

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100724\
 Data File : VY019814.D
 Acq On : 07 Oct 2024 16:58
 Operator : SY/MD
 Sample : VY1007SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 08 01:43:03 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	7.707	168	227439	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	403959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	339894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	160091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	123846	58.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.620%
35) Dibromofluoromethane	7.634	113	123614	53.971	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.940%
50) Toluene-d8	10.103	98	436013	51.468	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.940%
62) 4-Bromofluorobenzene	12.402	95	156666	48.096	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	26903	19.112	ug/l	99
3) Chloromethane	2.068	50	28145	14.957	ug/l	96
4) Vinyl Chloride	2.202	62	35698	17.544	ug/l	99
5) Bromomethane	2.592	94	24171	19.339	ug/l	92
6) Chloroethane	2.733	64	27449	20.636	ug/l	96
7) Trichlorofluoromethane	3.056	101	70318	20.731	ug/l	95
8) Diethyl Ether	3.458	74	24210	21.264	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.812	101	46528	22.175	ug/l	93
10) Methyl Iodide	4.001	142	37703	14.015	ug/l	92
11) Tert butyl alcohol	4.860	59	22475	132.144	ug/l	# 80
12) 1,1-Dichloroethene	3.787	96	35860	17.771	ug/l	86
13) Acrolein	3.659	56	7235	78.535	ug/l	98
14) Allyl chloride	4.385	41	69380	19.173	ug/l	# 90
15) Acrylonitrile	5.061	53	61687	125.655	ug/l	99
16) Acetone	3.873	43	78075	155.611	ug/l	# 85
17) Carbon Disulfide	4.104	76	48775	8.946	ug/l	98
18) Methyl Acetate	4.385	43	30528	22.421	ug/l	# 88
19) Methyl tert-butyl Ether	5.116	73	135515	23.712	ug/l	100
20) Methylene Chloride	4.610	84	48937	21.387	ug/l	88
21) trans-1,2-Dichloroethene	5.116	96	38259	17.298	ug/l	# 81
22) Diisopropyl ether	6.019	45	186152	25.051	ug/l	# 90
23) Vinyl Acetate	5.958	43	485799	114.454	ug/l	# 92
24) 1,1-Dichloroethane	5.915	63	96832	23.222	ug/l	98
25) 2-Butanone	6.896	43	102297	143.355	ug/l	# 84
26) 2,2-Dichloropropane	6.884	77	87223	23.189	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	58587	21.806	ug/l	84
28) Bromochloromethane	7.244	49	39465	22.494	ug/l	# 76
29) Tetrahydrofuran	7.262	42	50957	117.447	ug/l	# 84
30) Chloroform	7.421	83	106490	25.017	ug/l	97
31) Cyclohexane	7.701	56	62381	16.551	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	88426	23.176	ug/l	96
36) 1,1-Dichloropropene	7.835	75	59912	19.224	ug/l	94
37) Ethyl Acetate	6.982	43	37375	23.406	ug/l	96
38) Carbon Tetrachloride	7.817	117	70613	20.092	ug/l	99
39) Methylcyclohexane	9.109	83	65137	15.705	ug/l	# 90
40) Benzene	8.079	78	192788	20.084	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	22833	24.530	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	61005	23.618	ug/l	94
43) Isopropyl Acetate	8.195	43	75496	22.504	ug/l #	79
44) Trichloroethene	8.866	130	47378	19.191	ug/l	92
45) 1,2-Dichloropropane	9.140	63	53861	22.952	ug/l	99
46) Dibromomethane	9.231	93	27745	21.620	ug/l	93
47) Bromodichloromethane	9.420	83	81983	23.766	ug/l	99
48) Methyl methacrylate	9.219	41	33387	21.074	ug/l #	84
49) 1,4-Dioxane	9.231	88	7005	463.678	ug/l #	81
51) 4-Methyl-2-Pentanone	9.993	43	201775	119.550	ug/l	90
52) Toluene	10.170	92	125120	20.267	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	68881	20.946	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	80114	20.922	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	42499	23.981	ug/l	98
56) Ethyl methacrylate	10.438	69	56308	20.916	ug/l #	74
57) 1,3-Dichloropropane	10.713	76	70527	23.152	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	132053	105.686	ug/l	95
59) 2-Hexanone	10.756	43	154106	124.543	ug/l	88
60) Dibromochloromethane	10.908	129	52298	22.308	ug/l	98
61) 1,2-Dibromoethane	11.012	107	34923	21.150	ug/l	99
64) Tetrachloroethene	10.646	164	39413	18.725	ug/l	91
65) Chlorobenzene	11.438	112	145286	21.730	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	53483	23.104	ug/l	98
67) Ethyl Benzene	11.518	91	257966	21.715	ug/l	99
68) m/p-Xylenes	11.627	106	188135	41.882	ug/l	91
69) o-Xylene	11.950	106	93804	21.353	ug/l	94
70) Styrene	11.969	104	162091	21.854	ug/l	95
71) Bromoform	12.127	173	28280	21.389	ug/l #	96
73) Isopropylbenzene	12.249	105	259670	22.358	ug/l	99
74) N-amyl acetate	12.066	43	67765	21.454	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	50732	24.610	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	62240	41.479	ug/l #	100
77) Bromobenzene	12.530	156	56271	21.846	ug/l	87
78) n-propylbenzene	12.591	91	317983	23.099	ug/l	97
79) 2-Chlorotoluene	12.676	91	183214	22.838	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	214040	22.669	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.298	75	14640	18.730	ug/l #	83
82) 4-Chlorotoluene	12.773	91	188177	22.816	ug/l	94
83) tert-Butylbenzene	12.993	119	197762	23.137	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	211303	22.609	ug/l	97
85) sec-Butylbenzene	13.170	105	296346	23.866	ug/l	97
86) p-Isopropyltoluene	13.286	119	238225	23.449	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	113196	22.616	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	112736	22.696	ug/l	96
89) n-Butylbenzene	13.615	91	230888	23.773	ug/l	98
90) Hexachloroethane	13.877	117	45844	21.687	ug/l	88
91) 1,2-Dichlorobenzene	13.657	146	105386	23.595	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7756	22.575	ug/l	76
93) 1,2,4-Trichlorobenzene	14.913	180	56109	20.655	ug/l	97
94) Hexachlorobutadiene	15.017	225	32268	22.235	ug/l	97
95) Naphthalene	15.139	128	106451	19.568	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	47814	20.577	ug/l	97

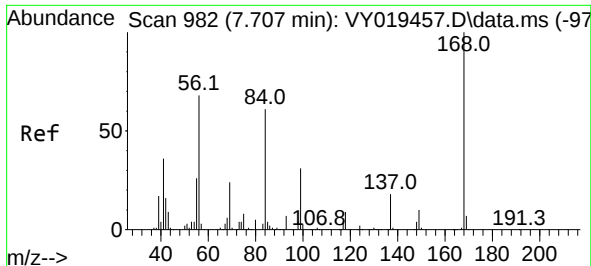
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100724\
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Response via : Initial Calibration

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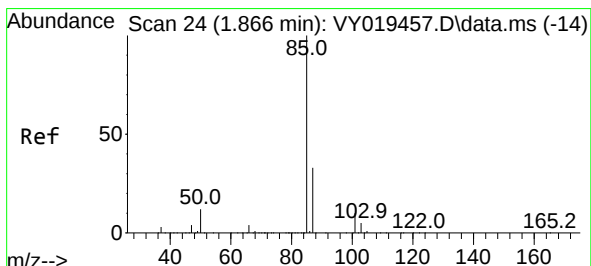
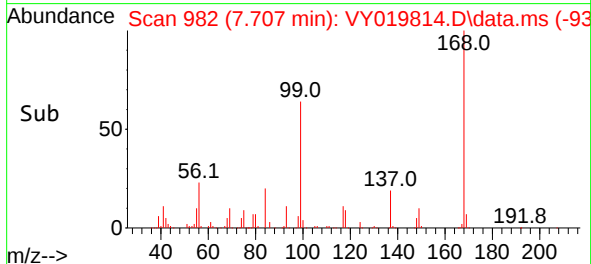
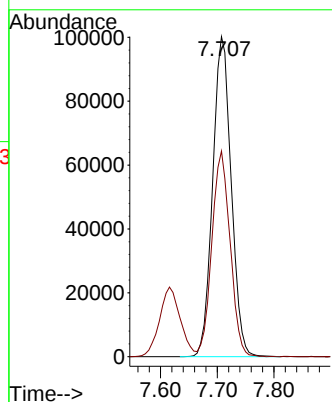
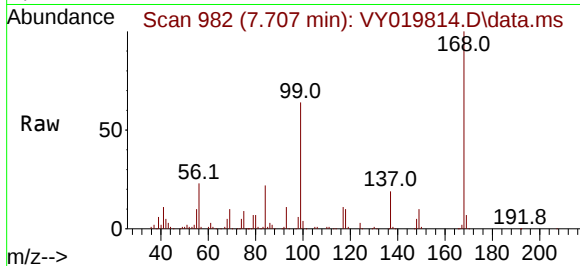
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

