

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020578.D
 Acq On : 10 Dec 2024 18:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 00:53:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	125896	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	207894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	186171	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	98004	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	68405	53.425	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.860%	
35) Dibromofluoromethane	7.634	113	64562	49.329	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.660%	
50) Toluene-d8	10.103	98	232357	46.624	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.240%	
62) 4-Bromofluorobenzene	12.401	95	87553	50.231	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 100.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	59212	48.217	ug/l	100
3) Chloromethane	2.068	50	64365	51.766	ug/l	98
4) Vinyl Chloride	2.202	62	62819	49.552	ug/l	98
5) Bromomethane	2.592	94	38928	52.334	ug/l	98
6) Chloroethane	2.732	64	40073	51.573	ug/l	100
7) Trichlorofluoromethane	3.062	101	112553	47.403	ug/l	99
8) Diethyl Ether	3.452	74	39150	58.195	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	66117	47.791	ug/l	99
10) Methyl Iodide	4.007	142	83065	53.484	ug/l	96
11) Tert butyl alcohol	4.860	59	32255	388.346	ug/l	99
12) 1,1-Dichloroethene	3.793	96	64964	49.709	ug/l	90
13) Acrolein	3.653	56	13995	179.968	ug/l	100
14) Allyl chloride	4.385	41	121109	51.958	ug/l	95
15) Acrylonitrile	5.061	53	94412	336.820	ug/l	99
16) Acetone	3.866	43	82424	258.898	ug/l	97
17) Carbon Disulfide	4.104	76	189714	50.720	ug/l	98
18) Methyl Acetate	4.391	43	47723	70.527	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	202504	60.675	ug/l	98
20) Methylene Chloride	4.610	84	78954	58.298	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	75677	52.134	ug/l	97
22) Diisopropyl ether	6.018	45	268260	57.877	ug/l	99
23) Vinyl Acetate	5.964	43	748644	305.368	ug/l	99
24) 1,1-Dichloroethane	5.915	63	149682	53.641	ug/l	99
25) 2-Butanone	6.890	43	125666	312.592	ug/l	95
26) 2,2-Dichloropropane	6.884	77	111435	42.221	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	92156	54.371	ug/l	96
28) Bromochloromethane	7.244	49	65137	62.508	ug/l	96
29) Tetrahydrofuran	7.262	42	80068	349.119	ug/l	97
30) Chloroform	7.421	83	156437	54.624	ug/l	96
31) Cyclohexane	7.701	56	116532	46.193	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	136009	49.321	ug/l	98
36) 1,1-Dichloropropene	7.835	75	104919	47.471	ug/l	100
37) Ethyl Acetate	6.988	43	57121	65.235	ug/l	98
38) Carbon Tetrachloride	7.817	117	122805	46.555	ug/l	97
39) Methylcyclohexane	9.109	83	126736	46.211	ug/l	98
40) Benzene	8.079	78	328929	50.477	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	29627	59.520	ug/l	95
42) 1,2-Dichloroethane	8.158	62	95599	55.832	ug/l	99
43) Isopropyl Acetate	8.195	43	110831	62.683	ug/l	98
44) Trichloroethene	8.859	130	79318	49.375	ug/l	100
45) 1,2-Dichloropropane	9.140	63	80808	52.992	ug/l	100
46) Dibromomethane	9.231	93	44173	58.506	ug/l	97
47) Bromodichloromethane	9.420	83	120638	54.232	ug/l	98
48) Methyl methacrylate	9.219	41	51258	62.169	ug/l	96
49) 1,4-Dioxane	9.231	88	10905	1511.048	ug/l	98
51) 4-Methyl-2-Pentanone	9.993	43	292066	334.484	ug/l	99
52) Toluene	10.170	92	207711	51.088	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	109260	54.710	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	126979	53.800	ug/l	96
55) 1,1,2-Trichloroethane	10.566	97	59737	59.312	ug/l	99
56) Ethyl methacrylate	10.432	69	89940	63.113	ug/l	95
57) 1,3-Dichloropropane	10.713	76	107098	59.383	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	205507	308.001	ug/l	98
59) 2-Hexanone	10.755	43	200199	317.815	ug/l	98
60) Dibromochloromethane	10.908	129	80835	57.648	ug/l	99
61) 1,2-Dibromoethane	11.011	107	54606	59.288	ug/l	98
64) Tetrachloroethene	10.646	164	81920	52.076	ug/l	96
65) Chlorobenzene	11.438	112	225314	48.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	81120	49.017	ug/l	99
67) Ethyl Benzene	11.518	91	408795	46.736	ug/l	100
68) m/p-Xylenes	11.627	106	301962	94.278	ug/l	99
69) o-Xylene	11.950	106	145449	48.473	ug/l	100
70) Styrene	11.969	104	251302	50.199	ug/l	100
71) Bromoform	12.127	173	47660	56.643	ug/l #	99
73) Isopropylbenzene	12.249	105	388733	40.995	ug/l	100
74) N-amyl acetate	12.066	43	102415	55.105	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	70342	51.584	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	92288	92.440	ug/l #	100
77) Bromobenzene	12.530	156	88644	45.141	ug/l	98
78) n-propylbenzene	12.590	91	464979	41.416	ug/l	99
79) 2-Chlorotoluene	12.676	91	270380	42.680	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	322404	42.428	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	23733	48.777	ug/l	95
82) 4-Chlorotoluene	12.773	91	279923	43.300	ug/l	99
83) tert-Butylbenzene	12.993	119	290672	42.309	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	322337	43.642	ug/l	100
85) sec-Butylbenzene	13.176	105	413691	42.017	ug/l	99
86) p-Isopropyltoluene	13.292	119	349801	42.993	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	174002	45.946	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	173559	46.813	ug/l	99
89) n-Butylbenzene	13.615	91	327975	43.463	ug/l	99
90) Hexachloroethane	13.877	117	69182	43.630	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	156719	48.797	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11185	54.181	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	95171	52.700	ug/l	100
94) Hexachlorobutadiene	15.023	225	58052	45.950	ug/l	100
95) Naphthalene	15.145	128	178210	60.981	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	82488	56.607	ug/l	99

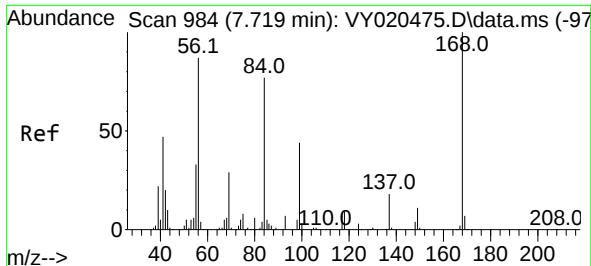
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
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Response via : Initial Calibration

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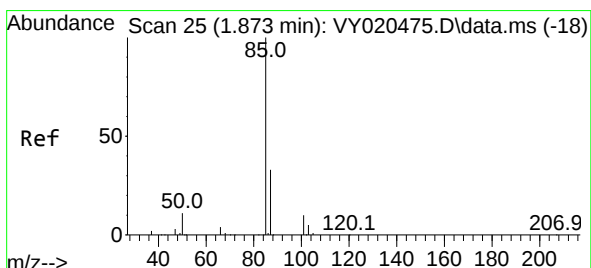
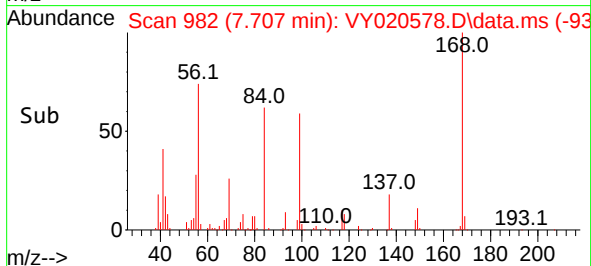
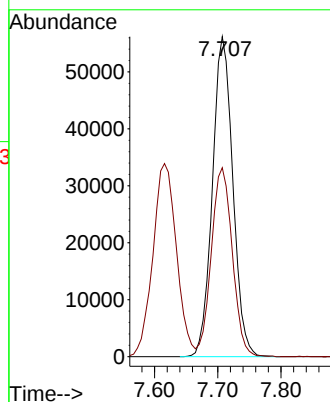
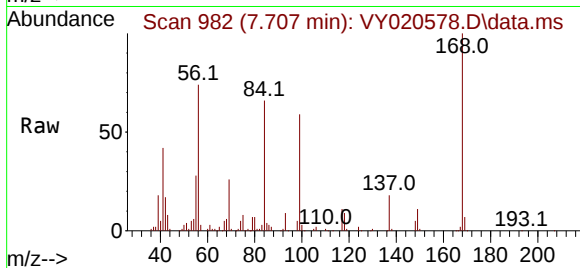
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

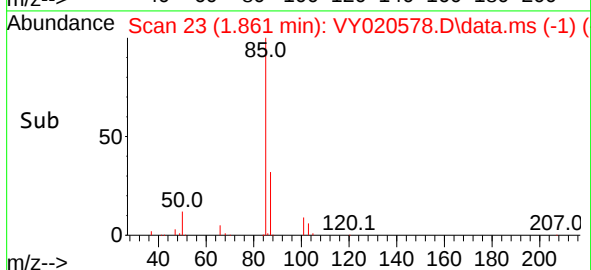
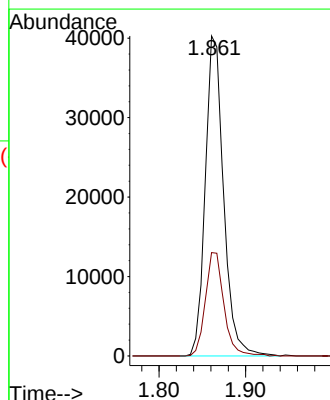
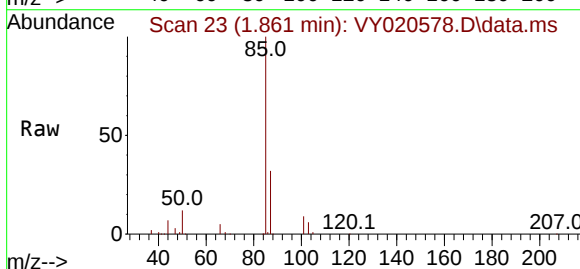
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MSVOA_Y
ClientSampleId :

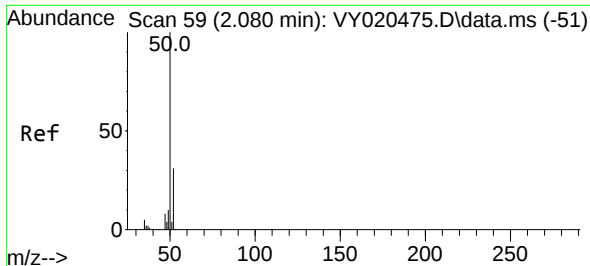
Tgt Ion:168 Resp: 125896
Ion Ratio Lower Upper
168 100
99 59.1 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 48.217 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion: 85 Resp: 59212
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2

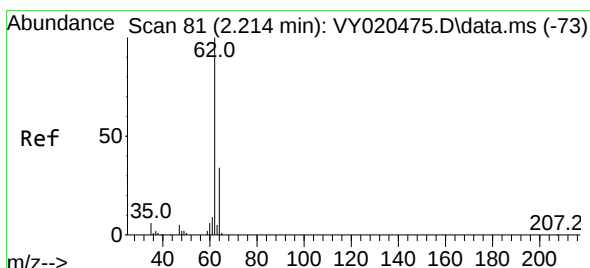
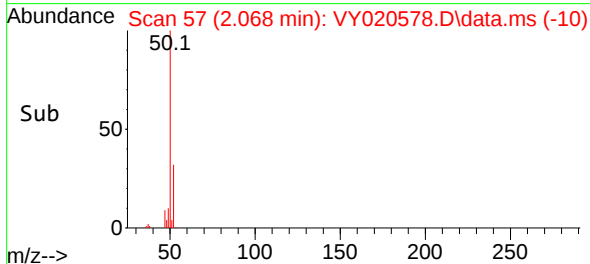
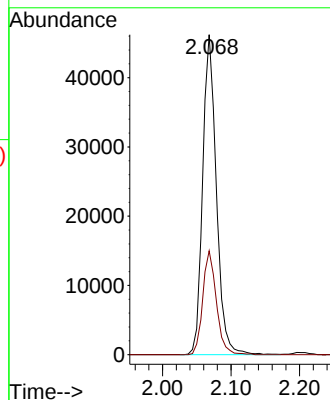
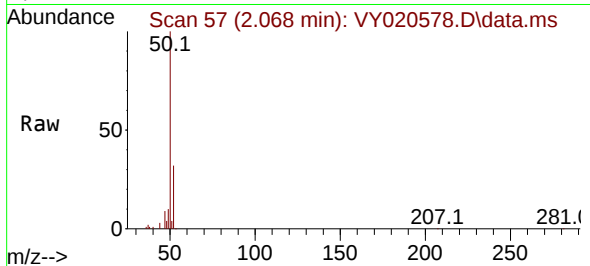




#3
Chloromethane
Concen: 51.766 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

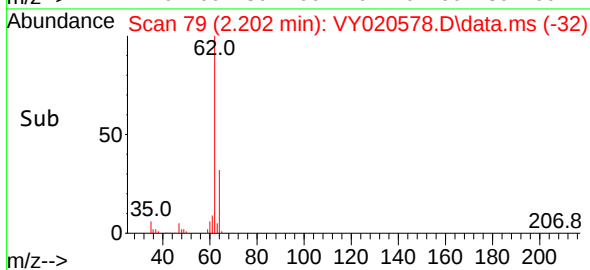
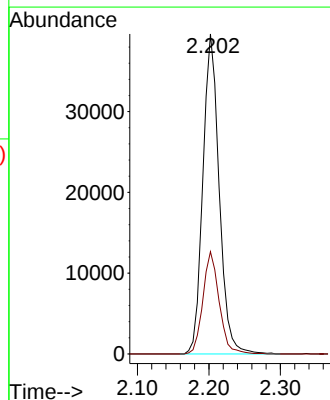
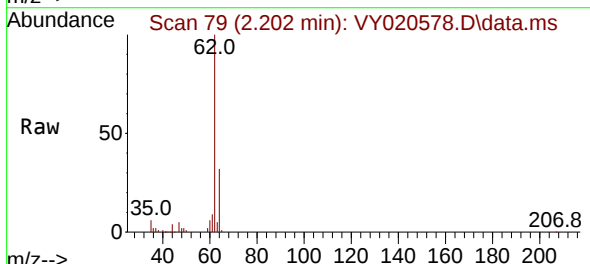
Instrument :
MSVOA_Y
ClientSampleId :

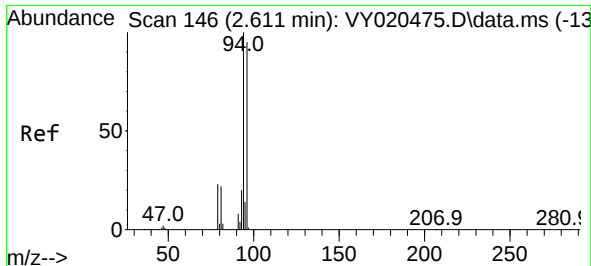
Tgt Ion: 50 Resp: 64365
Ion Ratio Lower Upper
50 100
52 32.5 26.9 40.3



#4
Vinyl Chloride
Concen: 49.552 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion: 62 Resp: 62819
Ion Ratio Lower Upper
62 100
64 31.9 24.7 37.1

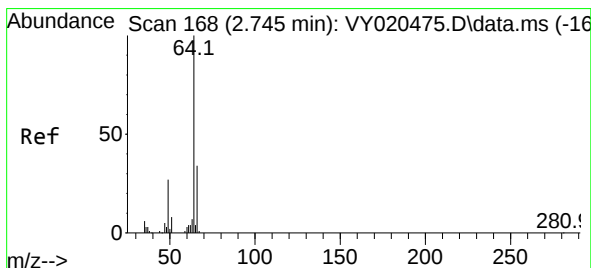
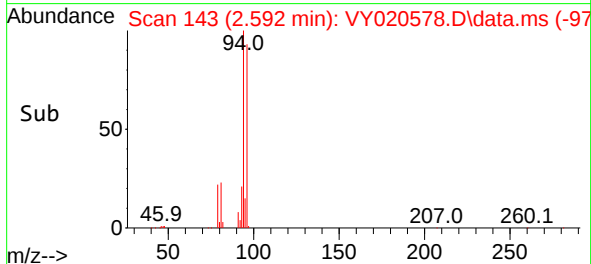
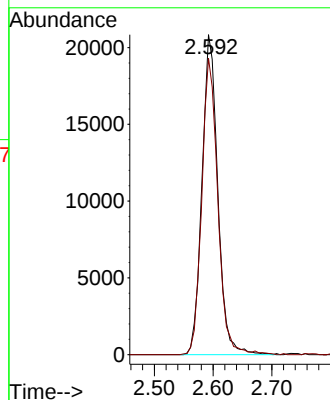
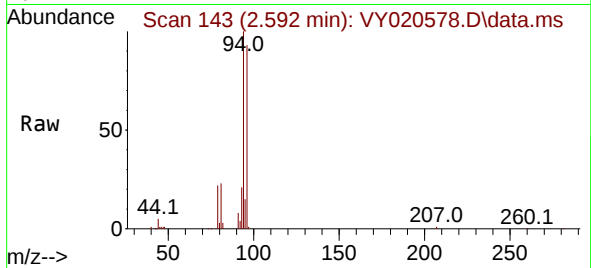




#5
Bromomethane
Concen: 52.334 ug/l
RT: 2.592 min Scan# 146
Delta R.T. -0.018 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

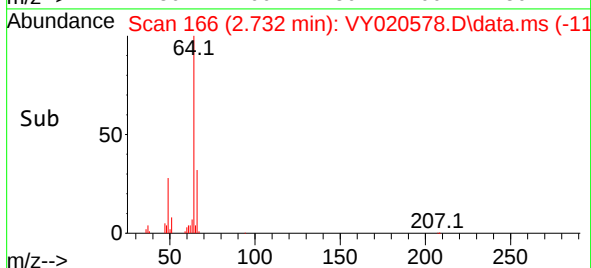
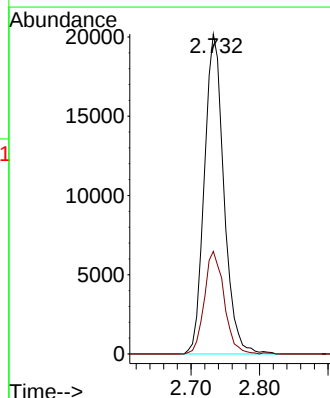
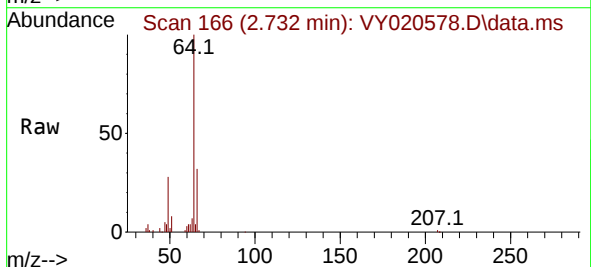
Instrument :
MSVOA_Y
ClientSampleId :

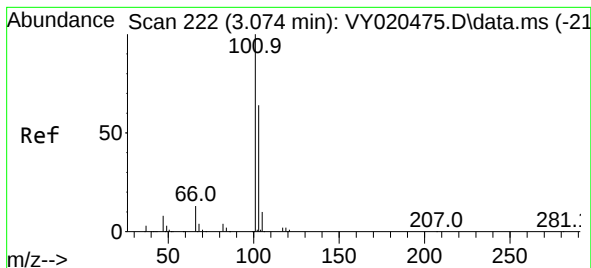
Tgt Ion: 94 Resp: 38928
Ion Ratio Lower Upper
94 100
96 92.7 75.4 113.2



#6
Chloroethane
Concen: 51.573 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion: 64 Resp: 40073
Ion Ratio Lower Upper
64 100
66 32.1 25.7 38.5





#7

Trichlorofluoromethane

Concen: 47.403 ug/l

RT: 3.062 min Scan# 21

Delta R.T. -0.012 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

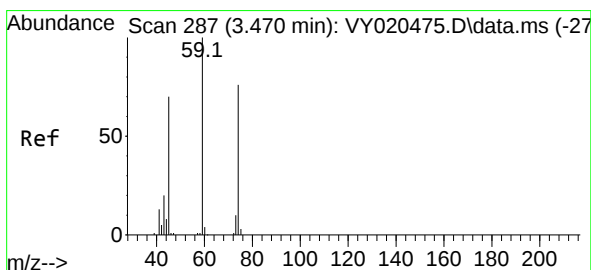
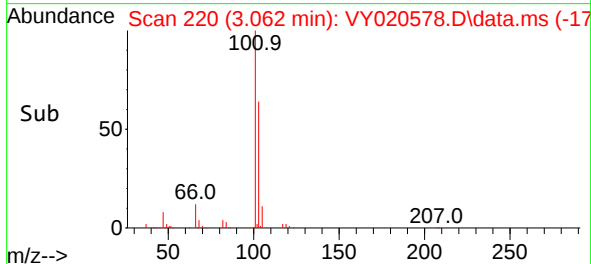
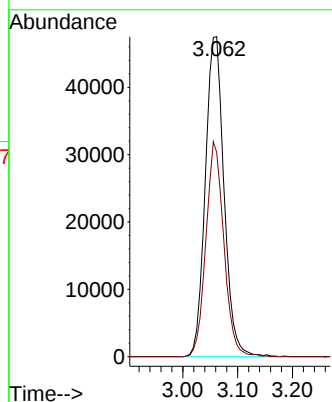
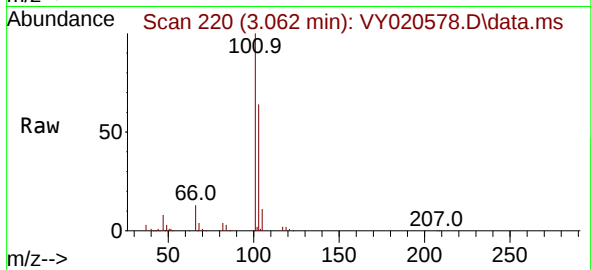
ClientSampleId :

Tgt Ion:101 Resp: 112553

Ion Ratio Lower Upper

101 100

103 63.9 51.5 77.3



#8

Diethyl Ether

Concen: 58.195 ug/l

RT: 3.452 min Scan# 284

Delta R.T. -0.018 min

Lab File: VY020578.D

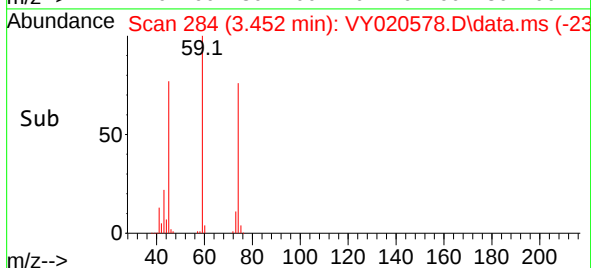
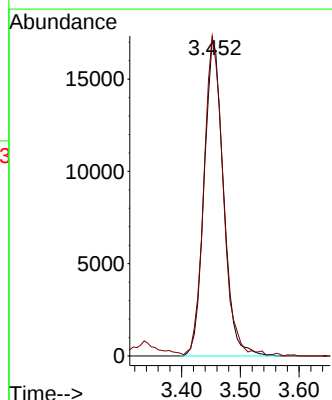
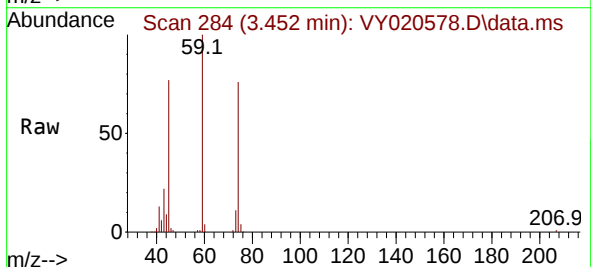
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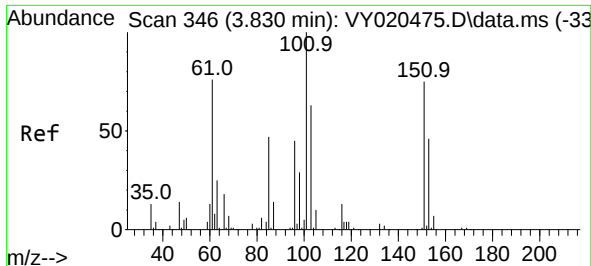
Tgt Ion: 74 Resp: 39150

Ion Ratio Lower Upper

74 100

45 100.3 53.6 160.8

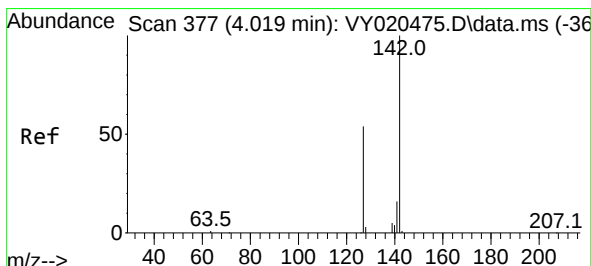
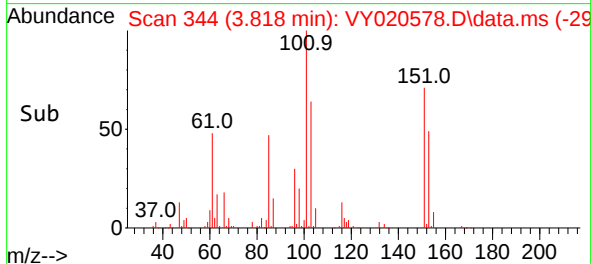
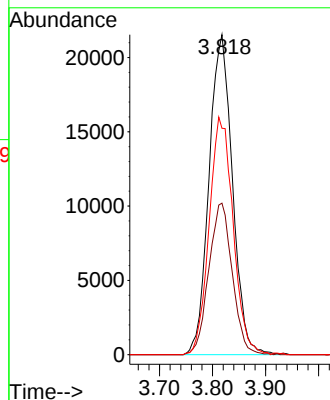
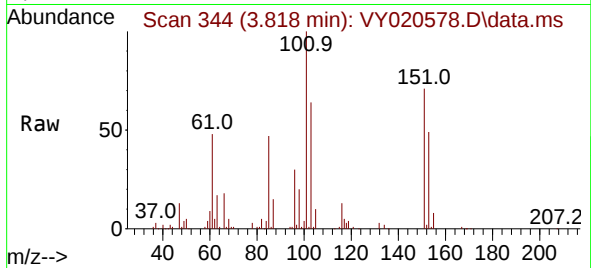




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.791 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY020578.D
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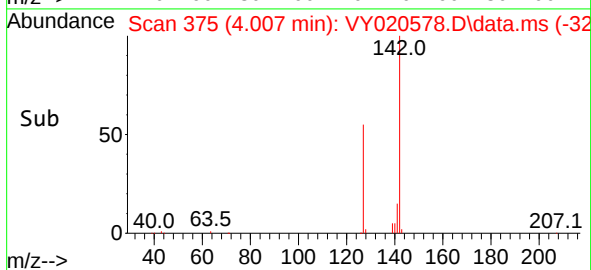
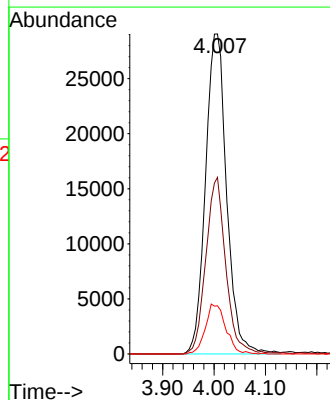
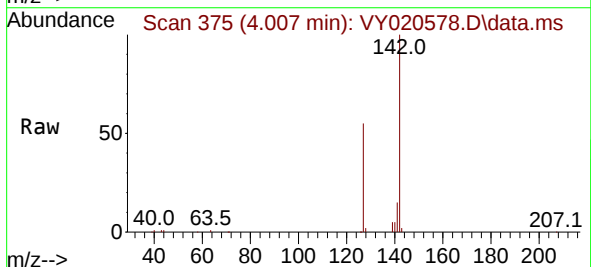
Instrument :
MSVOA_Y
ClientSampleId :

