

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019478.D
 Acq On : 10 Sep 2024 10:14
 Operator : SY/MD
 Sample : VY0910SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 11 01:46:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	555909	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	956822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	803040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	377648	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	253336	49.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.420%
35) Dibromofluoromethane	7.634	113	257801	47.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.040%
50) Toluene-d8	10.109	98	971798	48.431	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.407	95	342552	44.398	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	82843	25.237	ug/l	99
3) Chloromethane	2.074	50	98645	21.448	ug/l	96
4) Vinyl Chloride	2.208	62	112923	22.705	ug/l	97
5) Bromomethane	2.598	94	70900	23.209	ug/l	96
6) Chloroethane	2.739	64	74093	22.789	ug/l	96
7) Trichlorofluoromethane	3.062	101	180753	21.803	ug/l	98
8) Diethyl Ether	3.452	74	57015	20.488	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.818	101	105831	20.636	ug/l	96
10) Methyl Iodide	4.007	142	134337	20.431	ug/l	93
11) Tert butyl alcohol	4.860	59	37776	90.871	ug/l	# 82
12) 1,1-Dichloroethene	3.787	96	99053	20.083	ug/l	90
13) Acrolein	3.653	56	29971	143.664	ug/l	100
14) Allyl chloride	4.385	41	179394	20.282	ug/l	# 92
15) Acrylonitrile	5.055	53	117164	97.643	ug/l	97
16) Acetone	3.866	43	122886	100.206	ug/l	# 84
17) Carbon Disulfide	4.104	76	257606	19.331	ug/l	99
18) Methyl Acetate	4.391	43	53719	16.141	ug/l	93
19) Methyl tert-butyl Ether	5.116	73	287563	20.586	ug/l	98
20) Methylene Chloride	4.616	84	121250	21.680	ug/l	# 88
21) trans-1,2-Dichloroethene	5.110	96	112066	20.730	ug/l	91
22) Diisopropyl ether	6.018	45	384901	21.192	ug/l	92
23) Vinyl Acetate	5.957	43	1097489	105.787	ug/l	94
24) 1,1-Dichloroethane	5.915	63	214971	21.092	ug/l	99
25) 2-Butanone	6.896	43	171108	98.103	ug/l	# 85
26) 2,2-Dichloropropane	6.884	77	200039	21.759	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	138813	21.138	ug/l	89
28) Bromochloromethane	7.244	49	86141	20.087	ug/l	83
29) Tetrahydrofuran	7.262	42	101392	95.610	ug/l	87
30) Chloroform	7.421	83	226637	21.783	ug/l	98
31) Cyclohexane	7.701	56	180689	19.613	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	197715	21.201	ug/l	96
36) 1,1-Dichloropropene	7.835	75	152026	20.594	ug/l	97
37) Ethyl Acetate	6.982	43	73786	19.508	ug/l	97
38) Carbon Tetrachloride	7.817	117	172231	20.690	ug/l	100
39) Methylcyclohexane	9.109	83	193291	19.676	ug/l	91
40) Benzene	8.079	78	471638	20.744	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	43613	19.781	ug/l #	81
42) 1,2-Dichloroethane	8.158	62	126825	20.730	ug/l	96
43) Isopropyl Acetate	8.195	43	154617	19.458	ug/l #	81
44) Trichloroethene	8.865	130	118811	20.319	ug/l	94
45) 1,2-Dichloropropane	9.140	63	115930	20.856	ug/l	97
46) Dibromomethane	9.231	93	61647	20.281	ug/l	97
47) Bromodichloromethane	9.426	83	170226	20.833	ug/l	100
48) Methyl methacrylate	9.225	41	68526	18.262	ug/l	84
49) 1,4-Dioxane	9.231	88	13425	375.171	ug/l #	78
51) 4-Methyl-2-Pentanone	9.999	43	384530	96.188	ug/l	92
52) Toluene	10.170	92	304156	20.800	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	159568	20.486	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	187754	20.701	ug/l #	86
55) 1,1,2-Trichloroethane	10.572	97	85970	20.480	ug/l	97
56) Ethyl methacrylate	10.438	69	123124	19.309	ug/l #	80
57) 1,3-Dichloropropane	10.719	76	146399	20.289	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	269140	90.940	ug/l	98
59) 2-Hexanone	10.761	43	283516	96.735	ug/l	90
60) Dibromochloromethane	10.914	129	114612	20.640	ug/l	99
61) 1,2-Dibromoethane	11.018	107	79121	20.230	ug/l	99
64) Tetrachloroethene	10.652	164	99230	19.954	ug/l	98
65) Chlorobenzene	11.444	112	333522	21.114	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	115789	21.171	ug/l	98
67) Ethyl Benzene	11.524	91	590746	21.047	ug/l	98
68) m/p-Xylenes	11.627	106	445713	41.997	ug/l	94
69) o-Xylene	11.956	106	217686	20.973	ug/l	95
70) Styrene	11.975	104	363731	20.756	ug/l	96
71) Bromoform	12.133	173	61495	19.686	ug/l #	98
73) Isopropylbenzene	12.255	105	579402	21.148	ug/l	99
74) N-amyl acetate	12.072	43	148974	19.994	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	96613	19.867	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	128138	36.201	ug/l #	100
77) Bromobenzene	12.536	156	126206	20.770	ug/l	91
78) n-propylbenzene	12.596	91	692935	21.339	ug/l	100
79) 2-Chlorotoluene	12.682	91	399605	21.116	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	468748	21.046	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	35011	18.988	ug/l	92
82) 4-Chlorotoluene	12.779	91	412188	21.186	ug/l	95
83) tert-Butylbenzene	12.999	119	429542	21.303	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	471043	21.365	ug/l	97
85) sec-Butylbenzene	13.176	105	622622	21.256	ug/l	99
86) p-Isopropyltoluene	13.291	119	508392	21.213	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	246612	20.887	ug/l	96
88) 1,4-Dichlorobenzene	13.371	146	243856	20.811	ug/l	96
89) n-Butylbenzene	13.621	91	483261	21.093	ug/l	99
90) Hexachloroethane	13.883	117	103140	20.684	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	218549	20.743	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15226	18.787	ug/l	81
93) 1,2,4-Trichlorobenzene	14.919	180	122512	19.118	ug/l	97
94) Hexachlorobutadiene	15.023	225	67138	19.612	ug/l	99
95) Naphthalene	15.145	128	229665	17.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	105243	19.200	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

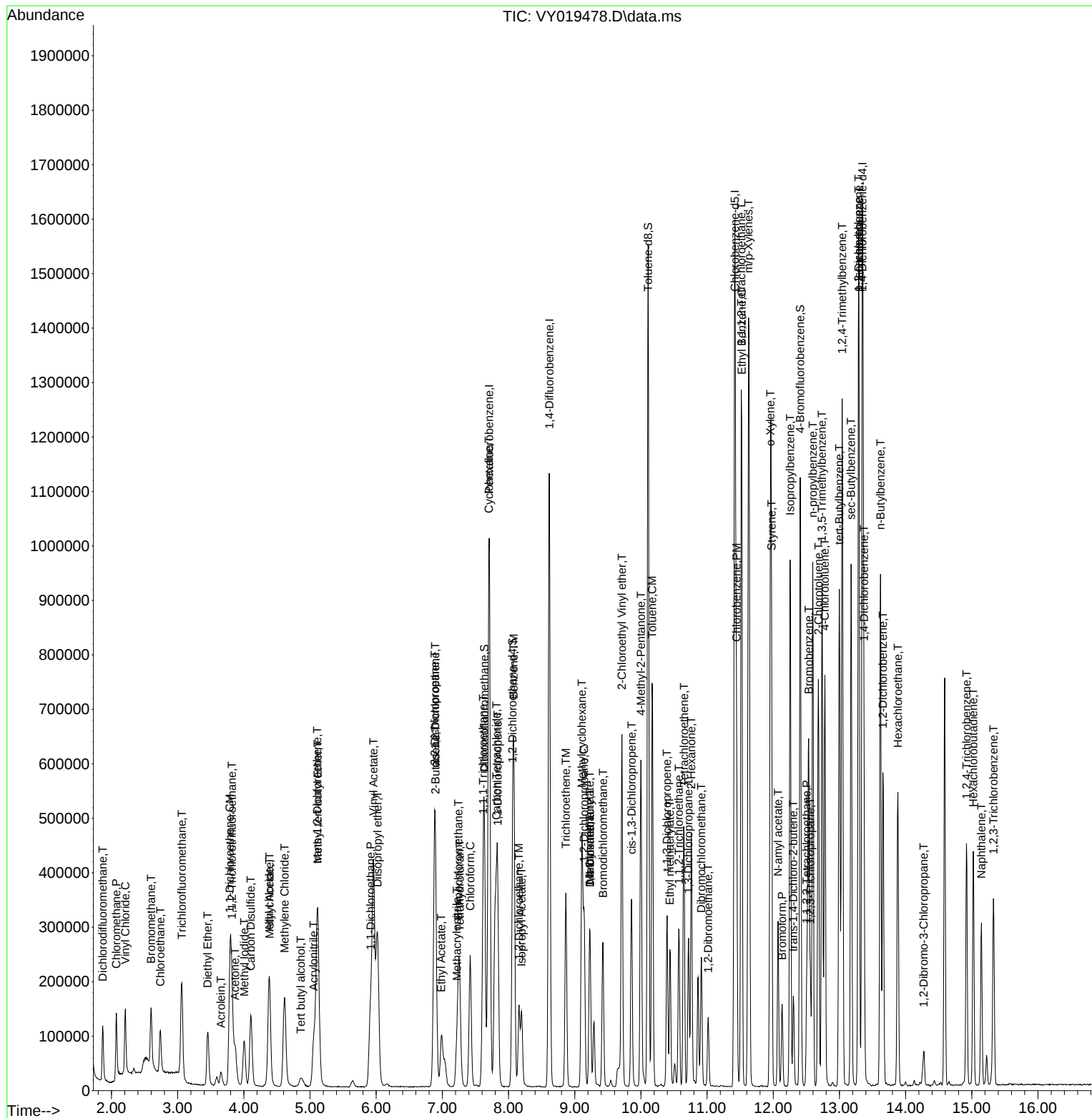
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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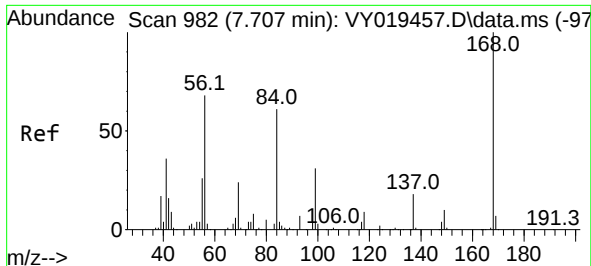
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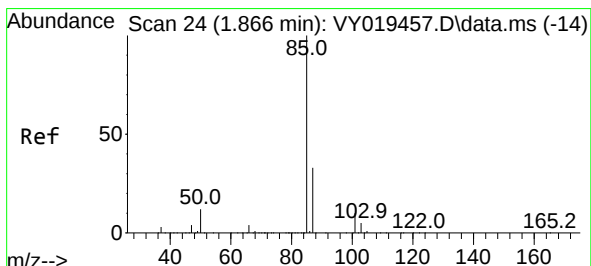
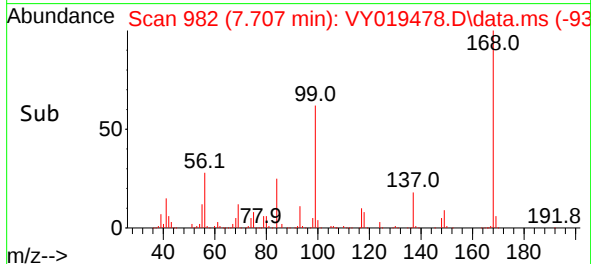
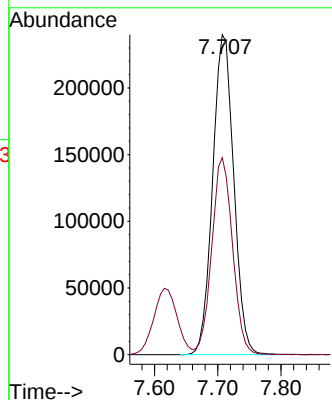
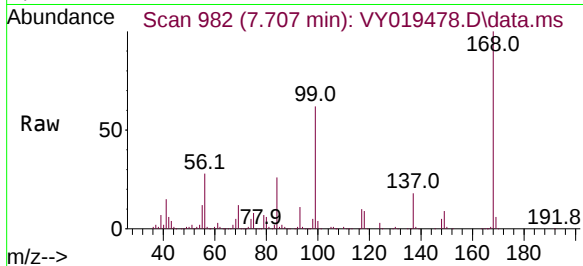




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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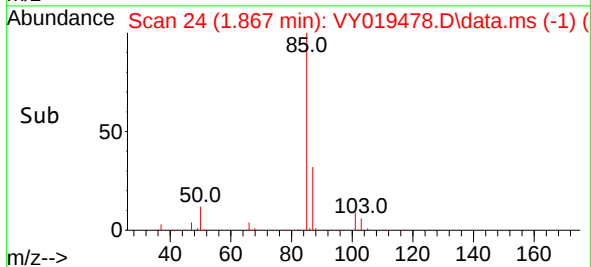
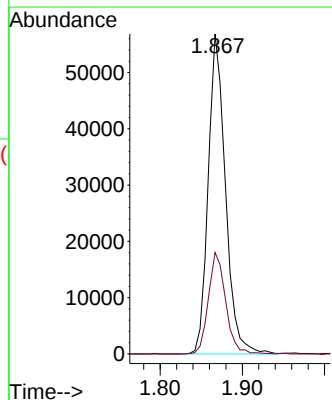
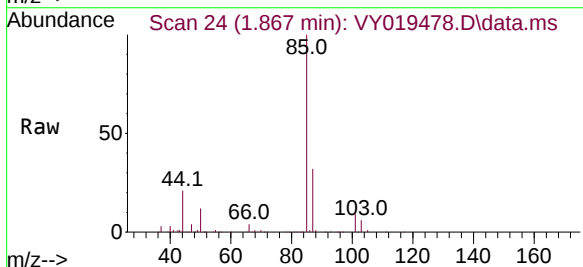
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 555909
Ion Ratio Lower Upper
168 100
99 61.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 25.237 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Tgt Ion: 85 Resp: 82843
Ion Ratio Lower Upper
85 100
87 31.7 16.0 48.0

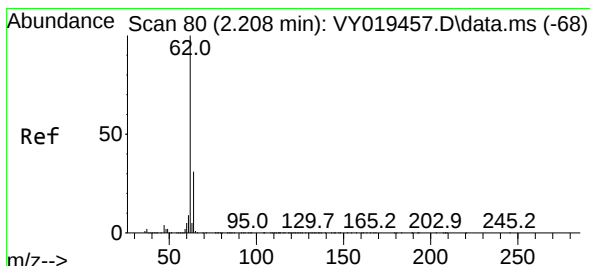
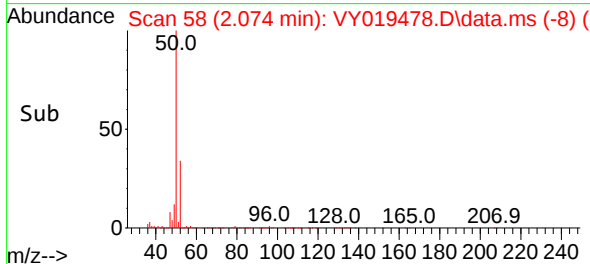
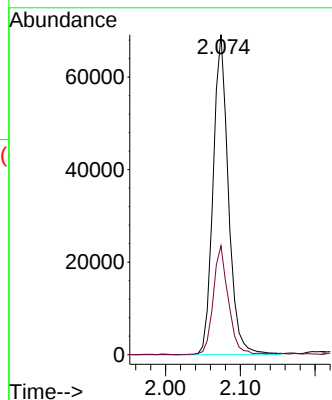
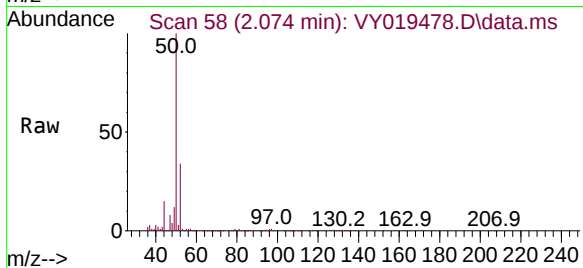




#3
Chloromethane
Concen: 21.448 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

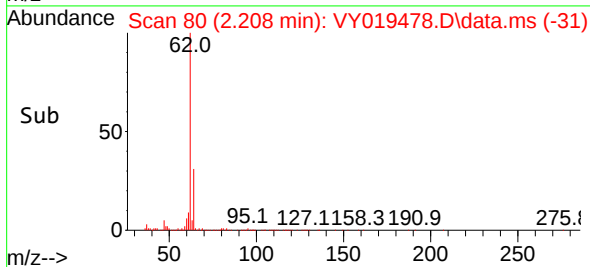
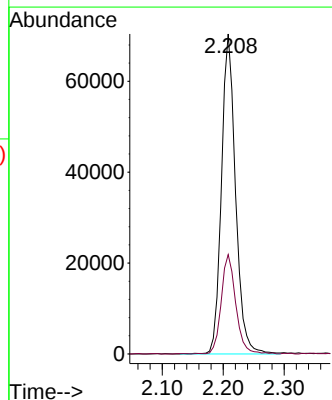
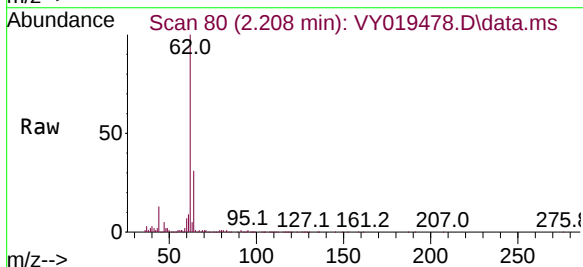
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 98645
Ion Ratio Lower Upper
50 100
52 34.0 25.6 38.4



#4
Vinyl Chloride
Concen: 22.705 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Tgt Ion: 62 Resp: 112923
Ion Ratio Lower Upper
62 100
64 31.0 26.1 39.1

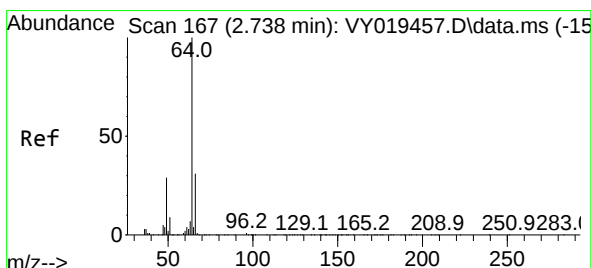
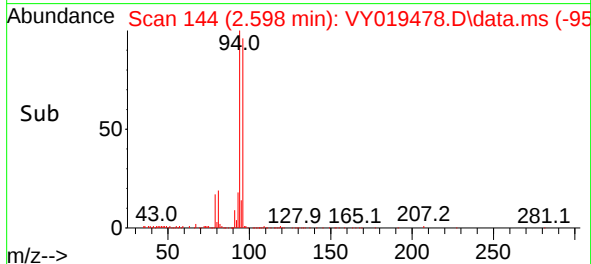
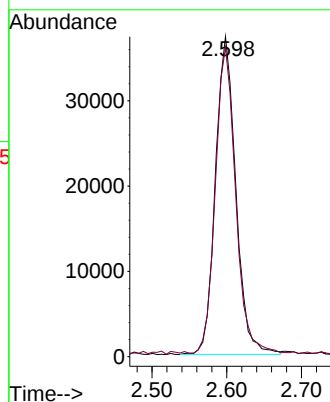
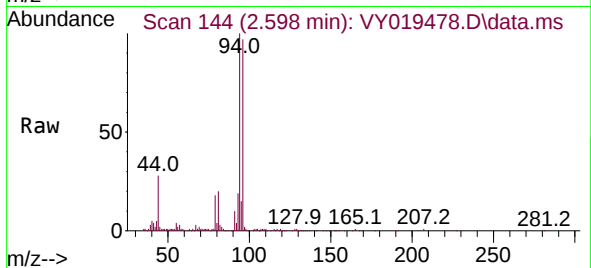




#5
Bromomethane
Concen: 23.209 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

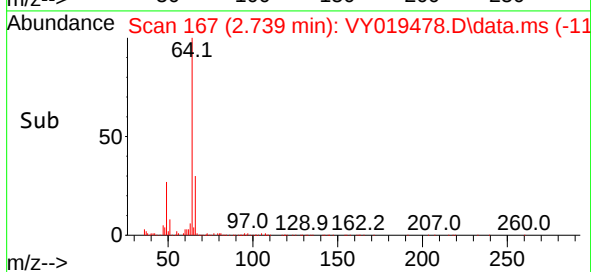
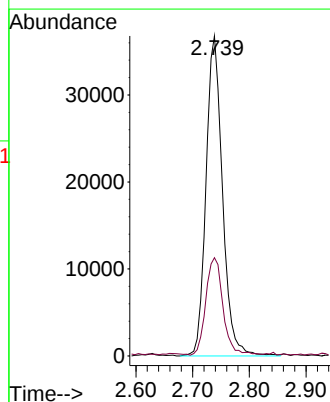
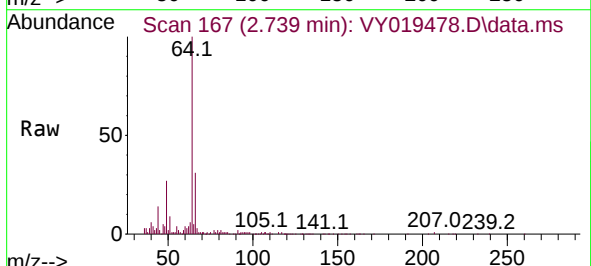
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 70900
Ion Ratio Lower Upper
94 100
96 96.2 74.1 111.1



#6
Chloroethane
Concen: 22.789 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Tgt Ion: 64 Resp: 74093
Ion Ratio Lower Upper
64 100
66 30.2 26.1 39.1

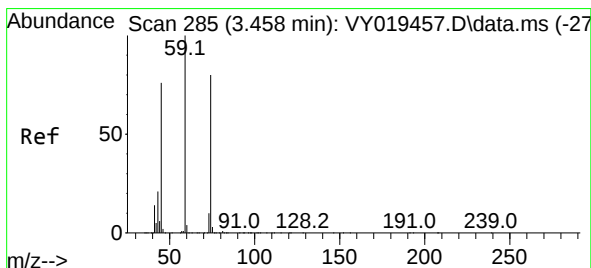
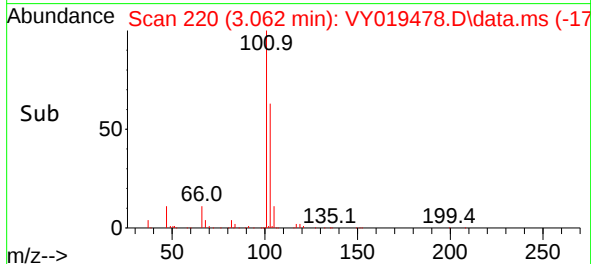
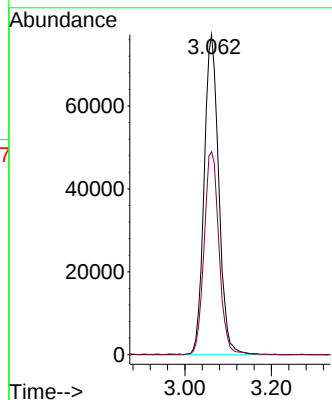
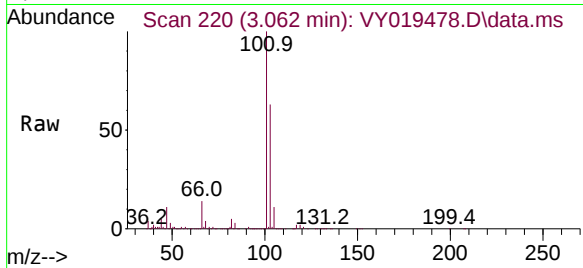




#7
 Trichlorofluoromethane
 Concen: 21.803 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019478.D
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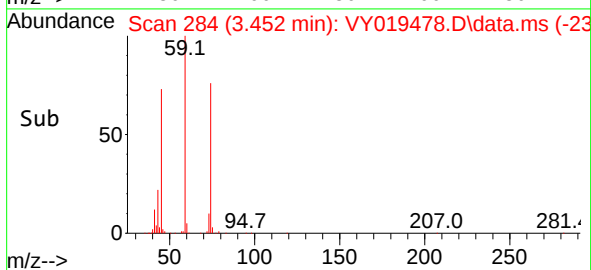
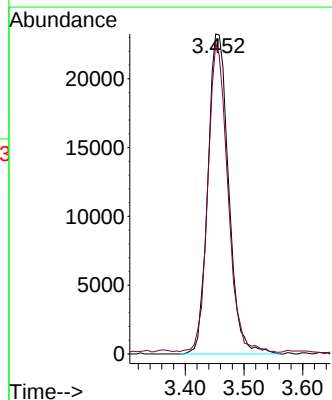
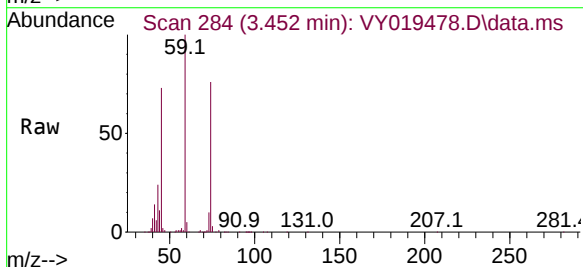
Instrument :
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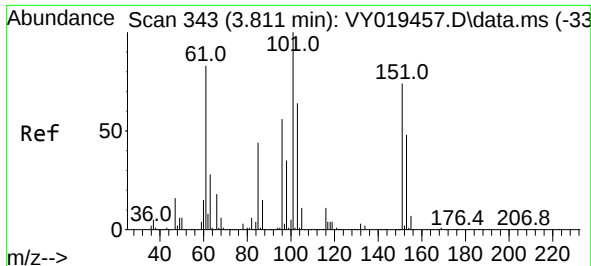
Tgt Ion:101 Resp: 180753
 Ion Ratio Lower Upper
 101 100
 103 63.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.488 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019478.D
 Acq: 10 Sep 2024 10:14