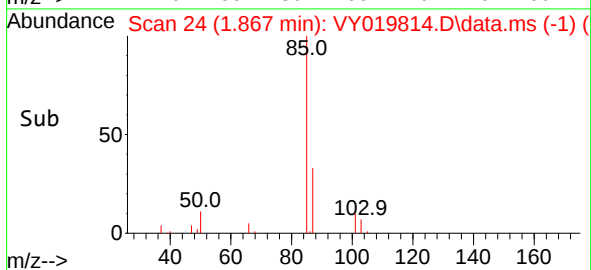
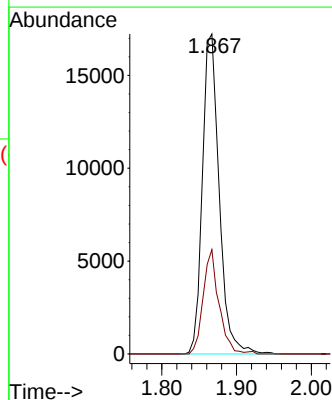
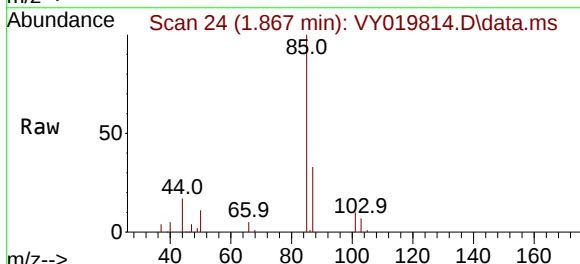
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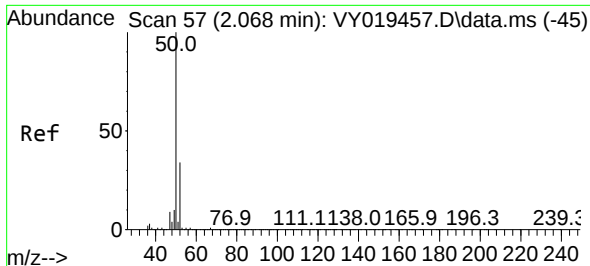
Tgt Ion:168 Resp: 227439
Ion Ratio Lower Upper
168 100
99 64.3 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 19.112 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Tgt Ion: 85 Resp: 26903
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0

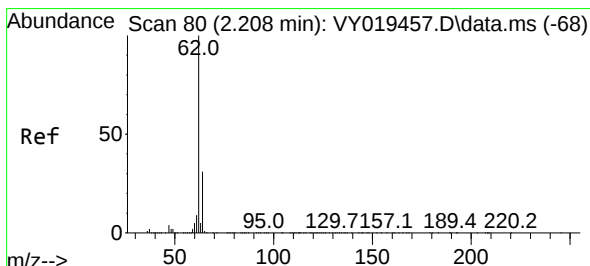
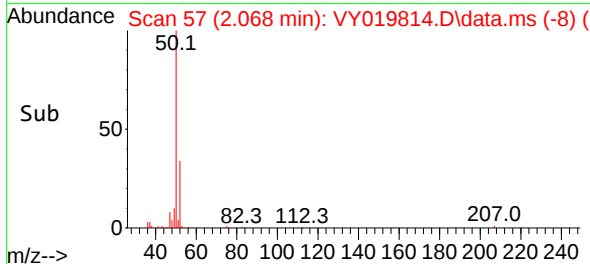
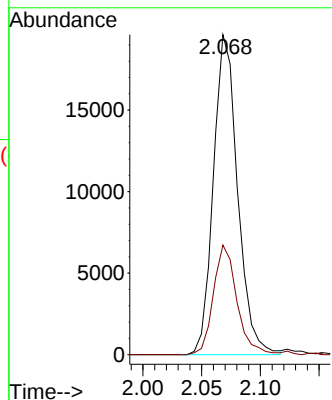
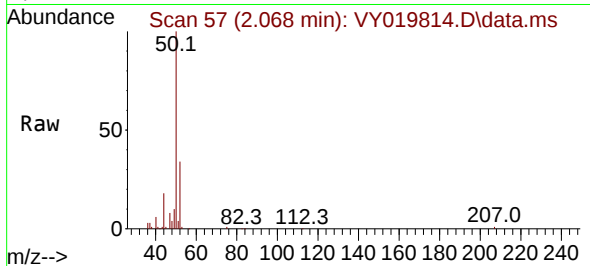




#3
Chloromethane
Concen: 14.957 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

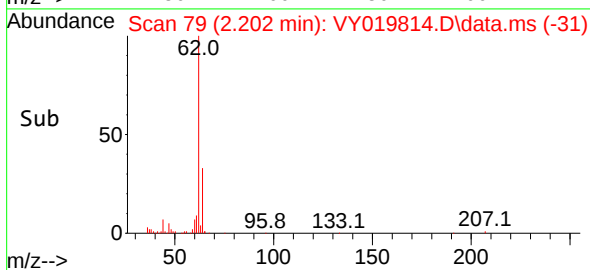
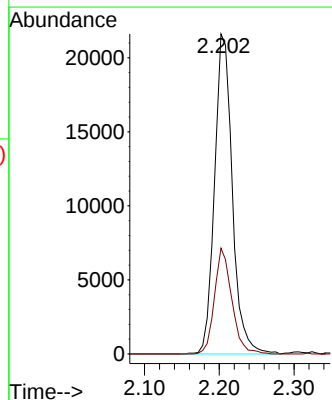
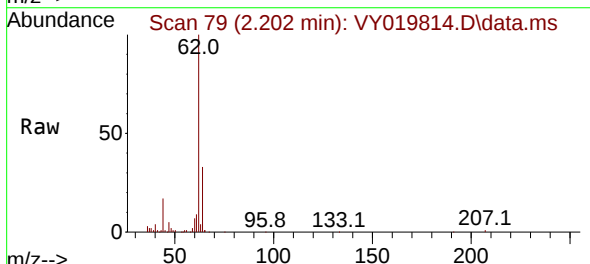
Instrument :
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ClientSampleId :

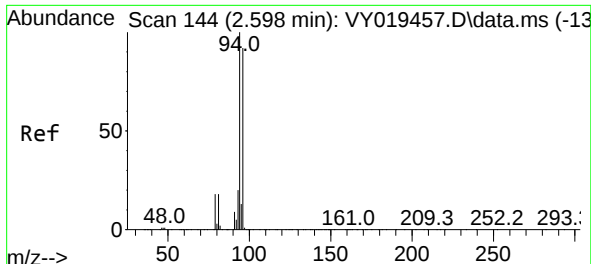
Tgt Ion: 50 Resp: 28145
Ion Ratio Lower Upper
50 100
52 34.3 25.6 38.4



#4
Vinyl Chloride
Concen: 17.544 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Tgt Ion: 62 Resp: 35698
Ion Ratio Lower Upper
62 100
64 33.1 26.1 39.1

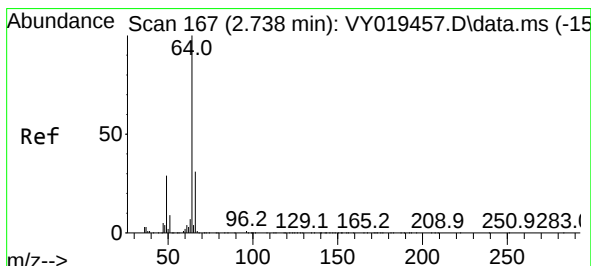
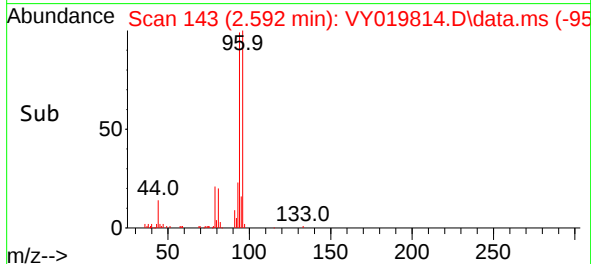
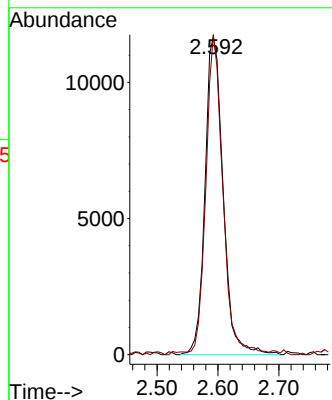
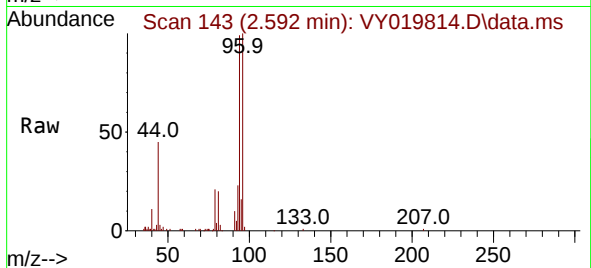




#5
Bromomethane
Concen: 19.339 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

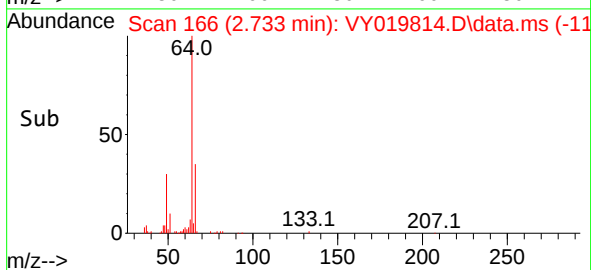
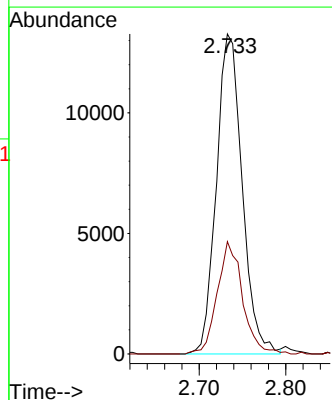
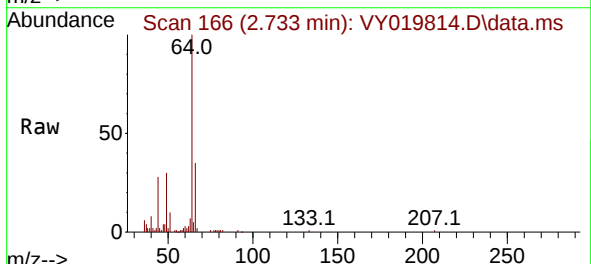
Instrument :
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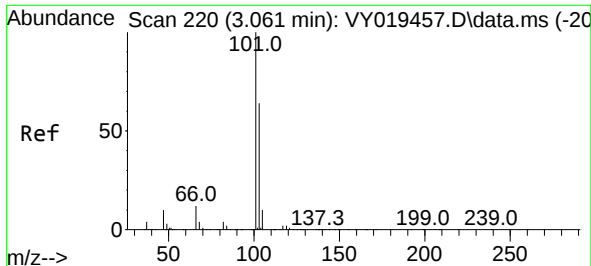
Tgt Ion: 94 Resp: 24171
Ion Ratio Lower Upper
94 100
96 100.1 74.1 111.1



