

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100424\
 Data File : VY019794.D
 Acq On : 04 Oct 2024 12:48
 Operator : SY/MD
 Sample : VY1004SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 23:29:03 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	7.713	168	271038	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	469201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	394094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	187692	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	138905	55.346	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.700%	
35) Dibromofluoromethane	7.634	113	137406	51.651	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.300%	
50) Toluene-d8	10.103	98	481561	48.940	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.880%	
62) 4-Bromofluorobenzene	12.402	95	176667	46.694	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	30178	17.728	ug/l	97
3) Chloromethane	2.068	50	34945	15.583	ug/l	98
4) Vinyl Chloride	2.208	62	41798	17.238	ug/l	97
5) Bromomethane	2.592	94	30399	20.410	ug/l	98
6) Chloroethane	2.733	64	31381	19.797	ug/l	97
7) Trichlorofluoromethane	3.062	101	77695	19.222	ug/l	98
8) Diethyl Ether	3.452	74	26100	19.236	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.818	101	50491	20.193	ug/l	96
10) Methyl Iodide	4.007	142	45354	14.147	ug/l	93
11) Tert butyl alcohol	4.866	59	27378	135.078	ug/l #	84
12) 1,1-Dichloroethene	3.793	96	41382	17.209	ug/l	89
13) Acrolein	3.659	56	9475	87.809	ug/l	96
14) Allyl chloride	4.385	41	76353	17.706	ug/l #	92
15) Acrylonitrile	5.068	53	66555	113.763	ug/l	97
16) Acetone	3.879	43	93141	155.777	ug/l #	81
17) Carbon Disulfide	4.110	76	66033	10.163	ug/l	97
18) Methyl Acetate	4.385	43	34381	21.189	ug/l	92
19) Methyl tert-butyl Ether	5.122	73	148436	21.795	ug/l	99
20) Methylene Chloride	4.622	84	59588	21.853	ug/l	89
21) trans-1,2-Dichloroethene	5.116	96	44000	16.693	ug/l	88
22) Diisopropyl ether	6.019	45	193484	21.849	ug/l	91
23) Vinyl Acetate	5.964	43	538168	106.396	ug/l #	91
24) 1,1-Dichloroethane	5.921	63	103895	20.908	ug/l	96
25) 2-Butanone	6.896	43	113984	134.039	ug/l #	86
26) 2,2-Dichloropropane	6.884	77	94416	21.064	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	64177	20.045	ug/l	87
28) Bromochloromethane	7.244	49	43157	20.641	ug/l #	78
29) Tetrahydrofuran	7.268	42	56531	109.335	ug/l	87
30) Chloroform	7.421	83	113560	22.386	ug/l	97
31) Cyclohexane	7.701	56	71889	16.005	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	93588	20.583	ug/l	94
36) 1,1-Dichloropropene	7.835	75	66654	18.413	ug/l	97
37) Ethyl Acetate	6.982	43	41217	22.223	ug/l	98
38) Carbon Tetrachloride	7.823	117	77866	19.075	ug/l	96
39) Methylcyclohexane	9.109	83	75157	15.602	ug/l	91
40) Benzene	8.079	78	210256	18.858	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	23066	21.334	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	63778	21.258	ug/l	96
43) Isopropyl Acetate	8.201	43	86214	22.125	ug/l #	88
44) Trichloroethene	8.866	130	52488	18.305	ug/l	91
45) 1,2-Dichloropropane	9.140	63	56394	20.689	ug/l	99
46) Dibromomethane	9.231	93	31005	20.801	ug/l	93
47) Bromodichloromethane	9.427	83	86195	21.512	ug/l	98
48) Methyl methacrylate	9.219	41	37160	20.194	ug/l	83
49) 1,4-Dioxane	9.225	88	7447	424.393	ug/l #	76
51) 4-Methyl-2-Pentanone	10.000	43	222429	113.462	ug/l	91
52) Toluene	10.170	92	136453	19.029	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	75189	19.685	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	87618	19.700	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	44758	21.744	ug/l	94
56) Ethyl methacrylate	10.439	69	63510	20.311	ug/l #	77
57) 1,3-Dichloropropane	10.713	76	76119	21.513	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	157502	108.526	ug/l	97
59) 2-Hexanone	10.756	43	174044	121.098	ug/l	89
60) Dibromochloromethane	10.908	129	57794	21.225	ug/l	97
61) 1,2-Dibromoethane	11.012	107	39600	20.647	ug/l	97
64) Tetrachloroethene	10.646	164	44613	18.281	ug/l	96
65) Chlorobenzene	11.438	112	159591	20.587	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	56405	21.015	ug/l	99
67) Ethyl Benzene	11.518	91	281664	20.449	ug/l	98
68) m/p-Xylenes	11.627	106	204180	39.203	ug/l	93
69) o-Xylene	11.950	106	101291	19.886	ug/l	92
70) Styrene	11.969	104	172377	20.044	ug/l	95
71) Bromoform	12.127	173	30571	19.942	ug/l #	100
73) Isopropylbenzene	12.249	105	278512	20.454	ug/l	99
74) N-amyl acetate	12.066	43	78453	21.185	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	54490	22.546	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	69172	39.320	ug/l #	100
77) Bromobenzene	12.530	156	60627	20.076	ug/l	87
78) n-propylbenzene	12.591	91	336258	20.835	ug/l	98
79) 2-Chlorotoluene	12.676	91	193491	20.572	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	226522	20.463	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	17094	18.653	ug/l #	86
82) 4-Chlorotoluene	12.773	91	200625	20.748	ug/l	95
83) tert-Butylbenzene	12.993	119	210138	20.969	ug/l	93
84) 1,2,4-Trimethylbenzene	13.042	105	224792	20.515	ug/l	97
85) sec-Butylbenzene	13.170	105	311671	21.409	ug/l	98
86) p-Isopropyltoluene	13.286	119	254475	21.365	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	122717	20.912	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	121578	20.876	ug/l	96
89) n-Butylbenzene	13.615	91	242083	21.260	ug/l	99
90) Hexachloroethane	13.877	117	50557	20.400	ug/l	89
91) 1,2-Dichlorobenzene	13.651	146	111862	21.362	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8630	21.425	ug/l	76
93) 1,2,4-Trichlorobenzene	14.913	180	62539	19.636	ug/l	98
94) Hexachlorobutadiene	15.017	225	36241	21.300	ug/l	98
95) Naphthalene	15.139	128	123330	19.337	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	53583	19.669	ug/l	98

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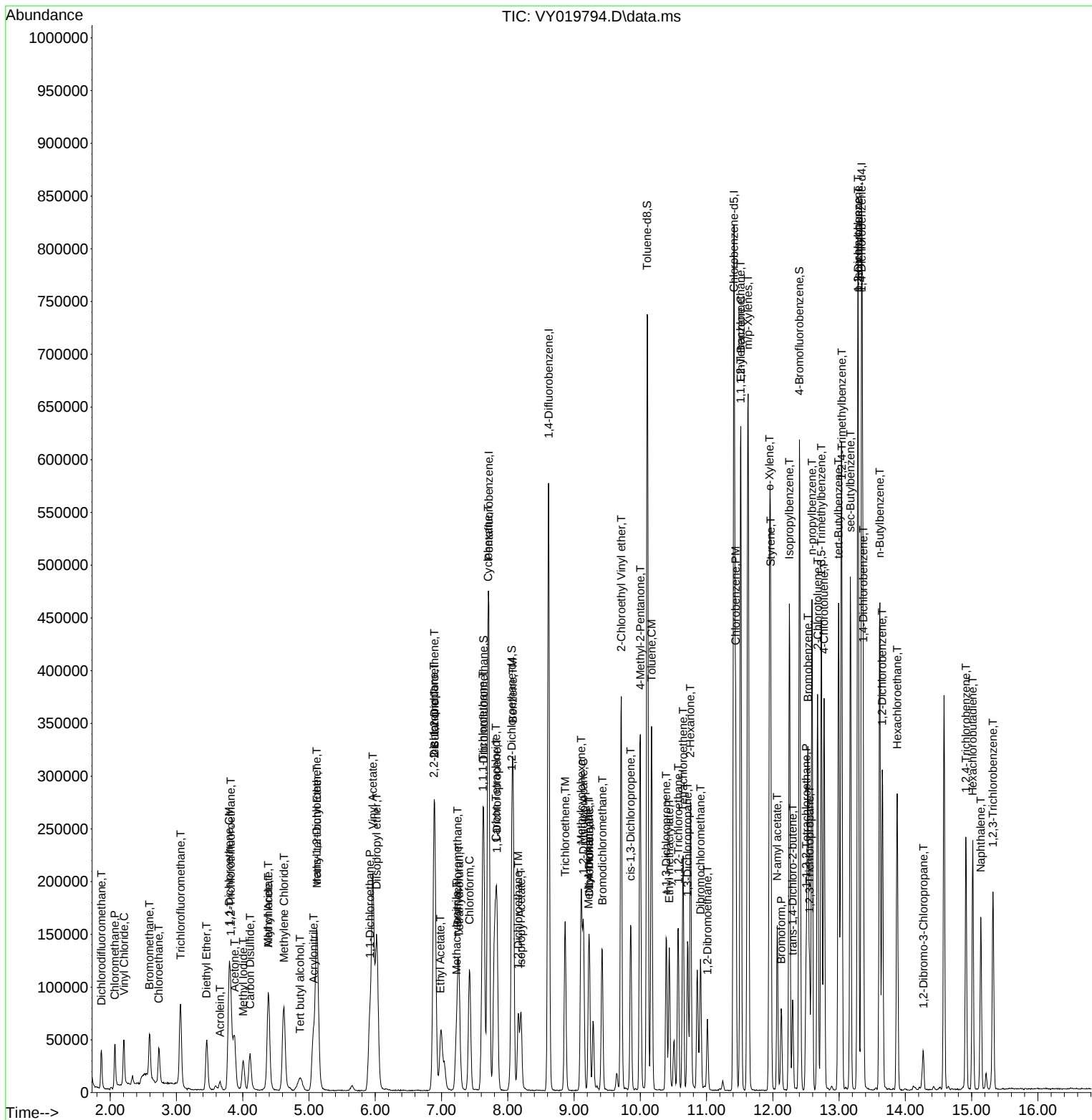
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MSVOA_Y
ClientSampleId :

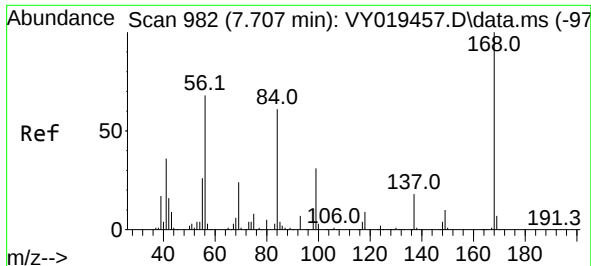
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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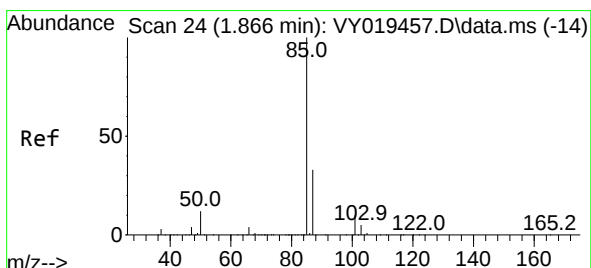
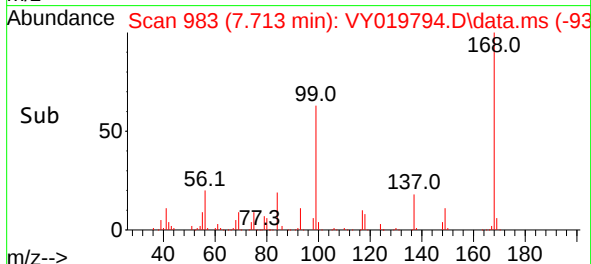
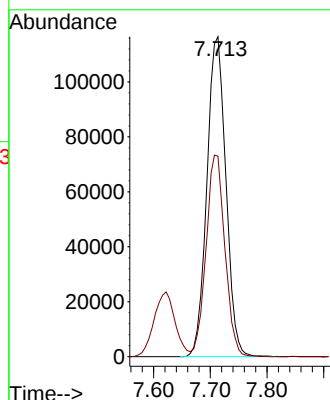
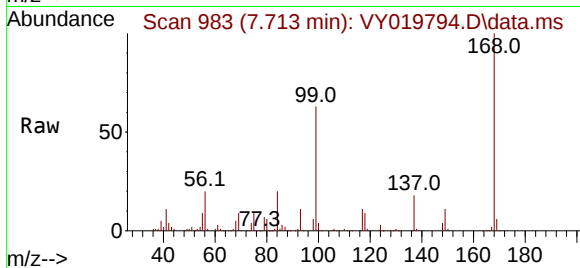




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019794.D
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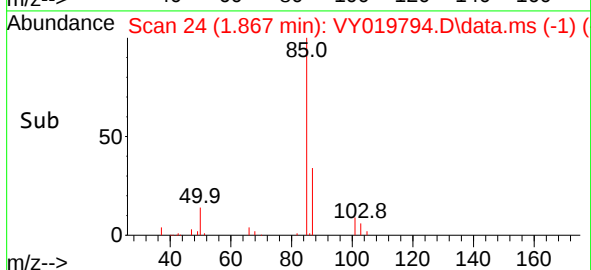
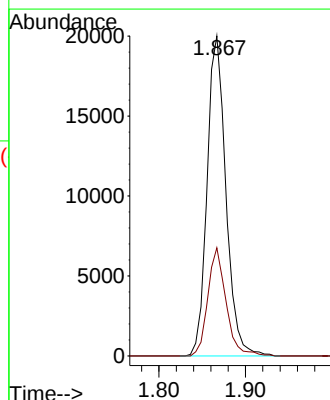
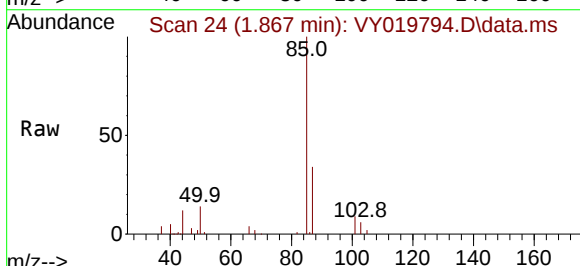
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 271038
Ion Ratio Lower Upper
168 100
99 62.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 17.728 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion: 85 Resp: 30178
Ion Ratio Lower Upper
85 100
87 33.8 16.0 48.0

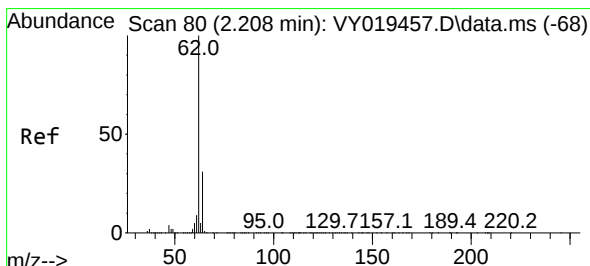
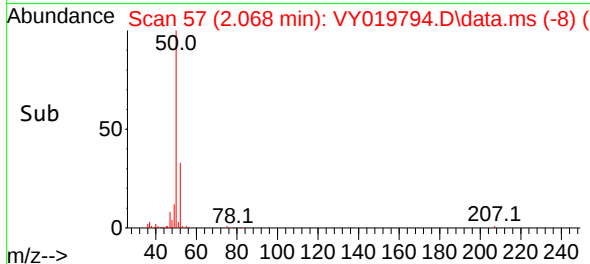
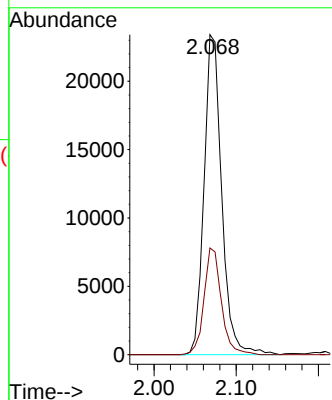
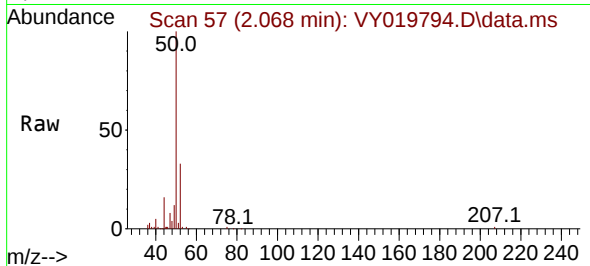




#3
Chloromethane
Concen: 15.583 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

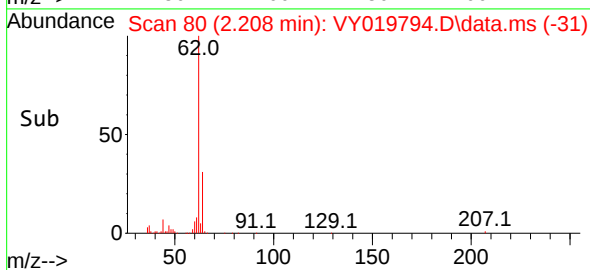
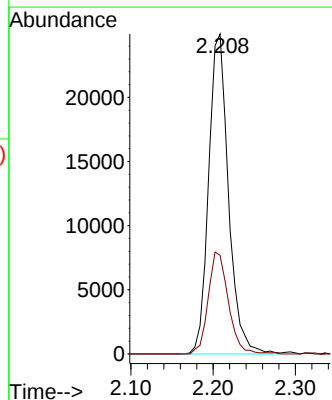
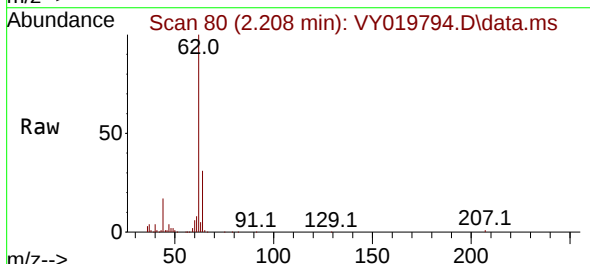
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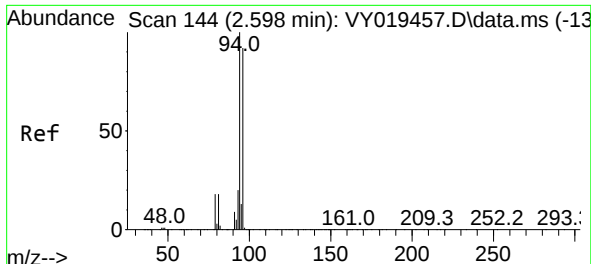
Tgt Ion: 50 Resp: 34945
Ion Ratio Lower Upper
50 100
52 33.3 25.6 38.4



#4
Vinyl Chloride
Concen: 17.238 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion: 62 Resp: 41798
Ion Ratio Lower Upper
62 100
64 30.9 26.1 39.1

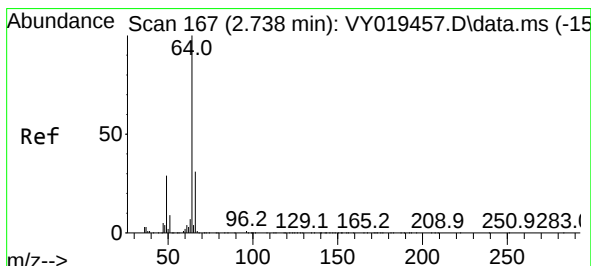
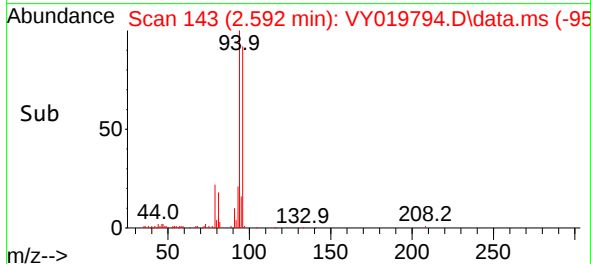
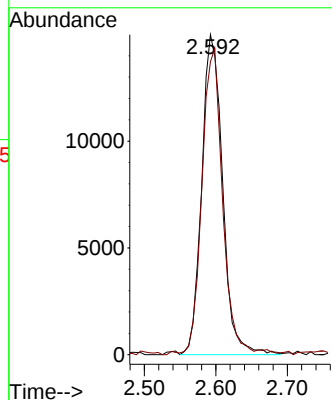
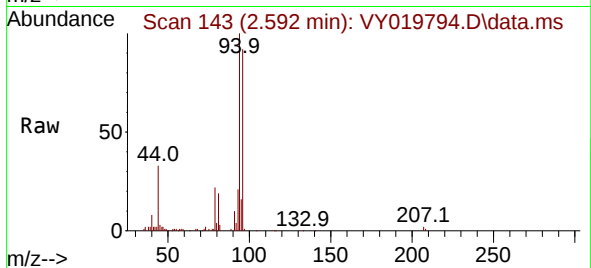




#5
Bromomethane
Concen: 20.410 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

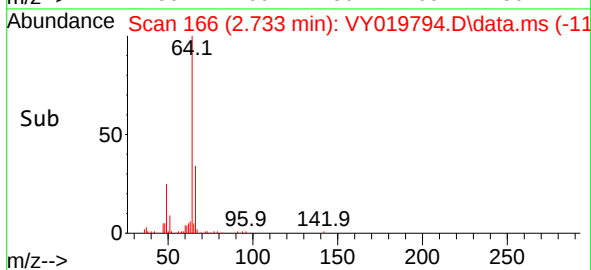
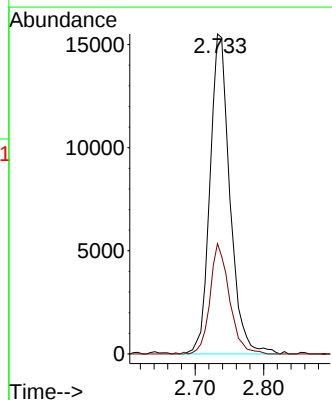
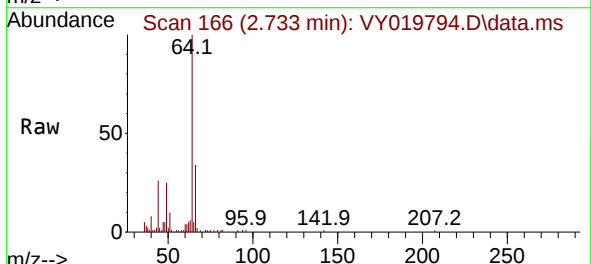
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 30399
Ion Ratio Lower Upper
94 100
96 91.0 74.1 111.1



#6
Chloroethane
Concen: 19.797 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion: 64 Resp: 31381
Ion Ratio Lower Upper
64 100
66 34.5 26.1 39.1

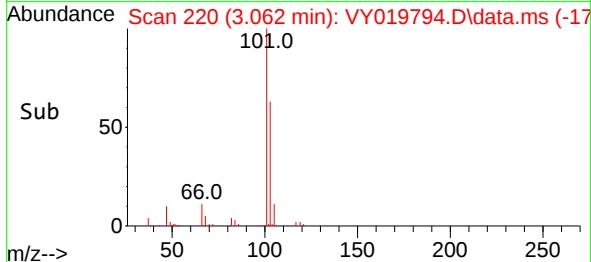
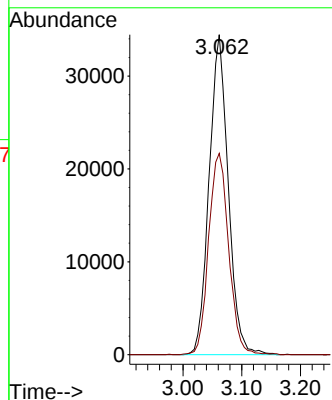
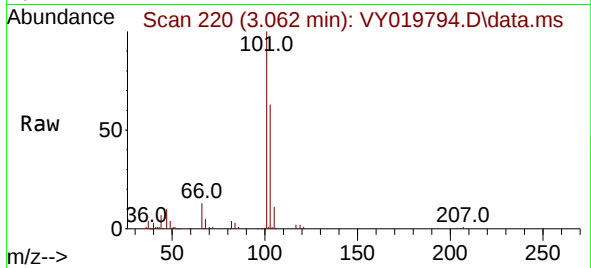




#7
 Trichlorofluoromethane
 Concen: 19.222 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019794.D
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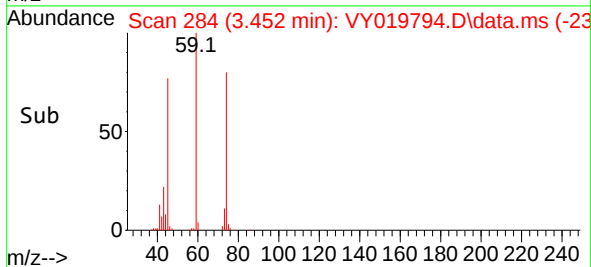
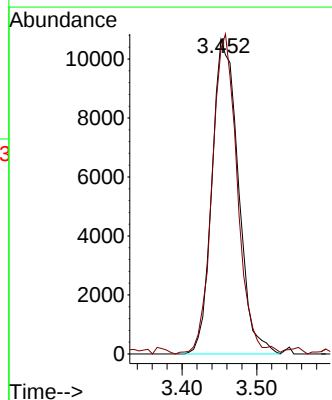
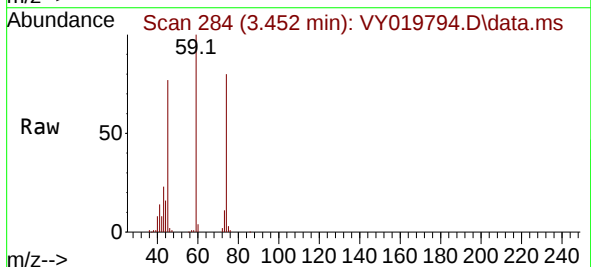
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 77695
 Ion Ratio Lower Upper
 101 100
 103 62.9 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.236 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019794.D
 Acq: 04 Oct 2024 12:48

