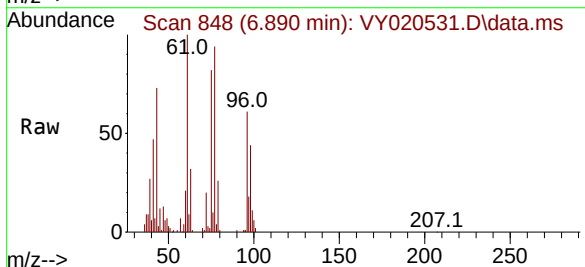
Acq: 06 Dec 2024 12:41

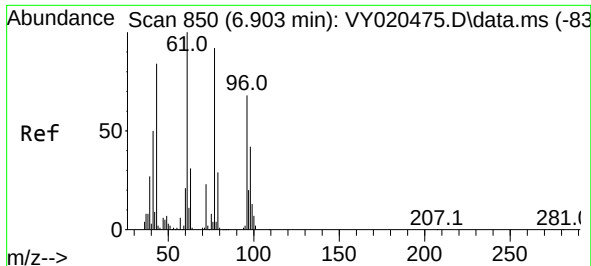
Tgt Ion: 77 Resp: 56550

Ion Ratio Lower Upper

77 100

97 21.0 10.9 32.7

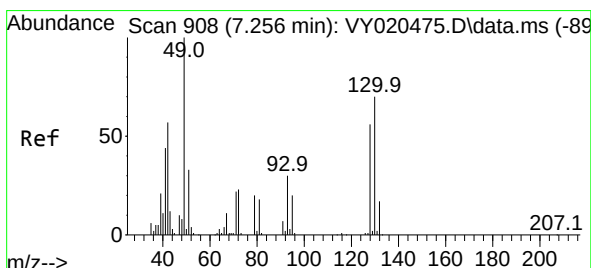
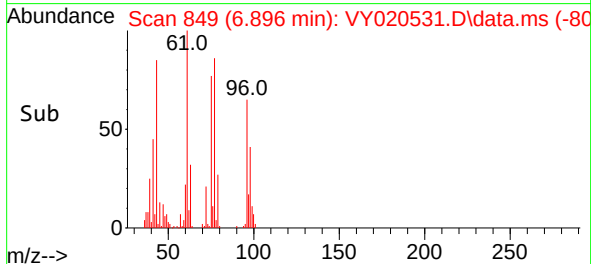
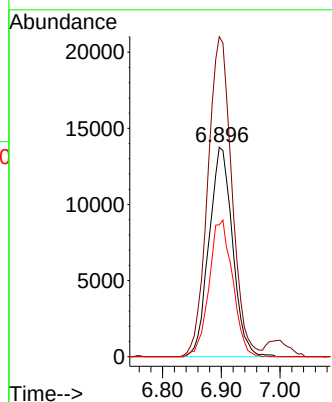
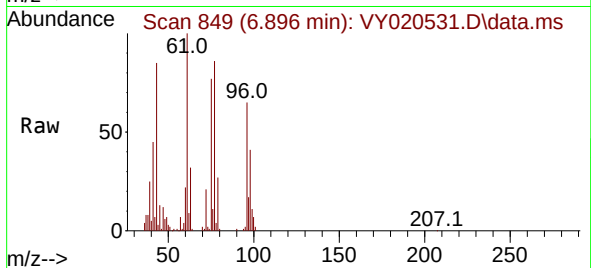




#27
 cis-1,2-Dichloroethene
 Concen: 21.155 ug/l
 RT: 6.896 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VY020531.D
 Acq: 06 Dec 2024 12:41

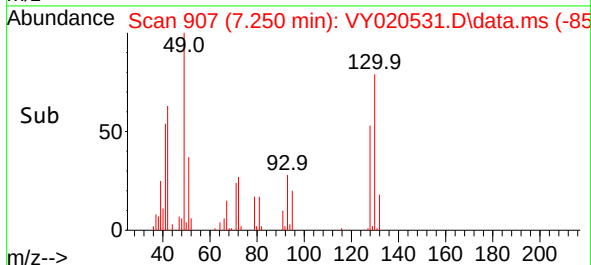
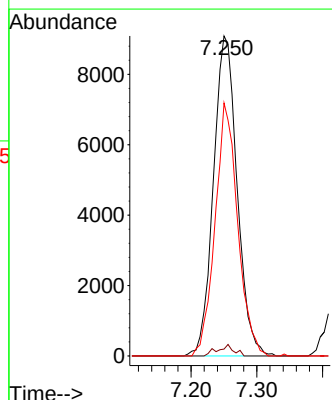
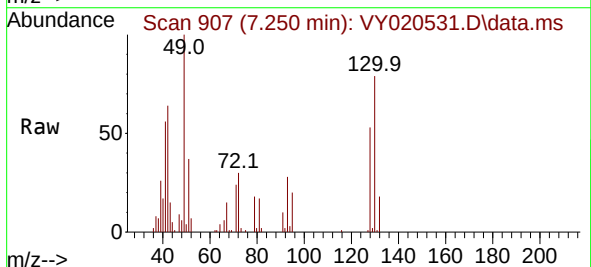
Instrument :
 MSVOA_Y
 ClientSampleId :

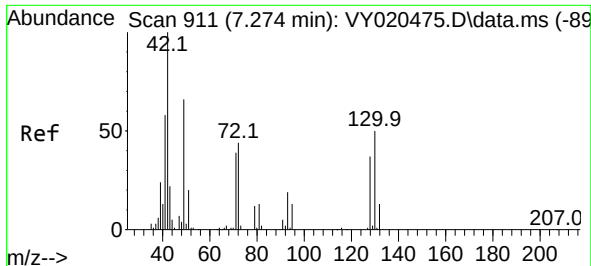
Tgt Ion: 96 Resp: 38333
 Ion Ratio Lower Upper
 96 100
 61 156.5 0.0 312.4
 98 65.2 0.0 126.8



#28
 Bromochloromethane
 Concen: 20.465 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: VY020531.D
 Acq: 06 Dec 2024 12:41

Tgt Ion: 49 Resp: 22798
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.0
 130 75.5 55.0 82.6





#29

Tetrahydrofuran

Concen: 126.253 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.006 min

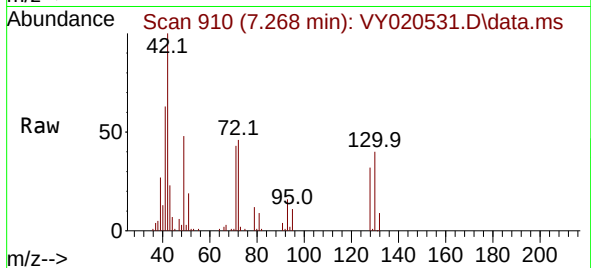
Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

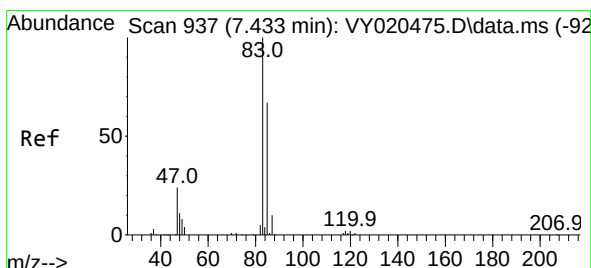
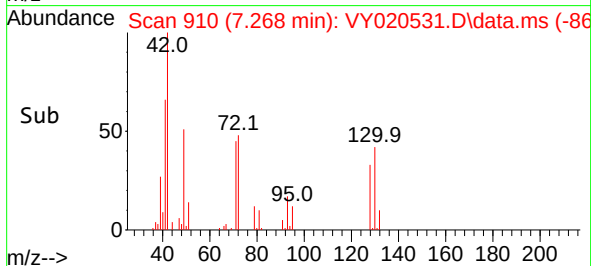
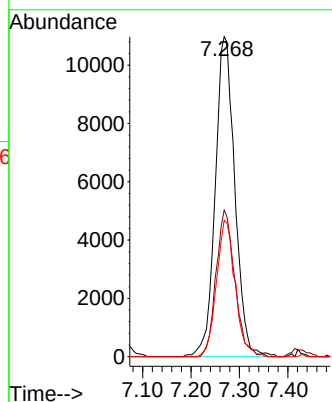
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	30954
Ion	Ratio	Lower	Upper
42	100		
72	43.8	33.4	50.0
71	40.5	31.9	47.9



#30

Chloroform

Concen: 21.820 ug/l

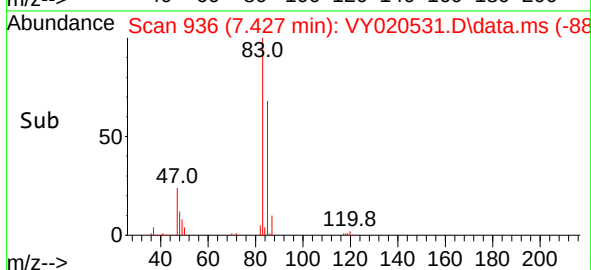
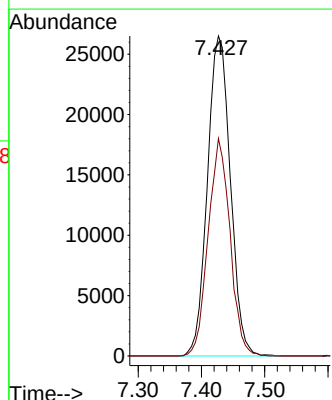
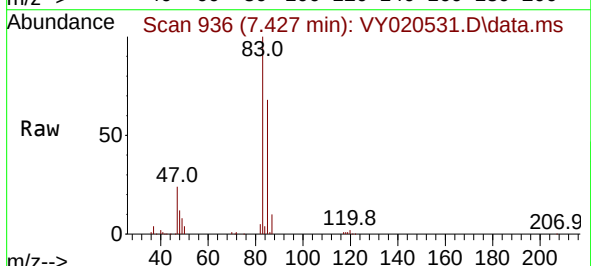
RT: 7.427 min Scan# 936

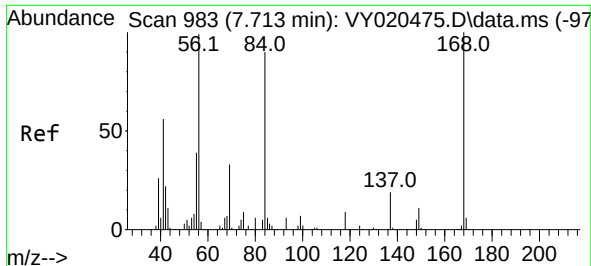
Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

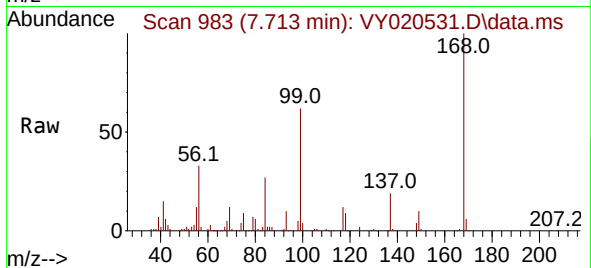
Tgt Ion:	83	Resp:	66805
Ion	Ratio	Lower	Upper
83	100		
85	68.0	50.3	75.5



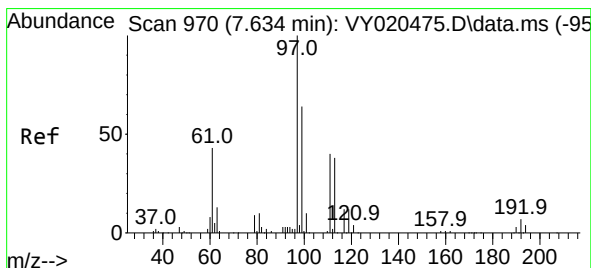
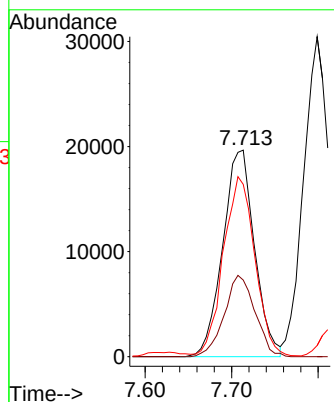
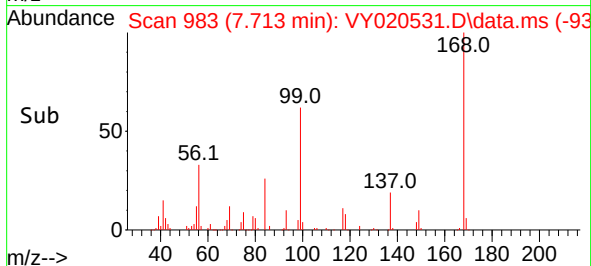


#31
Cyclohexane
Concen: 18.579 ug/l
RT: 7.713 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Instrument :
MSVOA_Y
ClientSampleId :

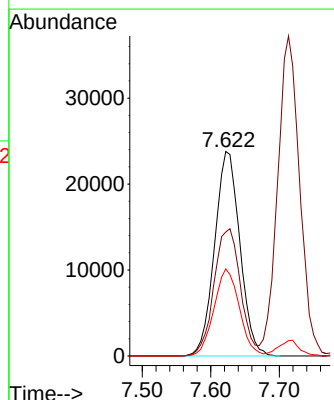
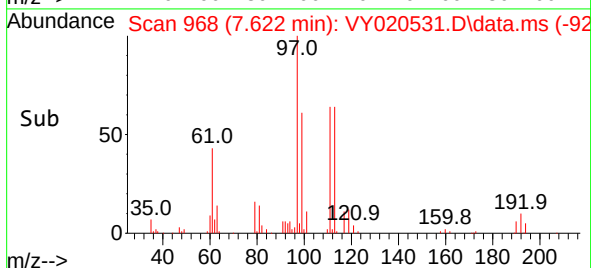
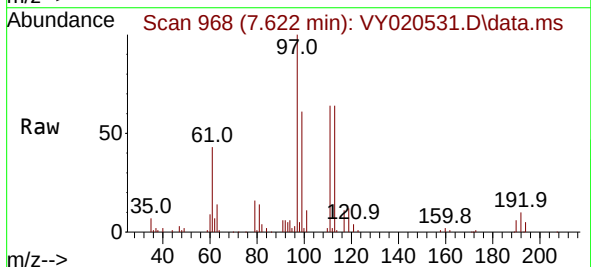


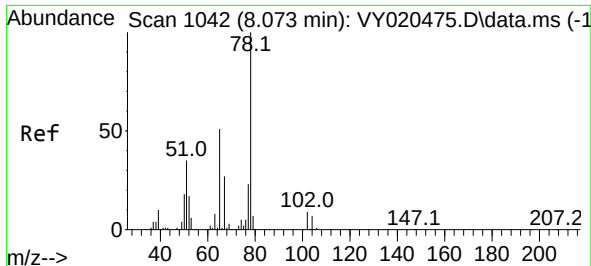
Tgt Ion: 56 Resp: 50105
Ion Ratio Lower Upper
56 100
69 37.1 25.3 37.9
84 82.0 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 20.653 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.012 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Tgt Ion: 97 Resp: 60886
Ion Ratio Lower Upper
97 100
99 65.5 51.8 77.6
61 42.7 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 58.291 ug/l

RT: 8.067 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

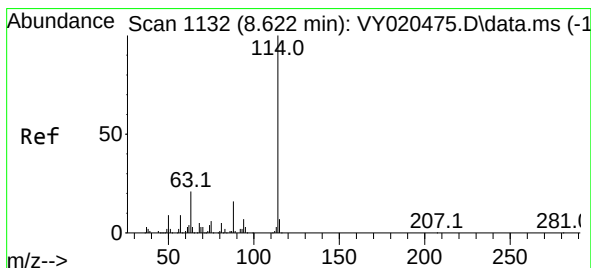
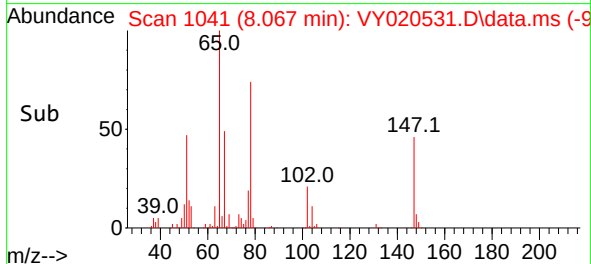
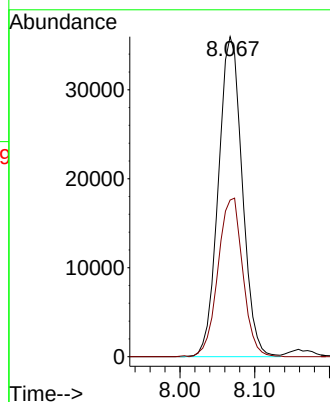
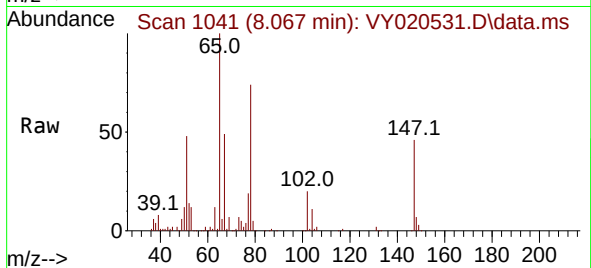
ClientSampleId :

Tgt Ion: 65 Resp: 79787

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

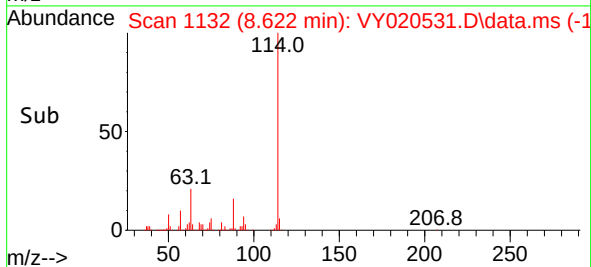
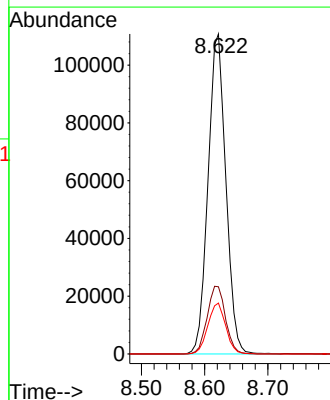
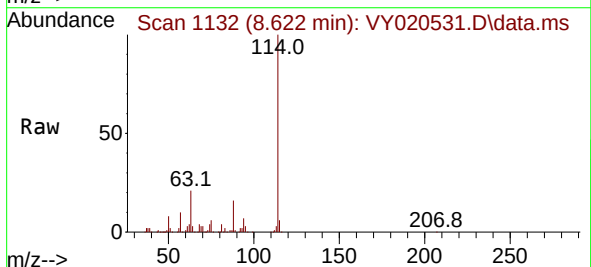
Tgt Ion:114 Resp: 216718

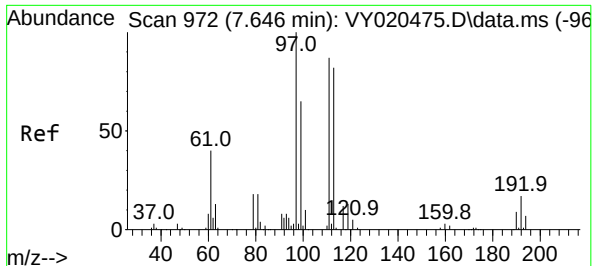
Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.8