#6
Chloroethane
Concen: 20.636 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Tgt Ion: 64 Resp: 27449
Ion Ratio Lower Upper
64 100
66 35.1 26.1 39.1

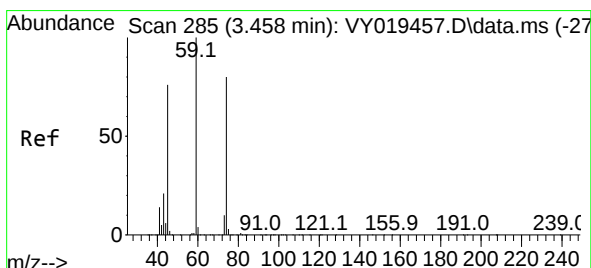
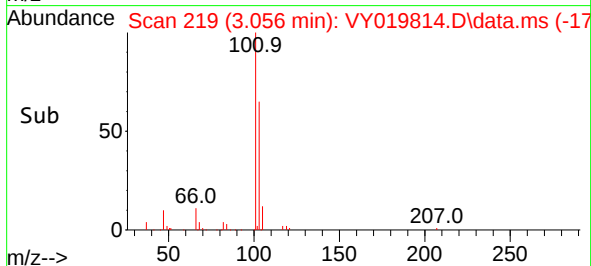
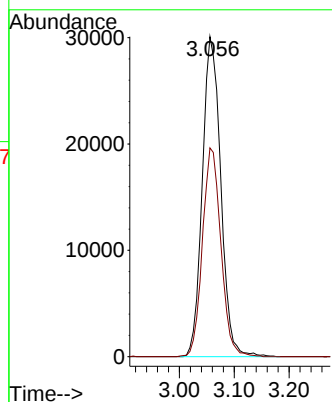
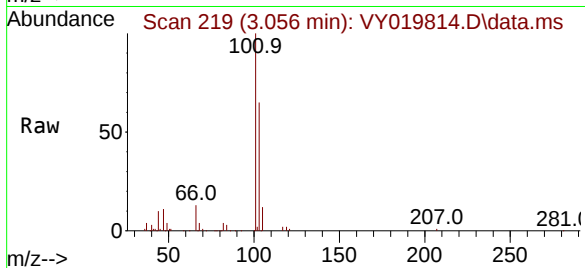




#7
 Trichlorofluoromethane
 Concen: 20.731 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019814.D
 Acq: 07 Oct 2024 16:58

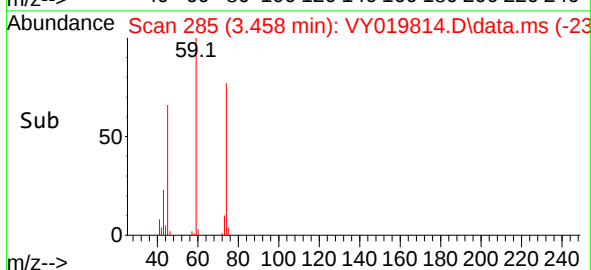
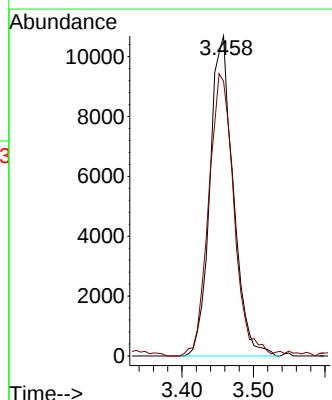
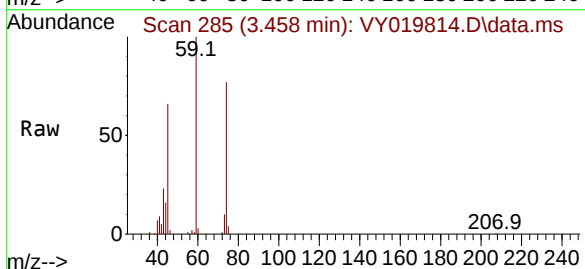
Instrument :
 MSVOA_Y
 ClientSampleId :

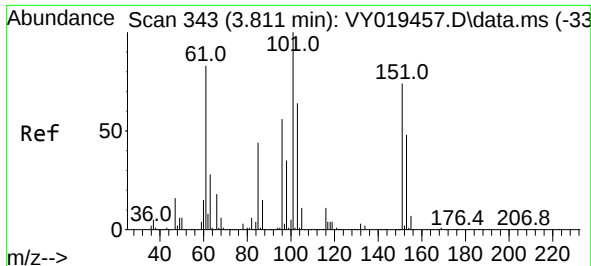
Tgt Ion:101 Resp: 70318
 Ion Ratio Lower Upper
 101 100
 103 65.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.264 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019814.D
 Acq: 07 Oct 2024 16:58

Tgt Ion: 74 Resp: 24210
 Ion Ratio Lower Upper
 74 100
 45 95.3 41.3 124.1

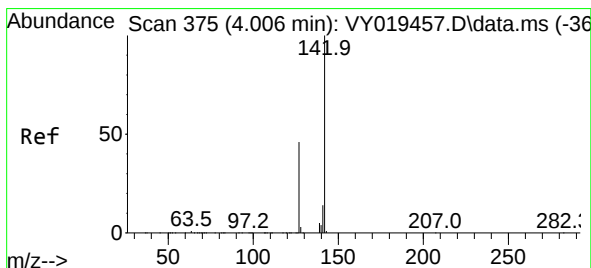
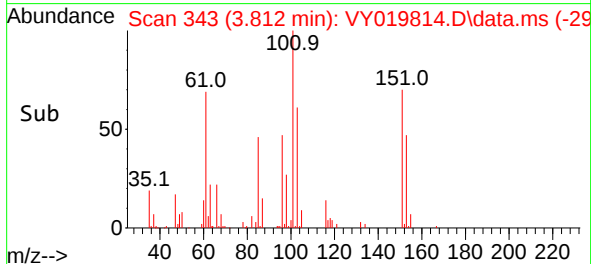
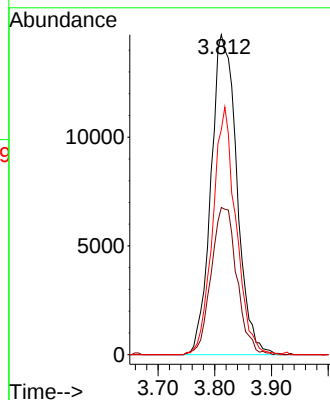
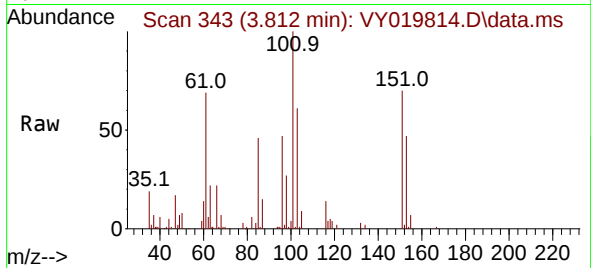




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.175 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

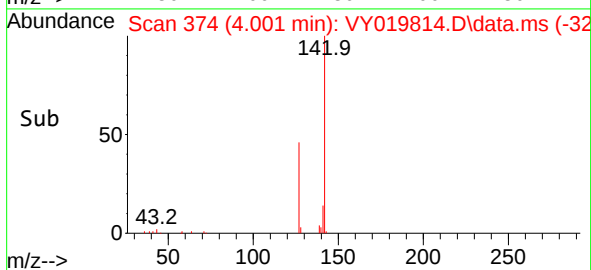
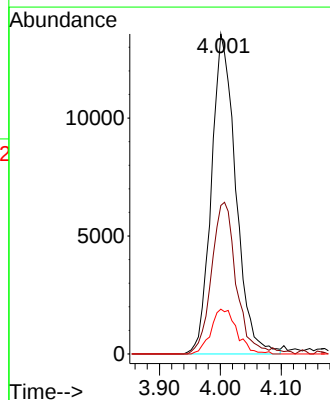
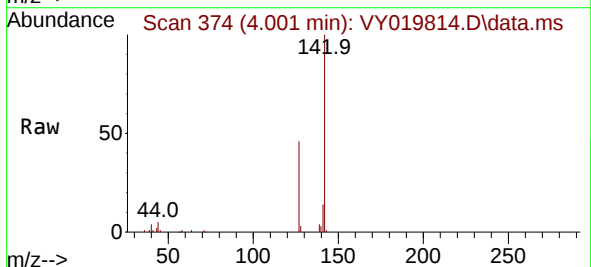
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MSVOA_Y
ClientSampleId :

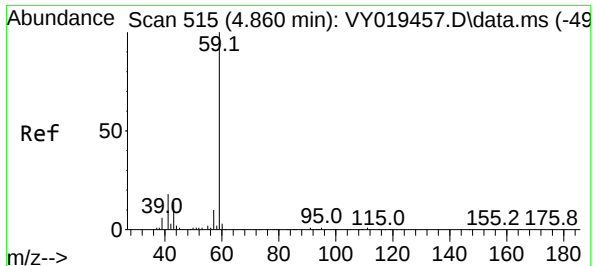
Tgt Ion:101 Resp: 46528
Ion Ratio Lower Upper
101 100
85 45.9 34.5 51.7
151 69.9 61.7 92.5



#10
Methyl Iodide
Concen: 14.015 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Tgt Ion:142 Resp: 37703
Ion Ratio Lower Upper
142 100
127 47.7 32.8 49.2
141 14.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 132.144 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