Tgt Ion: 74 Resp: 26100
 Ion Ratio Lower Upper
 74 100
 45 97.4 41.3 124.1

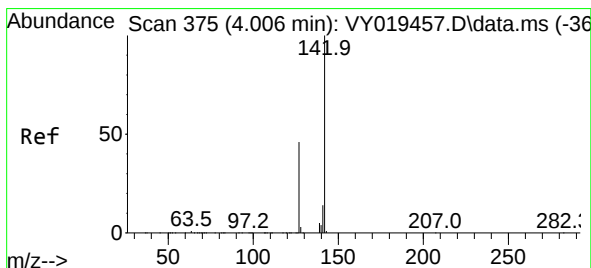
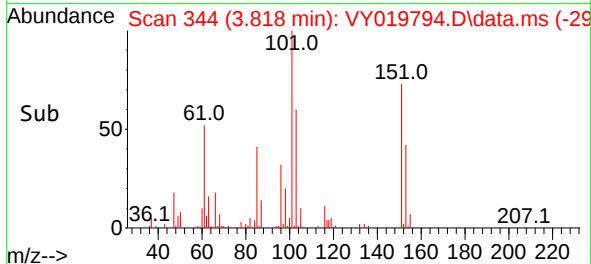
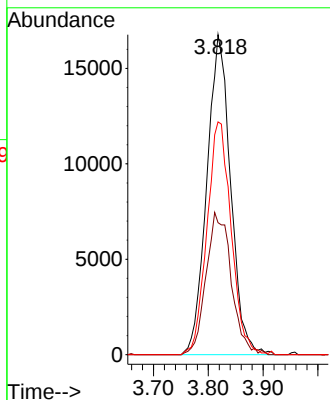
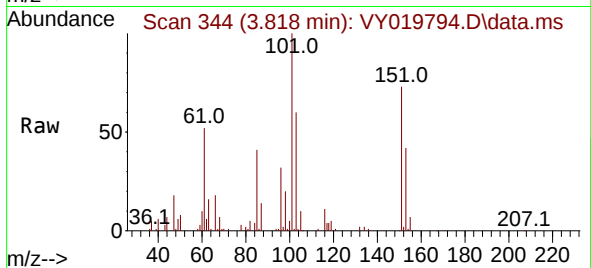




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.193 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.007 min
Lab File: VY019794.D
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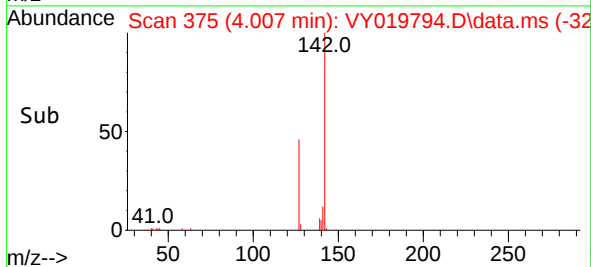
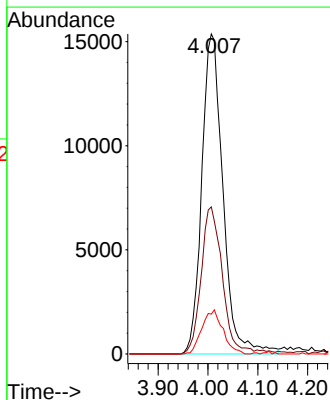
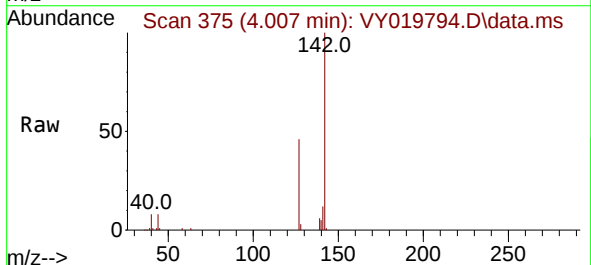
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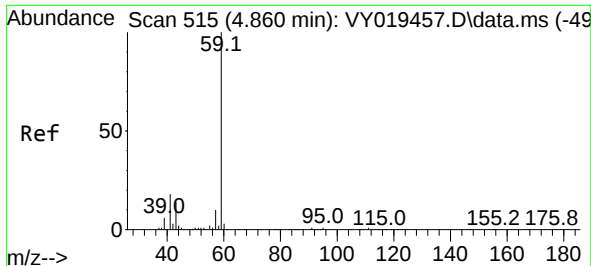
Tgt Ion:101 Resp: 50491
Ion Ratio Lower Upper
101 100
85 47.1 34.5 51.7
151 74.1 61.7 92.5



#10
Methyl Iodide
Concen: 14.147 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion:142 Resp: 45354
Ion Ratio Lower Upper
142 100
127 46.4 32.8 49.2
141 13.6 11.4 17.2

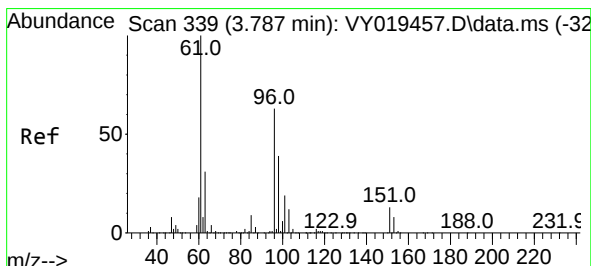
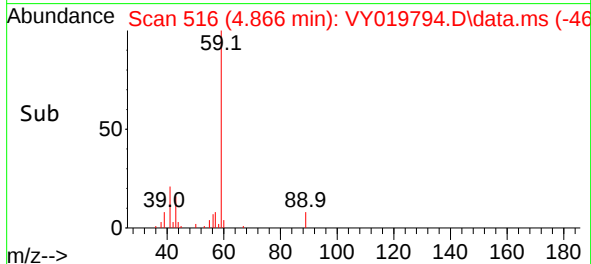
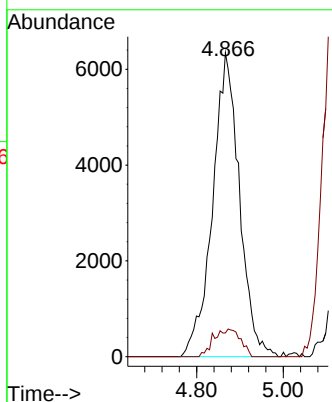
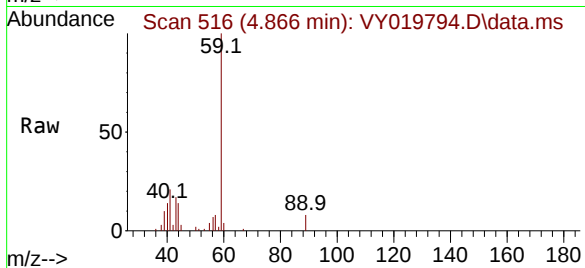




#11
Tert butyl alcohol
Concen: 135.078 ug/l
RT: 4.866 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

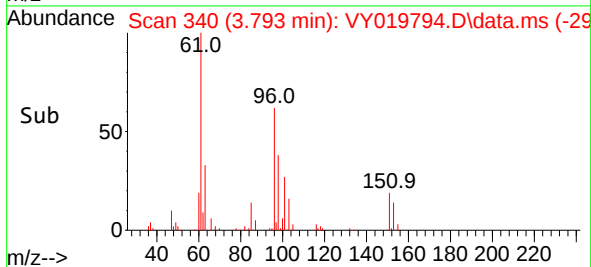
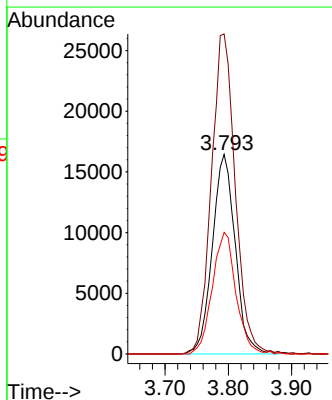
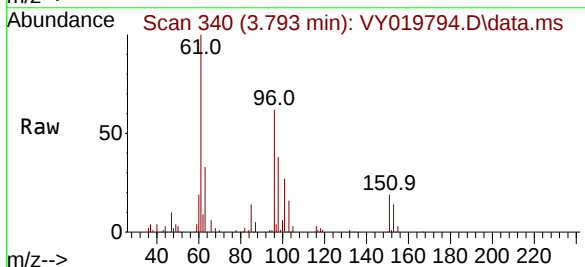
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 27378
Ion Ratio Lower Upper
59 100
57 9.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 17.209 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion: 96 Resp: 41382
Ion Ratio Lower Upper
96 100
61 160.4 114.6 171.8
98 60.9 50.8 76.2





#13

Acrolein

Concen: 87.809 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

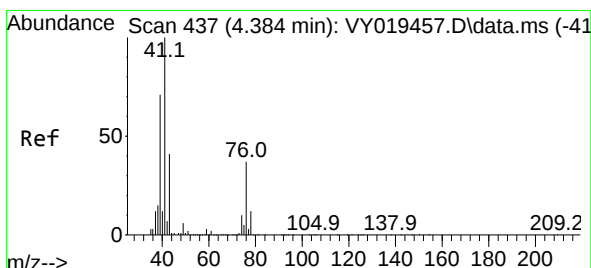
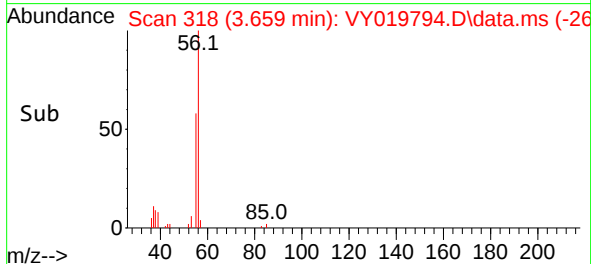
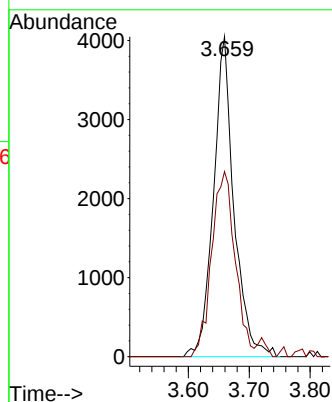
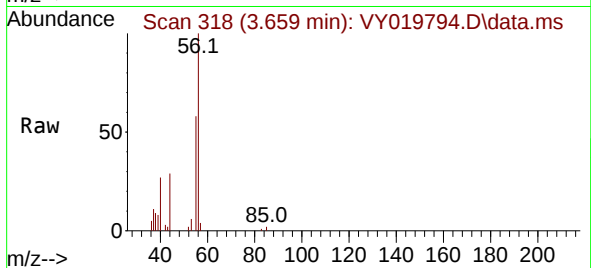
ClientSampleId :

Tgt Ion: 56 Resp: 9475

Ion Ratio Lower Upper

56 100

55 66.1 55.7 83.5



#14

Allyl chloride

Concen: 17.706 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

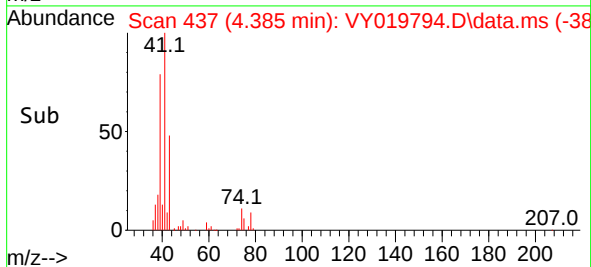
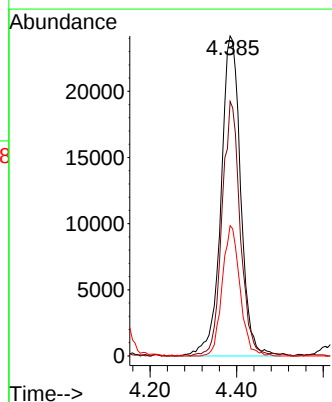
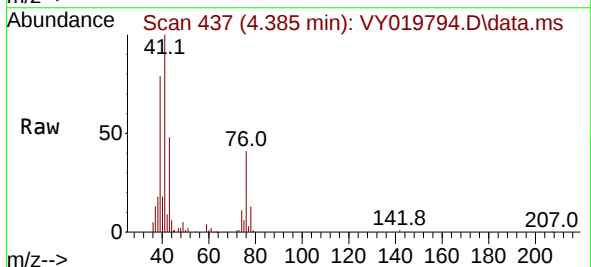
Tgt Ion: 41 Resp: 76353

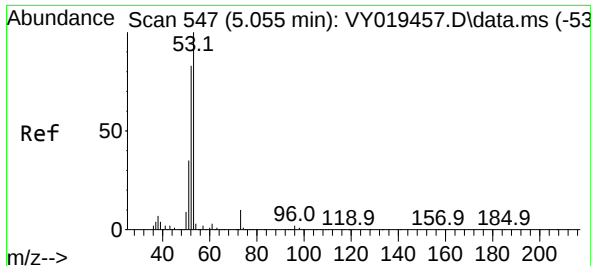
Ion Ratio Lower Upper

41 100

39 73.8 58.3 87.5

76 36.7 39.0 58.6#





#15

Acrylonitrile

Concen: 113.763 ug/l

RT: 5.068 min Scan# 54

Delta R.T. 0.013 min

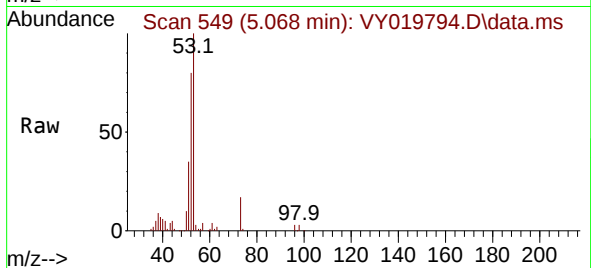
Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

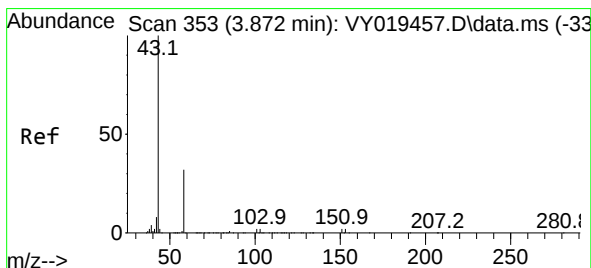
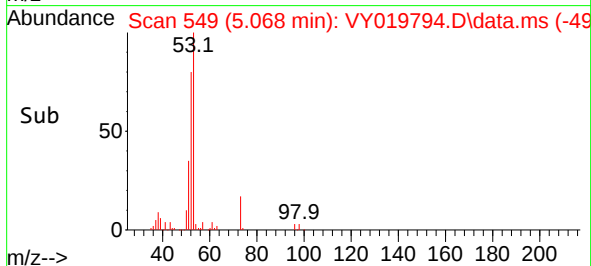
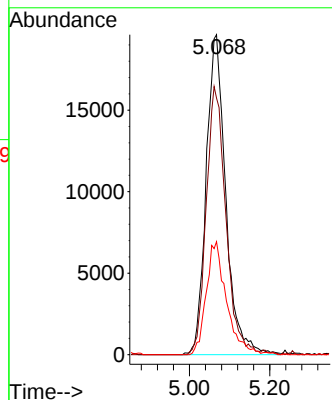
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 53	Resp: 66555
Ion Ratio	Lower Upper
53	100
52	84.0 64.7 97.1
51	36.5 28.4 42.6



#16

Acetone

Concen: 155.777 ug/l

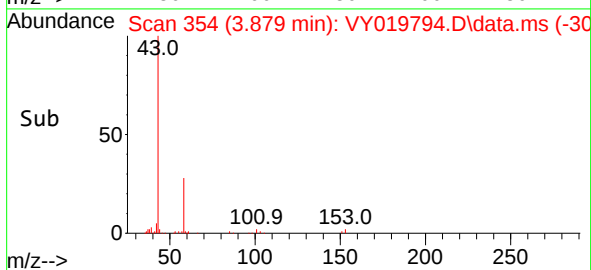
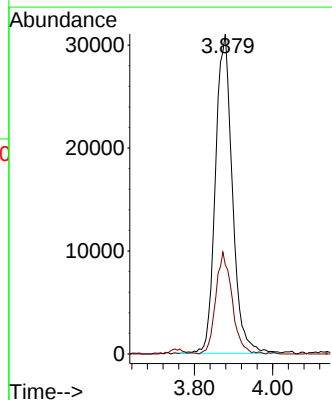
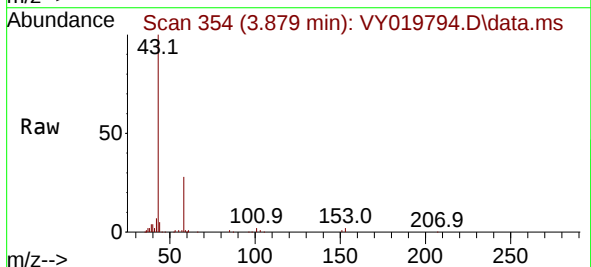
RT: 3.879 min Scan# 354

Delta R.T. 0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Tgt Ion: 43	Resp: 93141
Ion Ratio	Lower Upper
43	100
58	27.8 31.7 47.5#

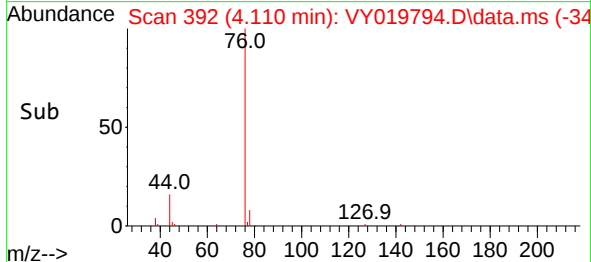
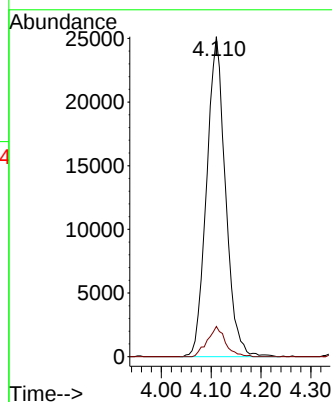
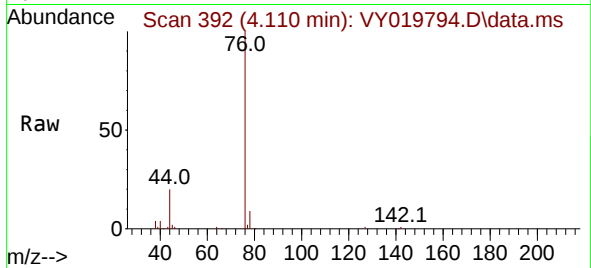




#17
Carbon Disulfide
Concen: 10.163 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

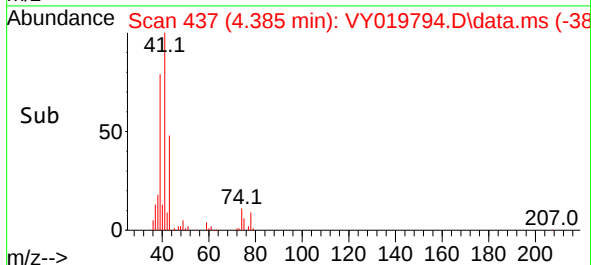
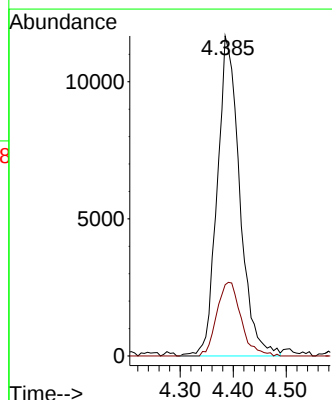
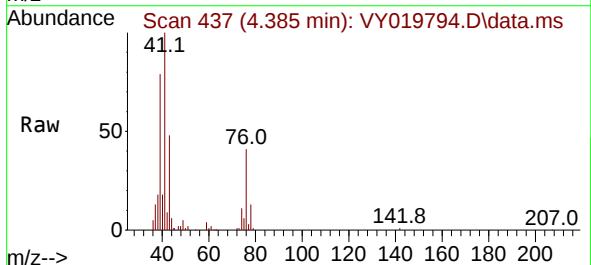
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 66033
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 21.189 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion: 43 Resp: 34381
Ion Ratio Lower Upper
43 100
74 24.8 23.3 34.9

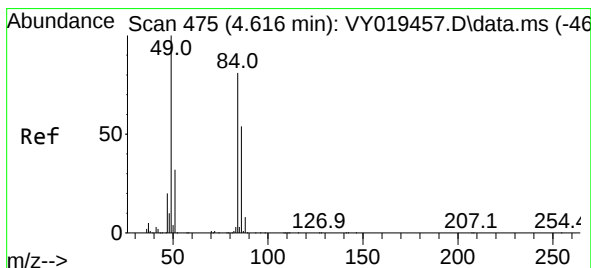
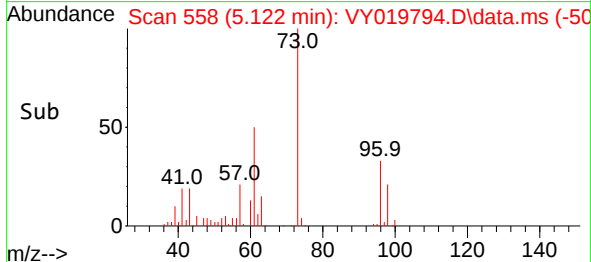
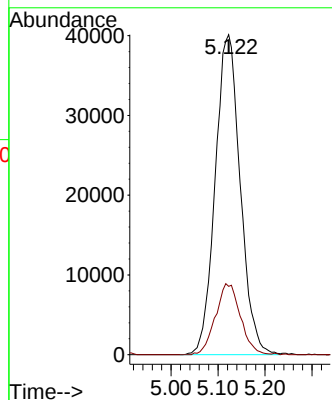
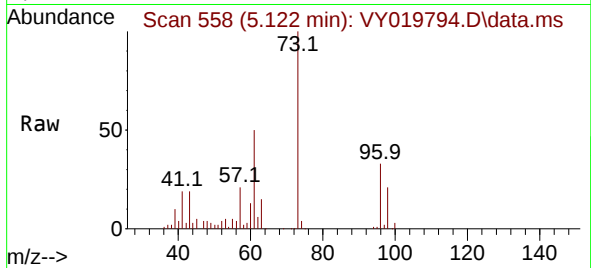




#19
Methyl tert-butyl Ether
Concen: 21.795 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

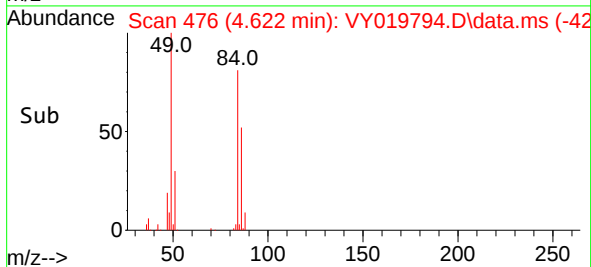
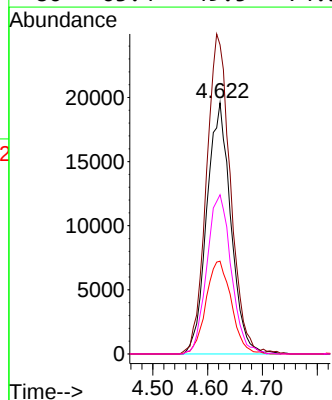
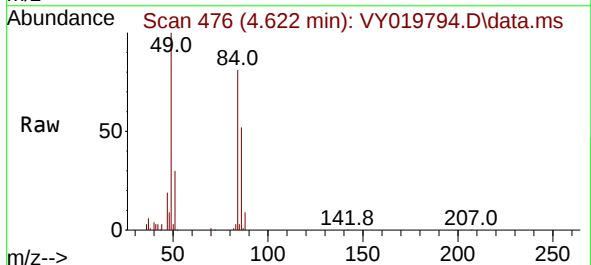
Instrument :
MSVOA_Y
ClientSampleId :

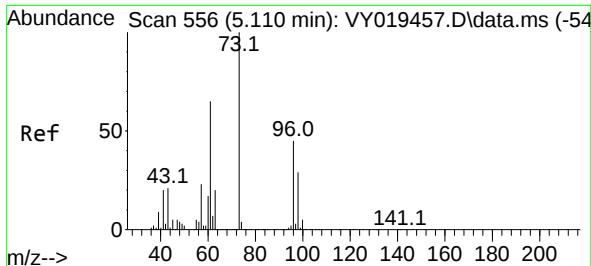
Tgt Ion: 73 Resp: 148436
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 21.853 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

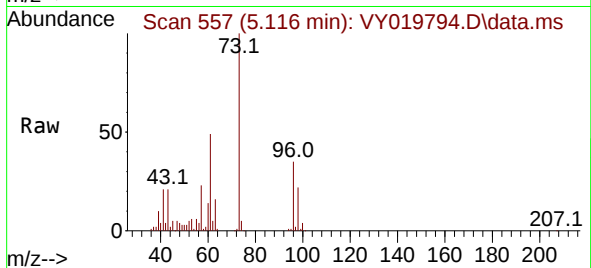
Tgt Ion: 84 Resp: 59588
Ion Ratio Lower Upper
84 100
49 123.1 84.4 126.6
51 36.9 26.0 39.0
86 63.4 49.5 74.3



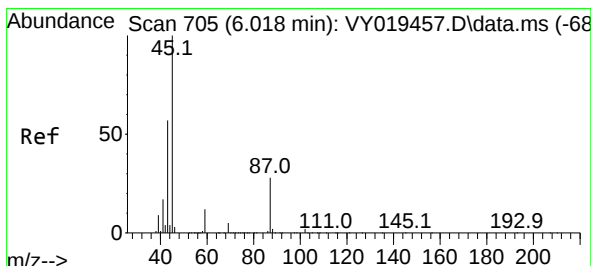
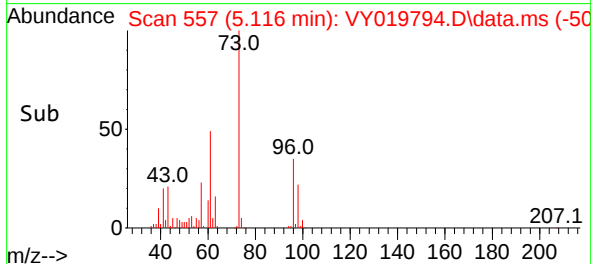
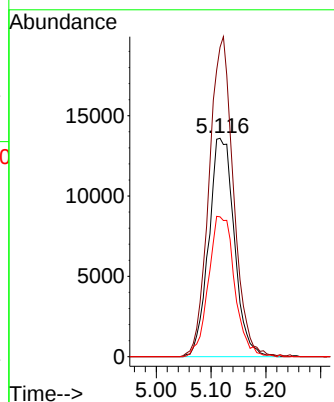


#21
trans-1,2-Dichloroethene
Concen: 16.693 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Instrument :
MSVOA_Y
ClientSampleId :