Tgt Ion: 74 Resp: 57015
 Ion Ratio Lower Upper
 74 100
 45 92.8 41.3 124.1

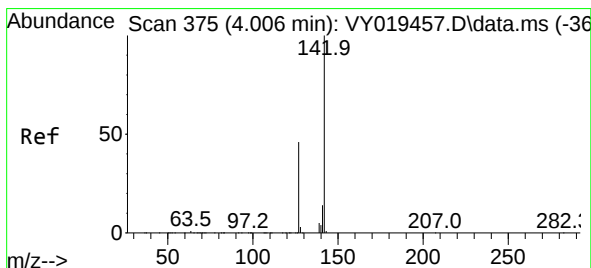
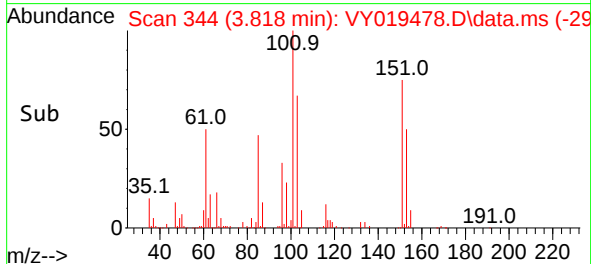
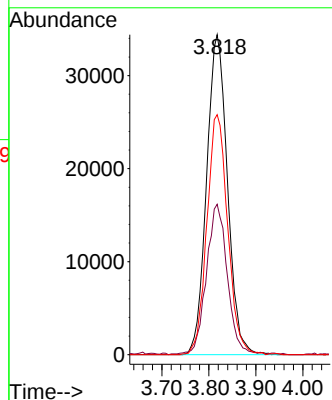
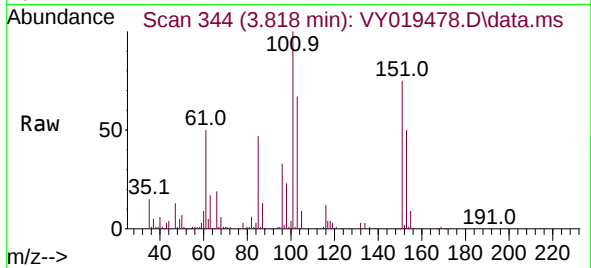




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.636 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
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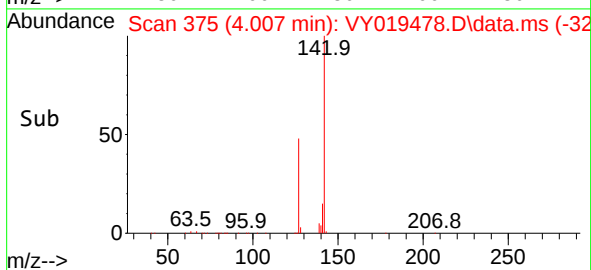
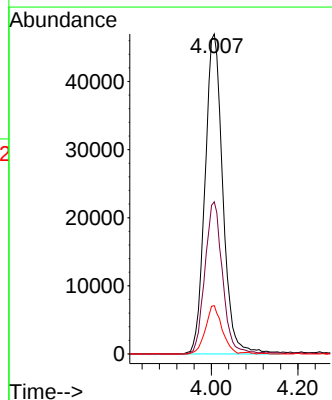
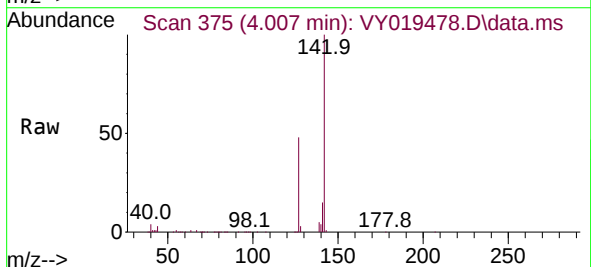
Instrument :
MSVOA_Y
ClientSampleId :

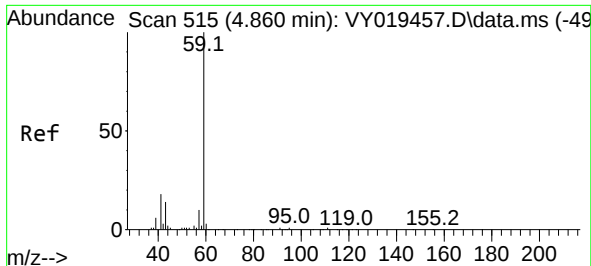
Tgt Ion:101 Resp: 105831
Ion Ratio Lower Upper
101 100
85 47.4 34.5 51.7
151 75.0 61.7 92.5



#10
Methyl Iodide
Concen: 20.431 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

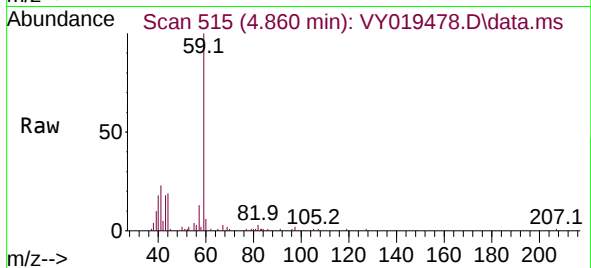
Tgt Ion:142 Resp: 134337
Ion Ratio Lower Upper
142 100
127 46.8 32.8 49.2
141 14.1 11.4 17.2



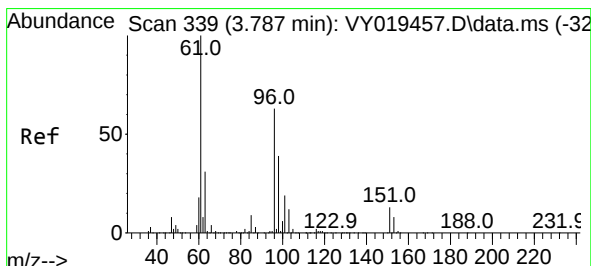
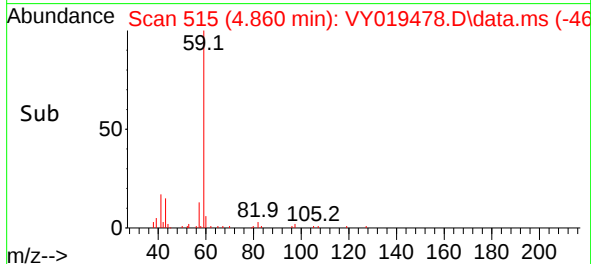
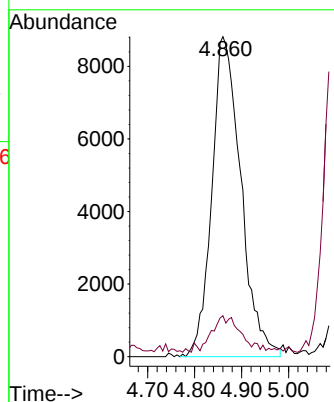


#11
Tert butyl alcohol
Concen: 90.871 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Instrument :
MSVOA_Y
ClientSampleId :

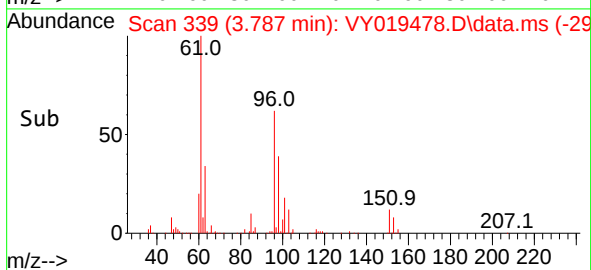
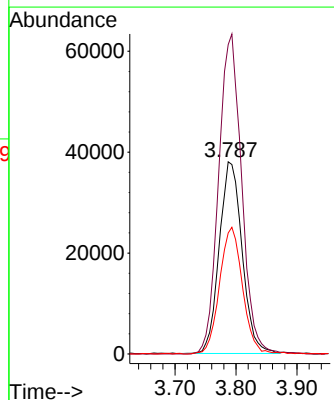
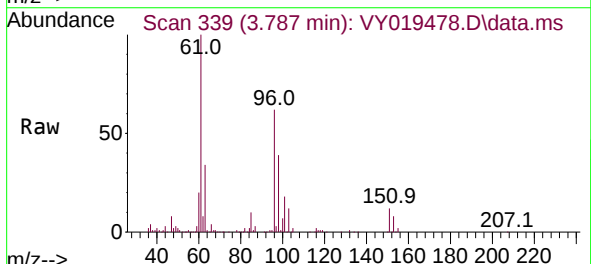


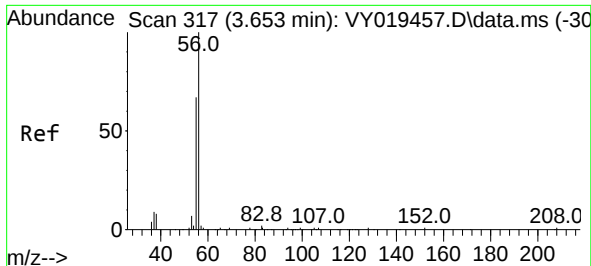
Tgt Ion: 59 Resp: 37776
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.083 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Tgt Ion: 96 Resp: 99053
Ion Ratio Lower Upper
96 100
61 161.4 114.6 171.8
98 62.8 50.8 76.2





#13

Acrolein

Concen: 143.664 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

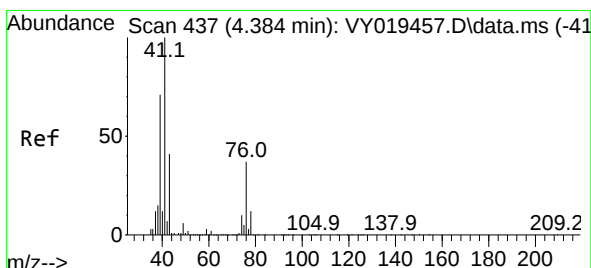
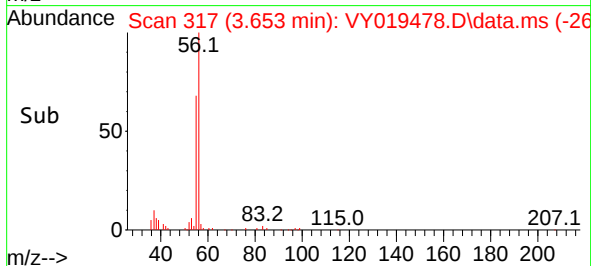
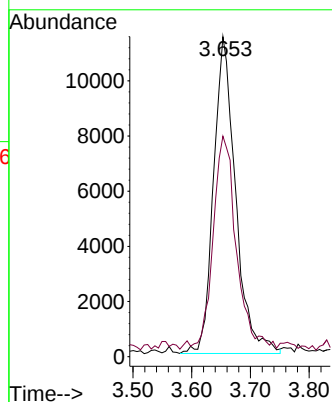
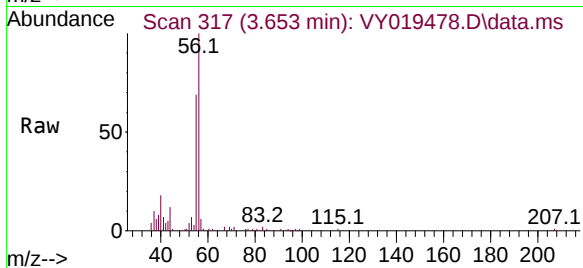
ClientSampleId :

Tgt Ion: 56 Resp: 29971

Ion Ratio Lower Upper

56 100

55 69.7 55.7 83.5



#14

Allyl chloride

Concen: 20.282 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

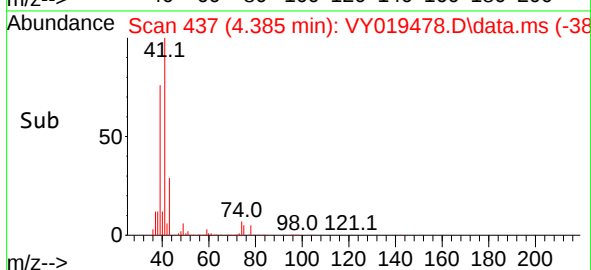
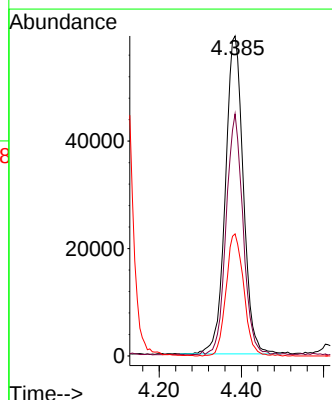
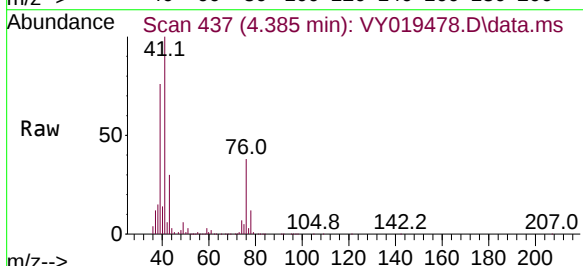
Tgt Ion: 41 Resp: 179394

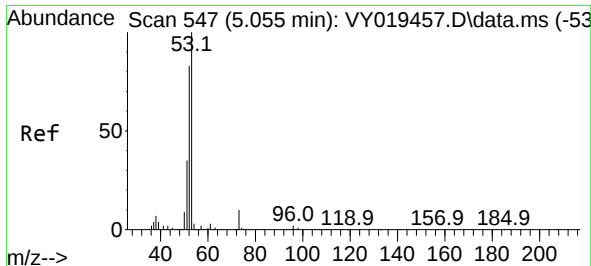
Ion Ratio Lower Upper

41 100

39 71.0 58.3 87.5

76 37.9 39.0 58.6#

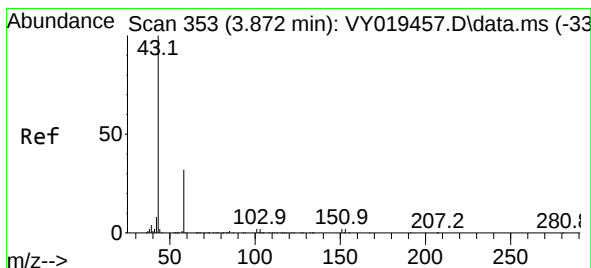
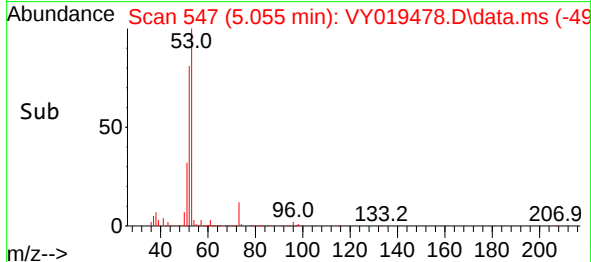
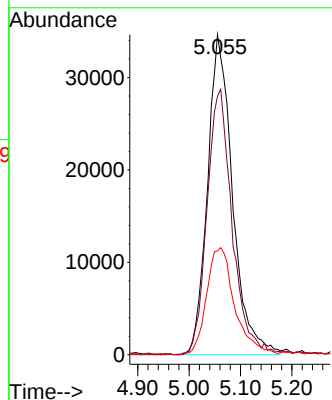
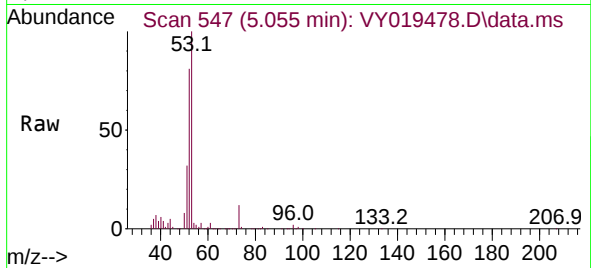




#15
Acrylonitrile
Concen: 97.643 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

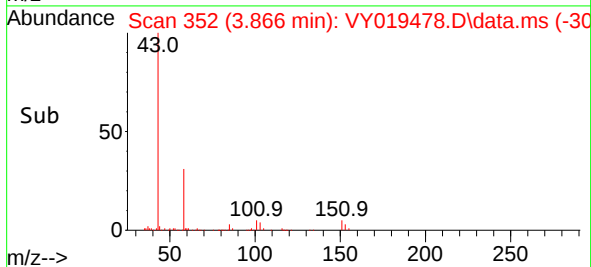
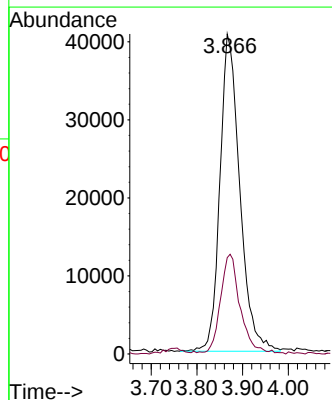
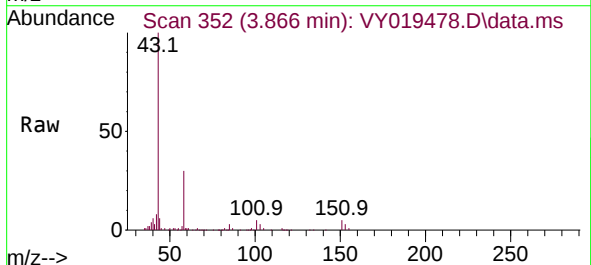
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 53 Resp: 117164
Ion Ratio Lower Upper
53 100
52 83.4 64.7 97.1
51 37.5 28.4 42.6



#16
Acetone
Concen: 100.206 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Tgt Ion: 43 Resp: 122886
Ion Ratio Lower Upper
43 100
58 29.9 31.7 47.5#

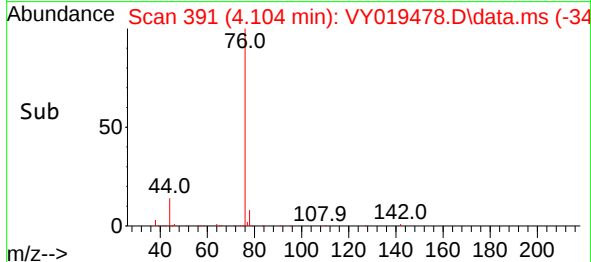
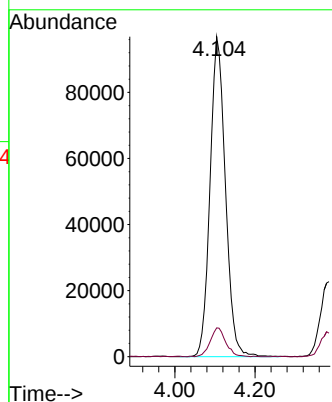
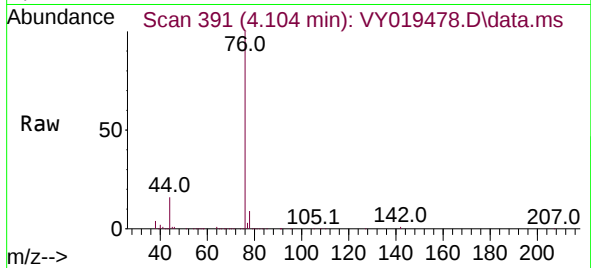




#17
Carbon Disulfide
Concen: 19.331 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

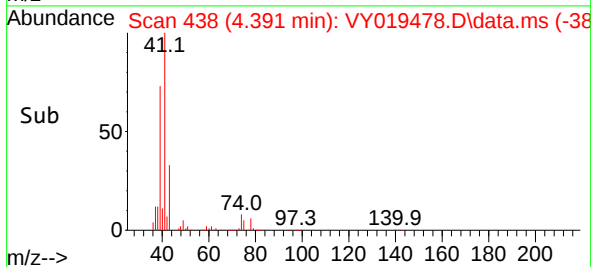
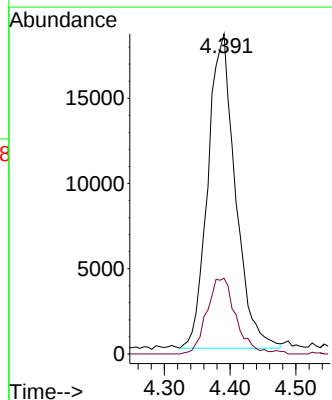
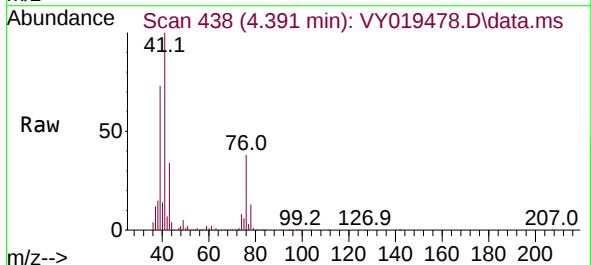
Instrument :
MSVOA_Y
ClientSampleId :

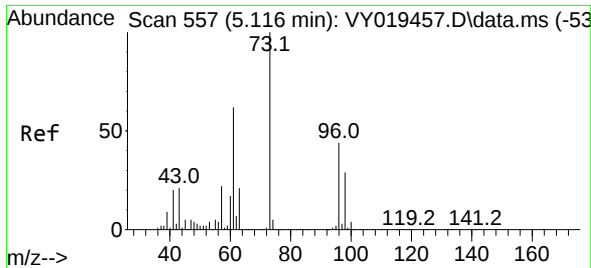
Tgt Ion: 76 Resp: 257606
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 16.141 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Tgt Ion: 43 Resp: 53719
Ion Ratio Lower Upper
43 100
74 25.3 23.3 34.9

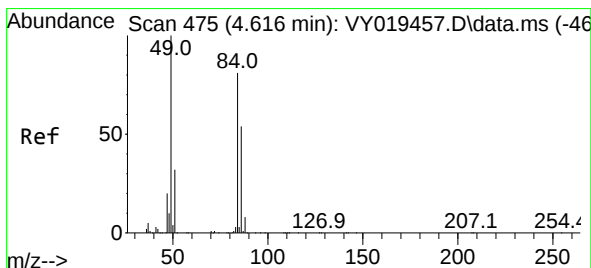
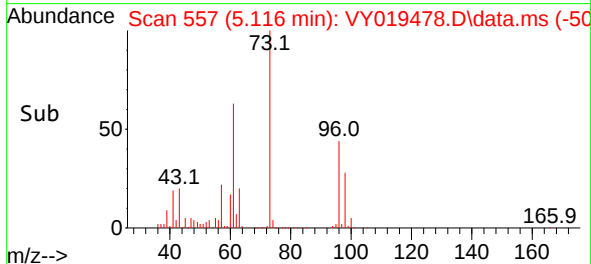
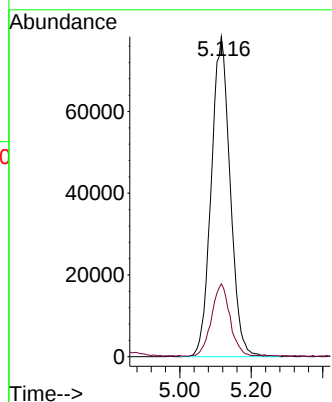
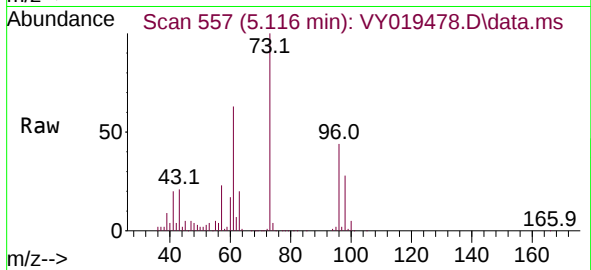




#19
Methyl tert-butyl Ether
Concen: 20.586 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

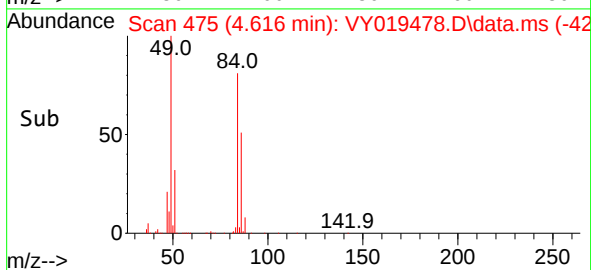
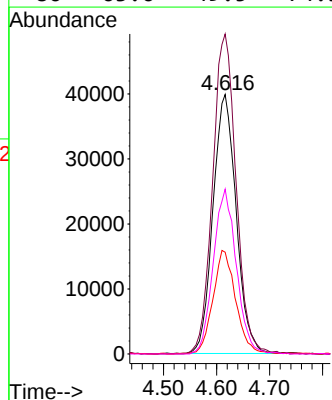
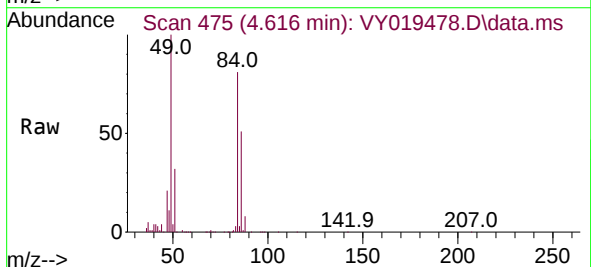
Instrument :
MSVOA_Y
ClientSampleId :

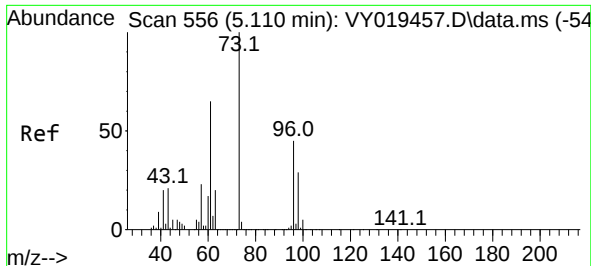
Tgt Ion: 73 Resp: 287563
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



#20
Methylene Chloride
Concen: 21.680 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

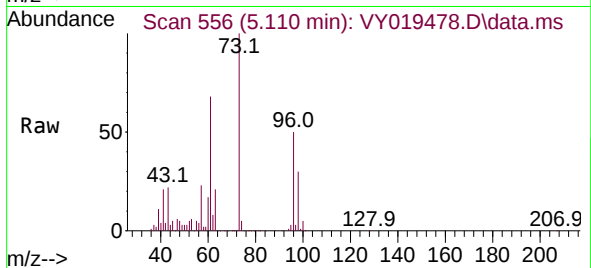
Tgt Ion: 84 Resp: 121250
Ion Ratio Lower Upper
84 100
49 123.6 84.4 126.6
51 39.1 26.0 39.0#
86 63.6 49.5 74.3