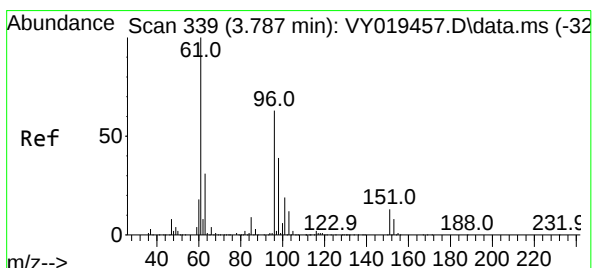
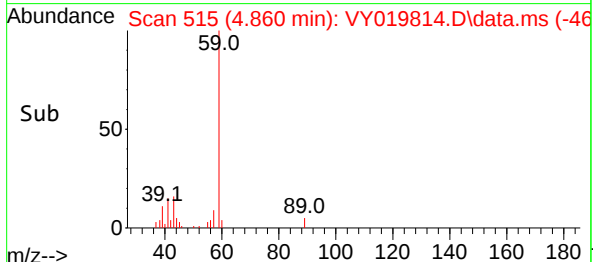
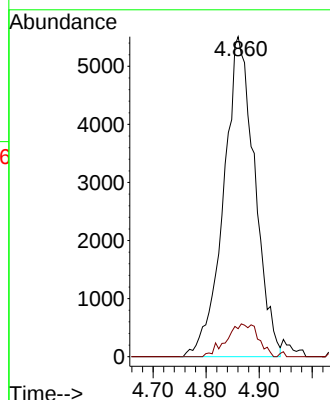
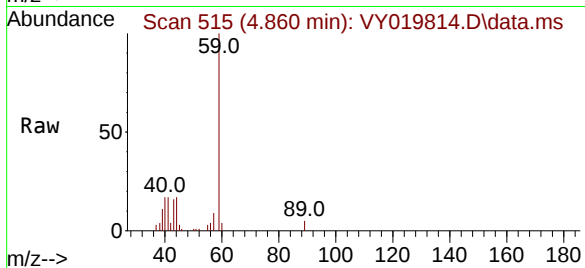
ClientSampleId :

Tgt Ion: 59 Resp: 22475

Ion Ratio Lower Upper

59 100

57 10.4 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 17.771 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

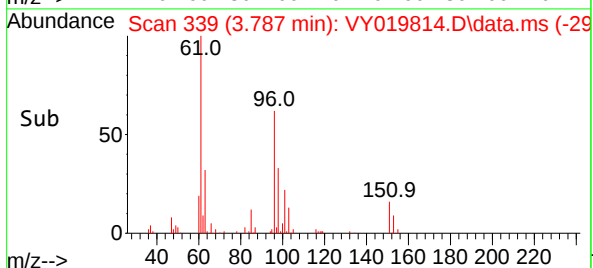
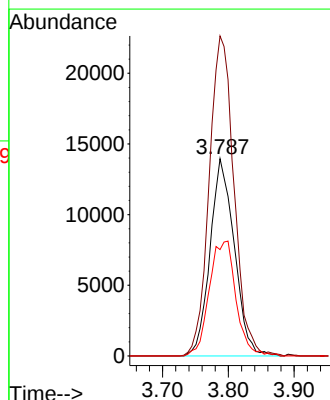
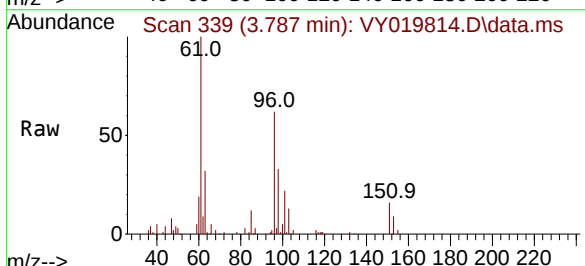
Tgt Ion: 96 Resp: 35860

Ion Ratio Lower Upper

96 100

61 162.1 114.6 171.8

98 53.9 50.8 76.2





#13

Acrolein

Concen: 78.535 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

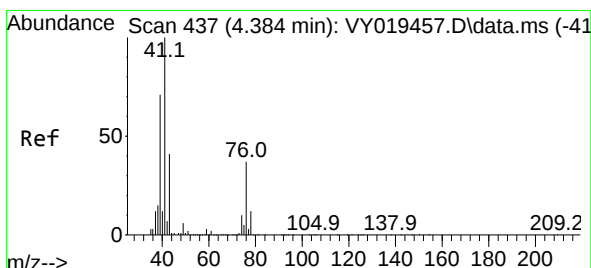
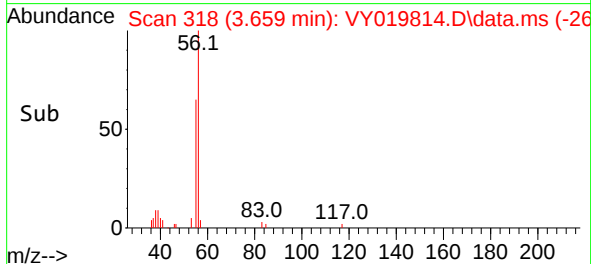
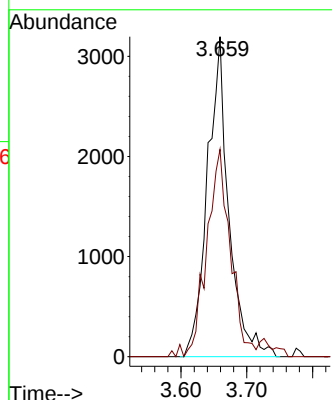
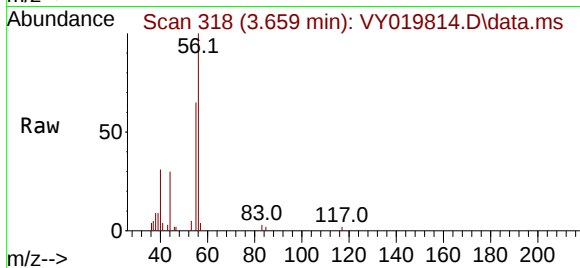
ClientSampleId :

Tgt Ion: 56 Resp: 7235

Ion Ratio Lower Upper

56 100

55 70.9 55.7 83.5



#14

Allyl chloride

Concen: 19.173 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

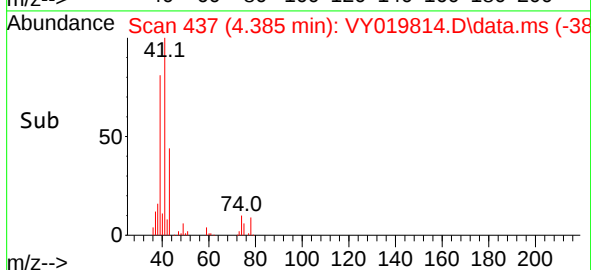
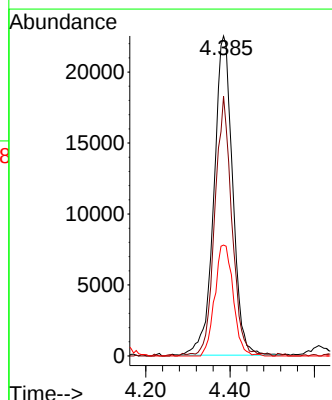
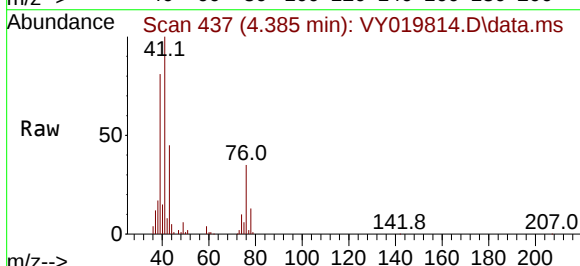
Tgt Ion: 41 Resp: 69380

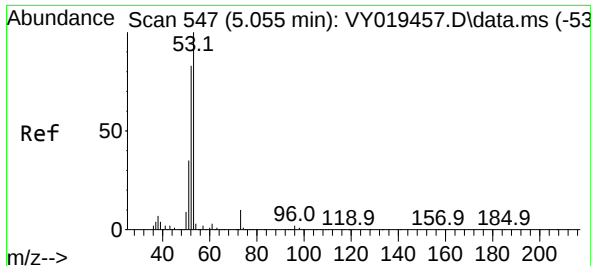
Ion Ratio Lower Upper

41 100

39 74.3 58.3 87.5

76 34.0 39.0 58.6#

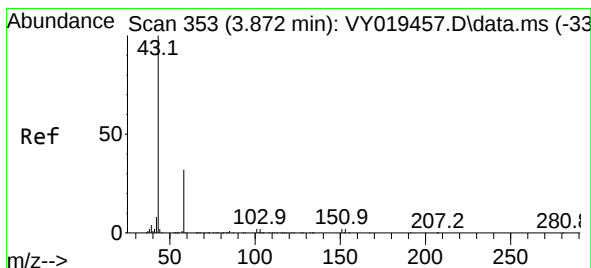
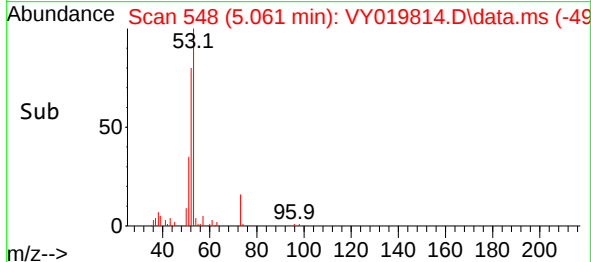
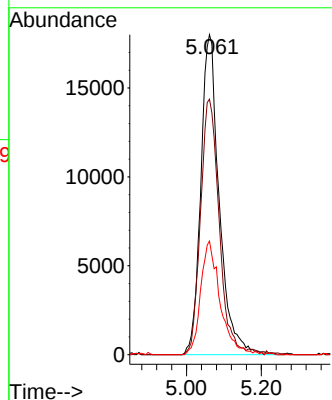
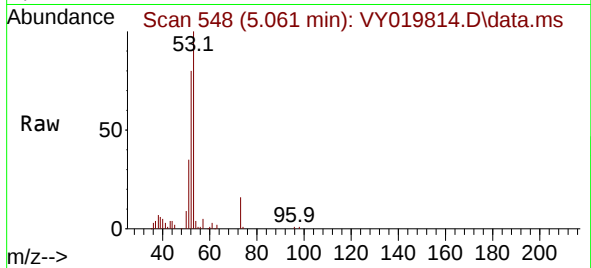