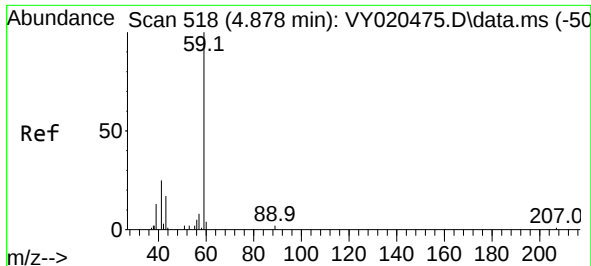
Tgt Ion:101 Resp: 66117
Ion Ratio Lower Upper
101 100
85 47.4 38.0 57.0
151 76.0 59.6 89.4



#10
Methyl Iodide
Concen: 53.484 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion:142 Resp: 83065
Ion Ratio Lower Upper
142 100
127 51.9 38.9 58.3
141 15.0 11.7 17.5

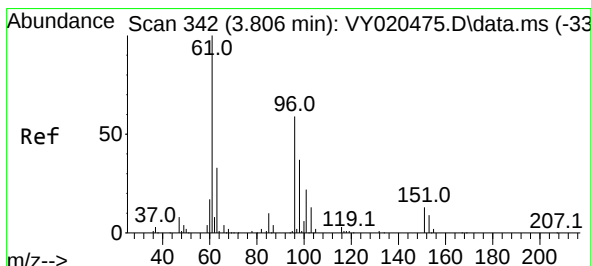
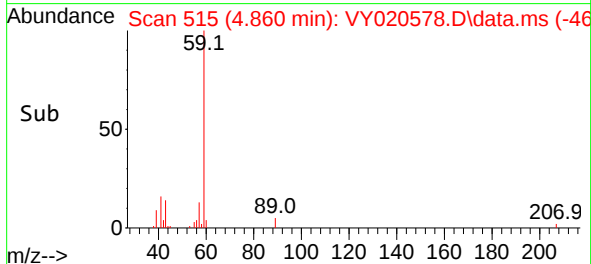
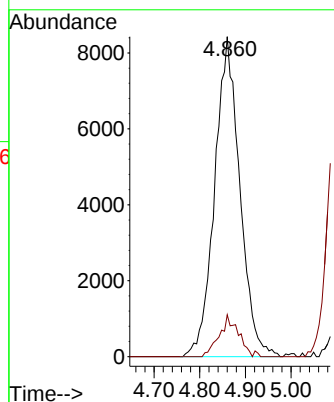
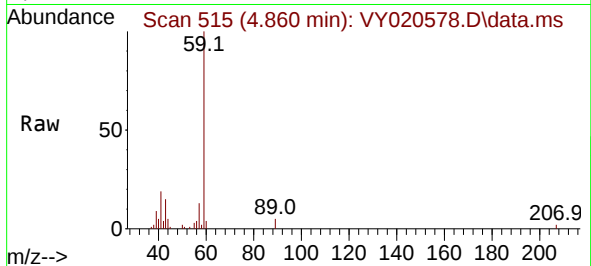




#11
Tert butyl alcohol
Concen: 388.346 ug/l
RT: 4.860 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

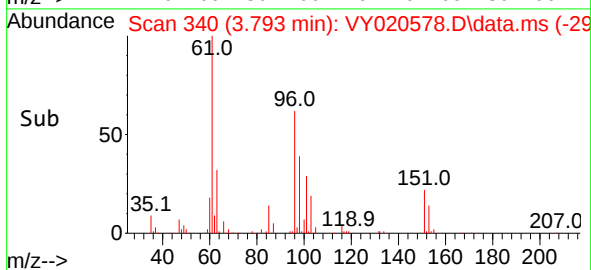
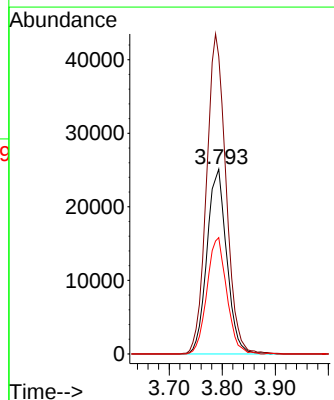
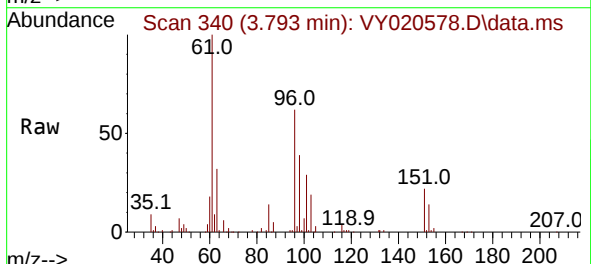
Instrument :
MSVOA_Y
ClientSampleId :

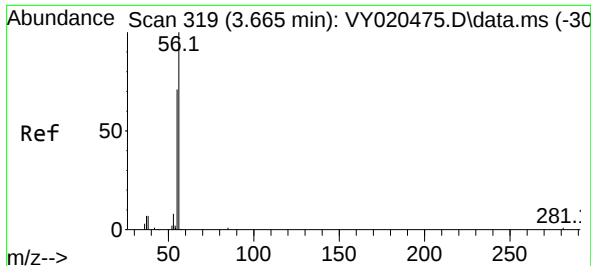
Tgt Ion: 59 Resp: 32255
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.709 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

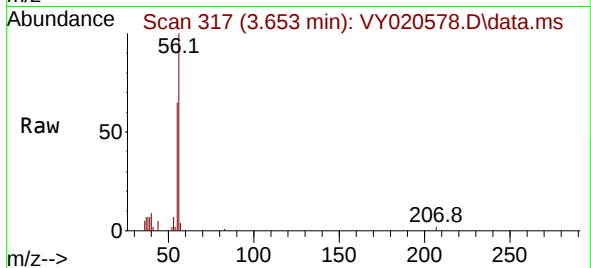
Tgt Ion: 96 Resp: 64964
Ion Ratio Lower Upper
96 100
61 160.9 143.3 214.9
98 63.0 49.8 74.8



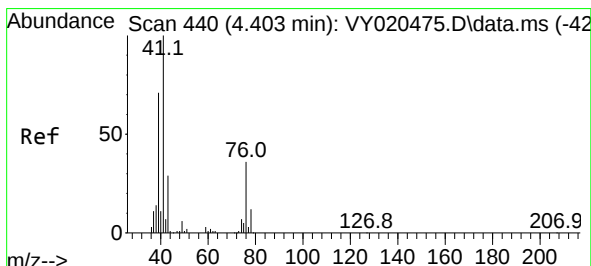
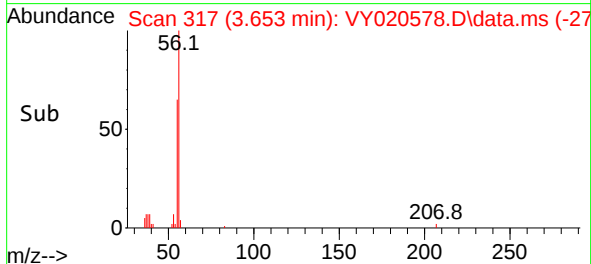
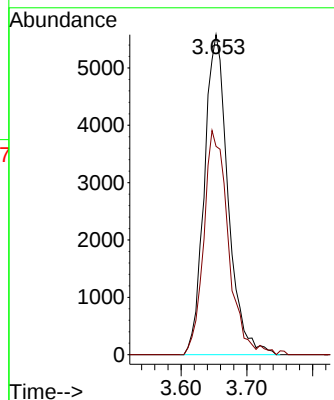


#13
Acrolein
Concen: 179.968 ug/l
RT: 3.653 min Scan# 319
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Instrument :
MSVOA_Y
ClientSampleId :

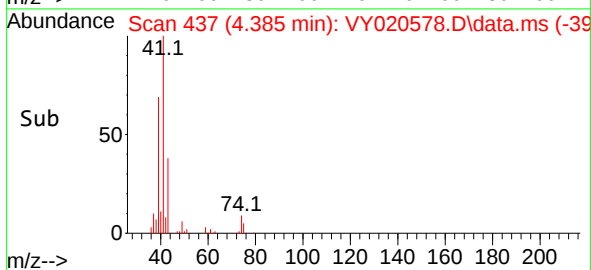
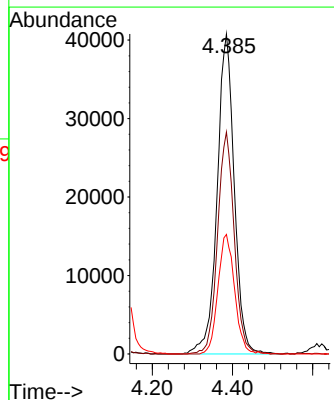
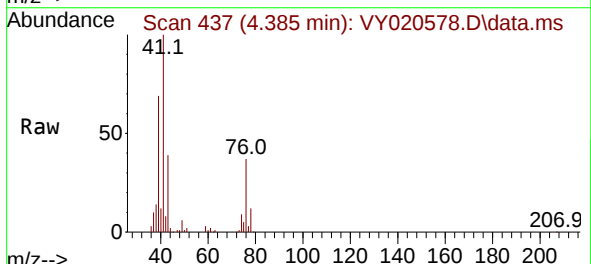


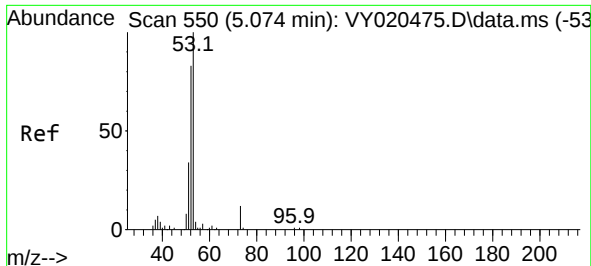
Tgt Ion: 56 Resp: 13995
Ion Ratio Lower Upper
56 100
55 72.5 57.7 86.5



#14
Allyl chloride
Concen: 51.958 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.018 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

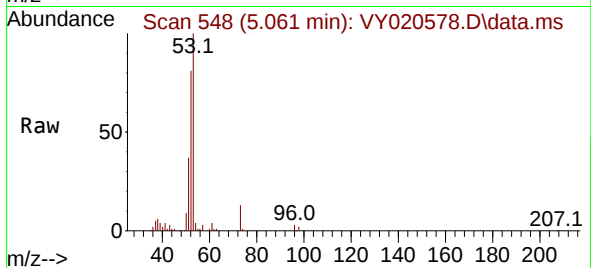
Tgt Ion: 41 Resp: 121109
Ion Ratio Lower Upper
41 100
39 67.4 58.8 88.2
76 36.4 29.7 44.5



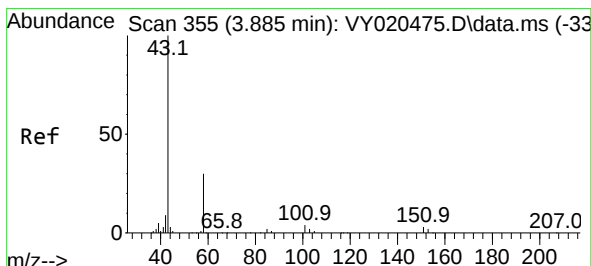
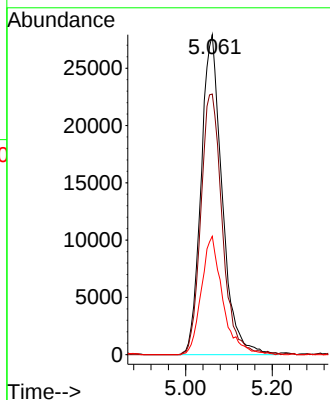
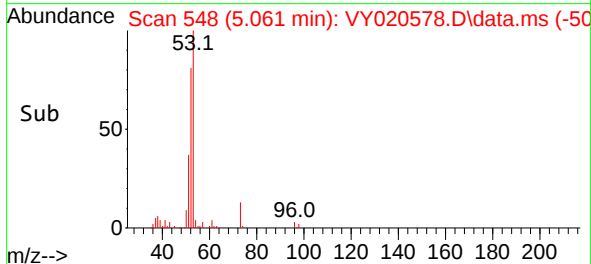


#15
Acrylonitrile
Concen: 336.820 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Instrument :
MSVOA_Y
ClientSampleId :

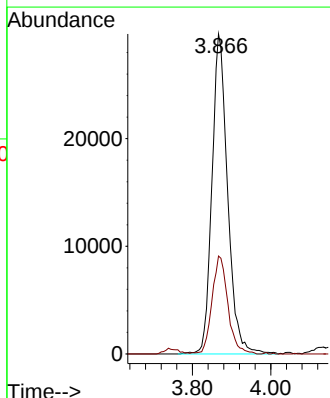
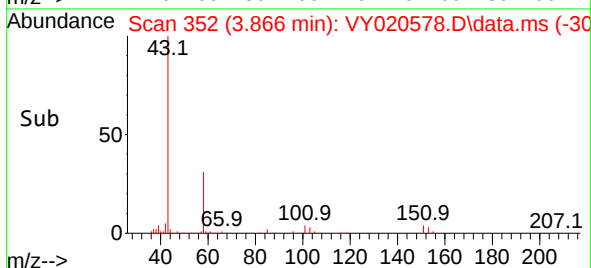
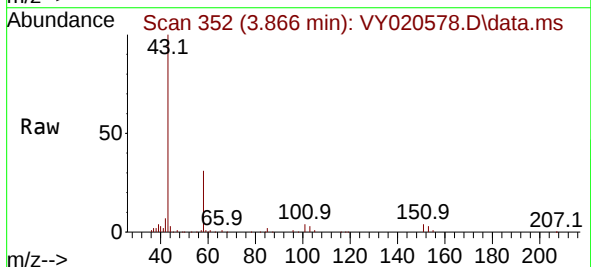


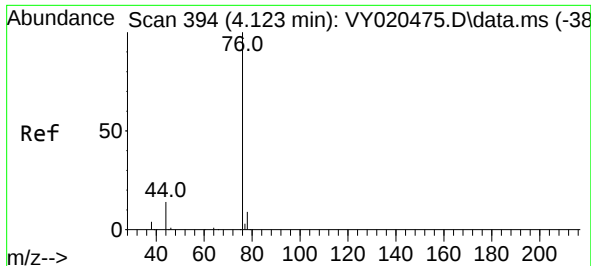
Tgt Ion:	53	Resp:	94412
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.2	97.8
51	37.7	30.2	45.4



#16
Acetone
Concen: 258.898 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.018 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion:	43	Resp:	82424
Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.7	38.5

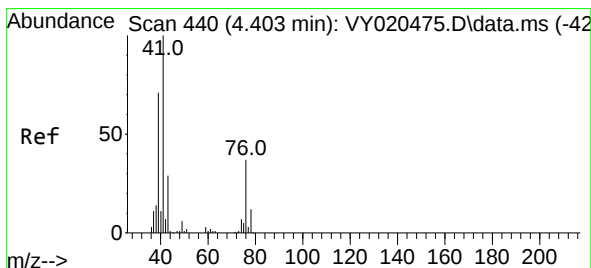
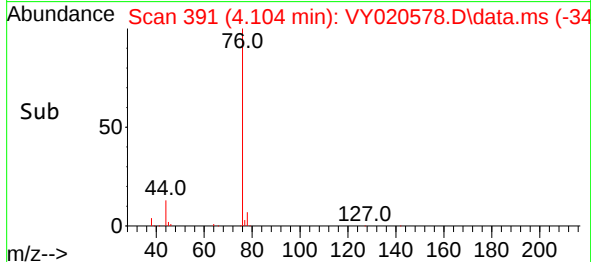
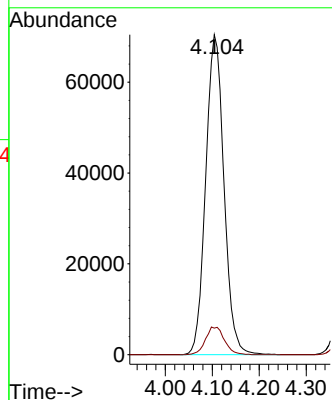
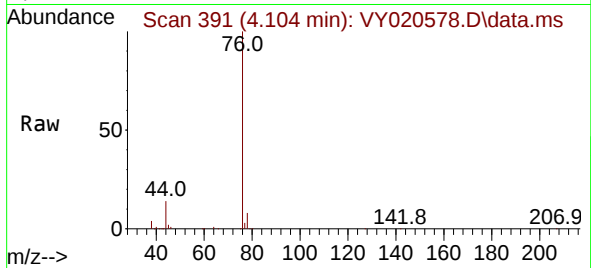




#17
Carbon Disulfide
Concen: 50.720 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.018 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

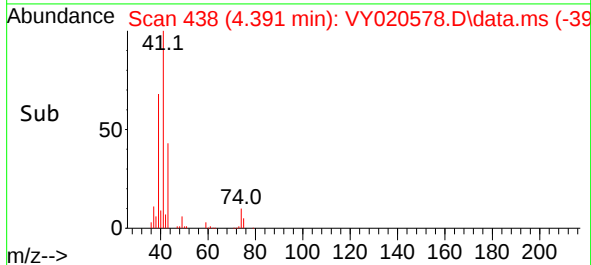
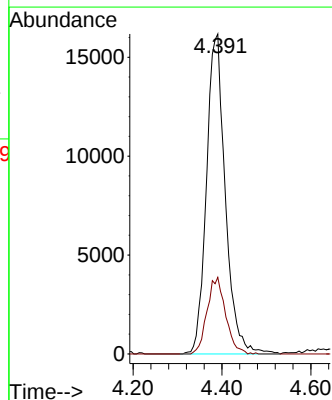
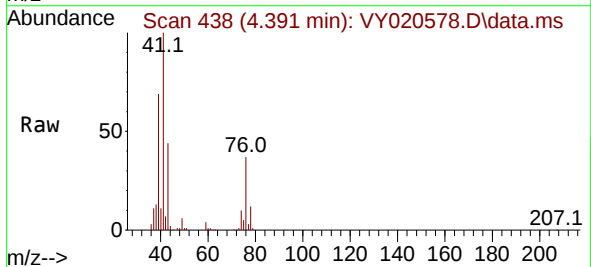
Instrument :
MSVOA_Y
ClientSampleId :

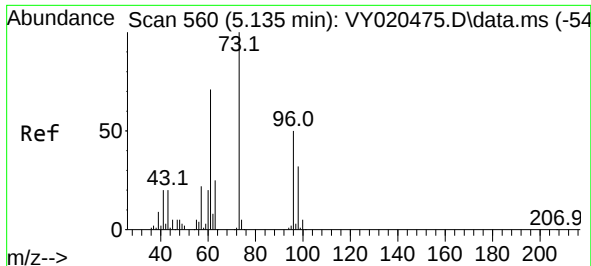
Tgt Ion: 76 Resp: 189714
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9



#18
Methyl Acetate
Concen: 70.527 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

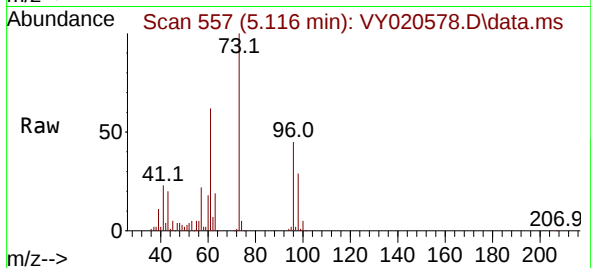
Tgt Ion: 43 Resp: 47723
Ion Ratio Lower Upper
43 100
74 23.6 18.6 27.8



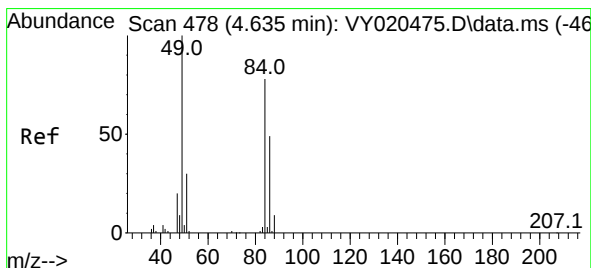
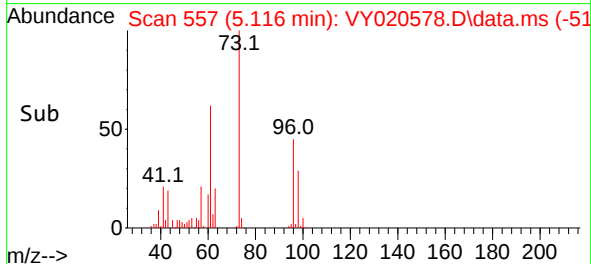
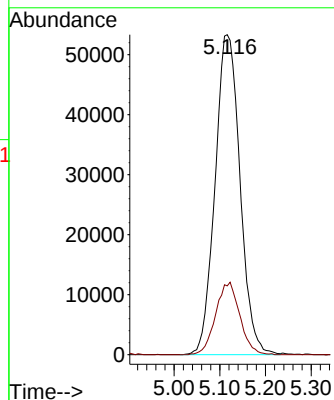


#19
Methyl tert-butyl Ether
Concen: 60.675 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Instrument :
MSVOA_Y
ClientSampleId :

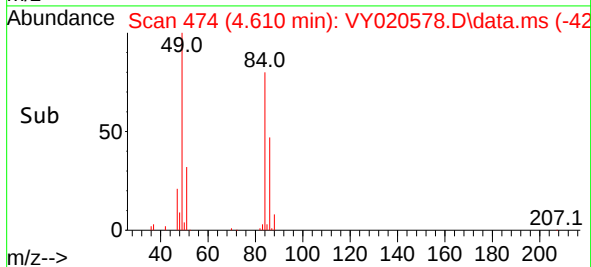
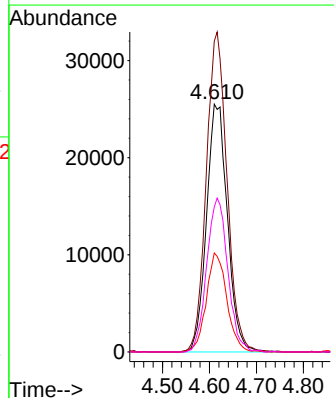
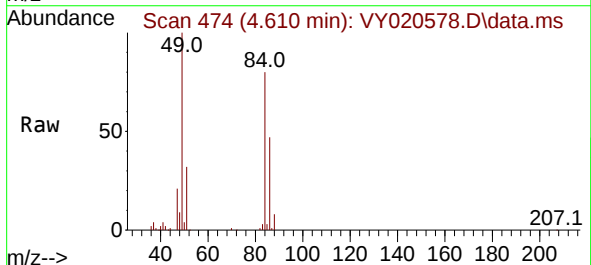


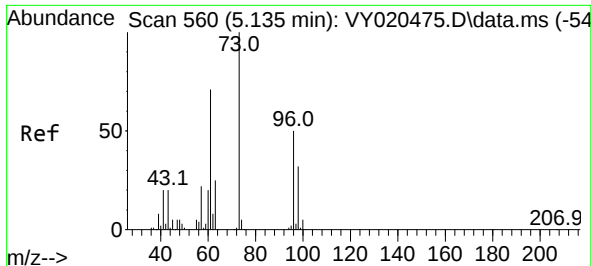
Tgt Ion: 73 Resp: 202504
Ion Ratio Lower Upper
73 100
57 21.5 18.0 27.0



#20
Methylene Chloride
Concen: 58.298 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.024 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion: 84 Resp: 78954
Ion Ratio Lower Upper
84 100
49 125.4 104.7 157.1
51 39.9 33.4 50.0
86 58.5 52.2 78.2

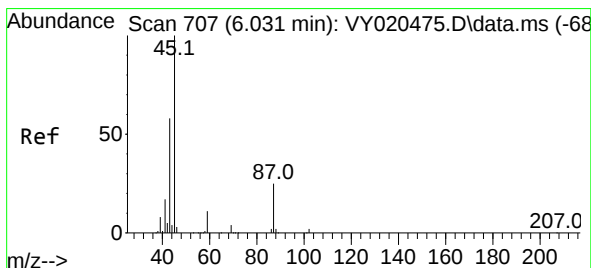
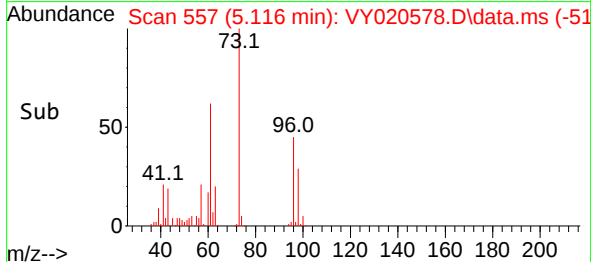
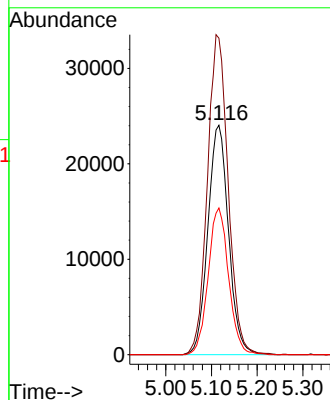
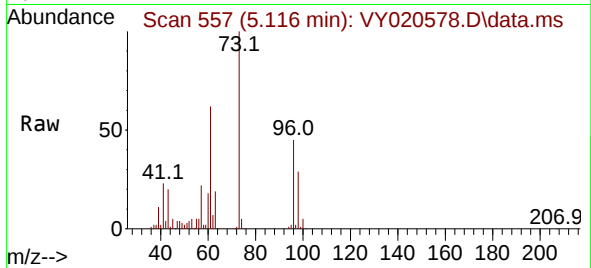




#21
trans-1,2-Dichloroethene
Concen: 52.134 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

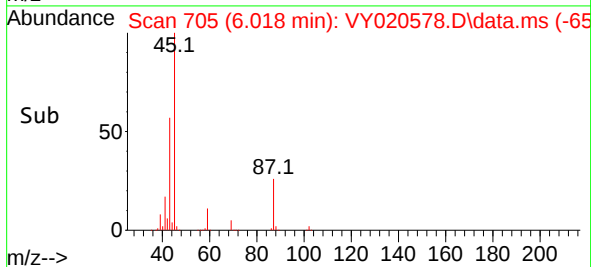
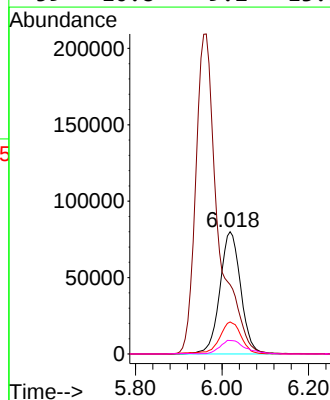
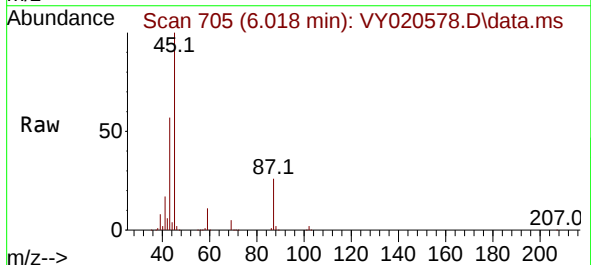
Instrument :
MSVOA_Y
ClientSampleId :