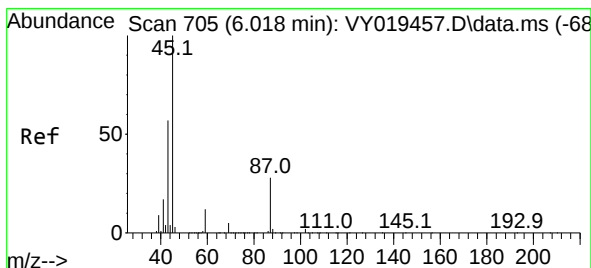
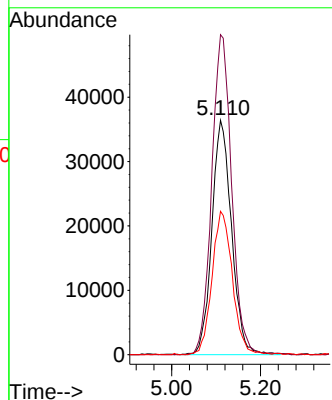
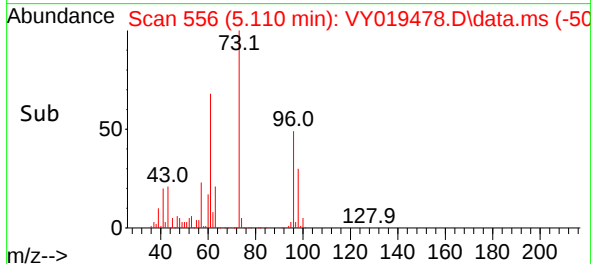


#21
trans-1,2-Dichloroethene
Concen: 20.730 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Instrument :
MSVOA_Y
ClientSampleId :

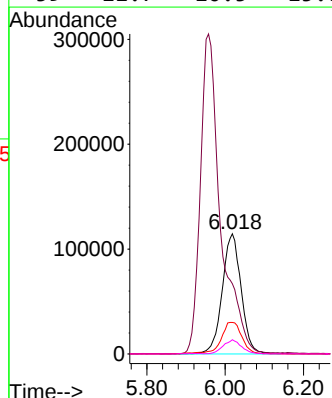
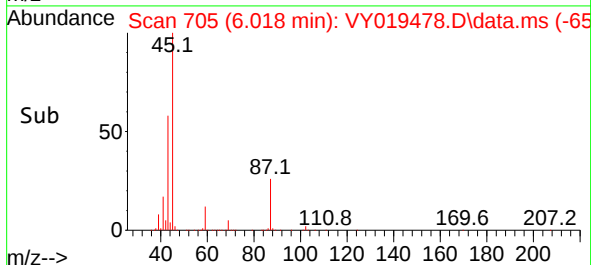
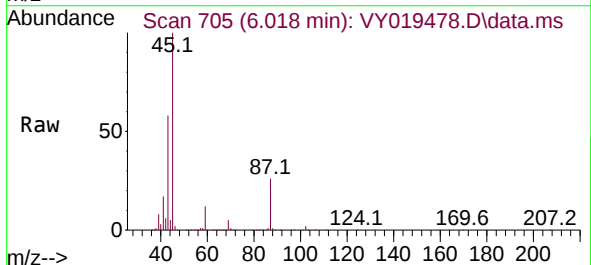


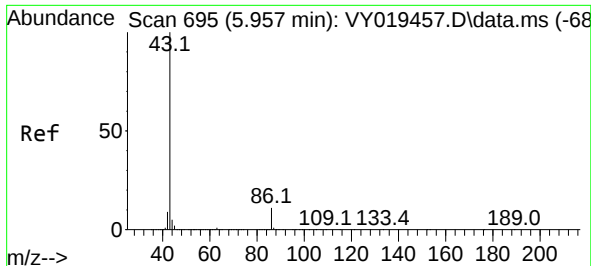
Tgt Ion: 96 Resp: 112066
Ion Ratio Lower Upper
96 100
61 136.5 97.5 146.3
98 61.2 50.5 75.7



#22
Diisopropyl ether
Concen: 21.192 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

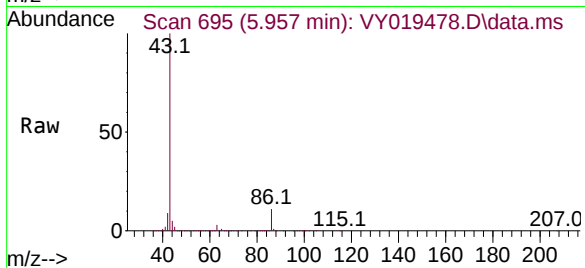
Tgt Ion: 45 Resp: 384901
Ion Ratio Lower Upper
45 100
43 58.2 42.2 63.2
87 26.1 25.0 37.6
59 11.7 10.5 15.7





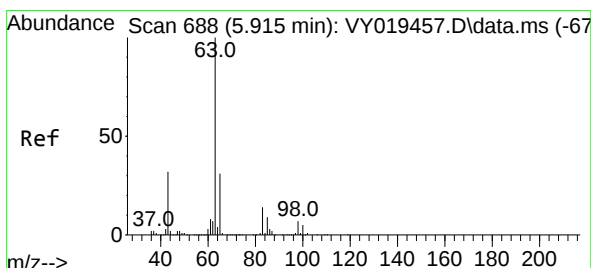
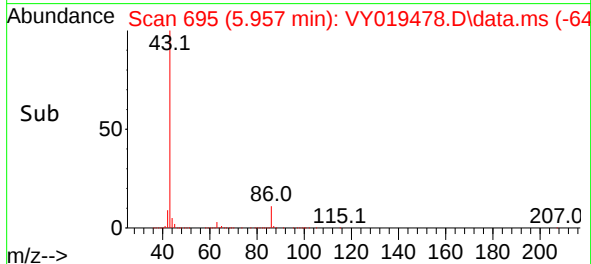
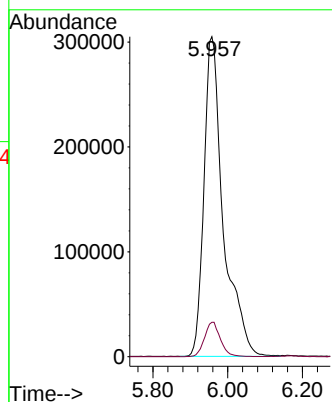
#23
 Vinyl Acetate
 Concen: 105.787 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019478.D
 Acq: 10 Sep 2024 10:14

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 43 Resp: 1097489

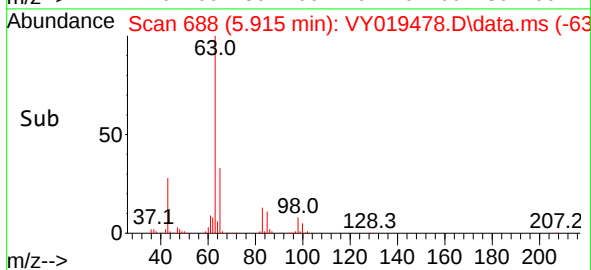
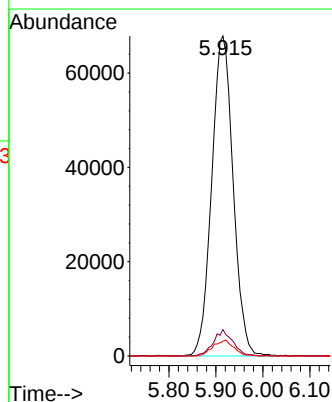
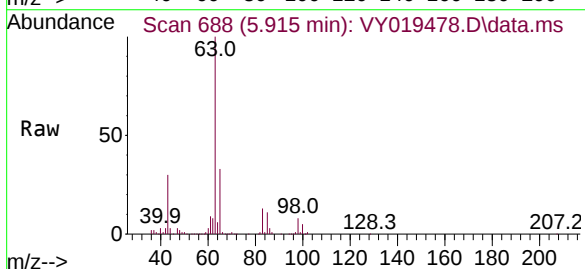
Ion	Ratio	Lower	Upper
43	100		
86	10.8	10.6	16.0



#24
 1,1-Dichloroethane
 Concen: 21.092 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019478.D
 Acq: 10 Sep 2024 10:14

Tgt Ion: 63 Resp: 214971

Ion	Ratio	Lower	Upper
63	100		
98	8.2	4.0	12.2
100	4.6	2.6	8.0





#25

2-Butanone

Concen: 98.103 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

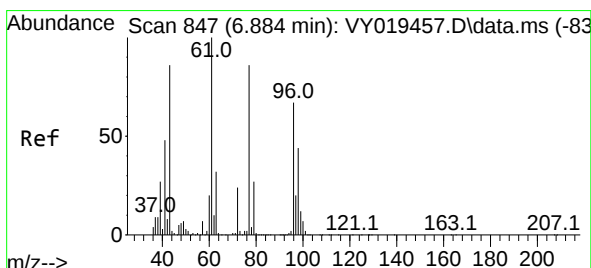
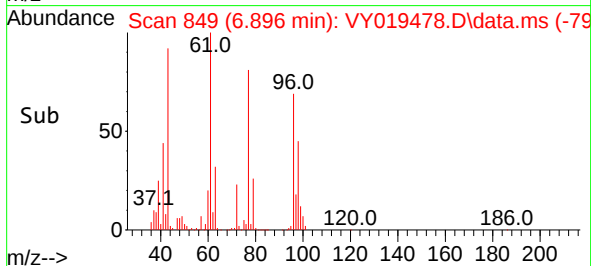
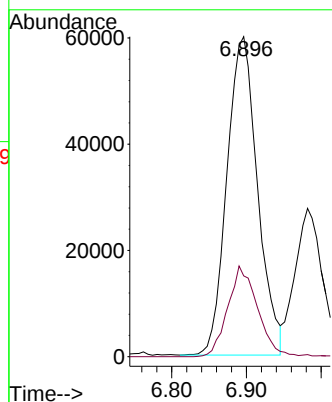
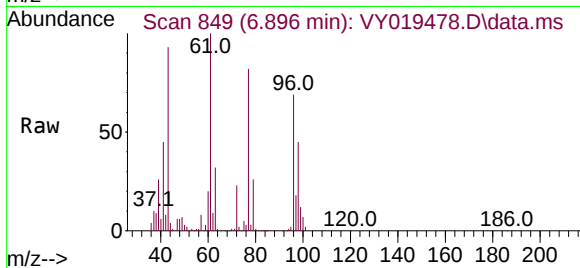
ClientSampleId :

Tgt Ion: 43 Resp: 171108

Ion Ratio Lower Upper

43 100

72 25.4 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 21.759 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY019478.D

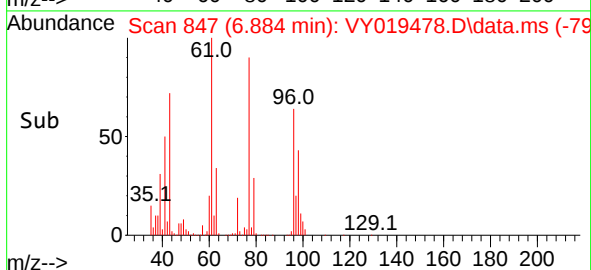
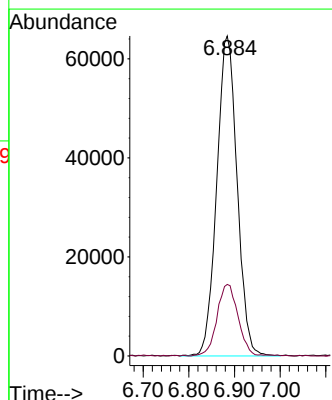
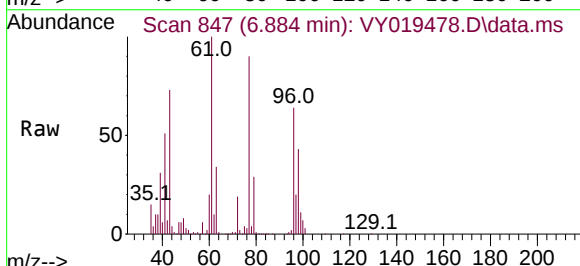
Acq: 10 Sep 2024 10:14

Tgt Ion: 77 Resp: 200039

Ion Ratio Lower Upper

77 100

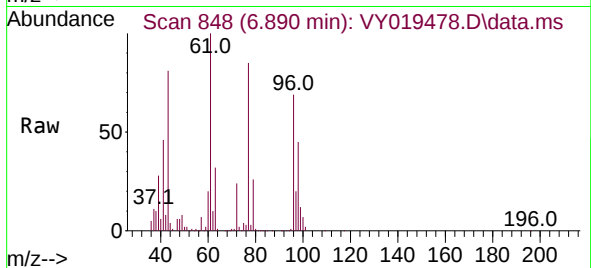
97 23.3 12.0 36.1



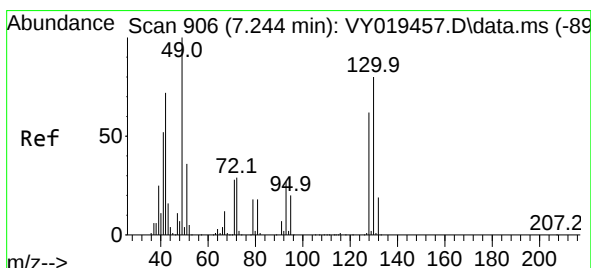
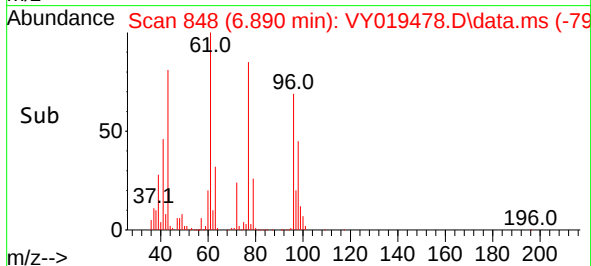
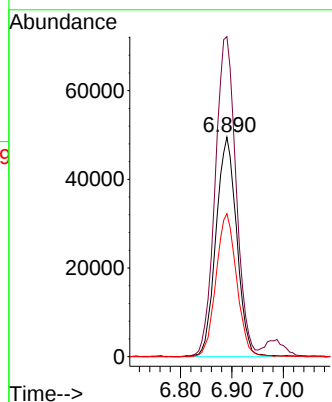


#27
 cis-1,2-Dichloroethene
 Concen: 21.138 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019478.D
 Acq: 10 Sep 2024 10:14

Instrument :
 MSVOA_Y
 ClientSampleId :

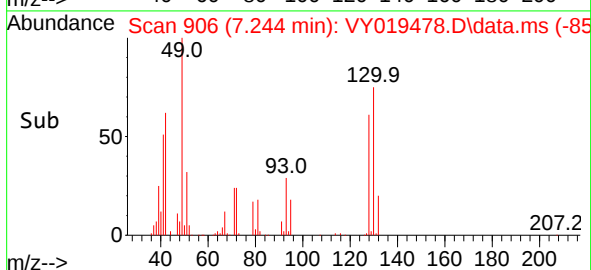
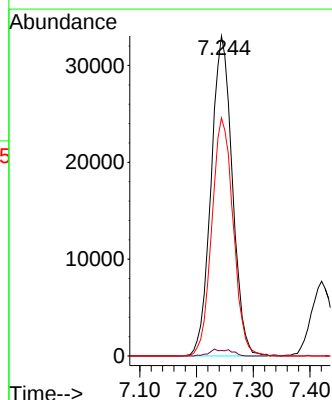
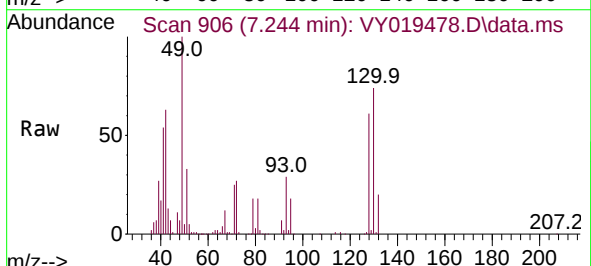


Tgt Ion: 96 Resp: 138813
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 256.2
 98 64.8 0.0 130.0



#28
 Bromochloromethane
 Concen: 20.087 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019478.D
 Acq: 10 Sep 2024 10:14

Tgt Ion: 49 Resp: 86141
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 74.7 72.7 109.1

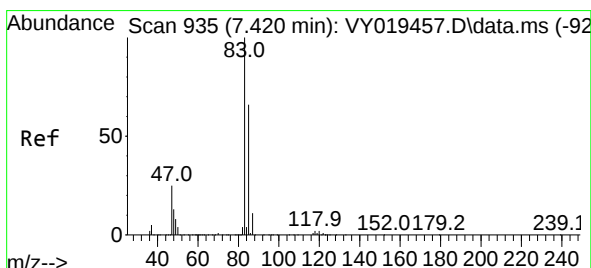
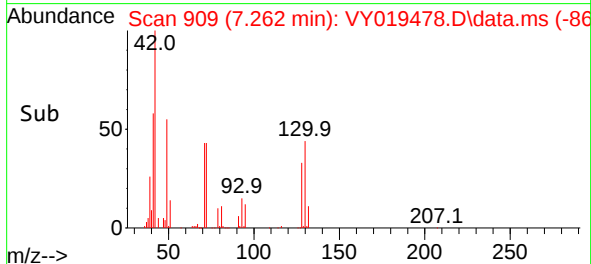
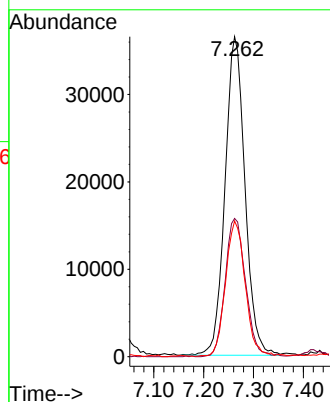
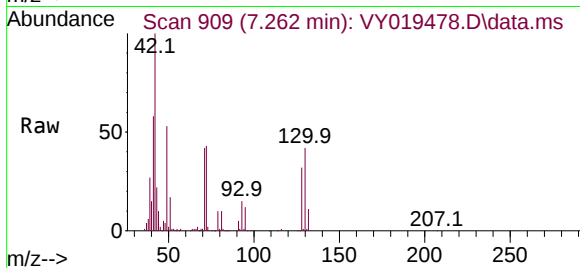




#29
Tetrahydrofuran
Concen: 95.610 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

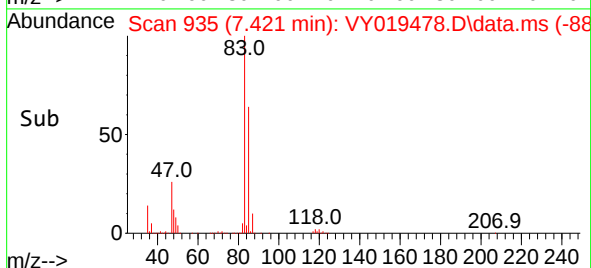
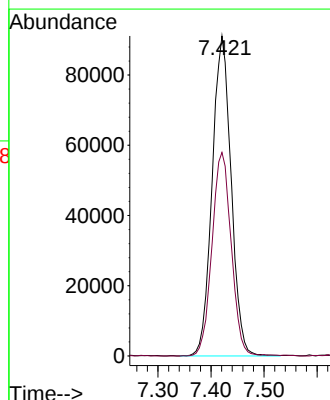
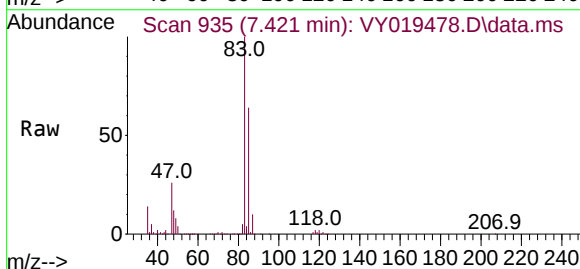
Instrument :
MSVOA_Y
ClientSampleId :

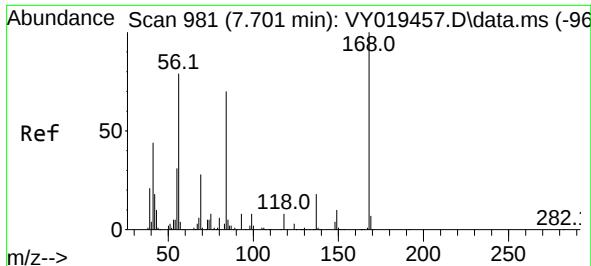
Tgt Ion: 42 Resp: 101392
Ion Ratio Lower Upper
42 100
72 44.2 43.0 64.4
71 41.7 40.8 61.2



#30
Chloroform
Concen: 21.783 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

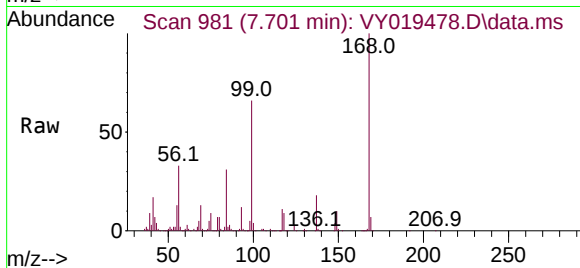
Tgt Ion: 83 Resp: 226637
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4



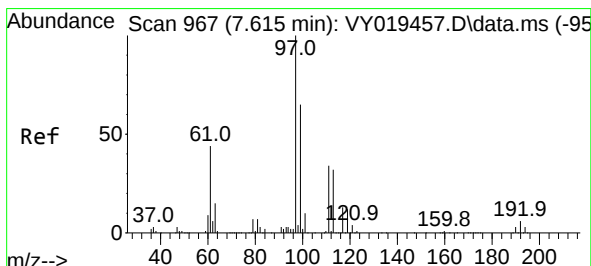
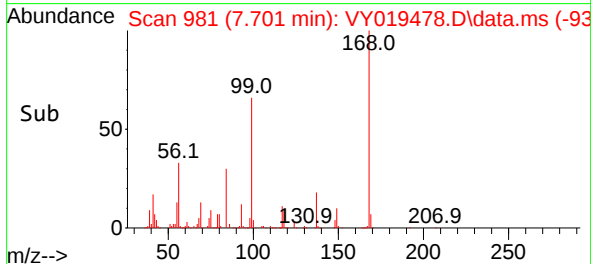
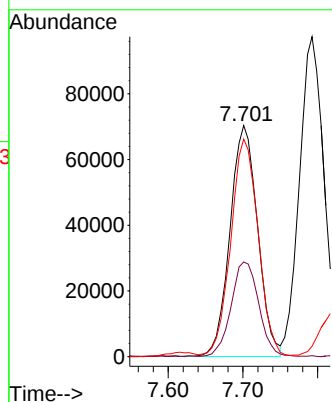


#31
Cyclohexane
Concen: 19.613 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Instrument :
MSVOA_Y
ClientSampleId :

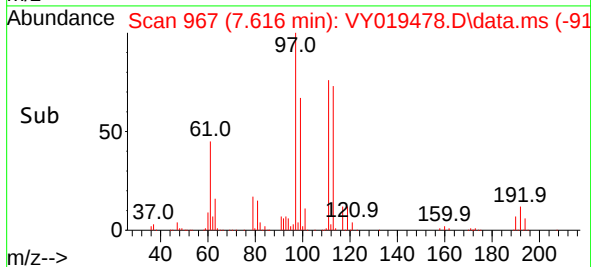
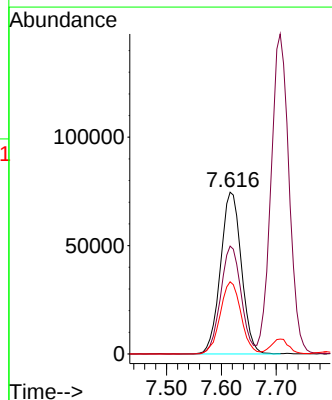
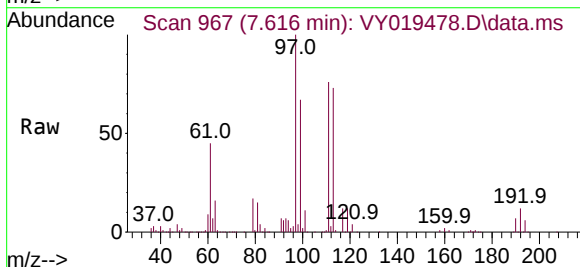


Tgt Ion: 56 Resp: 180689
Ion Ratio Lower Upper
56 100
69 40.8 28.7 43.1
84 92.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.201 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Tgt Ion: 97 Resp: 197715
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 44.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 49.214 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

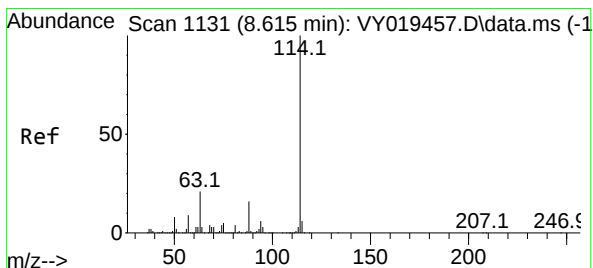
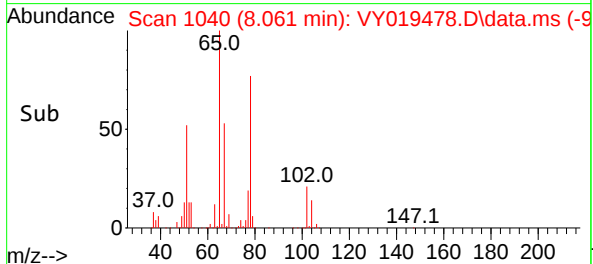
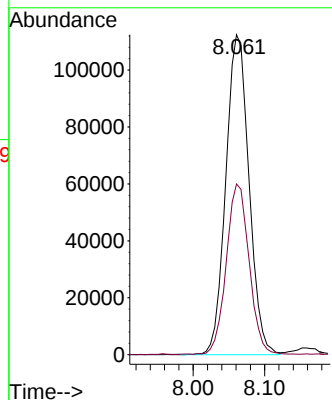
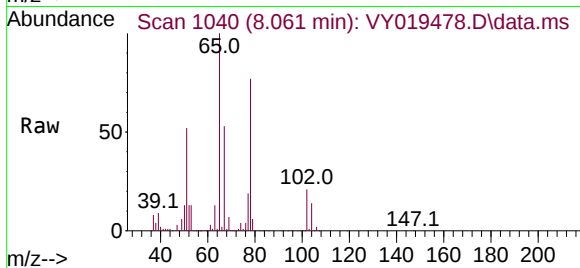
ClientSampleId :