#15
Acrylonitrile
Concen: 125.655 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

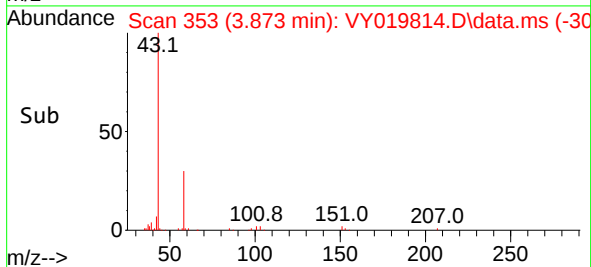
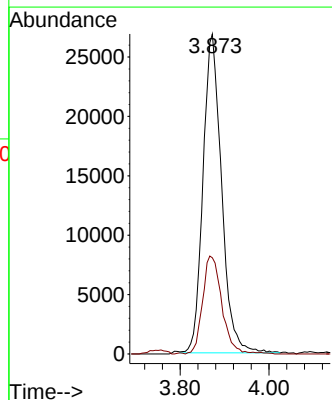
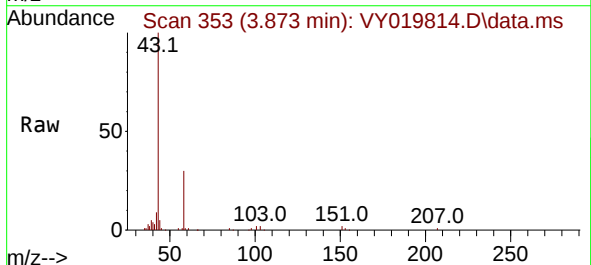
Instrument :
MSVOA_Y
ClientSampleId :

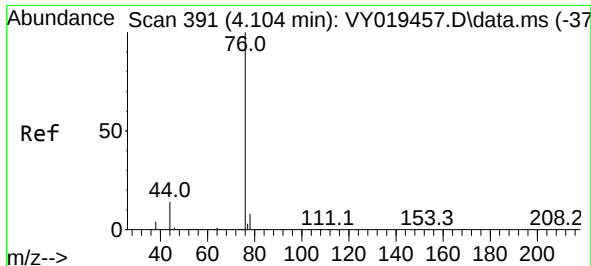
Tgt Ion: 53 Resp: 61687
Ion Ratio Lower Upper
53 100
52 80.3 64.7 97.1
51 37.4 28.4 42.6



#16
Acetone
Concen: 155.611 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Tgt Ion: 43 Resp: 78075
Ion Ratio Lower Upper
43 100
58 30.1 31.7 47.5#

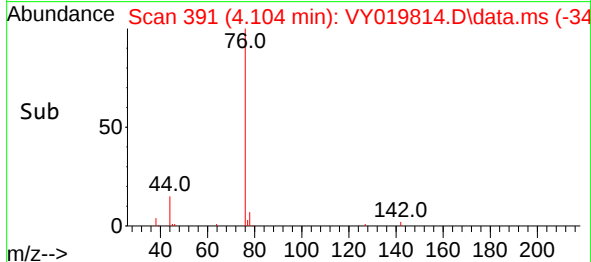
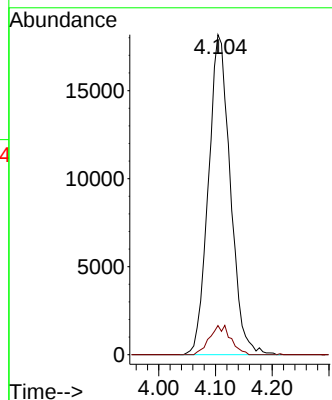
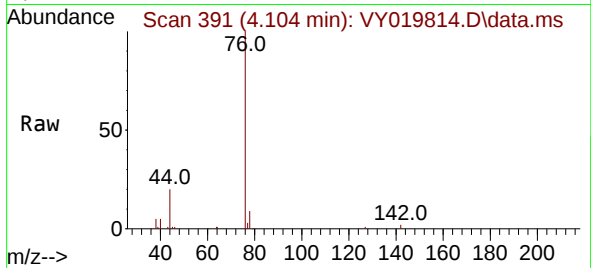




#17
Carbon Disulfide
Concen: 8.946 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

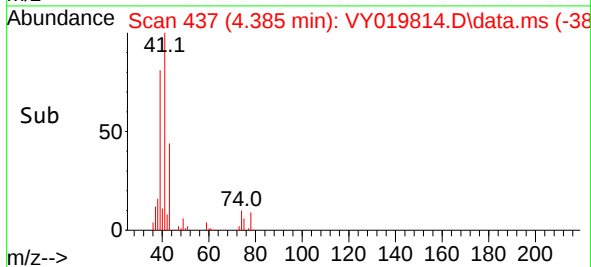
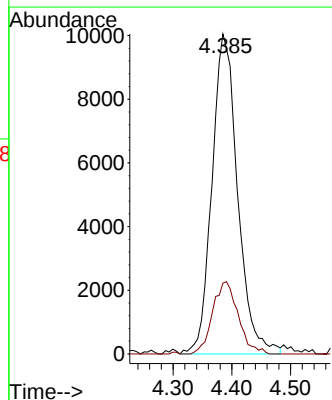
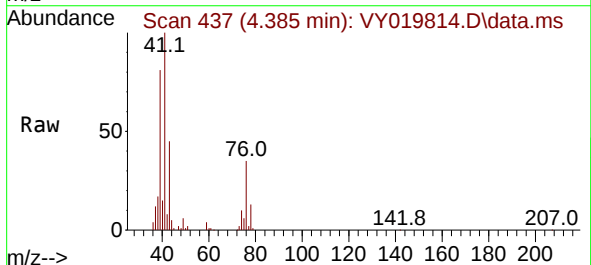
Instrument :
MSVOA_Y
ClientSampleId :

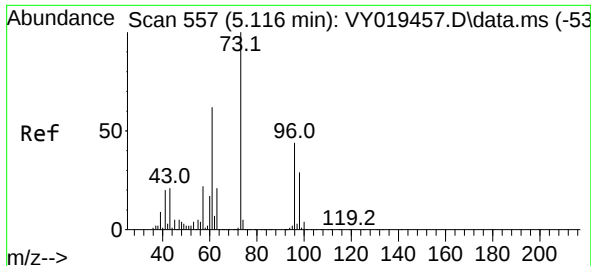
Tgt Ion: 76 Resp: 48775
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 22.421 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Tgt Ion: 43 Resp: 30528
Ion Ratio Lower Upper
43 100
74 22.5 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 23.712 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

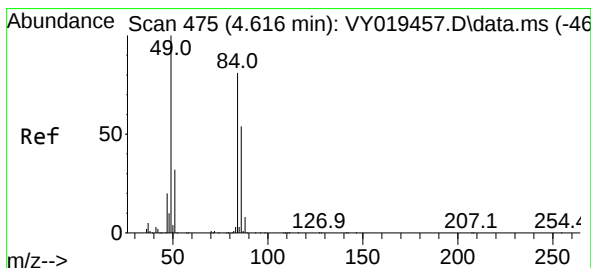
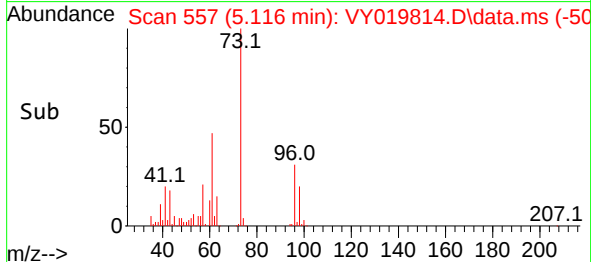
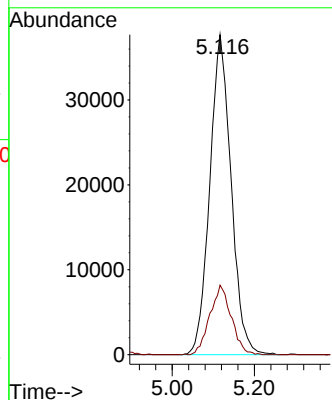
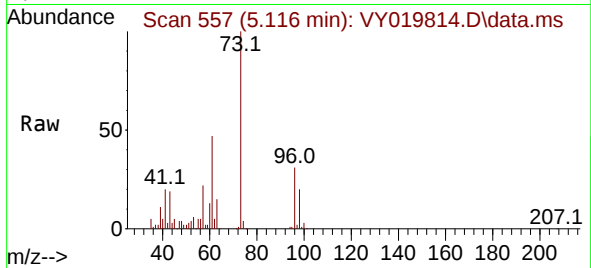
ClientSampleId :

Tgt Ion: 73 Resp: 135515

Ion Ratio Lower Upper

73 100

57 21.7 17.3 25.9



#20

Methylene Chloride

Concen: 21.387 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Tgt Ion: 84 Resp: 48937

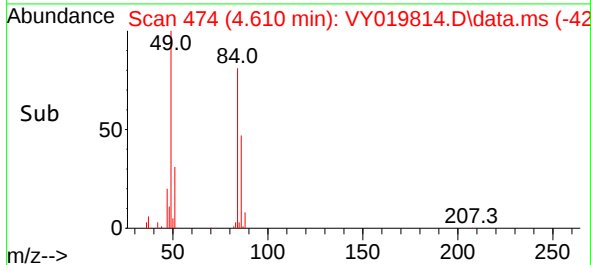
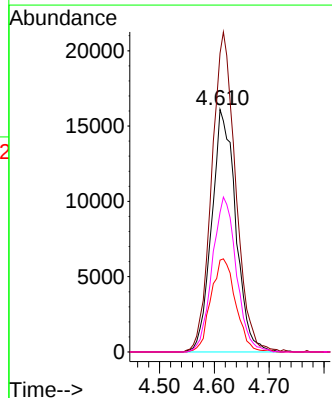
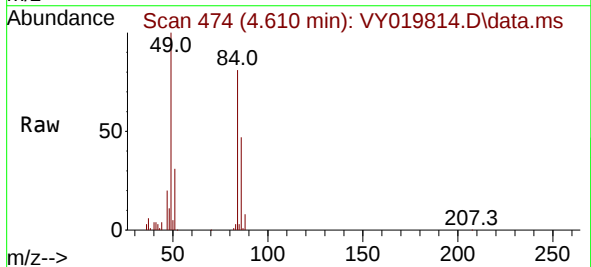
Ion Ratio Lower Upper