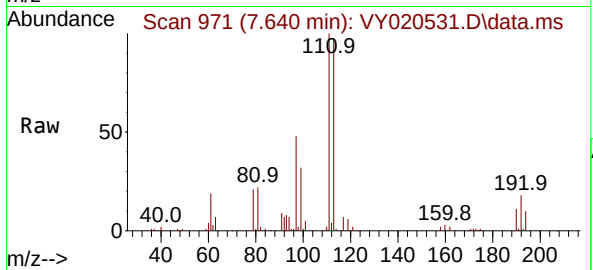
88 15.9 0.0 32.0



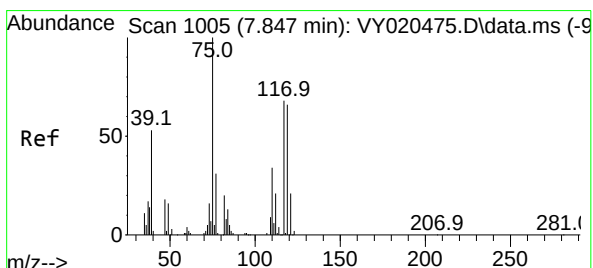
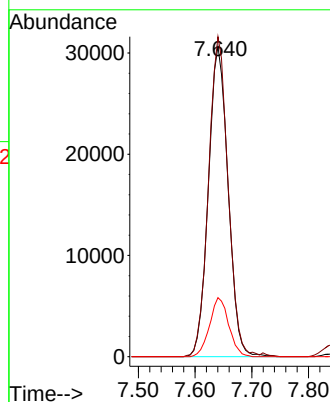
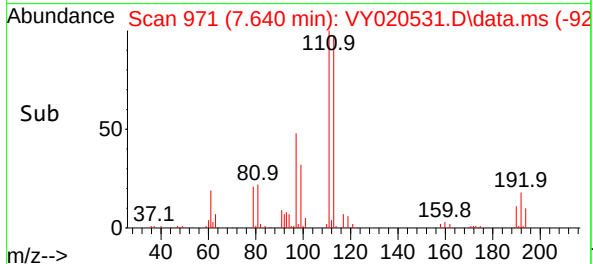


#35
Dibromofluoromethane
Concen: 54.231 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

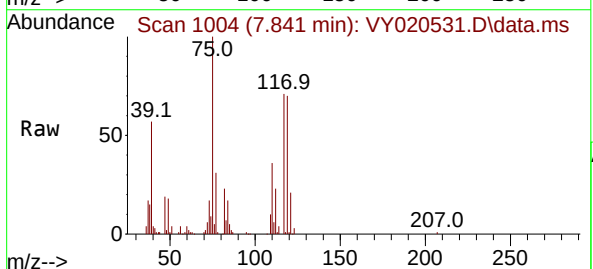
Instrument :
MSVOA_Y
ClientSampleId :



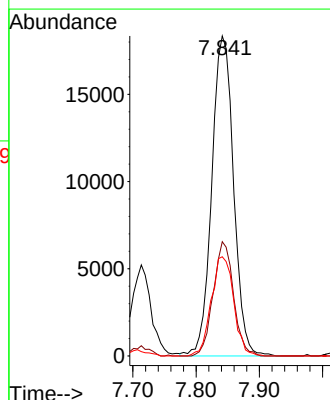
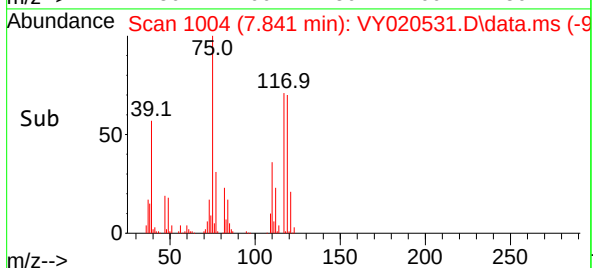
Tgt Ion:113 Resp: 73989
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 18.5 15.1 22.7

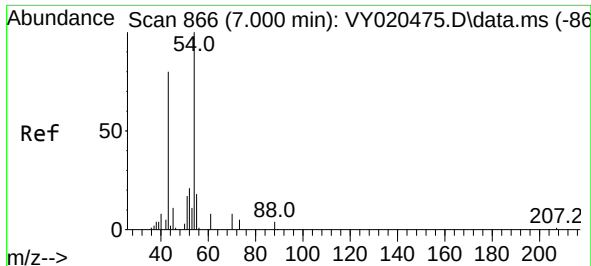


#36
1,1-Dichloropropene
Concen: 19.051 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41



Tgt Ion: 75 Resp: 43892
Ion Ratio Lower Upper
75 100
110 33.3 16.7 50.0
77 31.8 24.6 36.8





#37

Ethyl Acetate

Concen: 25.522 ug/l

RT: 6.994 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

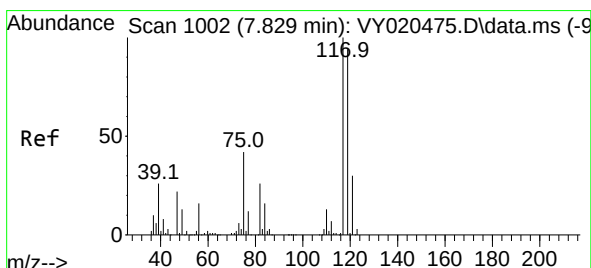
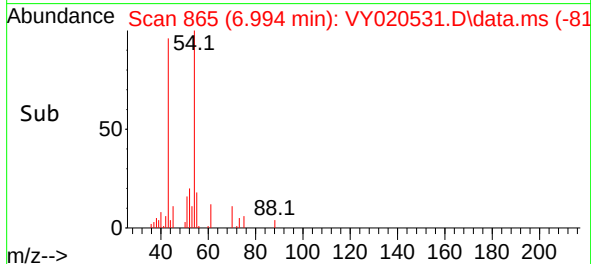
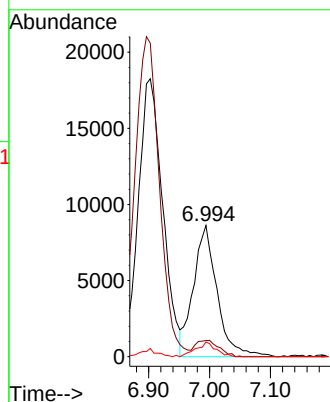
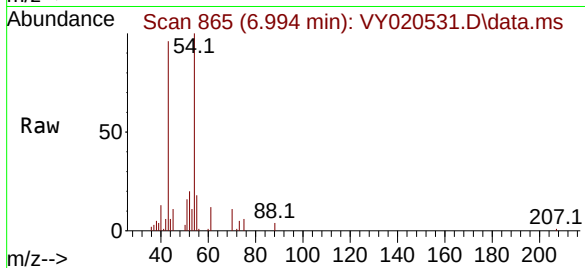
Tgt Ion: 43 Resp: 23296

Ion Ratio Lower Upper

43 100

61 12.1 10.7 16.1

70 9.4 7.3 10.9



#38

Carbon Tetrachloride

Concen: 20.366 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

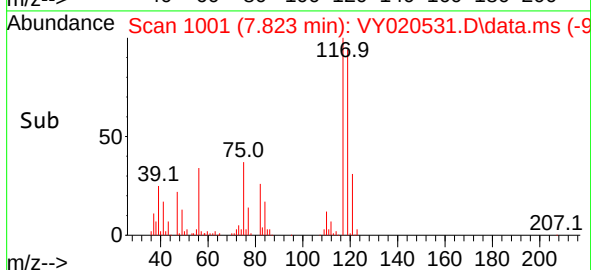
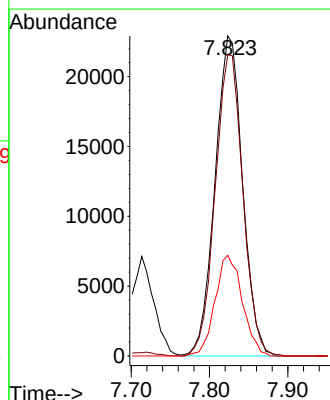
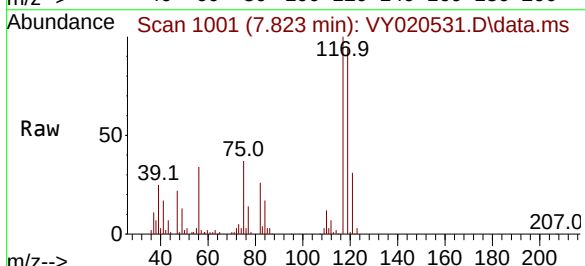
Tgt Ion: 117 Resp: 56002

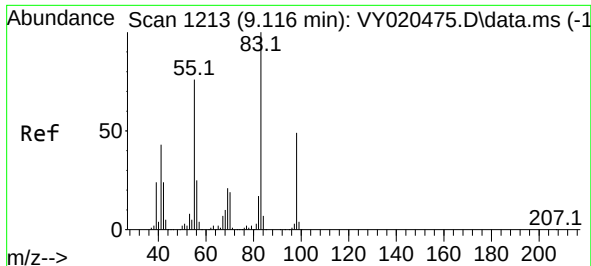
Ion Ratio Lower Upper

117 100

119 94.2 77.8 116.6

121 31.5 24.6 37.0





#39

Methylcyclohexane

Concen: 18.305 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

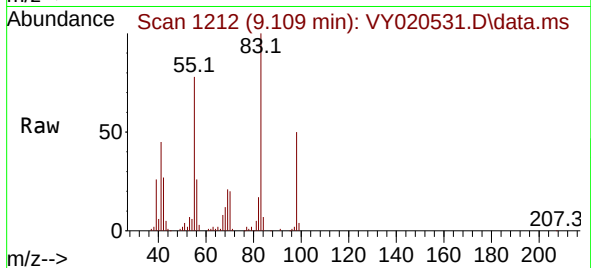
Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

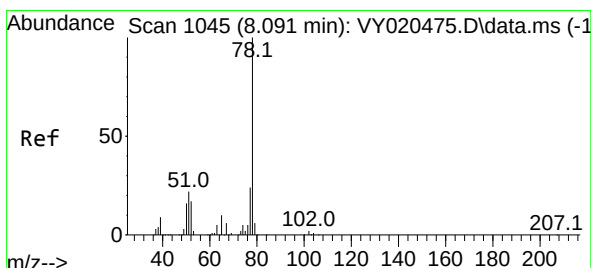
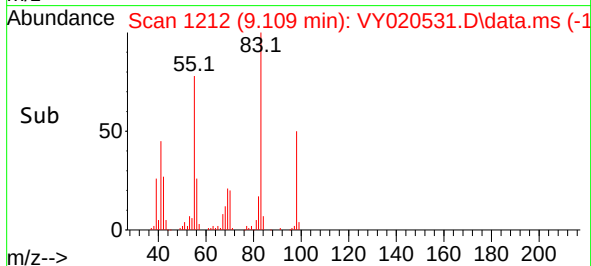
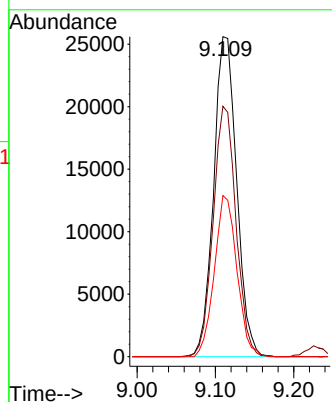
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	83	Resp:	52335
Ion	Ratio	Lower	Upper
83	100		
55	78.3	62.6	93.8
98	50.4	37.0	55.4



#40

Benzene

Concen: 20.431 ug/l

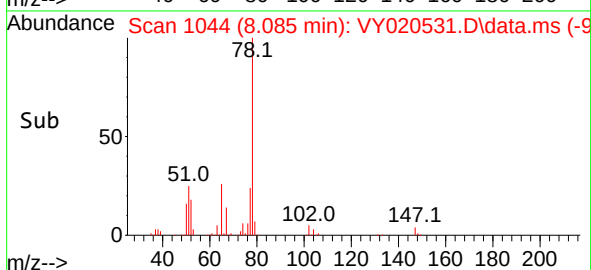
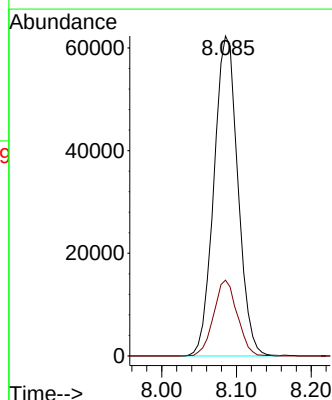
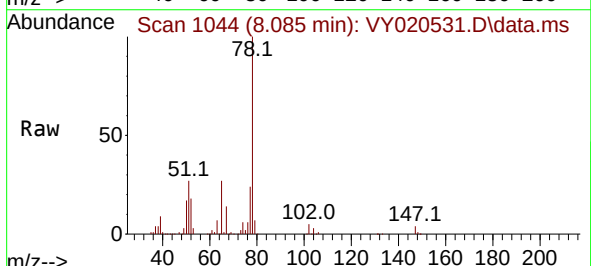
RT: 8.085 min Scan# 1044

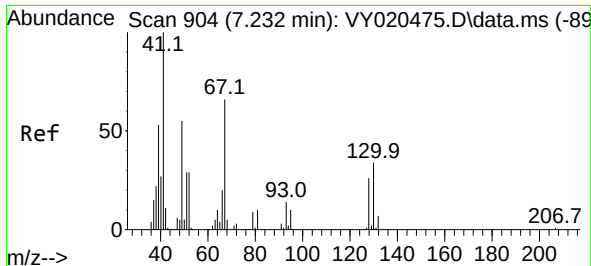
Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

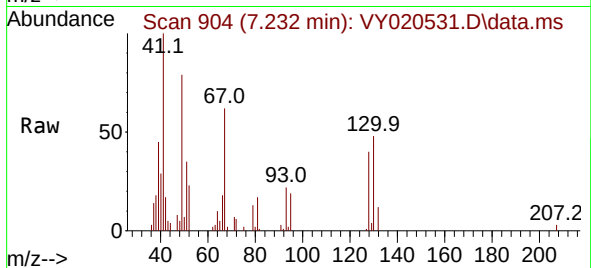
Tgt Ion:	78	Resp:	138789
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.0



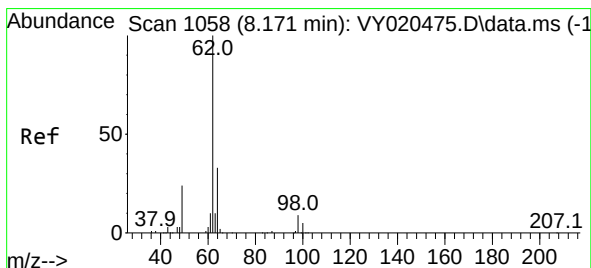
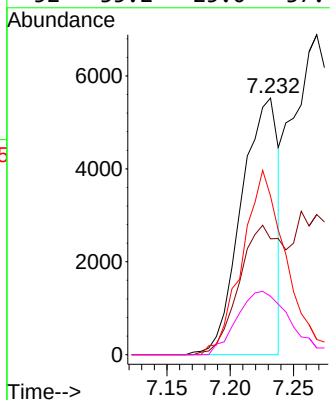
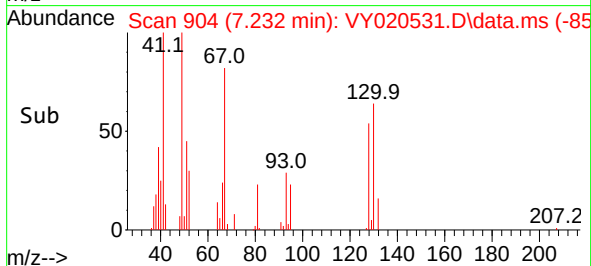


#41
Methacrylonitrile
Concen: 21.683 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Instrument :
MSVOA_Y
ClientSampleId :

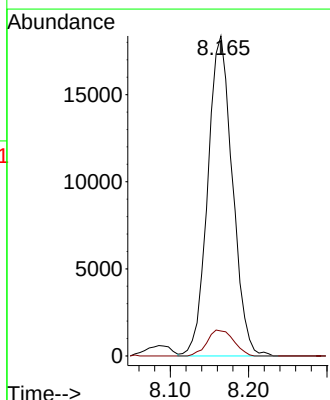
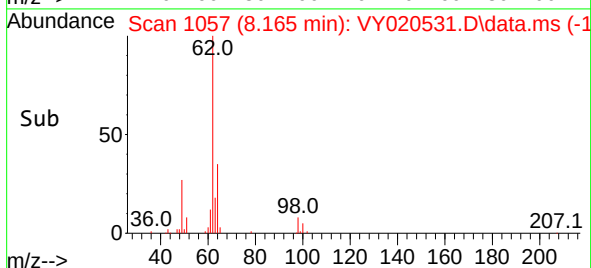
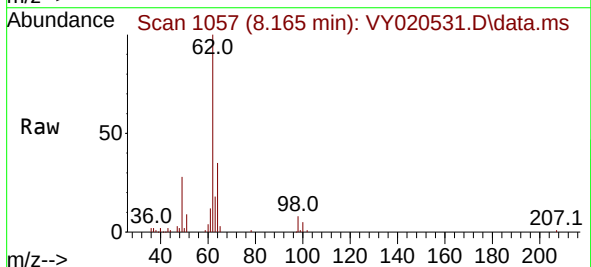


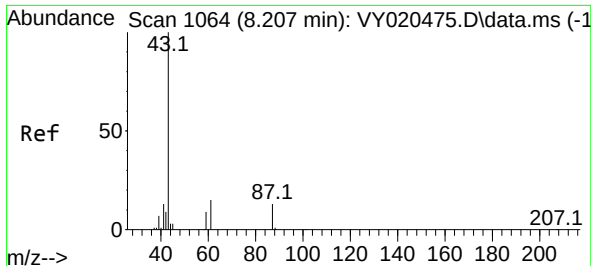
Tgt Ion:	41	Resp:	11251
Ion	Ratio	Lower	Upper
41	100		
39	59.9	49.0	73.4
67	84.8	57.1	85.7
52	35.2	25.0	37.4



#42
1,2-Dichloroethane
Concen: 22.539 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Tgt Ion:	62	Resp:	40231
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0

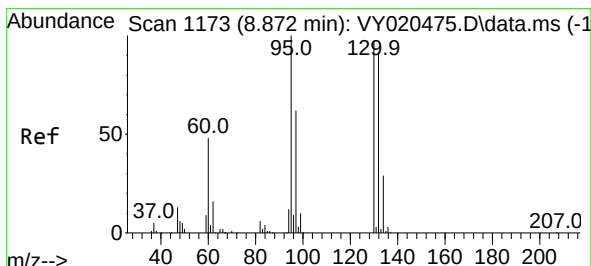
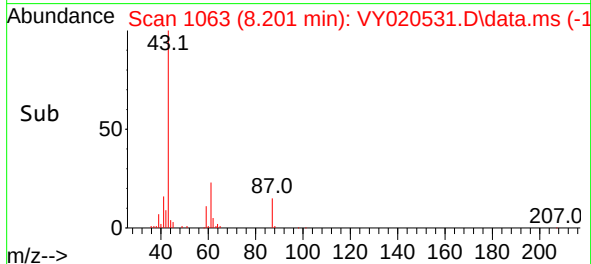
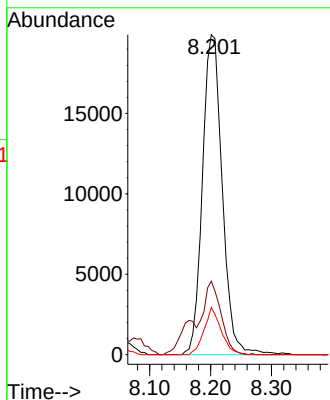
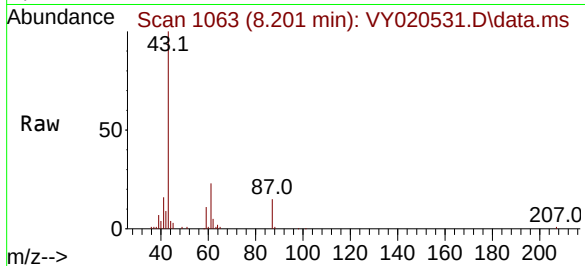