Tgt Ion: 65 Resp: 253336

Ion Ratio Lower Upper

65 100

67 52.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

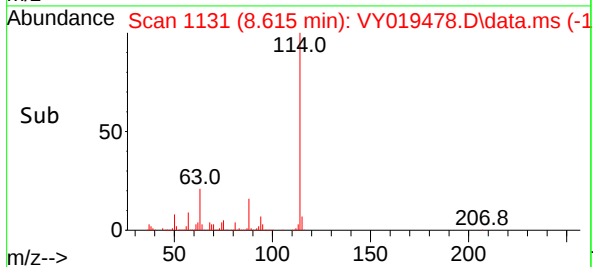
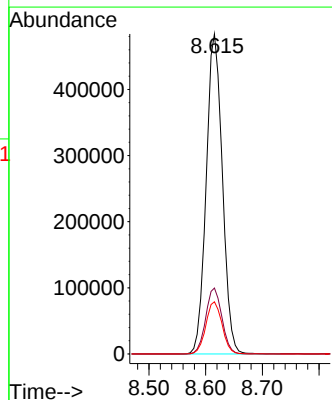
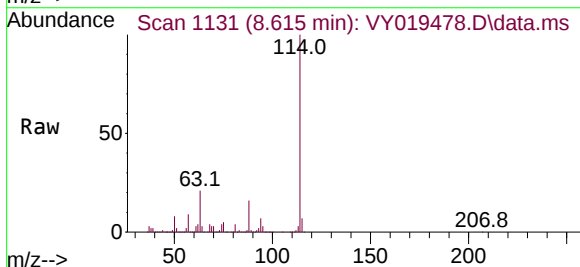
Tgt Ion: 114 Resp: 956822

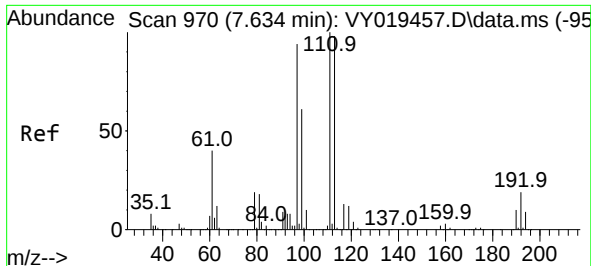
Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.0

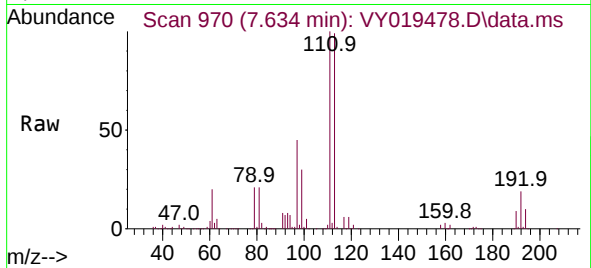
88 16.3 0.0 27.2



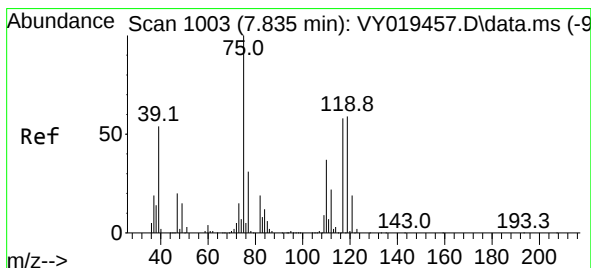
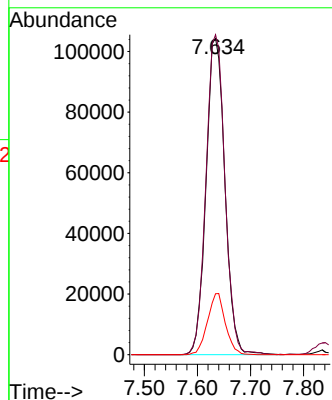
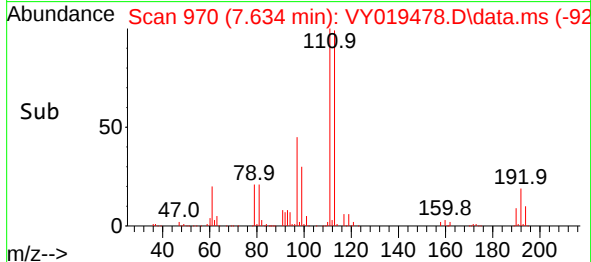


#35
 Dibromofluoromethane
 Concen: 47.521 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY019478.D
 Acq: 10 Sep 2024 10:14

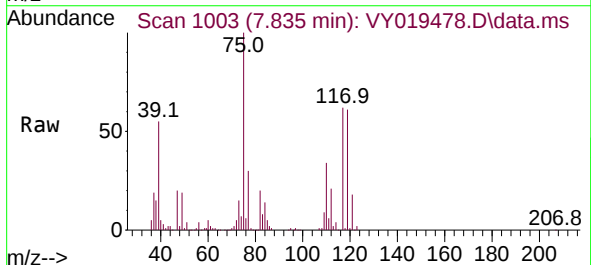
Instrument :
 MSVOA_Y
 ClientSampleId :



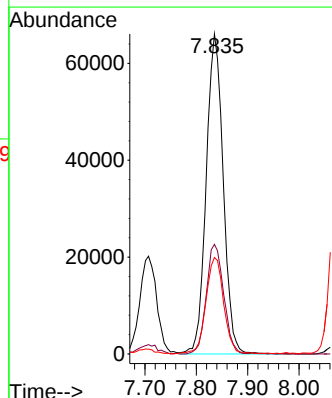
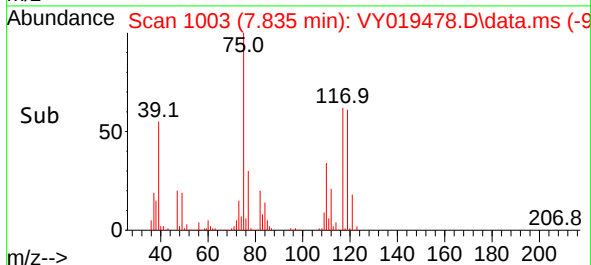
Tgt Ion:113 Resp: 257801
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.4
 192 18.3 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 20.594 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY019478.D
 Acq: 10 Sep 2024 10:14



Tgt Ion: 75 Resp: 152026
 Ion Ratio Lower Upper
 75 100
 110 34.8 19.0 57.0
 77 31.6 25.3 37.9





#37

Ethyl Acetate

Concen: 19.508 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

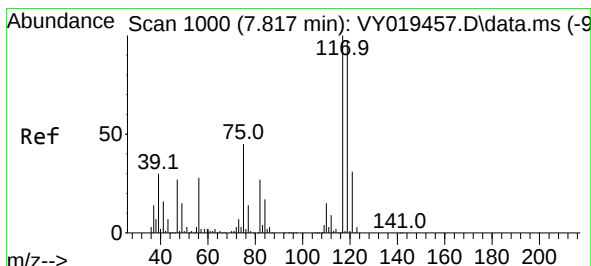
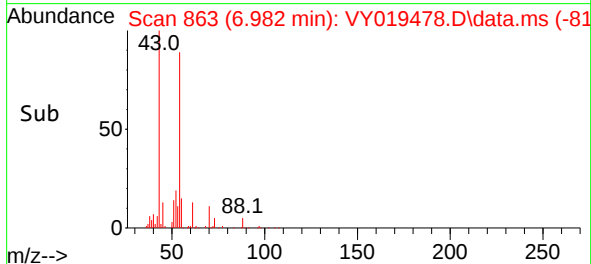
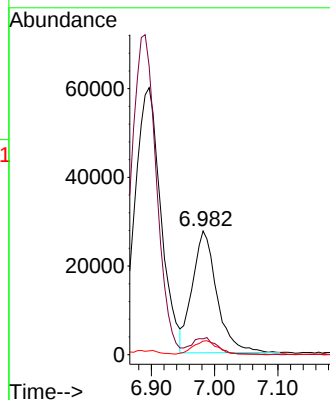
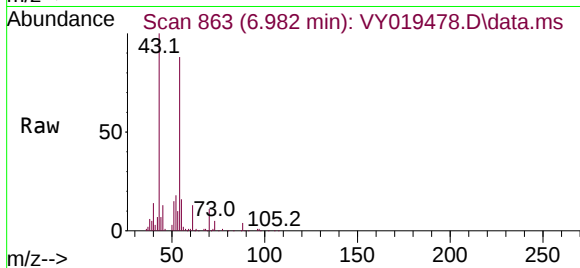
Tgt Ion: 43 Resp: 73786

Ion Ratio Lower Upper

43 100

61 14.5 12.6 19.0

70 10.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.690 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

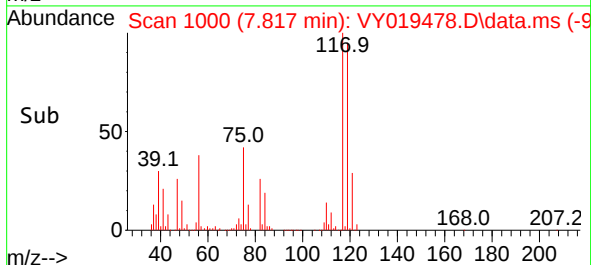
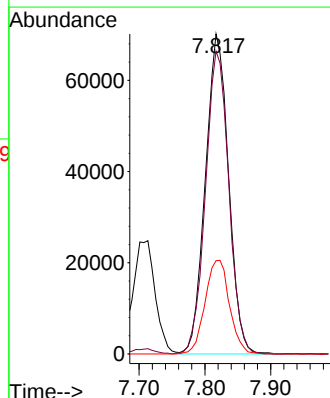
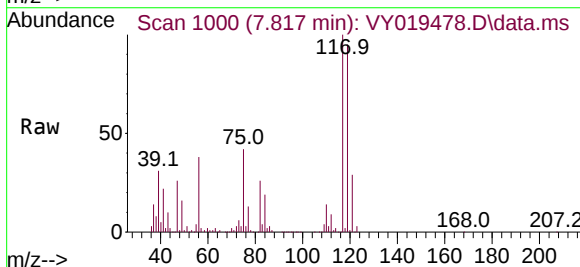
Tgt Ion: 117 Resp: 172231

Ion Ratio Lower Upper

117 100

119 94.6 75.8 113.6

121 29.2 24.0 36.0





#39

Methylcyclohexane

Concen: 19.676 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

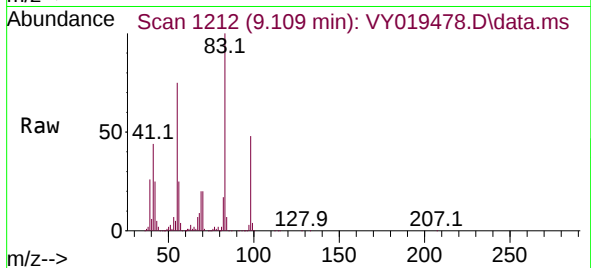
Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :



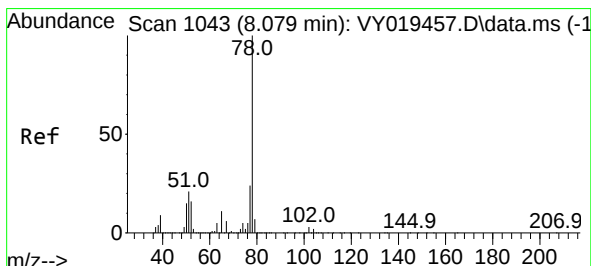
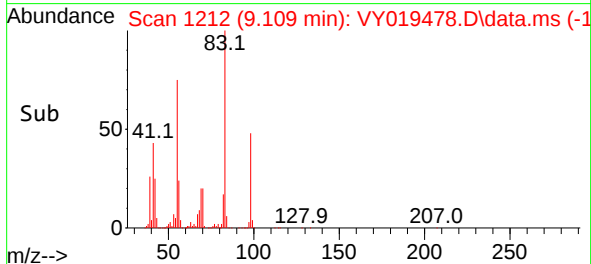
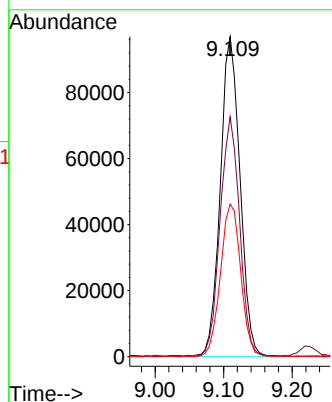
Tgt Ion: 83 Resp: 193291

Ion Ratio Lower Upper

83 100

55 74.7 51.5 77.3

98 47.7 40.5 60.7



#40

Benzene

Concen: 20.744 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019478.D

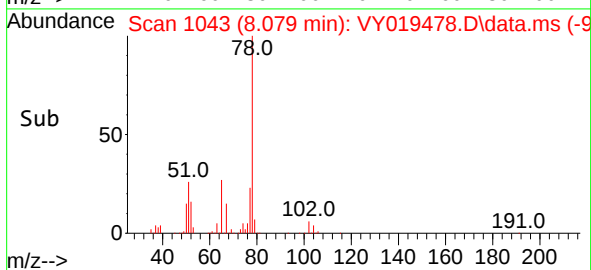
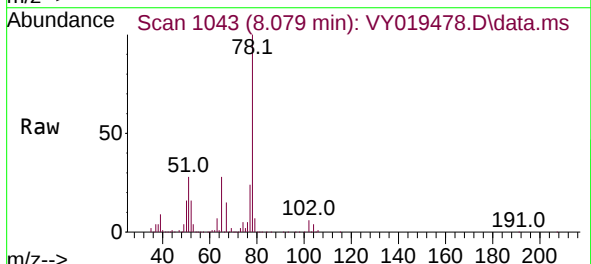
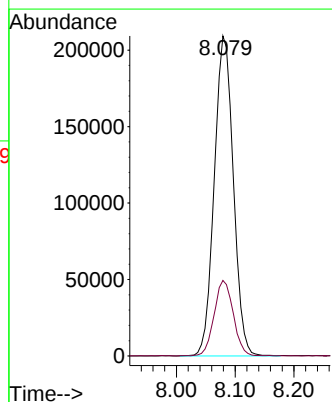
Acq: 10 Sep 2024 10:14

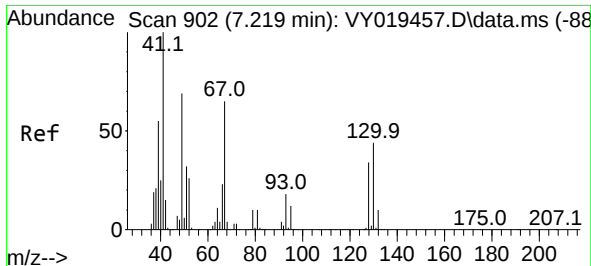
Tgt Ion: 78 Resp: 471638

Ion Ratio Lower Upper

78 100

77 23.5 19.5 29.3

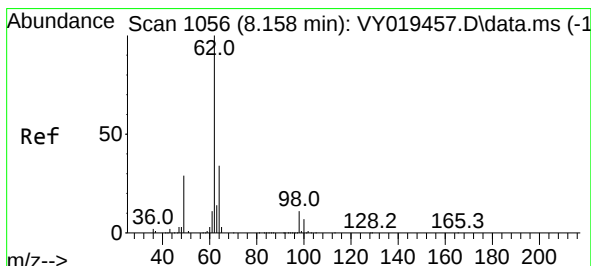
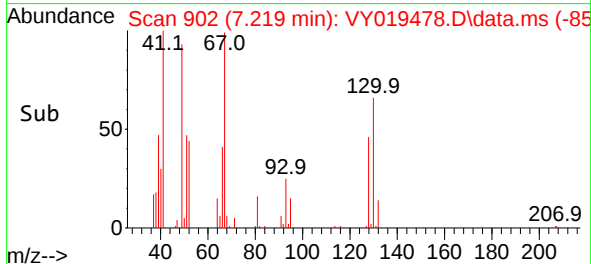
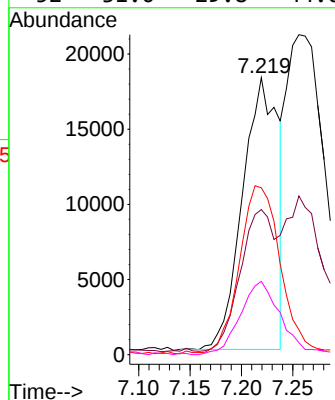
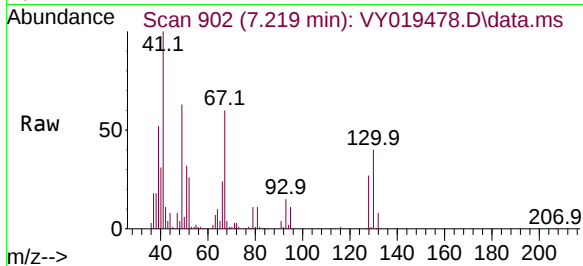




#41
Methacrylonitrile
Concen: 19.781 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

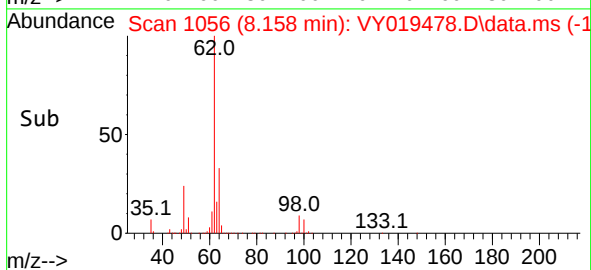
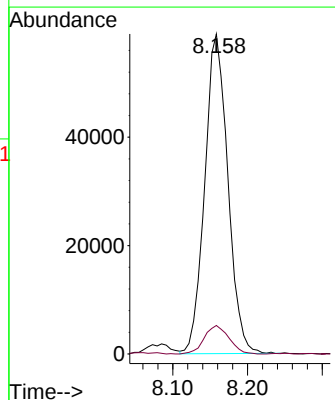
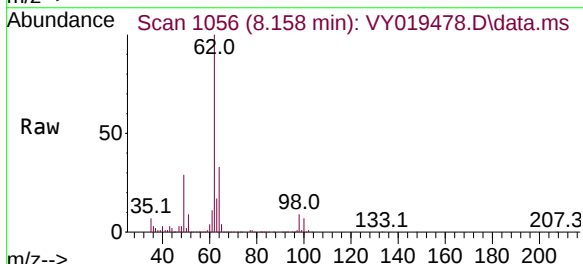
Instrument :
MSVOA_Y
ClientSampleId :

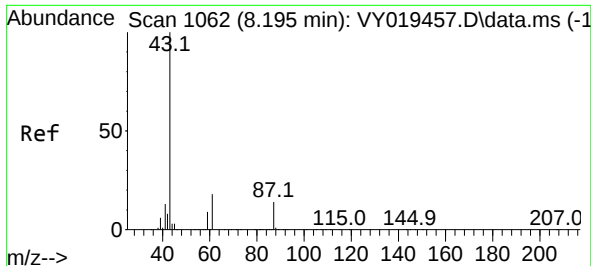
Tgt Ion: 41 Resp: 43613
Ion Ratio Lower Upper
41 100
39 48.1 48.0 72.0
67 69.7 75.1 112.7#
52 31.0 29.8 44.6



#42
1,2-Dichloroethane
Concen: 20.730 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Tgt Ion: 62 Resp: 126825
Ion Ratio Lower Upper
62 100
98 9.5 0.0 22.0

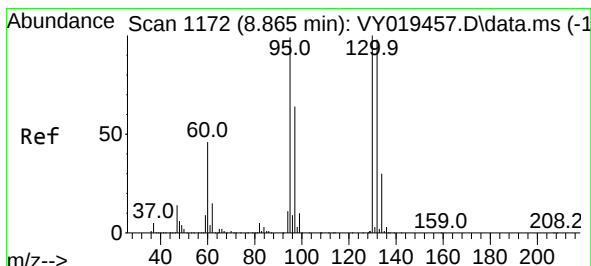
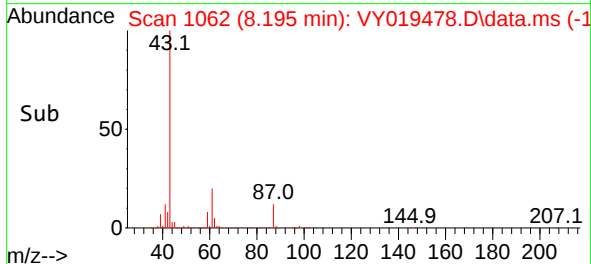
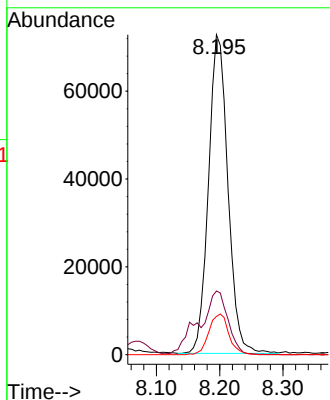
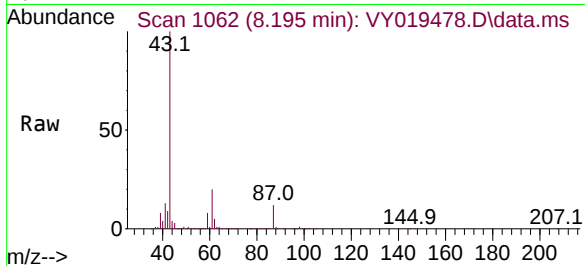




#43
Isopropyl Acetate
Concen: 19.458 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

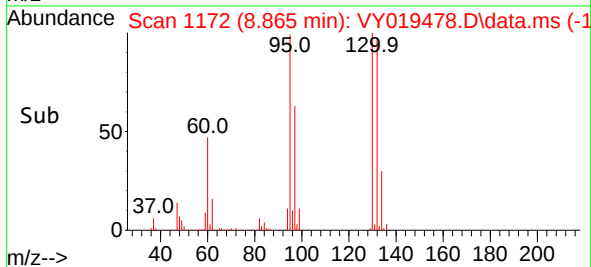
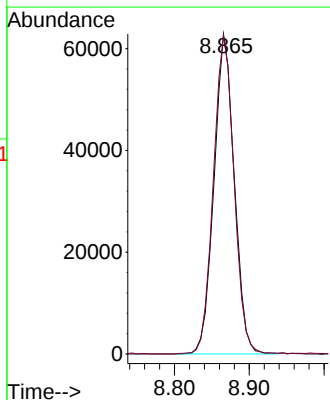
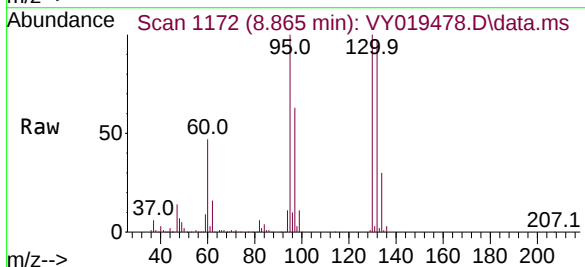
Instrument :
MSVOA_Y
ClientSampleId :

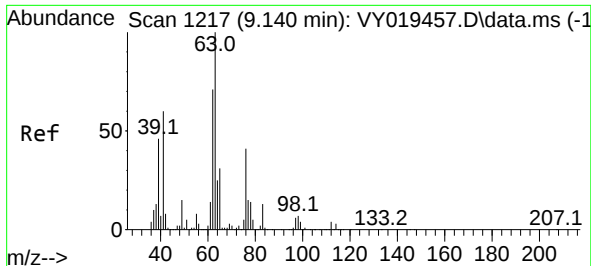
Tgt Ion: 43 Resp: 154617
Ion Ratio Lower Upper
43 100
61 21.0 27.9 41.9#
87 13.1 13.1 19.7#



#44
Trichloroethene
Concen: 20.319 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Tgt Ion:130 Resp: 118811
Ion Ratio Lower Upper
130 100
95 99.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.856 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

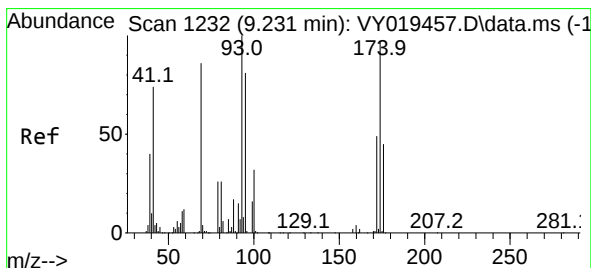
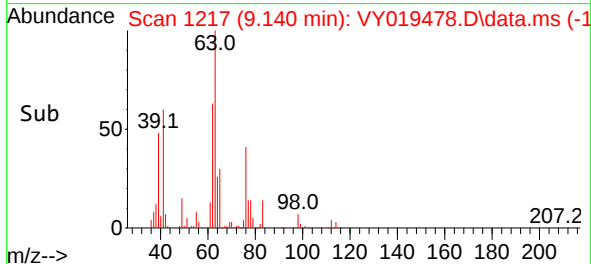
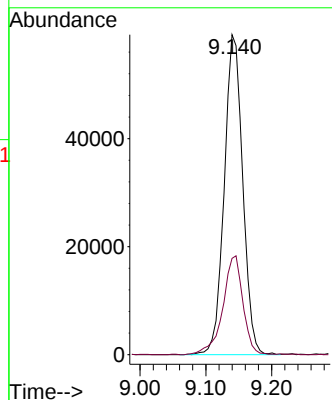
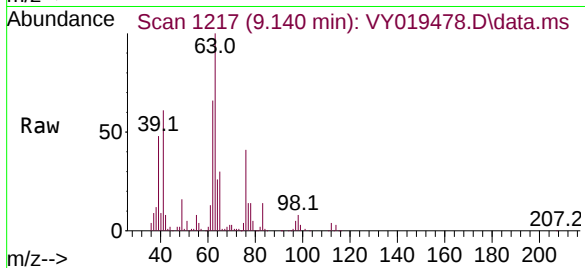
ClientSampleId :

Tgt Ion: 63 Resp: 115930

Ion Ratio Lower Upper

63 100

65 30.1 25.4 38.2



#46

Dibromomethane

Concen: 20.281 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

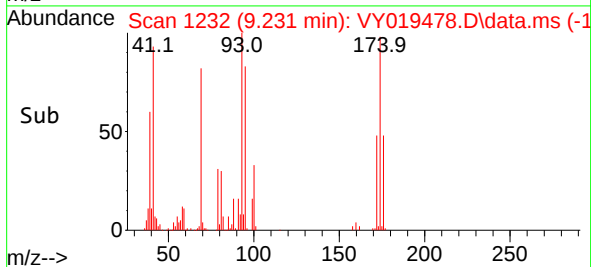
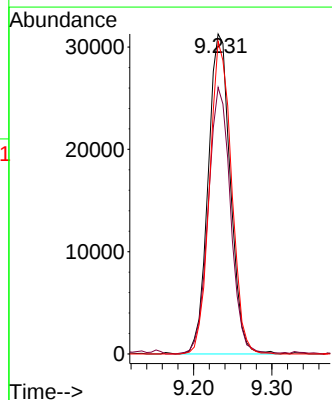
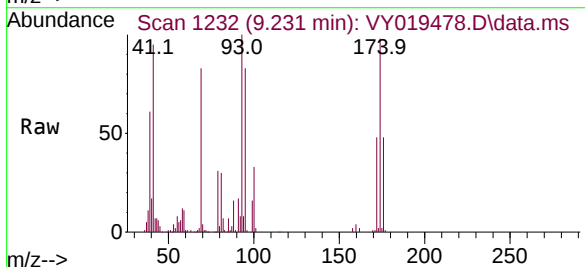
Tgt Ion: 93 Resp: 61647