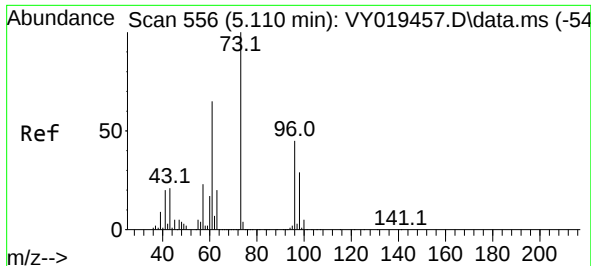
84 100

49 123.3 84.4 126.6

51 37.9 26.0 39.0

86 57.6 49.5 74.3

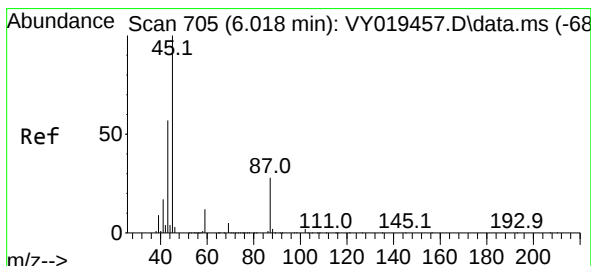
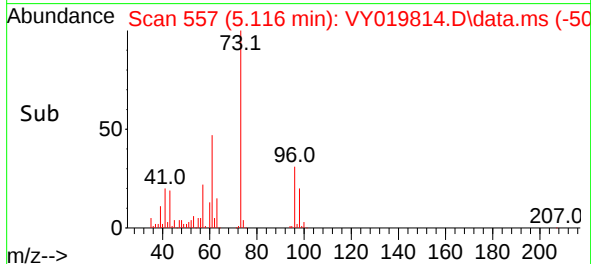
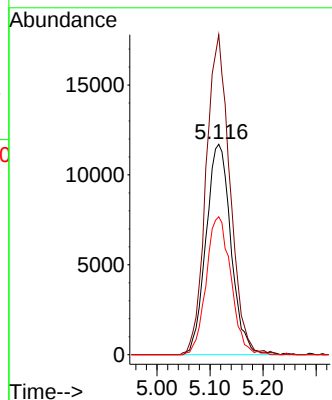
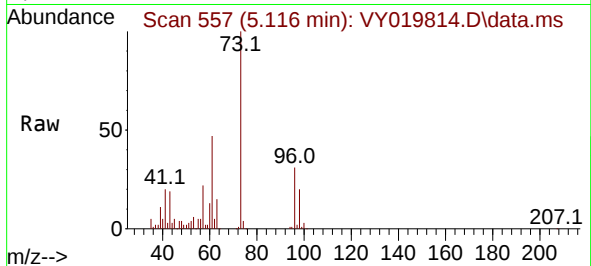




#21
trans-1,2-Dichloroethene
Concen: 17.298 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

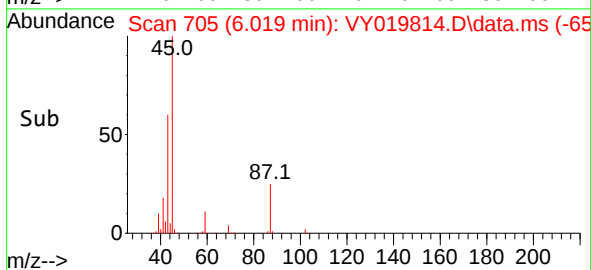
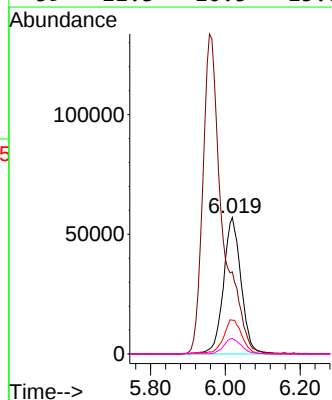
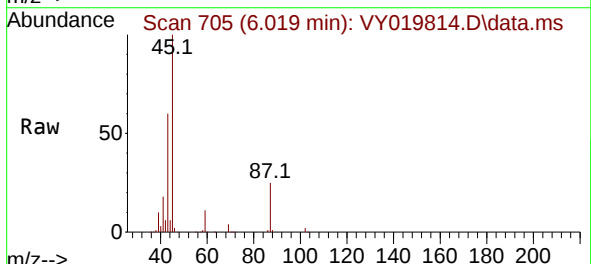
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 38259
Ion Ratio Lower Upper
96 100
61 152.0 97.5 146.3#
98 65.5 50.5 75.7



#22
Diisopropyl ether
Concen: 25.051 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Tgt Ion: 45 Resp: 186152
Ion Ratio Lower Upper
45 100
43 60.1 42.2 63.2
87 24.7 25.0 37.6#
59 11.3 10.5 15.7

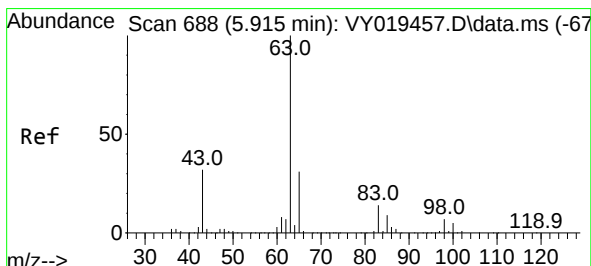
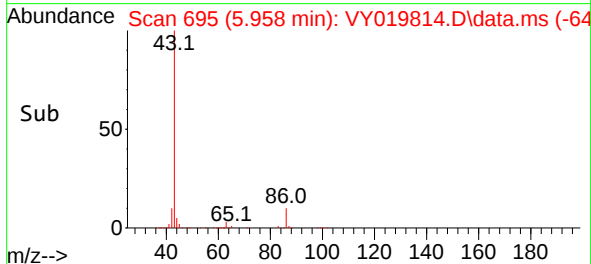
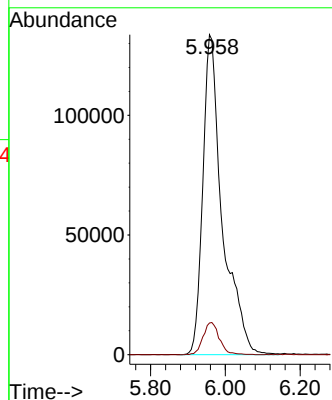
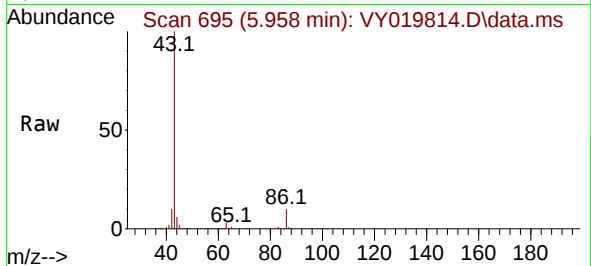




#23
 Vinyl Acetate
 Concen: 114.454 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019814.D
 Acq: 07 Oct 2024 16:58

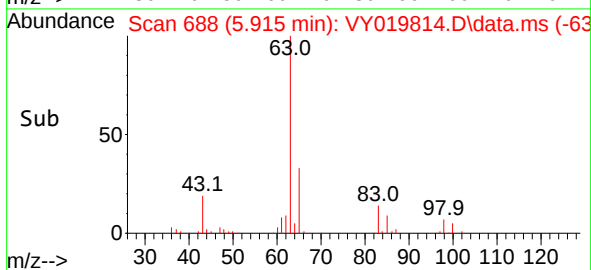
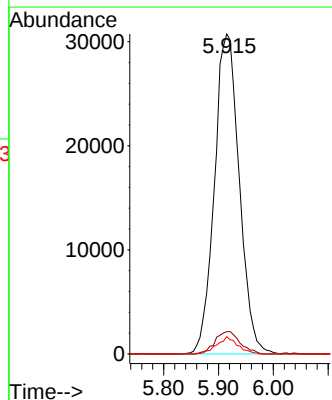
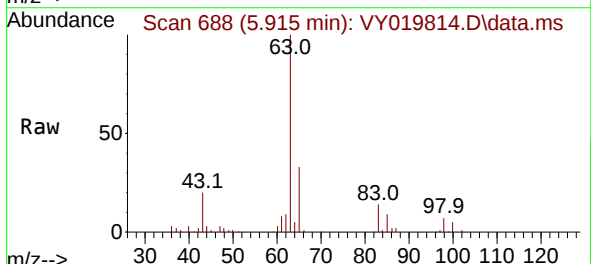
Instrument :
 MSVOA_Y
 ClientSampleId :

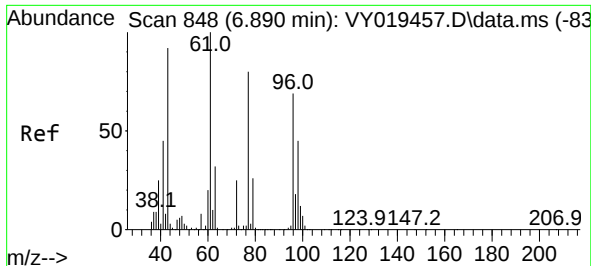
Tgt Ion: 43 Resp: 485799
 Ion Ratio Lower Upper
 43 100
 86 9.9 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 23.222 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019814.D
 Acq: 07 Oct 2024 16:58