#43
Isopropyl Acetate
Concen: 24.388 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

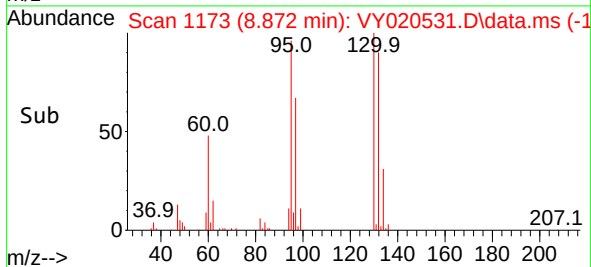
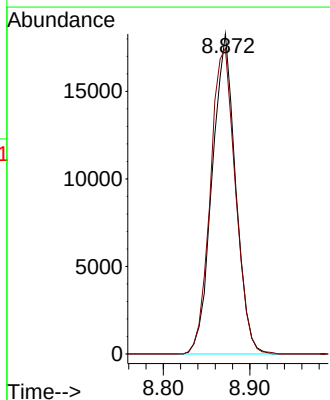
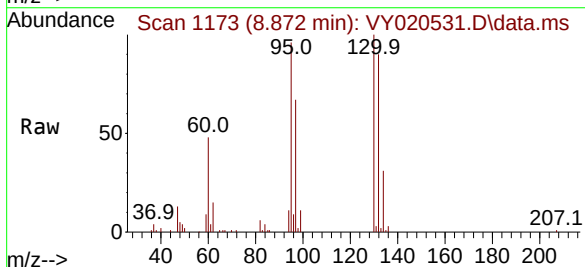
Instrument :
MSVOA_Y
ClientSampleId :

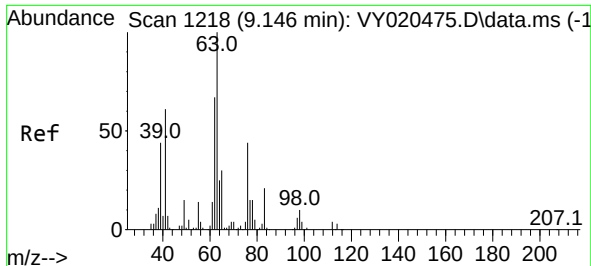
Tgt Ion: 43 Resp: 44952
Ion Ratio Lower Upper
43 100
61 20.6 22.8 34.2#
87 12.7 9.6 14.4



#44
Trichloroethene
Concen: 20.445 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Tgt Ion:130 Resp: 34238
Ion Ratio Lower Upper
130 100
95 95.5 0.0 204.8





#45

1,2-Dichloropropane

Concen: 20.865 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

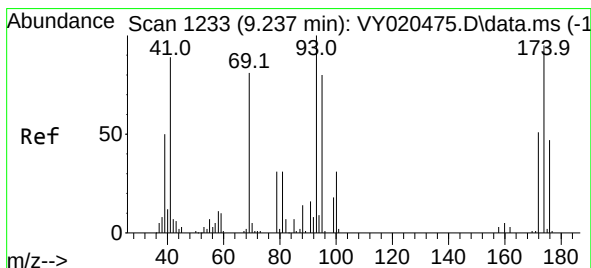
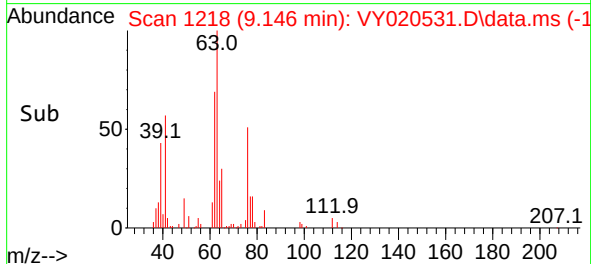
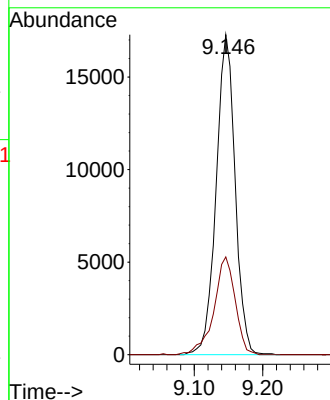
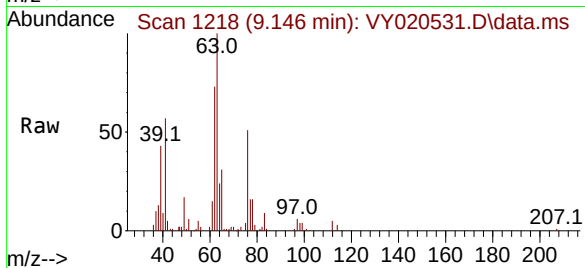
ClientSampleId :

Tgt Ion: 63 Resp: 33168

Ion Ratio Lower Upper

63 100

65 30.6 24.2 36.4



#46

Dibromomethane

Concen: 22.992 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

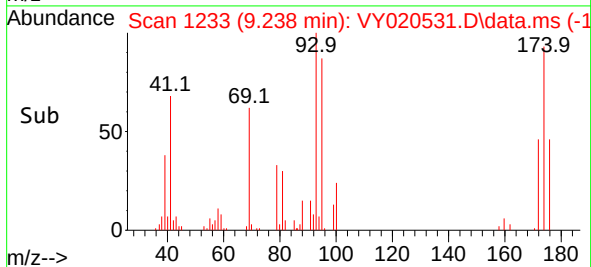
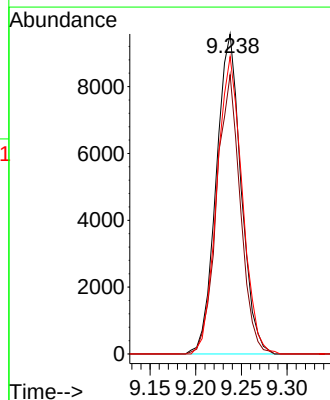
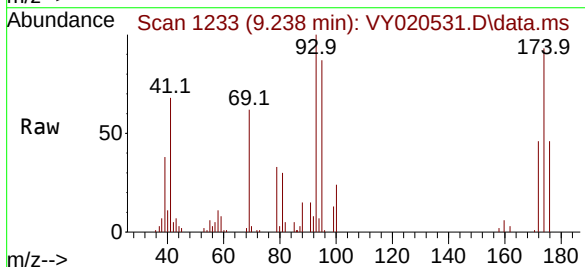
Tgt Ion: 93 Resp: 18096

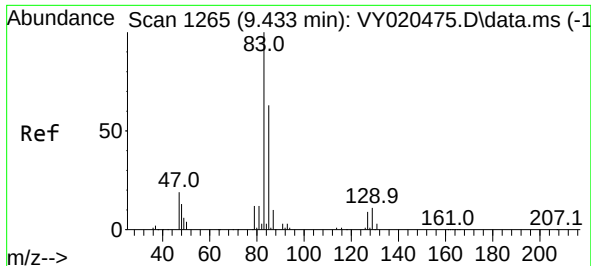
Ion Ratio Lower Upper

93 100

95 83.1 65.3 97.9

174 94.6 74.4 111.6

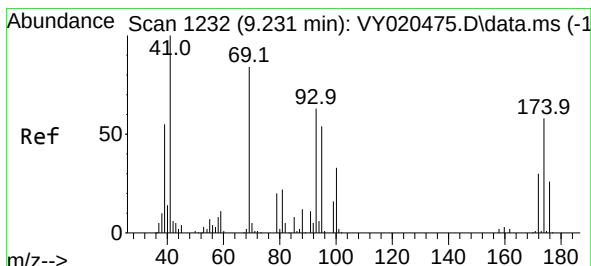
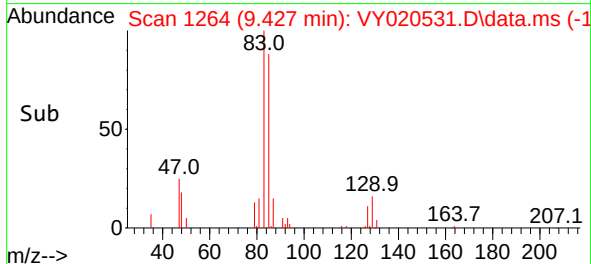
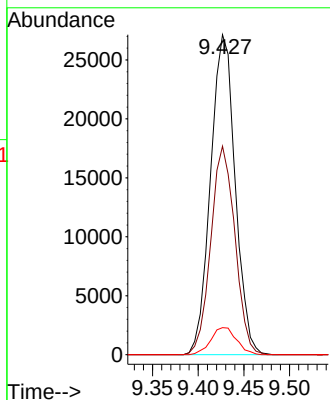
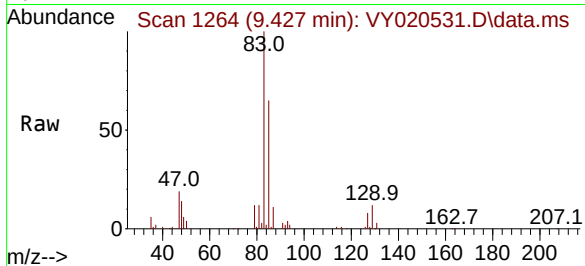




#47
Bromodichloromethane
Concen: 21.928 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

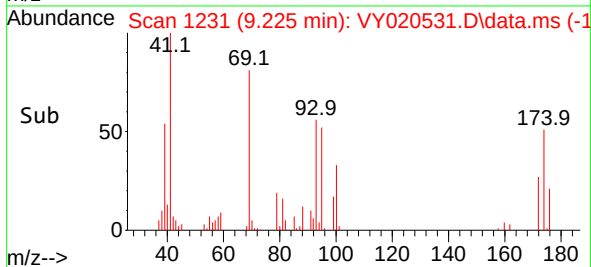
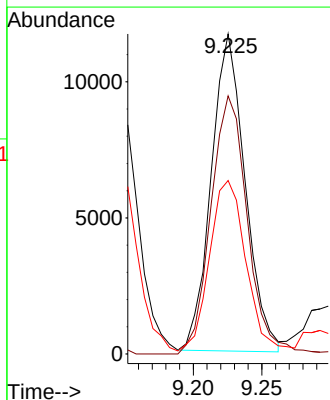
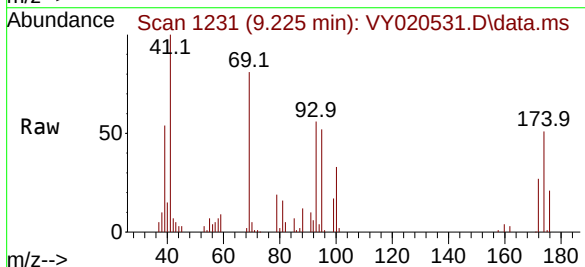
Instrument :
MSVOA_Y
ClientSampleId :

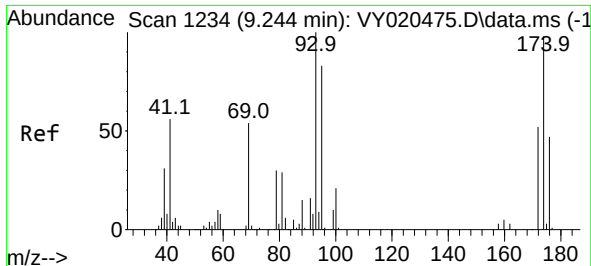
Tgt Ion: 83 Resp: 50849
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.2
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 23.317 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Tgt Ion: 41 Resp: 20041
Ion Ratio Lower Upper
41 100
69 88.1 66.1 99.1
39 60.0 46.0 69.0





#49

1,4-Dioxane

Concen: 538.470 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

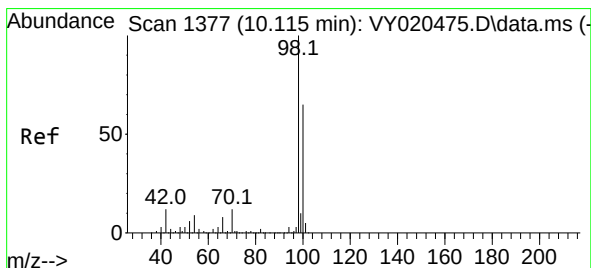
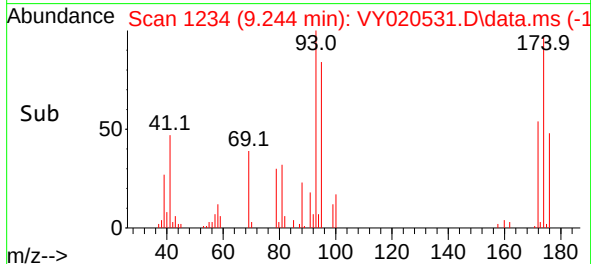
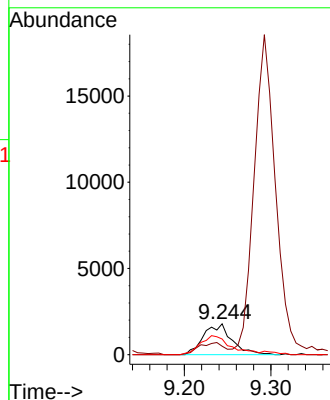
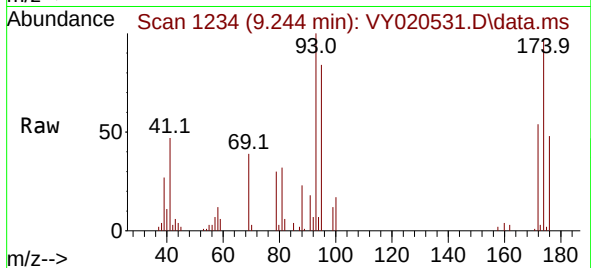
Tgt Ion: 88 Resp: 4051

Ion Ratio Lower Upper

88 100

43 34.4 24.6 37.0

58 66.1 59.6 89.4



#50

Toluene-d8

Concen: 52.664 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020531.D

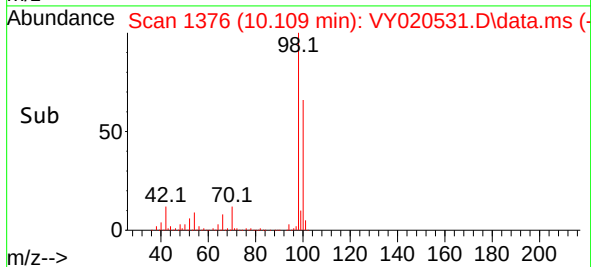
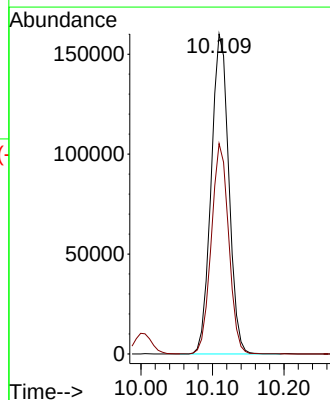
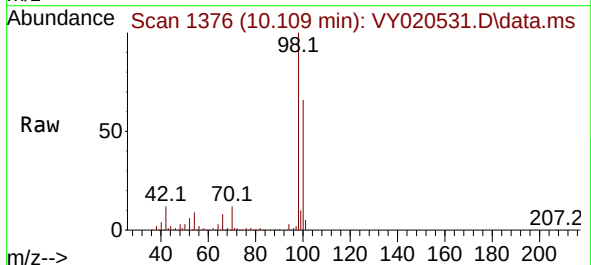
Acq: 06 Dec 2024 12:41

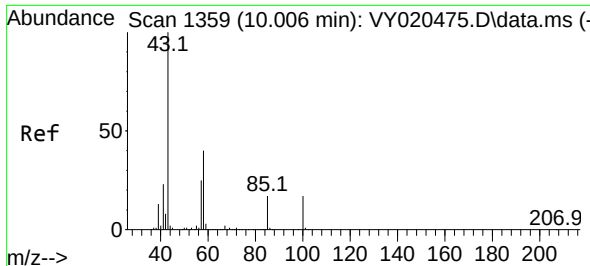
Tgt Ion: 98 Resp: 273597

Ion Ratio Lower Upper

98 100

100 65.0 51.3 76.9

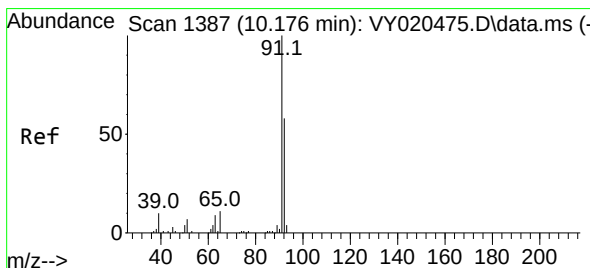
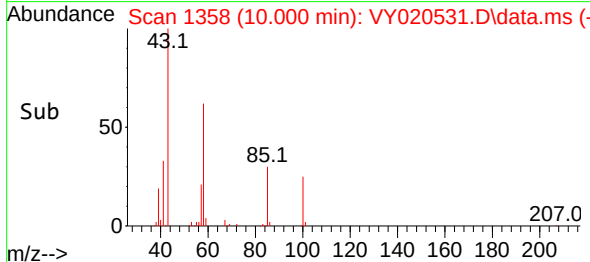
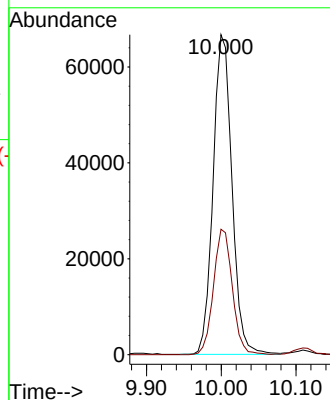
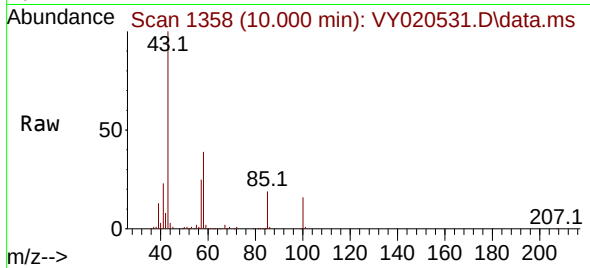




#51
4-Methyl-2-Pentanone
Concen: 128.963 ug/l
RT: 10.000 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

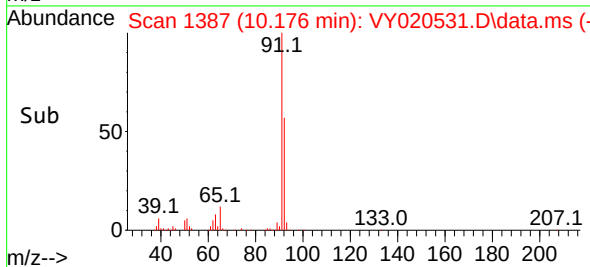
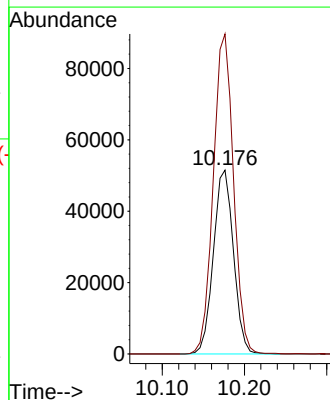
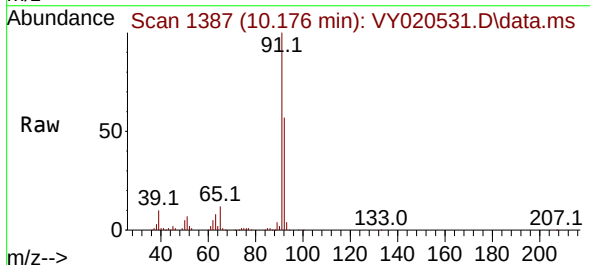
Instrument :
MSVOA_Y
ClientSampleId :