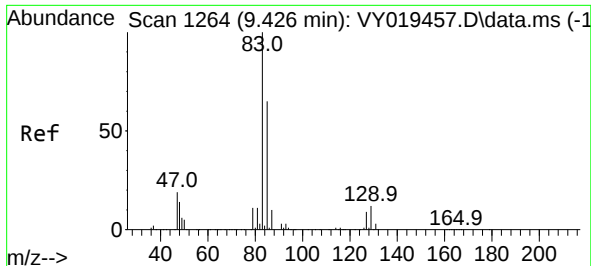
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 96.0 80.9 121.3

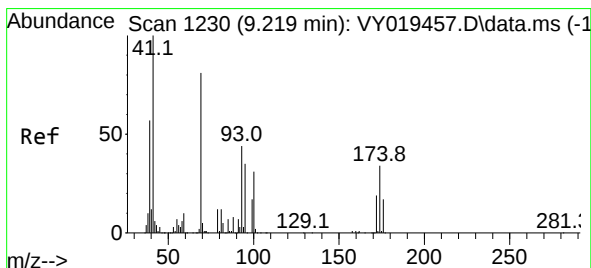
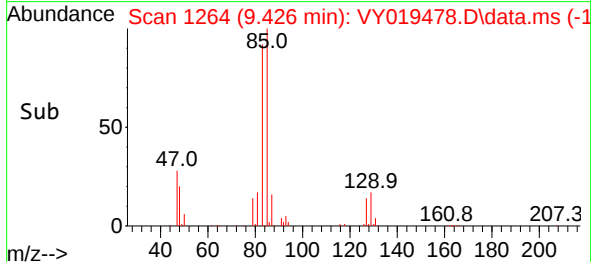
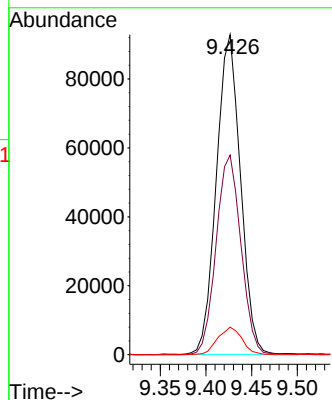
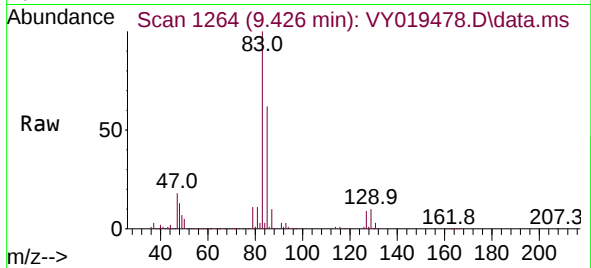




#47
Bromodichloromethane
Concen: 20.833 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

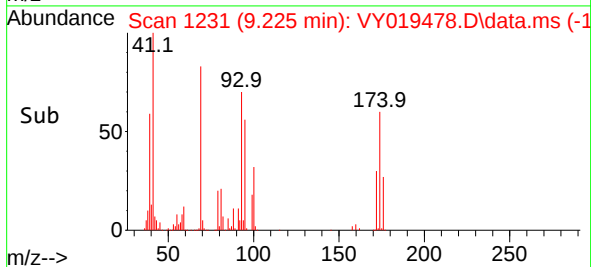
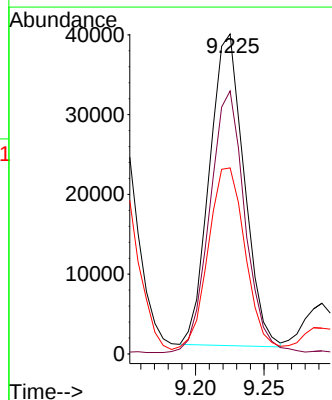
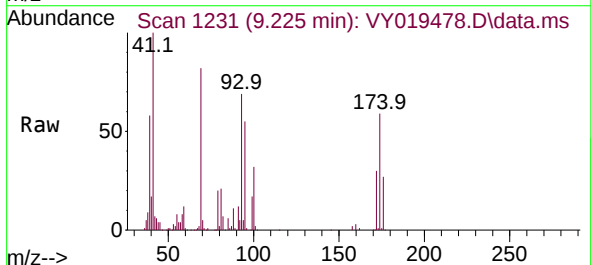
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 170226
Ion Ratio Lower Upper
83 100
85 62.5 50.1 75.1
127 8.6 7.4 11.0



#48
Methyl methacrylate
Concen: 18.262 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Tgt Ion: 41 Resp: 68526
Ion Ratio Lower Upper
41 100
69 85.3 84.1 126.1
39 62.4 43.6 65.4





#49

1,4-Dioxane

Concen: 375.171 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

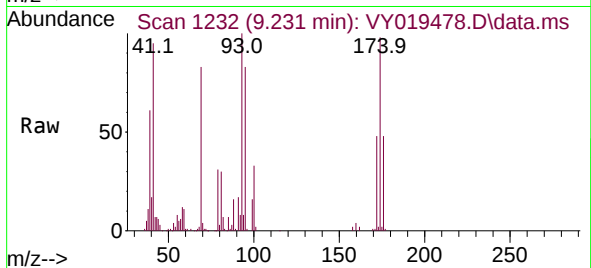
Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :



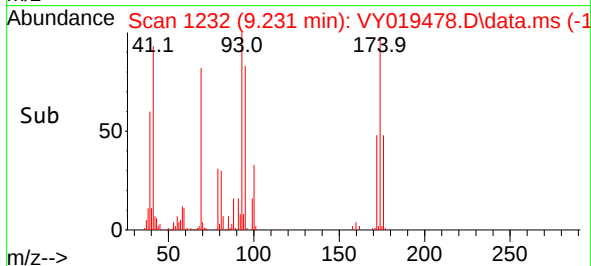
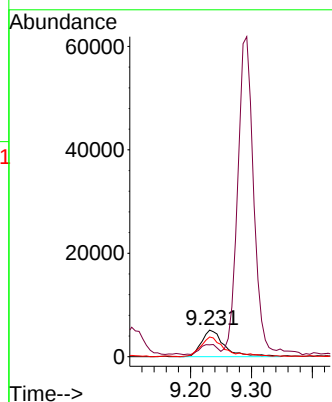
Tgt Ion: 88 Resp: 13425

Ion Ratio Lower Upper

88 100

43 31.2 0.0 0.0#

58 78.5 49.3 73.9#



#50

Toluene-d8

Concen: 48.431 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019478.D

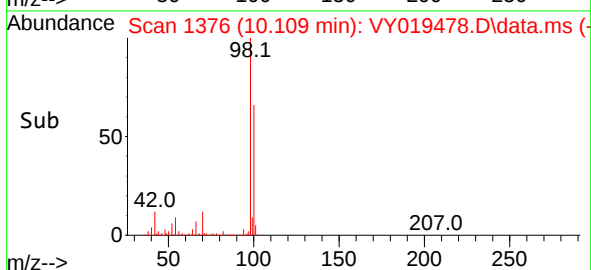
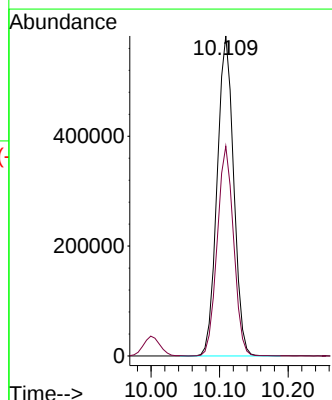
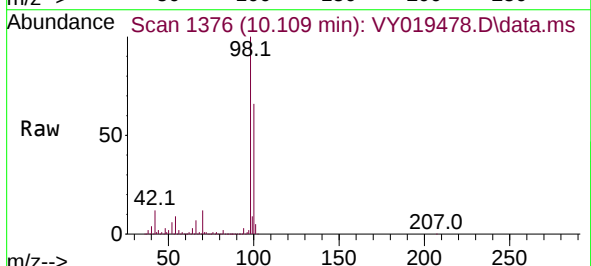
Acq: 10 Sep 2024 10:14

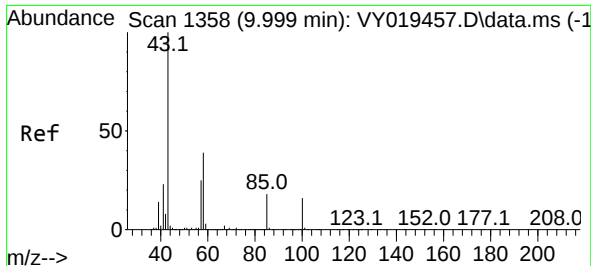
Tgt Ion: 98 Resp: 971798

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 96.188 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

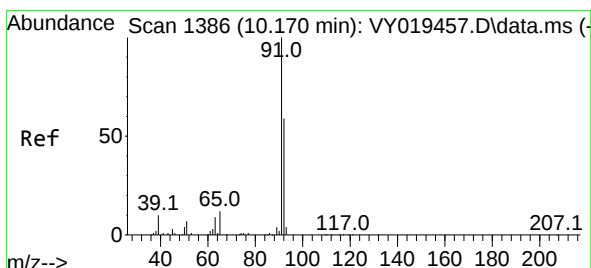
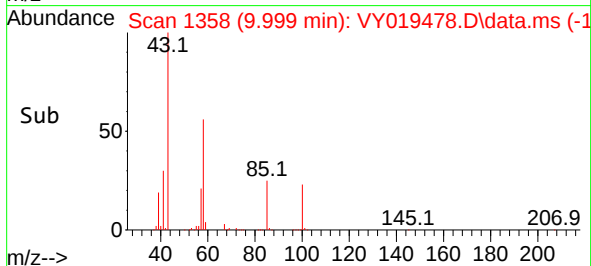
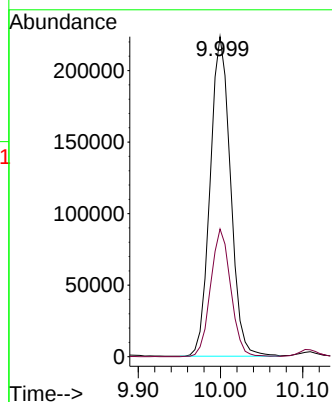
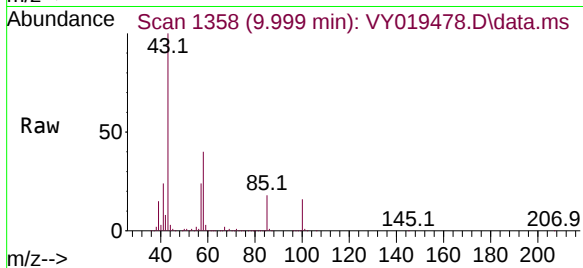
ClientSampleId :

Tgt Ion: 43 Resp: 384530

Ion Ratio Lower Upper

43 100

58 39.5 35.7 53.5



#52

Toluene

Concen: 20.800 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019478.D

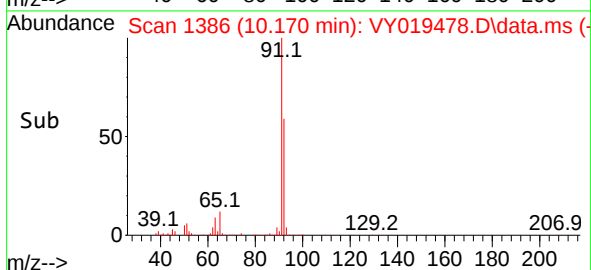
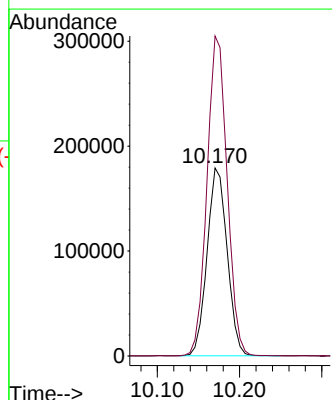
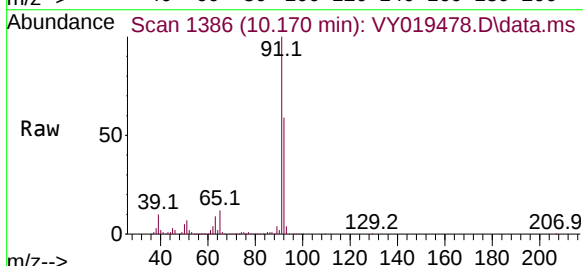
Acq: 10 Sep 2024 10:14

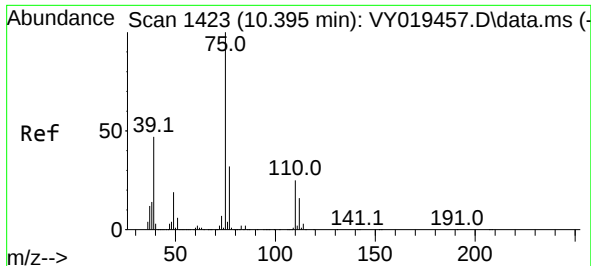
Tgt Ion: 92 Resp: 304156

Ion Ratio Lower Upper

92 100

91 170.6 139.0 208.6

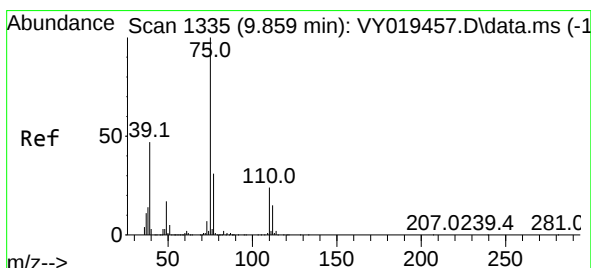
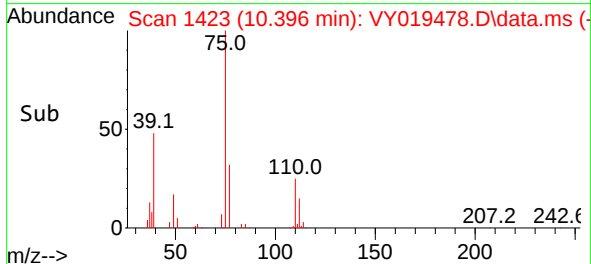
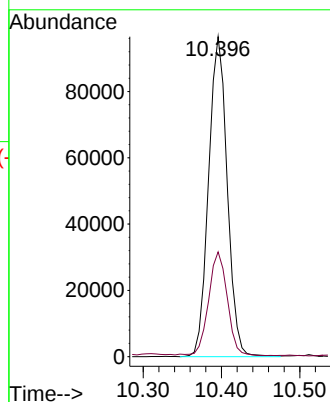
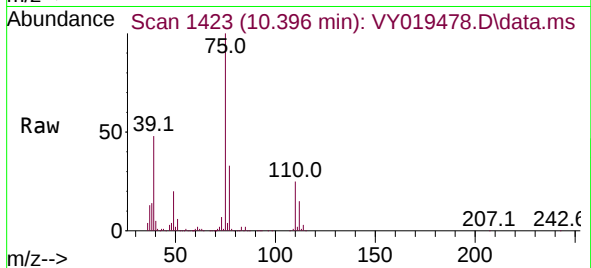




#53
t-1,3-Dichloropropene
Concen: 20.486 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

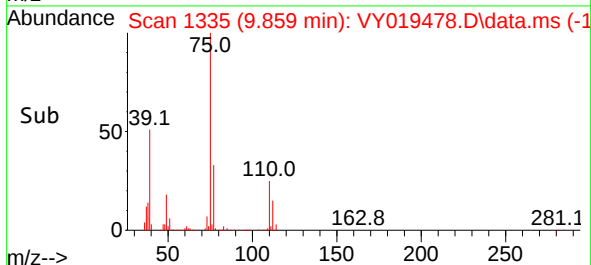
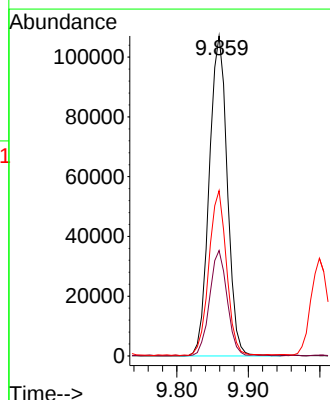
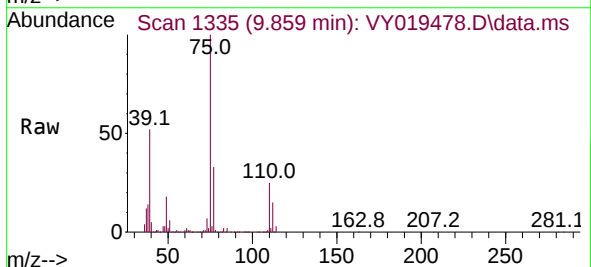
Instrument :
MSVOA_Y
ClientSampleId :

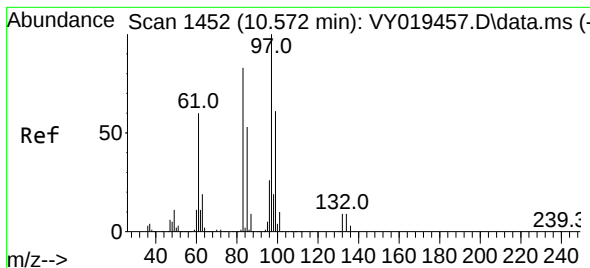
Tgt Ion: 75 Resp: 159568
Ion Ratio Lower Upper
75 100
77 32.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 20.701 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Tgt Ion: 75 Resp: 187754
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
39 51.5 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 20.480 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

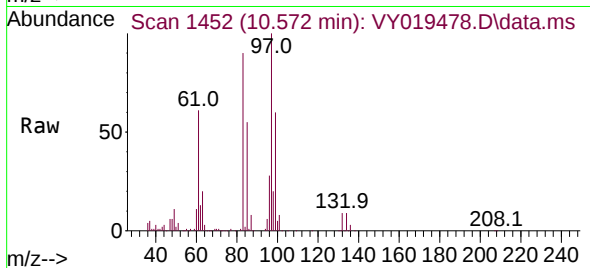
Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 85970

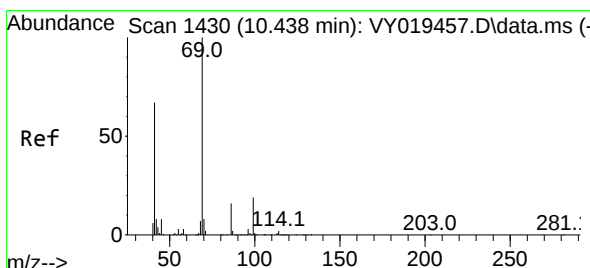
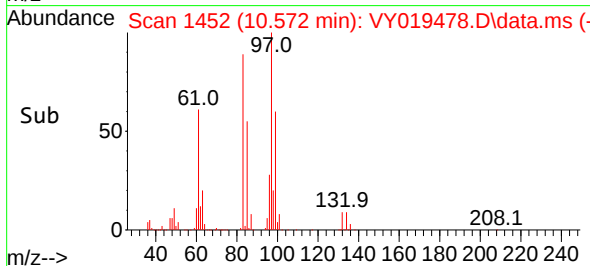
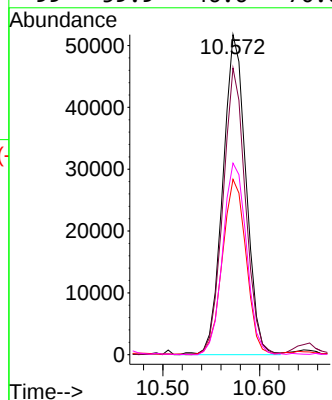
Ion Ratio Lower Upper

97 100

83 89.5 67.5 101.3

85 54.6 42.9 64.3

99 59.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.309 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

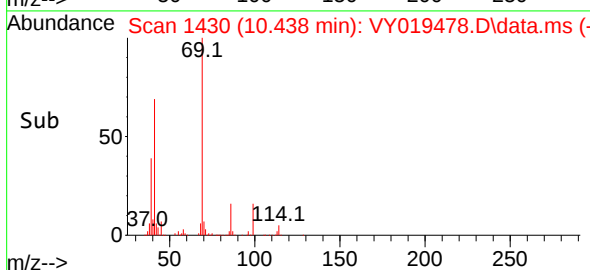
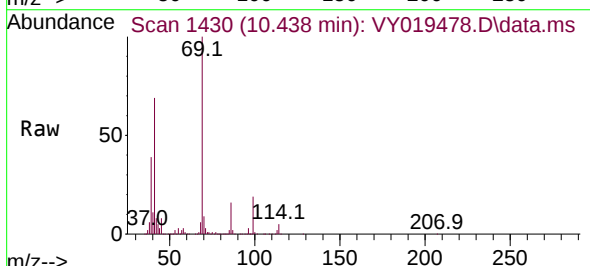
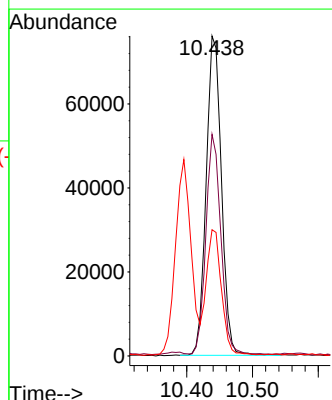
Tgt Ion: 69 Resp: 123124

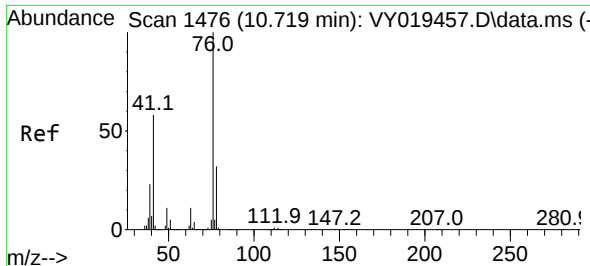
Ion Ratio Lower Upper

69 100

41 67.2 42.3 63.5#

39 38.4 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.289 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

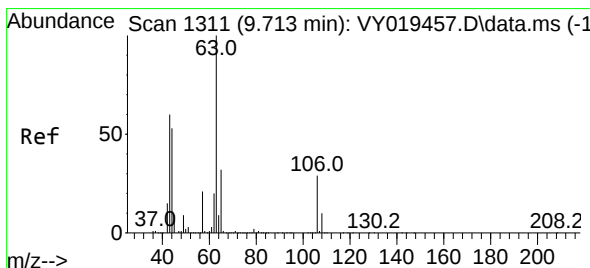
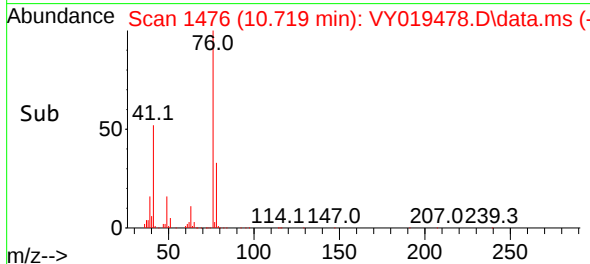
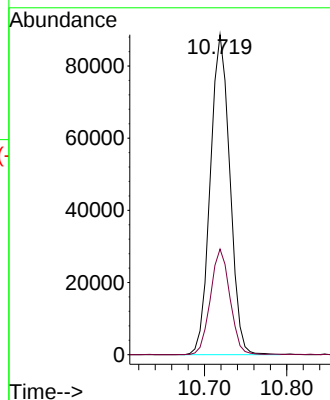
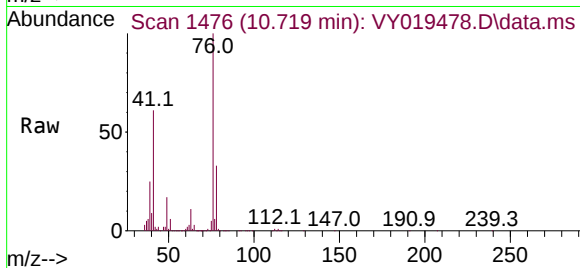
ClientSampleId :

Tgt Ion: 76 Resp: 146399

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 90.940 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019478.D

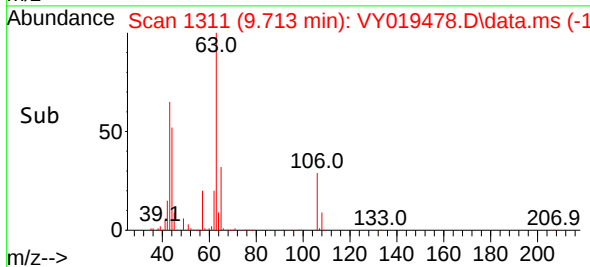
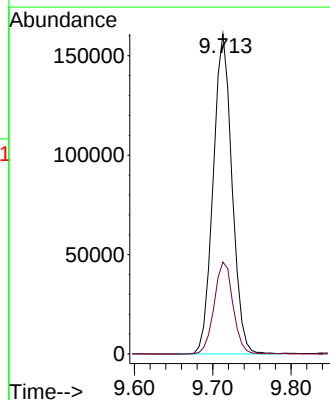
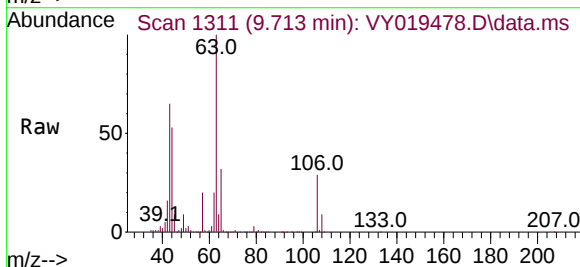
Acq: 10 Sep 2024 10:14