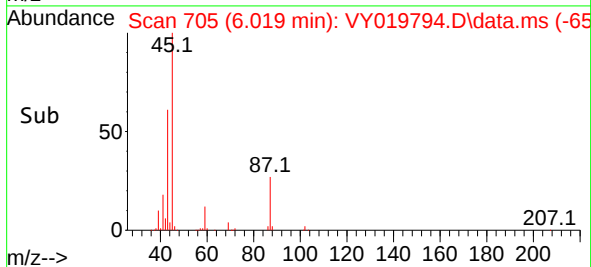
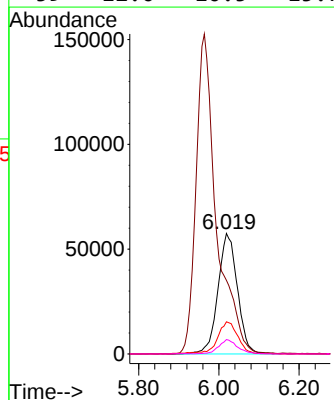
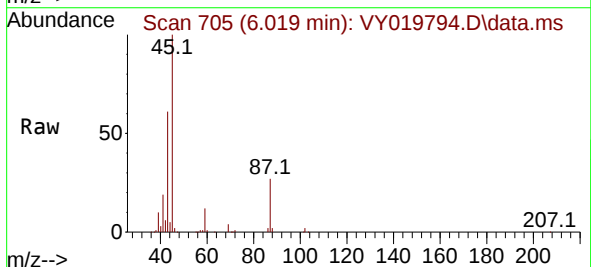


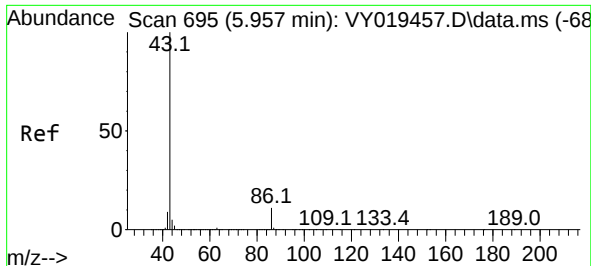
Tgt Ion: 96 Resp: 44000
Ion Ratio Lower Upper
96 100
61 141.7 97.5 146.3
98 64.0 50.5 75.7



#22
Diisopropyl ether
Concen: 21.849 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion: 45 Resp: 193484
Ion Ratio Lower Upper
45 100
43 60.6 42.2 63.2
87 26.8 25.0 37.6
59 12.0 10.5 15.7





#23

Vinyl Acetate

Concen: 106.396 ug/l

RT: 5.964 min Scan# 695

Delta R.T. 0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

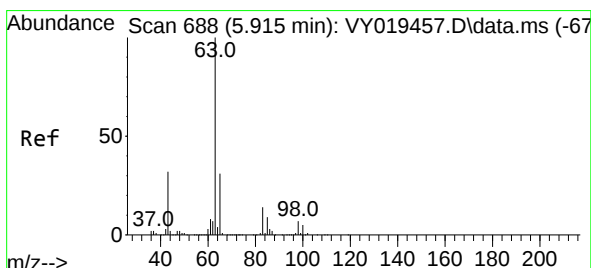
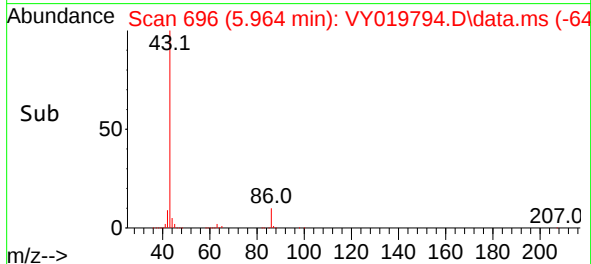
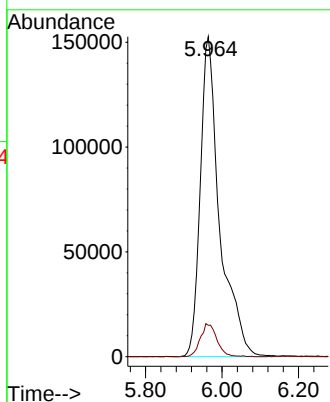
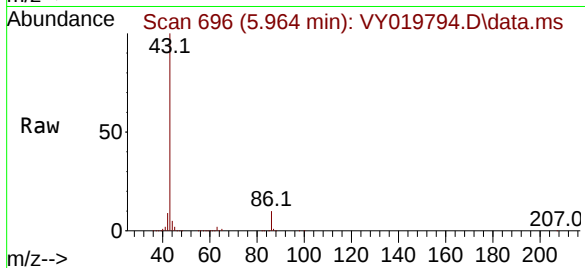
ClientSampleId :

Tgt Ion: 43 Resp: 538168

Ion Ratio Lower Upper

43 100

86 9.8 10.6 16.0#



#24

1,1-Dichloroethane

Concen: 20.908 ug/l

RT: 5.921 min Scan# 689

Delta R.T. 0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

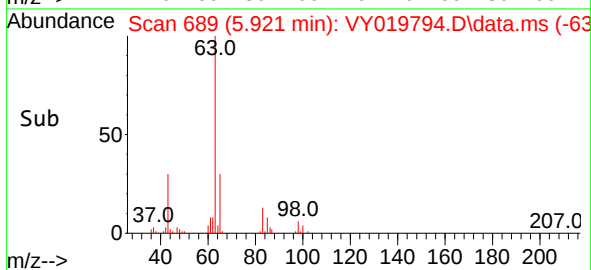
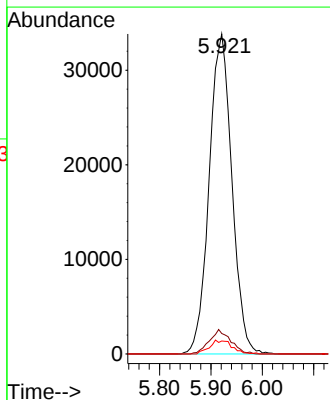
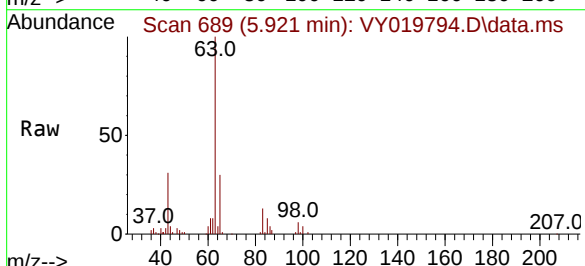
Tgt Ion: 63 Resp: 103895

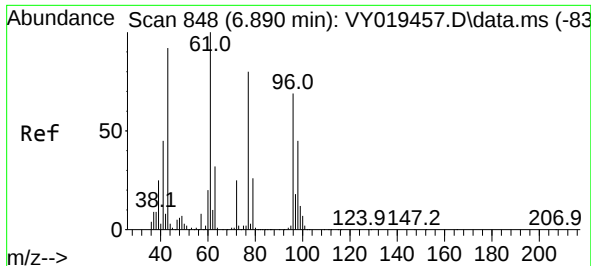
Ion Ratio Lower Upper

63 100

98 6.4 4.0 12.2

100 4.1 2.6 8.0

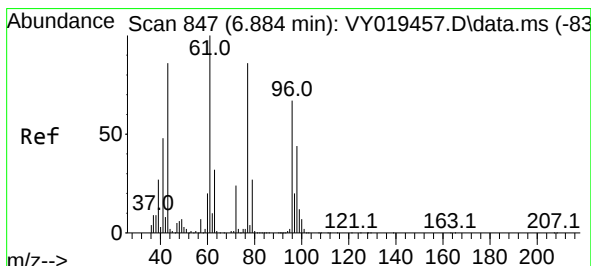
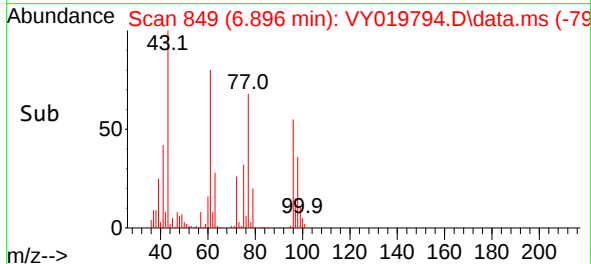
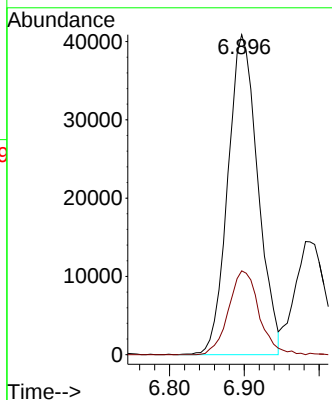
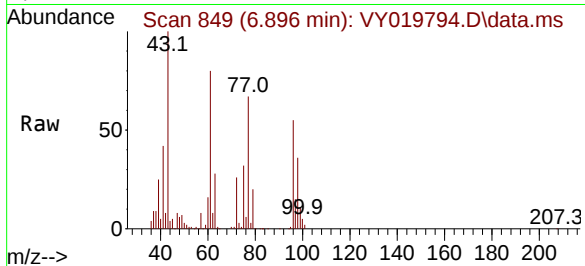




#25
2-Butanone
Concen: 134.039 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

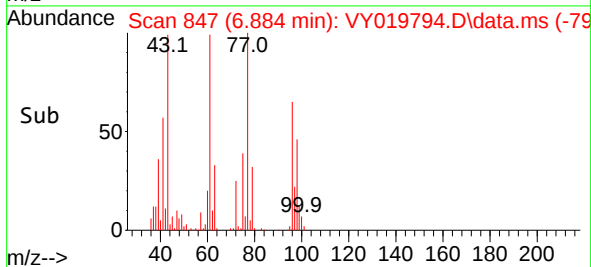
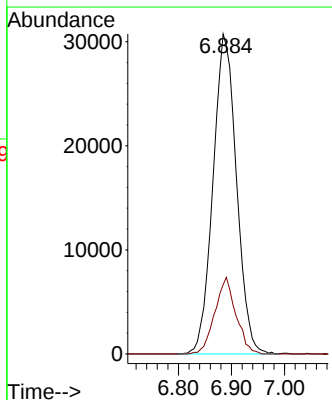
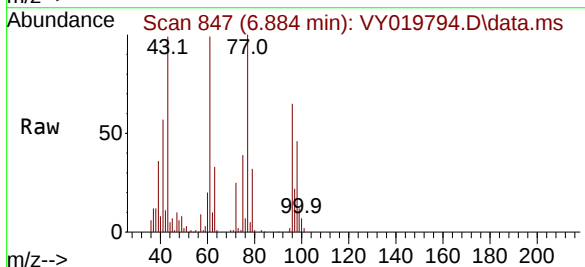
Instrument :
MSVOA_Y
ClientSampleId :

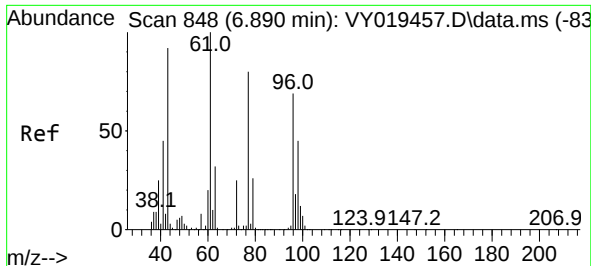
Tgt Ion: 43 Resp: 113984
Ion Ratio Lower Upper
43 100
72 26.2 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 21.064 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion: 77 Resp: 94416
Ion Ratio Lower Upper
77 100
97 21.6 12.0 36.1

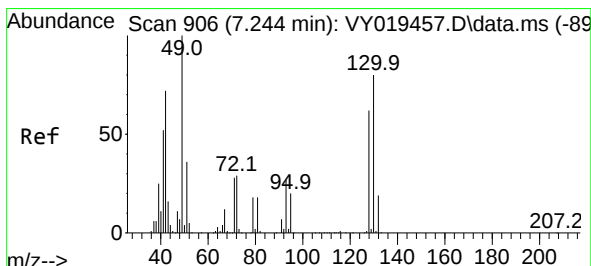
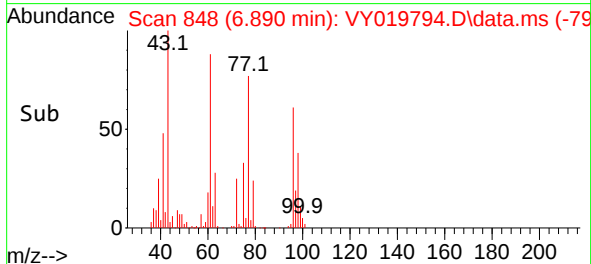
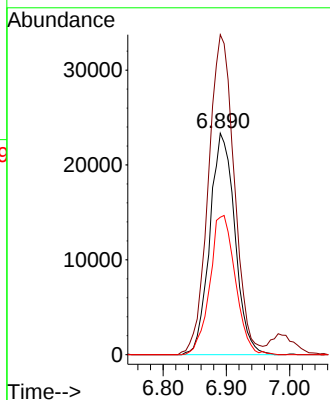
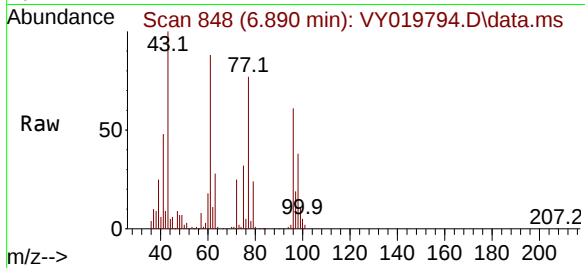




#27
 cis-1,2-Dichloroethene
 Concen: 20.045 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019794.D
 Acq: 04 Oct 2024 12:48

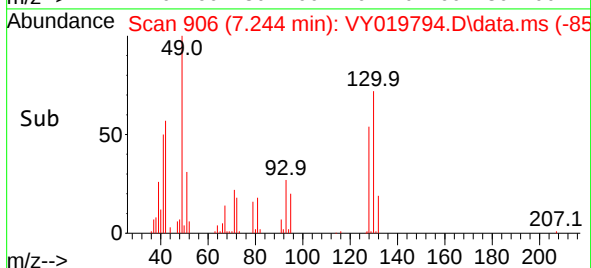
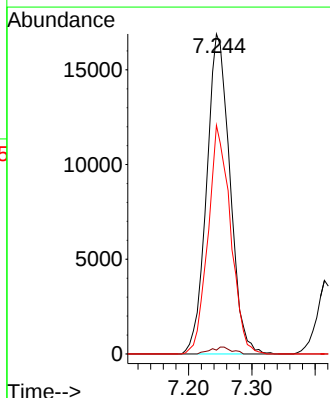
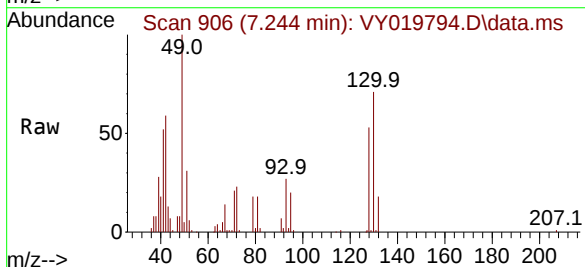
Instrument :
 MSVOA_Y
 ClientSampleId :

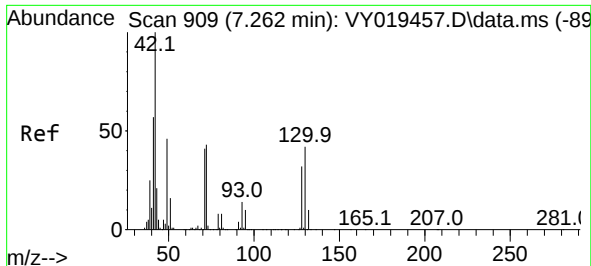
Tgt Ion: 96 Resp: 64177
 Ion Ratio Lower Upper
 96 100
 61 149.6 0.0 256.2
 98 63.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 20.641 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019794.D
 Acq: 04 Oct 2024 12:48

Tgt Ion: 49 Resp: 43157
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 69.1 72.7 109.1#





#29

Tetrahydrofuran

Concen: 109.335 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

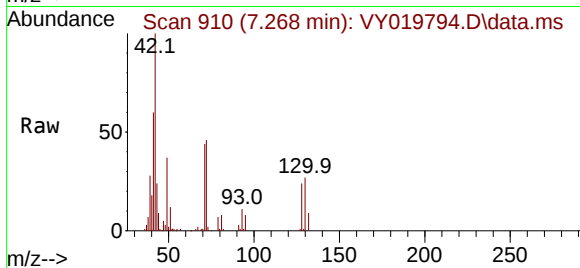
Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

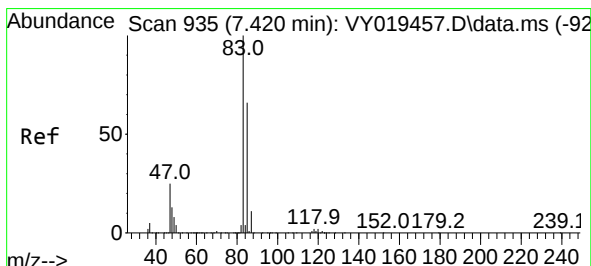
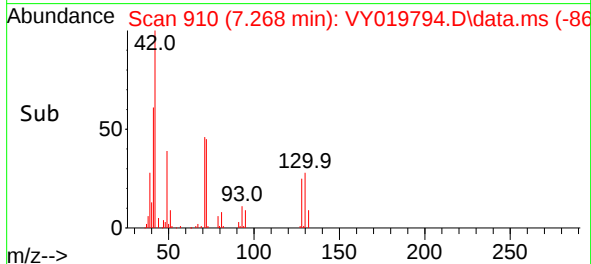
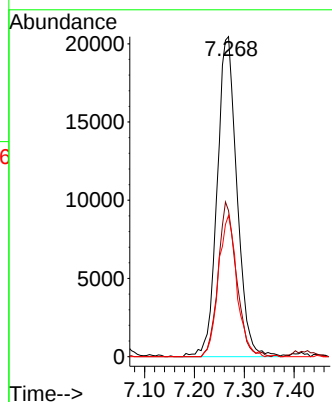
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	56531
Ion	Ratio	Lower	Upper
42	100		
72	44.6	43.0	64.4
71	41.4	40.8	61.2



#30

Chloroform

Concen: 22.386 ug/l

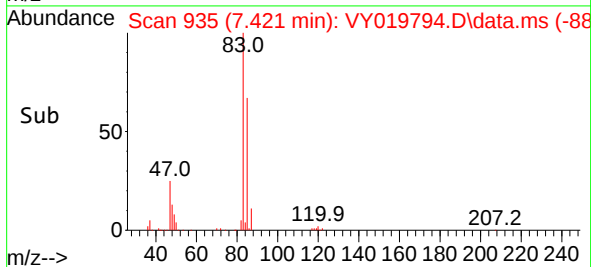
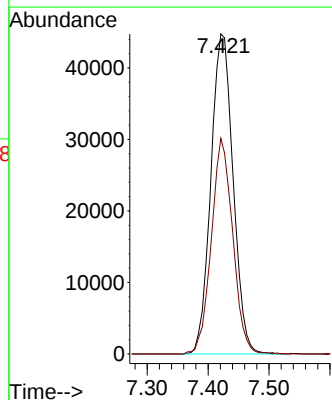
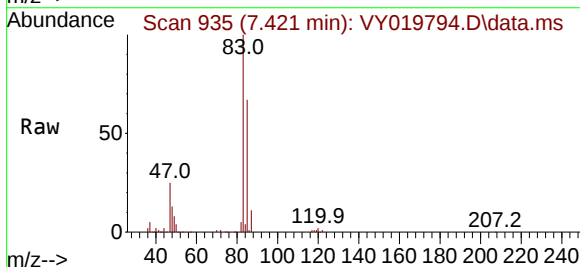
RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

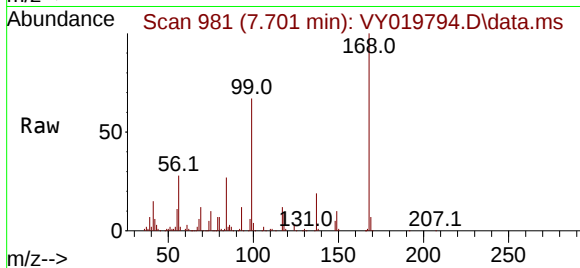
Tgt Ion:	83	Resp:	113560
Ion	Ratio	Lower	Upper
83	100		
85	67.3	52.2	78.4



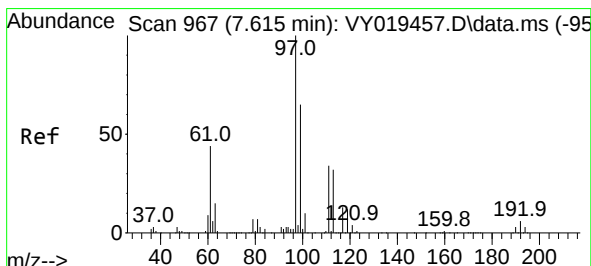
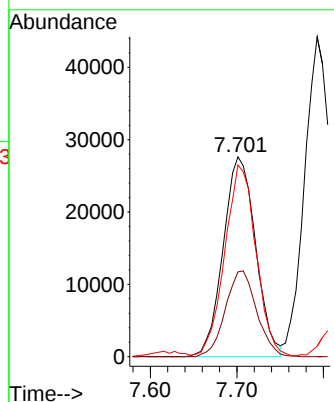
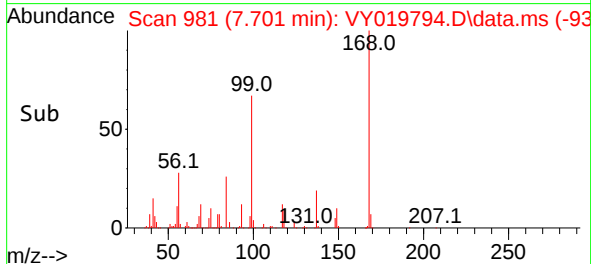


#31
Cyclohexane
Concen: 16.005 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Instrument :
MSVOA_Y
ClientSampleId :

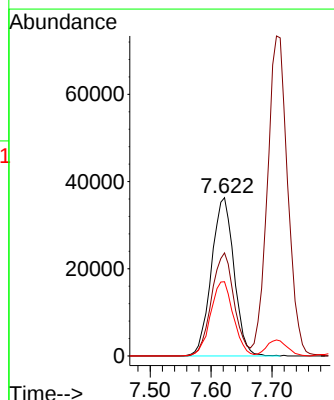
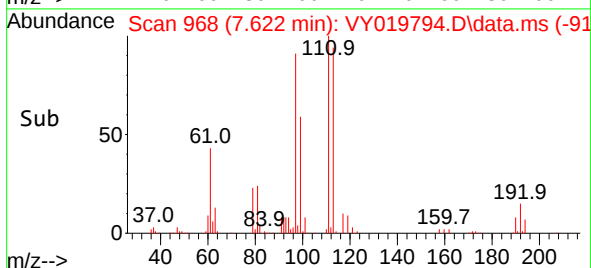
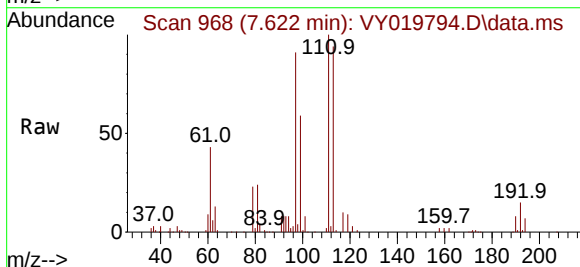


Tgt Ion: 56 Resp: 71889
Ion Ratio Lower Upper
56 100
69 42.5 28.7 43.1
84 94.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.583 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion: 97 Resp: 93588
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 47.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 55.346 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

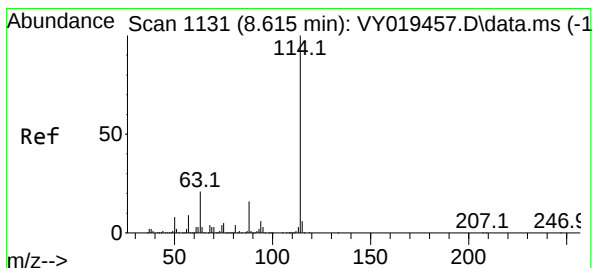
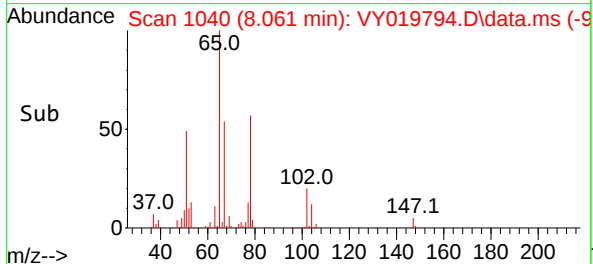
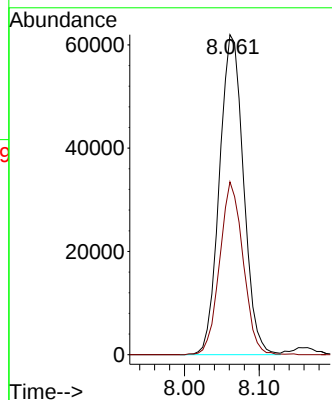
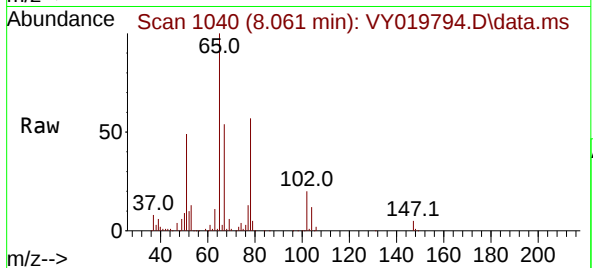
ClientSampleId :