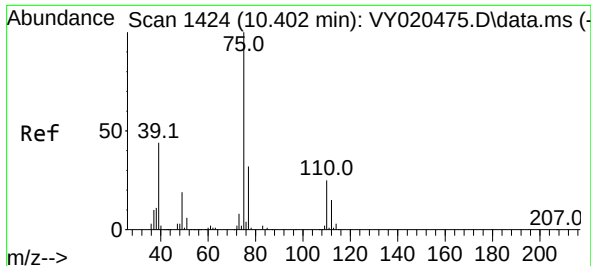
Tgt Ion: 43 Resp: 117388
Ion Ratio Lower Upper
43 100
58 39.2 30.9 46.3



#52
Toluene
Concen: 20.636 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Tgt Ion: 92 Resp: 87463
Ion Ratio Lower Upper
92 100
91 175.3 139.7 209.5

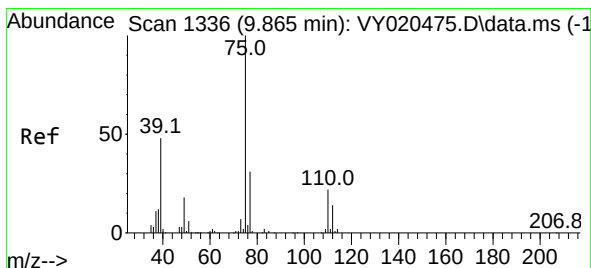
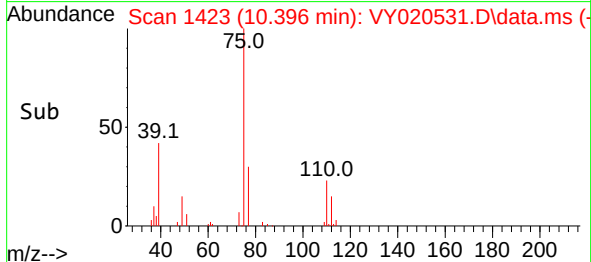
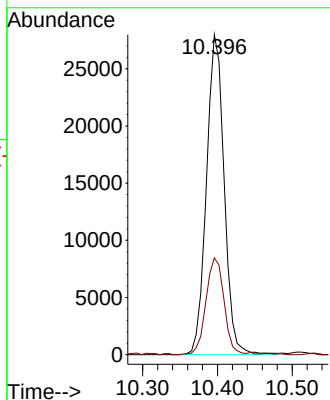
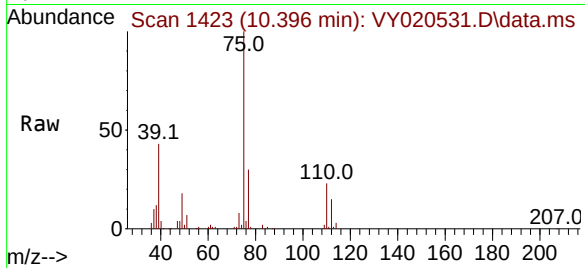




#53
 t-1,3-Dichloropropene
 Concen: 22.195 ug/l
 RT: 10.396 min Scan# 1424
 Delta R.T. -0.006 min
 Lab File: VY020531.D
 Acq: 06 Dec 2024 12:41

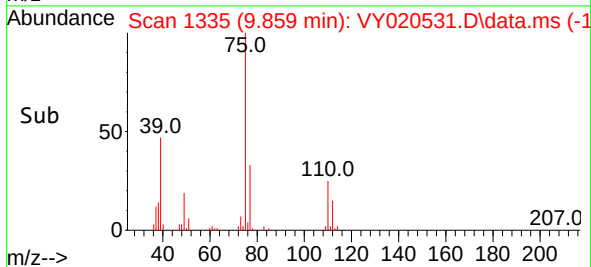
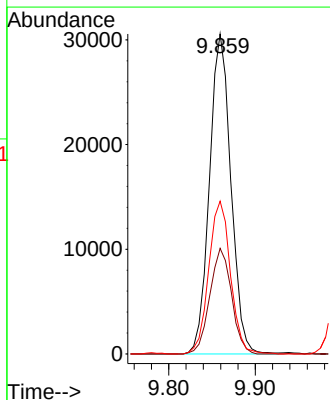
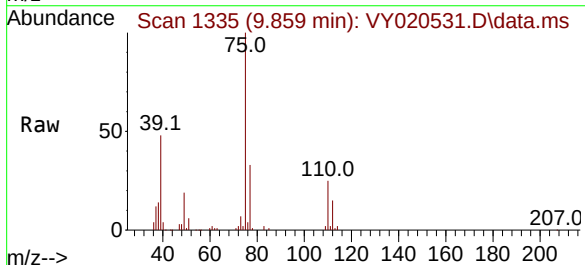
Instrument :
 MSVOA_Y
 ClientSampleId :

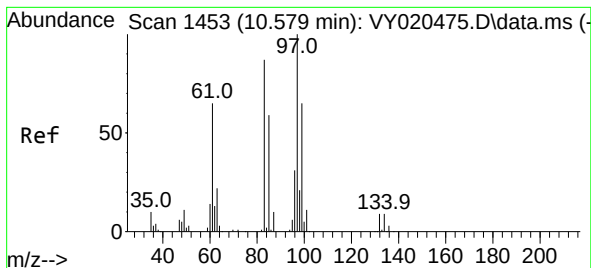
Tgt Ion: 75 Resp: 46206
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.356 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. -0.006 min
 Lab File: VY020531.D
 Acq: 06 Dec 2024 12:41

Tgt Ion: 75 Resp: 52543
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.0 37.4
 39 47.7 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 23.546 ug/l

RT: 10.573 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 24721

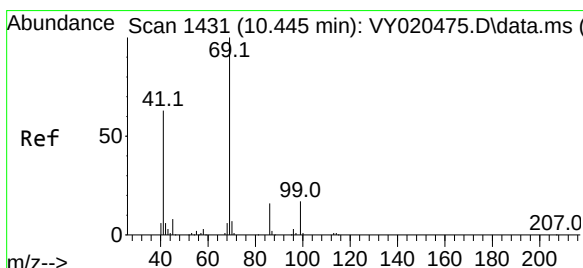
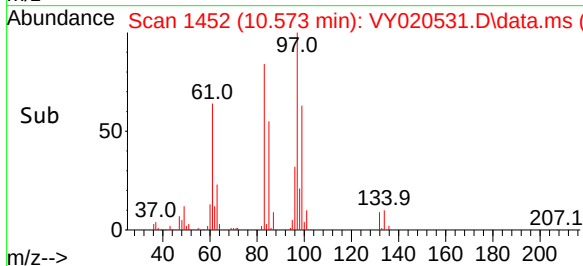
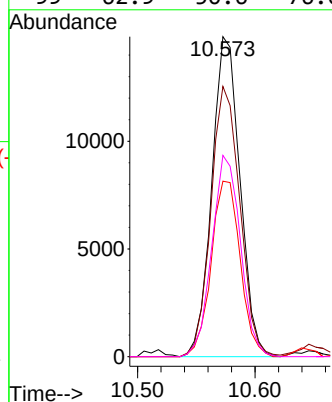
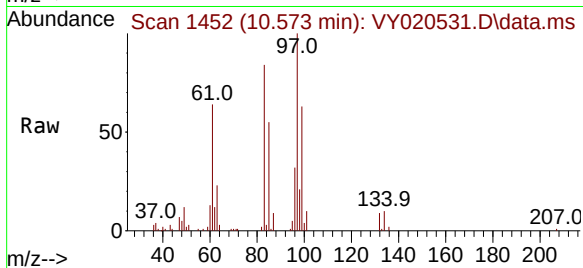
Ion Ratio Lower Upper

97 100

83 84.5 70.8 106.2

85 54.8 44.9 67.3

99 62.9 50.6 76.0



#56

Ethyl methacrylate

Concen: 23.714 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

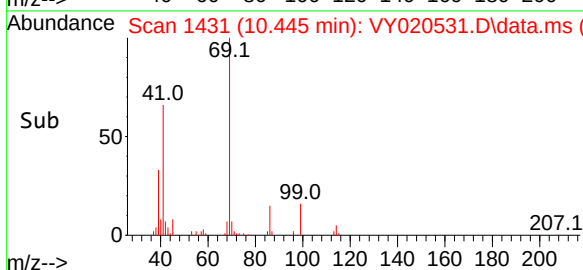
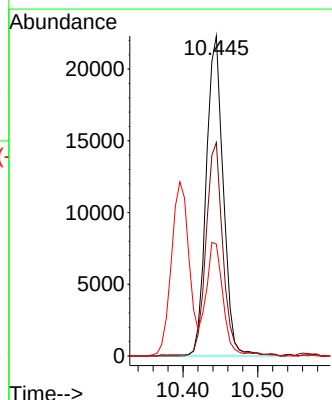
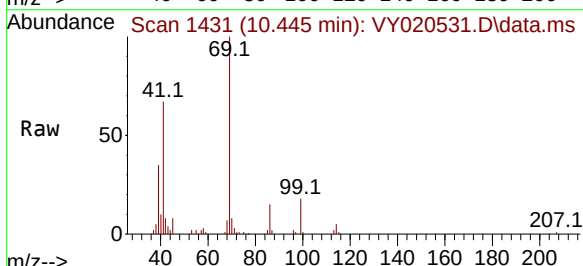
Tgt Ion: 69 Resp: 35228

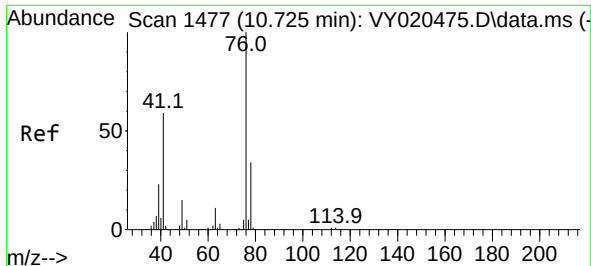
Ion Ratio Lower Upper

69 100

41 66.5 56.1 84.1

39 35.7 29.7 44.5





#57

1,3-Dichloropropane

Concen: 23.113 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

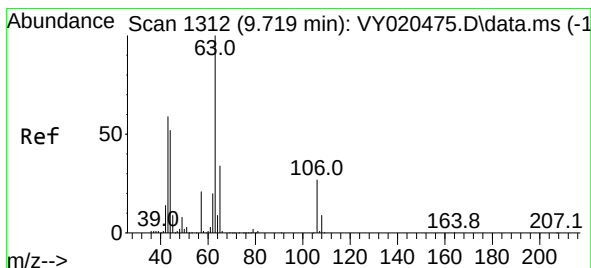
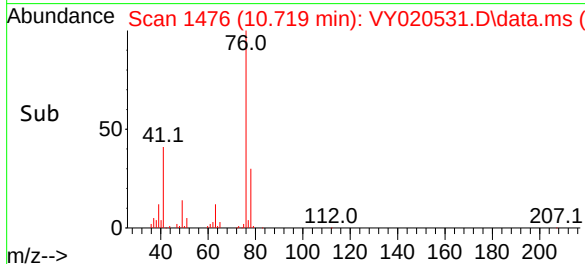
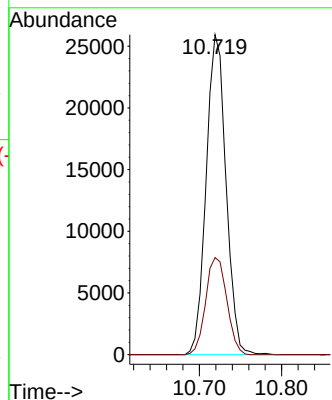
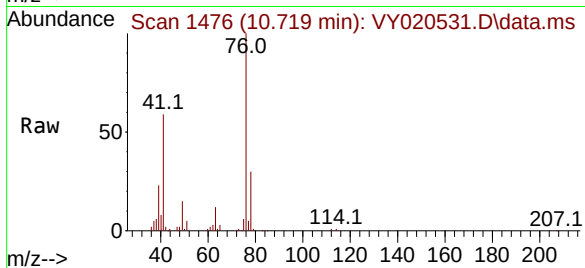
ClientSampleId :

Tgt Ion: 76 Resp: 43454

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 110.400 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY020531.D

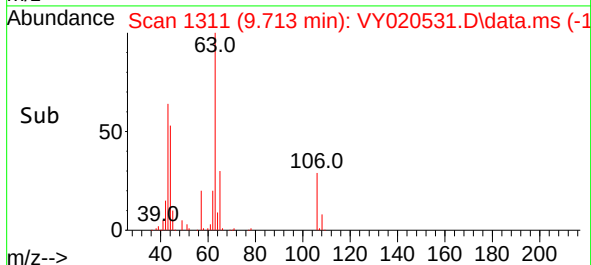
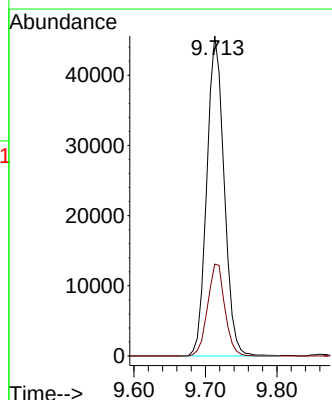
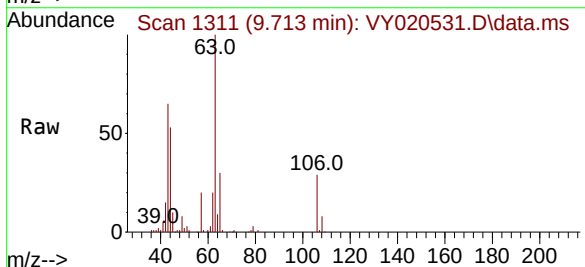
Acq: 06 Dec 2024 12:41

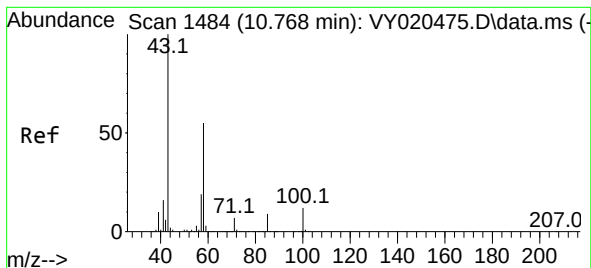
Tgt Ion: 63 Resp: 76789

Ion Ratio Lower Upper

63 100

106 28.5 21.0 31.4

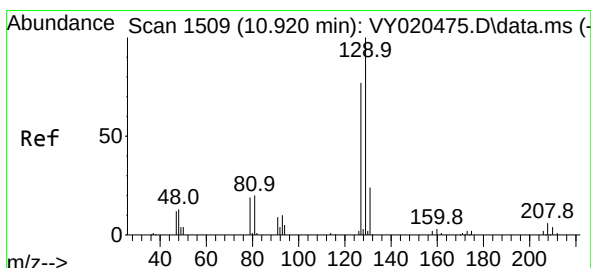
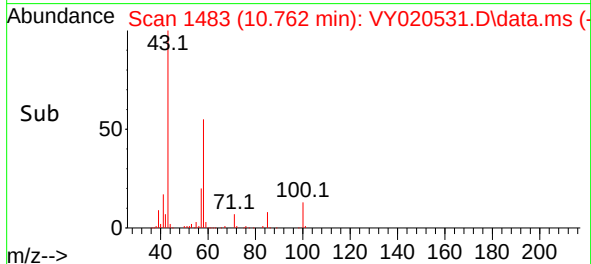
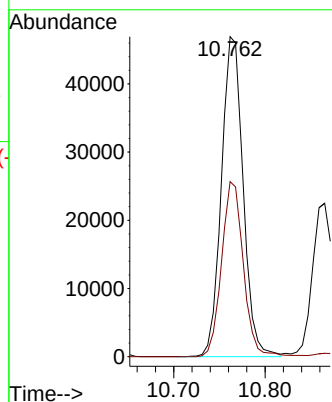
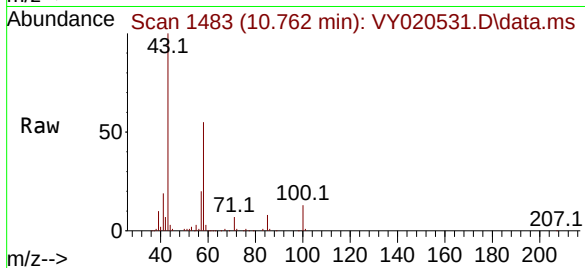




#59
2-Hexanone
Concen: 118.159 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

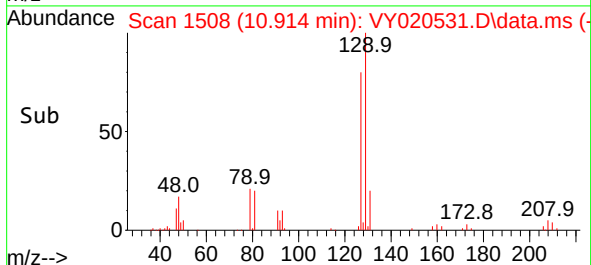
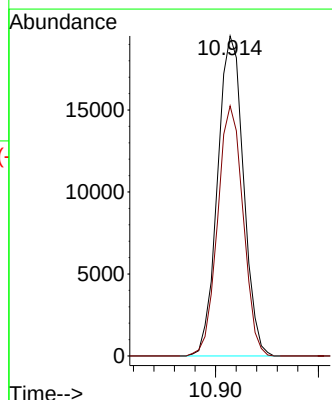
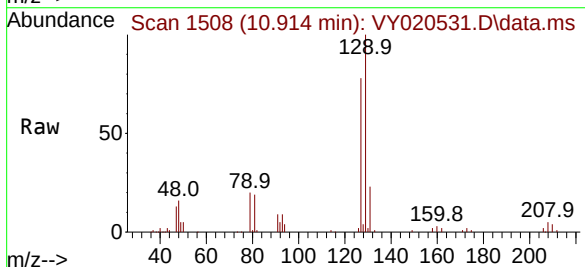
Instrument :
MSVOA_Y
ClientSampleId :

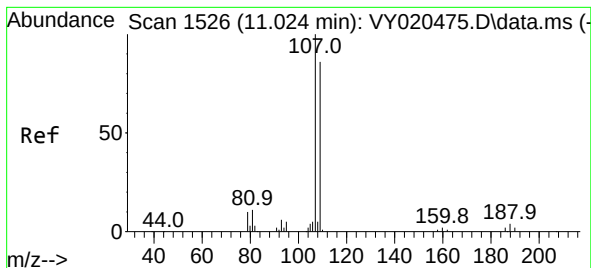
Tgt Ion: 43 Resp: 77590
Ion Ratio Lower Upper
43 100
58 54.9 26.4 79.2



#60
Dibromochloromethane
Concen: 23.306 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Tgt Ion: 129 Resp: 34067
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9