Tgt Ion: 63 Resp: 96832
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 5.4 2.6 8.0

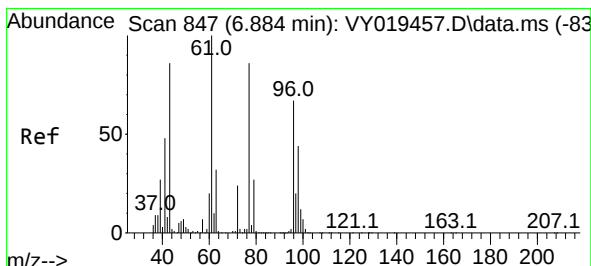
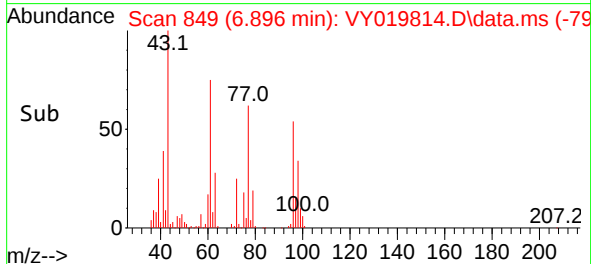
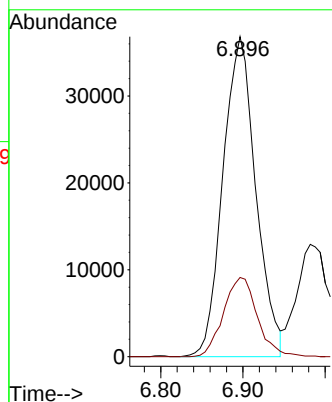
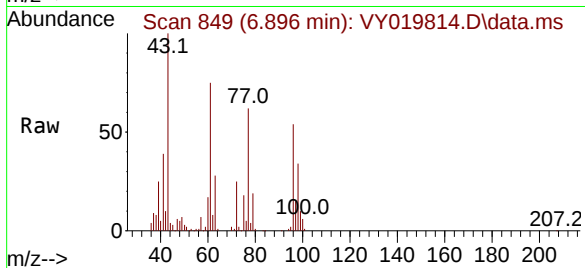




#25
2-Butanone
Concen: 143.355 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

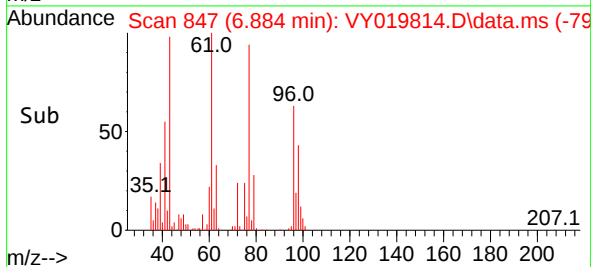
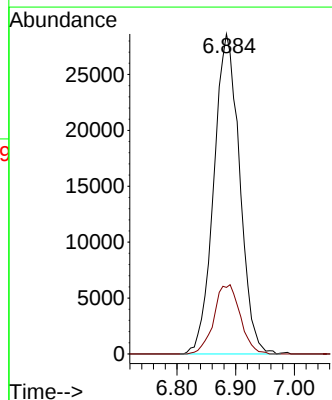
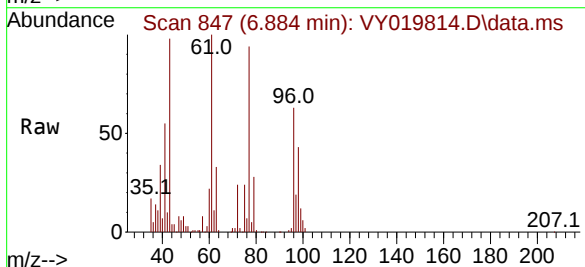
Instrument :
MSVOA_Y
ClientSampleId :

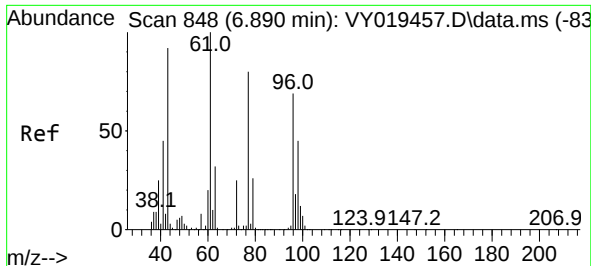
Tgt Ion: 43 Resp: 102297
Ion Ratio Lower Upper
43 100
72 24.8 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 23.189 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

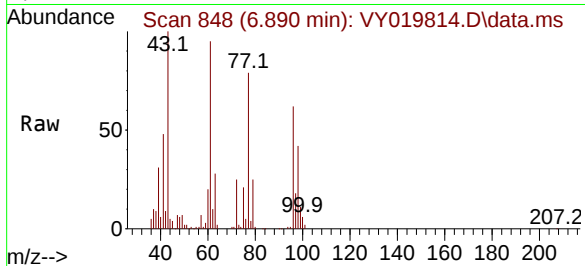
Tgt Ion: 77 Resp: 87223
Ion Ratio Lower Upper
77 100
97 22.1 12.0 36.1



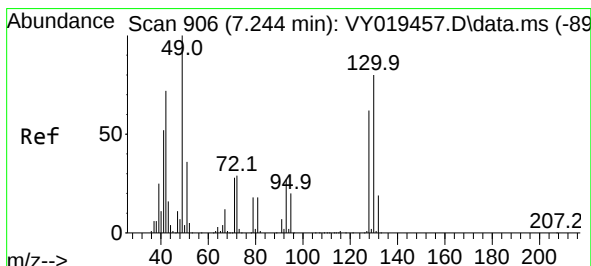
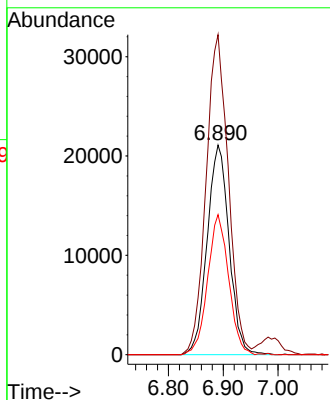
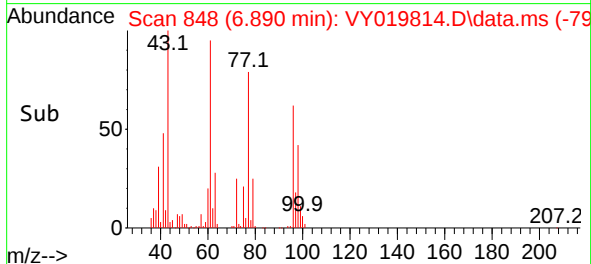


#27
 cis-1,2-Dichloroethene
 Concen: 21.806 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019814.D
 Acq: 07 Oct 2024 16:58

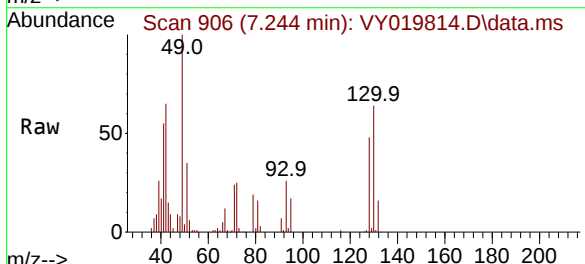
Instrument :
 MSVOA_Y
 ClientSampleId :



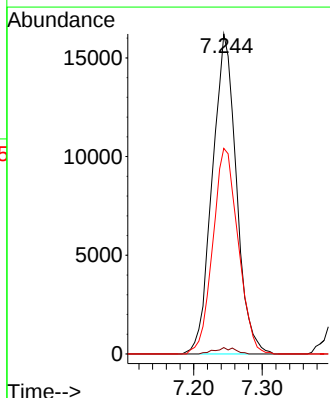
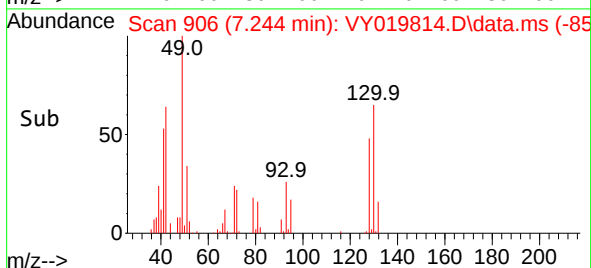
Tgt Ion: 96 Resp: 58587
 Ion Ratio Lower Upper
 96 100
 61 154.8 0.0 256.2
 98 64.1 0.0 130.0

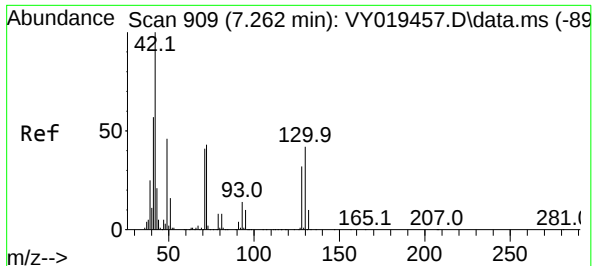


#28
 Bromochloromethane
 Concen: 22.494 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019814.D
 Acq: 07 Oct 2024 16:58



Tgt Ion: 49 Resp: 39465
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 67.7 72.7 109.1#





#29

Tetrahydrofuran

Concen: 117.447 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

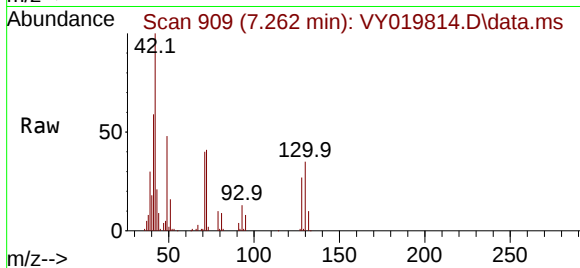
Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