Tgt Ion: 65 Resp: 138905

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

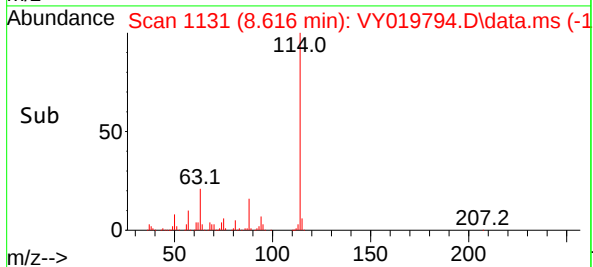
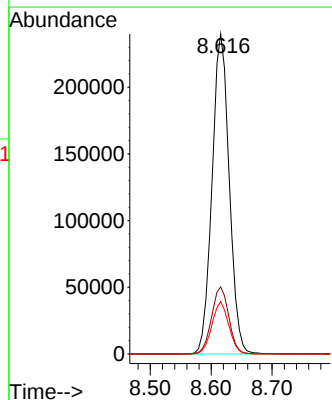
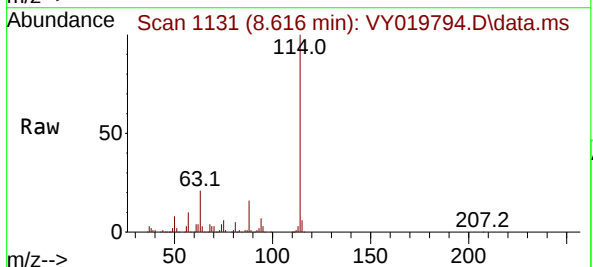
Tgt Ion: 114 Resp: 469201

Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

88 16.4 0.0 27.2

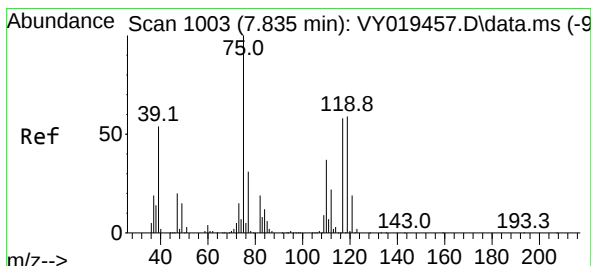
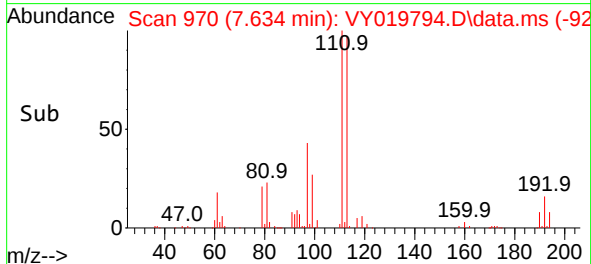
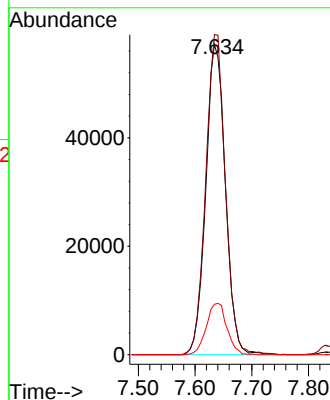
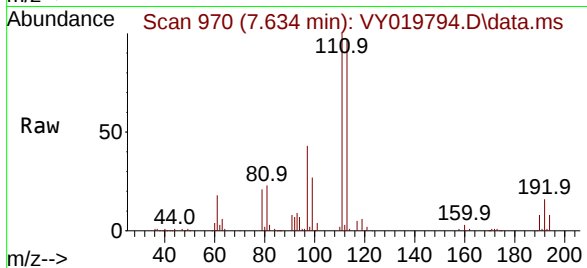




#35
Dibromofluoromethane
Concen: 51.651 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

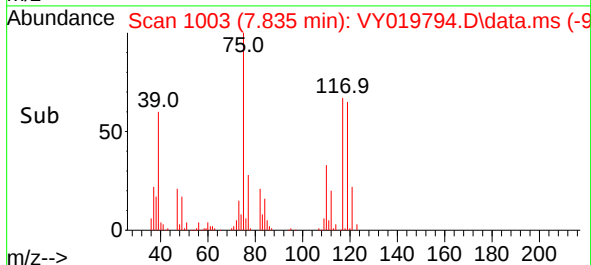
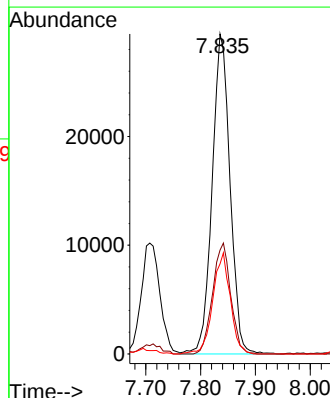
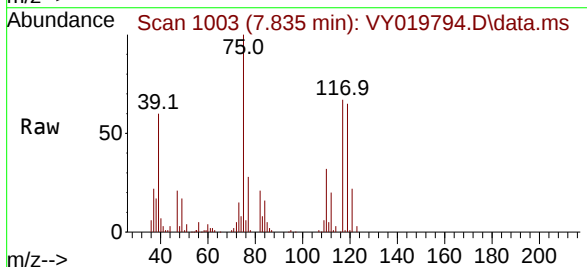
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 137406
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 17.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.413 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion: 75 Resp: 66654
Ion Ratio Lower Upper
75 100
110 35.0 19.0 57.0
77 31.0 25.3 37.9

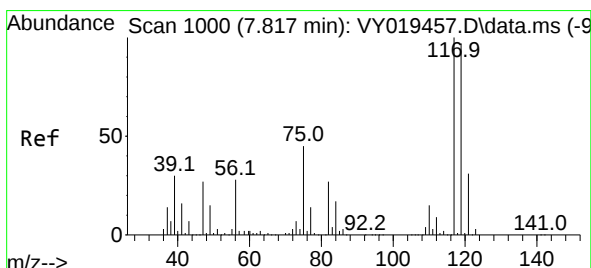
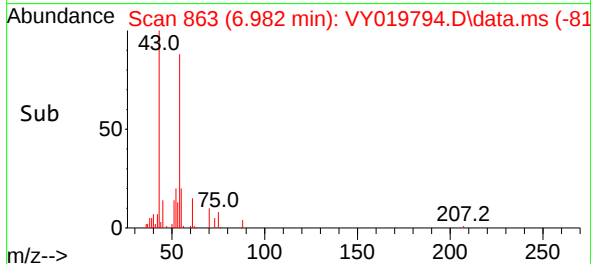
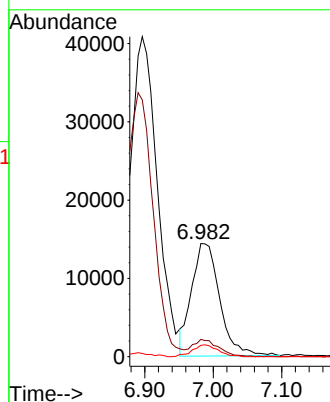
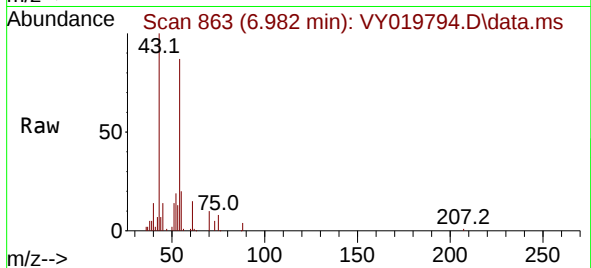




#37
Ethyl Acetate
Concen: 22.223 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

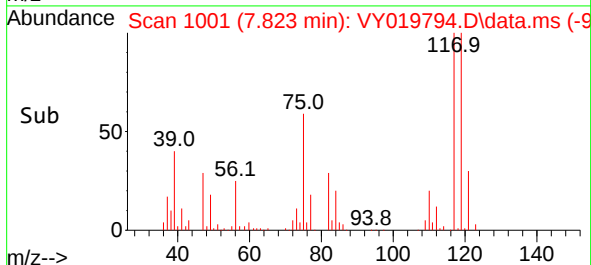
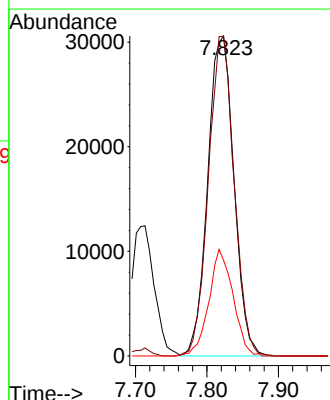
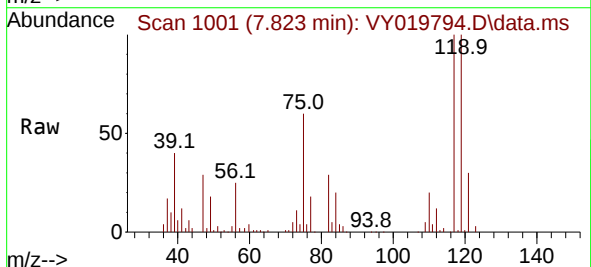
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 41217
Ion Ratio Lower Upper
43 100
61 14.3 12.6 19.0
70 9.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.075 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion: 117 Resp: 77866
Ion Ratio Lower Upper
117 100
119 99.9 75.8 113.6
121 29.9 24.0 36.0





#39

Methylcyclohexane

Concen: 15.602 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

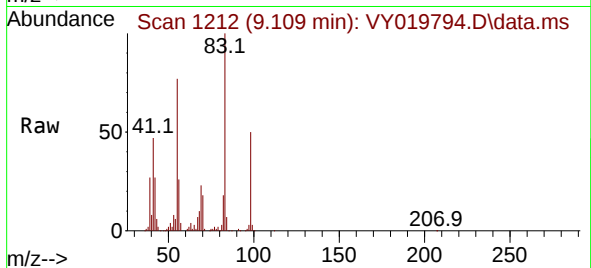
Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

ClientSampleId :



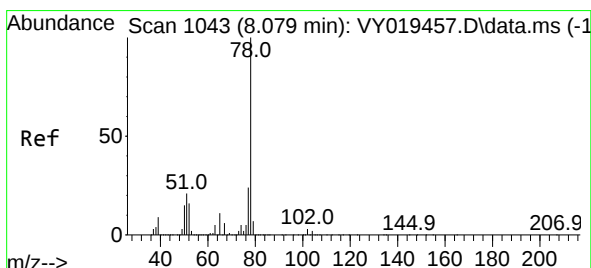
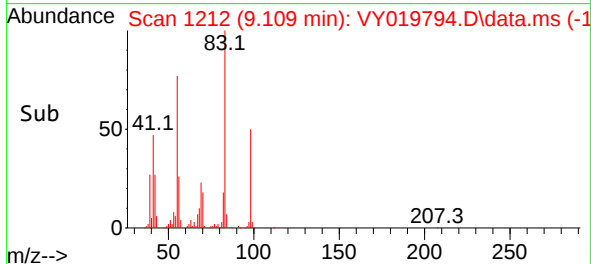
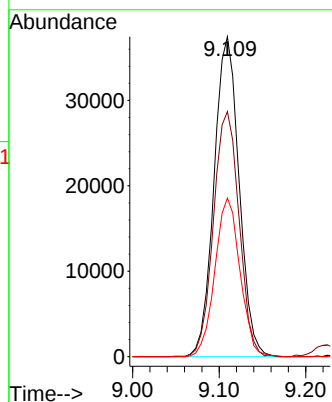
Tgt Ion: 83 Resp: 75157

Ion Ratio Lower Upper

83 100

55 76.6 51.5 77.3

98 49.6 40.5 60.7



#40

Benzene

Concen: 18.858 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019794.D

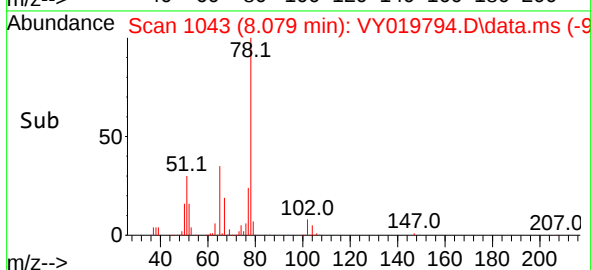
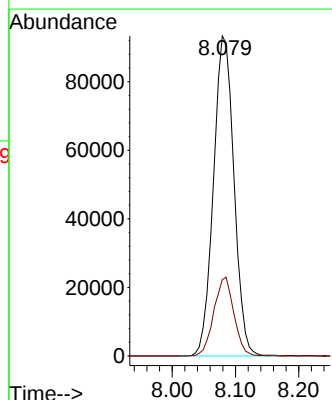
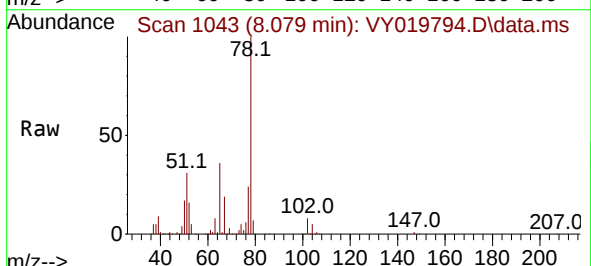
Acq: 04 Oct 2024 12:48

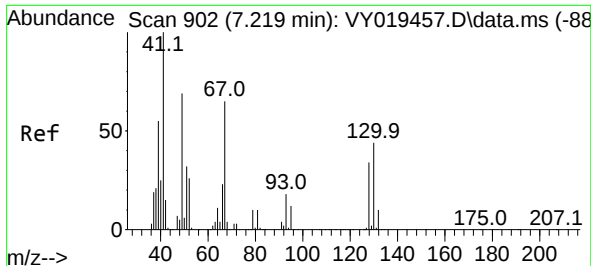
Tgt Ion: 78 Resp: 210256

Ion Ratio Lower Upper

78 100

77 23.9 19.5 29.3

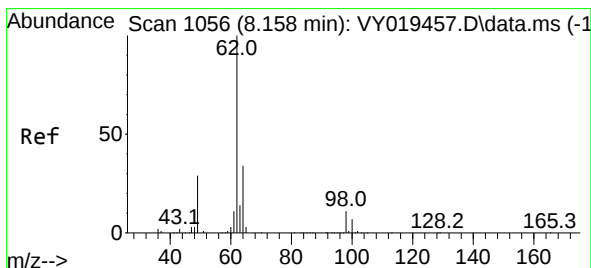
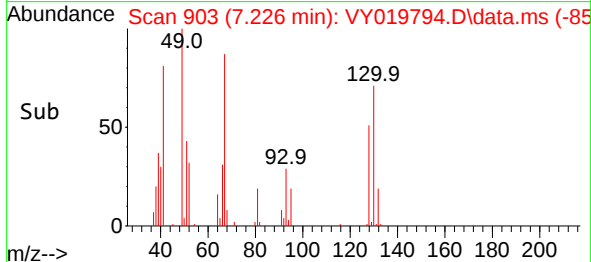
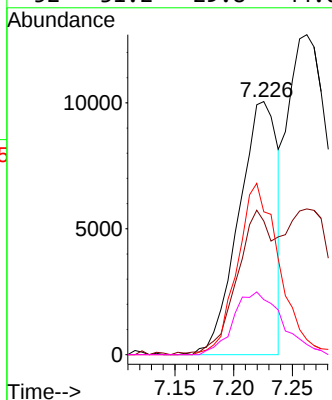
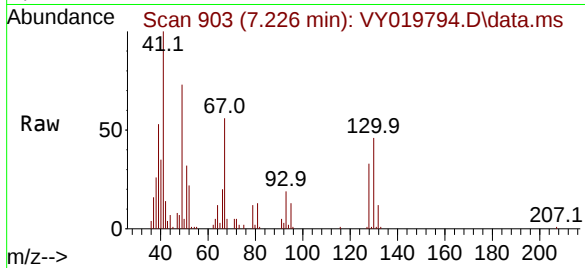




#41
Methacrylonitrile
Concen: 21.334 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

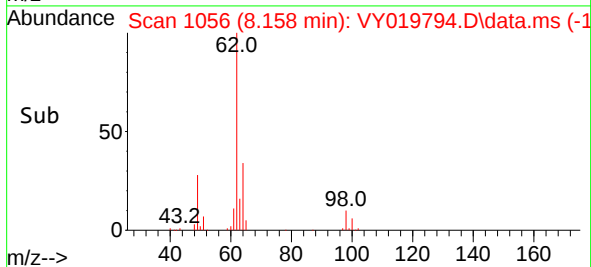
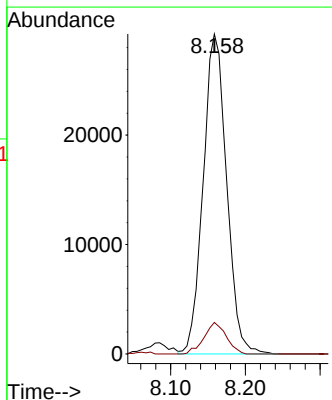
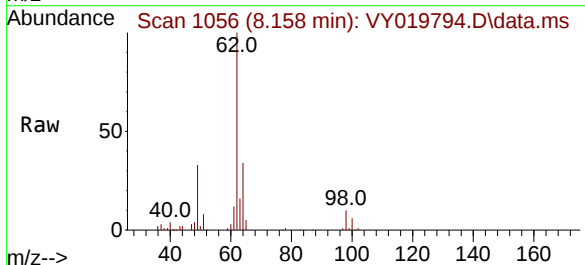
Instrument :
MSVOA_Y
ClientSampleId :

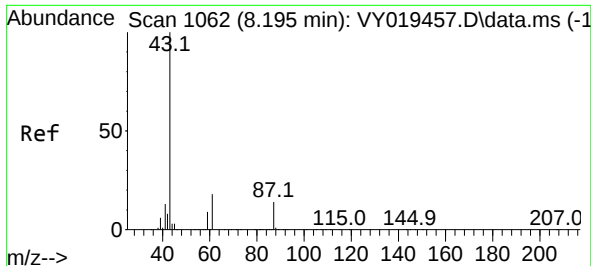
Tgt Ion: 41	Resp: 23066
Ion Ratio	Lower Upper
41	100
39	49.5 48.0 72.0
67	73.6 75.1 112.7#
52	31.2 29.8 44.6



#42
1,2-Dichloroethane
Concen: 21.258 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion: 62	Resp: 63778
Ion Ratio	Lower Upper
62	100
98	9.3 0.0 22.0





#43

Isopropyl Acetate

Concen: 22.125 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.007 min

Lab File: VY019794.D

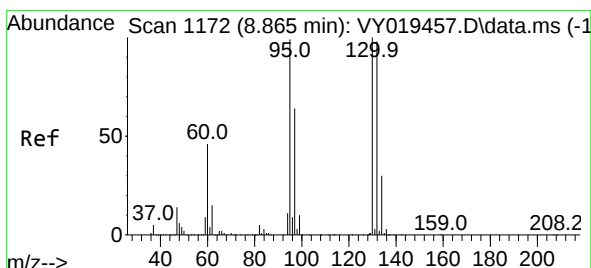
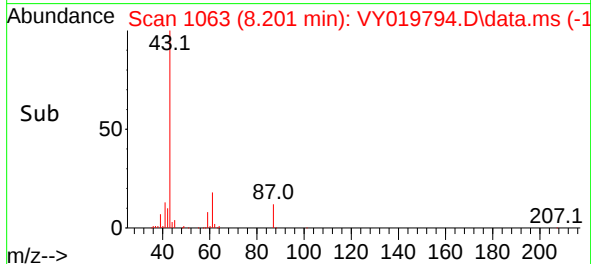
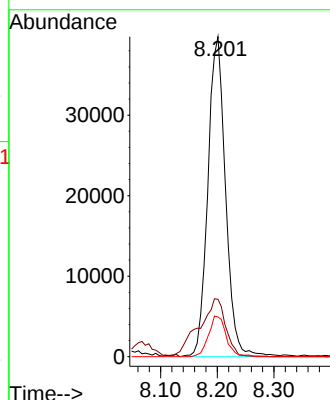
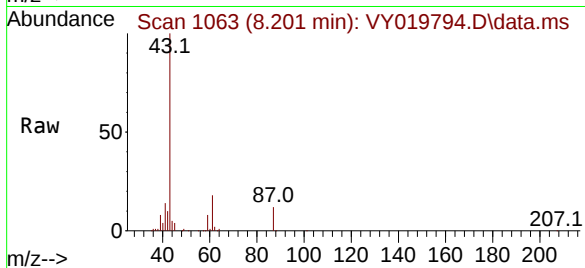
Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 86214
Ion Ratio	Lower Upper
43	100
61	26.9 27.9 41.9#
87	12.7 13.1 19.7#



#44

Trichloroethene

Concen: 18.305 ug/l

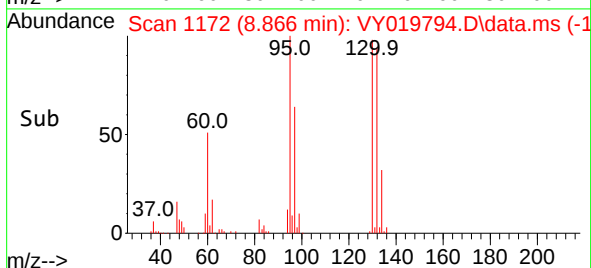
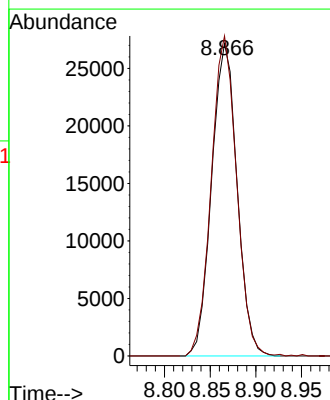
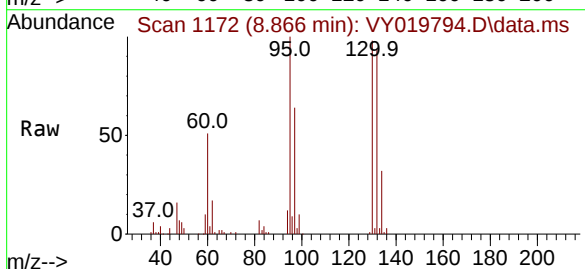
RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Tgt Ion: 130	Resp: 52488
Ion Ratio	Lower Upper
130	100
95	102.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.689 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

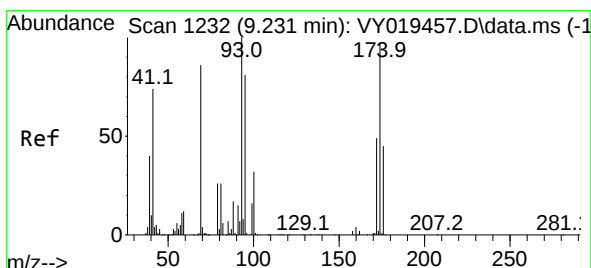
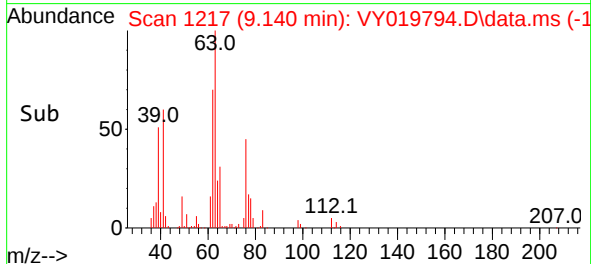
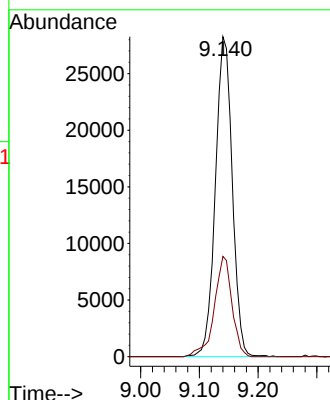
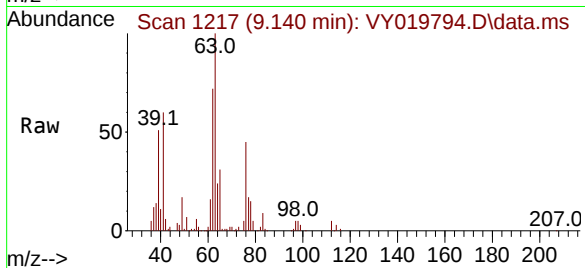
ClientSampleId :

Tgt Ion: 63 Resp: 56394

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.2



#46

Dibromomethane

Concen: 20.801 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

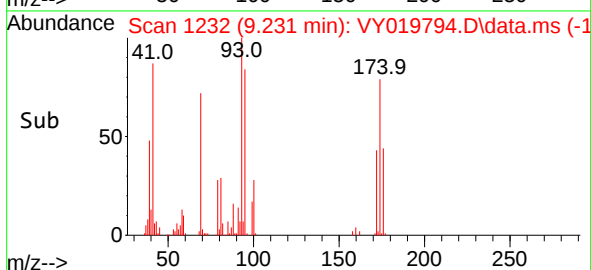
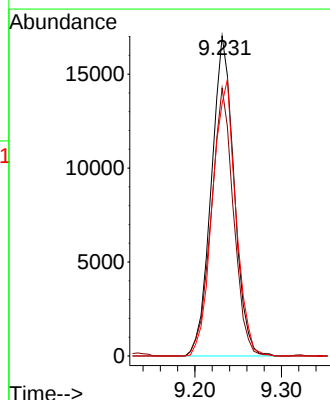
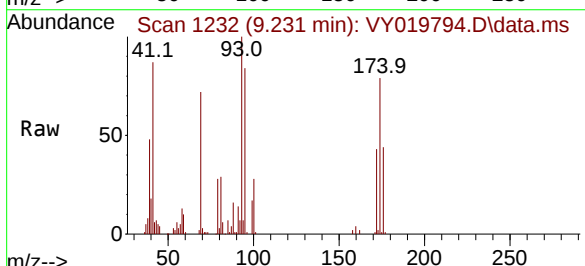
Tgt Ion: 93 Resp: 31005

Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.4

174 88.6 80.9 121.3

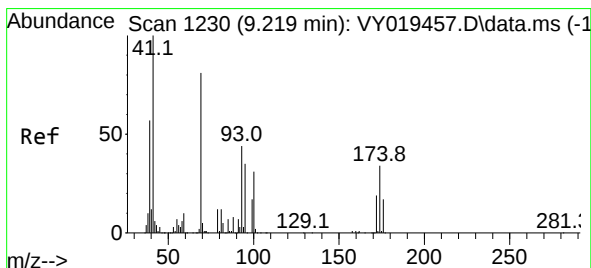
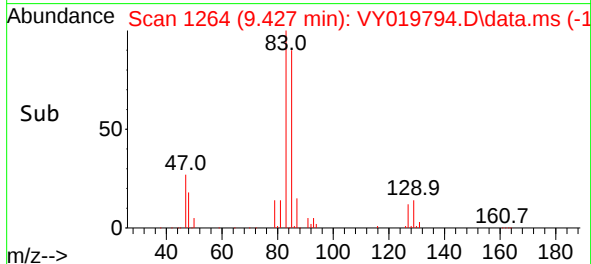
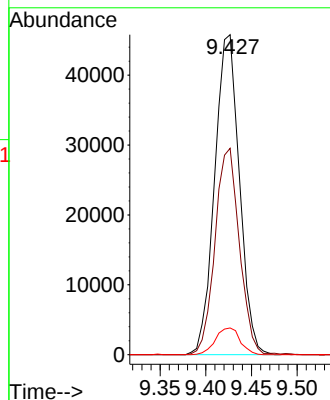
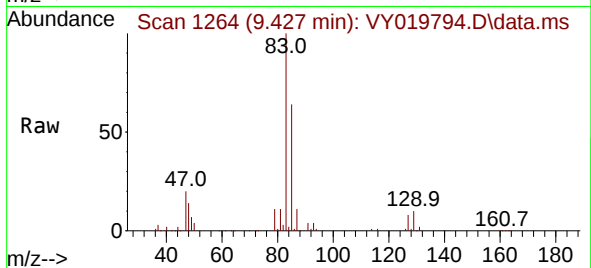