#61

1,2-Dibromoethane

Concen: 23.080 ug/l

RT: 11.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

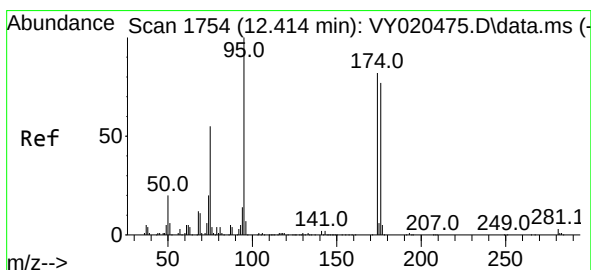
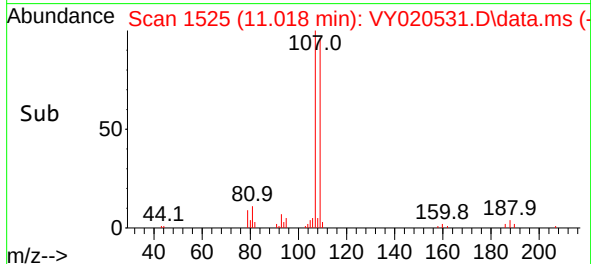
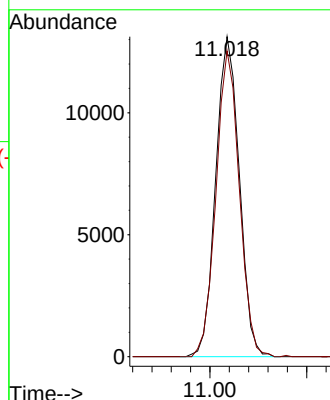
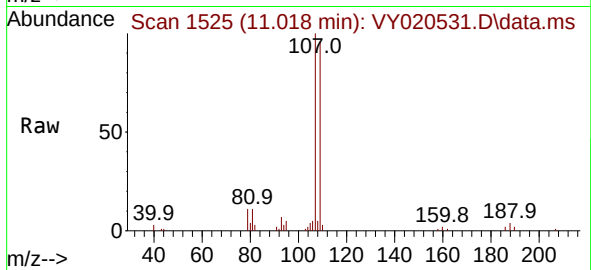
ClientSampleId :

Tgt Ion:107 Resp: 22160

Ion Ratio Lower Upper

107 100

109 94.5 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 54.374 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

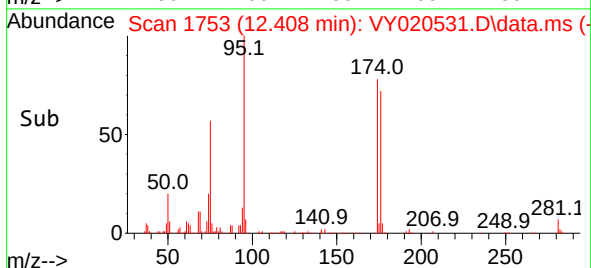
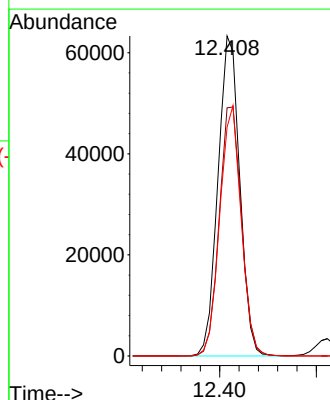
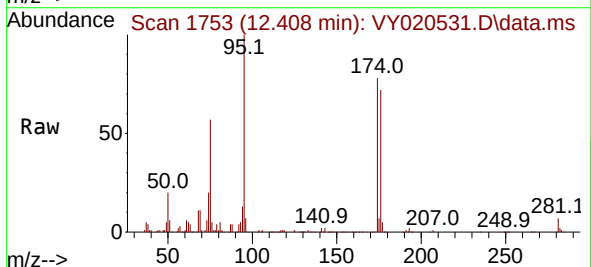
Tgt Ion: 95 Resp: 98798

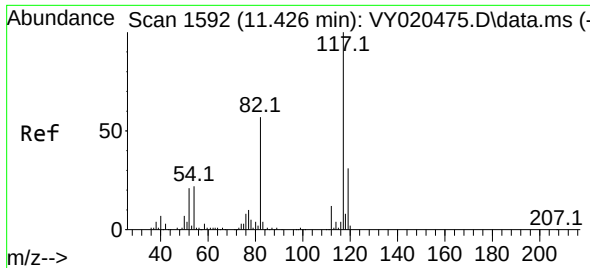
Ion Ratio Lower Upper

95 100

174 79.7 0.0 156.8

176 76.9 0.0 152.0

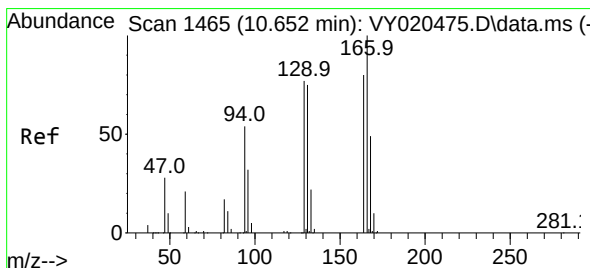
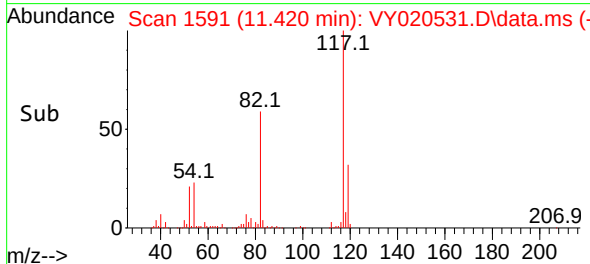
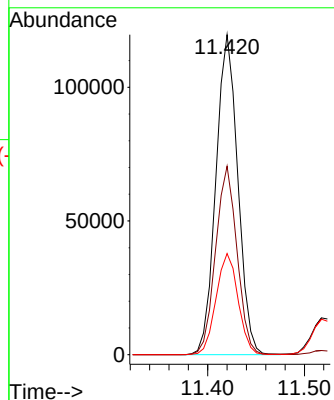
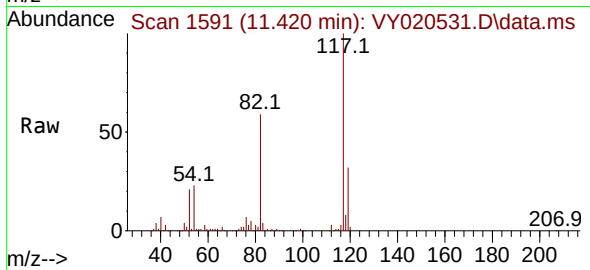




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

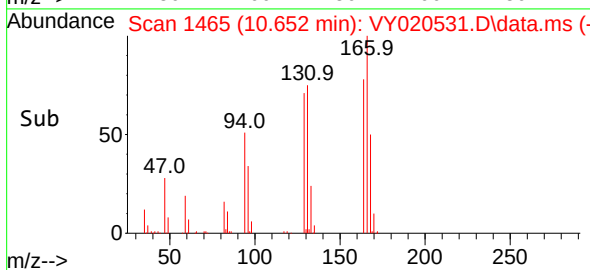
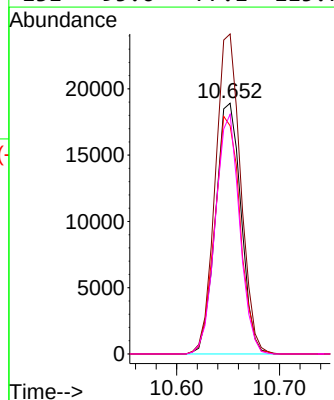
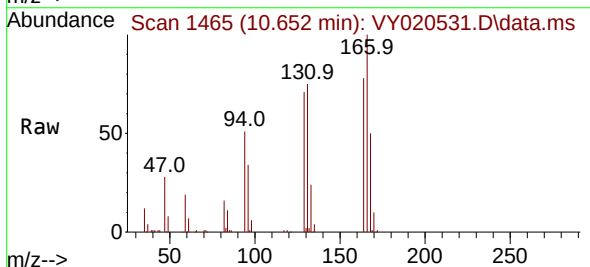
Instrument :
MSVOA_Y
ClientSampleId :

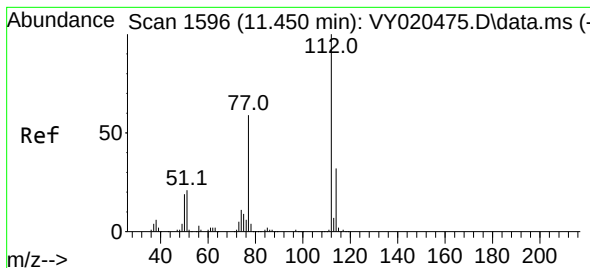
Tgt Ion:117 Resp: 188190
Ion Ratio Lower Upper
117 100
82 58.9 48.2 72.4
119 31.6 25.8 38.8



#64
Tetrachloroethene
Concen: 20.501 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Tgt Ion:164 Resp: 32600
Ion Ratio Lower Upper
164 100
166 127.7 103.8 155.8
129 91.0 79.0 118.4
131 95.6 77.1 115.7





#65

Chlorobenzene

Concen: 20.713 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

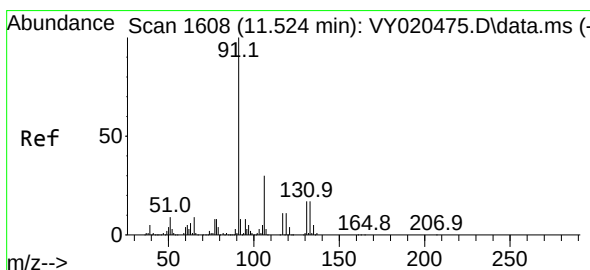
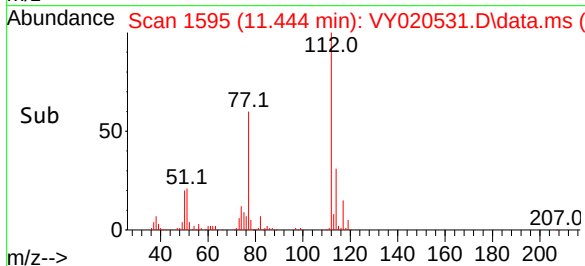
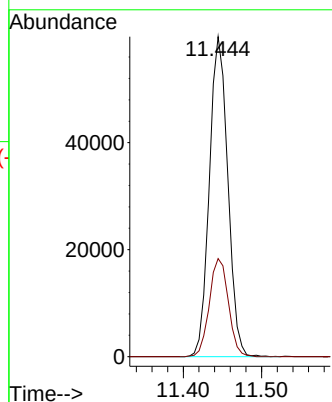
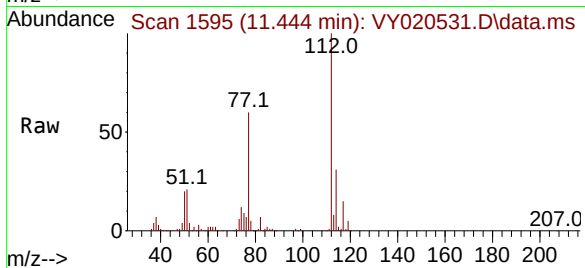
ClientSampleId :

Tgt Ion:112 Resp: 97707

Ion Ratio Lower Upper

112 100

114 30.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 21.026 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

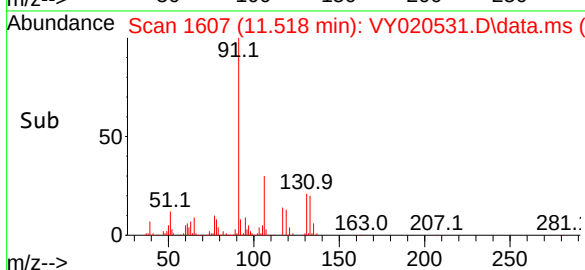
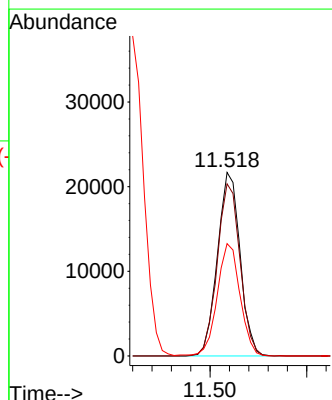
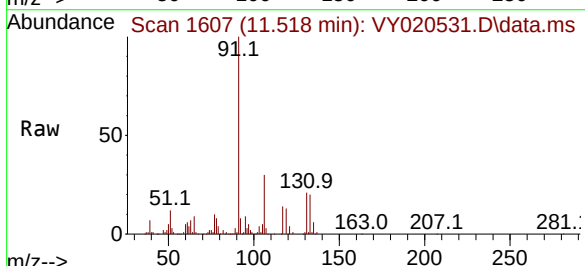
Tgt Ion:131 Resp: 35174

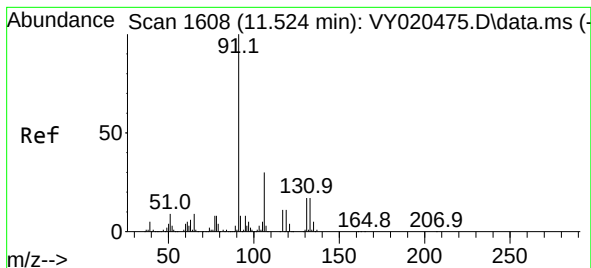
Ion Ratio Lower Upper

131 100

133 94.9 47.8 143.3

119 61.7 32.5 97.5

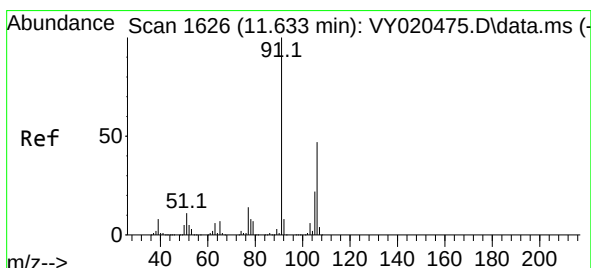
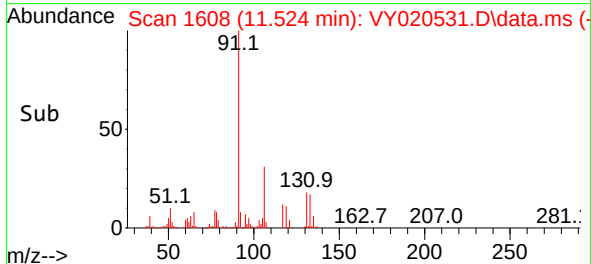
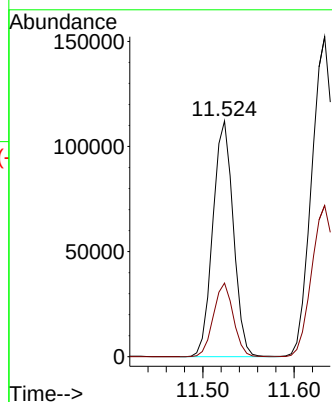
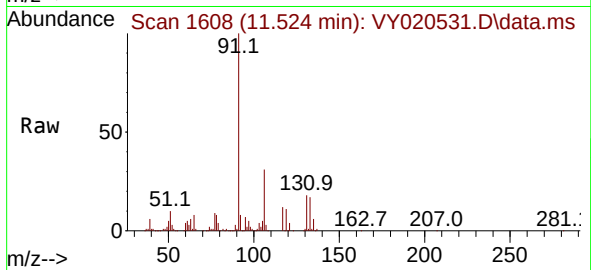




#67
Ethyl Benzene
Concen: 19.735 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

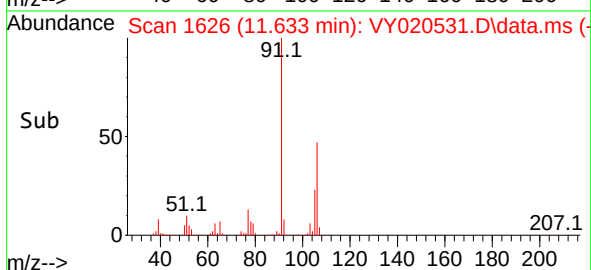
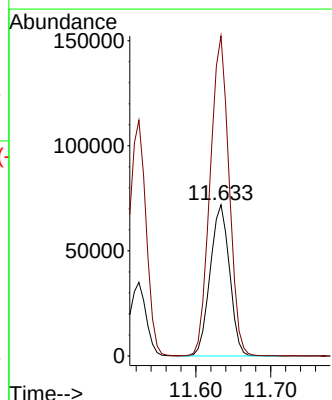
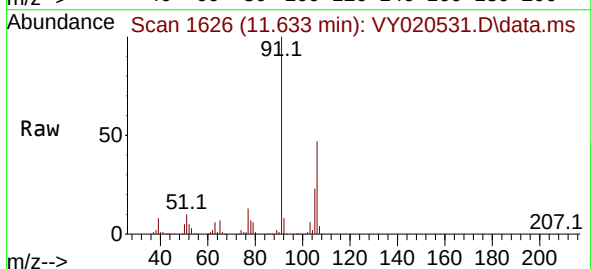
Instrument :
MSVOA_Y
ClientSampleId :

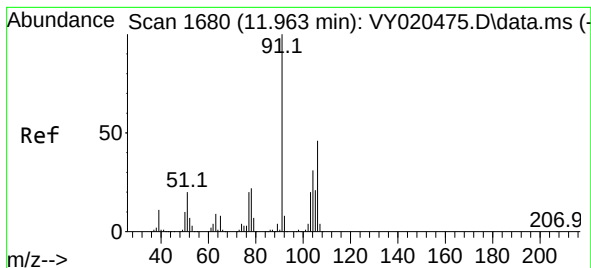
Tgt Ion: 91 Resp: 174491
Ion Ratio Lower Upper
91 100
106 31.2 23.9 35.9



#68
m/p-Xylenes
Concen: 39.889 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Tgt Ion: 106 Resp: 129146
Ion Ratio Lower Upper
106 100
91 207.4 166.0 249.0





#69

o-Xylene

Concen: 20.385 ug/l

RT: 11.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

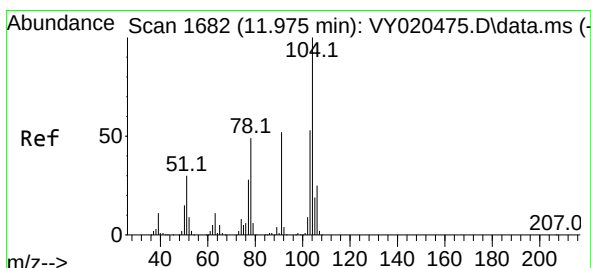
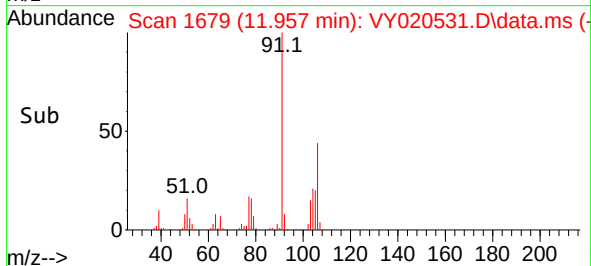
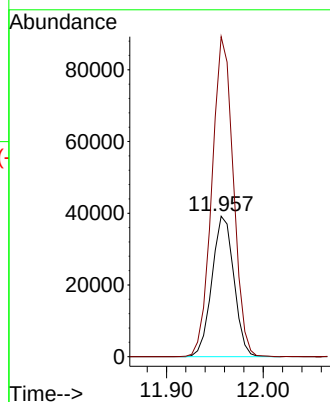
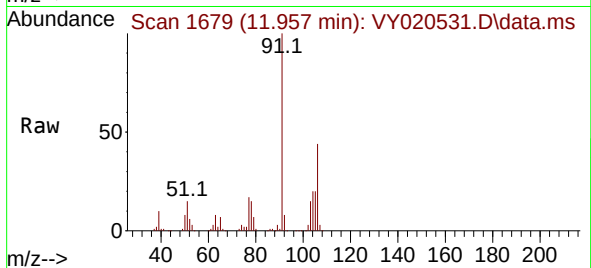
ClientSampleId :