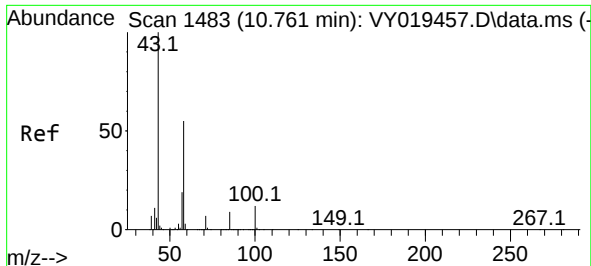
Tgt Ion: 63 Resp: 269140

Ion Ratio Lower Upper

63 100

106 28.7 23.7 35.5





#59

2-Hexanone

Concen: 96.735 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

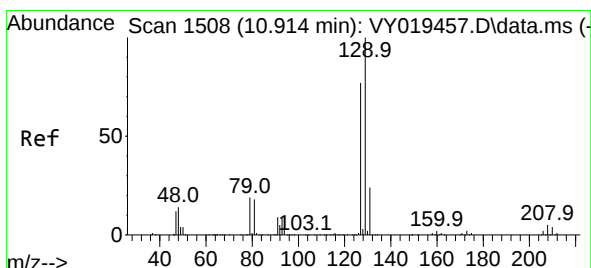
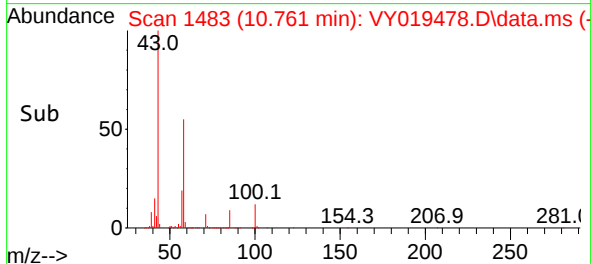
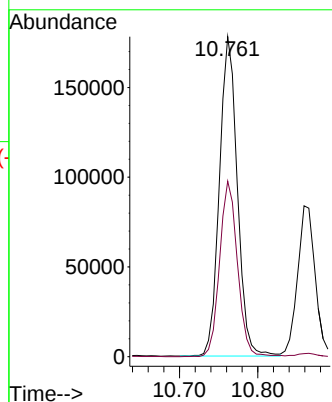
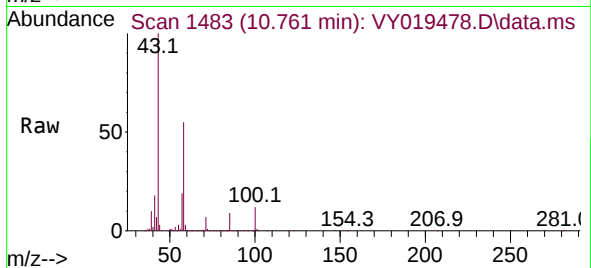
ClientSampleId :

Tgt Ion: 43 Resp: 283516

Ion Ratio Lower Upper

43 100

58 54.8 31.4 94.0



#60

Dibromochloromethane

Concen: 20.640 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY019478.D

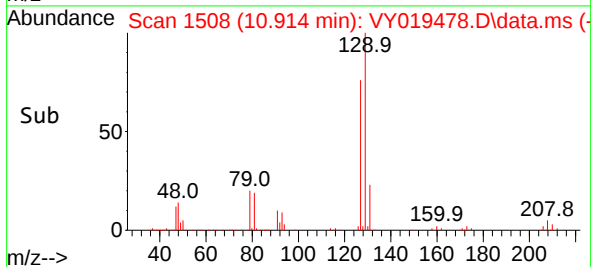
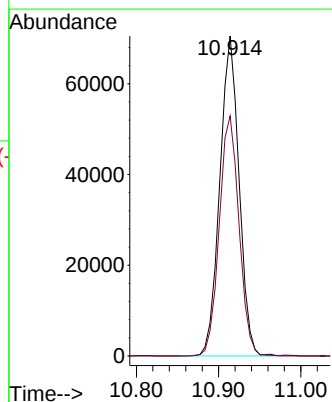
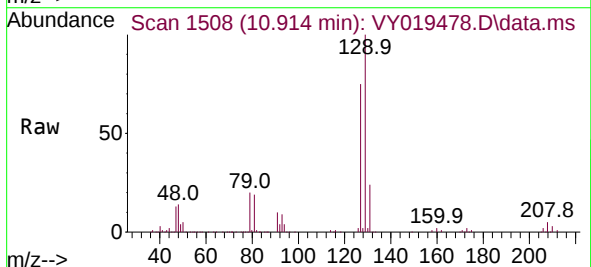
Acq: 10 Sep 2024 10:14

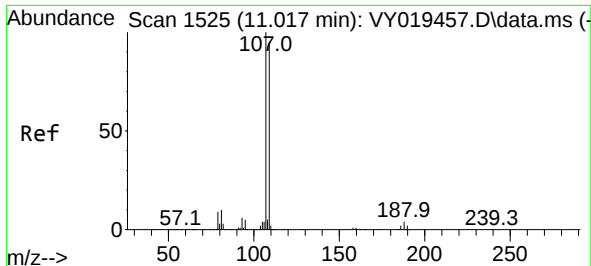
Tgt Ion: 129 Resp: 114612

Ion Ratio Lower Upper

129 100

127 76.8 39.0 117.0

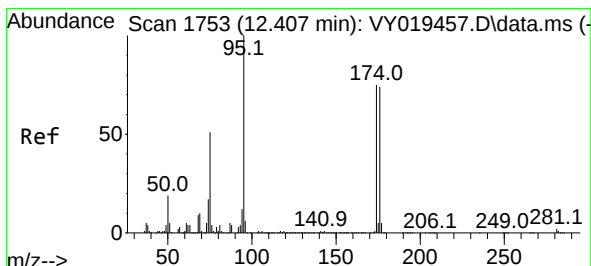
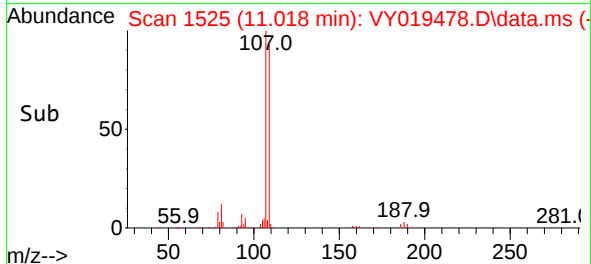
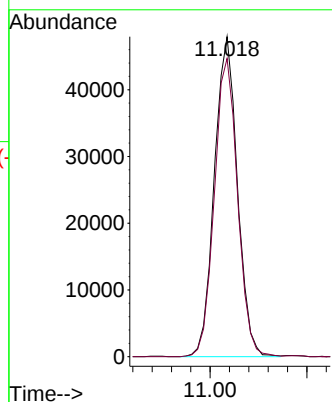
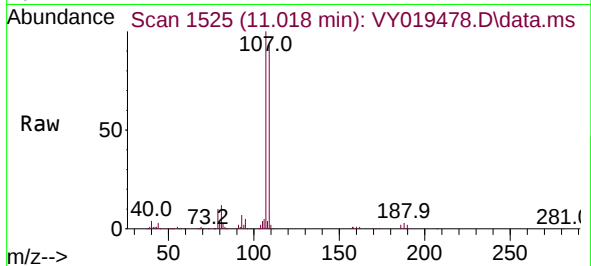




#61
1,2-Dibromoethane
Concen: 20.230 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

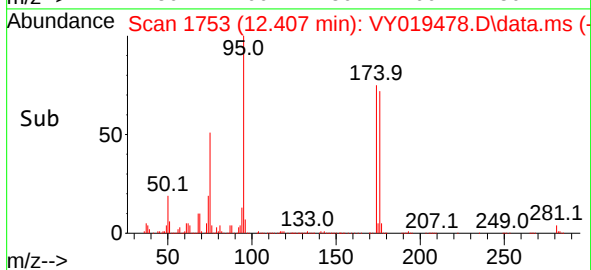
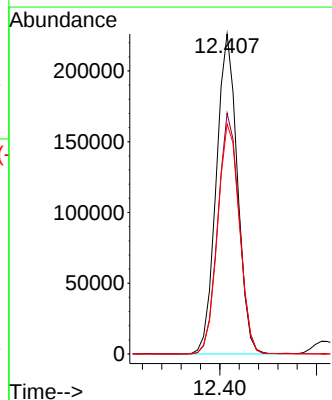
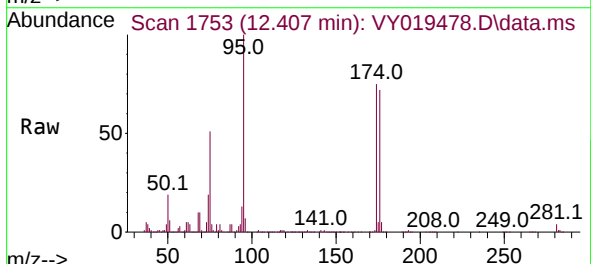
Instrument :
MSVOA_Y
ClientSampleId :

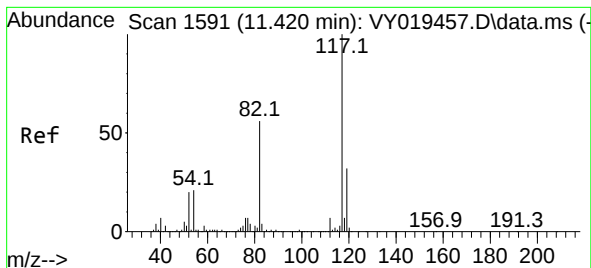
Tgt Ion:107 Resp: 79121
Ion Ratio Lower Upper
107 100
109 93.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 44.398 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Tgt Ion: 95 Resp: 342552
Ion Ratio Lower Upper
95 100
174 76.2 0.0 175.6
176 74.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

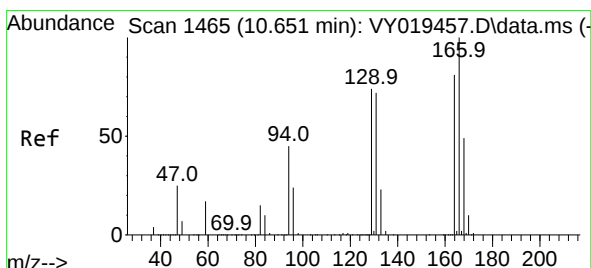
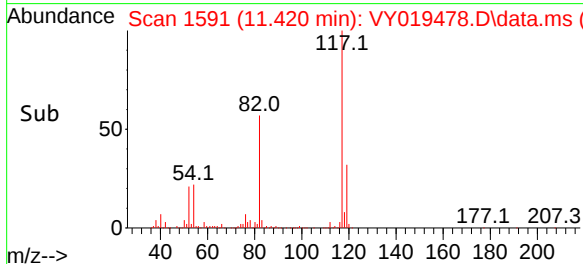
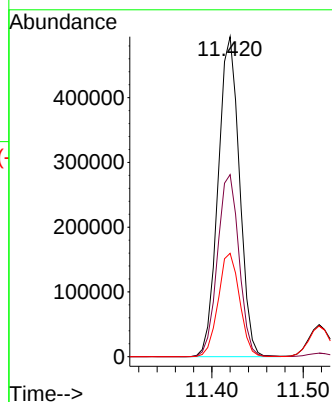
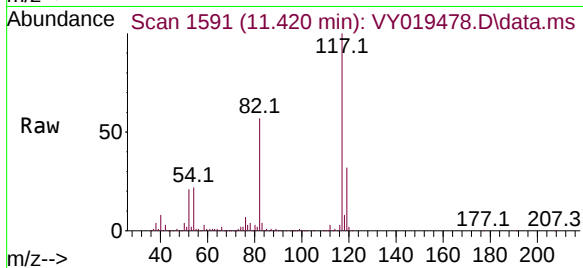
Tgt Ion:117 Resp: 803040

Ion Ratio Lower Upper

117 100

82 56.9 42.4 63.6

119 32.3 25.9 38.9



#64

Tetrachloroethene

Concen: 19.954 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Tgt Ion:164 Resp: 99230

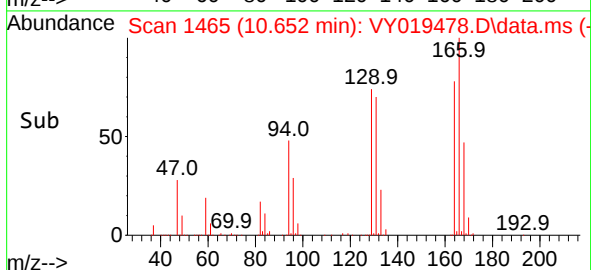
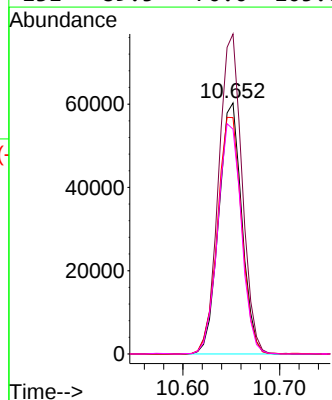
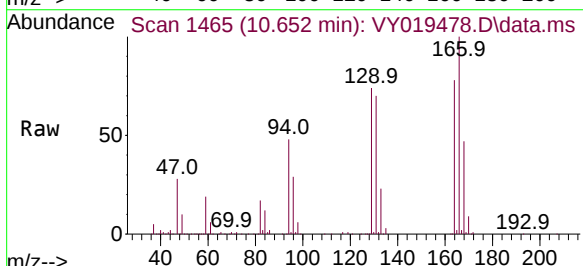
Ion Ratio Lower Upper

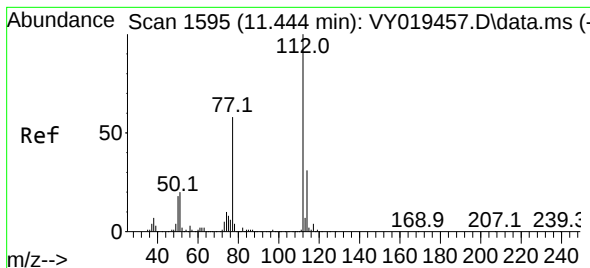
164 100

166 127.5 102.6 154.0

129 94.1 72.0 108.0

131 89.5 70.0 105.0





#65

Chlorobenzene

Concen: 21.114 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

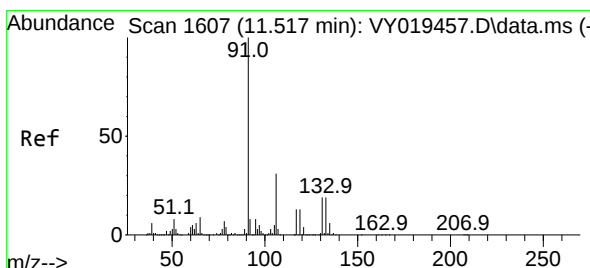
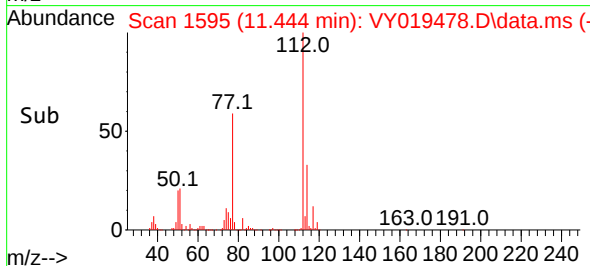
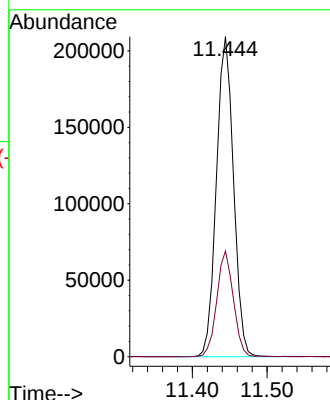
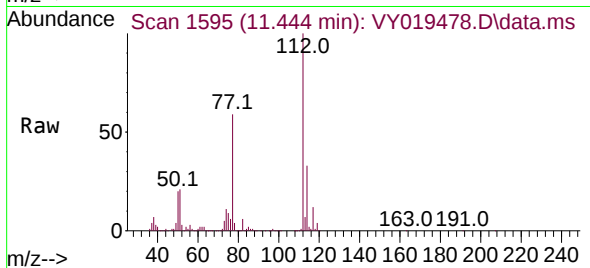
ClientSampleId :

Tgt Ion:112 Resp: 333522

Ion Ratio Lower Upper

112 100

114 33.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.171 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

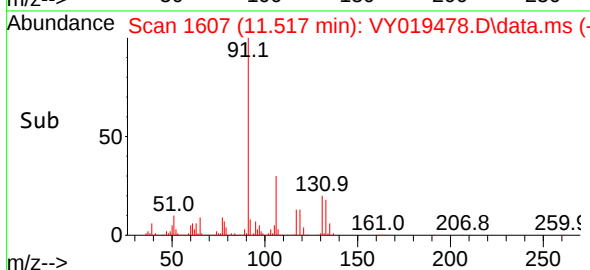
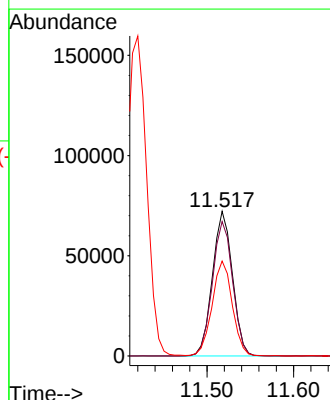
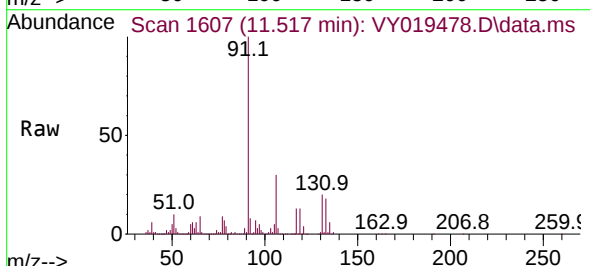
Tgt Ion:131 Resp: 115789

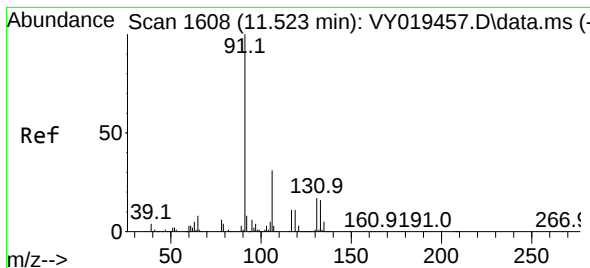
Ion Ratio Lower Upper

131 100

133 94.4 47.8 143.3

119 66.1 34.1 102.2





#67

Ethyl Benzene

Concen: 21.047 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

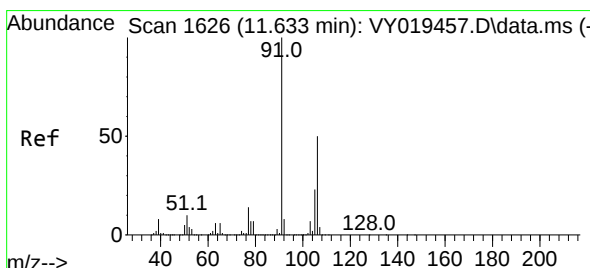
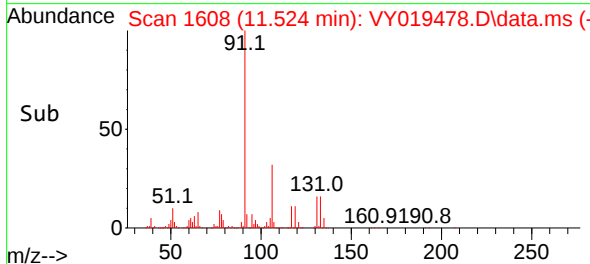
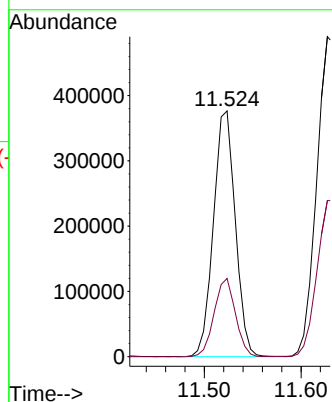
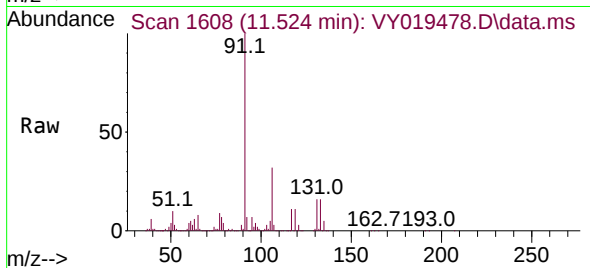
ClientSampleId :

Tgt Ion: 91 Resp: 590746

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 41.997 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019478.D

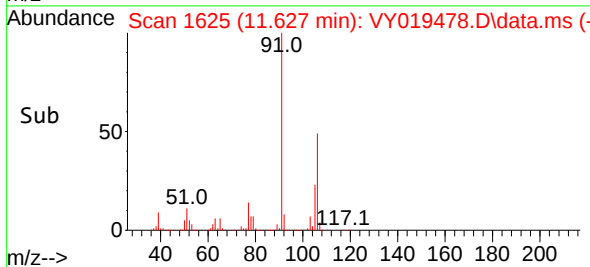
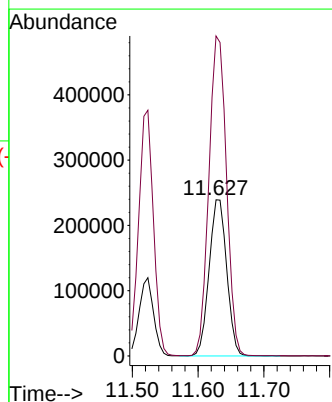
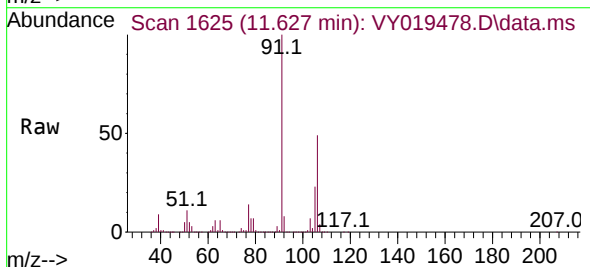
Acq: 10 Sep 2024 10:14

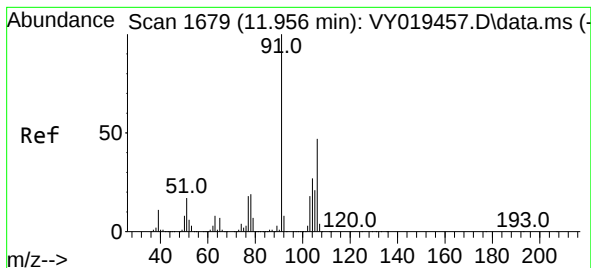
Tgt Ion: 106 Resp: 445713

Ion Ratio Lower Upper

106 100

91 204.5 156.0 234.0

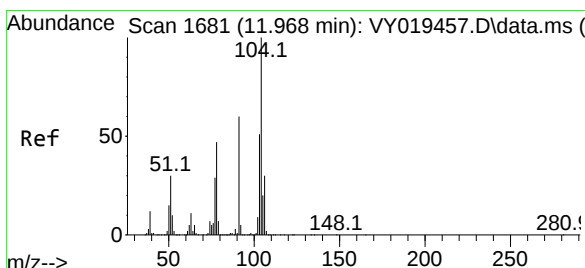
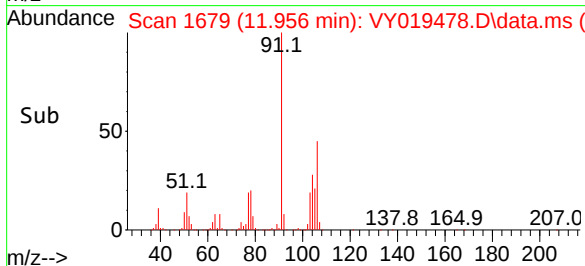
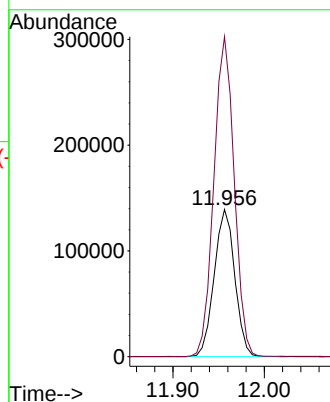
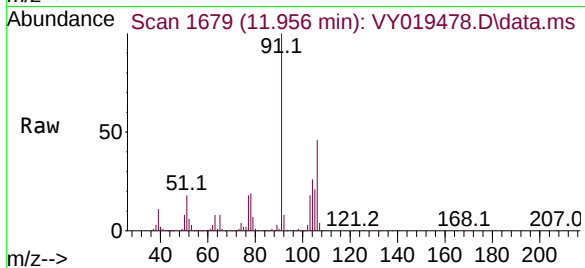




#69
o-Xylene
Concen: 20.973 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

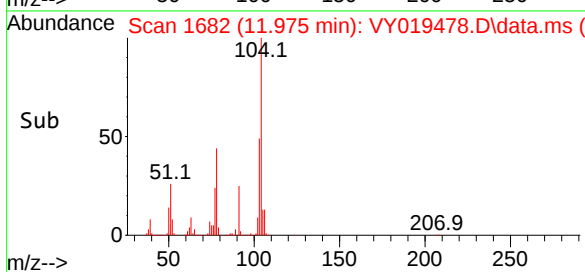
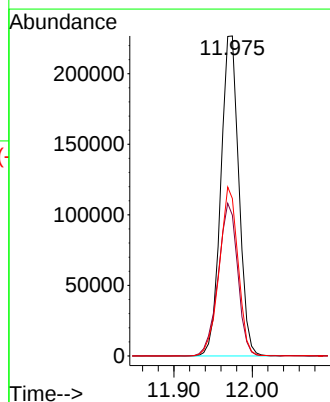
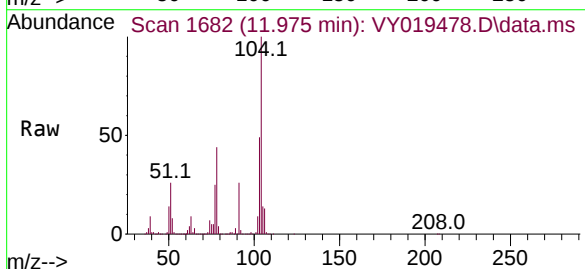
Instrument :
MSVOA_Y
ClientSampleId :

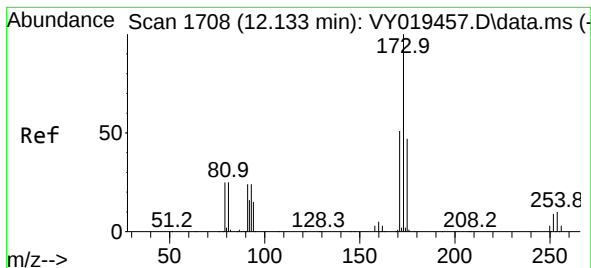
Tgt Ion:106 Resp: 217686
Ion Ratio Lower Upper
106 100
91 215.0 103.6 310.8



#70
Styrene
Concen: 20.756 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Tgt Ion:104 Resp: 363731
Ion Ratio Lower Upper
104 100
78 51.5 37.0 55.4
103 54.8 44.2 66.2