#47
Bromodichloromethane
Concen: 21.512 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

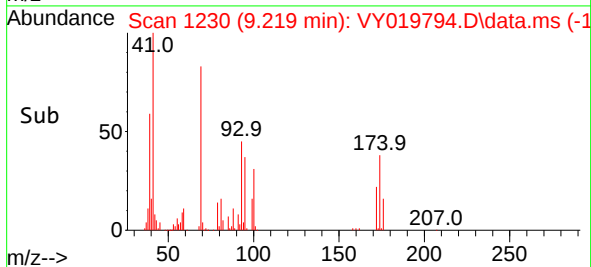
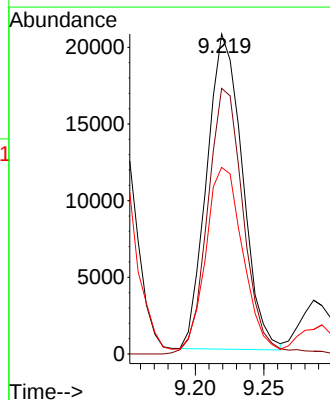
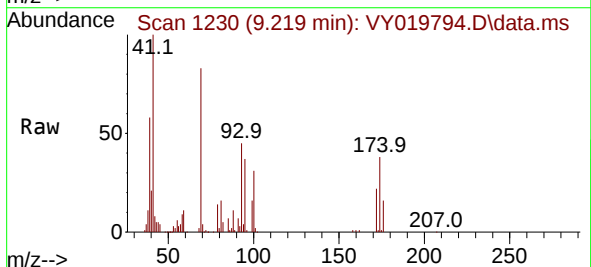
Instrument :
MSVOA_Y
ClientSampleId :

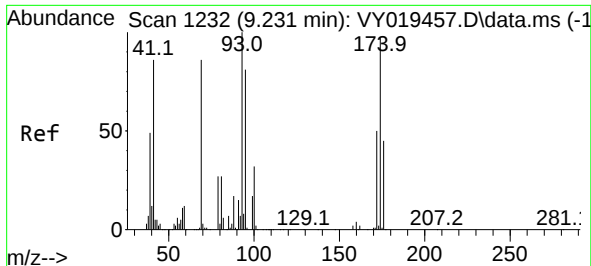
Tgt Ion: 83 Resp: 86195
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 20.194 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion: 41 Resp: 37160
Ion Ratio Lower Upper
41 100
69 84.6 84.1 126.1
39 61.7 43.6 65.4





#49

1,4-Dioxane

Concen: 424.393 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

ClientSampleId :

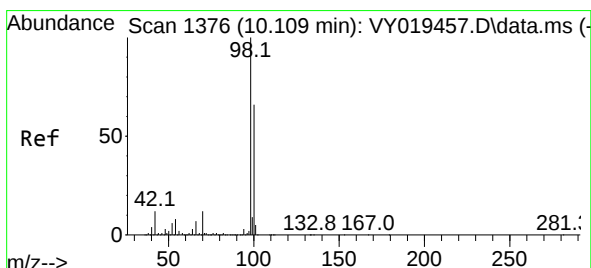
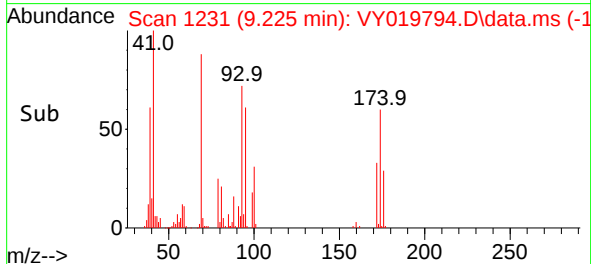
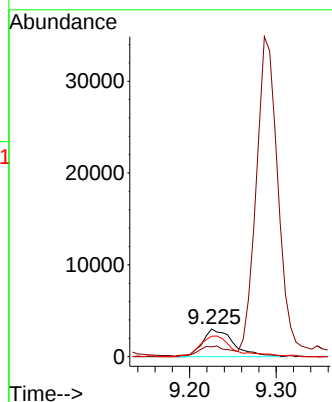
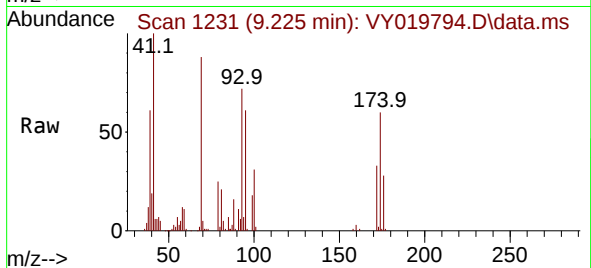
Tgt Ion: 88 Resp: 7447

Ion Ratio Lower Upper

88 100

43 32.9 0.0 0.0#

58 80.0 49.3 73.9#



#50

Toluene-d8

Concen: 48.940 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019794.D

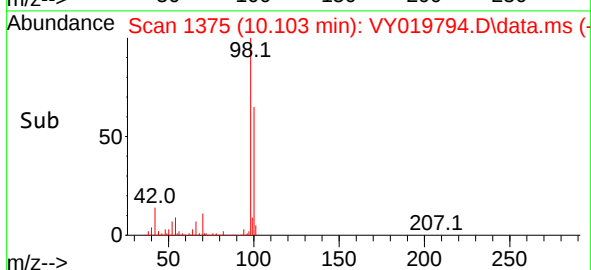
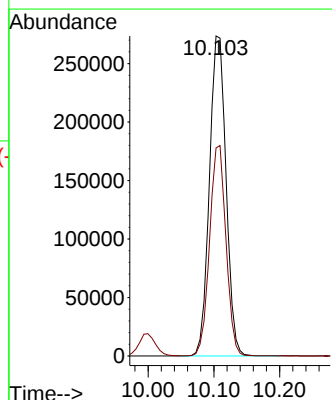
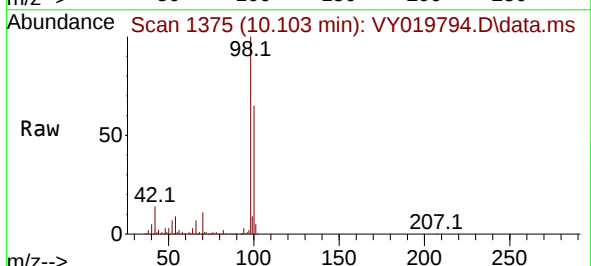
Acq: 04 Oct 2024 12:48

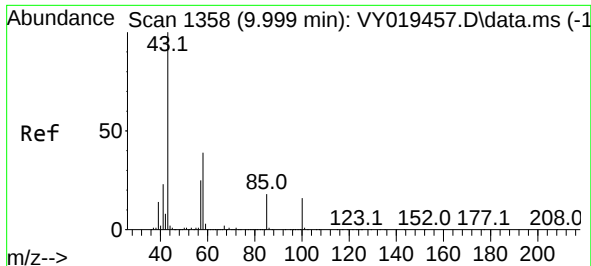
Tgt Ion: 98 Resp: 481561

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 113.462 ug/l

RT: 10.000 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

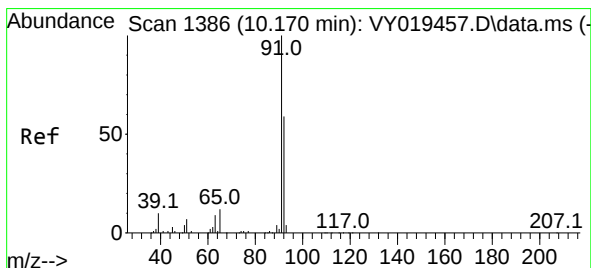
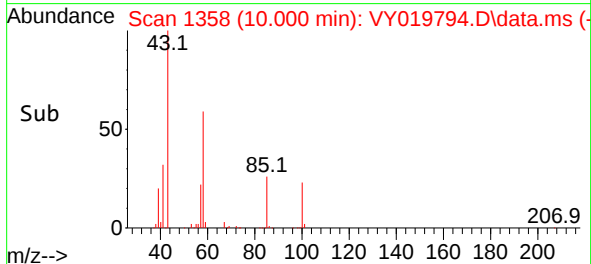
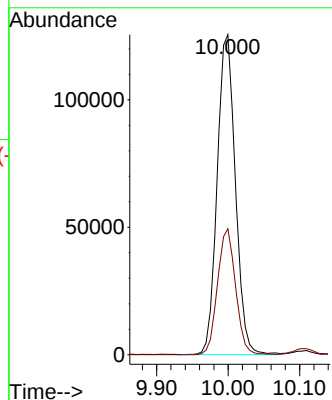
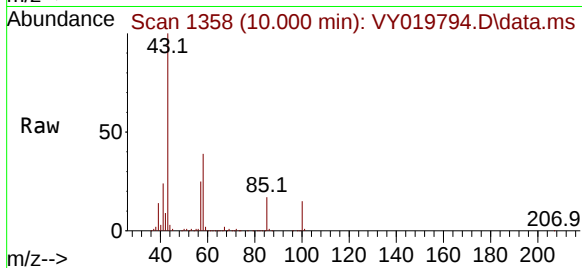
ClientSampleId :

Tgt Ion: 43 Resp: 222429

Ion Ratio Lower Upper

43 100

58 38.9 35.7 53.5



#52

Toluene

Concen: 19.029 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019794.D

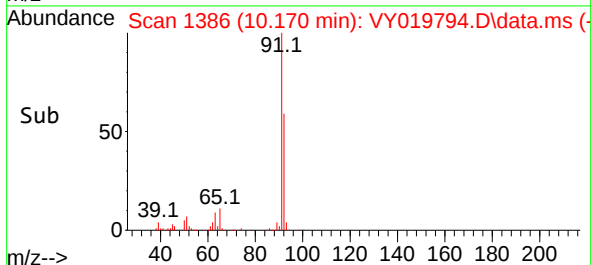
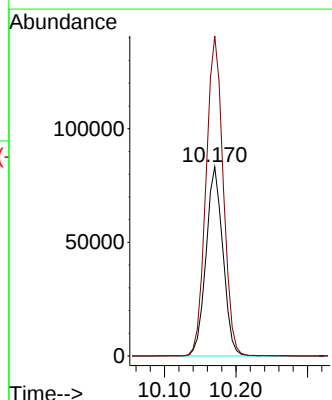
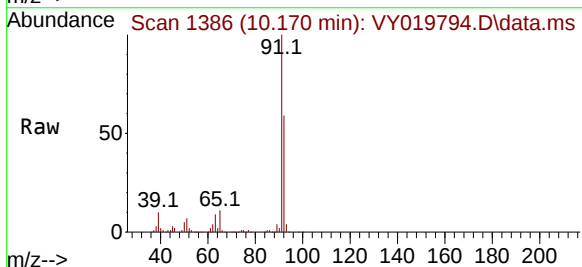
Acq: 04 Oct 2024 12:48

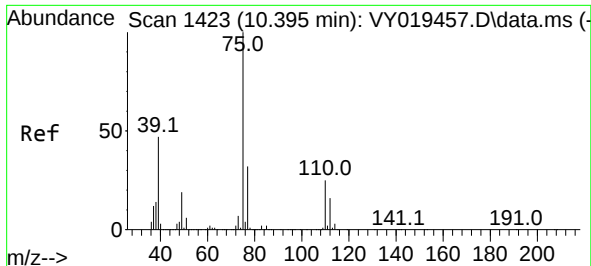
Tgt Ion: 92 Resp: 136453

Ion Ratio Lower Upper

92 100

91 172.3 139.0 208.6

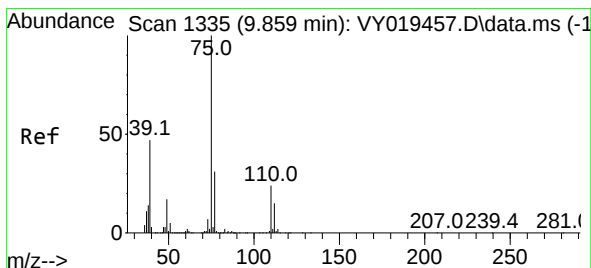
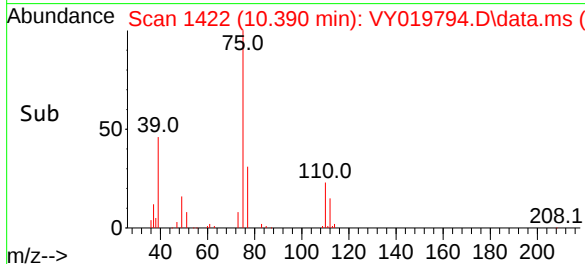
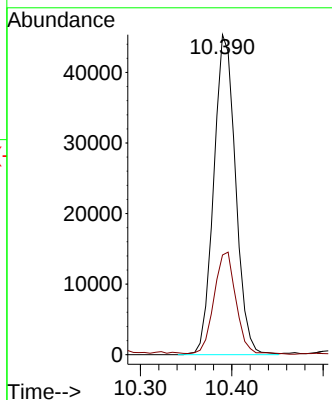
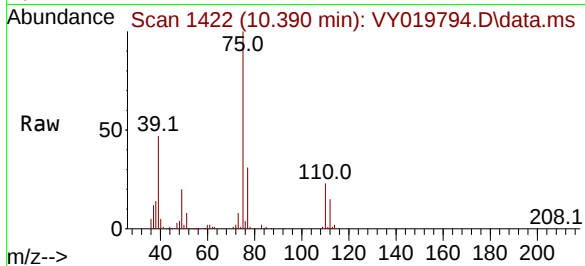




#53
 t-1,3-Dichloropropene
 Concen: 19.685 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY019794.D
 Acq: 04 Oct 2024 12:48

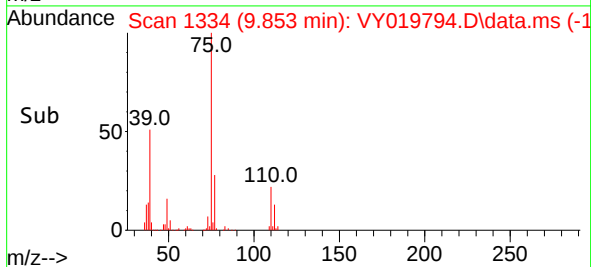
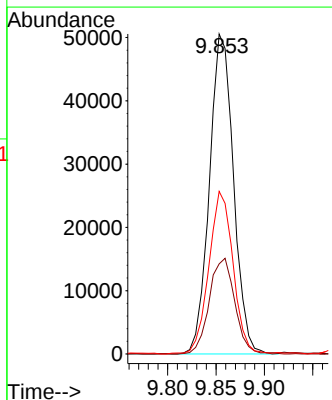
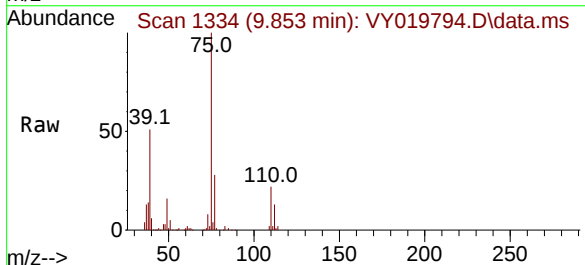
Instrument :
 MSVOA_Y
 ClientSampleId :

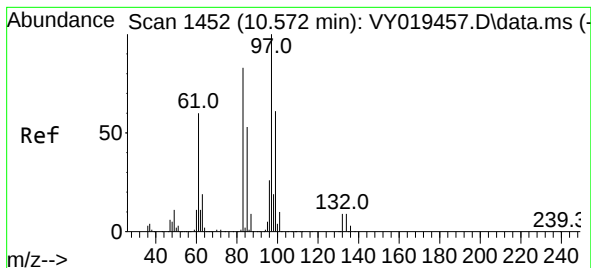
Tgt Ion: 75 Resp: 75189
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.700 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY019794.D
 Acq: 04 Oct 2024 12:48

Tgt Ion: 75 Resp: 87618
 Ion Ratio Lower Upper
 75 100
 77 28.1 25.4 38.0
 39 50.5 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 21.744 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 44758

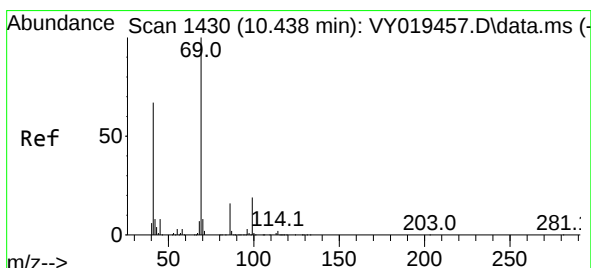
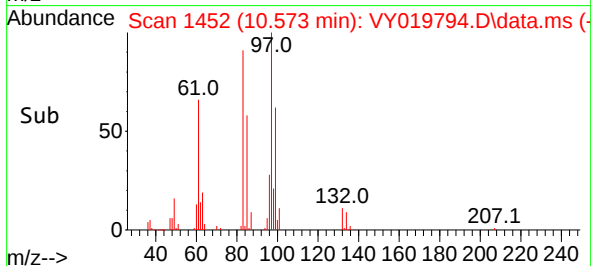
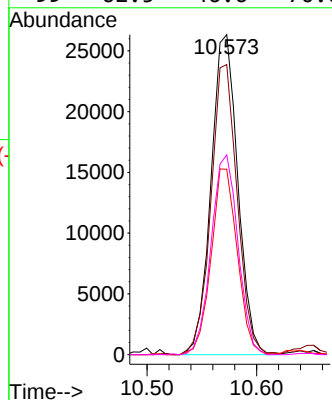
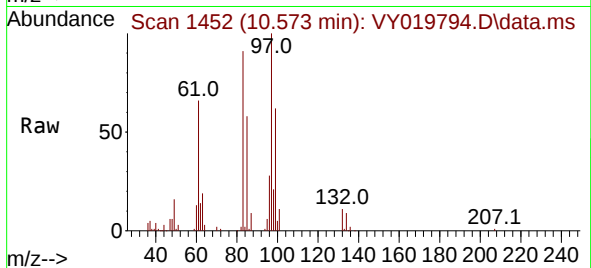
Ion Ratio Lower Upper

97 100

83 90.7 67.5 101.3

85 58.0 42.9 64.3

99 62.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 20.311 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

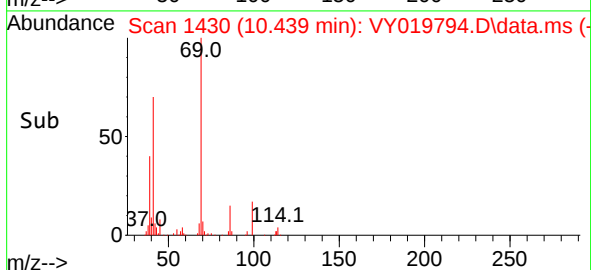
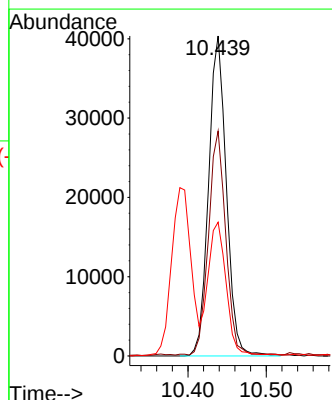
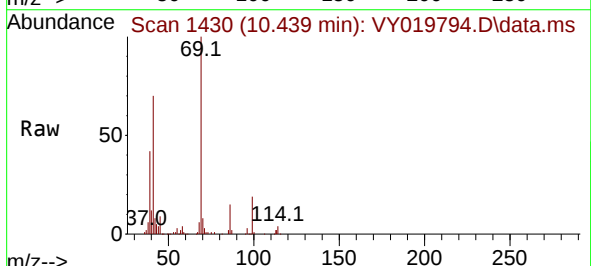
Tgt Ion: 69 Resp: 63510

Ion Ratio Lower Upper

69 100

41 67.7 42.3 63.5#

39 42.7 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 21.513 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

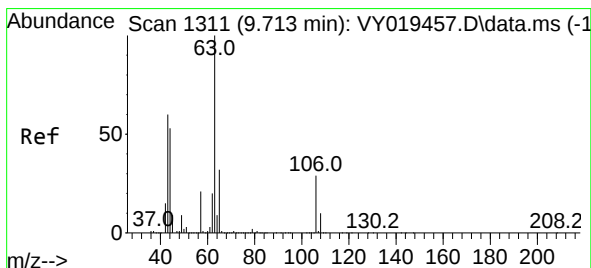
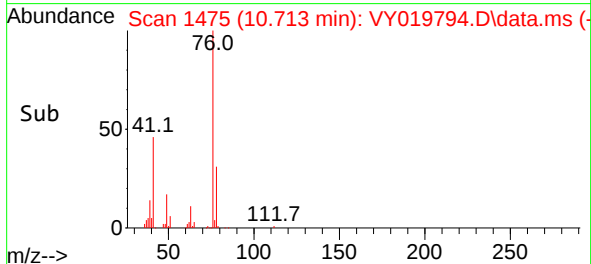
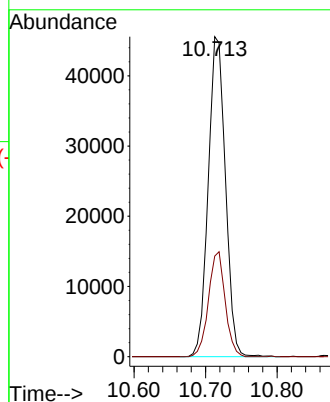
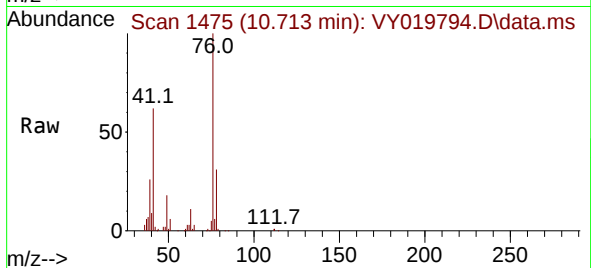
ClientSampleId :

Tgt Ion: 76 Resp: 76119

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 108.526 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019794.D

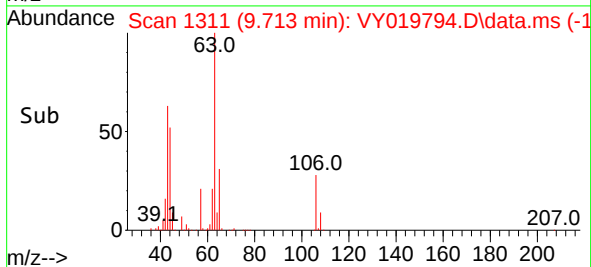
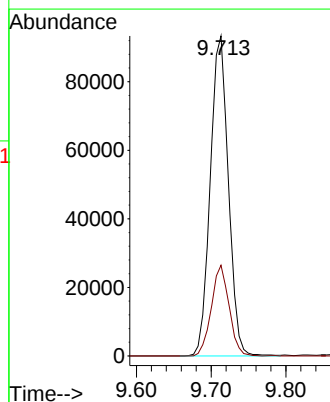
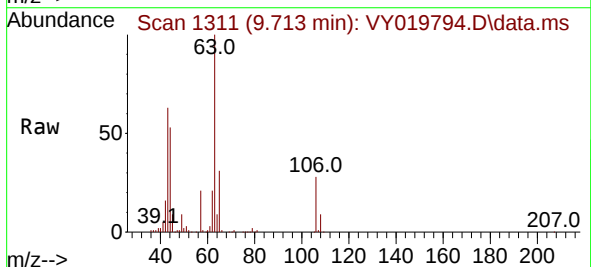
Acq: 04 Oct 2024 12:48

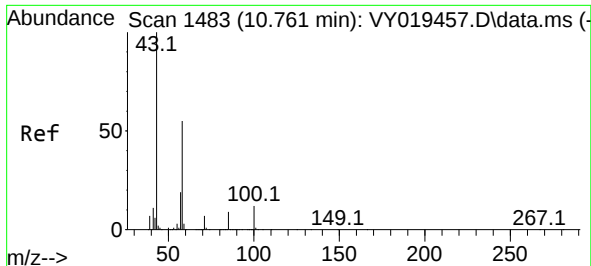
Tgt Ion: 63 Resp: 157502

Ion Ratio Lower Upper

63 100

106 27.7 23.7 35.5

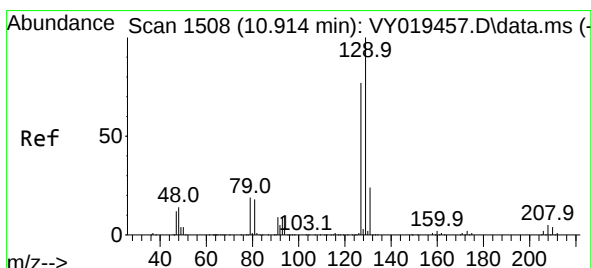
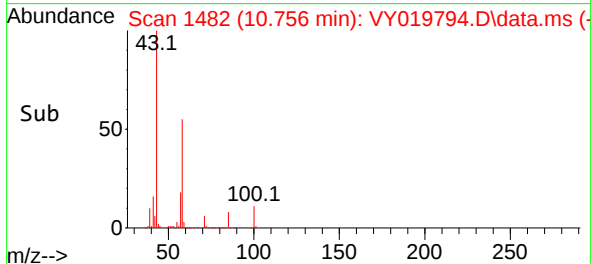
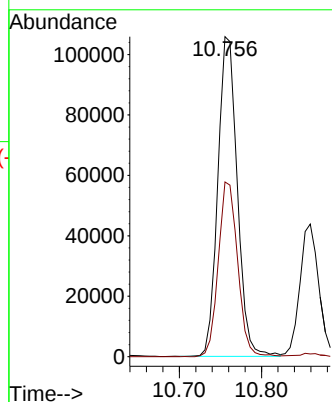
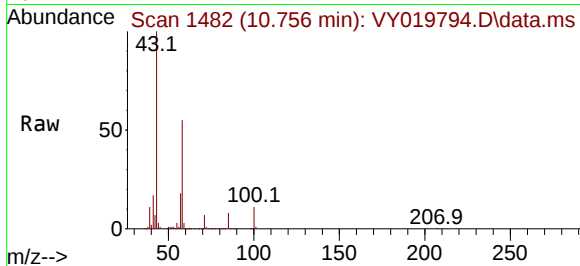