Tgt Ion:106 Resp: 61830

Ion Ratio Lower Upper

106 100

91 222.3 110.0 330.0



#70

Styrene

Concen: 20.824 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

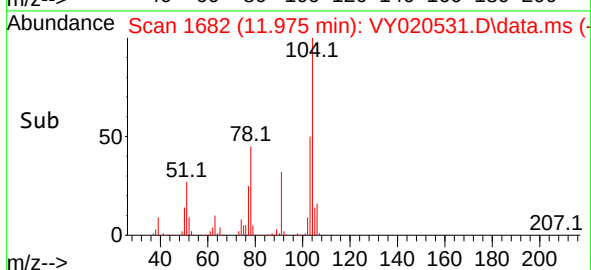
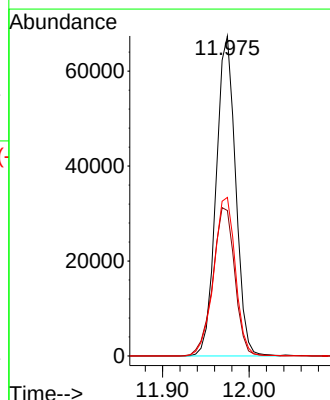
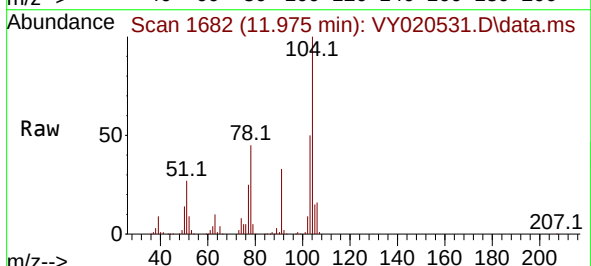
Tgt Ion:104 Resp: 105375

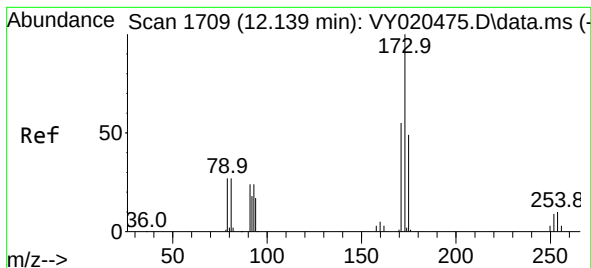
Ion Ratio Lower Upper

104 100

78 52.3 41.4 62.2

103 55.2 44.2 66.4





#71

Bromoform

Concen: 23.298 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

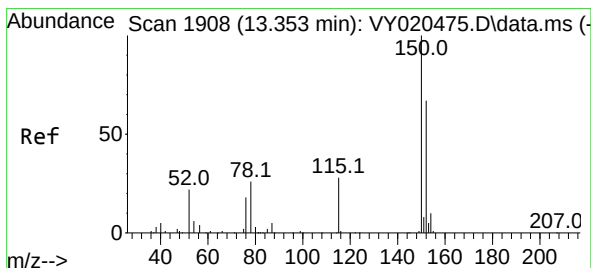
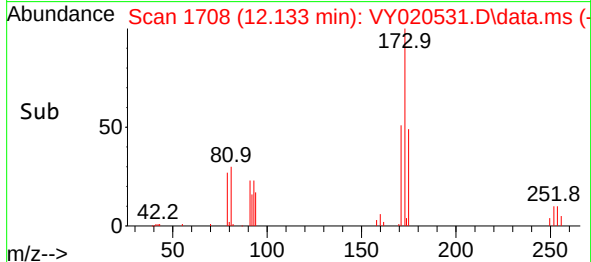
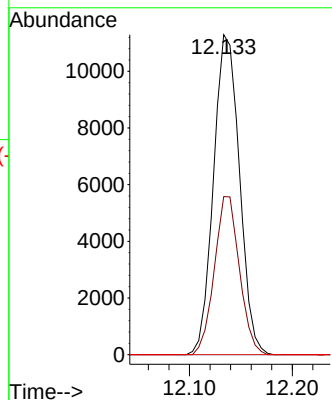
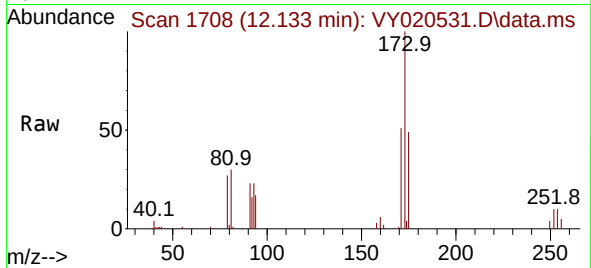
Tgt Ion:173 Resp: 19816

Ion Ratio Lower Upper

173 100

175 47.7 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

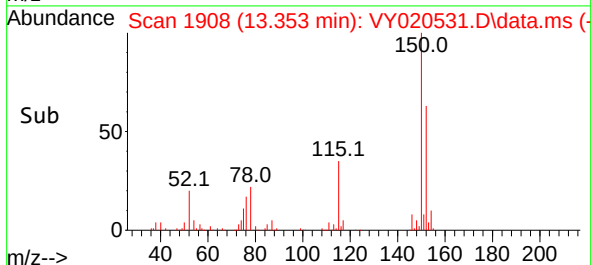
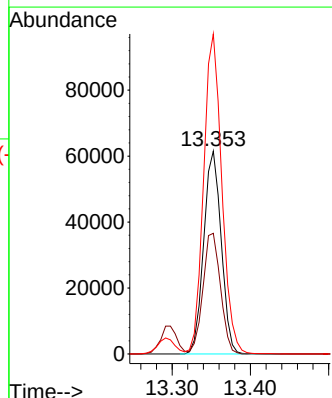
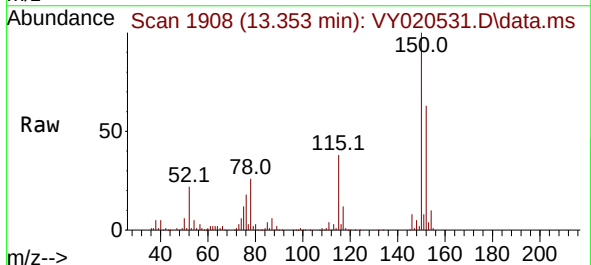
Tgt Ion:152 Resp: 95244

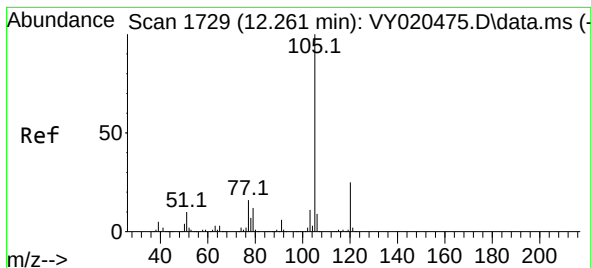
Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 164.3 0.0 348.2





#73

Isopropylbenzene

Concen: 18.688 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

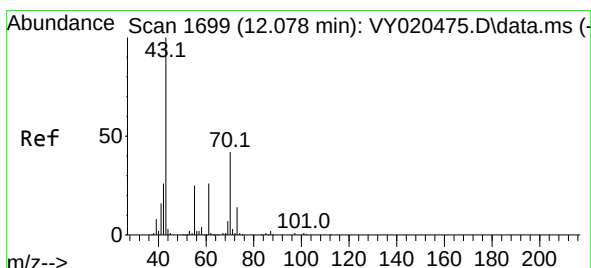
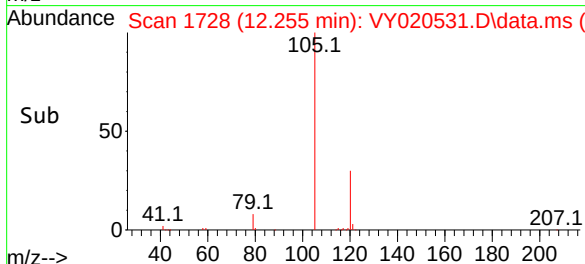
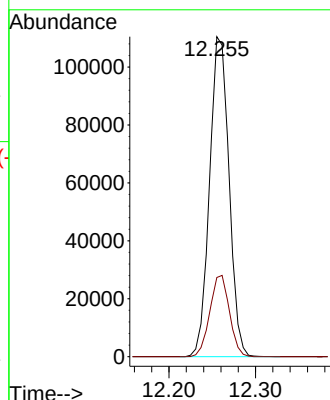
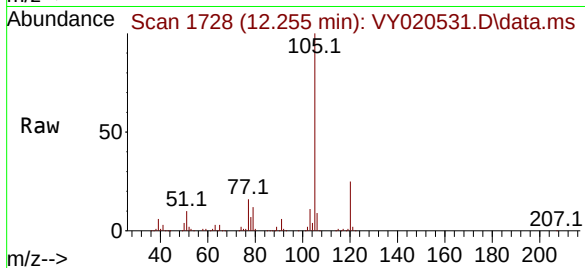
ClientSampleId :

Tgt Ion:105 Resp: 172217

Ion Ratio Lower Upper

105 100

120 25.6 12.7 38.1



#74

N-amy1 acetate

Concen: 21.510 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Tgt Ion: 43 Resp: 38851

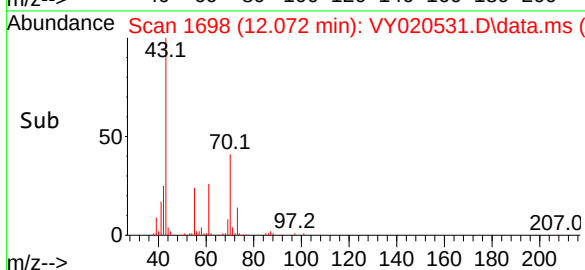
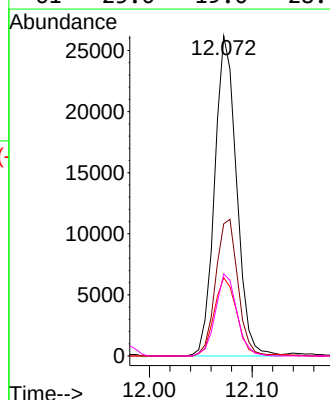
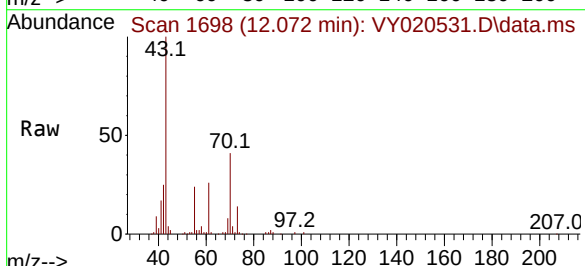
Ion Ratio Lower Upper

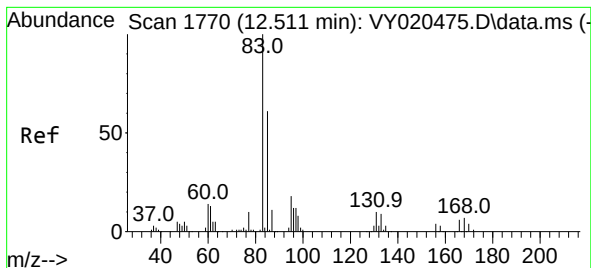
43 100

70 43.5 32.9 49.3

55 25.1 19.3 28.9

61 25.0 19.0 28.4





#75

1,1,2-Tetrachloroethane

Concen: 21.030 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

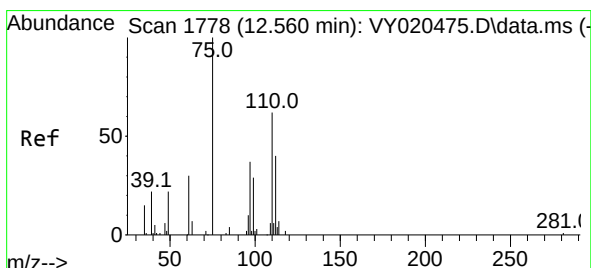
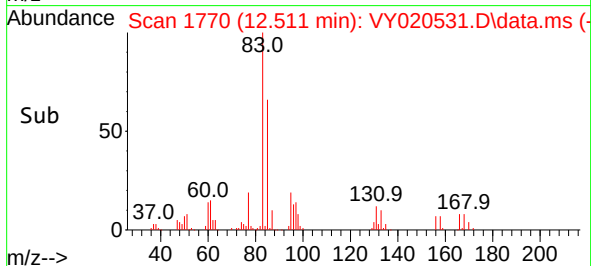
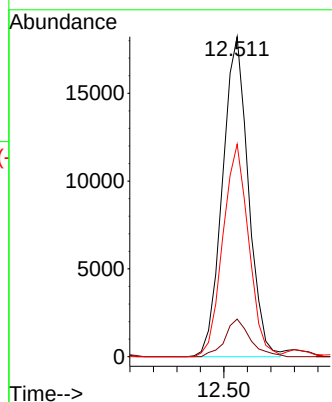
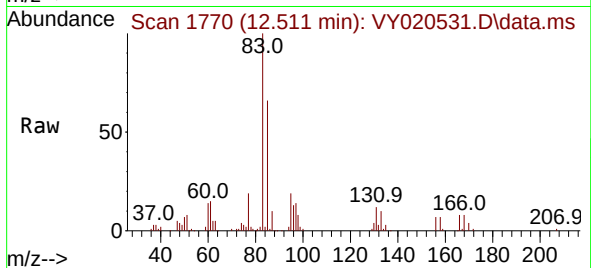
Tgt Ion: 83 Resp: 27870

Ion Ratio Lower Upper

83 100

131 11.5 4.8 14.4

85 66.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 39.090 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020531.D

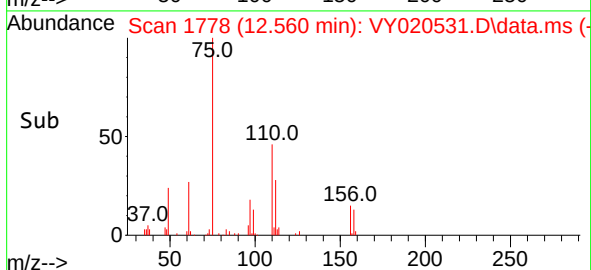
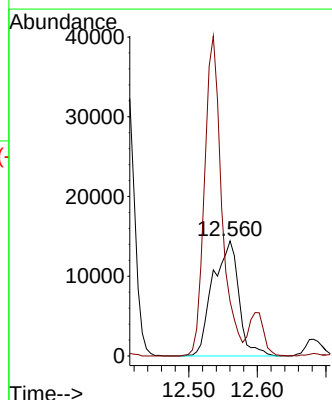
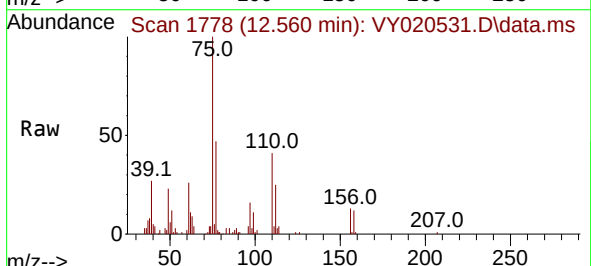
Acq: 06 Dec 2024 12:41

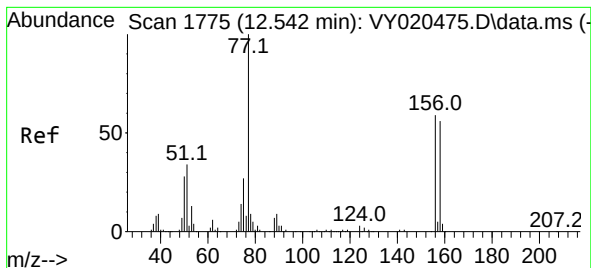
Tgt Ion: 75 Resp: 37927

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.440 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

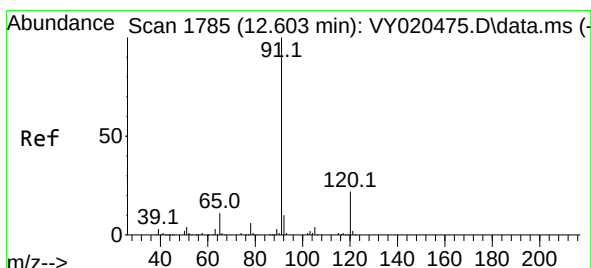
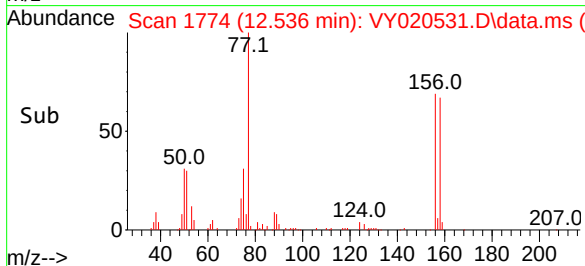
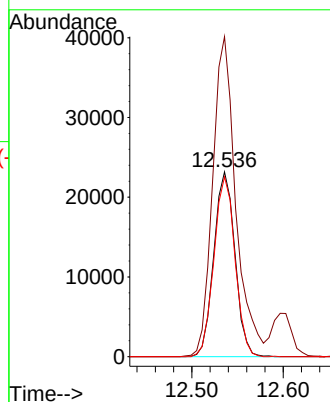
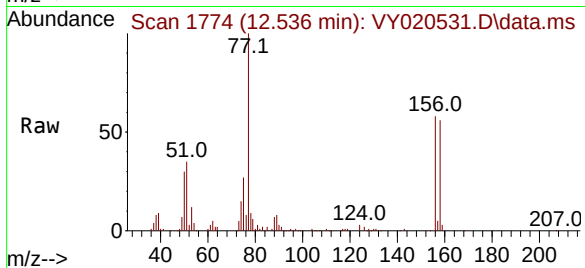
Tgt Ion:156 Resp: 37099

Ion Ratio Lower Upper

156 100

77 190.3 97.2 291.6

158 97.3 47.8 143.4



#78

n-propylbenzene

Concen: 18.620 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VY020531.D

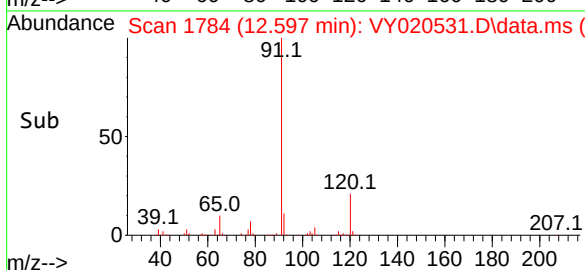
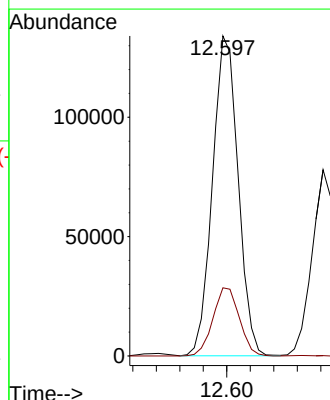
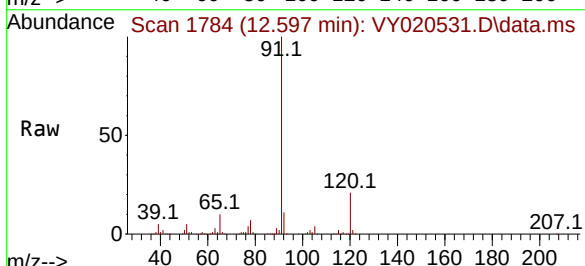
Acq: 06 Dec 2024 12:41