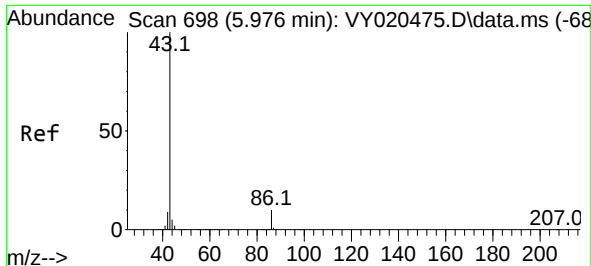
Tgt Ion: 96 Resp: 75677
Ion Ratio Lower Upper
96 100
61 137.9 111.6 167.4
98 63.9 46.7 70.1



#22
Diisopropyl ether
Concen: 57.877 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion: 45 Resp: 268260
Ion Ratio Lower Upper
45 100
43 56.1 44.8 67.2
87 26.2 20.6 30.8
59 10.8 9.2 13.8

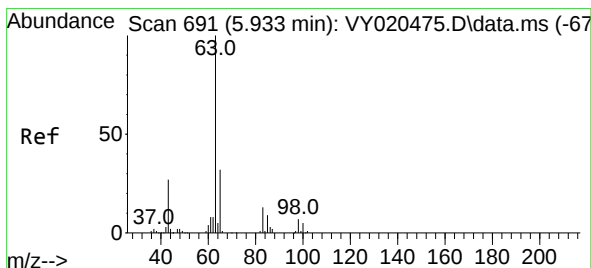
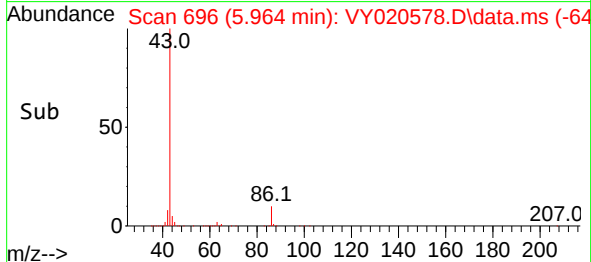
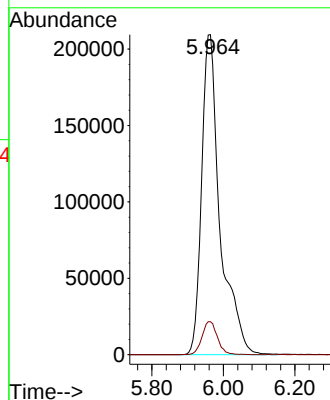
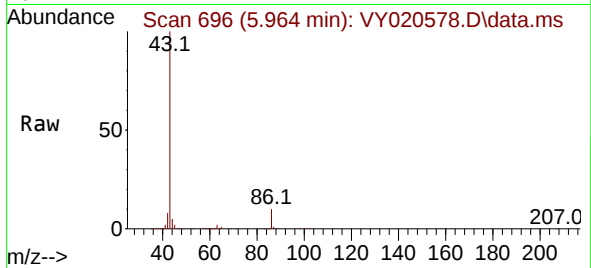




#23
 Vinyl Acetate
 Concen: 305.368 ug/l
 RT: 5.964 min Scan# 698
 Delta R.T. -0.012 min
 Lab File: VY020578.D
 Acq: 10 Dec 2024 18:53

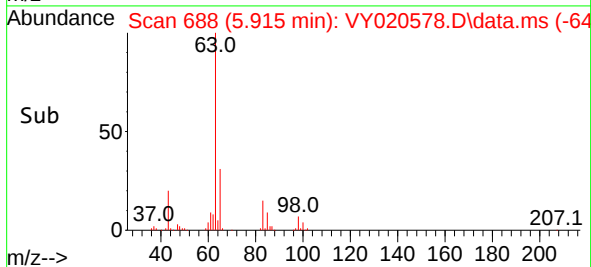
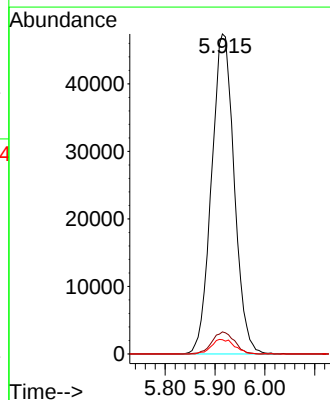
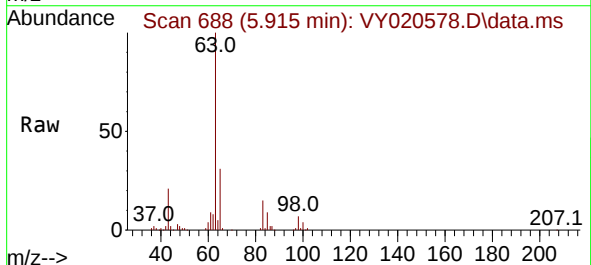
Instrument :
 MSVOA_Y
 ClientSampleId :

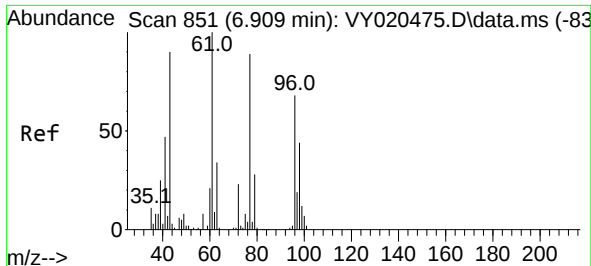
Tgt Ion: 43 Resp: 748644
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 53.641 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.018 min
 Lab File: VY020578.D
 Acq: 10 Dec 2024 18:53

Tgt Ion: 63 Resp: 149682
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.5 2.0 5.8





#25

2-Butanone

Concen: 312.592 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

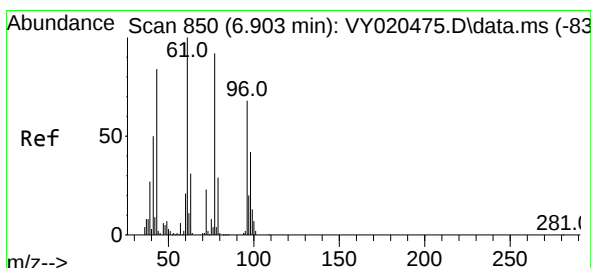
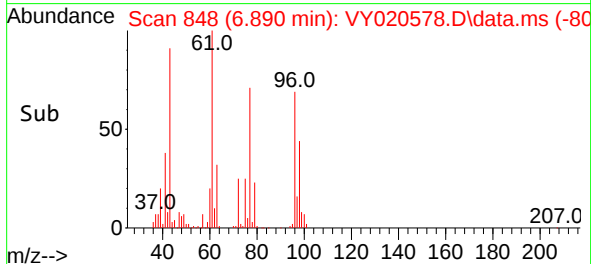
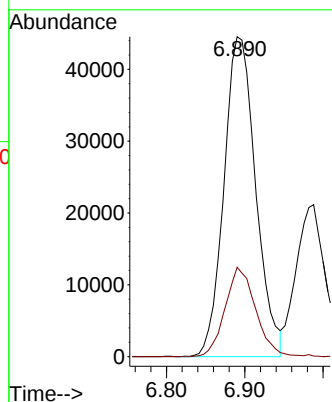
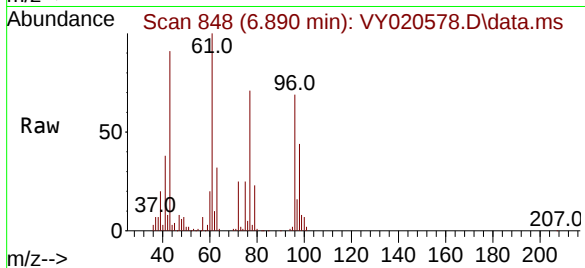
ClientSampleId :

Tgt Ion: 43 Resp: 125666

Ion Ratio Lower Upper

43 100

72 28.0 20.4 30.6



#26

2,2-Dichloropropane

Concen: 42.221 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.018 min

Lab File: VY020578.D

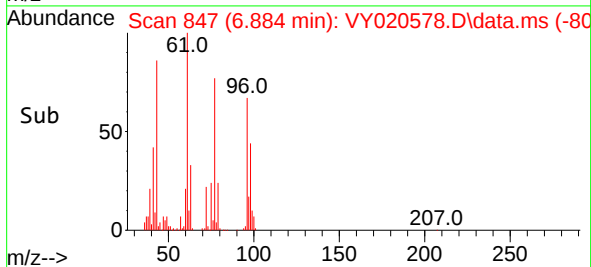
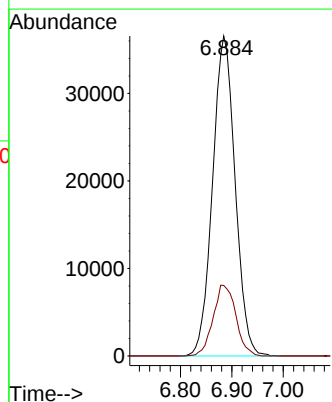
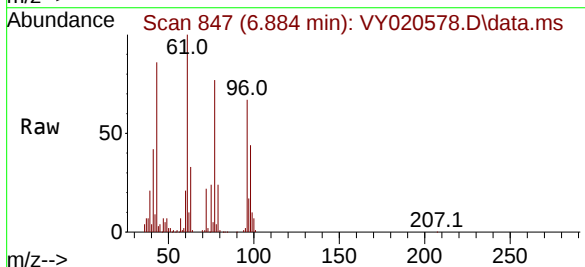
Acq: 10 Dec 2024 18:53

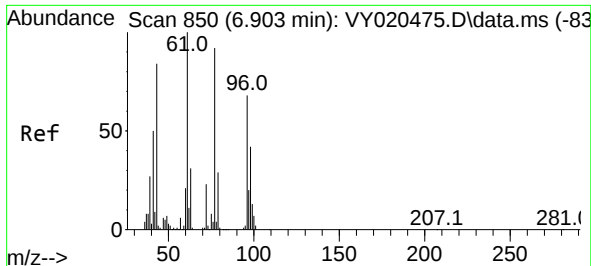
Tgt Ion: 77 Resp: 111435

Ion Ratio Lower Upper

77 100

97 22.3 10.9 32.7

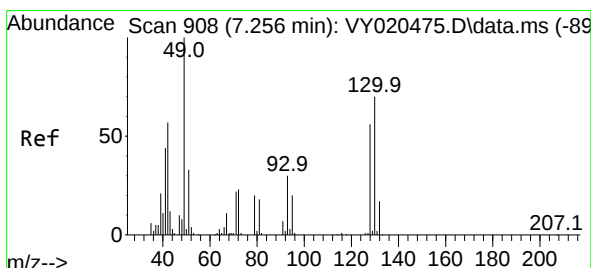
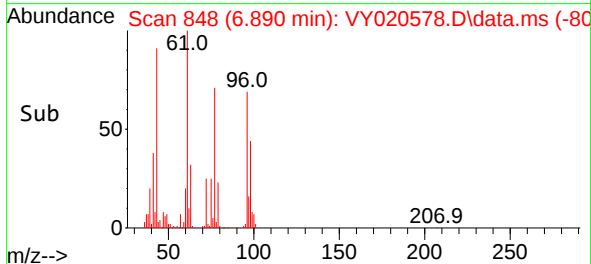
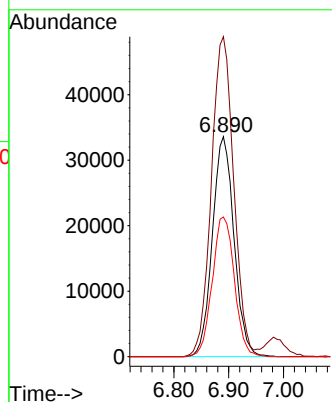
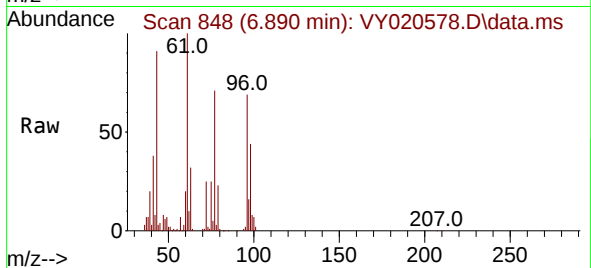




#27
 cis-1,2-Dichloroethene
 Concen: 54.371 ug/l
 RT: 6.890 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: VY020578.D
 Acq: 10 Dec 2024 18:53

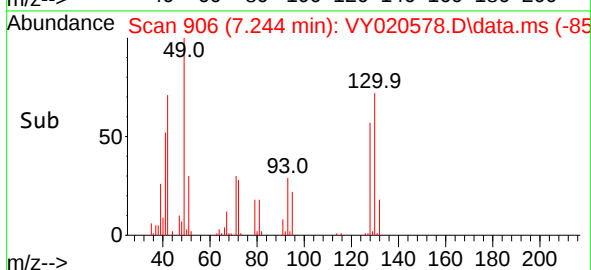
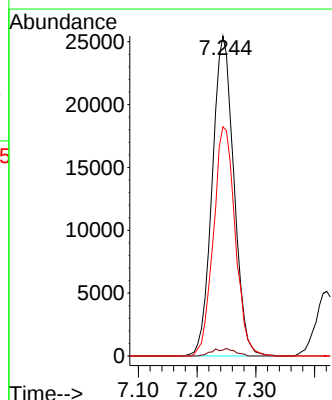
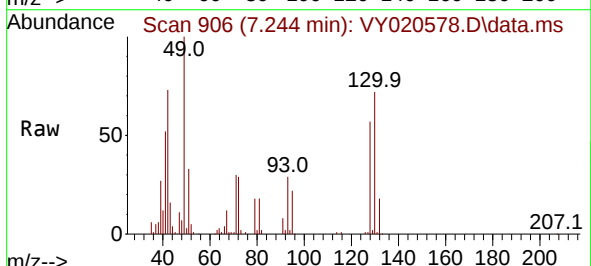
Instrument :
 MSVOA_Y
 ClientSampleId :

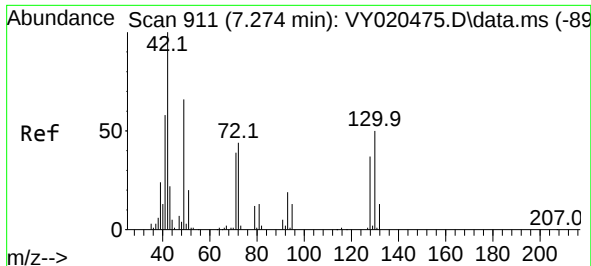
Tgt Ion: 96 Resp: 92156
 Ion Ratio Lower Upper
 96 100
 61 150.6 0.0 312.4
 98 64.9 0.0 126.8



#28
 Bromochloromethane
 Concen: 62.508 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.012 min
 Lab File: VY020578.D
 Acq: 10 Dec 2024 18:53

Tgt Ion: 49 Resp: 65137
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.0
 130 72.1 55.0 82.6





#29

Tetrahydrofuran

Concen: 349.119 ug/l

RT: 7.262 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

ClientSampleId :

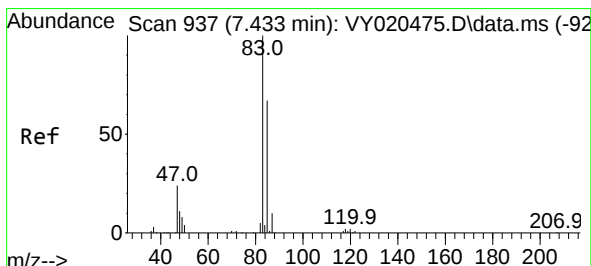
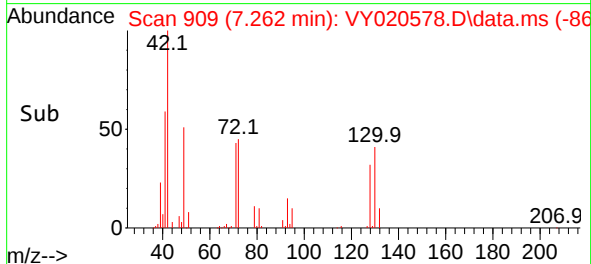
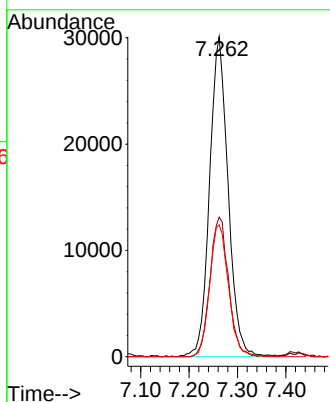
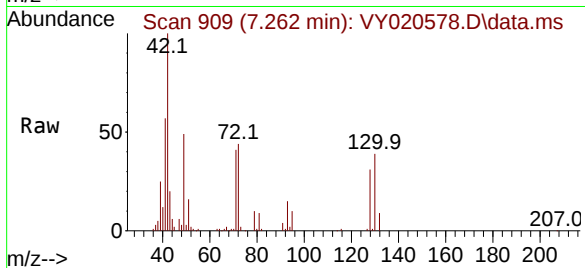
Tgt Ion: 42 Resp: 80068

Ion Ratio Lower Upper

42 100

72 43.7 33.4 50.0

71 41.7 31.9 47.9



#30

Chloroform

Concen: 54.624 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.012 min

Lab File: VY020578.D

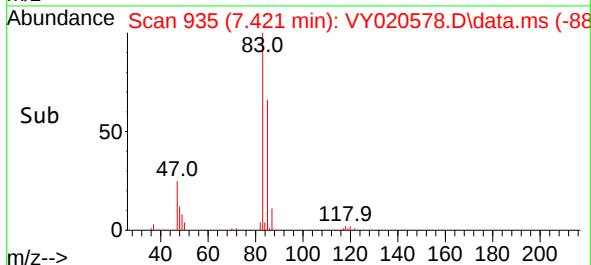
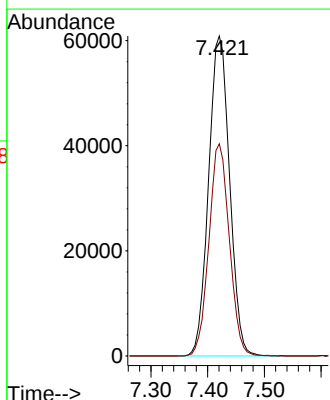
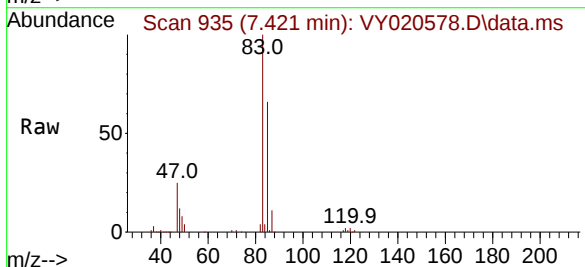
Acq: 10 Dec 2024 18:53

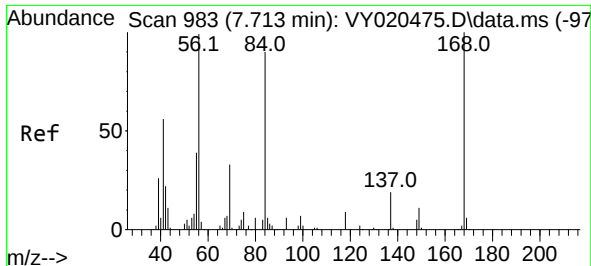
Tgt Ion: 83 Resp: 156437

Ion Ratio Lower Upper

83 100

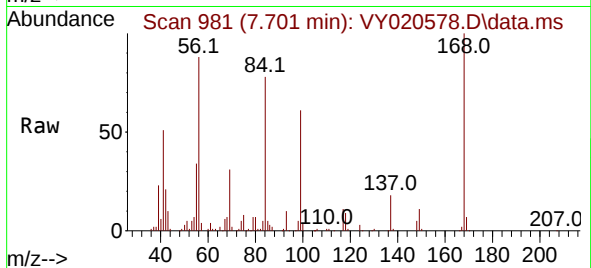
85 66.3 50.3 75.5



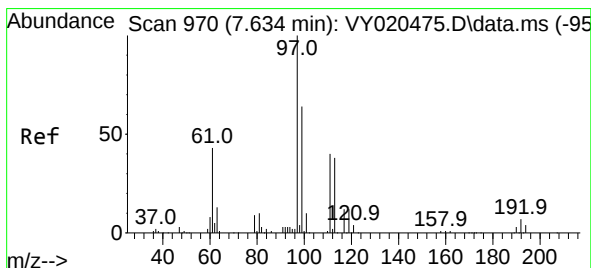
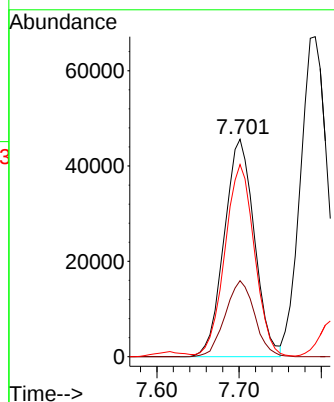
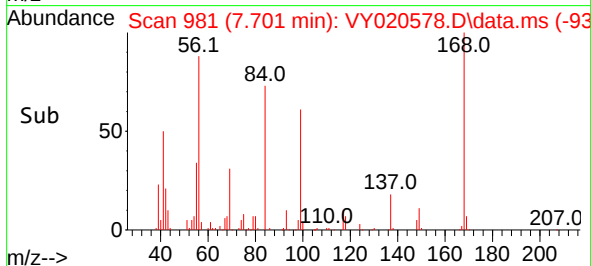


#31
Cyclohexane
Concen: 46.193 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Instrument :
MSVOA_Y
ClientSampleId :

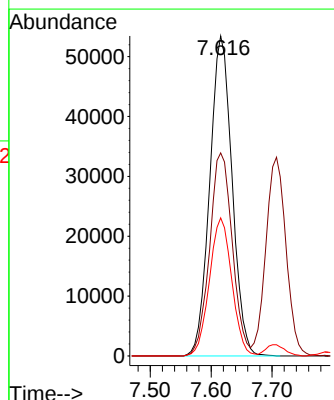
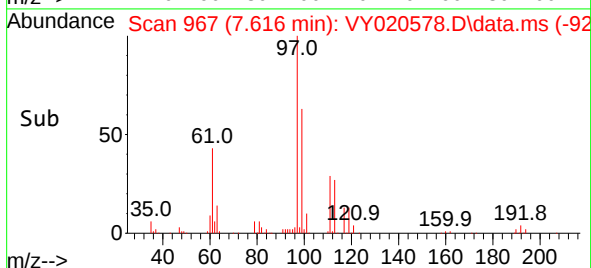
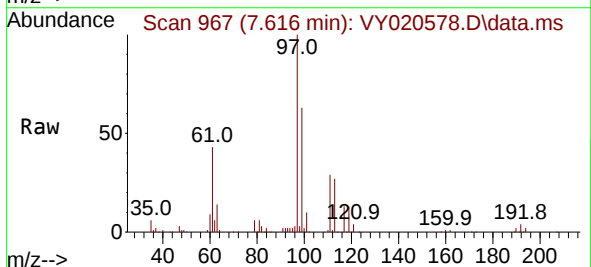


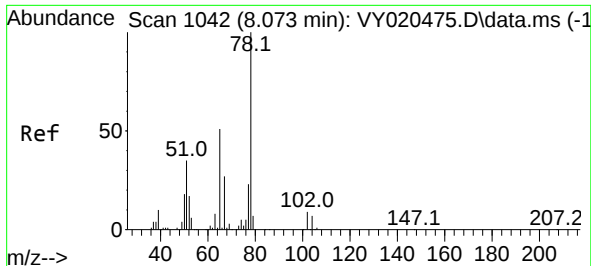
Tgt Ion: 56 Resp: 116532
Ion Ratio Lower Upper
56 100
69 34.9 25.3 37.9
84 86.8 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 49.321 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.018 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion: 97 Resp: 136009
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 43.2 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 53.425 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

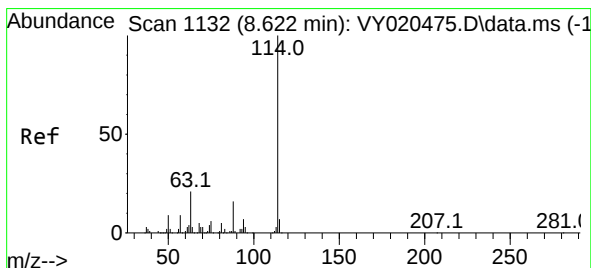
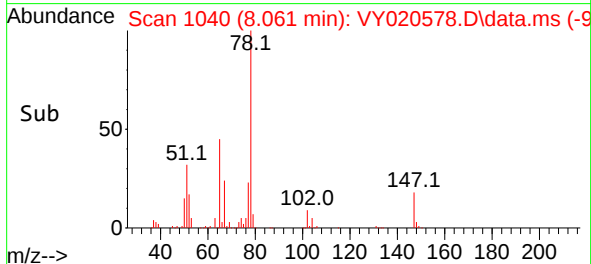
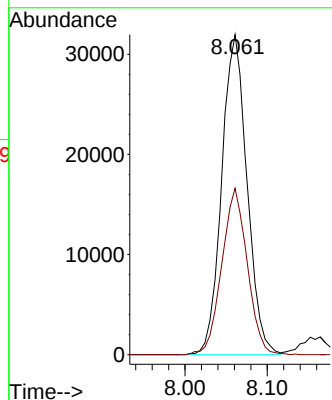
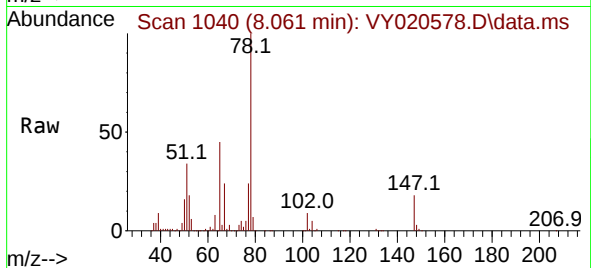
ClientSampleId :

Tgt Ion: 65 Resp: 68405

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

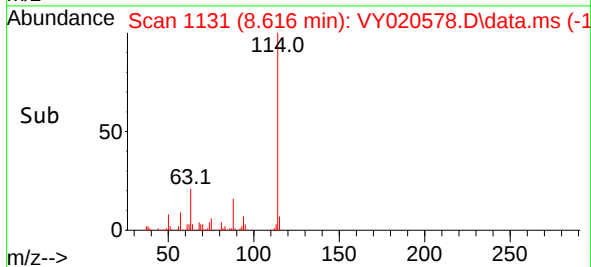
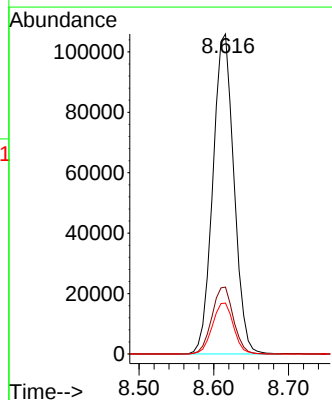
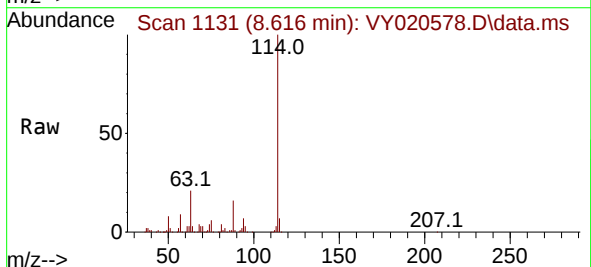
Tgt Ion: 114 Resp: 207894