#59
2-Hexanone
Concen: 121.098 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

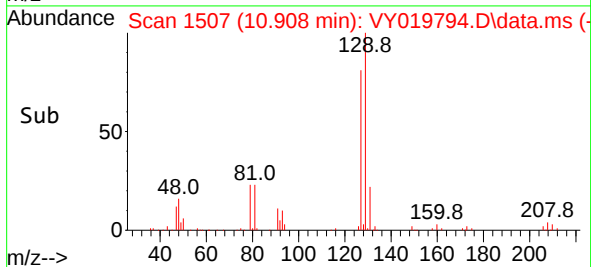
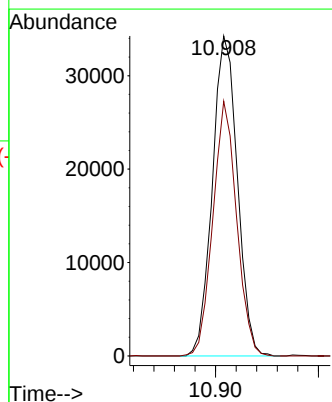
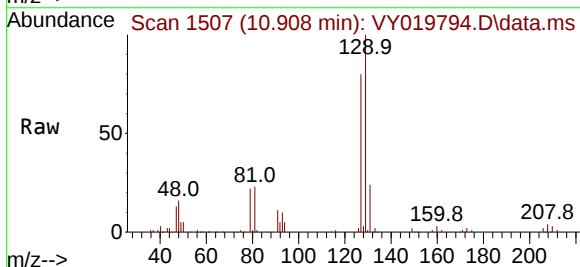
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 174044
Ion Ratio Lower Upper
43 100
58 54.3 31.4 94.0



#60
Dibromochloromethane
Concen: 21.225 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion:129 Resp: 57794
Ion Ratio Lower Upper
129 100
127 75.6 39.0 117.0

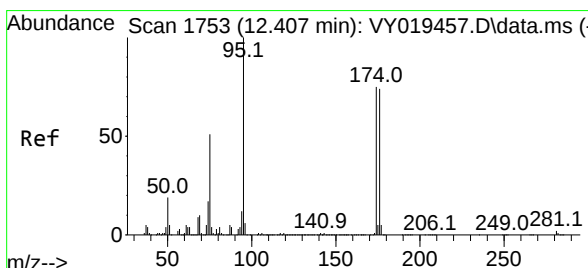
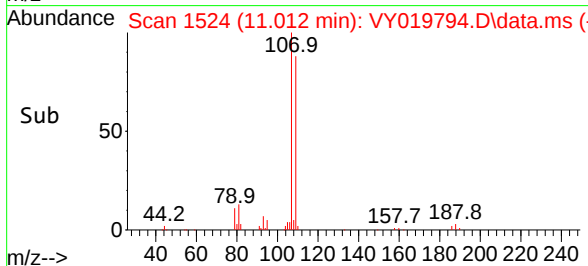
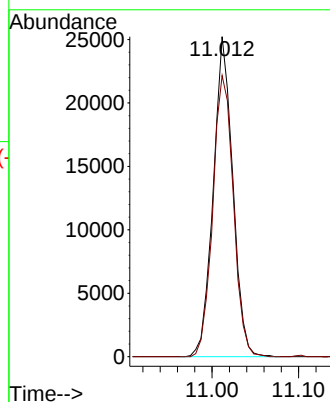
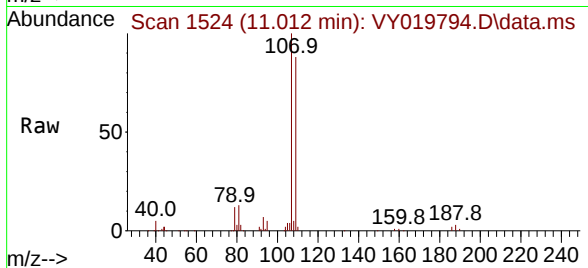




#61
1,2-Dibromoethane
Concen: 20.647 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

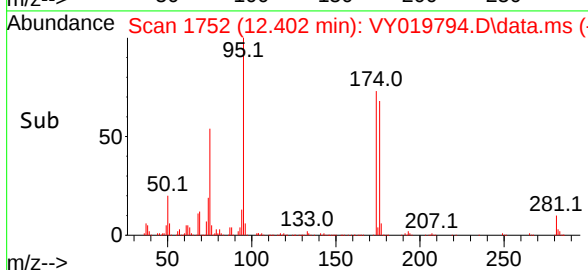
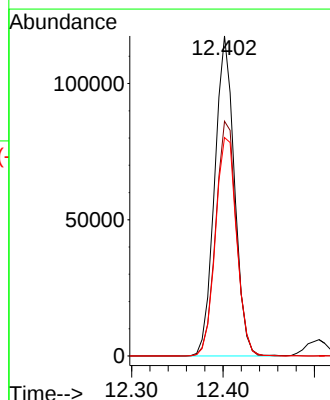
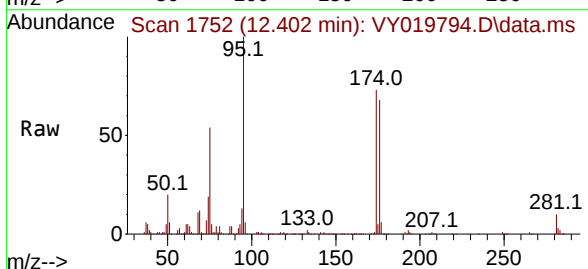
Instrument :
MSVOA_Y
ClientSampleId :

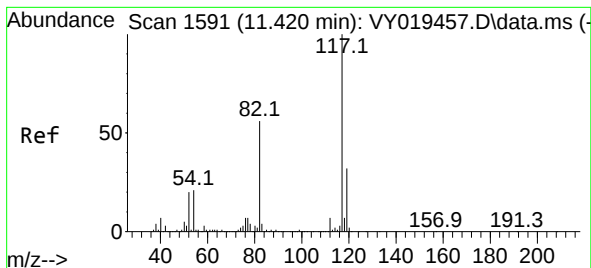
Tgt Ion:107 Resp: 39600
Ion Ratio Lower Upper
107 100
109 92.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 46.694 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion: 95 Resp: 176667
Ion Ratio Lower Upper
95 100
174 76.4 0.0 175.6
176 73.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

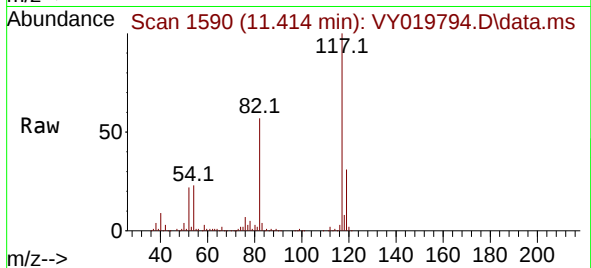
Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

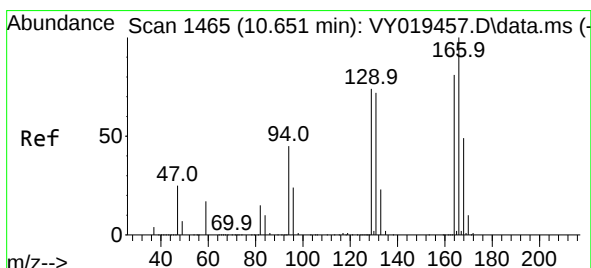
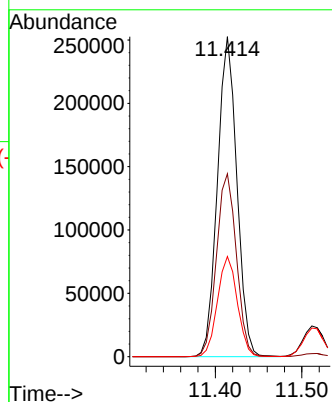
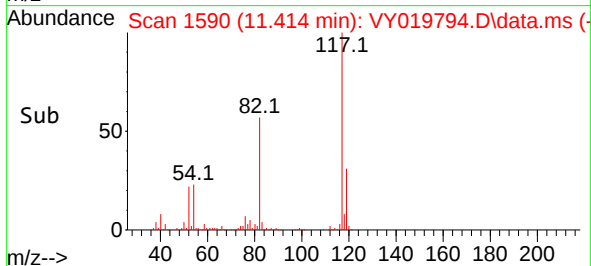
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:117	Resp:	394094	
Ion	Ratio	Lower	Upper
117	100		
82	57.1	42.4	63.6
119	31.3	25.9	38.9



#64

Tetrachloroethene

Concen: 18.281 ug/l

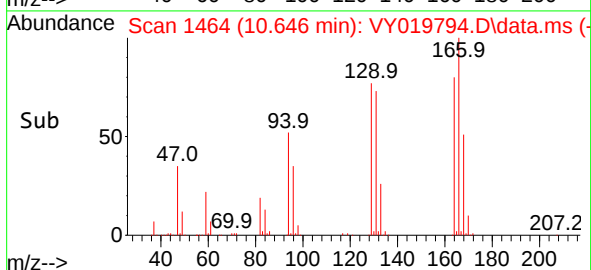
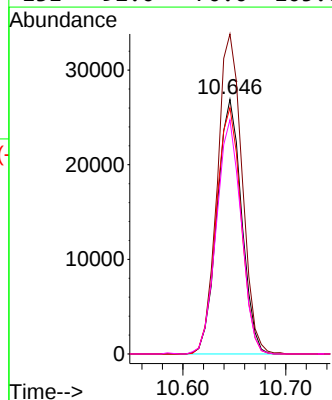
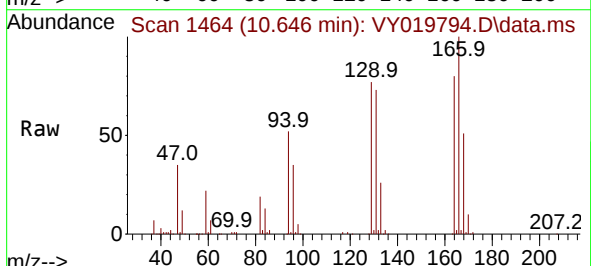
RT: 10.646 min Scan# 1464

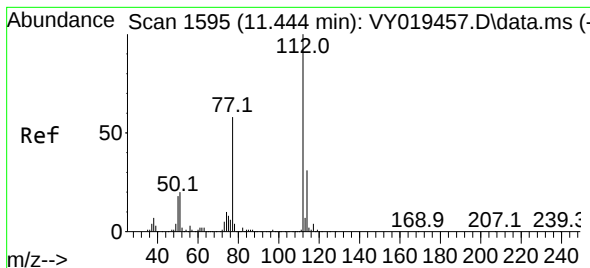
Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Tgt	Ion:164	Resp:	44613
Ion	Ratio	Lower	Upper
164	100		
166	125.7	102.6	154.0
129	96.7	72.0	108.0
131	92.0	70.0	105.0





#65

Chlorobenzene

Concen: 20.587 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

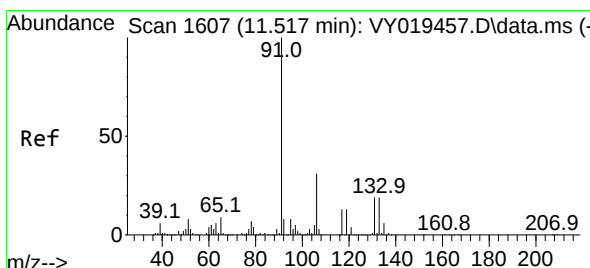
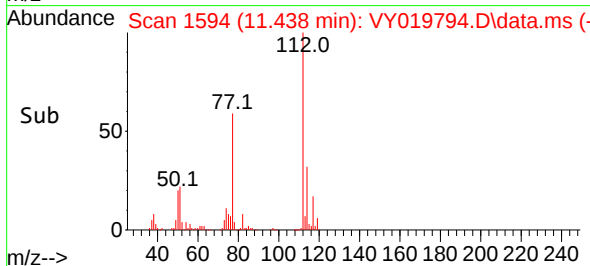
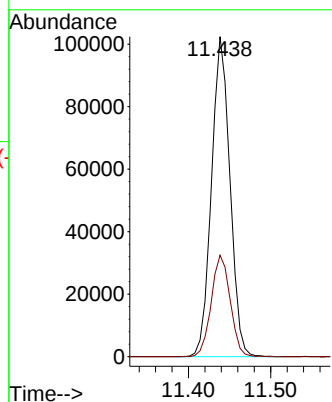
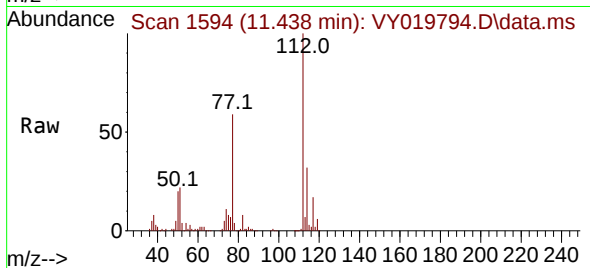
ClientSampleId :

Tgt Ion:112 Resp: 159591

Ion Ratio Lower Upper

112 100

114 31.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.015 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

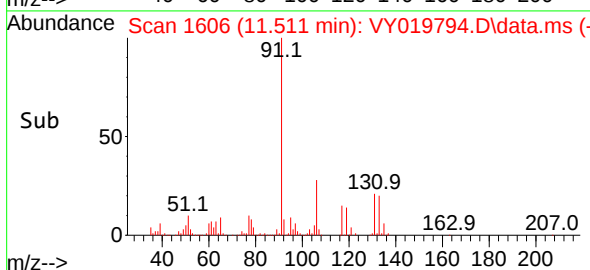
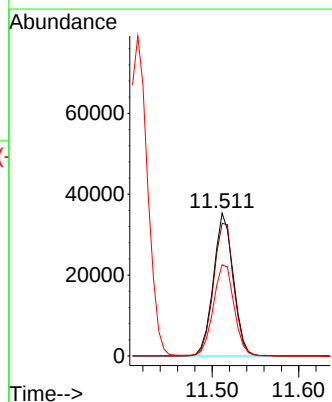
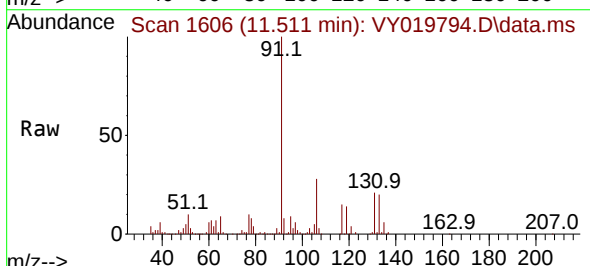
Tgt Ion:131 Resp: 56405

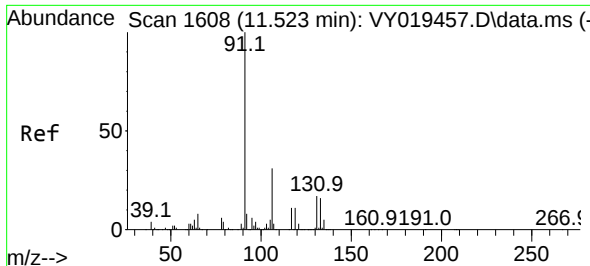
Ion Ratio Lower Upper

131 100

133 95.4 47.8 143.3

119 66.5 34.1 102.2





#67

Ethyl Benzene

Concen: 20.449 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

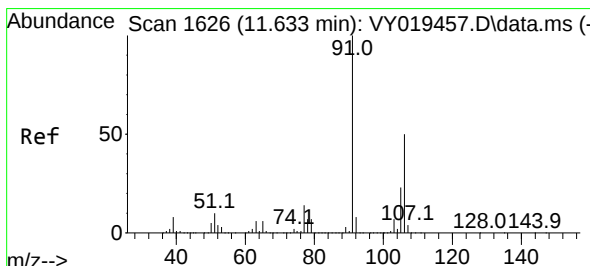
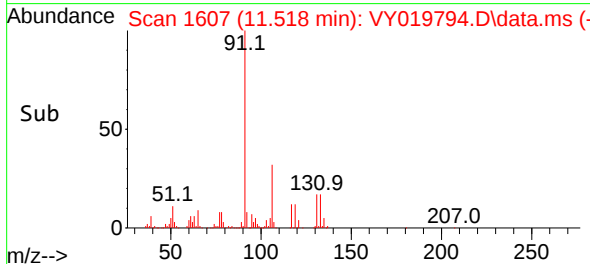
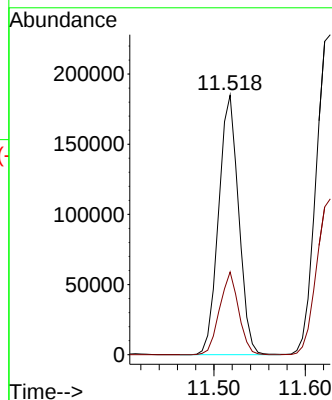
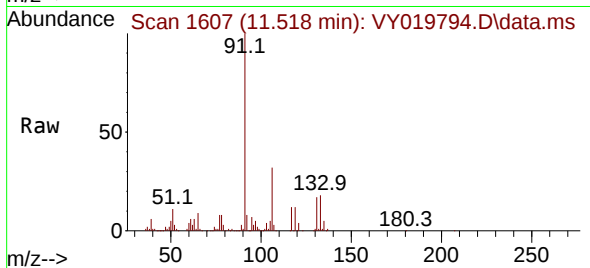
ClientSampleId :

Tgt Ion: 91 Resp: 281664

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 39.203 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019794.D

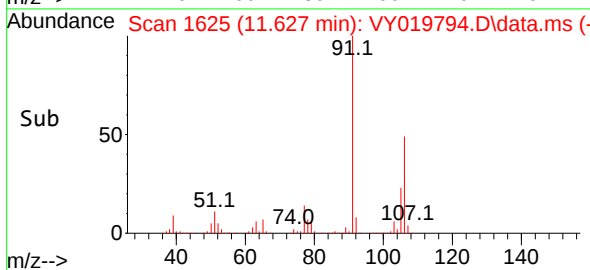
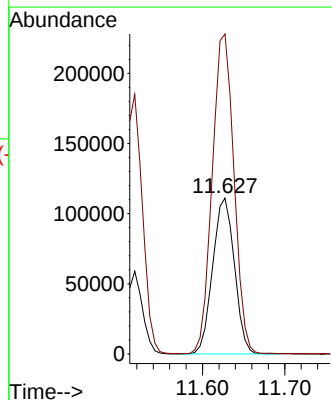
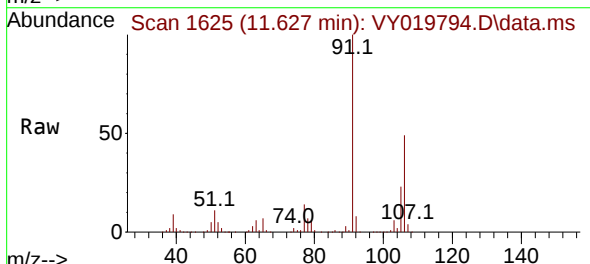
Acq: 04 Oct 2024 12:48

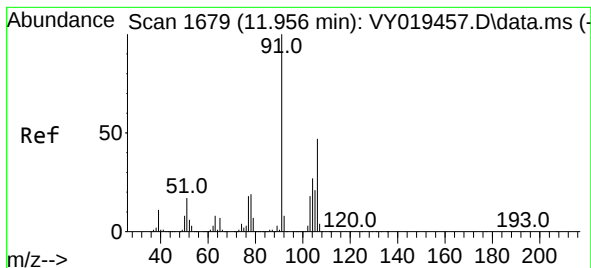
Tgt Ion:106 Resp: 204180

Ion Ratio Lower Upper

106 100

91 205.7 156.0 234.0





#69

o-Xylene

Concen: 19.886 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

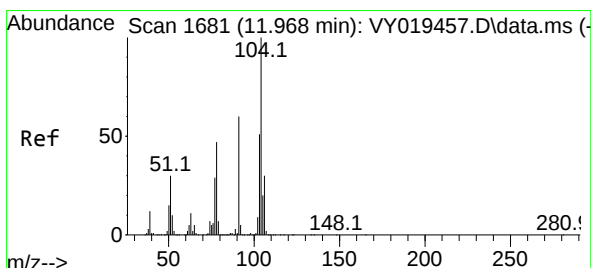
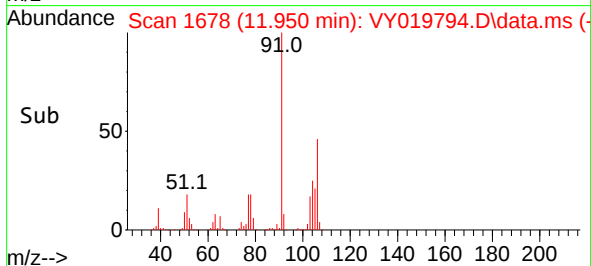
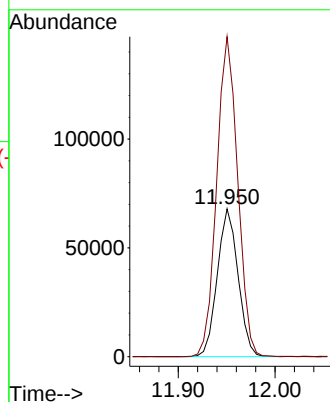
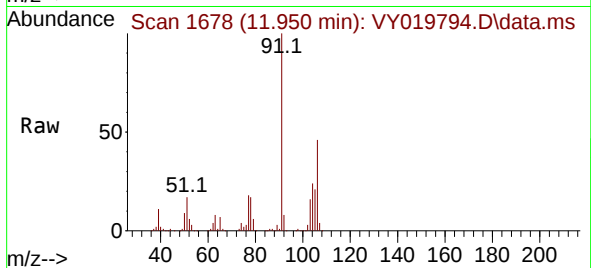
ClientSampleId :

Tgt Ion:106 Resp: 101291

Ion Ratio Lower Upper

106 100

91 218.9 103.6 310.8



#70

Styrene

Concen: 20.044 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

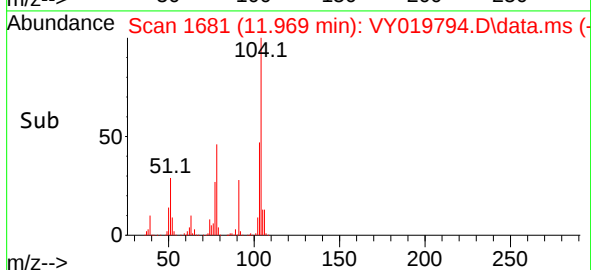
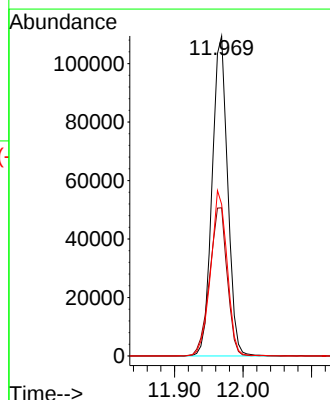
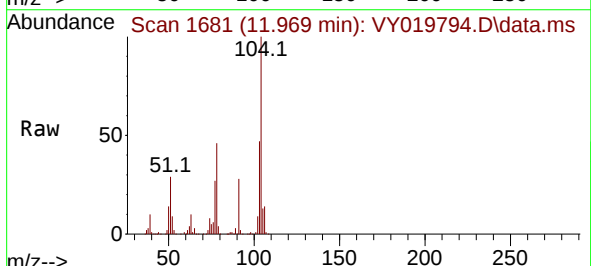
Tgt Ion:104 Resp: 172377

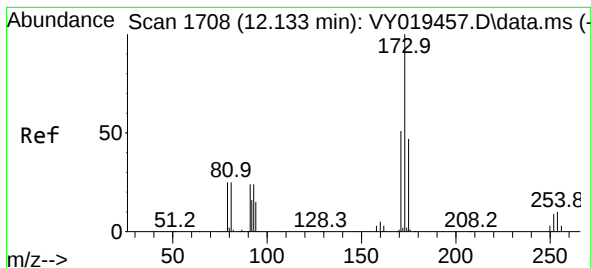
Ion Ratio Lower Upper

104 100

78 52.3 37.0 55.4

103 54.7 44.2 66.2





#71

Bromoform

Concen: 19.942 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

ClientSampleId :

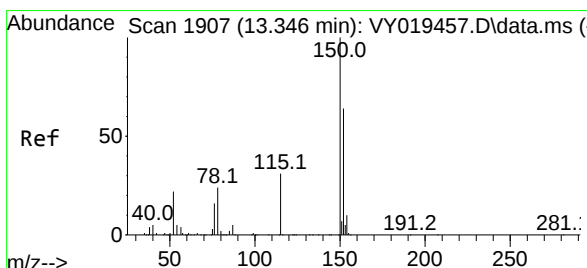
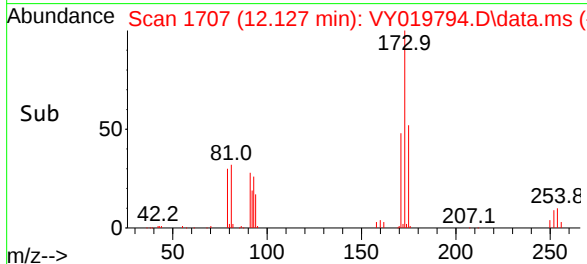
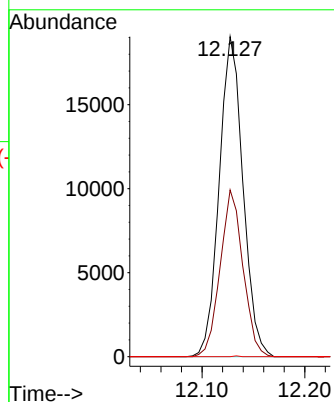
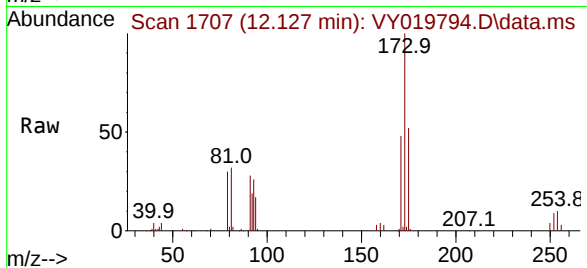
Tgt Ion:173 Resp: 30571