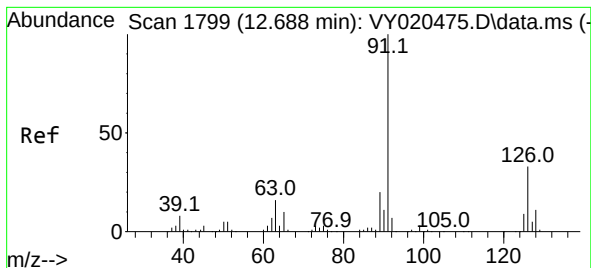
Tgt Ion: 91 Resp: 203159

Ion Ratio Lower Upper

91 100

120 21.9 10.9 32.6

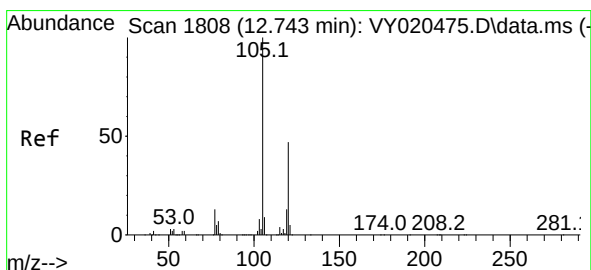
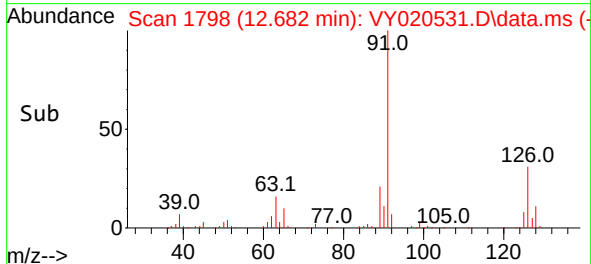
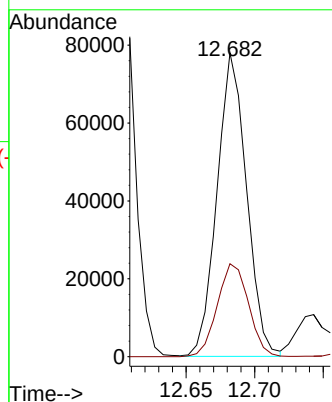
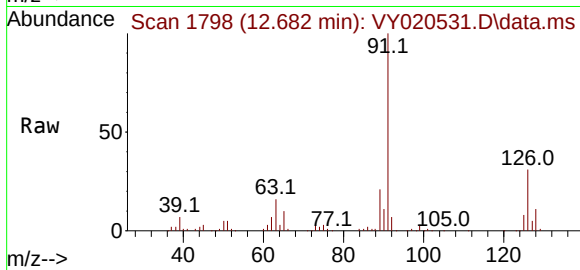




#79
2-Chlorotoluene
Concen: 18.995 ug/l
RT: 12.682 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

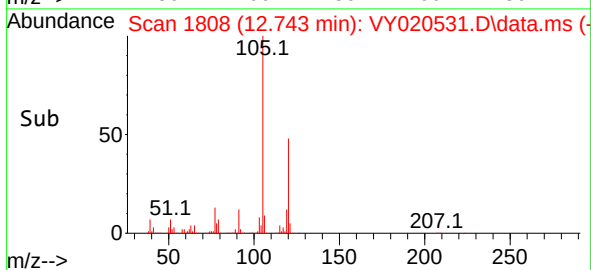
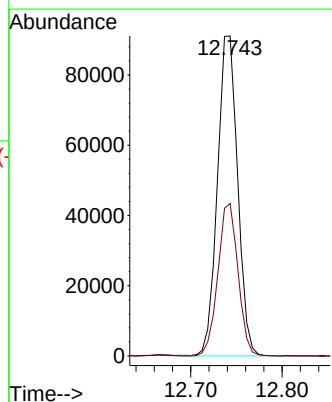
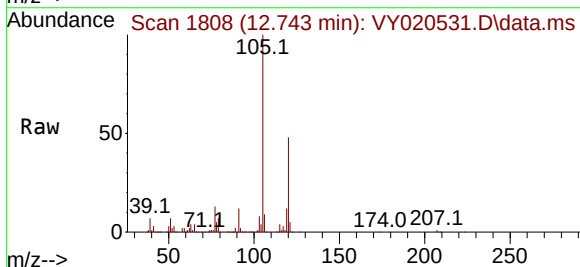
Instrument :
MSVOA_Y
ClientSampleId :

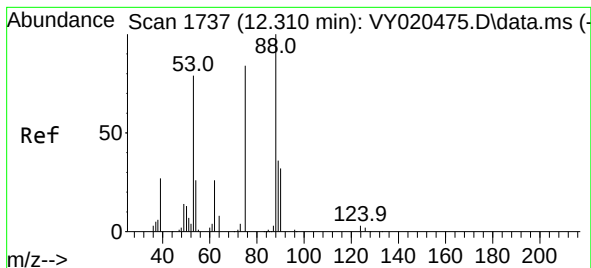
Tgt Ion: 91 Resp: 116944
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 19.000 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Tgt Ion: 105 Resp: 140315
Ion Ratio Lower Upper
105 100
120 47.4 24.3 72.8

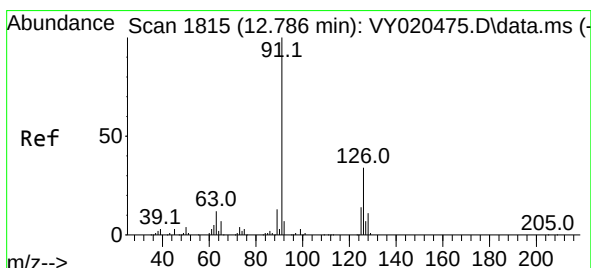
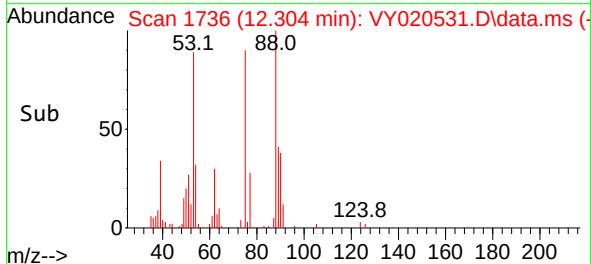
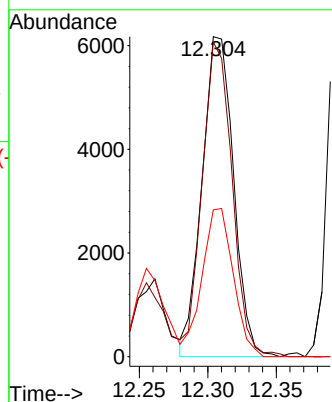
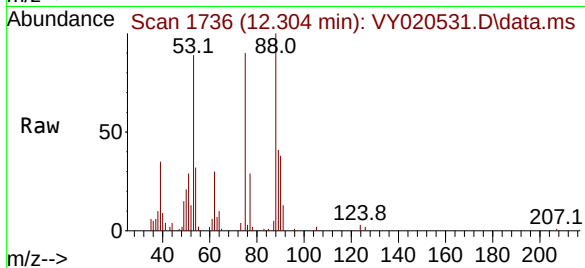




#81
trans-1,4-Dichloro-2-butene
Concen: 20.894 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

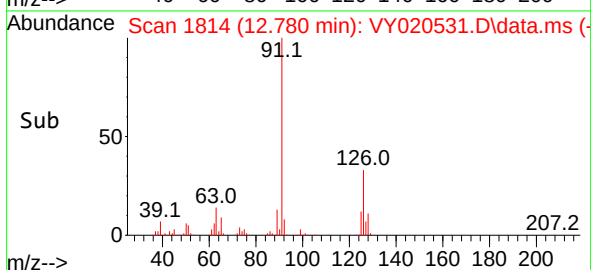
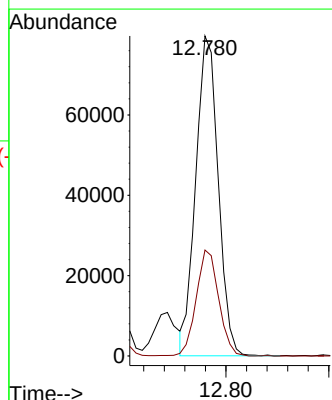
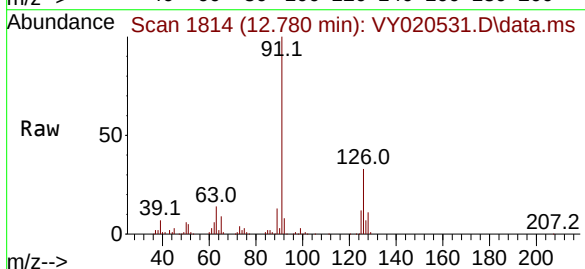
Instrument :
MSVOA_Y
ClientSampleId :

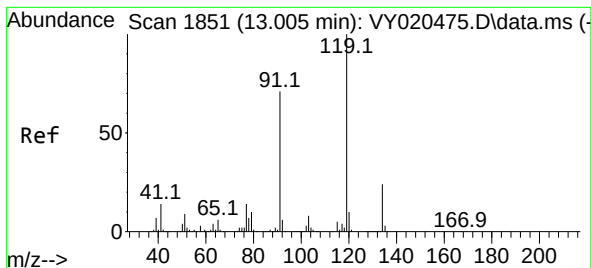
Tgt Ion: 75 Resp: 9880
Ion Ratio Lower Upper
75 100
53 93.4 81.1 121.7
89 46.0 35.1 52.7



#82
4-Chlorotoluene
Concen: 19.247 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY020531.D
Acq: 06 Dec 2024 12:41

Tgt Ion: 91 Resp: 120924
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.8





#83

tert-Butylbenzene

Concen: 19.258 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

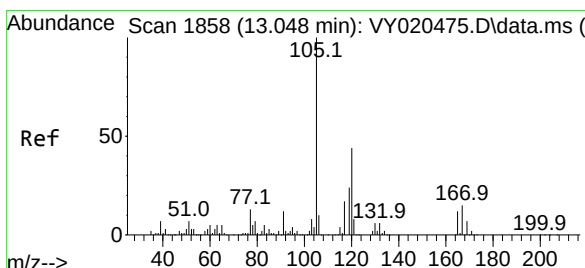
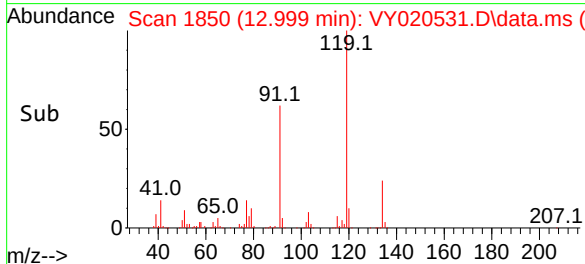
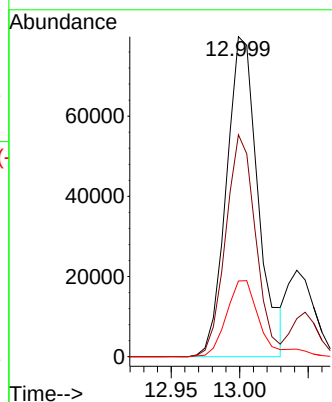
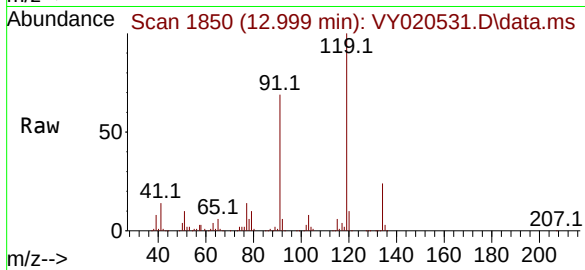
Tgt Ion:119 Resp: 128580

Ion Ratio Lower Upper

119 100

91 65.7 33.3 99.9

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.082 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY020531.D

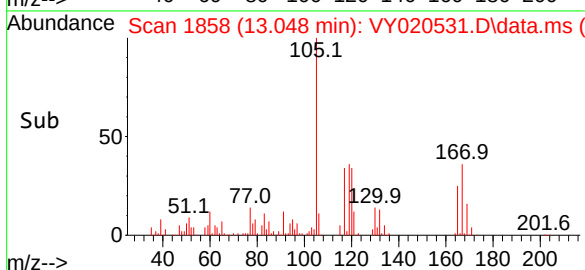
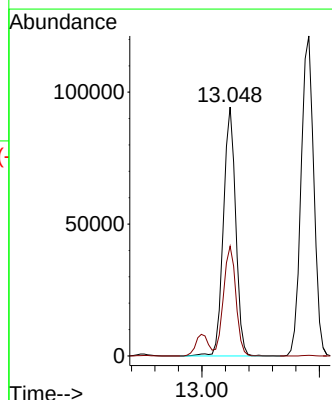
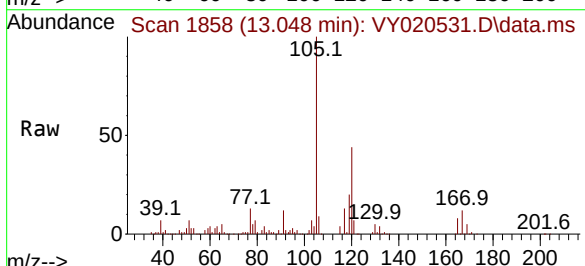
Acq: 06 Dec 2024 12:41

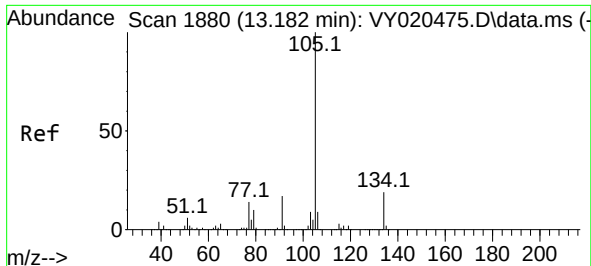
Tgt Ion:105 Resp: 136970

Ion Ratio Lower Upper

105 100

120 44.8 22.0 66.0

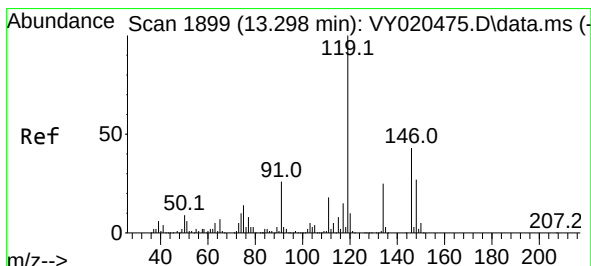
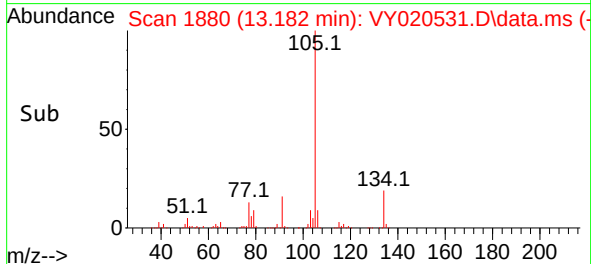
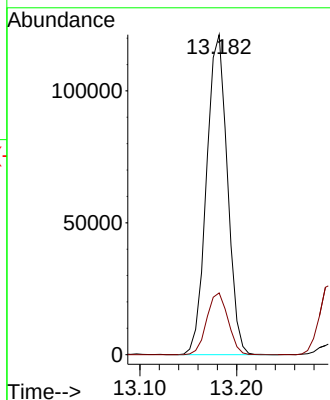
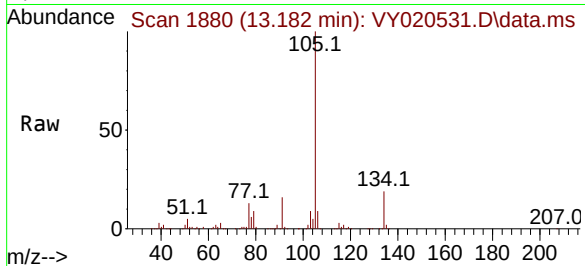




#85
 sec-Butylbenzene
 Concen: 19.002 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.000 min
 Lab File: VY020531.D
 Acq: 06 Dec 2024 12:41

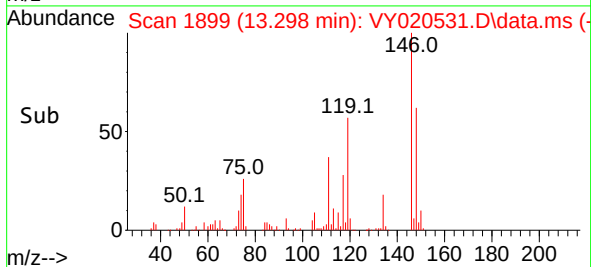
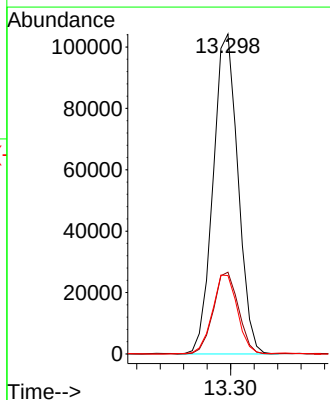
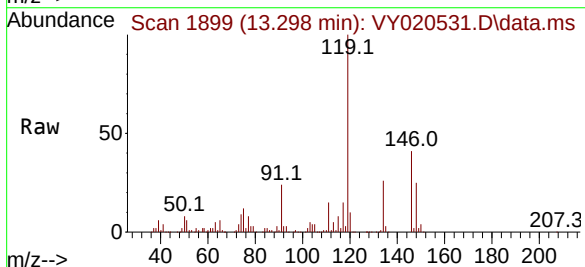
Instrument :
 MSVOA_Y
 ClientSampleId :

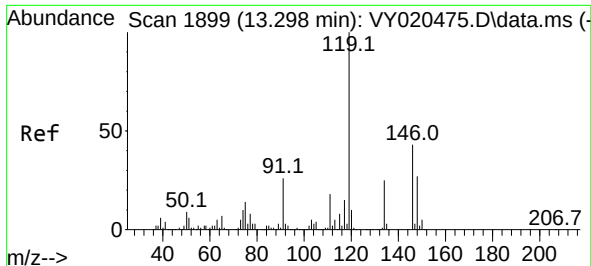
Tgt Ion:105 Resp: 181819
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.405 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.000 min
 Lab File: VY020531.D
 Acq: 06 Dec 2024 12:41

Tgt Ion:119 Resp: 153436
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 24.9 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 20.466 ug/l