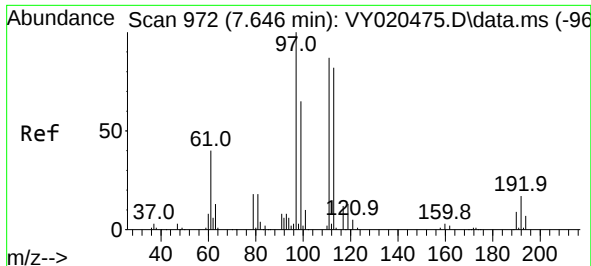
Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.8

88 15.9 0.0 32.0

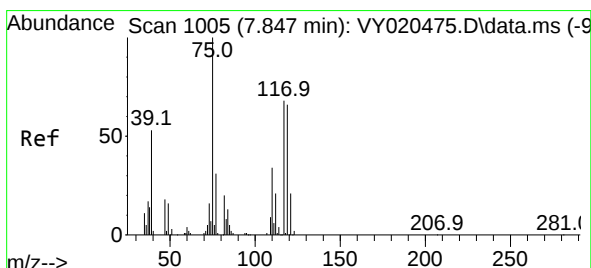
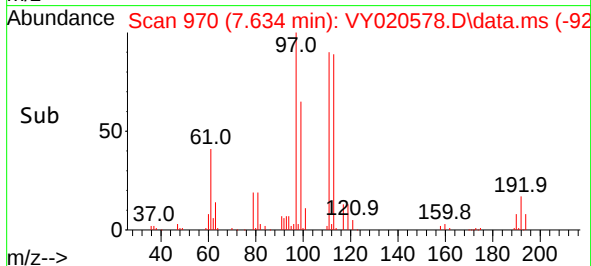
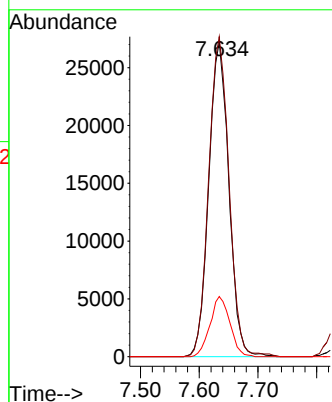
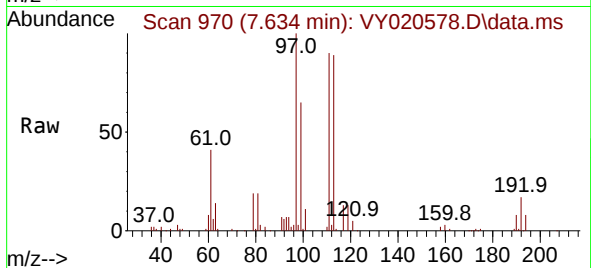




#35
Dibromofluoromethane
Concen: 49.329 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

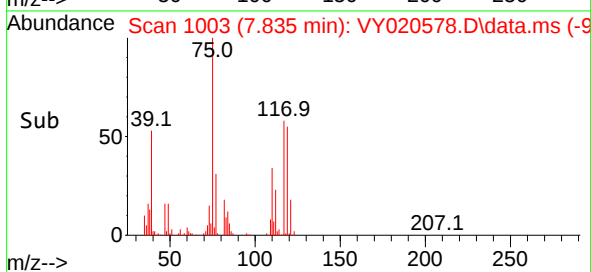
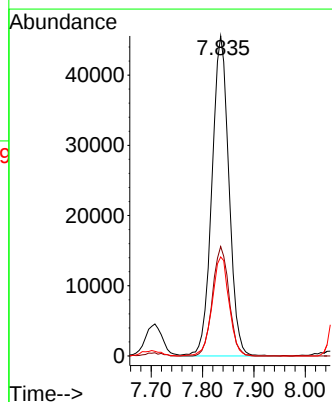
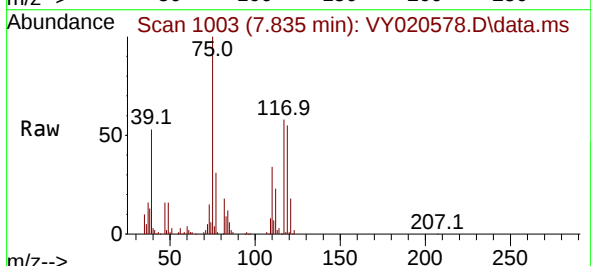
Instrument :
MSVOA_Y
ClientSampleId :

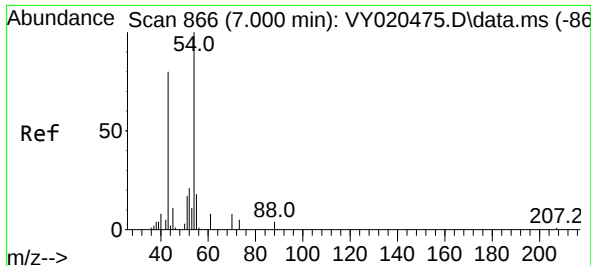
Tgt Ion:113 Resp: 64562
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 19.0 15.1 22.7



#36
1,1-Dichloropropene
Concen: 47.471 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion: 75 Resp: 104919
Ion Ratio Lower Upper
75 100
110 33.3 16.7 50.0
77 31.0 24.6 36.8

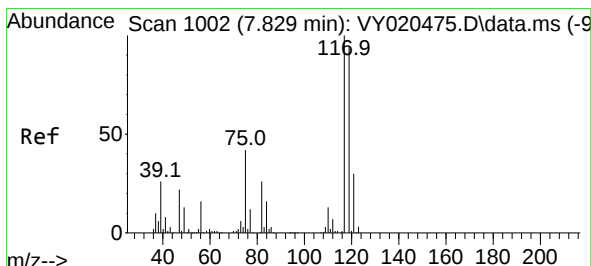
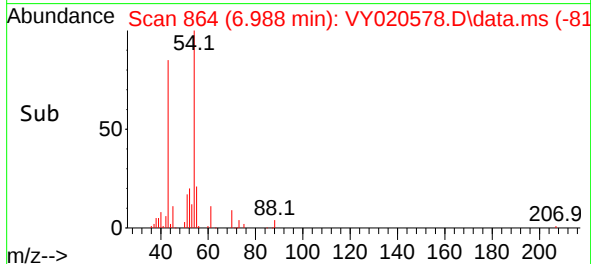
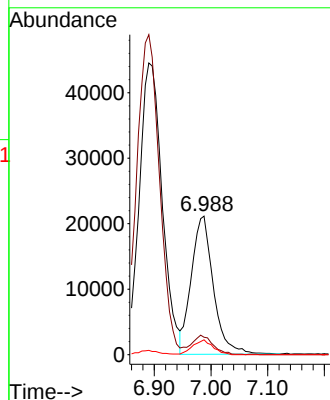
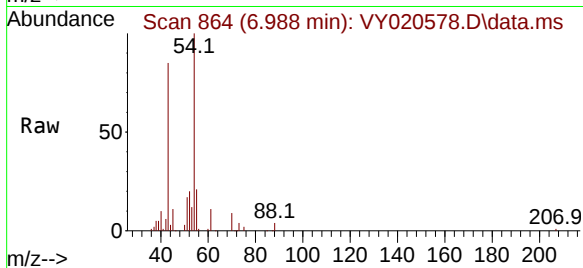




#37
Ethyl Acetate
Concen: 65.235 ug/l
RT: 6.988 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

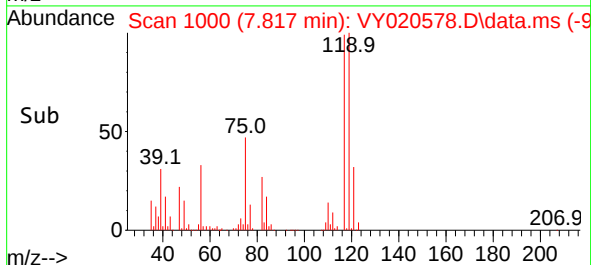
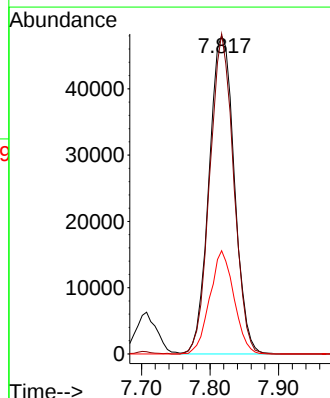
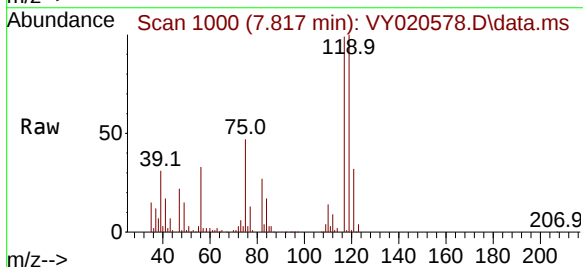
Instrument :
MSVOA_Y
ClientSampleId :

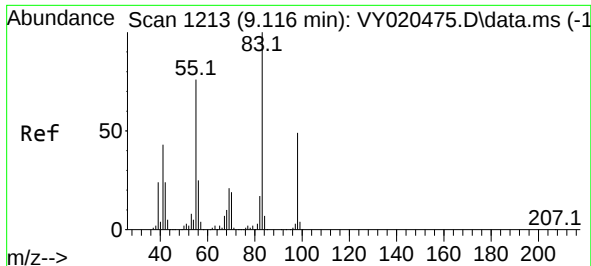
Tgt Ion: 43 Resp: 57121
Ion Ratio Lower Upper
43 100
61 12.7 10.7 16.1
70 9.8 7.3 10.9



#38
Carbon Tetrachloride
Concen: 46.555 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion: 117 Resp: 122805
Ion Ratio Lower Upper
117 100
119 100.5 77.8 116.6
121 32.4 24.6 37.0





#39

Methylcyclohexane

Concen: 46.211 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

ClientSampleId :

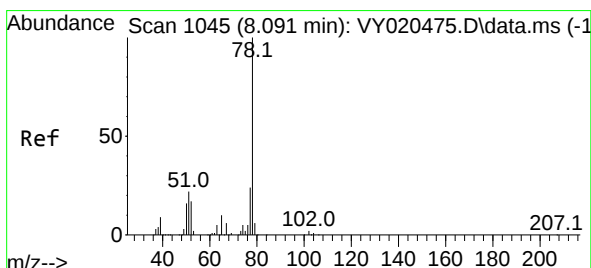
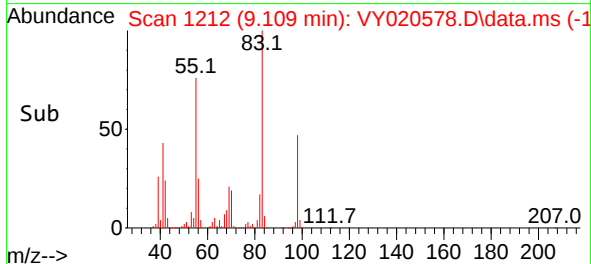
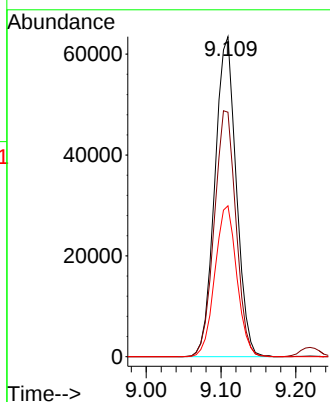
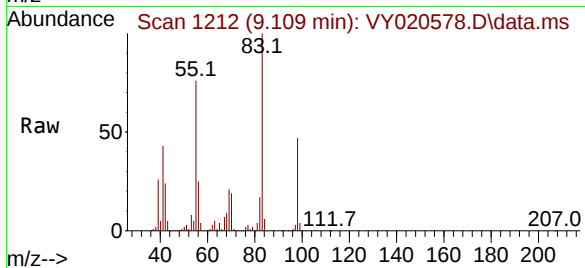
Tgt Ion: 83 Resp: 126736

Ion Ratio Lower Upper

83 100

55 76.4 62.6 93.8

98 47.2 37.0 55.4



#40

Benzene

Concen: 50.477 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.012 min

Lab File: VY020578.D

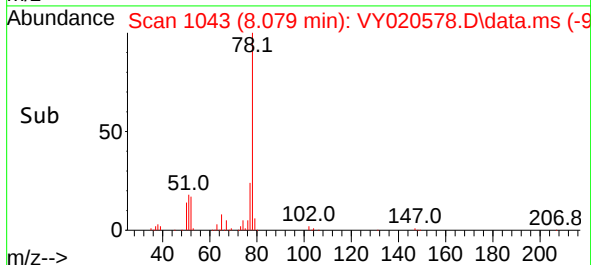
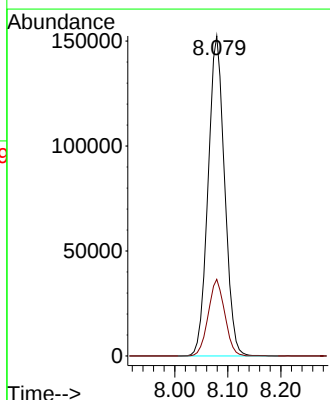
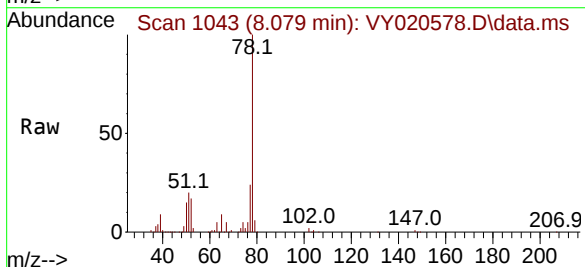
Acq: 10 Dec 2024 18:53

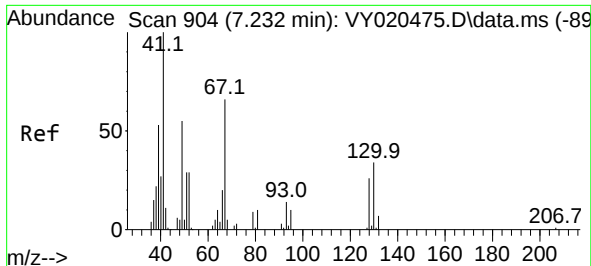
Tgt Ion: 78 Resp: 328929

Ion Ratio Lower Upper

78 100

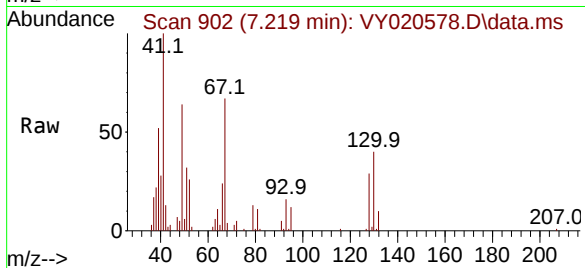
77 23.9 19.4 29.0



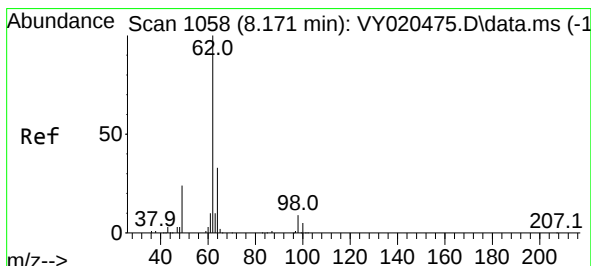
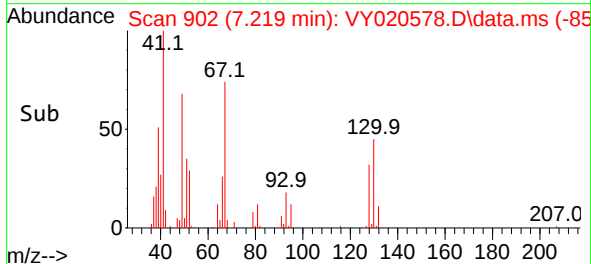
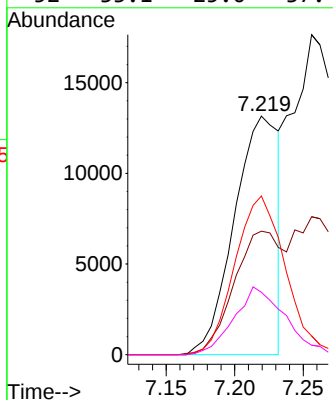


#41
Methacrylonitrile
Concen: 59.520 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Instrument :
MSVOA_Y
ClientSampleId :

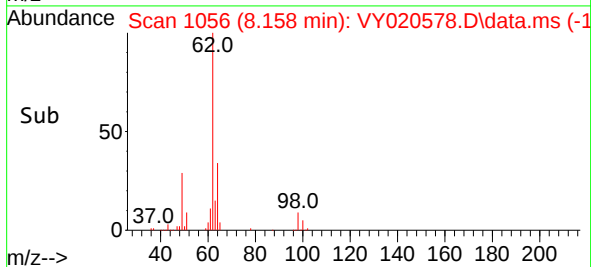
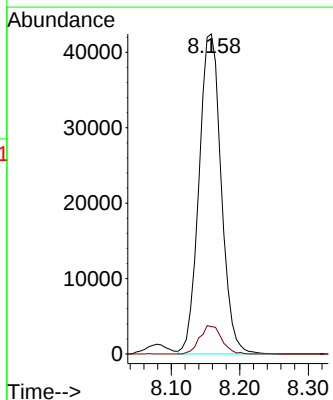
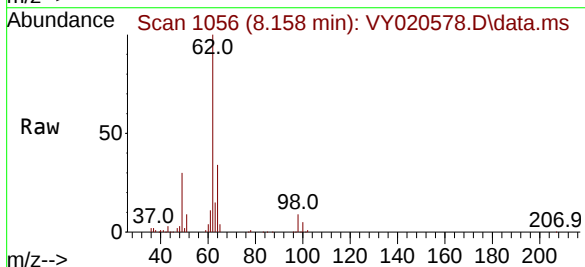


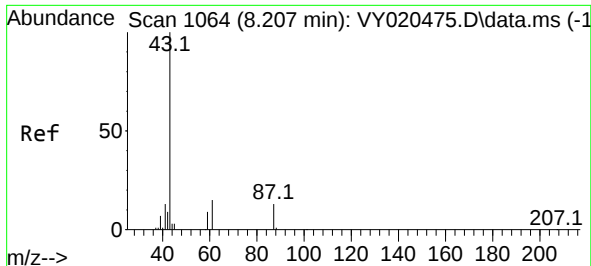
Tgt Ion:	41	Resp:	29627
Ion	Ratio	Lower	Upper
41	100		
39	58.6	49.0	73.4
67	76.5	57.1	85.7
52	33.1	25.0	37.4



#42
1,2-Dichloroethane
Concen: 55.832 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion:	62	Resp:	95599
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0

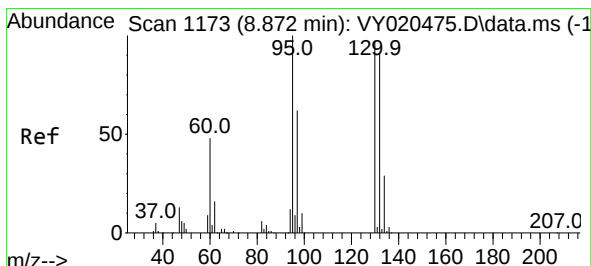
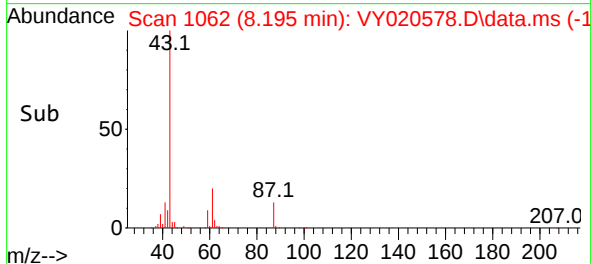
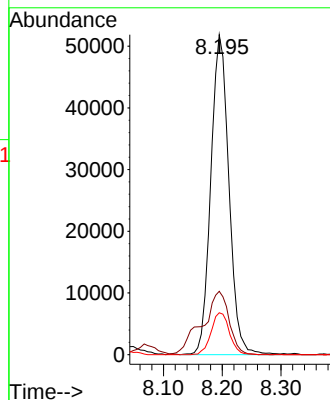
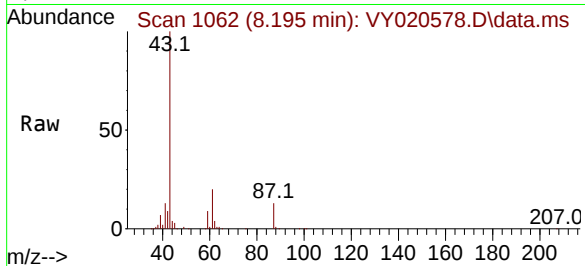




#43
Isopropyl Acetate
Concen: 62.683 ug/l
RT: 8.195 min Scan# 110831
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

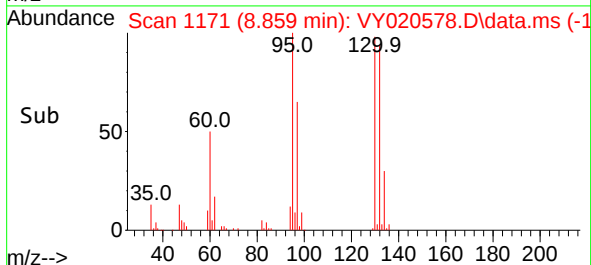
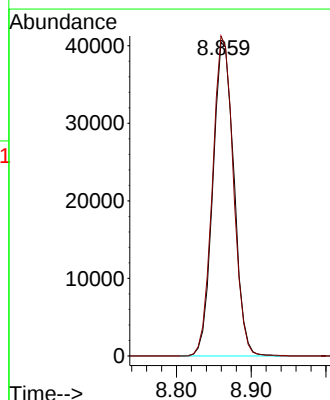
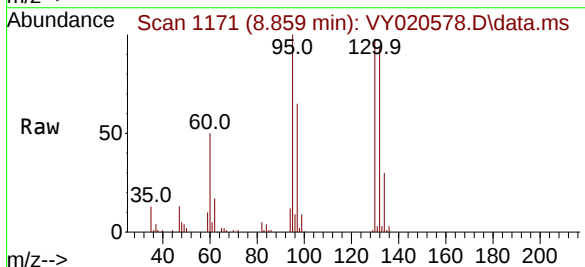
Instrument :
MSVOA_Y
ClientSampleId :

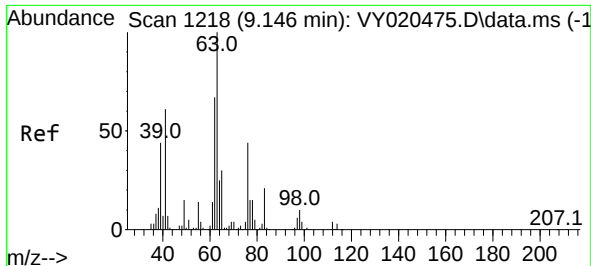
Tgt Ion: 43 Resp: 110831
Ion Ratio Lower Upper
43 100
61 29.4 22.8 34.2
87 13.3 9.6 14.4



#44
Trichloroethene
Concen: 49.375 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion:130 Resp: 79318
Ion Ratio Lower Upper
130 100
95 102.1 0.0 204.8





#45

1,2-Dichloropropane

Concen: 52.992 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

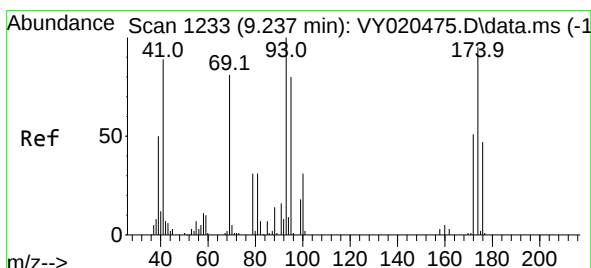
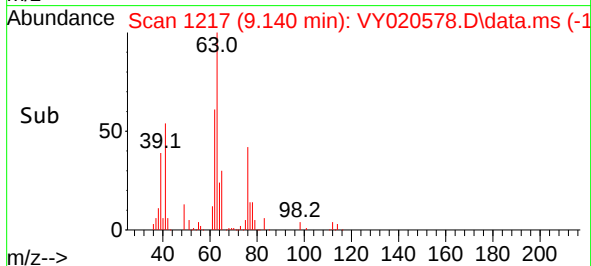
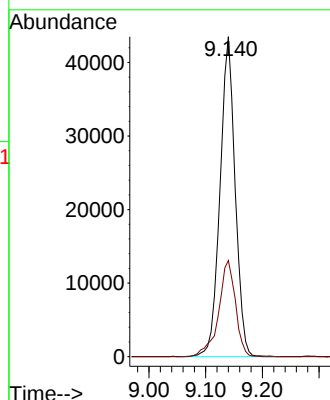
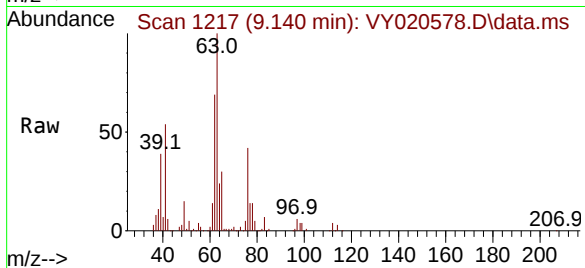
ClientSampleId :

Tgt Ion: 63 Resp: 80808

Ion Ratio Lower Upper

63 100

65 30.1 24.2 36.4



#46

Dibromomethane

Concen: 58.506 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

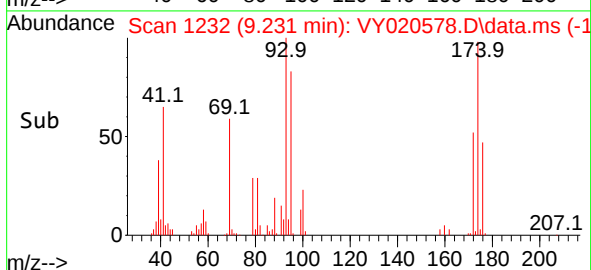
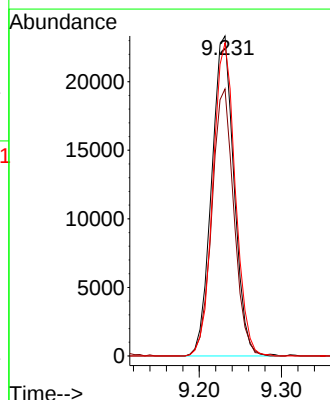
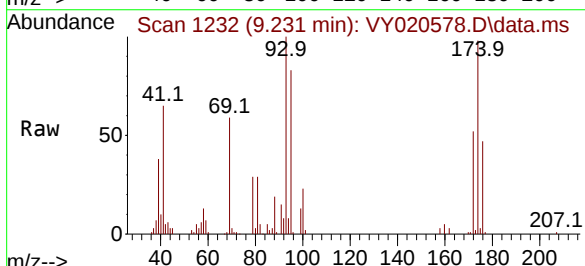
Tgt Ion: 93 Resp: 44173