#71

Bromoform

Concen: 19.686 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019478.D

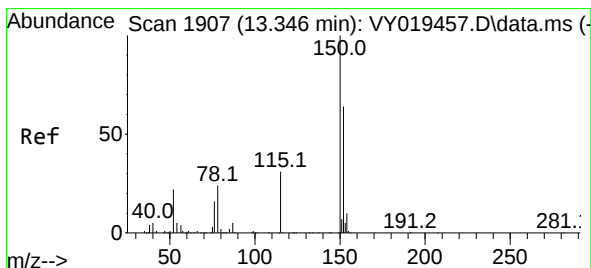
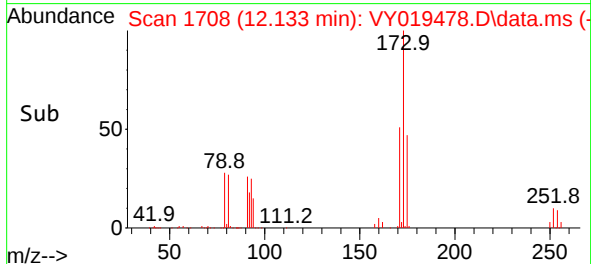
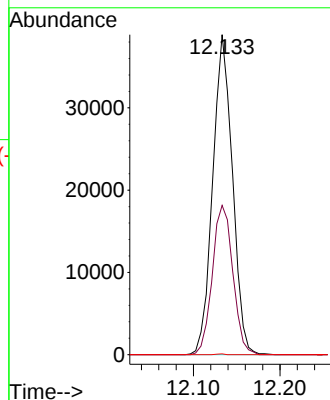
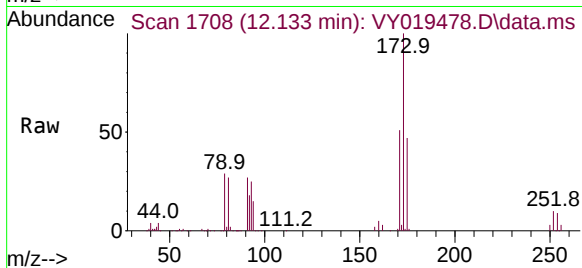
Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	61495
Ion Ratio	Lower	Upper
173	100	
175	48.6	25.1 75.3
254	0.1	0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

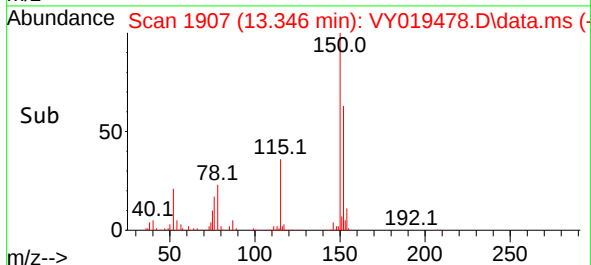
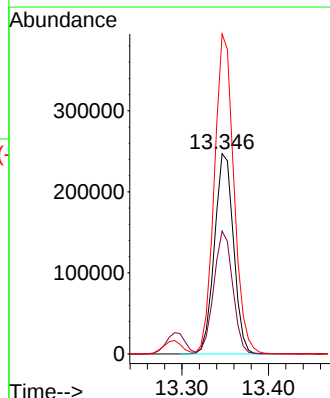
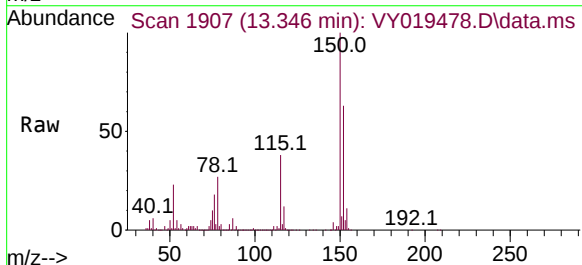
RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Tgt Ion:152	Resp:	377648
Ion Ratio	Lower	Upper
152	100	
115	60.8	28.2 84.7
150	163.6	0.0 345.6





#73

Isopropylbenzene

Concen: 21.148 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

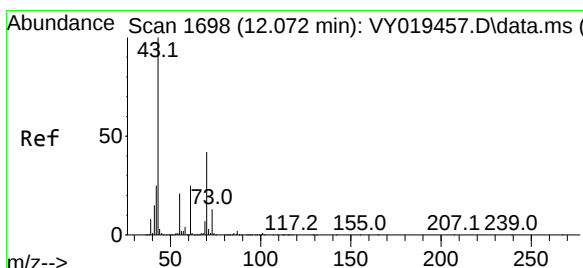
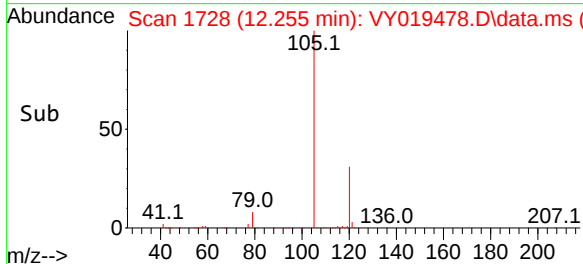
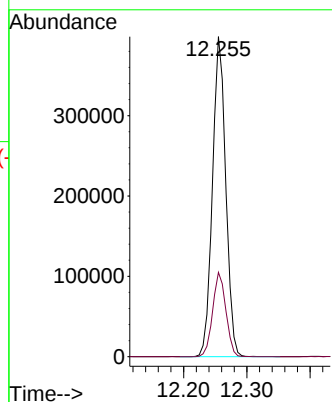
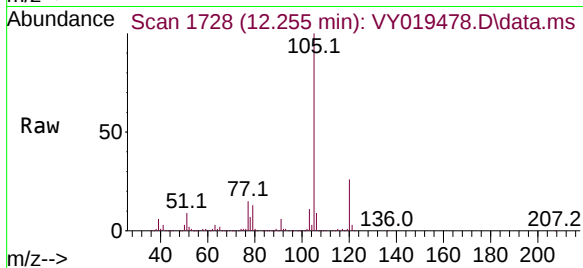
ClientSampleId :

Tgt Ion:105 Resp: 579402

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 19.994 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Tgt Ion: 43 Resp: 148974

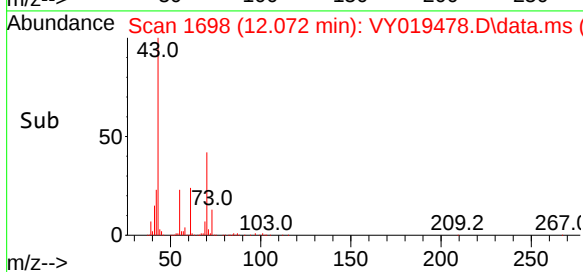
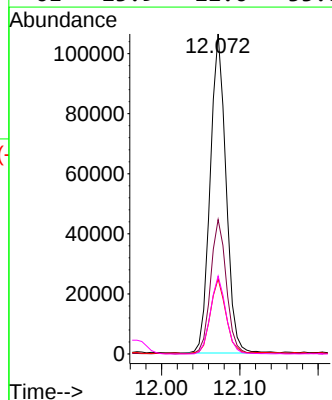
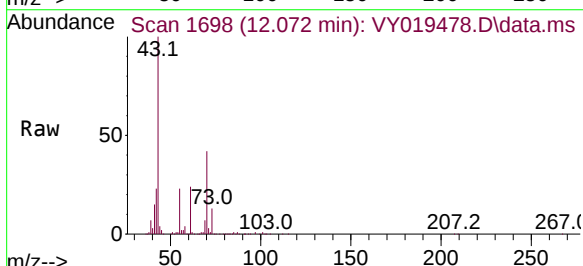
Ion Ratio Lower Upper

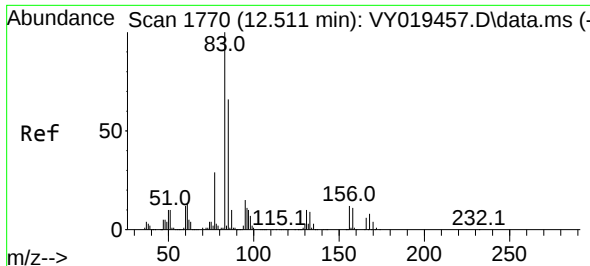
43 100

70 42.1 41.4 62.2

55 23.1 23.3 34.9#

61 23.9 22.6 33.8

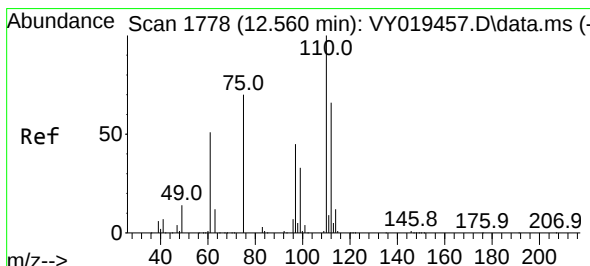
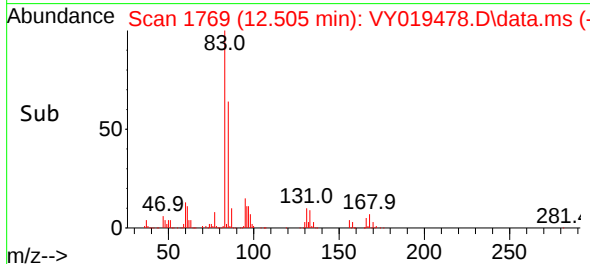
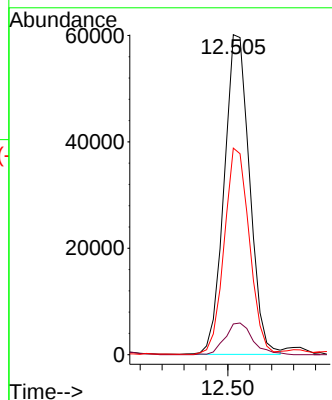
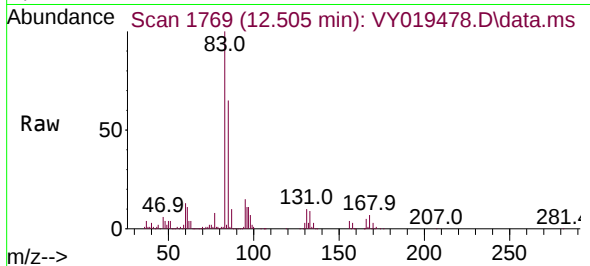




#75
1,1,2,2-Tetrachloroethane
Concen: 19.867 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

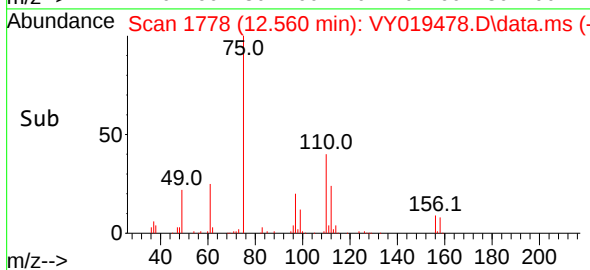
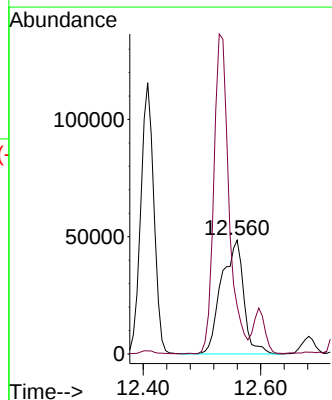
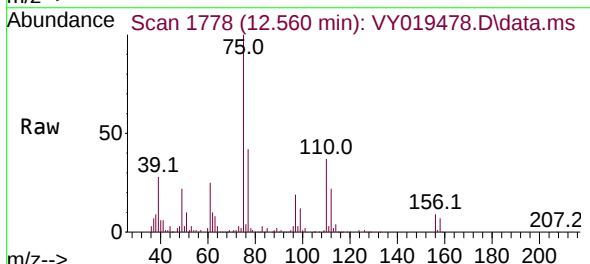
Instrument :
MSVOA_Y
ClientSampleId :

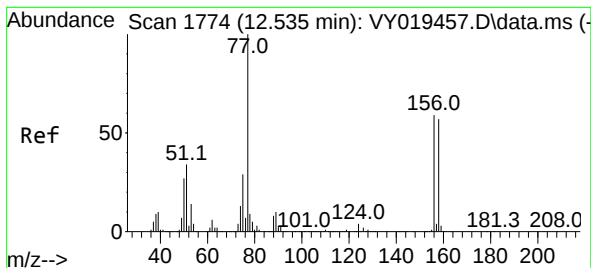
Tgt Ion: 83 Resp: 96613
Ion Ratio Lower Upper
83 100
131 10.8 5.0 14.9
85 63.9 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 36.201 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Tgt Ion: 75 Resp: 128138
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.770 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY019478.D

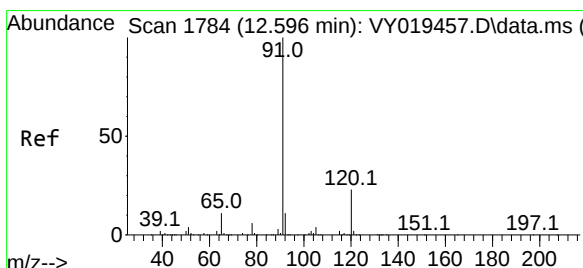
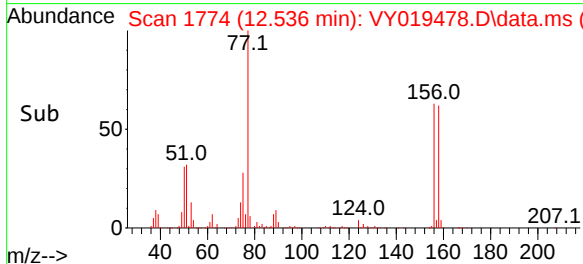
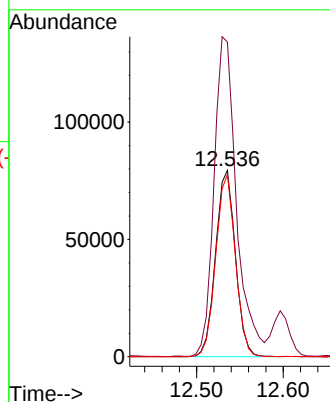
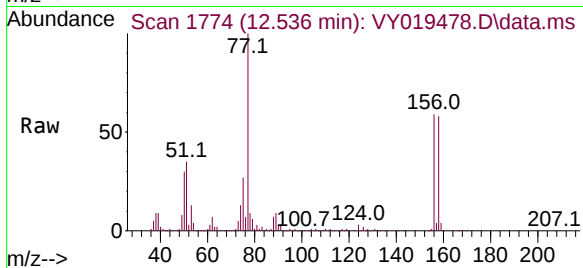
Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	126206
Ion Ratio	Lower	Upper	
156	100		
77	194.2	87.1	261.3
158	96.6	48.6	145.9



#78

n-propylbenzene

Concen: 21.339 ug/l

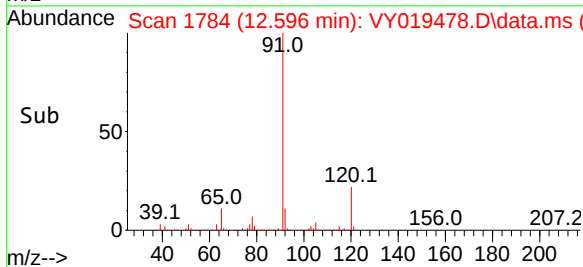
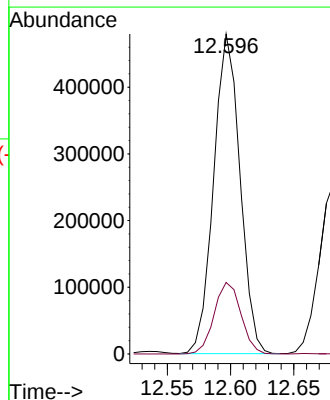
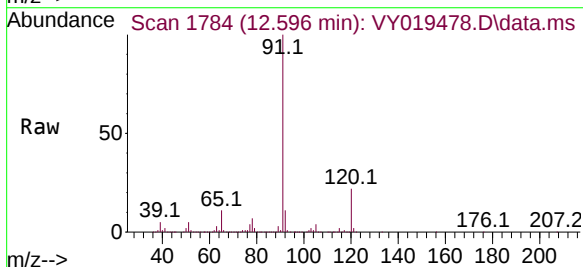
RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Tgt Ion:	91	Resp:	692935
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.4

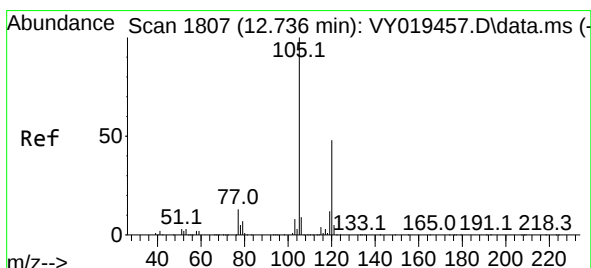
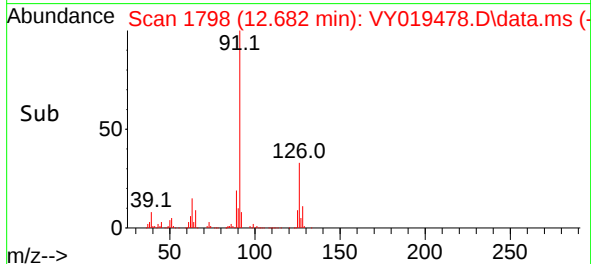
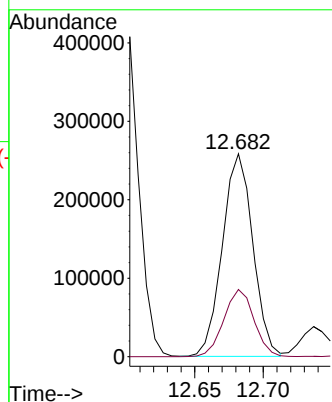
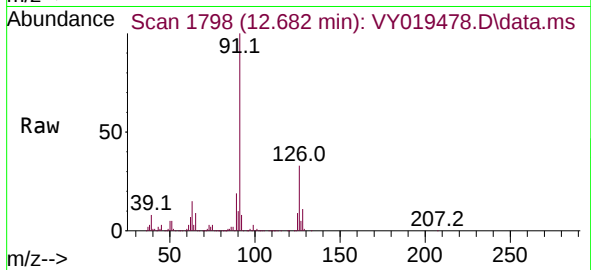




#79
2-Chlorotoluene
Concen: 21.116 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

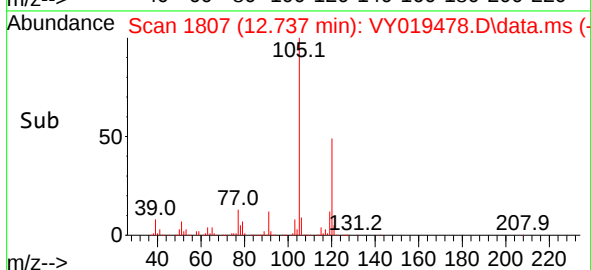
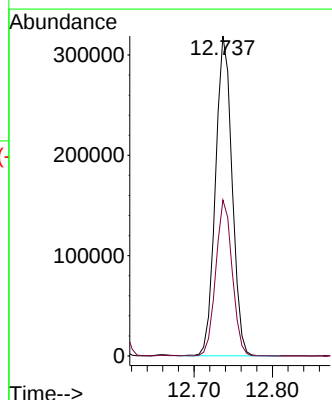
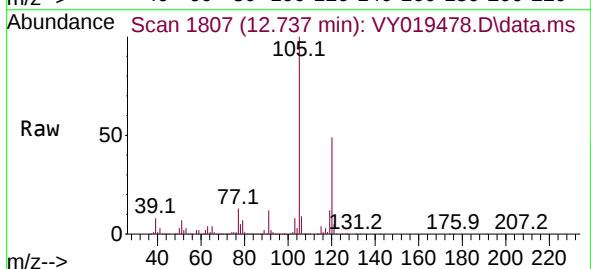
Instrument :
MSVOA_Y
ClientSampleId :

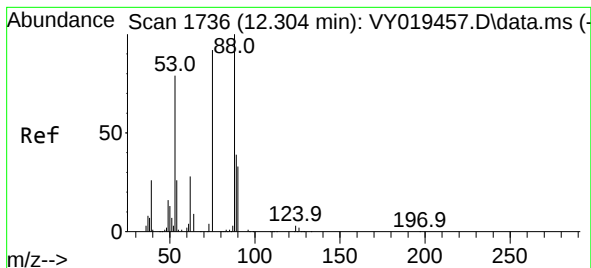
Tgt Ion: 91 Resp: 399605
Ion Ratio Lower Upper
91 100
126 32.9 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 21.046 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Tgt Ion: 105 Resp: 468748
Ion Ratio Lower Upper
105 100
120 48.3 25.1 75.2

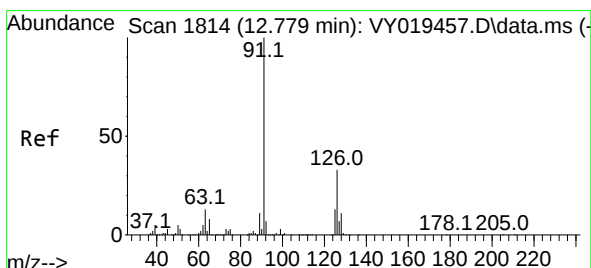
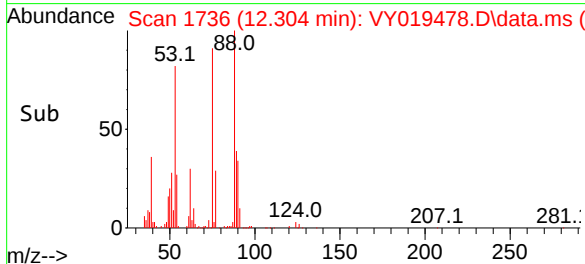
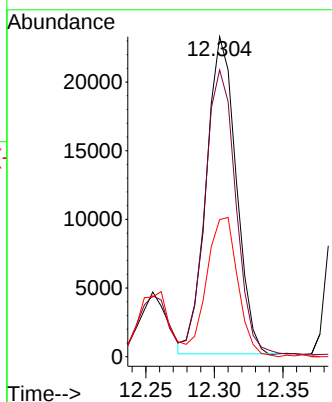
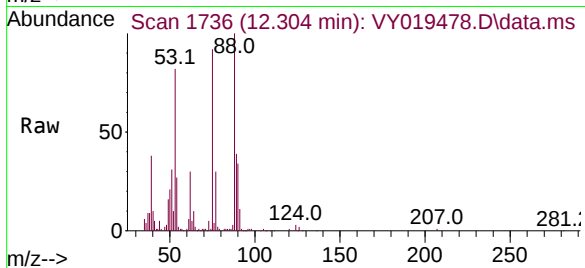




#81
trans-1,4-Dichloro-2-butene
Concen: 18.988 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

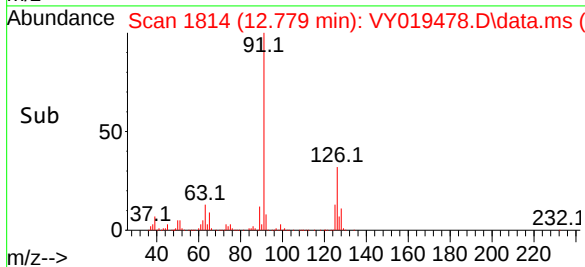
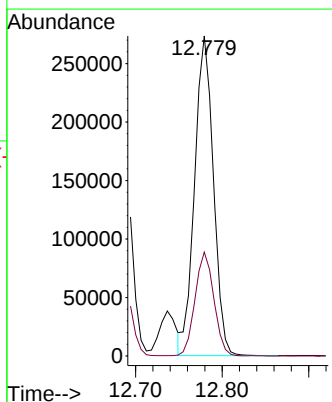
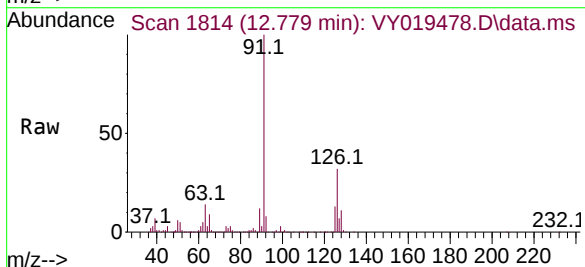
Instrument :
MSVOA_Y
ClientSampleId :

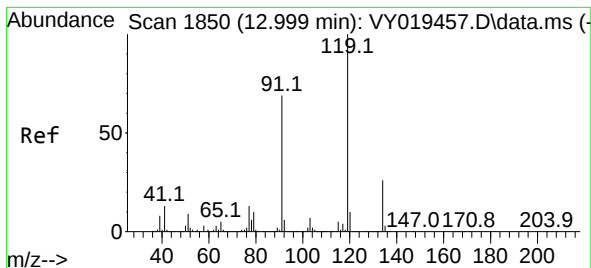
Tgt Ion: 75 Resp: 35011
Ion Ratio Lower Upper
75 100
53 93.4 66.8 100.2
89 45.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.186 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019478.D
Acq: 10 Sep 2024 10:14

Tgt Ion: 91 Resp: 412188
Ion Ratio Lower Upper
91 100
126 32.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 21.303 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

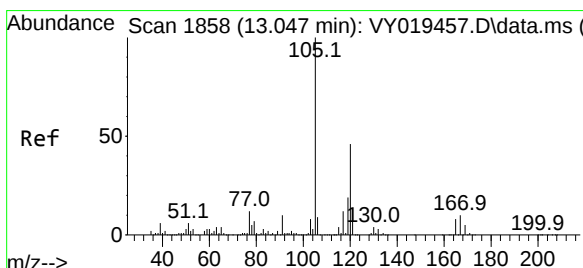
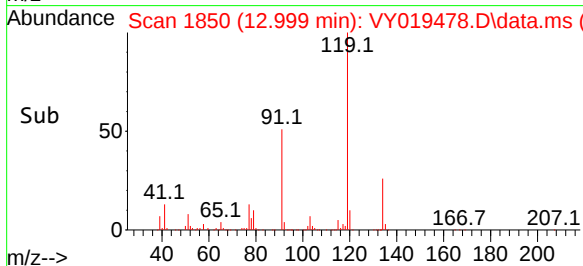
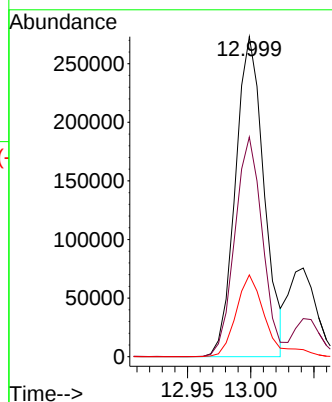
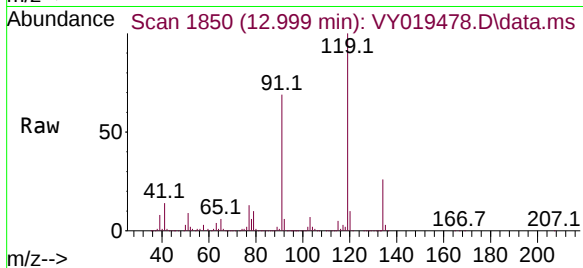
Tgt Ion:119 Resp: 429542