Ion Ratio Lower Upper

173 100

175 50.0 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

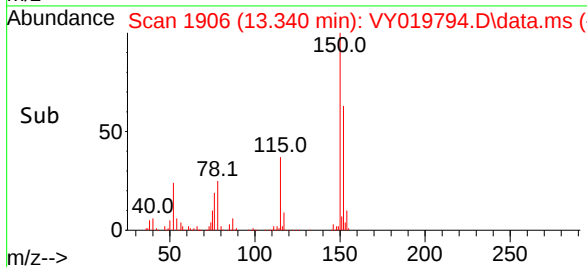
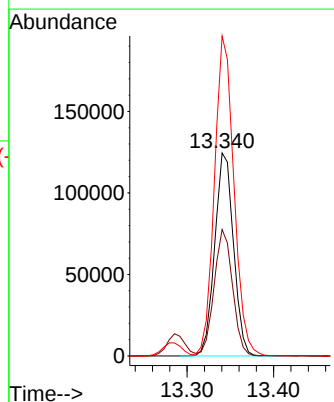
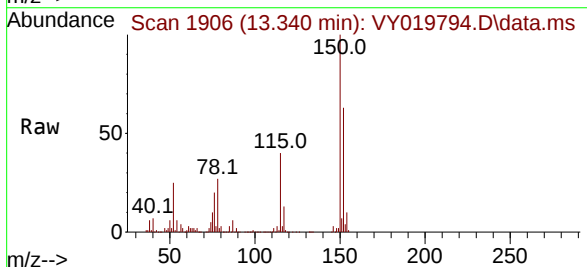
Tgt Ion:152 Resp: 187692

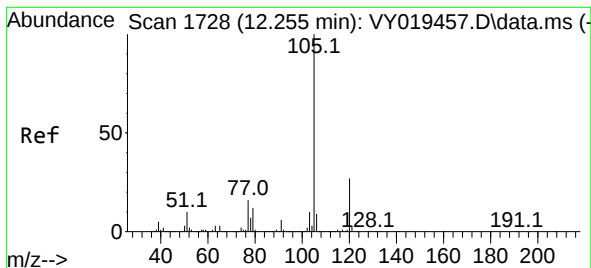
Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 163.2 0.0 345.6





#73

Isopropylbenzene

Concen: 20.454 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

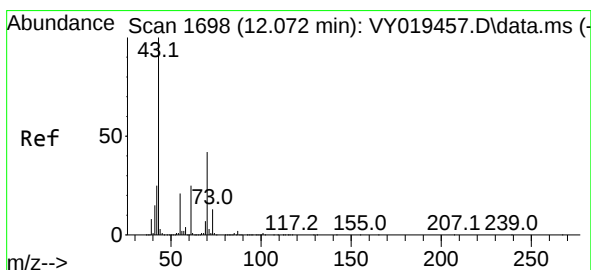
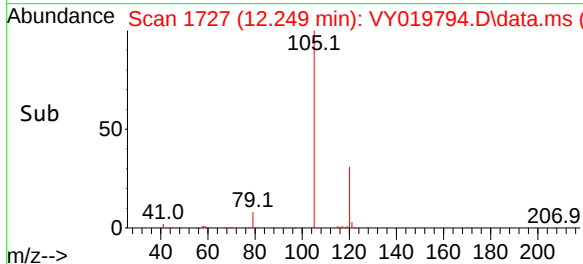
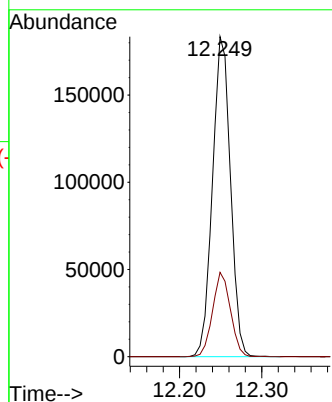
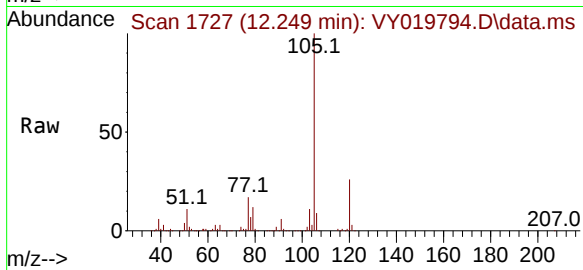
ClientSampleId :

Tgt Ion:105 Resp: 278512

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.1



#74

N-ethyl acetate

Concen: 21.185 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Tgt Ion: 43 Resp: 78453

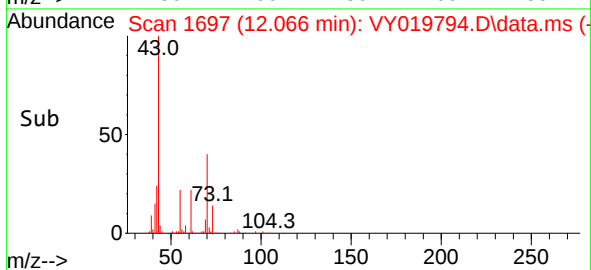
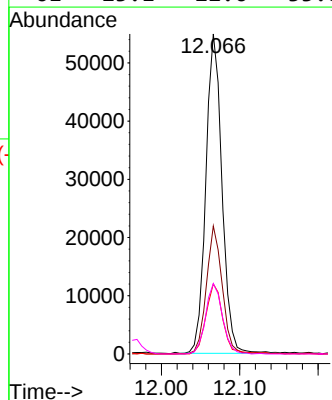
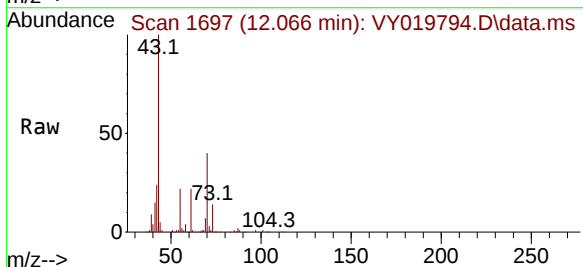
Ion Ratio Lower Upper

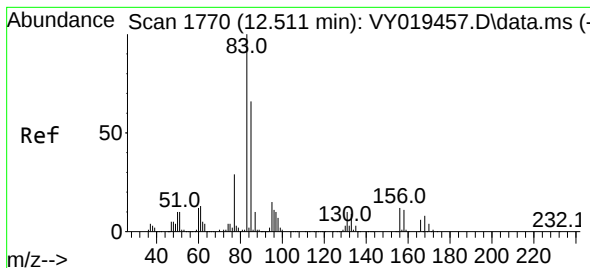
43 100

70 39.5 41.4 62.2#

55 23.2 23.3 34.9#

61 23.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.546 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

ClientSampleId :

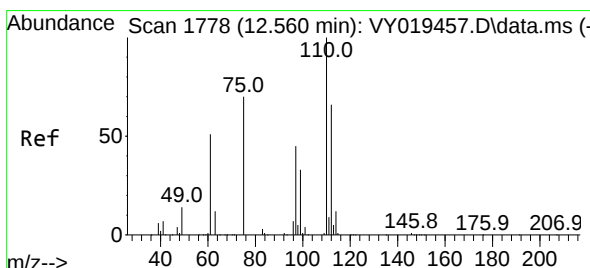
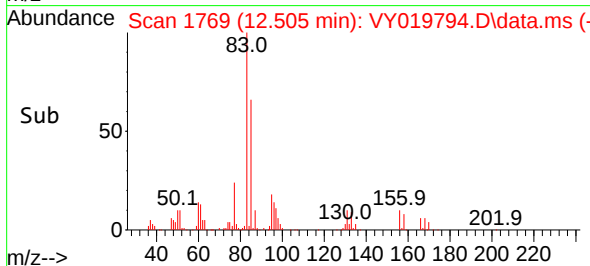
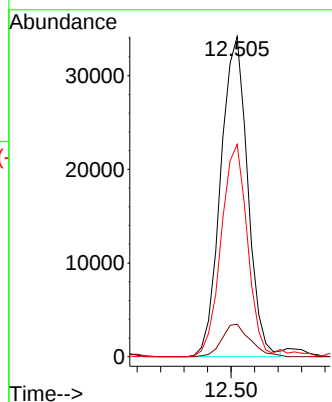
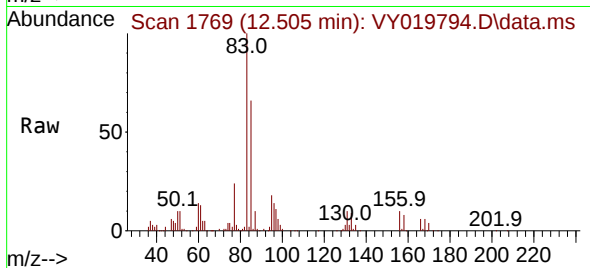
Tgt Ion: 83 Resp: 54490

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 64.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 39.320 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019794.D

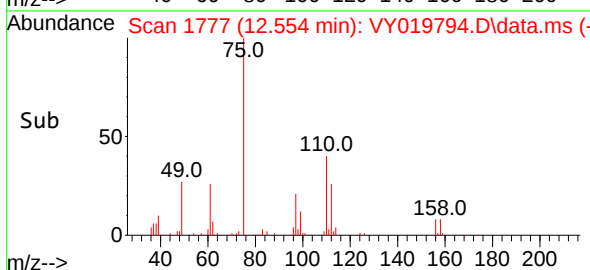
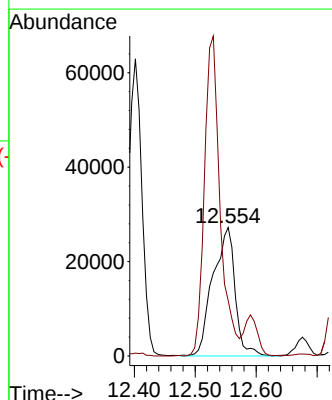
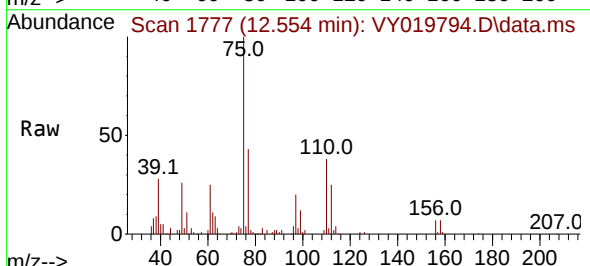
Acq: 04 Oct 2024 12:48

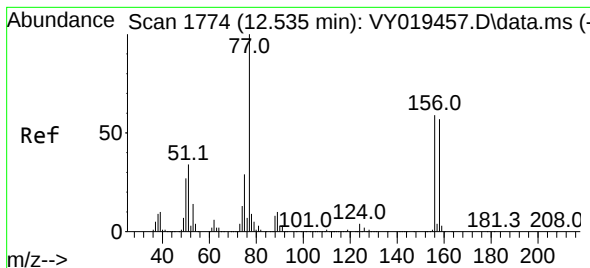
Tgt Ion: 75 Resp: 69172

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.076 ug/l

RT: 12.530 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

ClientSampleId :

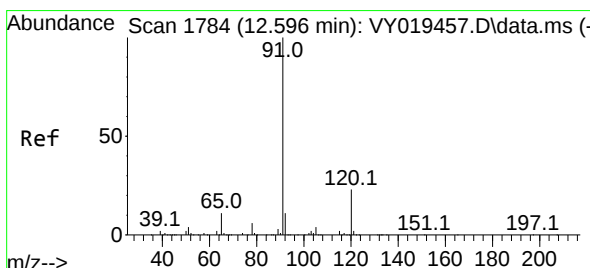
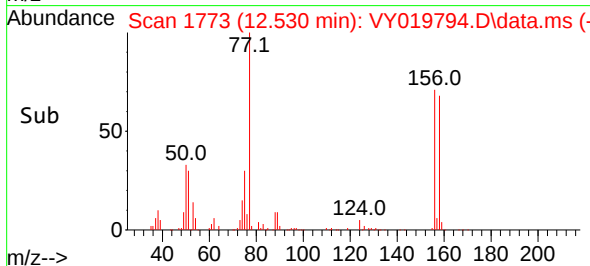
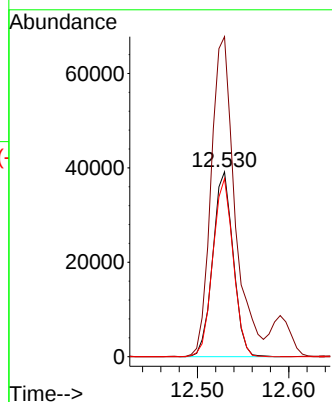
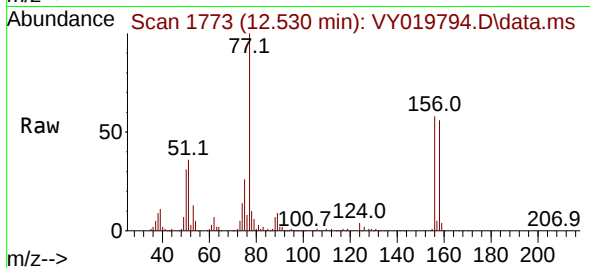
Tgt Ion:156 Resp: 60627

Ion Ratio Lower Upper

156 100

77 202.0 87.1 261.3

158 96.6 48.6 145.9



#78

n-propylbenzene

Concen: 20.835 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY019794.D

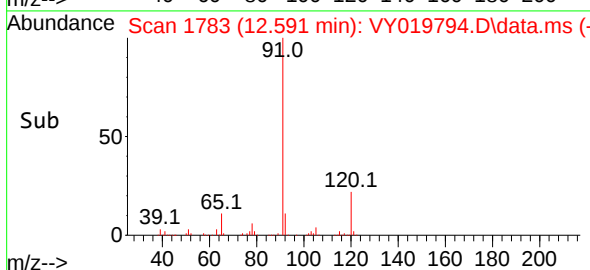
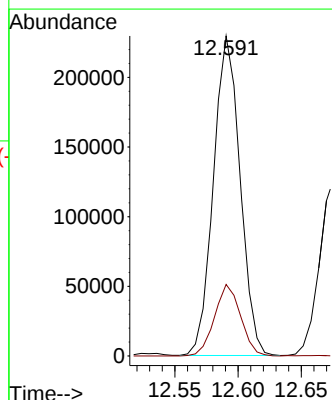
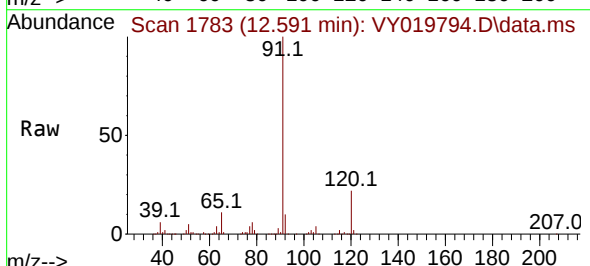
Acq: 04 Oct 2024 12:48

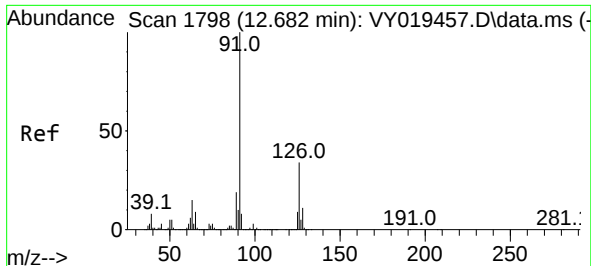
Tgt Ion: 91 Resp: 336258

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4

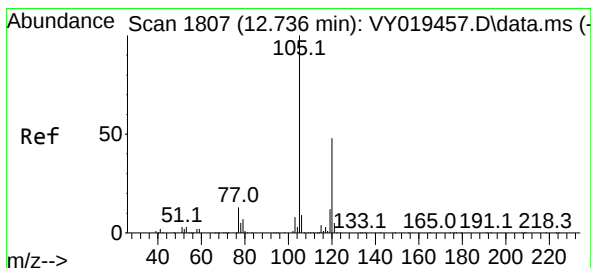
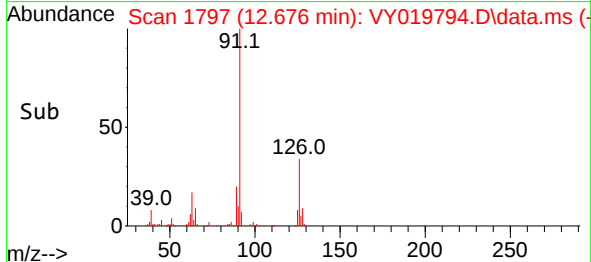
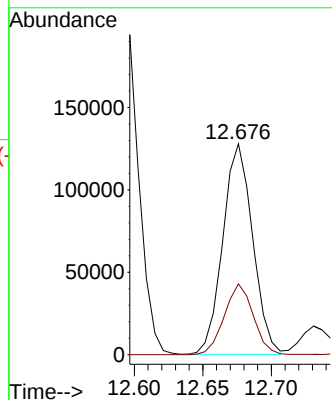
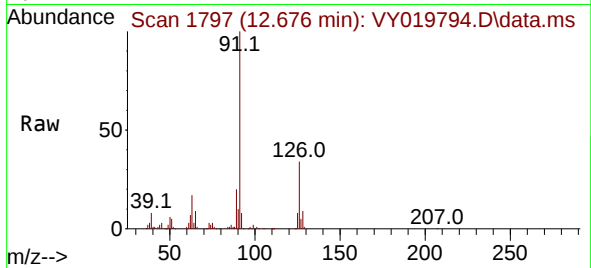




#79
2-Chlorotoluene
Concen: 20.572 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

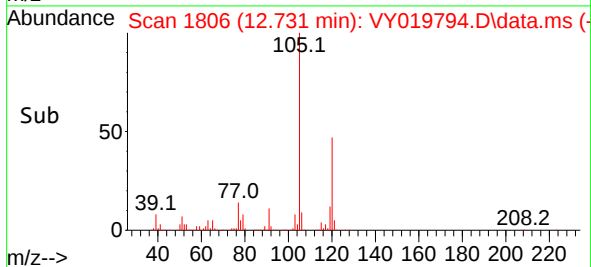
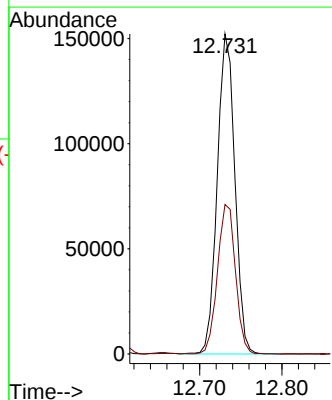
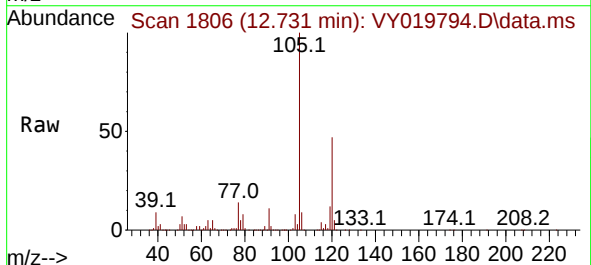
Instrument :
MSVOA_Y
ClientSampleId :

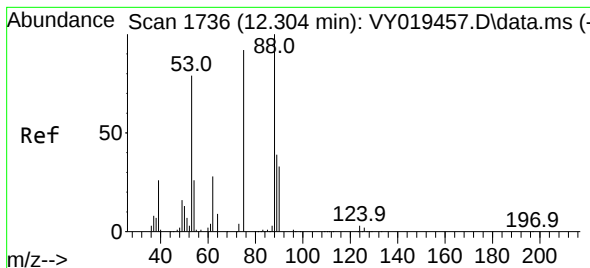
Tgt Ion: 91 Resp: 193491
Ion Ratio Lower Upper
91 100
126 32.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.463 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion: 105 Resp: 226522
Ion Ratio Lower Upper
105 100
120 47.8 25.1 75.2

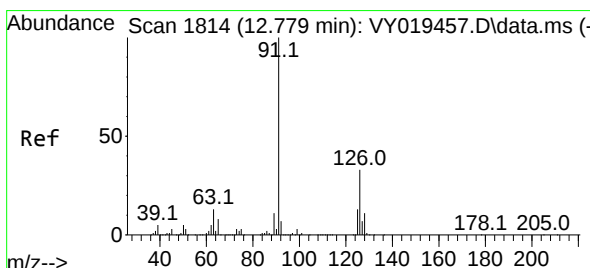
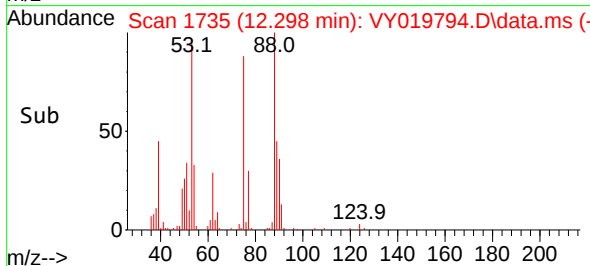
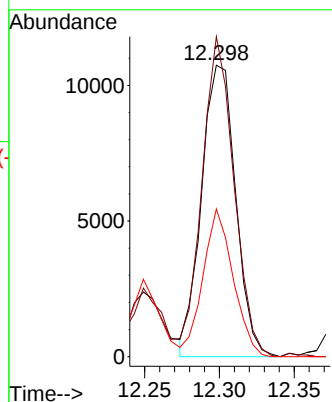
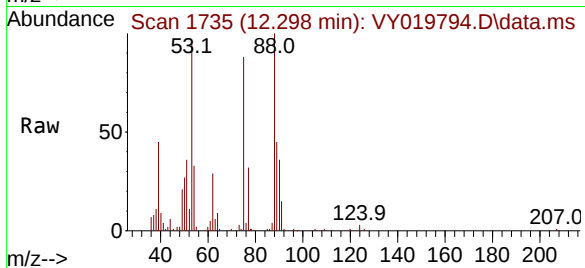




#81
trans-1,4-Dichloro-2-butene
Concen: 18.653 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

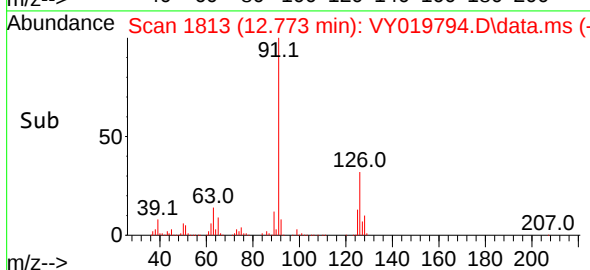
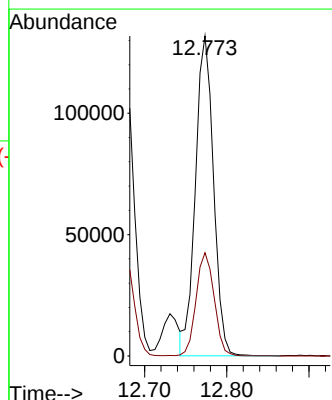
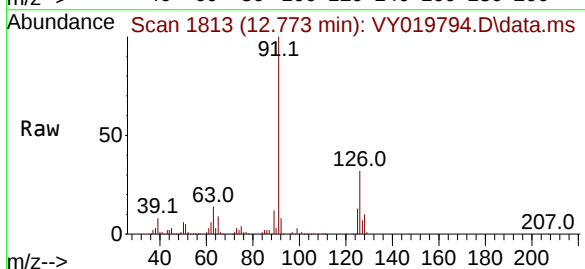
Instrument :
MSVOA_Y
ClientSampleId :

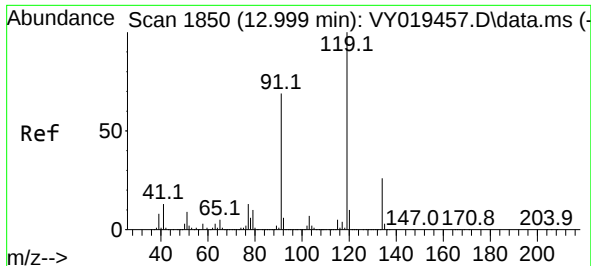
Tgt Ion: 75 Resp: 17094
Ion Ratio Lower Upper
75 100
53 103.1 66.8 100.2#
89 44.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.748 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion: 91 Resp: 200625
Ion Ratio Lower Upper
91 100
126 32.4 17.6 52.9

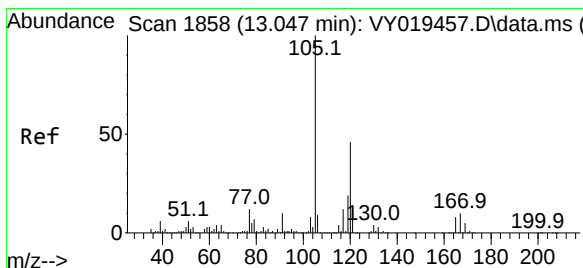
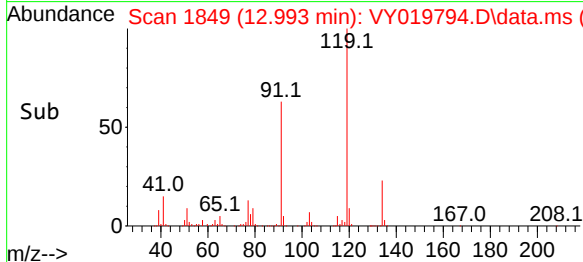
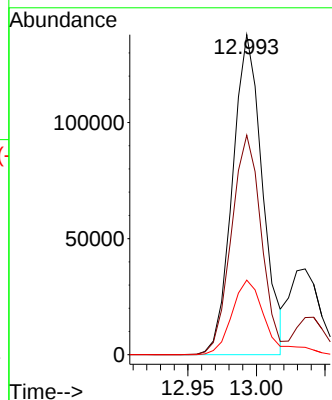
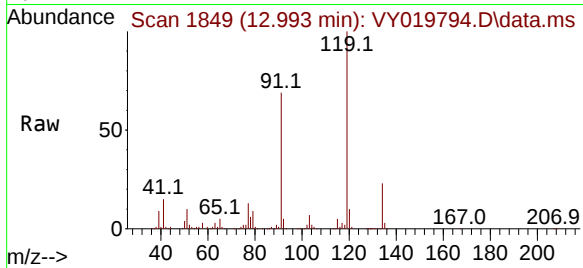




#83
tert-Butylbenzene
Concen: 20.969 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