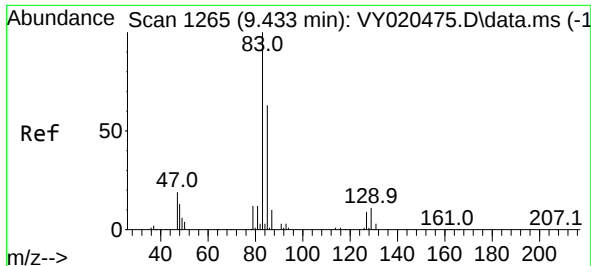
Ion Ratio Lower Upper

93 100

95 81.9 65.3 97.9

174 97.7 74.4 111.6

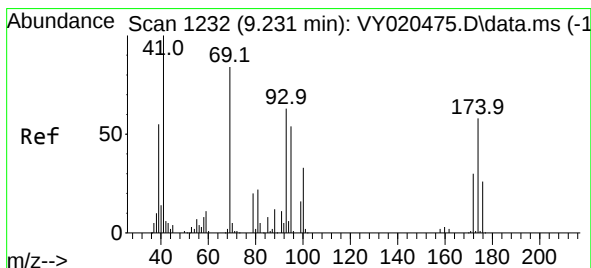
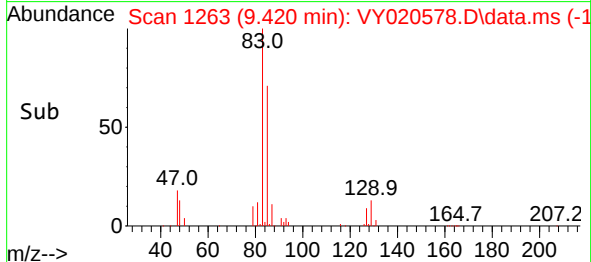
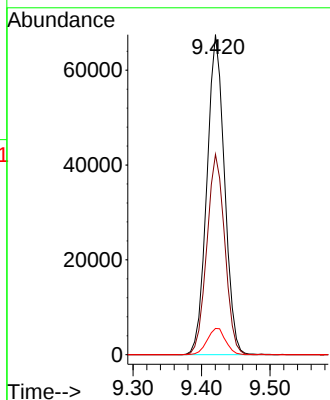
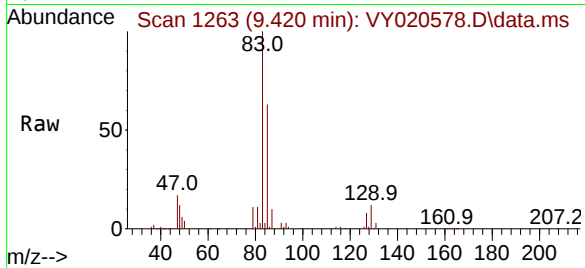




#47
Bromodichloromethane
Concen: 54.232 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

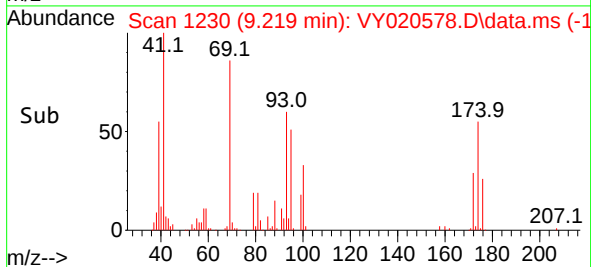
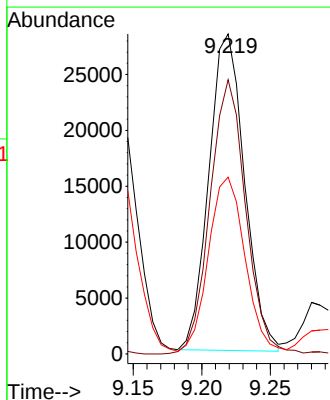
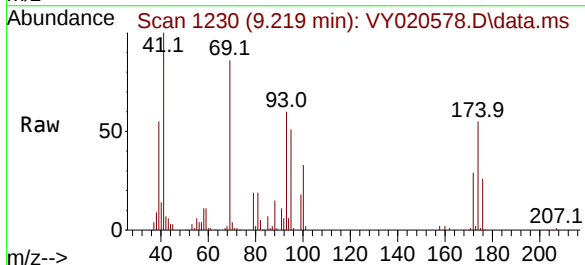
Instrument :
MSVOA_Y
ClientSampleId :

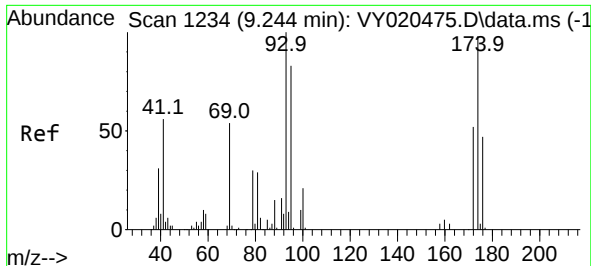
Tgt Ion: 83 Resp: 120638
Ion Ratio Lower Upper
83 100
85 62.6 51.4 77.2
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 62.169 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion: 41 Resp: 51258
Ion Ratio Lower Upper
41 100
69 86.8 66.1 99.1
39 55.9 46.0 69.0





#49

1,4-Dioxane

Concen: 1511.048 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.012 min

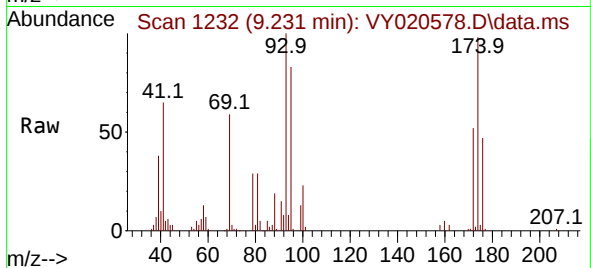
Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

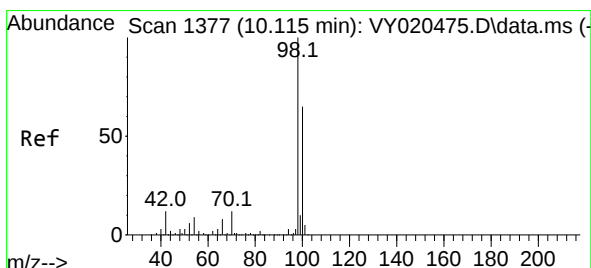
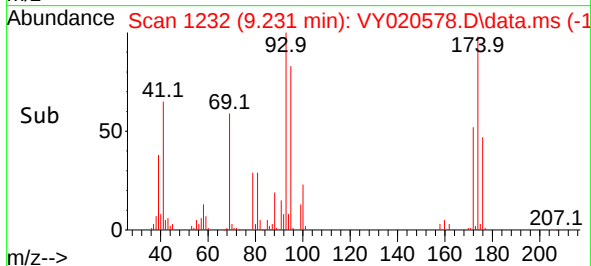
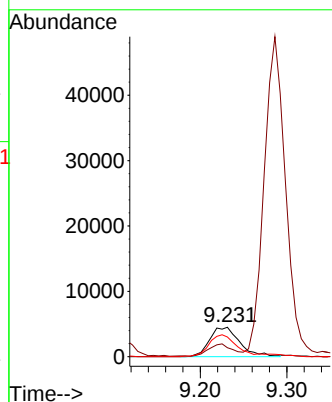
MSVOA_Y

ClientSampleId :



Tgt Ion: 88 Resp: 10905

Ion	Ratio	Lower	Upper
88	100		
43	33.7	24.6	37.0
58	75.5	59.6	89.4



#50

Toluene-d8

Concen: 46.624 ug/l

RT: 10.103 min Scan# 1375

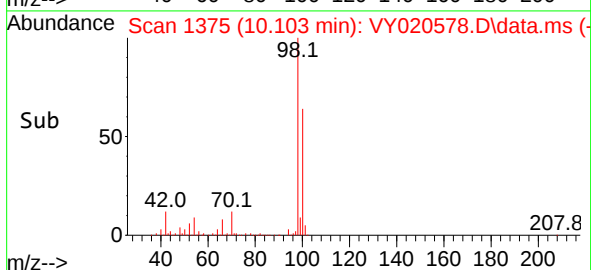
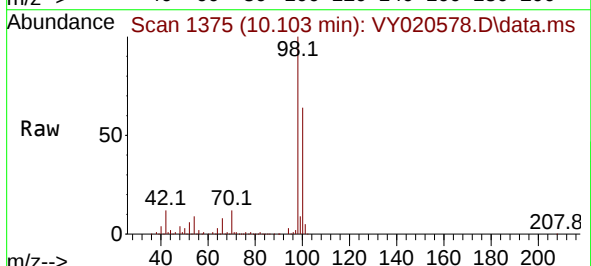
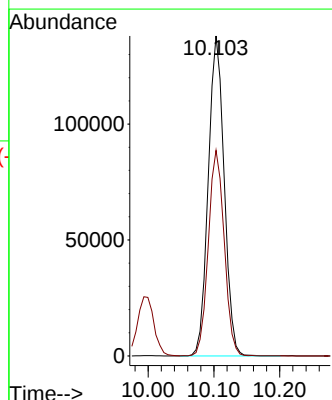
Delta R.T. -0.012 min

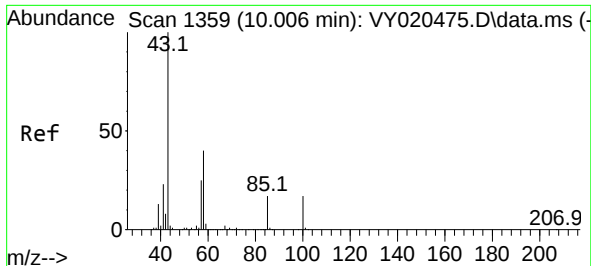
Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Tgt Ion: 98 Resp: 232357

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.3	76.9

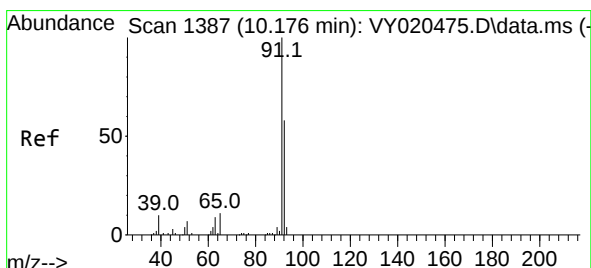
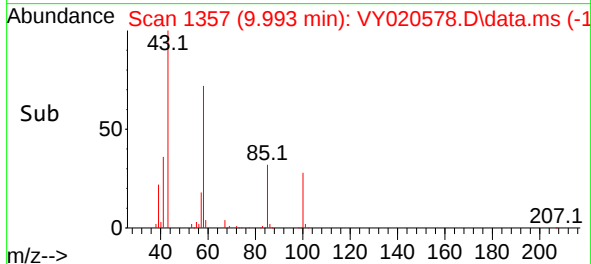
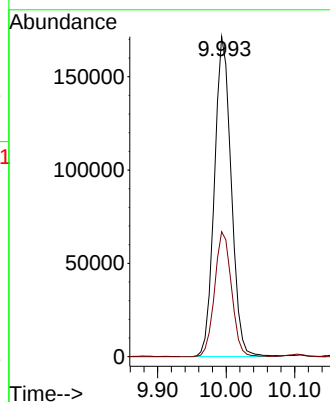
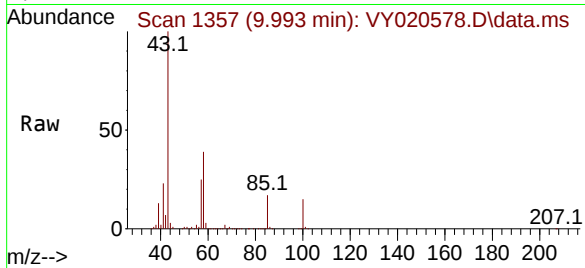




#51
4-Methyl-2-Pentanone
Concen: 334.484 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

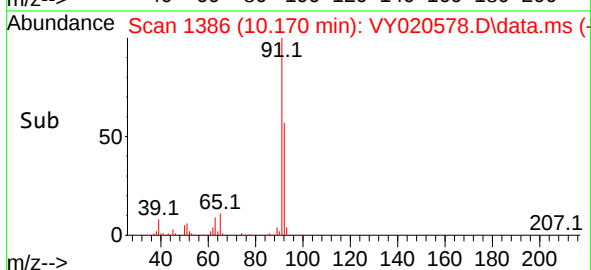
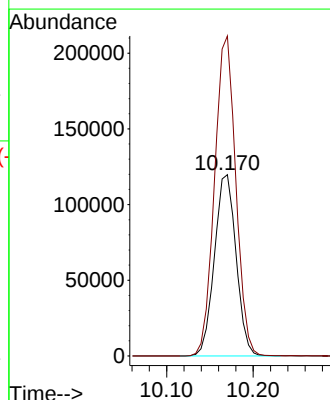
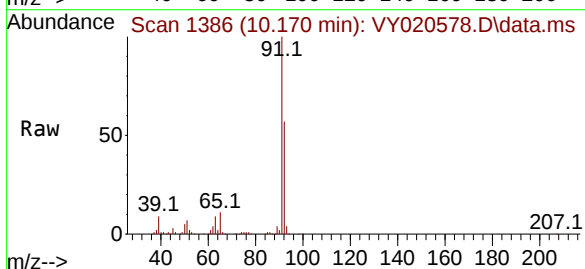
Instrument :
MSVOA_Y
ClientSampleId :

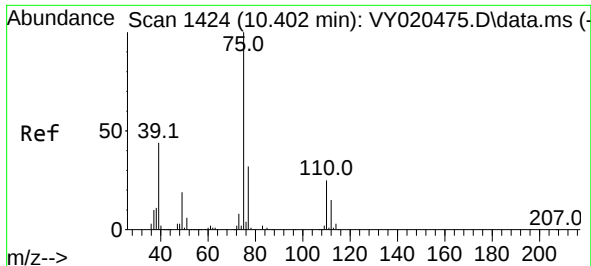
Tgt Ion: 43 Resp: 292066
Ion Ratio Lower Upper
43 100
58 39.3 30.9 46.3



#52
Toluene
Concen: 51.088 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion: 92 Resp: 207711
Ion Ratio Lower Upper
92 100
91 173.4 139.7 209.5

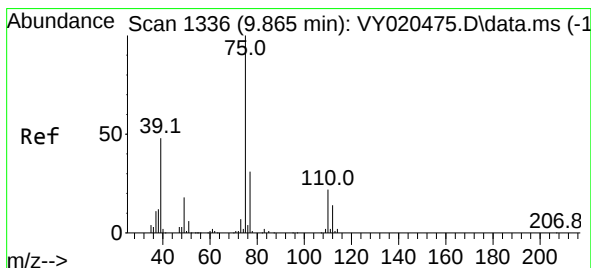
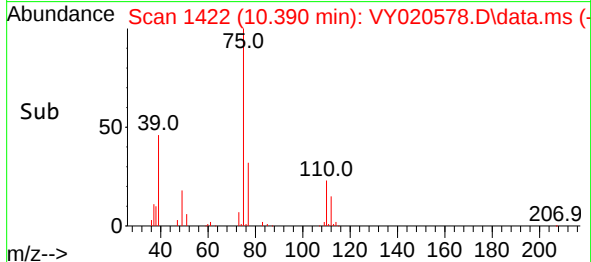
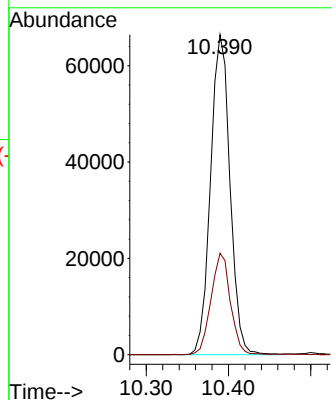
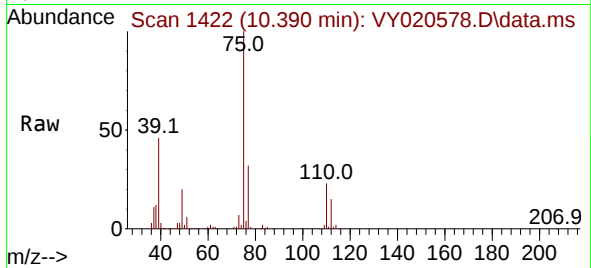




#53
 t-1,3-Dichloropropene
 Concen: 54.710 ug/l
 RT: 10.390 min Scan# 1424
 Delta R.T. -0.012 min
 Lab File: VY020578.D
 Acq: 10 Dec 2024 18:53

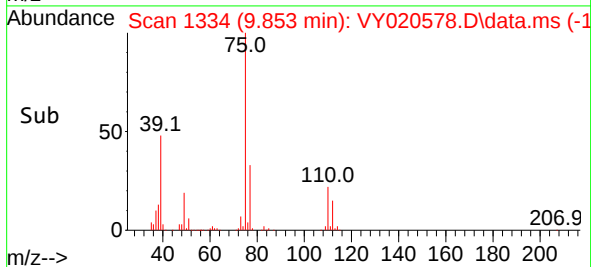
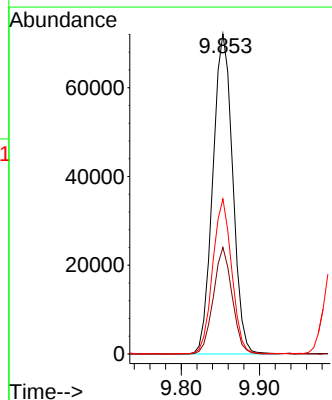
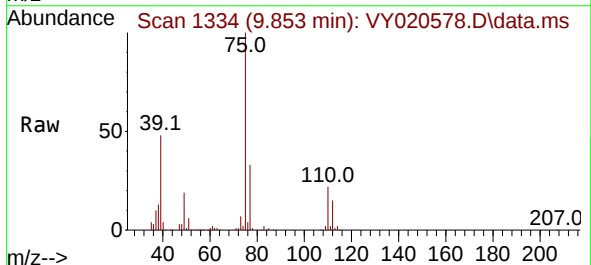
Instrument :
 MSVOA_Y
 ClientSampleId :

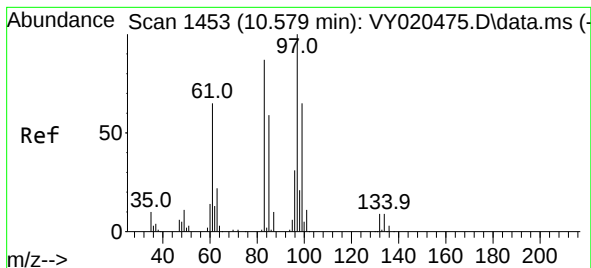
Tgt Ion: 75 Resp: 109260
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 53.800 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.012 min
 Lab File: VY020578.D
 Acq: 10 Dec 2024 18:53

Tgt Ion: 75 Resp: 126979
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.0 37.4
 39 48.3 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 59.312 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. -0.012 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 59737

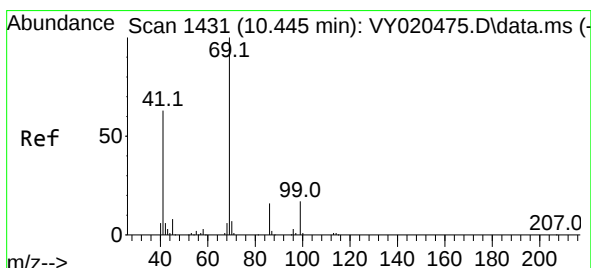
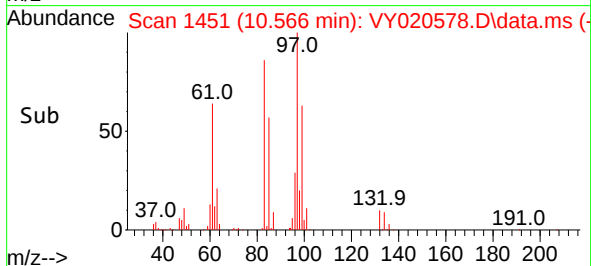
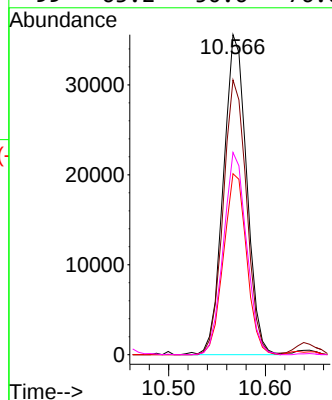
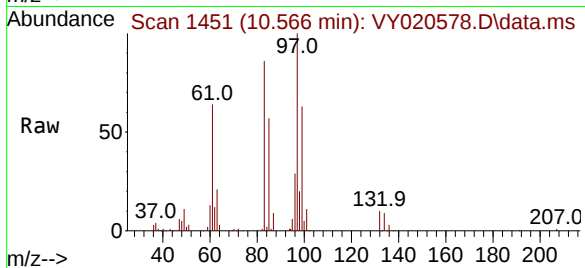
Ion Ratio Lower Upper

97 100

83 85.8 70.8 106.2

85 56.5 44.9 67.3

99 63.2 50.6 76.0



#56

Ethyl methacrylate

Concen: 63.113 ug/l

RT: 10.432 min Scan# 1429

Delta R.T. -0.012 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

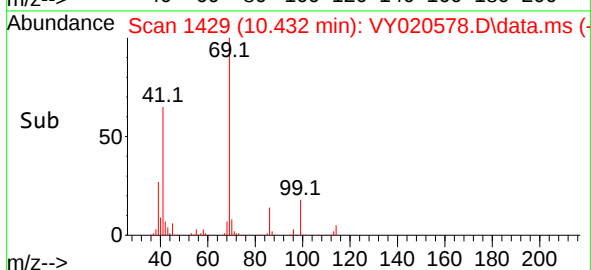
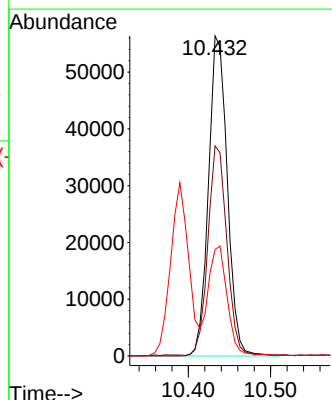
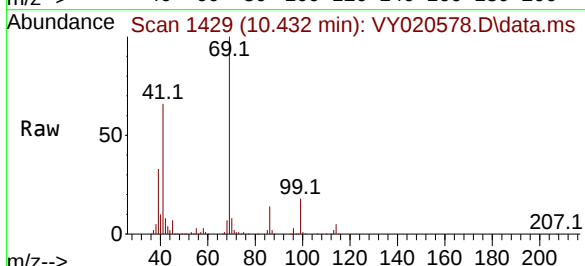
Tgt Ion: 69 Resp: 89940

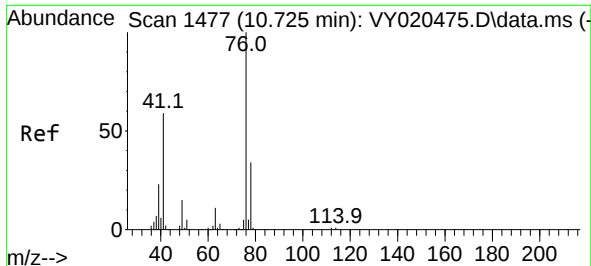
Ion Ratio Lower Upper

69 100

41 65.7 56.1 84.1

39 34.6 29.7 44.5





#57

1,3-Dichloropropane

Concen: 59.383 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.012 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

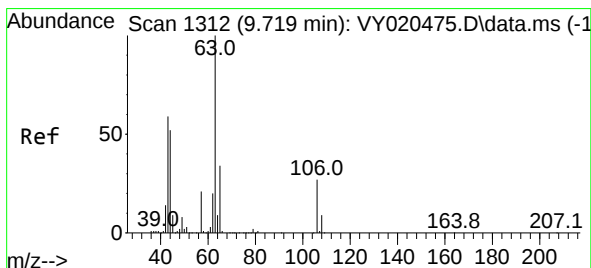
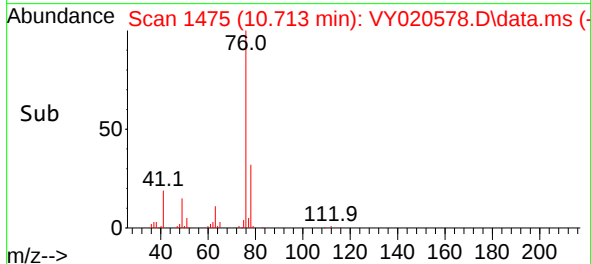
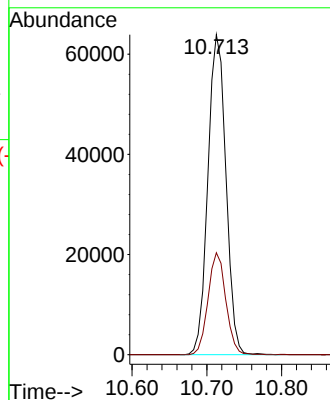
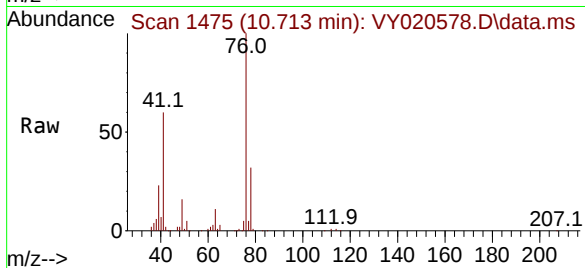
ClientSampleId :

Tgt Ion: 76 Resp: 107098

Ion Ratio Lower Upper

76 100

78 31.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 308.001 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.012 min

Lab File: VY020578.D

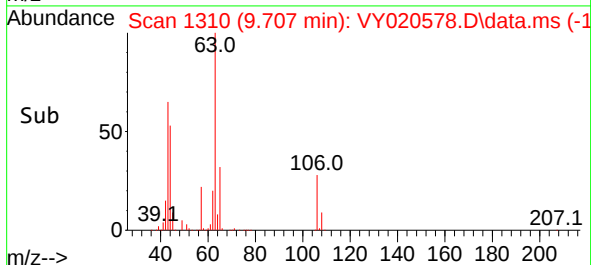
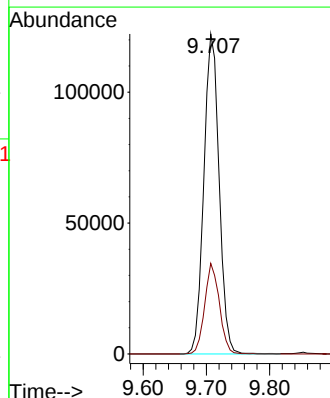
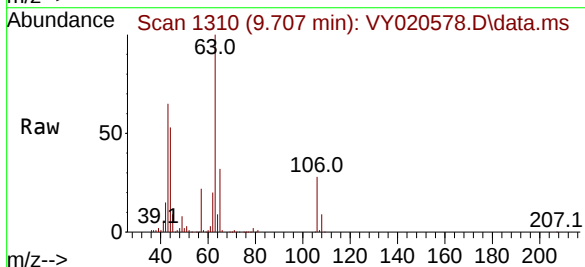
Acq: 10 Dec 2024 18:53