RT: 13.292 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

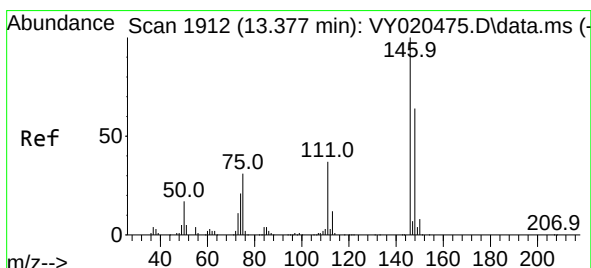
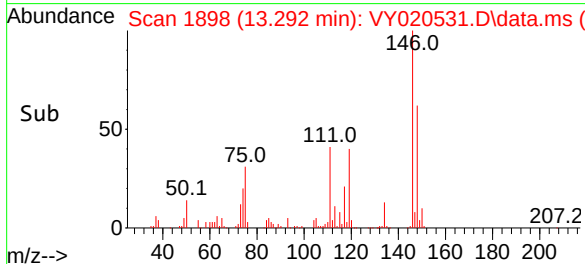
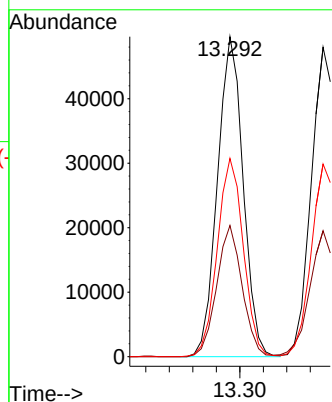
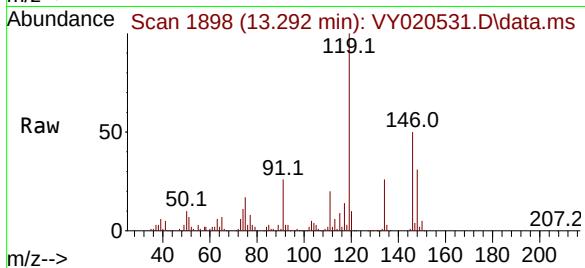
Tgt Ion:146 Resp: 75324

Ion Ratio Lower Upper

146 100

111 40.6 20.5 61.6

148 62.9 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 20.323 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

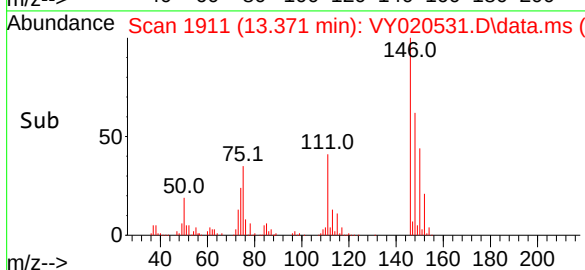
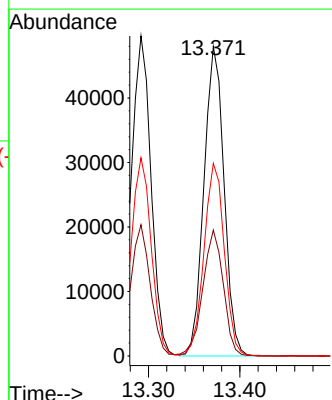
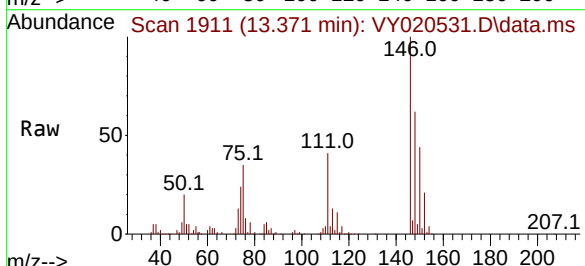
Tgt Ion:146 Resp: 73224

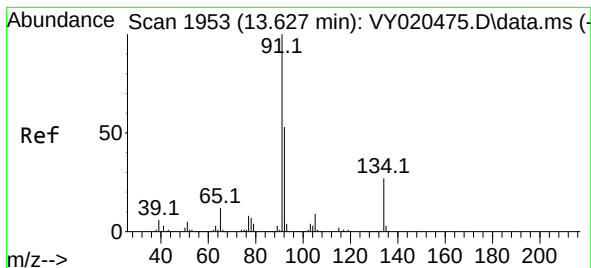
Ion Ratio Lower Upper

146 100

111 41.5 19.9 59.6

148 63.1 32.0 96.2





#89

n-Butylbenzene

Concen: 19.325 ug/l

RT: 13.621 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

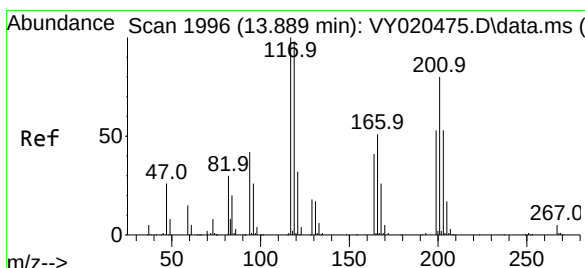
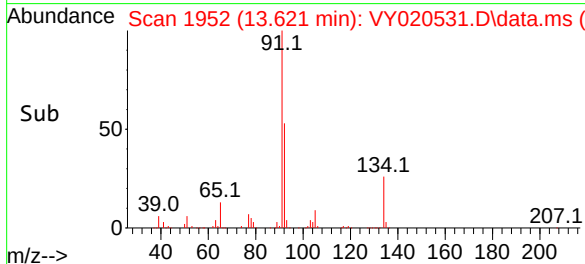
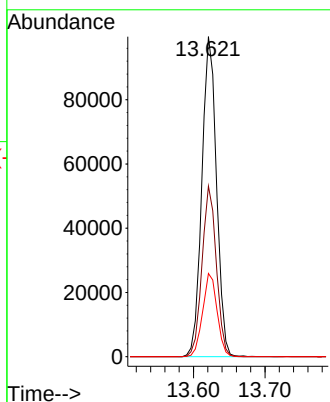
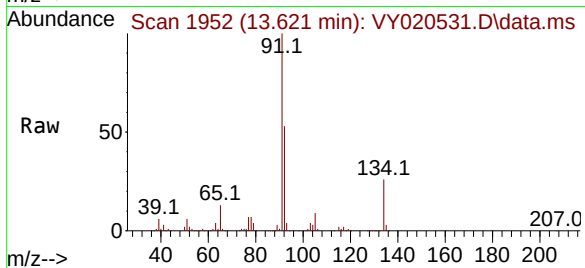
Tgt Ion: 91 Resp: 141722

Ion Ratio Lower Upper

91 100

92 52.1 26.5 79.5

134 25.7 12.2 36.4



#90

Hexachloroethane

Concen: 19.658 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020531.D

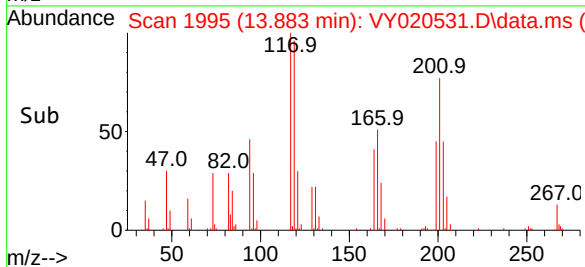
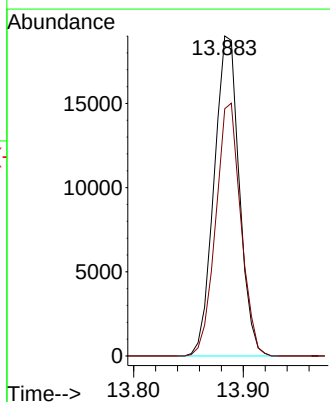
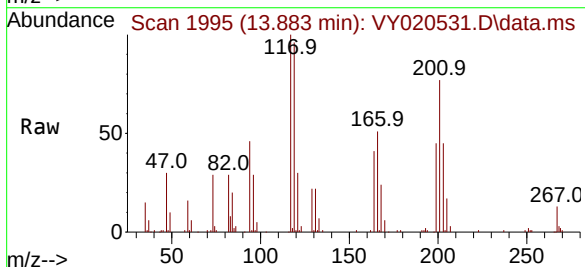
Acq: 06 Dec 2024 12:41

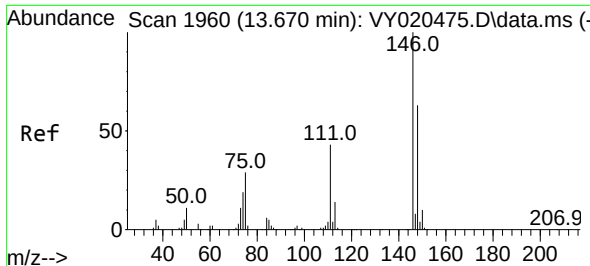
Tgt Ion: 117 Resp: 30293

Ion Ratio Lower Upper

117 100

201 78.8 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 20.949 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VY020531.D

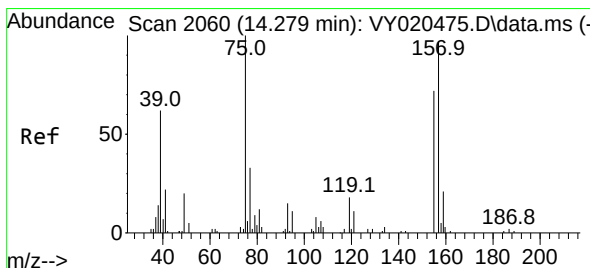
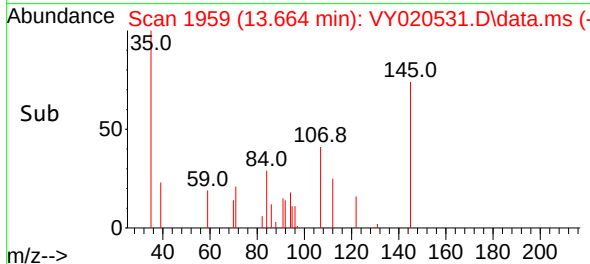
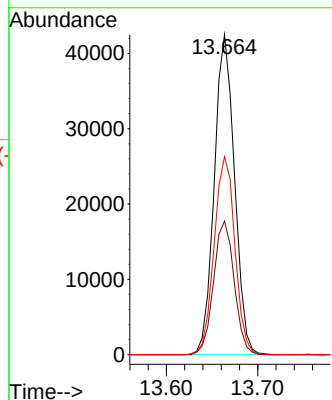
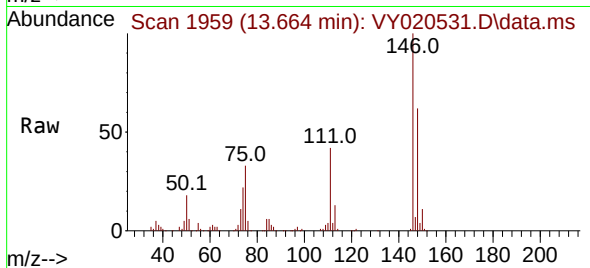
Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	65386
Ion Ratio	Lower	Upper
146	100	
111	42.5	20.8 62.5
148	63.4	31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.188 ug/l

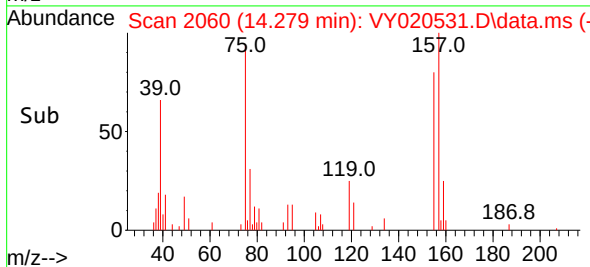
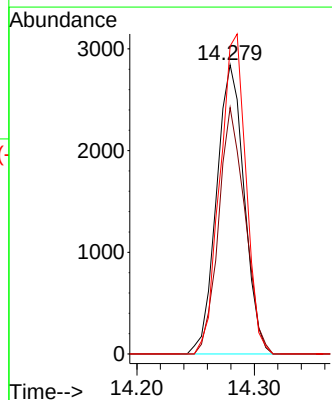
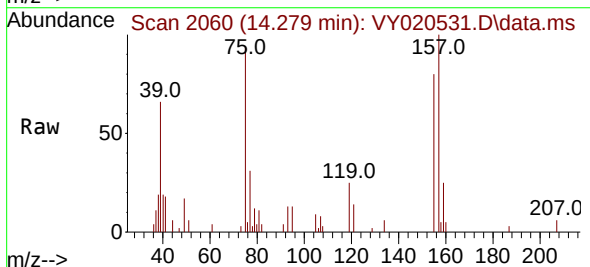
RT: 14.279 min Scan# 2060

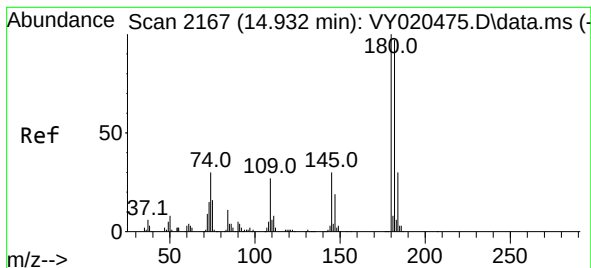
Delta R.T. 0.000 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Tgt Ion: 75	Resp:	4652
Ion Ratio	Lower	Upper
75	100	
155	81.3	39.7 119.1
157	104.0	52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 21.971 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

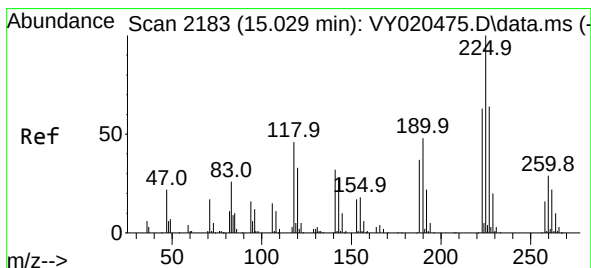
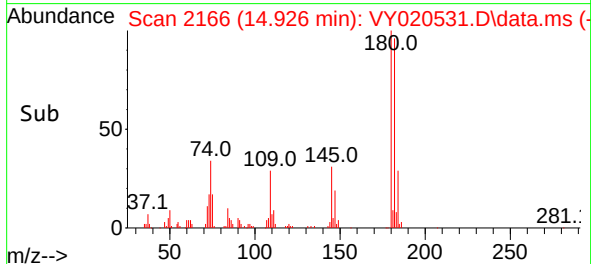
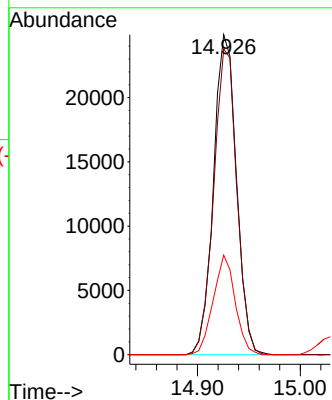
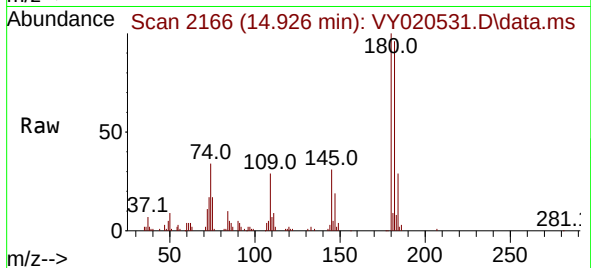
Tgt Ion:180 Resp: 38560

Ion Ratio Lower Upper

180 100

182 96.1 47.6 142.8

145 29.8 15.8 47.3



#94

Hexachlorobutadiene

Concen: 20.362 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

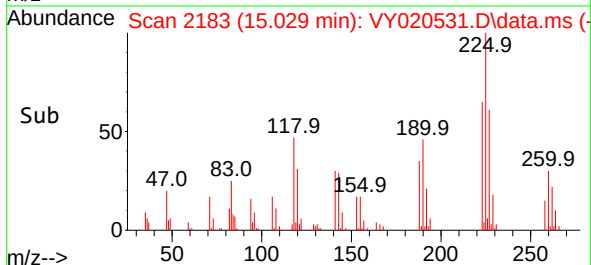
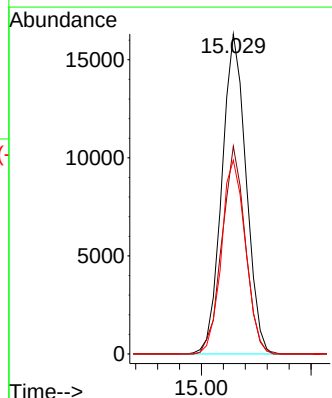
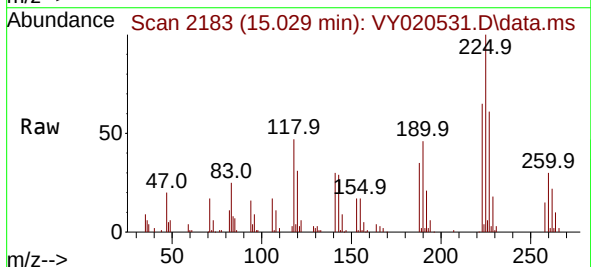
Tgt Ion:225 Resp: 25000

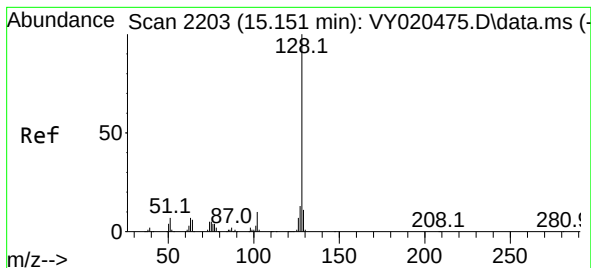
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.5

227 60.2 32.3 96.8





#95

Naphthalene

Concen: 23.623 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

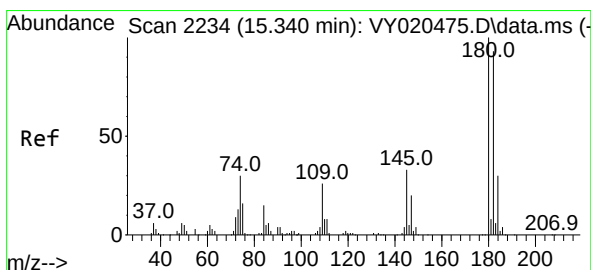
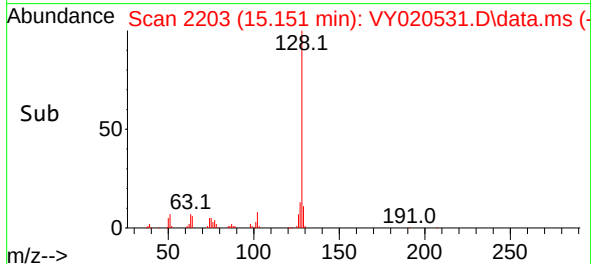
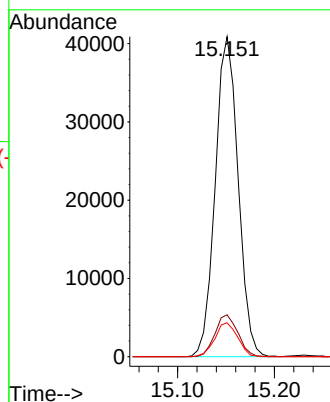
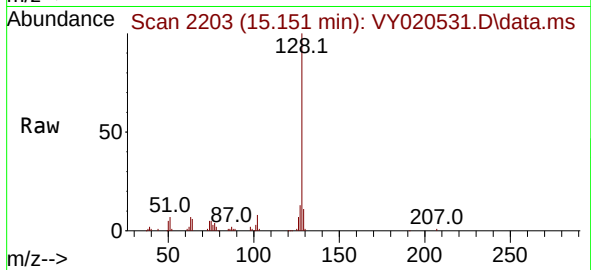
Tgt Ion:128 Resp: 67091

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 23.209 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020531.D

Acq: 06 Dec 2024 12:41

Tgt Ion:180 Resp: 32867

Ion Ratio Lower Upper

180 100

182 92.1 47.4 142.3

145 31.3 16.9 50.6