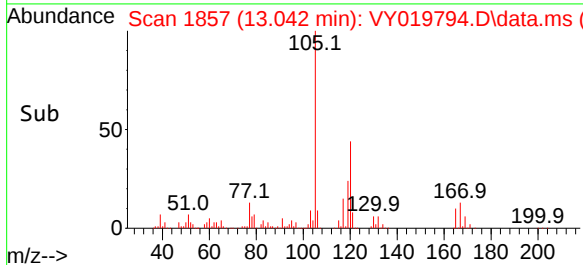
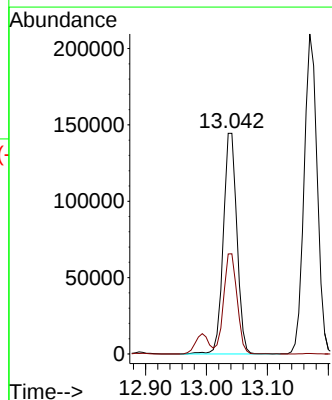
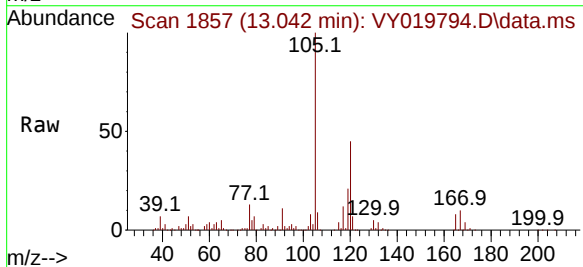
Instrument :
MSVOA_Y
ClientSampleId :

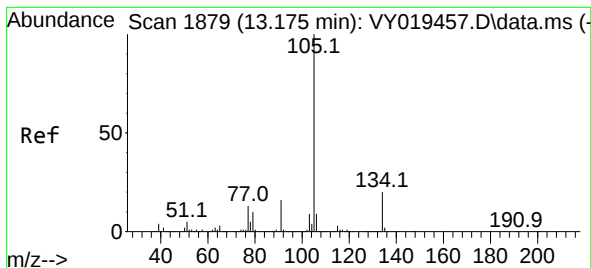
Tgt Ion:119 Resp: 210138
Ion Ratio Lower Upper
119 100
91 69.5 31.3 93.8
134 26.3 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 20.515 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion:105 Resp: 224792
Ion Ratio Lower Upper
105 100
120 44.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.409 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

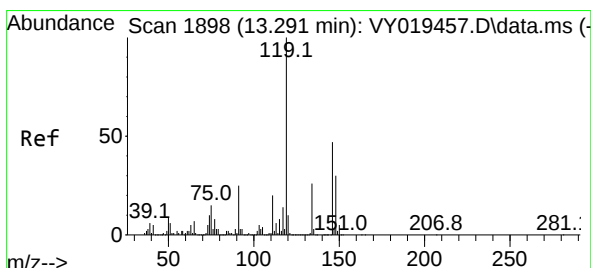
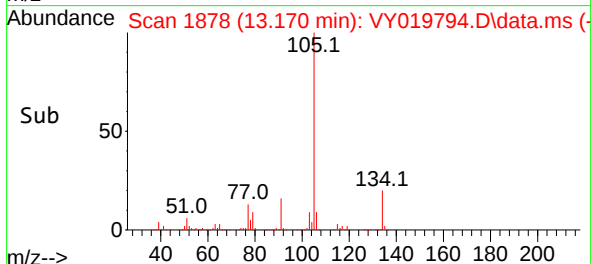
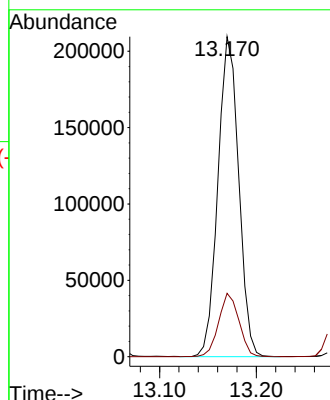
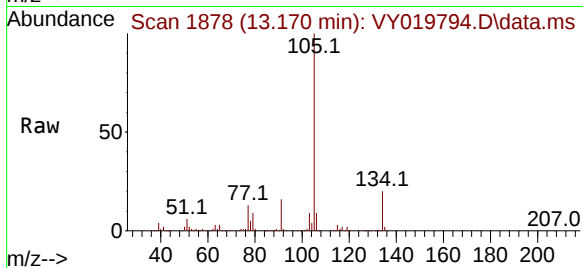
ClientSampleId :

Tgt Ion:105 Resp: 311671

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.365 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

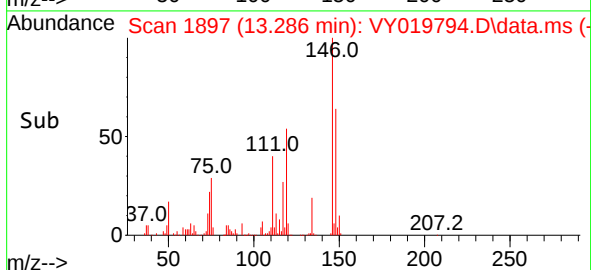
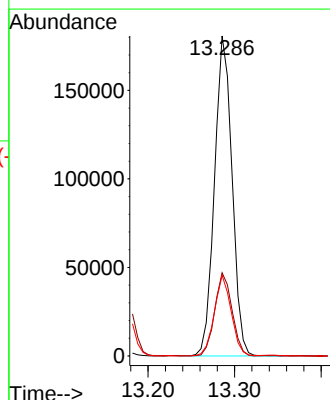
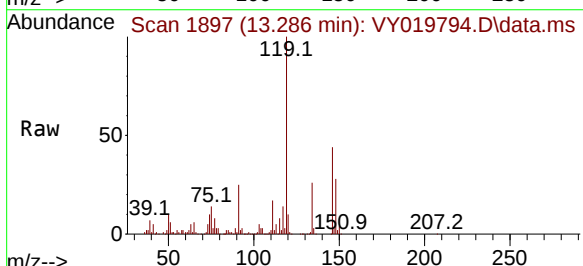
Tgt Ion:119 Resp: 254475

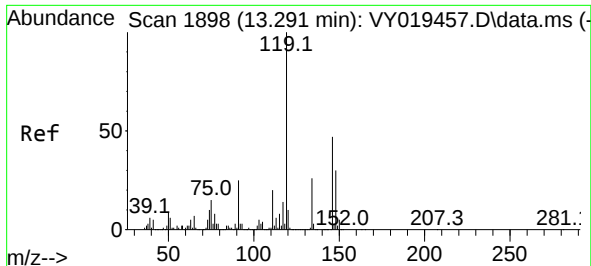
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 24.3 10.7 32.1

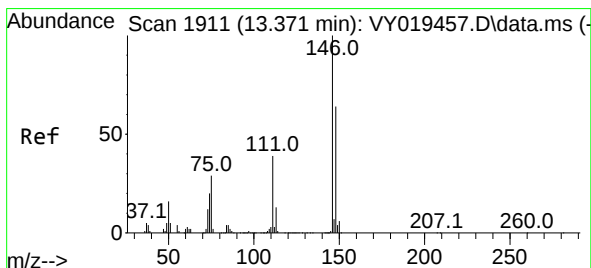
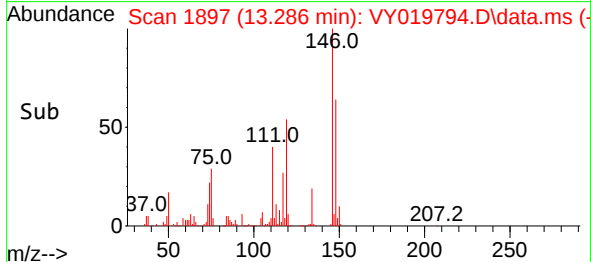
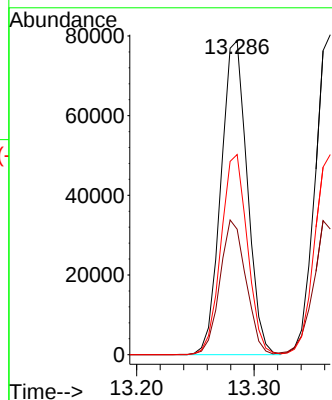
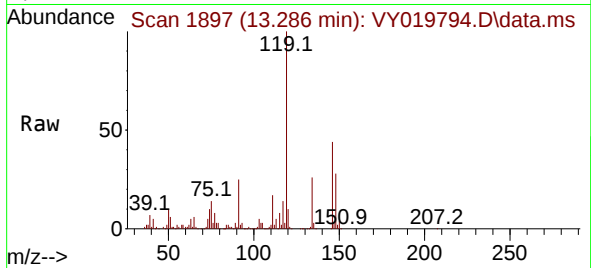




#87
1,3-Dichlorobenzene
Concen: 20.912 ug/l
RT: 13.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

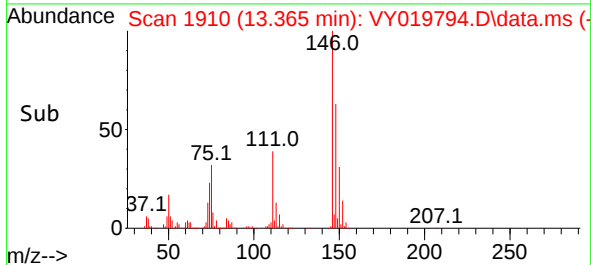
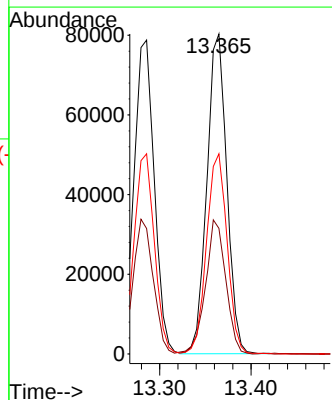
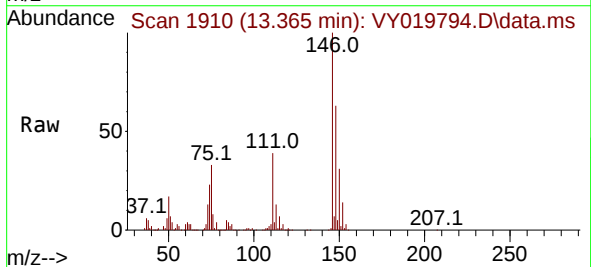
Instrument :
MSVOA_Y
ClientSampleId :

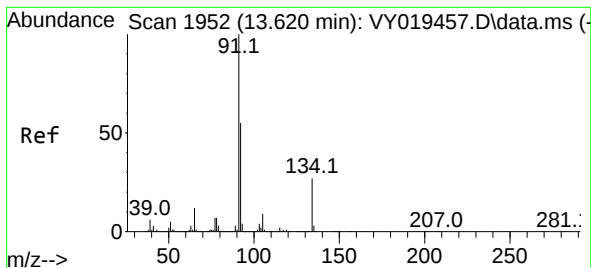
Tgt Ion:146 Resp: 122717
Ion Ratio Lower Upper
146 100
111 42.5 19.0 57.0
148 64.0 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 20.876 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY019794.D
Acq: 04 Oct 2024 12:48

Tgt Ion:146 Resp: 121578
Ion Ratio Lower Upper
146 100
111 42.8 18.4 55.4
148 64.8 32.4 97.2





#89

n-Butylbenzene

Concen: 21.260 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

ClientSampleId :

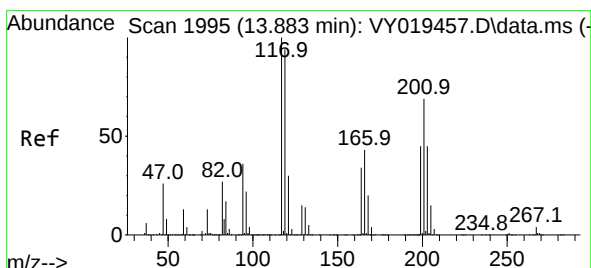
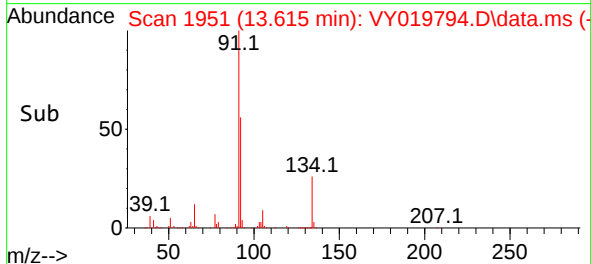
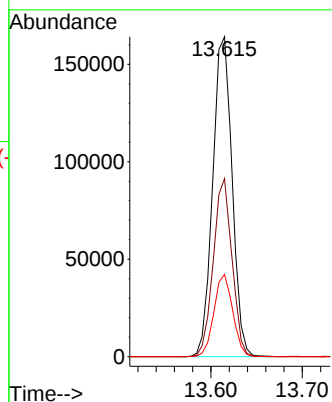
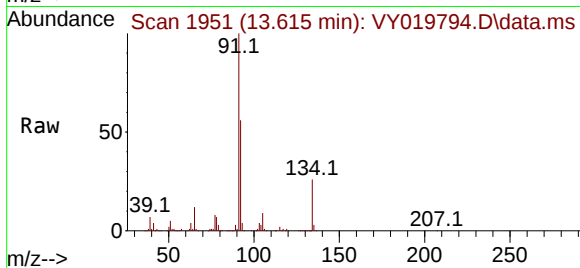
Tgt Ion: 91 Resp: 242083

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.7

134 24.9 12.9 38.7



#90

Hexachloroethane

Concen: 20.400 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019794.D

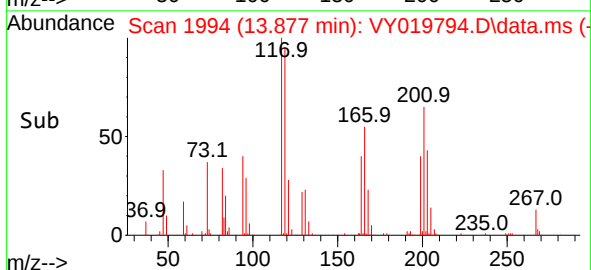
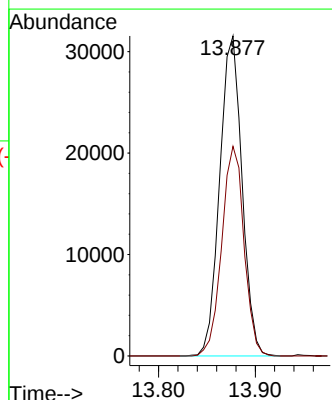
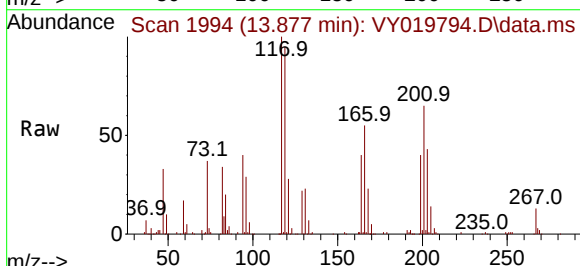
Acq: 04 Oct 2024 12:48

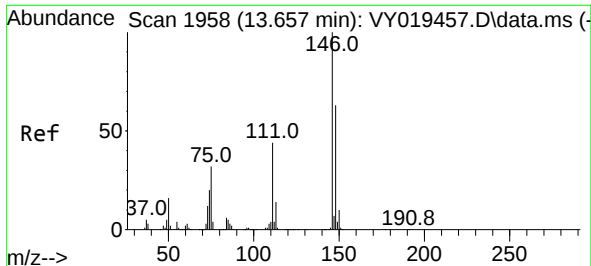
Tgt Ion: 117 Resp: 50557

Ion Ratio Lower Upper

117 100

201 65.2 37.4 112.2

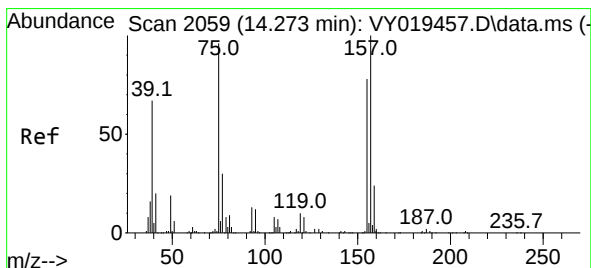
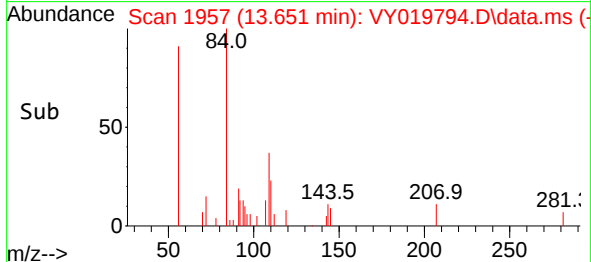
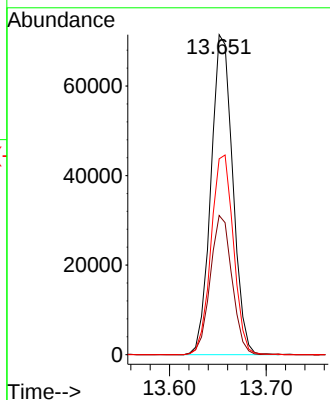
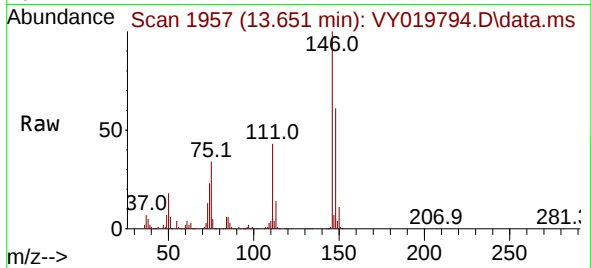




#91
 1,2-Dichlorobenzene
 Concen: 21.362 ug/l
 RT: 13.651 min Scan# 1957
 Delta R.T. -0.006 min
 Lab File: VY019794.D
 Acq: 04 Oct 2024 12:48

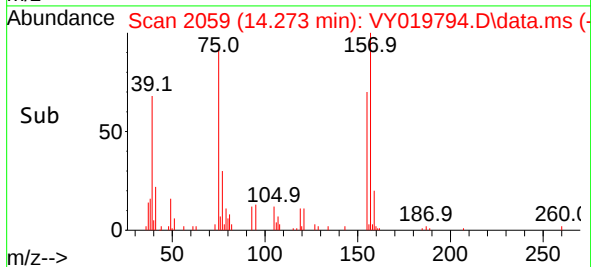
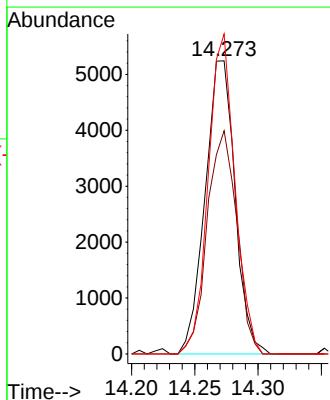
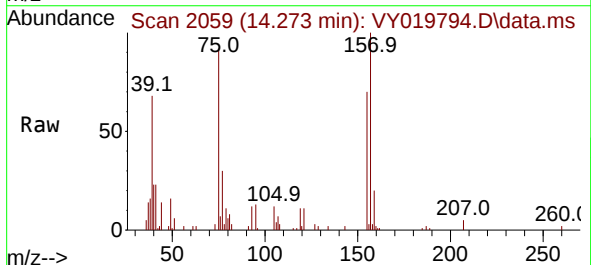
Instrument :
 MSVOA_Y
 ClientSampleId :

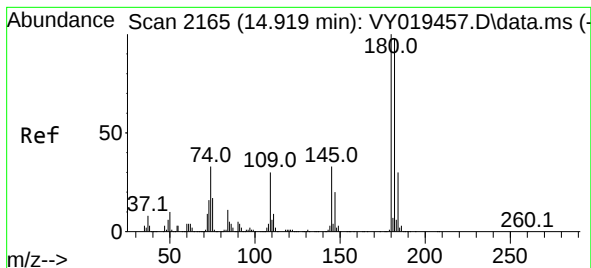
Tgt Ion:146 Resp: 111862
 Ion Ratio Lower Upper
 146 100
 111 43.5 19.9 59.7
 148 64.1 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.425 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY019794.D
 Acq: 04 Oct 2024 12:48

Tgt Ion: 75 Resp: 8630
 Ion Ratio Lower Upper
 75 100
 155 75.3 48.6 145.8
 157 97.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.636 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

ClientSampleId :

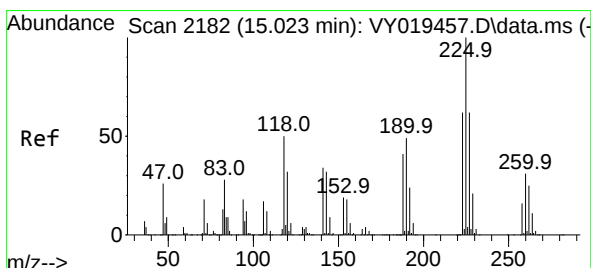
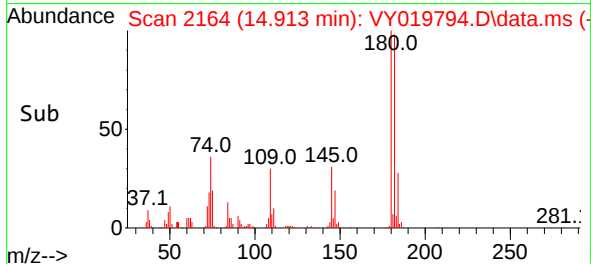
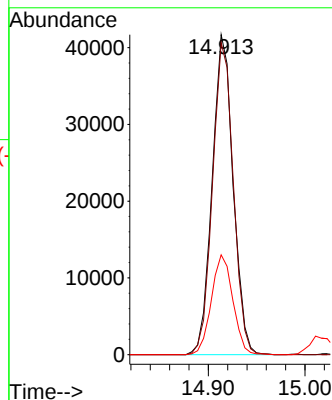
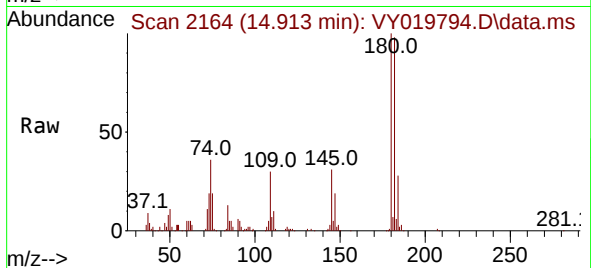
Tgt Ion:180 Resp: 62539

Ion Ratio Lower Upper

180 100

182 96.8 47.9 143.8

145 32.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.300 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

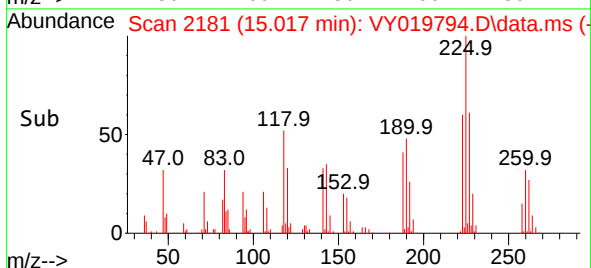
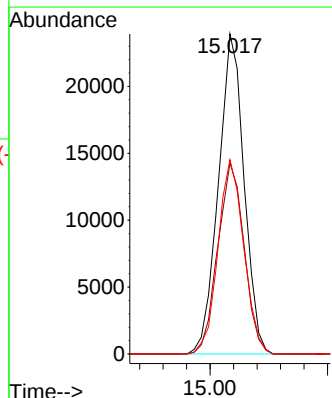
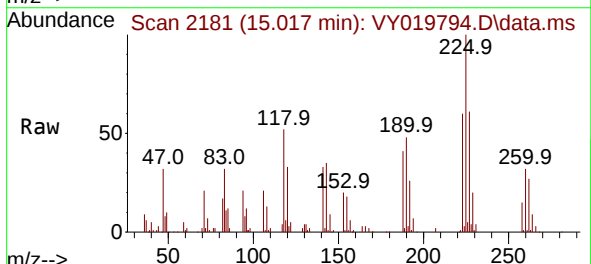
Tgt Ion:225 Resp: 36241

Ion Ratio Lower Upper

225 100

223 61.1 30.4 91.2

227 60.9 31.9 95.9





#95

Naphthalene

Concen: 19.337 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Instrument :

MSVOA_Y

ClientSampleId :

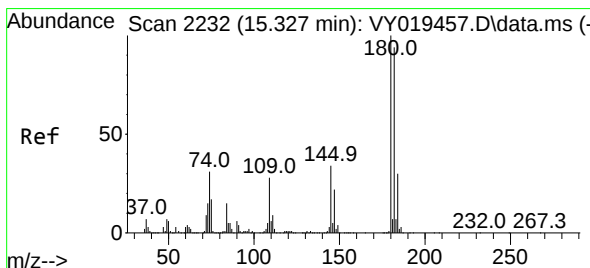
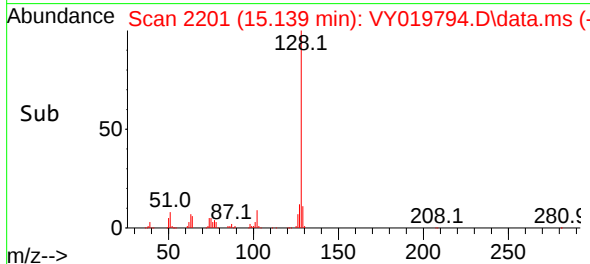
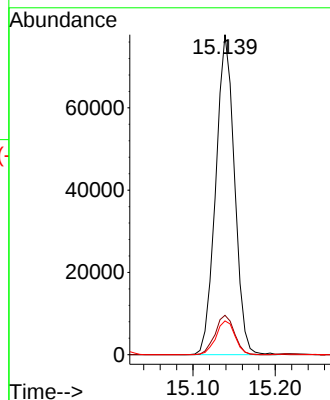
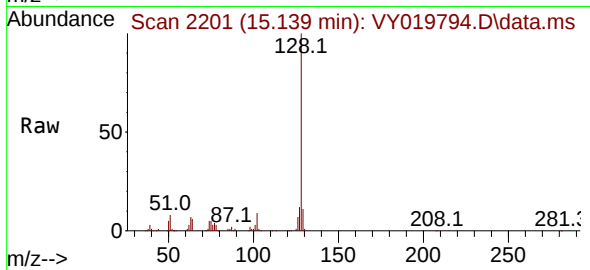
Tgt Ion:128 Resp: 123330

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.669 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY019794.D

Acq: 04 Oct 2024 12:48

Tgt Ion:180 Resp: 53583

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

145 35.4 15.4 46.1