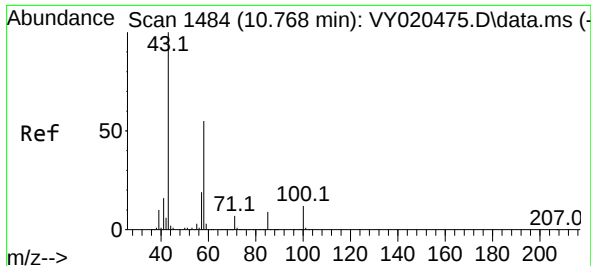
Tgt Ion: 63 Resp: 205507

Ion Ratio Lower Upper

63 100

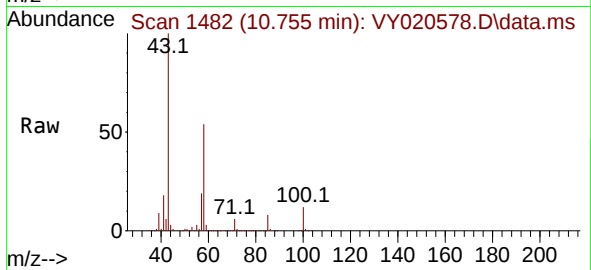
106 27.2 21.0 31.4



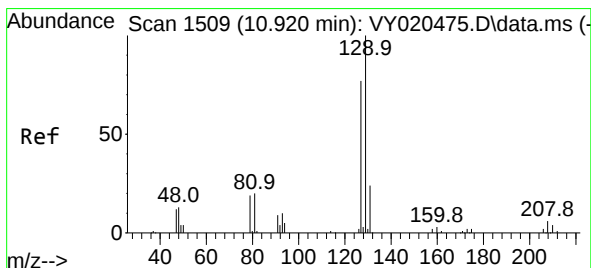
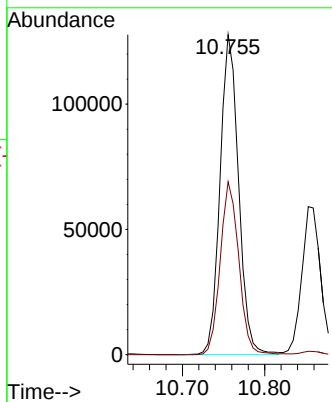
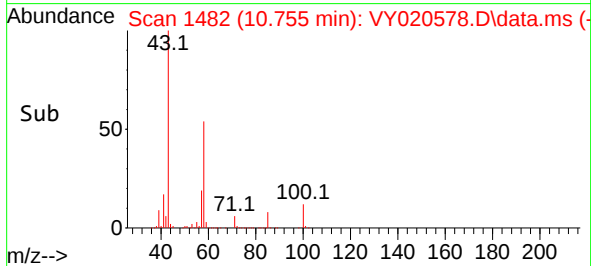


#59
2-Hexanone
Concen: 317.815 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Instrument :
MSVOA_Y
ClientSampleId :

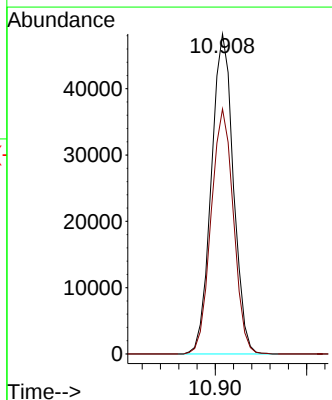
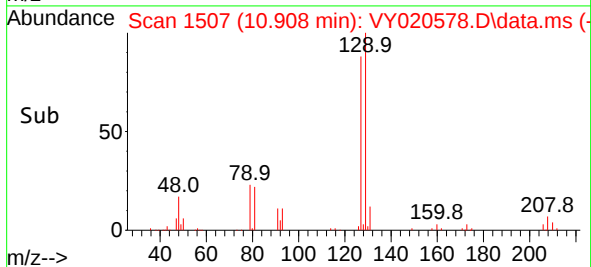
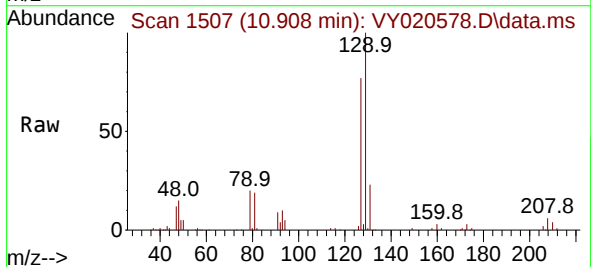


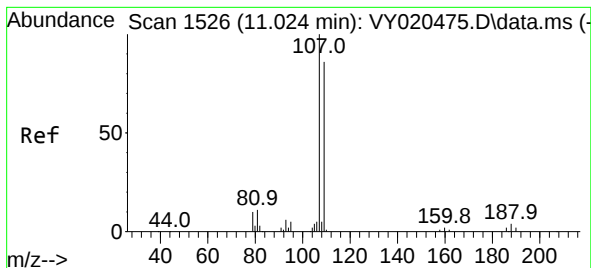
Tgt Ion: 43 Resp: 200199
Ion Ratio Lower Upper
43 100
58 54.3 26.4 79.2



#60
Dibromochloromethane
Concen: 57.648 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion: 129 Resp: 80835
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9

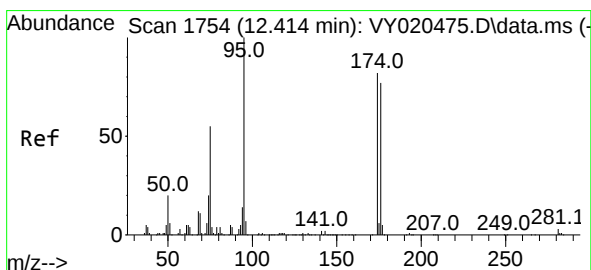
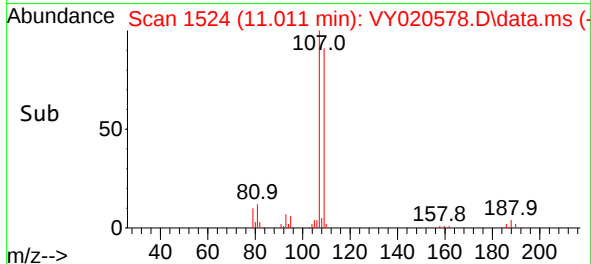
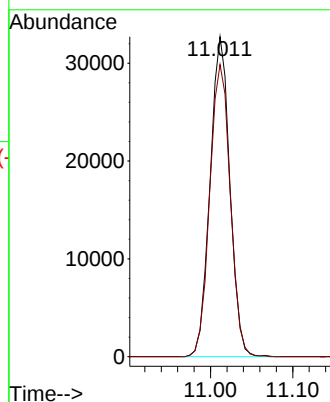
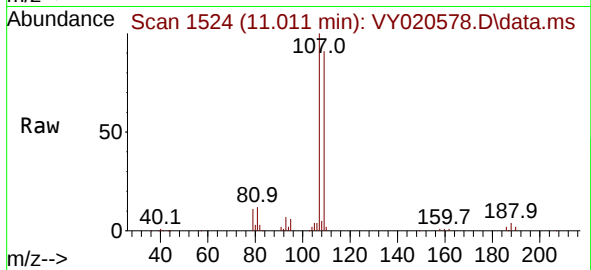




#61
1,2-Dibromoethane
Concen: 59.288 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

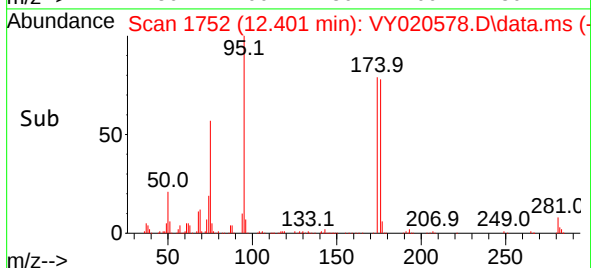
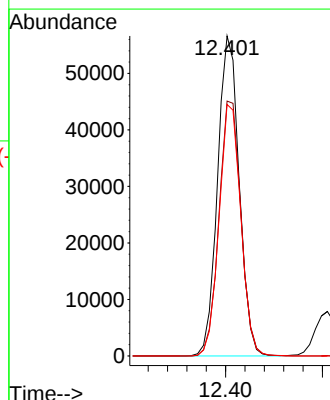
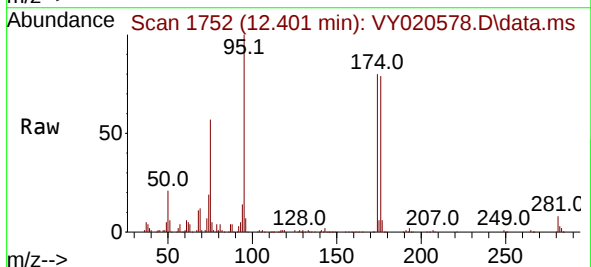
Instrument :
MSVOA_Y
ClientSampleId :

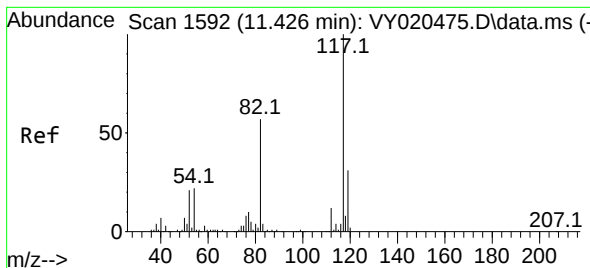
Tgt Ion:107 Resp: 54606
Ion Ratio Lower Upper
107 100
109 94.8 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 50.231 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion: 95 Resp: 87553
Ion Ratio Lower Upper
95 100
174 80.9 0.0 156.8
176 79.1 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.012 min

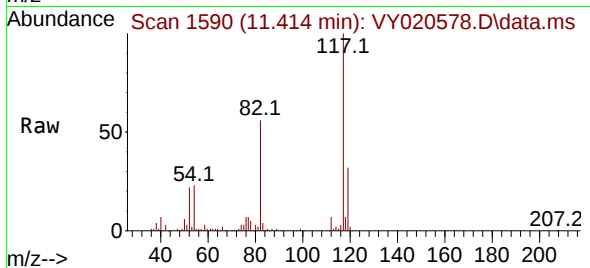
Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

ClientSampleId :



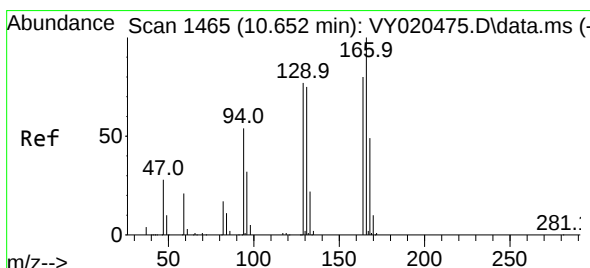
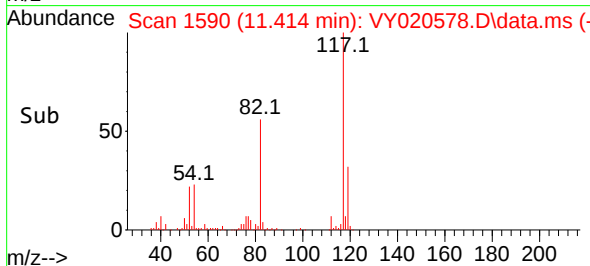
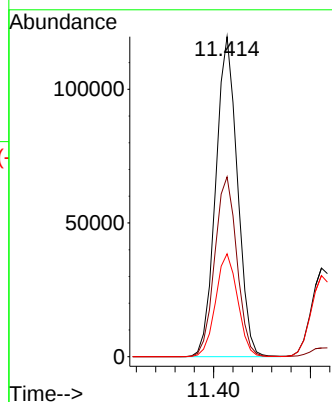
Tgt Ion:117 Resp: 186171

Ion Ratio Lower Upper

117 100

82 56.2 48.2 72.4

119 32.2 25.8 38.8



#64

Tetrachloroethene

Concen: 52.076 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Tgt Ion:164 Resp: 81920

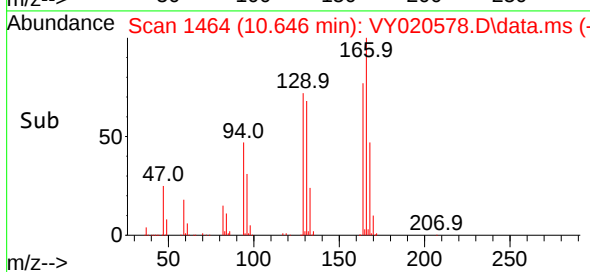
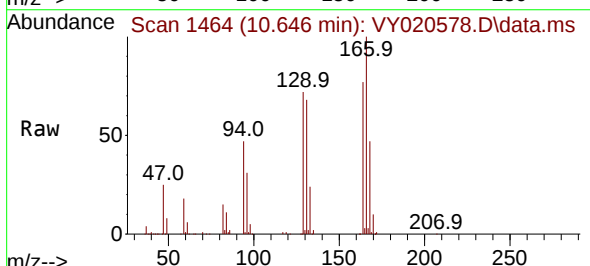
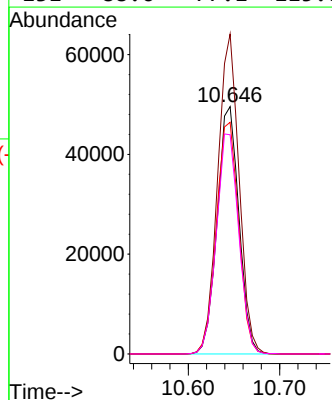
Ion Ratio Lower Upper

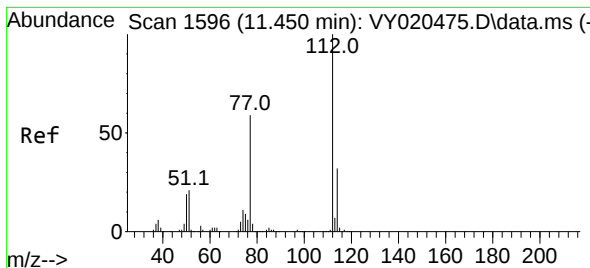
164 100

166 129.4 103.8 155.8

129 93.7 79.0 118.4

131 88.6 77.1 115.7





#65

Chlorobenzene

Concen: 48.284 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.012 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

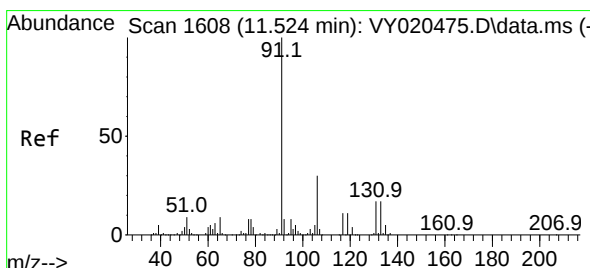
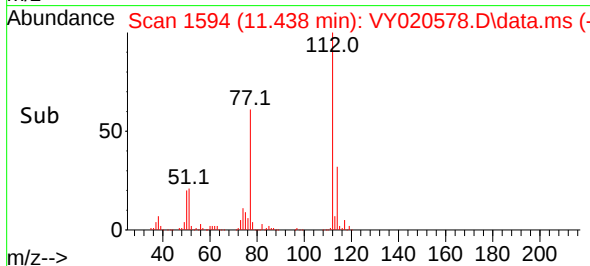
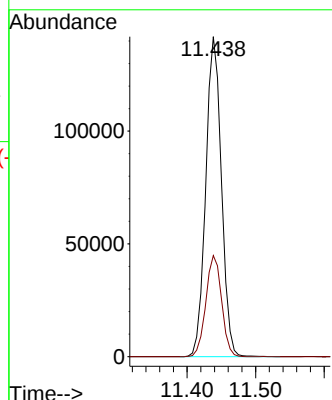
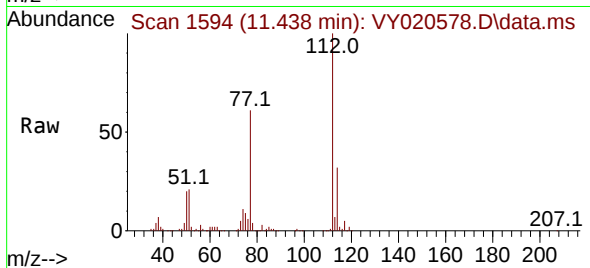
ClientSampleId :

Tgt Ion:112 Resp: 225314

Ion Ratio Lower Upper

112 100

114 31.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 49.017 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.012 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

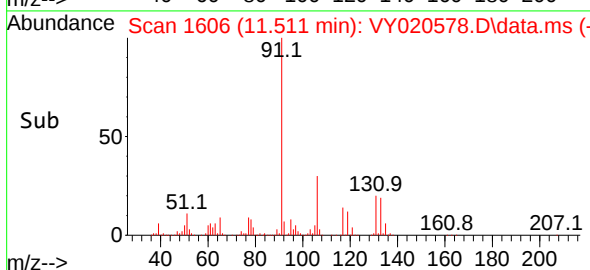
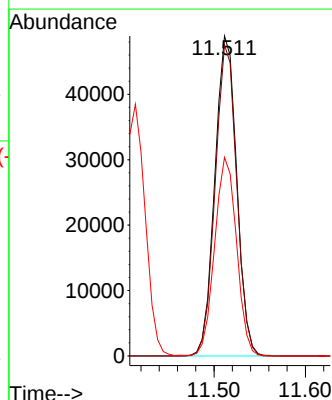
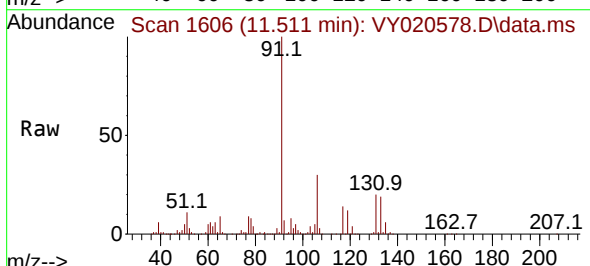
Tgt Ion:131 Resp: 81120

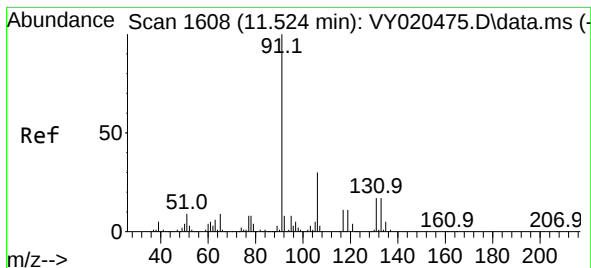
Ion Ratio Lower Upper

131 100

133 95.8 47.8 143.3

119 62.5 32.5 97.5





#67

Ethyl Benzene

Concen: 46.736 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

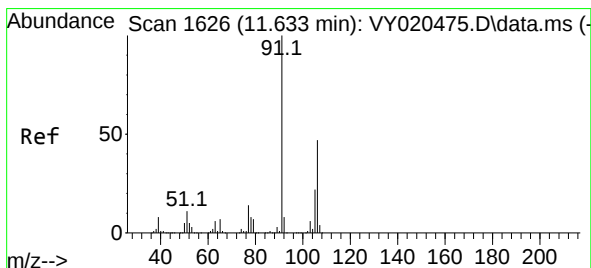
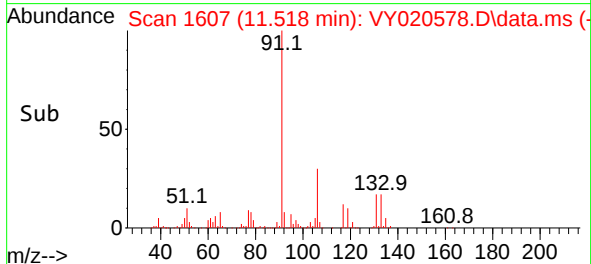
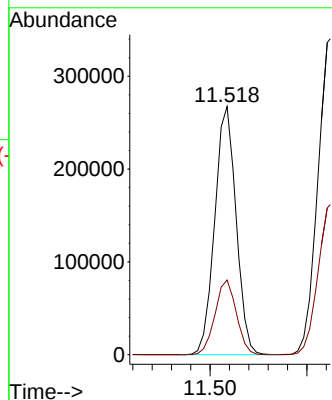
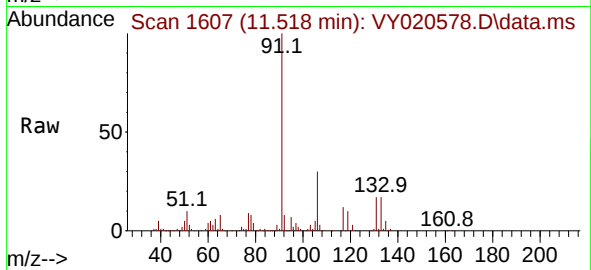
ClientSampleId :

Tgt Ion: 91 Resp: 408795

Ion Ratio Lower Upper

91 100

106 30.1 23.9 35.9



#68

m/p-Xylenes

Concen: 94.278 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020578.D

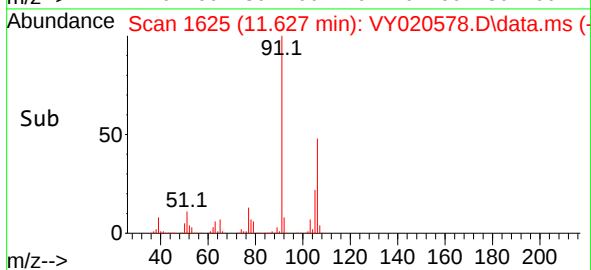
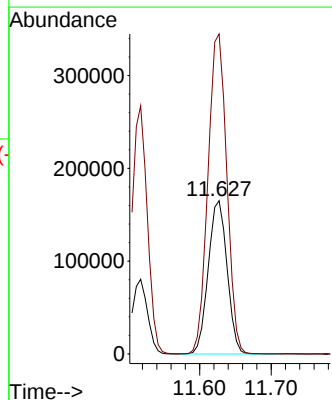
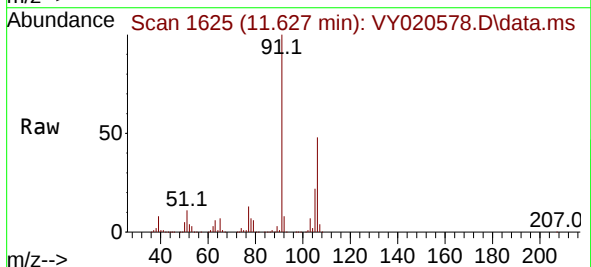
Acq: 10 Dec 2024 18:53

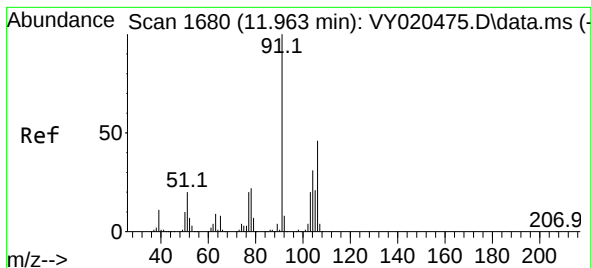
Tgt Ion:106 Resp: 301962

Ion Ratio Lower Upper

106 100

91 208.8 166.0 249.0





#69

o-Xylene

Concen: 48.473 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

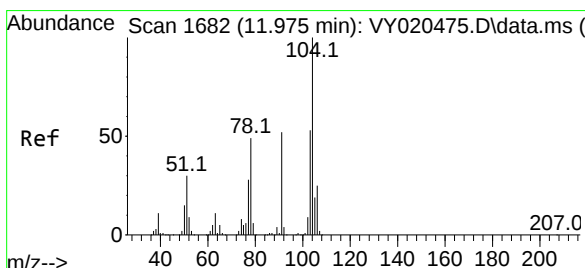
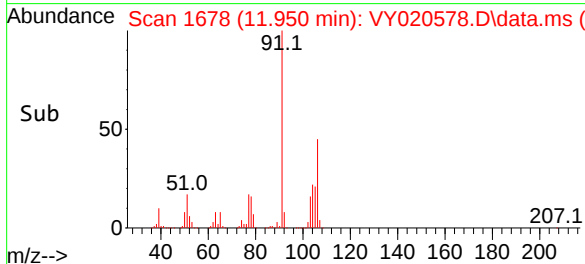
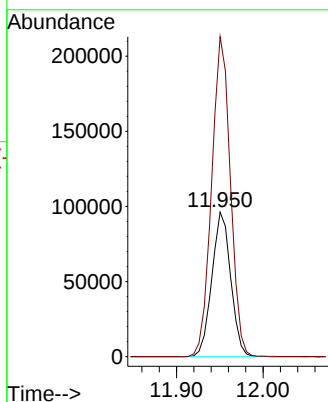
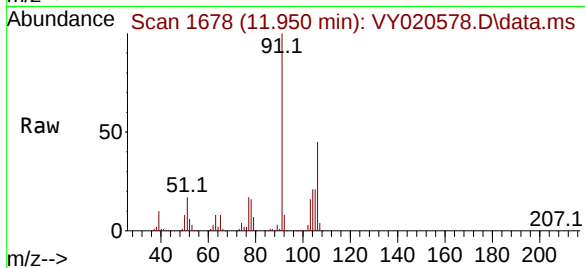
ClientSampleId :

Tgt Ion:106 Resp: 145449

Ion Ratio Lower Upper

106 100

91 220.4 110.0 330.0



#70

Styrene

Concen: 50.199 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

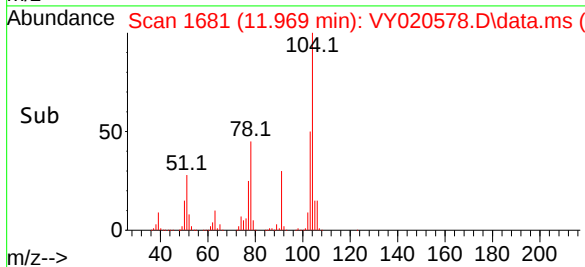
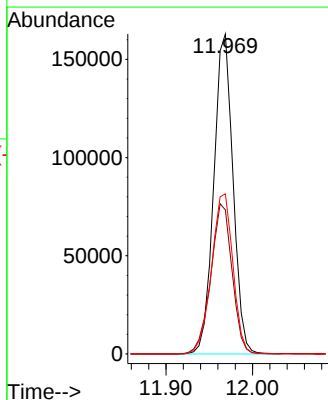
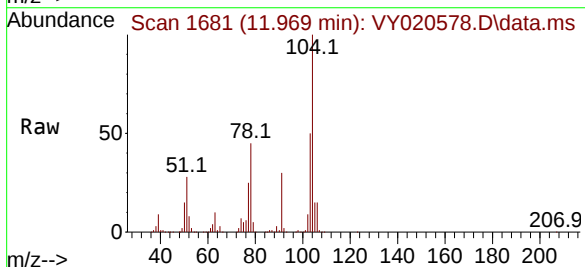
Tgt Ion:104 Resp: 251302

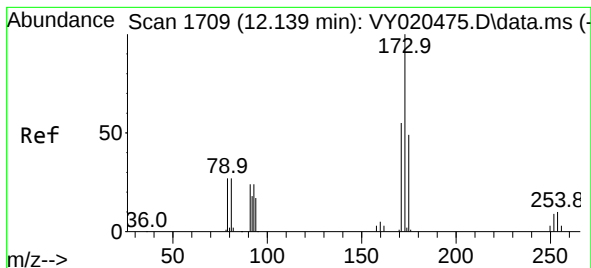
Ion Ratio Lower Upper

104 100

78 52.0 41.4 62.2

103 55.8 44.2 66.4





#71

Bromoform

Concen: 56.643 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

ClientSampleId :

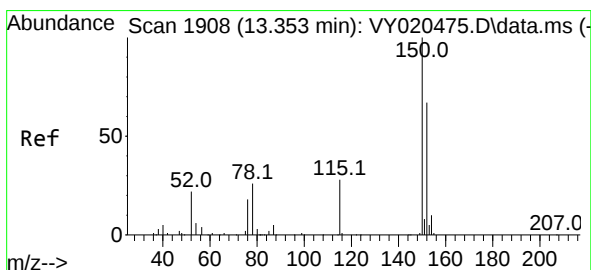
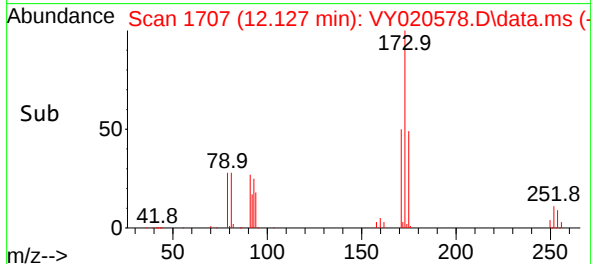
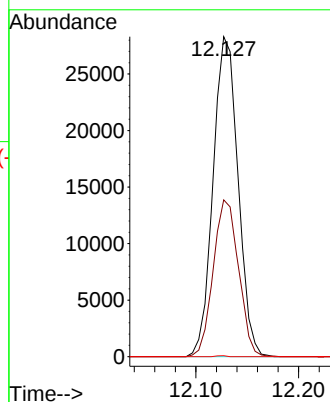
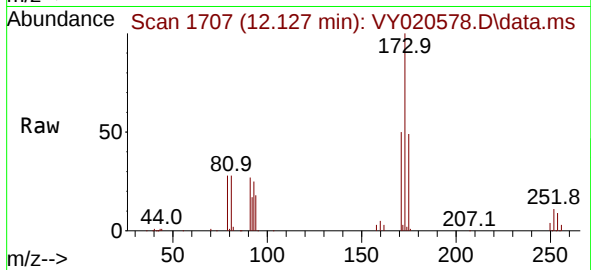
Tgt Ion:173 Resp: 47660