Ion Ratio Lower Upper

119 100

91 67.2 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.365 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019478.D

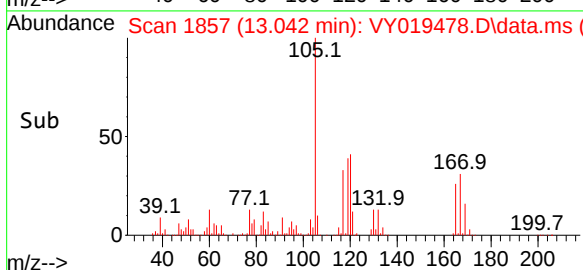
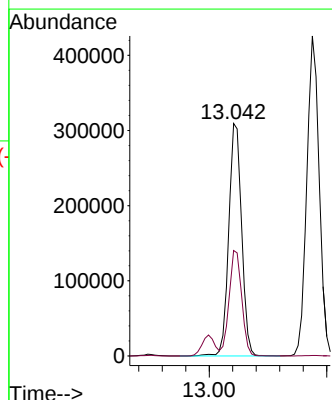
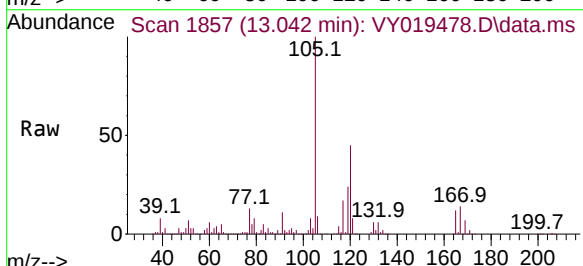
Acq: 10 Sep 2024 10:14

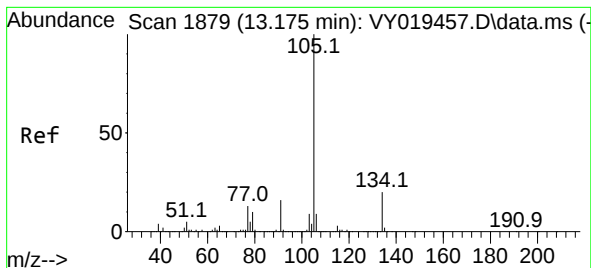
Tgt Ion:105 Resp: 471043

Ion Ratio Lower Upper

105 100

120 44.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.256 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

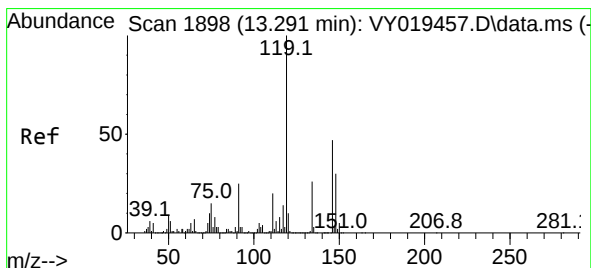
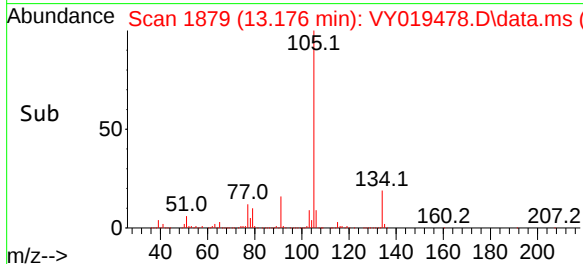
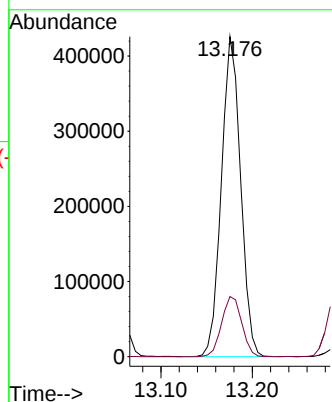
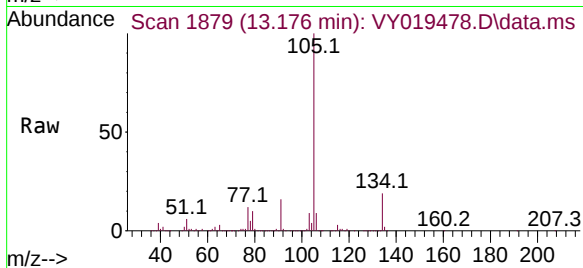
ClientSampleId :

Tgt Ion:105 Resp: 622622

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.213 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

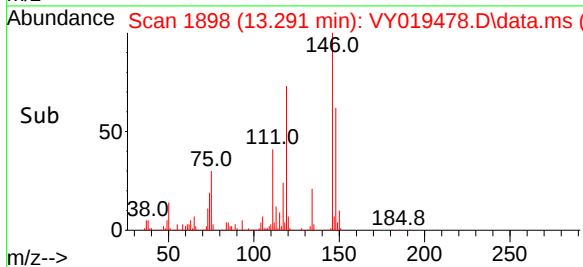
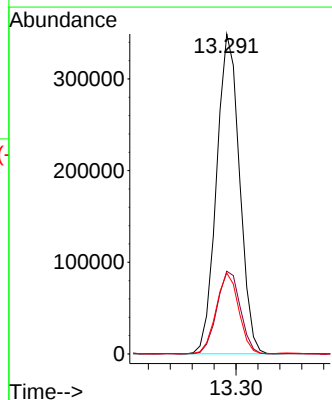
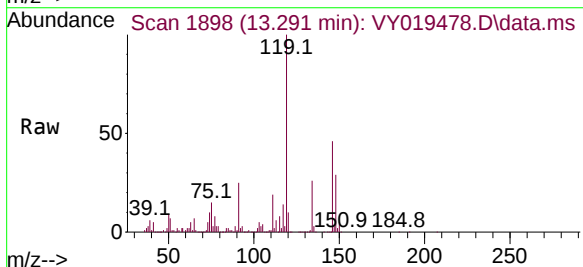
Tgt Ion:119 Resp: 508392

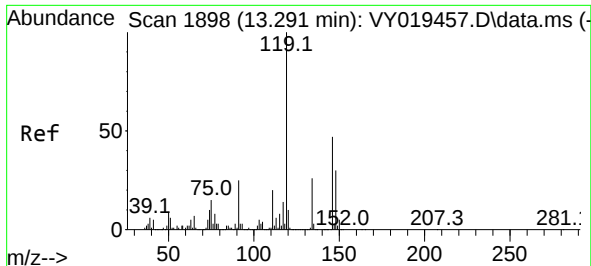
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 24.8 10.7 32.1

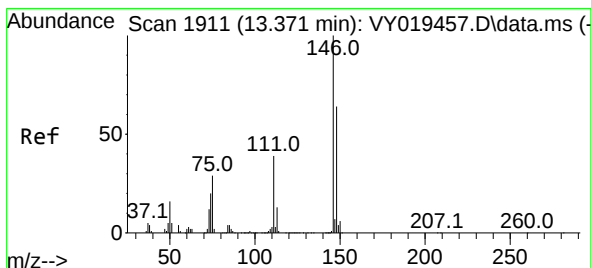
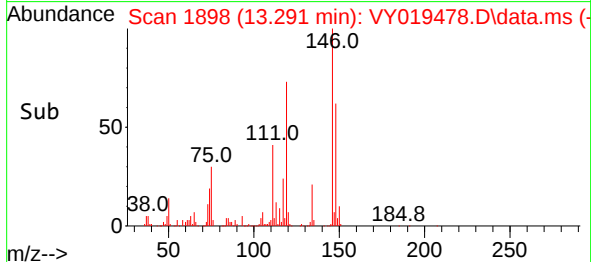
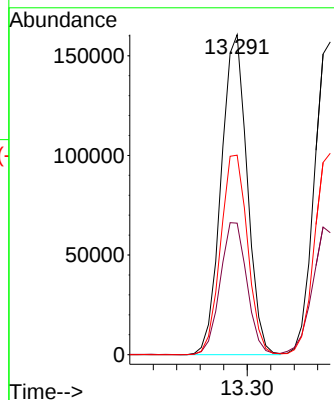
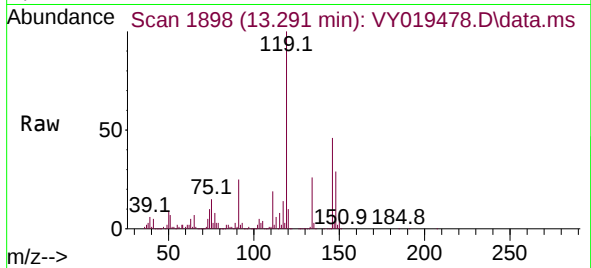




#87
 1,3-Dichlorobenzene
 Concen: 20.887 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019478.D
 Acq: 10 Sep 2024 10:14

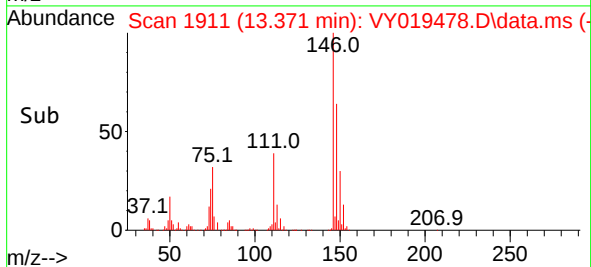
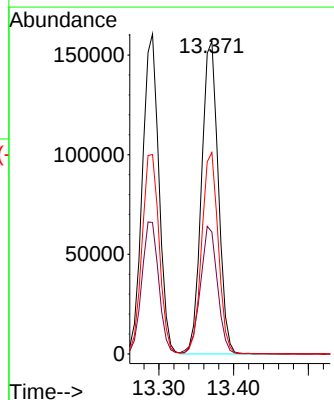
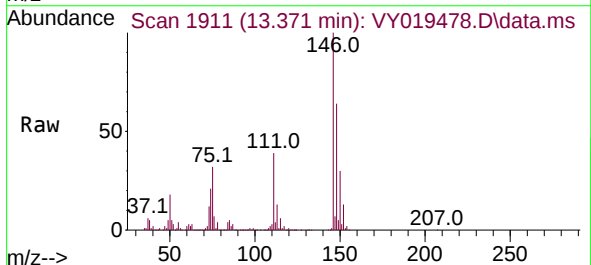
Instrument :
 MSVOA_Y
 ClientSampleId :

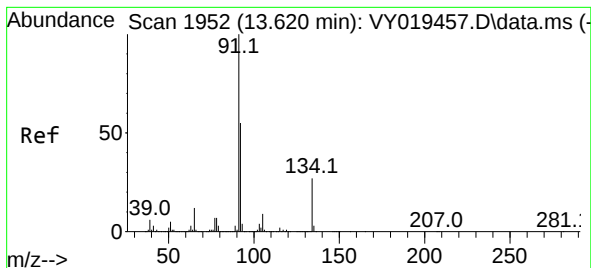
Tgt Ion:146 Resp: 246612
 Ion Ratio Lower Upper
 146 100
 111 42.5 19.0 57.0
 148 64.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 20.811 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY019478.D
 Acq: 10 Sep 2024 10:14

Tgt Ion:146 Resp: 243856
 Ion Ratio Lower Upper
 146 100
 111 41.6 18.4 55.4
 148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 21.093 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

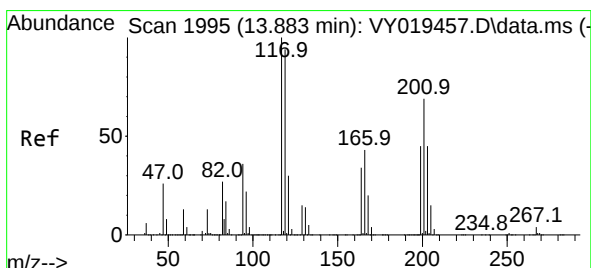
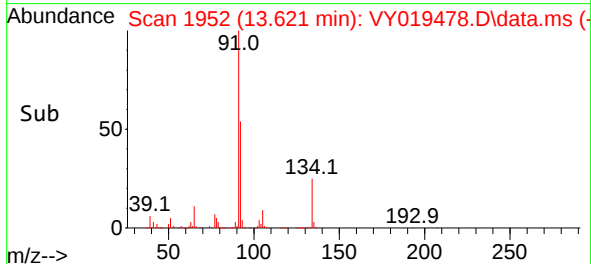
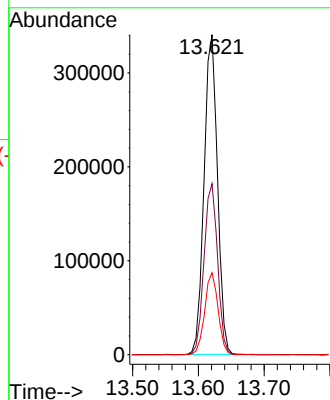
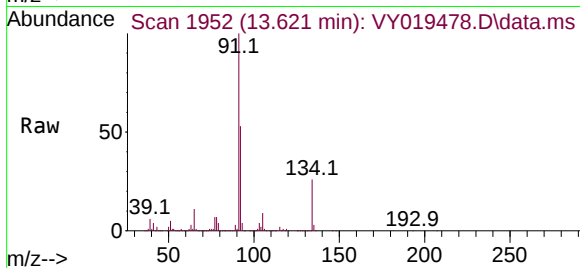
Tgt Ion: 91 Resp: 483261

Ion Ratio Lower Upper

91 100

92 54.1 26.6 79.7

134 25.6 12.9 38.7



#90

Hexachloroethane

Concen: 20.684 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019478.D

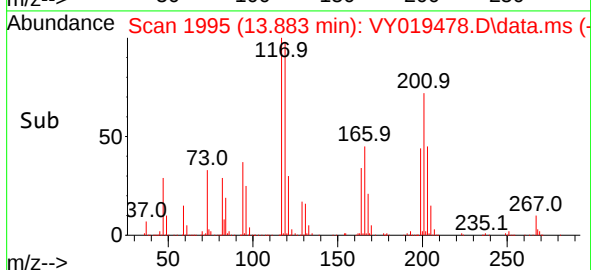
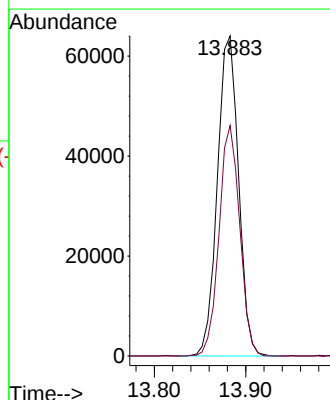
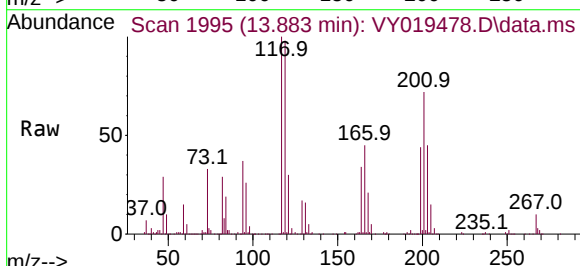
Acq: 10 Sep 2024 10:14

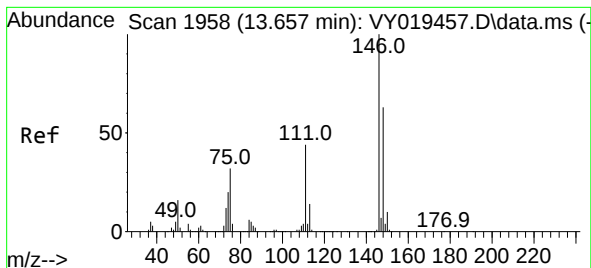
Tgt Ion: 117 Resp: 103140

Ion Ratio Lower Upper

117 100

201 70.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.743 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

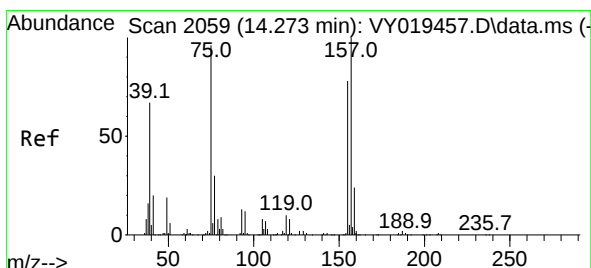
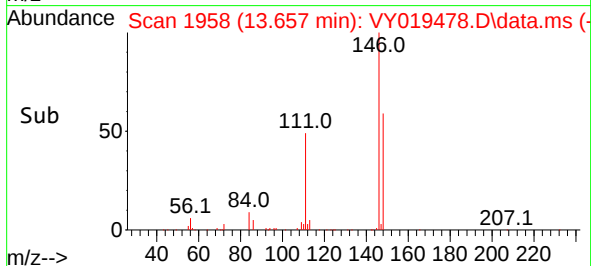
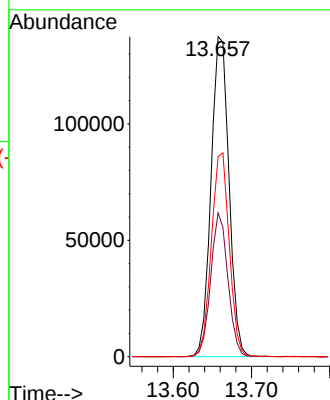
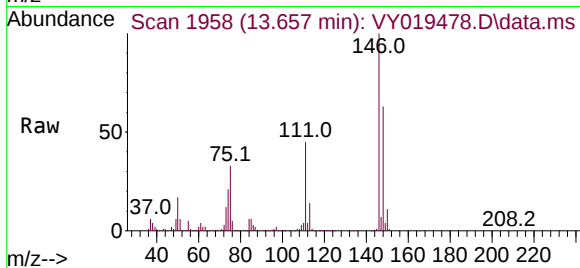
Tgt Ion:146 Resp: 218549

Ion Ratio Lower Upper

146 100

111 43.0 19.9 59.7

148 63.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.787 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

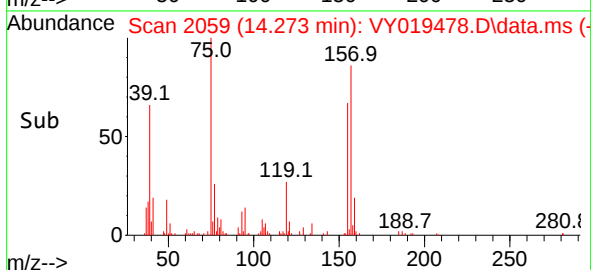
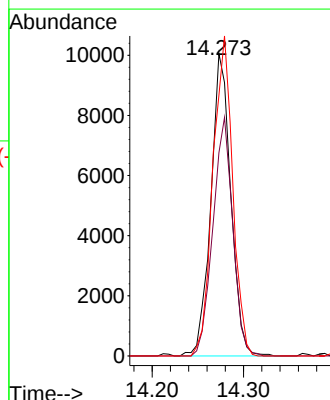
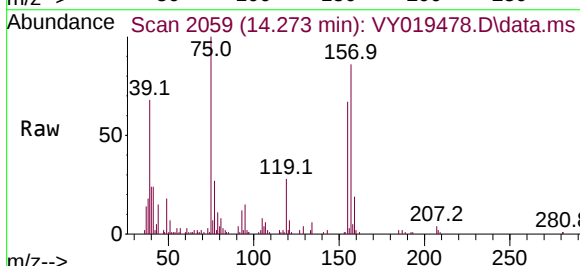
Tgt Ion: 75 Resp: 15226

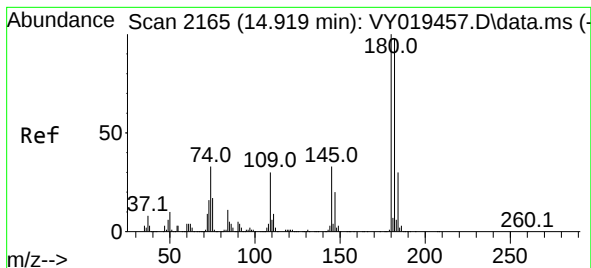
Ion Ratio Lower Upper

75 100

155 78.3 48.6 145.8

157 104.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.118 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

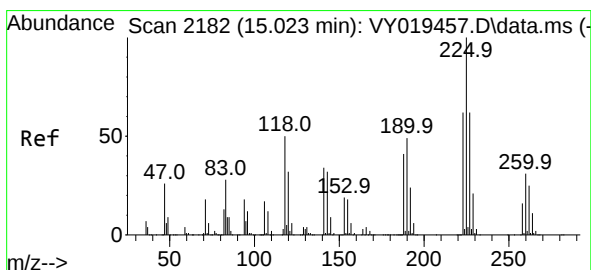
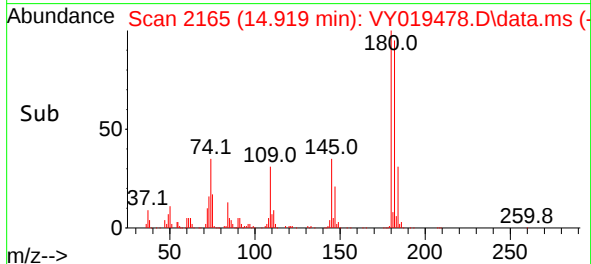
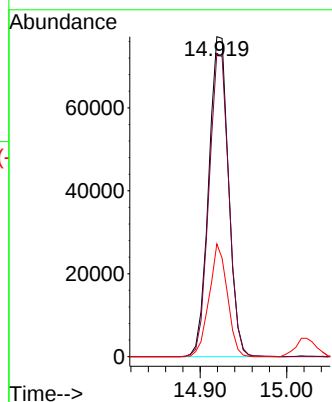
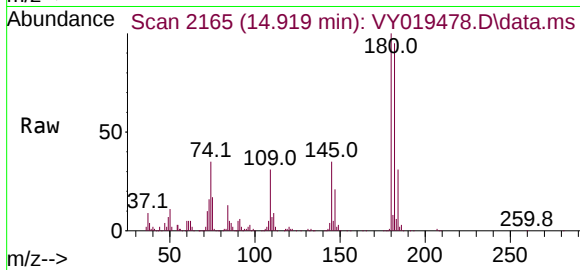
Tgt Ion:180 Resp: 122512

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.8

145 32.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.612 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

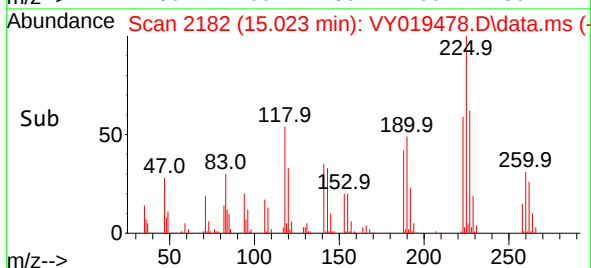
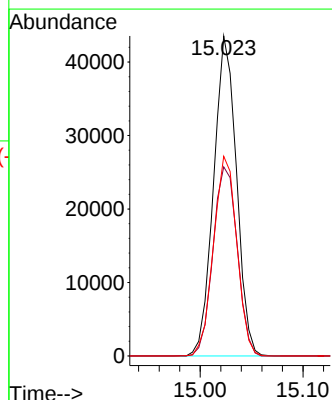
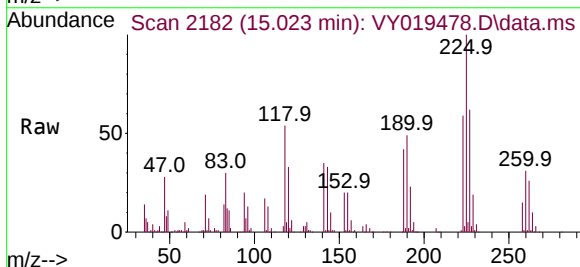
Tgt Ion:225 Resp: 67138

Ion Ratio Lower Upper

225 100

223 62.7 30.4 91.2

227 63.6 31.9 95.9





#95

Naphthalene

Concen: 17.897 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

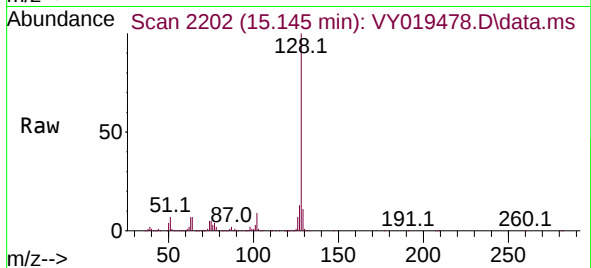
Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :



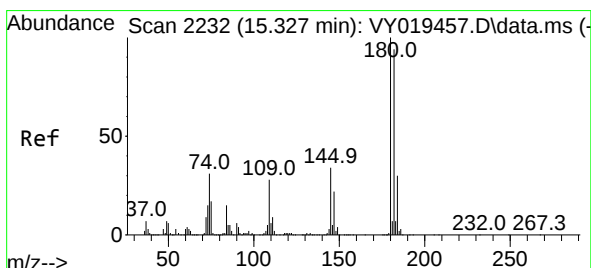
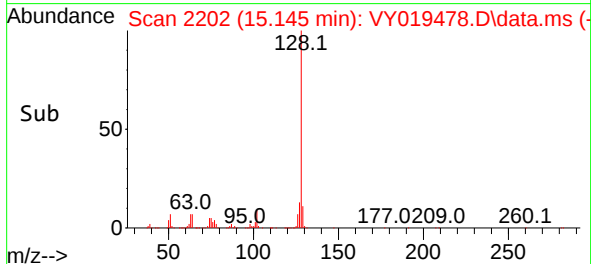
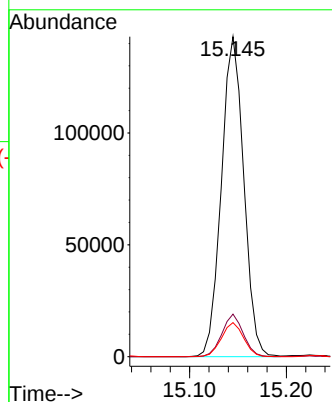
Tgt Ion:128 Resp: 229665

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.200 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019478.D

Acq: 10 Sep 2024 10:14

Tgt Ion:180 Resp: 105243

Ion Ratio Lower Upper

180 100

182 93.4 47.6 142.9

145 33.6 15.4 46.1