Ion Ratio Lower Upper

173 100

175 49.7 24.3 73.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

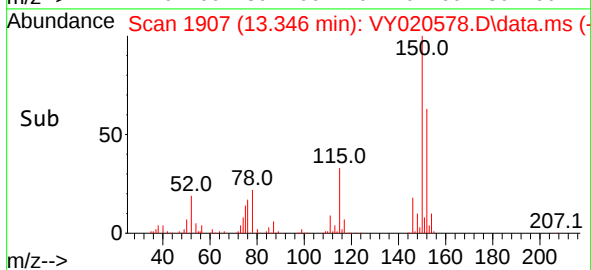
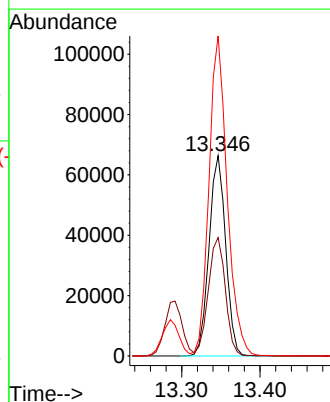
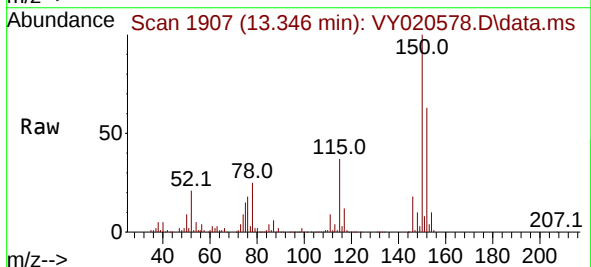
Tgt Ion:152 Resp: 98004

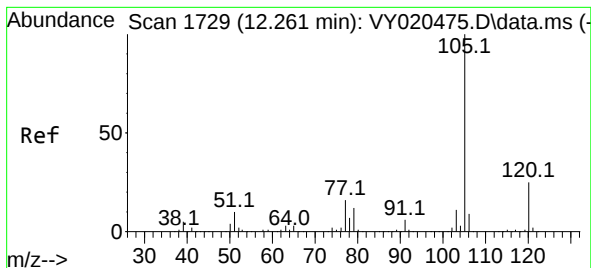
Ion Ratio Lower Upper

152 100

115 60.5 30.0 90.0

150 174.4 0.0 348.2





#73

Isopropylbenzene

Concen: 40.995 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

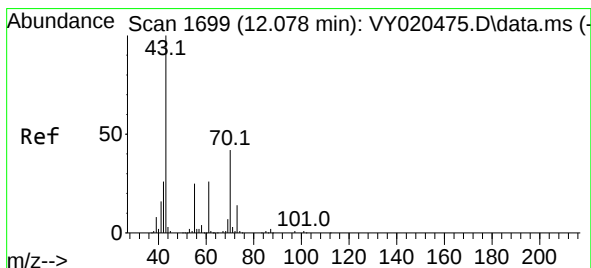
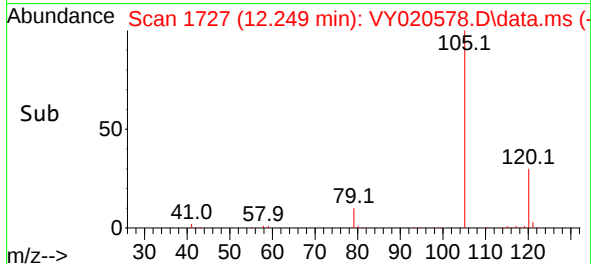
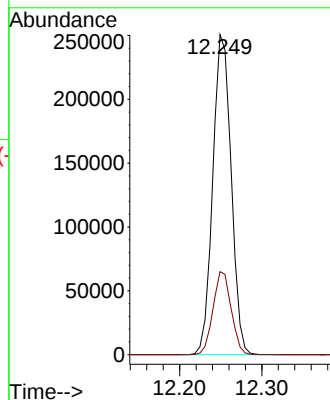
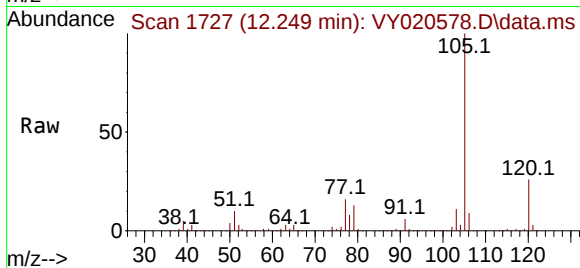
ClientSampleId :

Tgt Ion:105 Resp: 388733

Ion Ratio Lower Upper

105 100

120 25.6 12.7 38.1



#74

N-ethyl acetate

Concen: 55.105 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.012 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Tgt Ion: 43 Resp: 102415

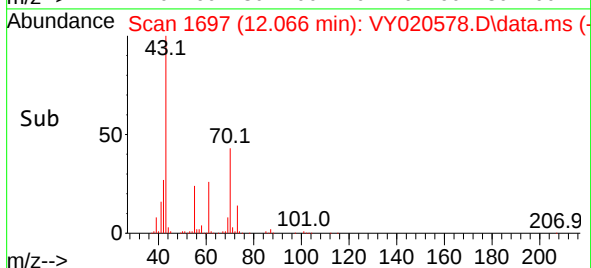
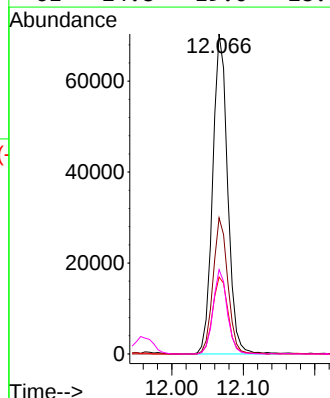
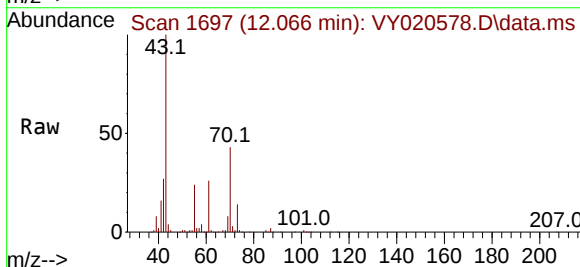
Ion Ratio Lower Upper

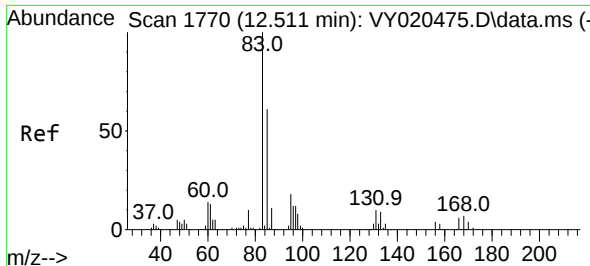
43 100

70 41.8 32.9 49.3

55 24.8 19.3 28.9

61 24.8 19.0 28.4

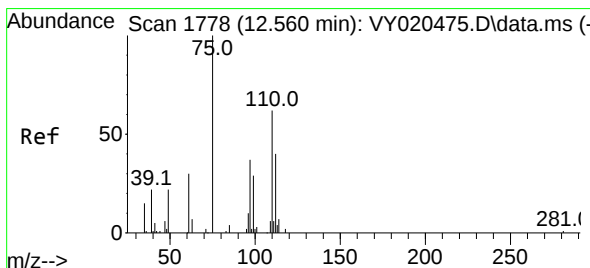
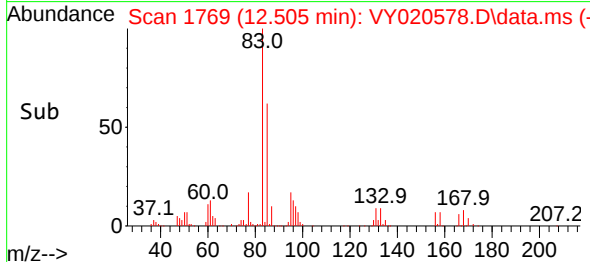
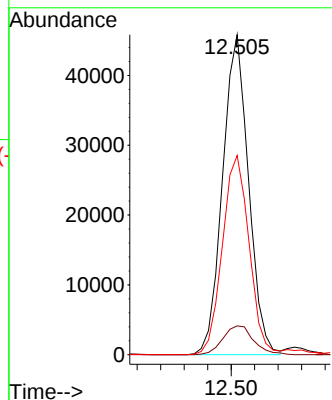
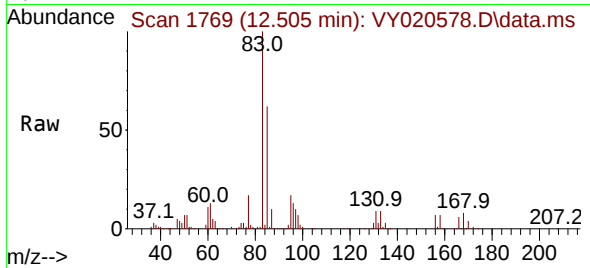




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.584 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY020578.D
 Acq: 10 Dec 2024 18:53

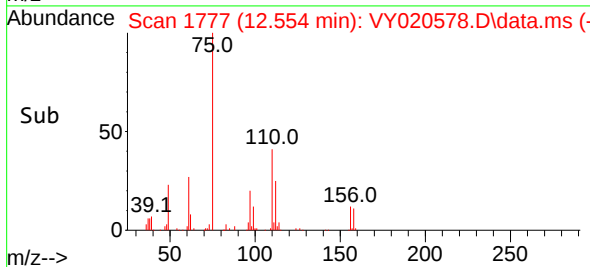
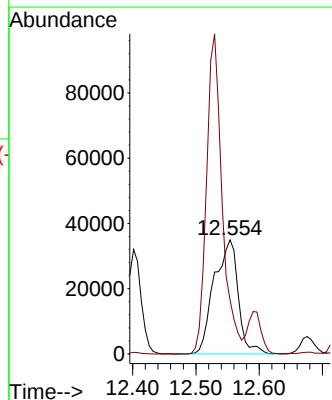
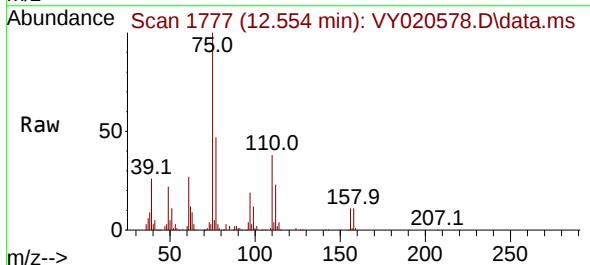
Instrument :
 MSVOA_Y
 ClientSampleId :

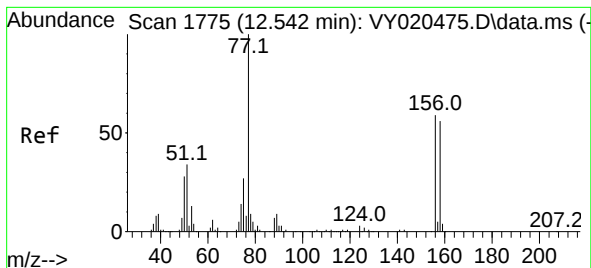
Tgt Ion: 83 Resp: 70342
 Ion Ratio Lower Upper
 83 100
 131 10.6 4.8 14.4
 85 63.9 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 92.440 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY020578.D
 Acq: 10 Dec 2024 18:53

Tgt Ion: 75 Resp: 92288
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.141 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.012 min

Lab File: VY020578.D

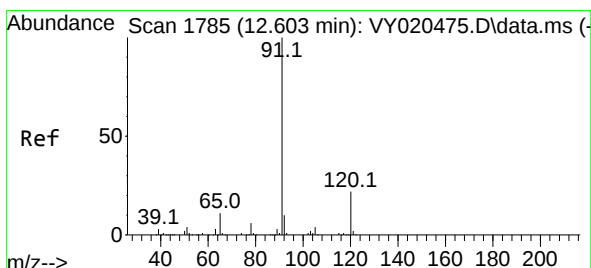
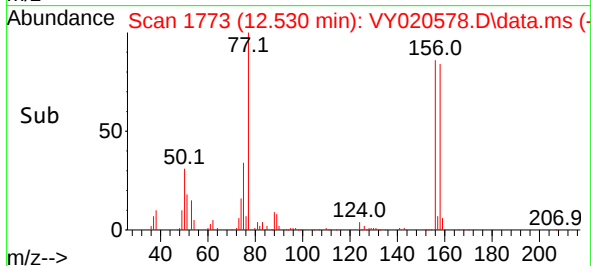
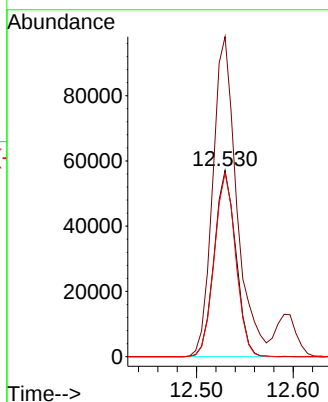
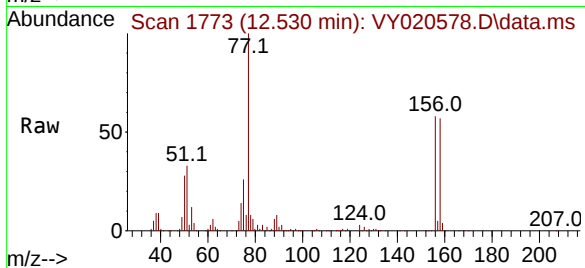
Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	88644
Ion Ratio	Lower	Upper	
156	100		
77	191.0	97.2	291.6
158	97.4	47.8	143.4



#78

n-propylbenzene

Concen: 41.416 ug/l

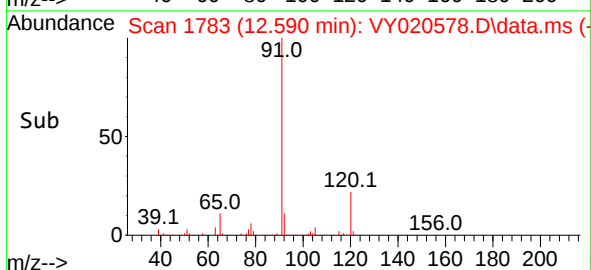
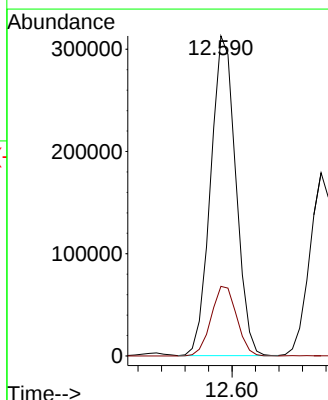
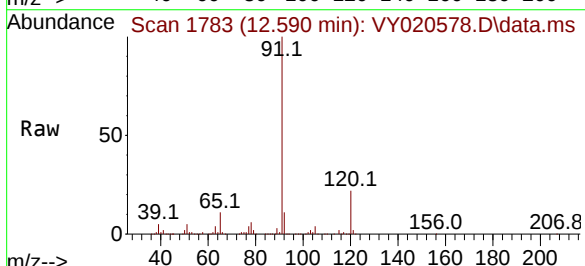
RT: 12.590 min Scan# 1783

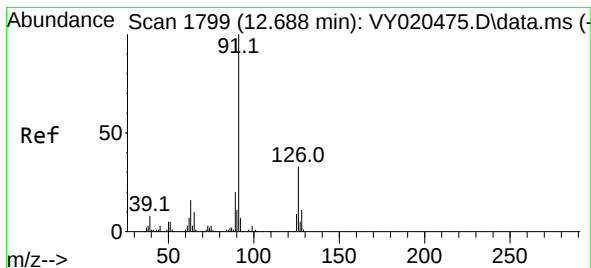
Delta R.T. -0.012 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Tgt Ion:	91	Resp:	464979
Ion Ratio	Lower	Upper	
91	100		
120	22.1	10.9	32.6

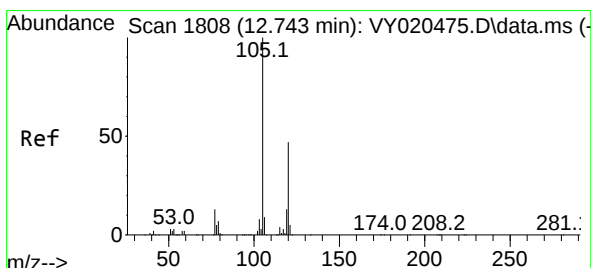
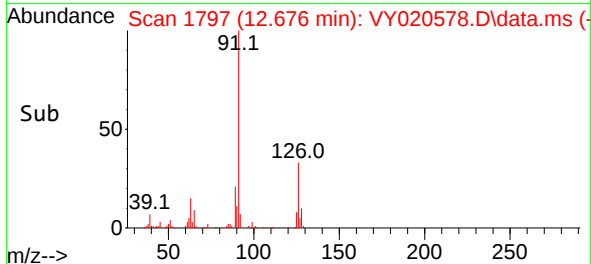
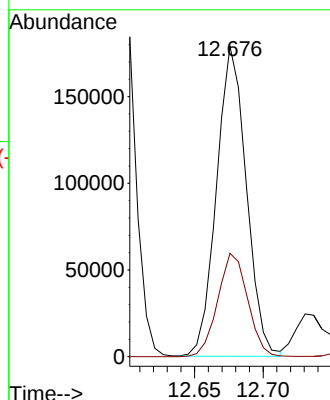
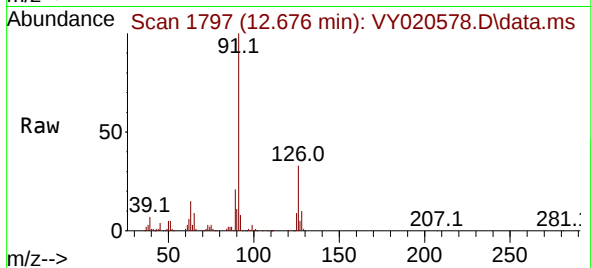




#79
2-Chlorotoluene
Concen: 42.680 ug/l
RT: 12.676 min Scan# 1799
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

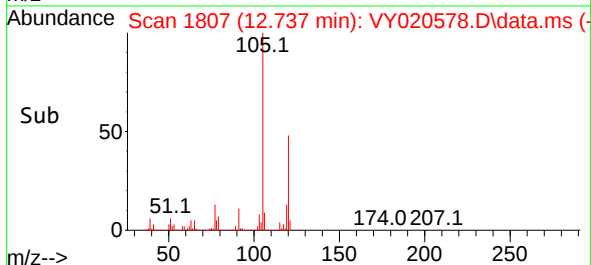
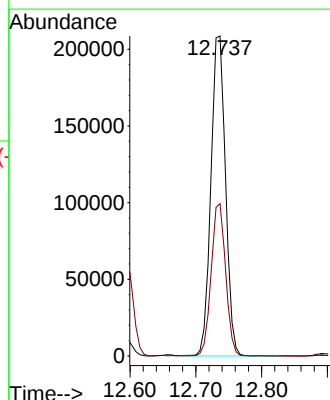
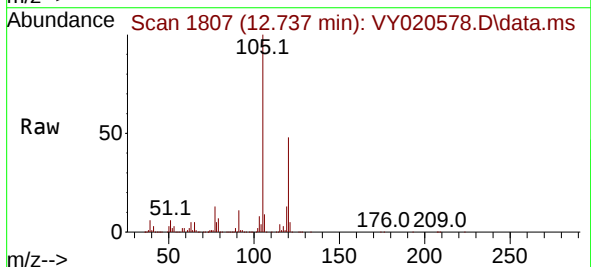
Instrument :
MSVOA_Y
ClientSampleId :

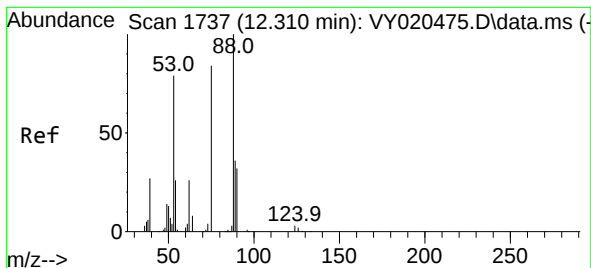
Tgt Ion: 91 Resp: 270380
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 42.428 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion: 105 Resp: 322404
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.8

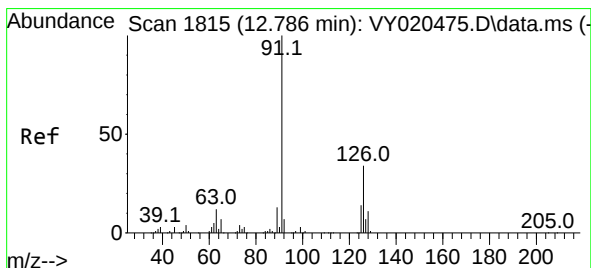
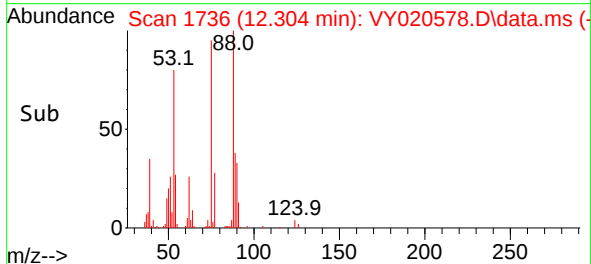
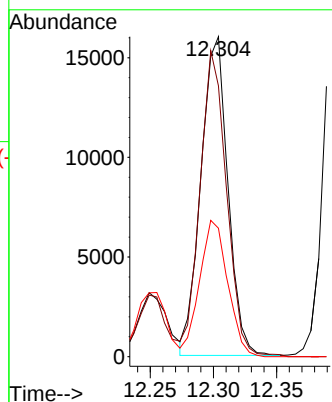
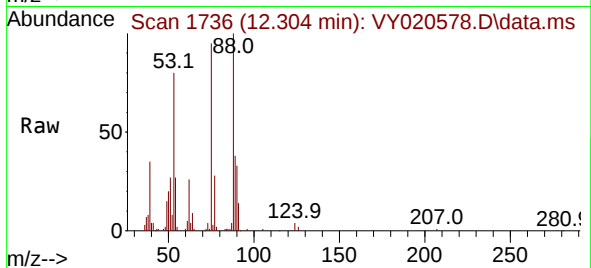




#81
trans-1,4-Dichloro-2-butene
Concen: 48.777 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

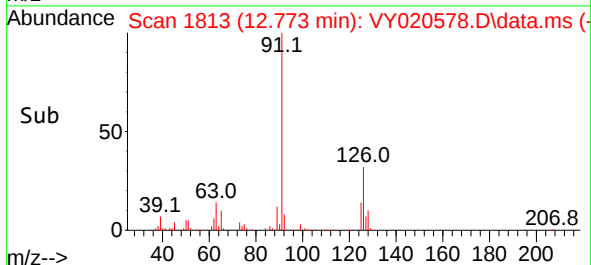
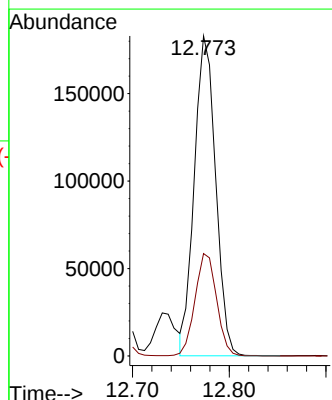
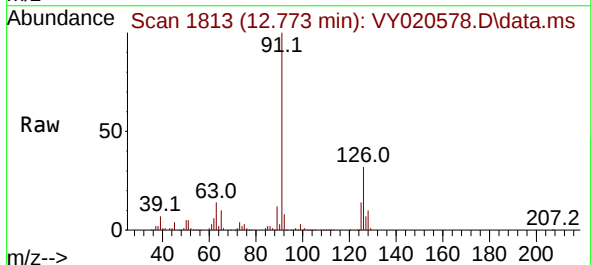
Instrument :
MSVOA_Y
ClientSampleId :

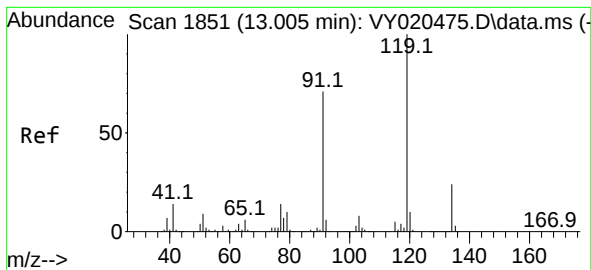
Tgt Ion: 75 Resp: 23733
Ion Ratio Lower Upper
75 100
53 94.5 81.1 121.7
89 44.8 35.1 52.7



#82
4-Chlorotoluene
Concen: 43.300 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion: 91 Resp: 279923
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.8





#83

tert-Butylbenzene

Concen: 42.309 ug/l

RT: 12.993 min Scan# 119

Delta R.T. -0.012 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

ClientSampleId :

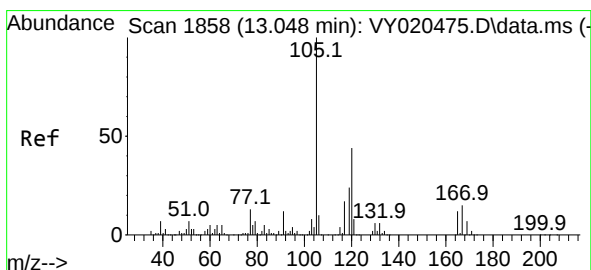
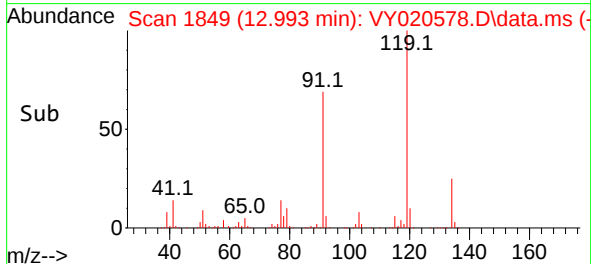
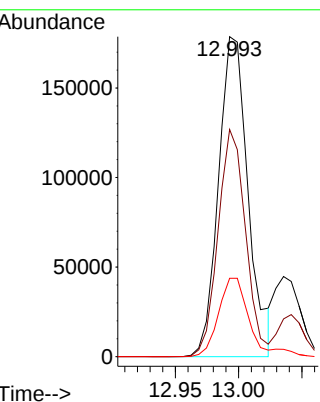
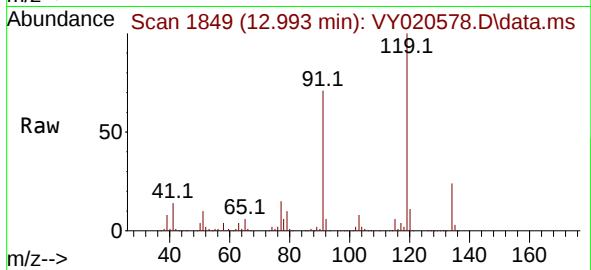
Tgt Ion:119 Resp: 290672

Ion Ratio Lower Upper

119 100

91 66.1 33.3 99.9

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 43.642 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020578.D

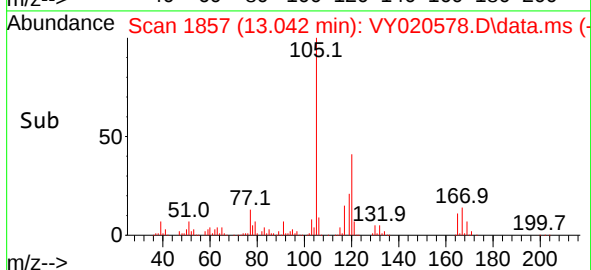
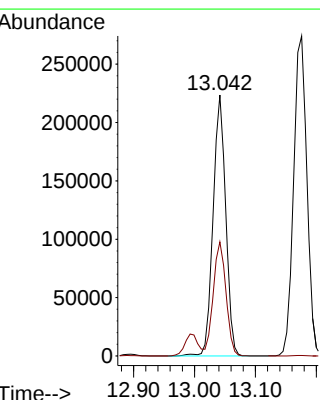
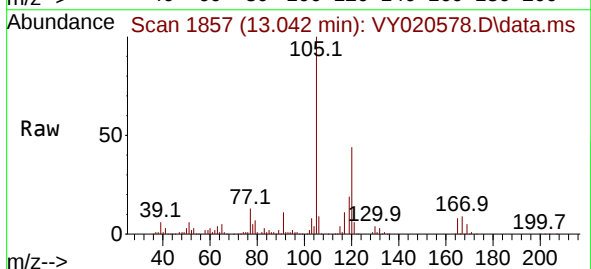
Acq: 10 Dec 2024 18:53

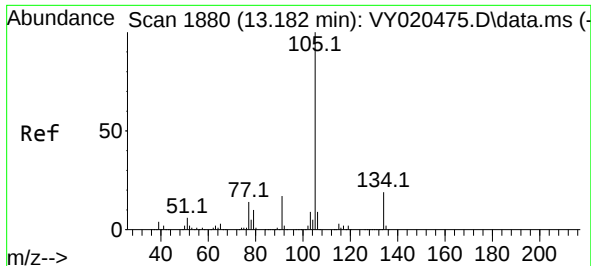
Tgt Ion:105 Resp: 322337

Ion Ratio Lower Upper

105 100

120 43.7 22.0 66.0

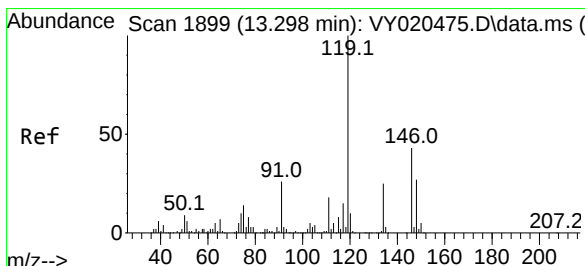
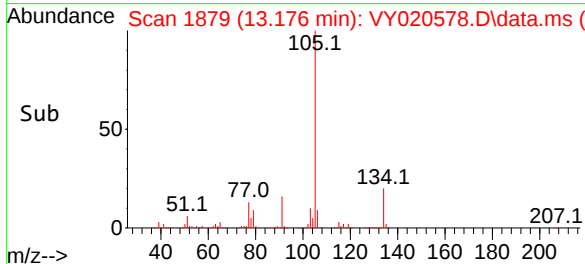
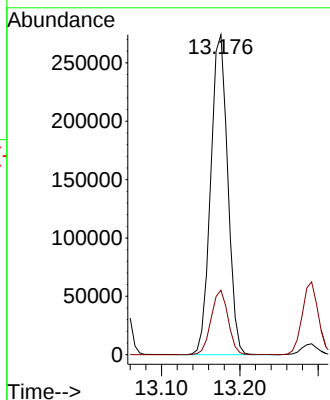
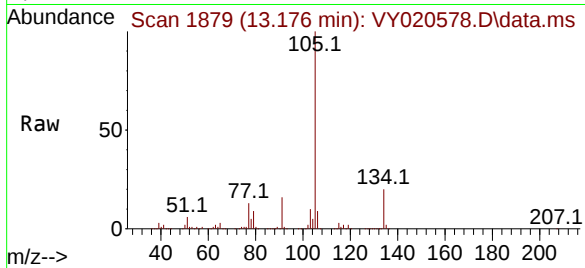




#85
 sec-Butylbenzene
 Concen: 42.017 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.006 min
 Lab File: VY020578.D
 Acq: 10 Dec 2024 18:53

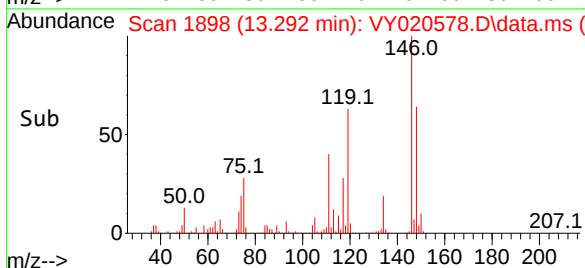
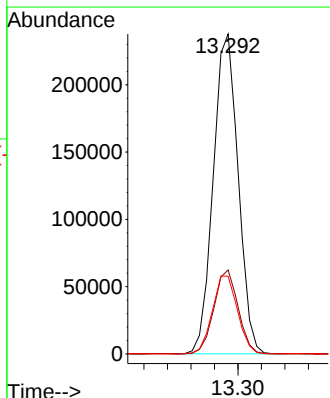
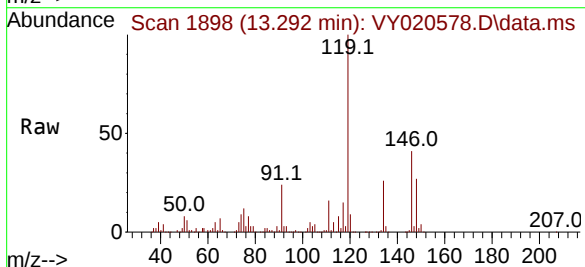
Instrument :
 MSVOA_Y
 ClientSampleId :

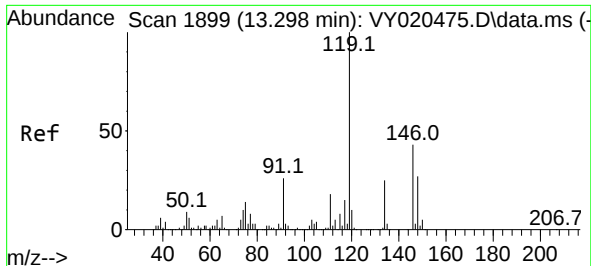
Tgt Ion:105 Resp: 413691
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 42.993 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY020578.D
 Acq: 10 Dec 2024 18:53

Tgt Ion:119 Resp: 349801
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.7 12.3 36.8

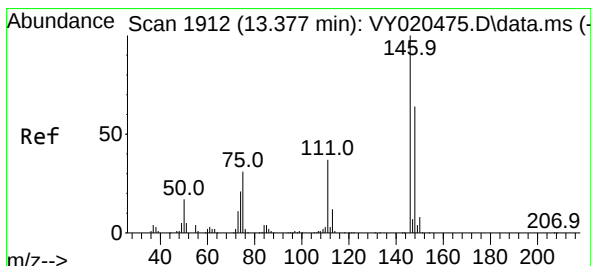
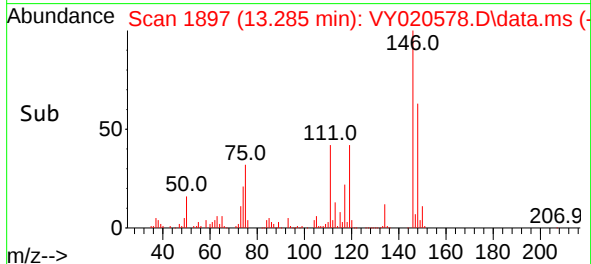
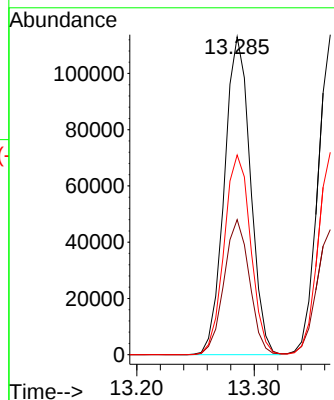
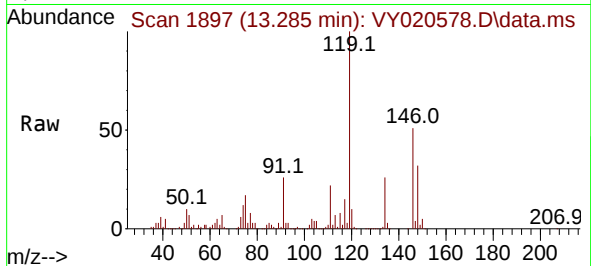




#87
 1,3-Dichlorobenzene
 Concen: 45.946 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.012 min
 Lab File: VY020578.D
 Acq: 10 Dec 2024 18:53

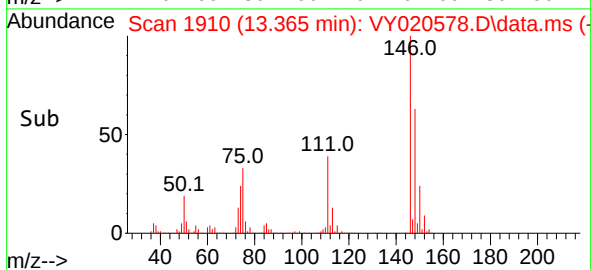
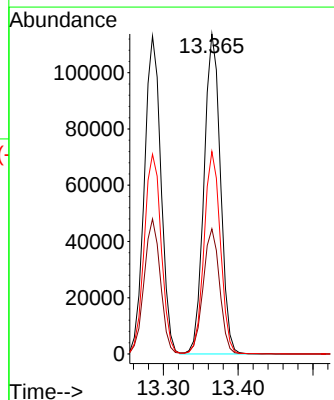
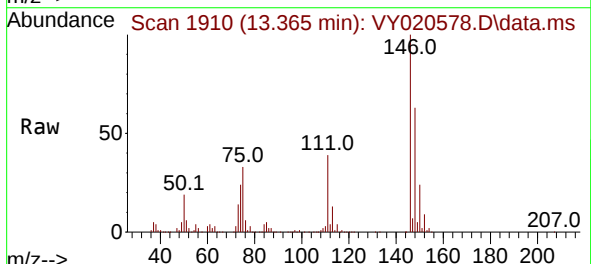
Instrument :
 MSVOA_Y
 ClientSampleId :

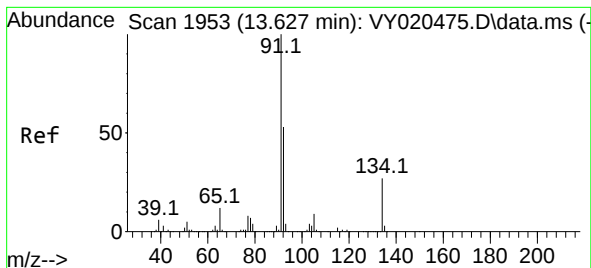
Tgt Ion:146 Resp: 174002
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.5 61.6
 148 64.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 46.813 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.012 min
 Lab File: VY020578.D
 Acq: 10 Dec 2024 18:53

Tgt Ion:146 Resp: 173559
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.9 59.6
 148 62.7 32.0 96.2





#89

n-Butylbenzene

Concen: 43.463 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.012 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

ClientSampleId :

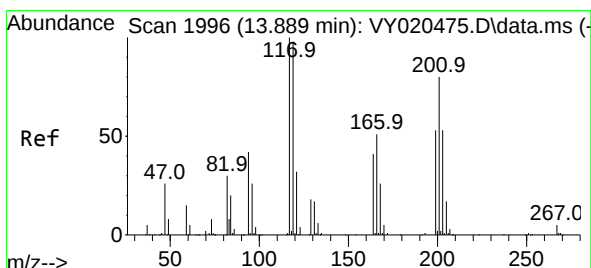
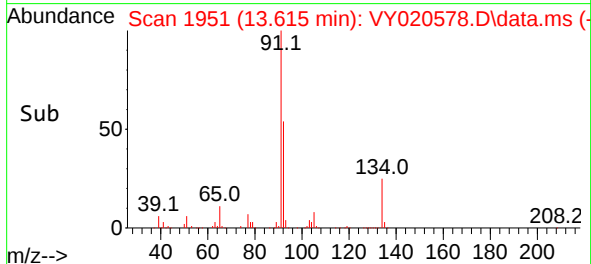
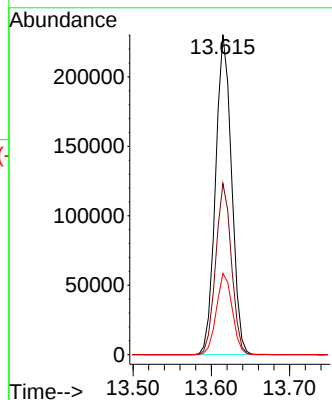
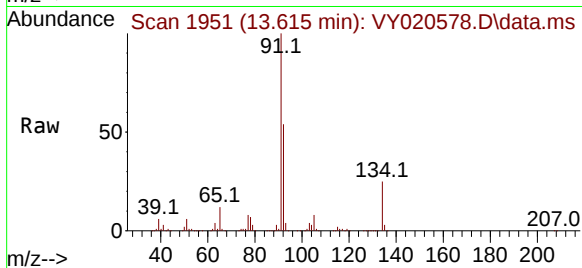
Tgt Ion: 91 Resp: 327975

Ion Ratio Lower Upper

91 100

92 52.5 26.5 79.5

134 25.2 12.2 36.4



#90

Hexachloroethane

Concen: 43.630 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.012 min

Lab File: VY020578.D

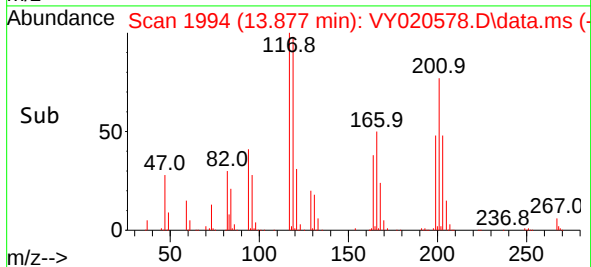
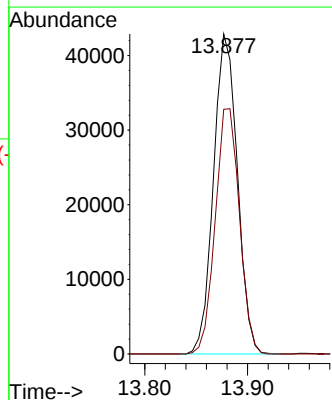
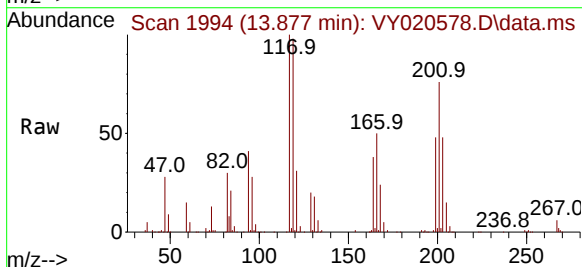
Acq: 10 Dec 2024 18:53

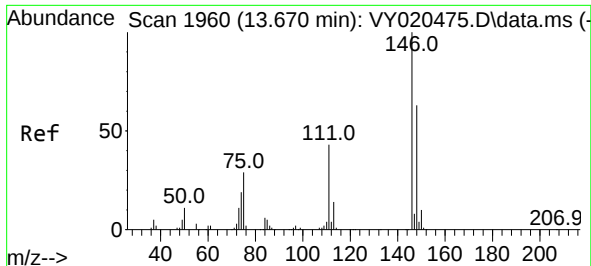
Tgt Ion: 117 Resp: 69182

Ion Ratio Lower Upper

117 100

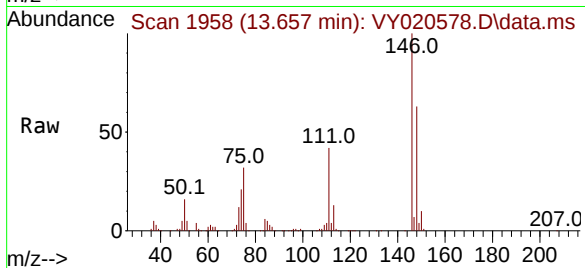
201 77.8 37.1 111.3



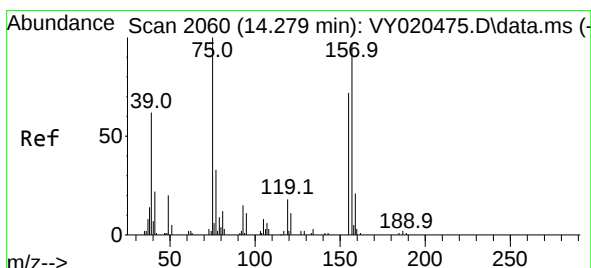
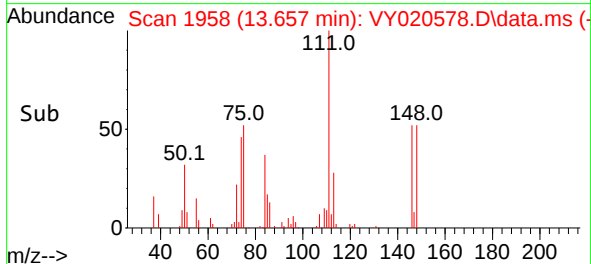
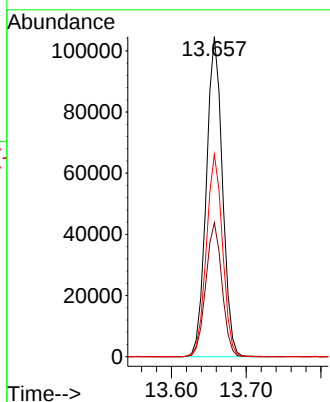


#91
1,2-Dichlorobenzene
Concen: 48.797 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.012 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Instrument :
MSVOA_Y
ClientSampleId :

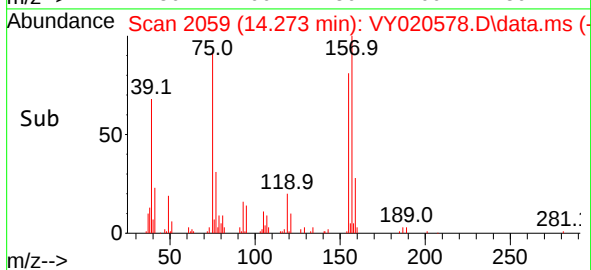
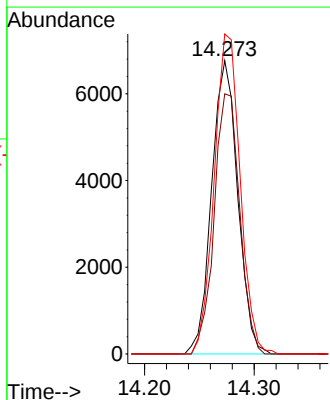
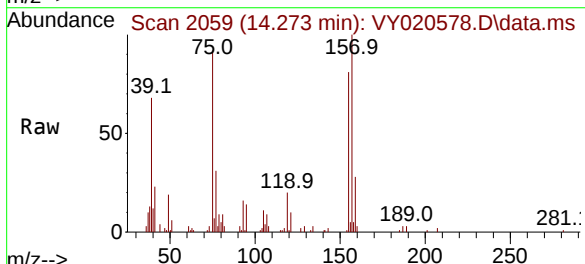


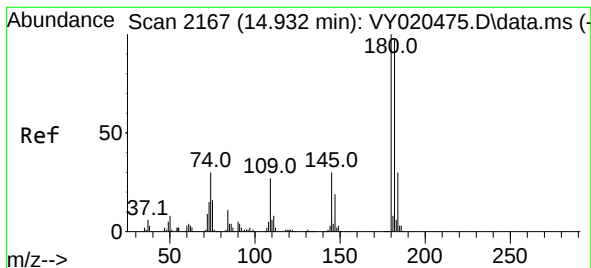
Tgt Ion:146 Resp: 156719
Ion Ratio Lower Upper
146 100
111 41.9 20.8 62.5
148 63.2 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.181 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY020578.D
Acq: 10 Dec 2024 18:53

Tgt Ion: 75 Resp: 11185
Ion Ratio Lower Upper
75 100
155 86.9 39.7 119.1
157 108.7 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 52.700 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.012 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

ClientSampleId :

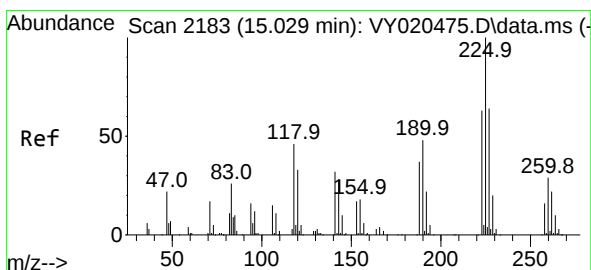
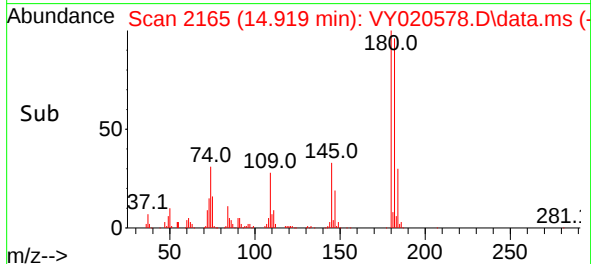
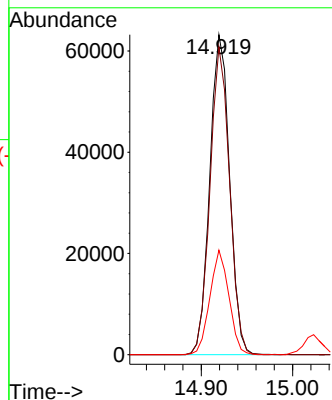
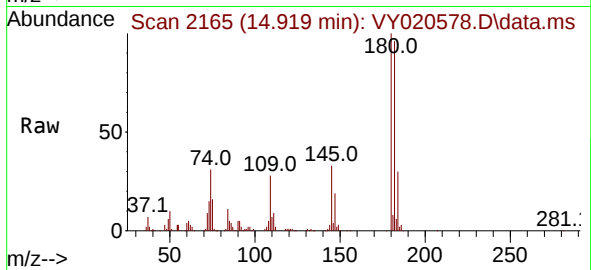
Tgt Ion:180 Resp: 95171

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.8

145 31.3 15.8 47.3



#94

Hexachlorobutadiene

Concen: 45.950 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

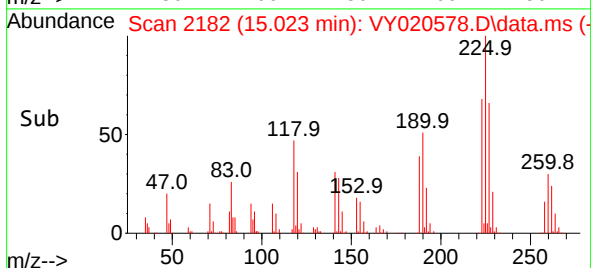
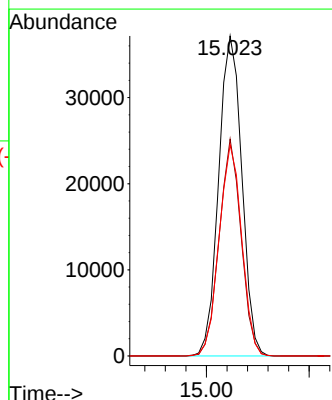
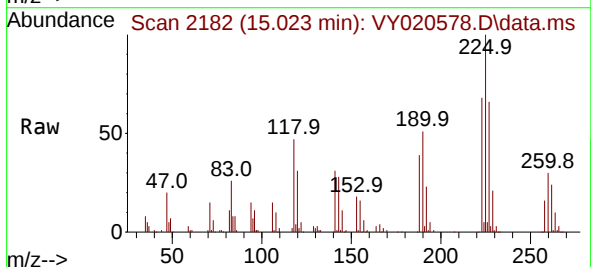
Tgt Ion:225 Resp: 58052

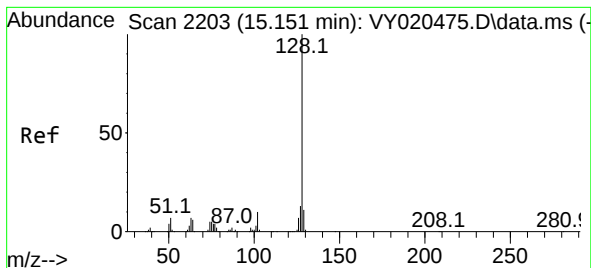
Ion Ratio Lower Upper

225 100

223 64.0 31.9 95.5

227 64.6 32.3 96.8





#95

Naphthalene

Concen: 60.981 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Instrument :

MSVOA_Y

ClientSampleId :

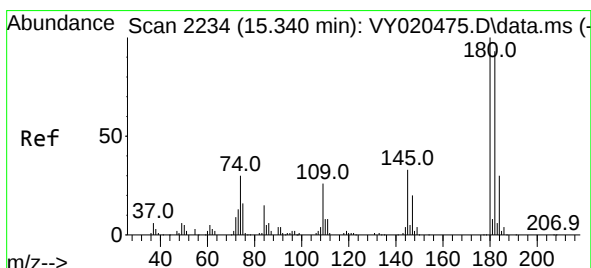
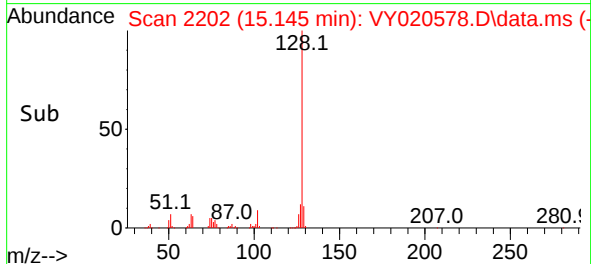
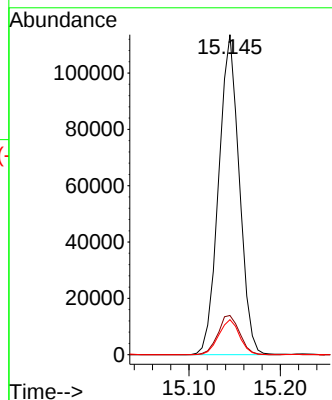
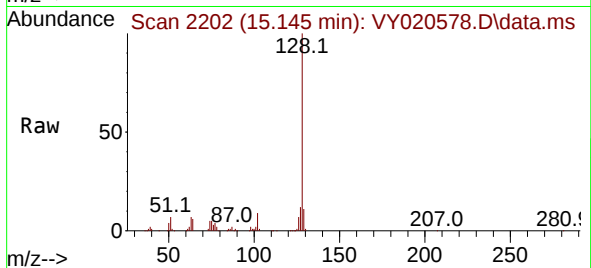
Tgt Ion:128 Resp: 178210

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 56.607 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.012 min

Lab File: VY020578.D

Acq: 10 Dec 2024 18:53

Tgt Ion:180 Resp: 82488

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 32.8 16.9 50.6