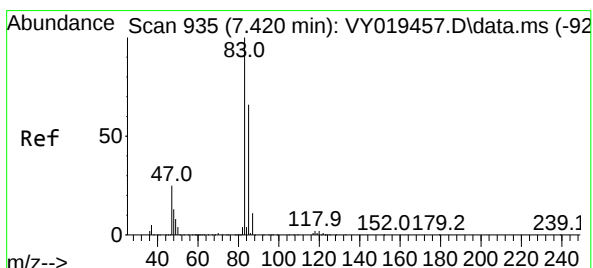
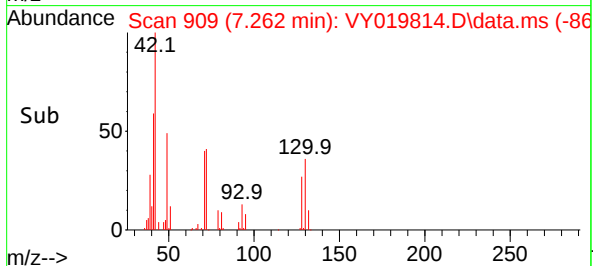
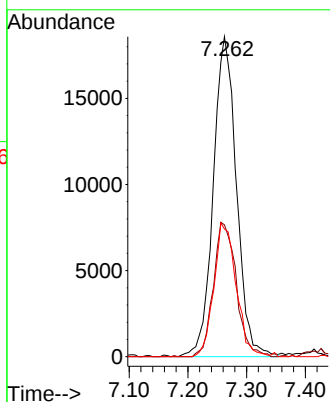
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	50957
Ion	Ratio	Lower	Upper
42	100		
72	41.5	43.0	64.4#
71	40.1	40.8	61.2#



#30

Chloroform

Concen: 25.017 ug/l

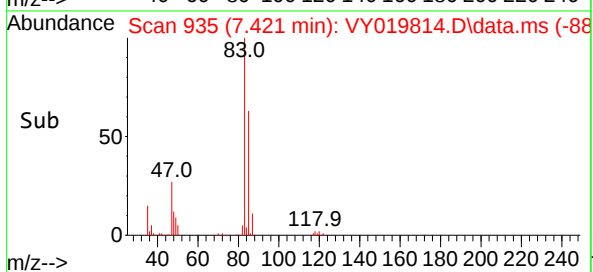
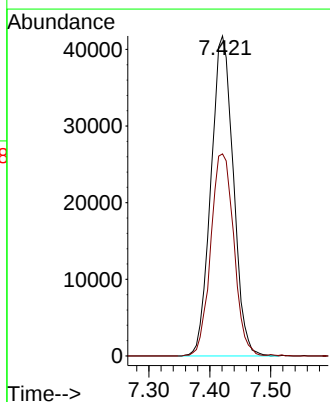
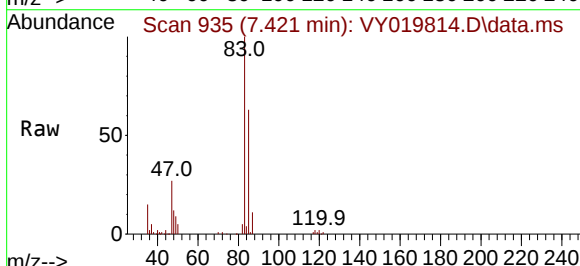
RT: 7.421 min Scan# 935

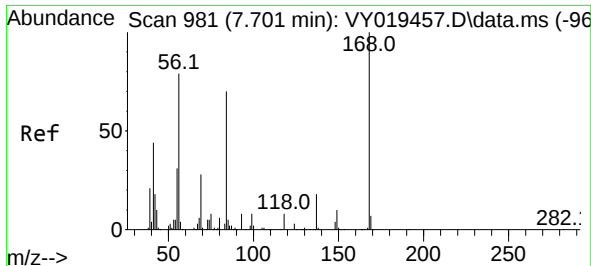
Delta R.T. 0.000 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Tgt Ion:	83	Resp:	106490
Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.2	78.4

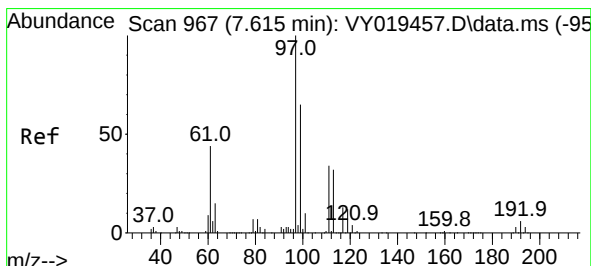
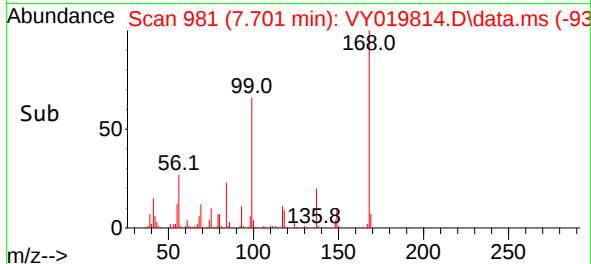
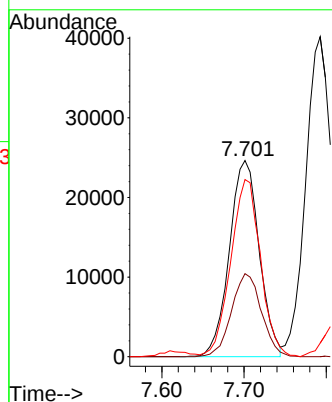
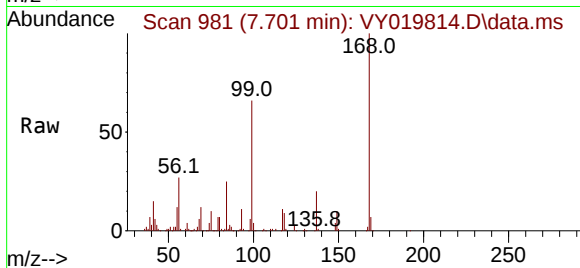




#31
Cyclohexane
Concen: 16.551 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

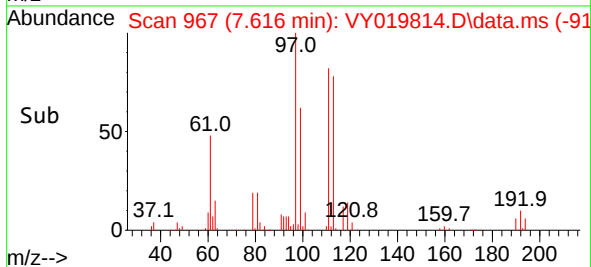
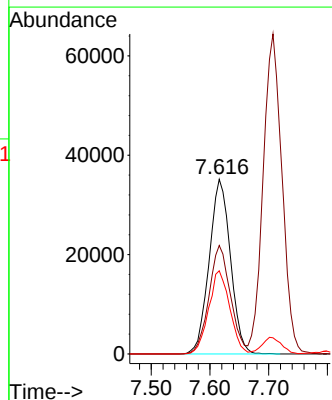
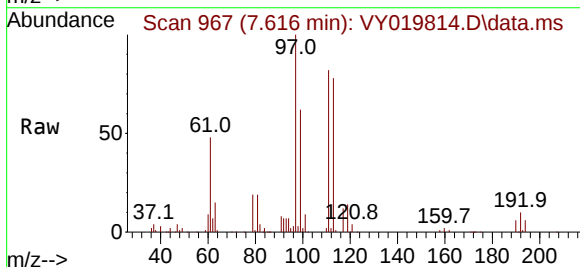
Instrument :
MSVOA_Y
ClientSampleId :

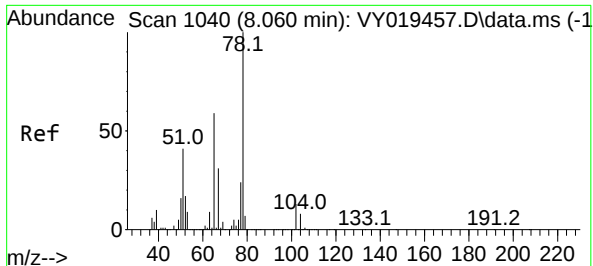
Tgt Ion: 56 Resp: 62381
Ion Ratio Lower Upper
56 100
69 42.4 28.7 43.1
84 88.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 23.176 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Tgt Ion: 97 Resp: 88426
Ion Ratio Lower Upper
97 100
99 62.9 50.3 75.5
61 47.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 58.805 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

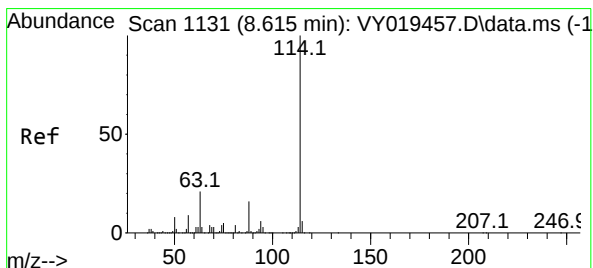
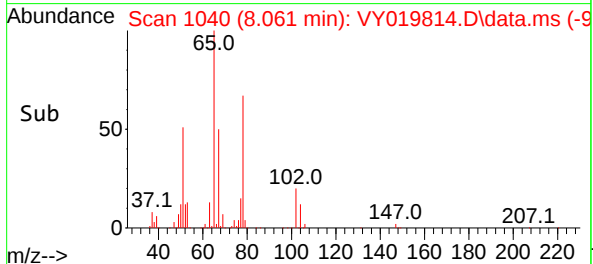
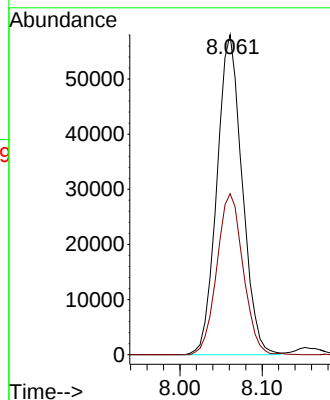
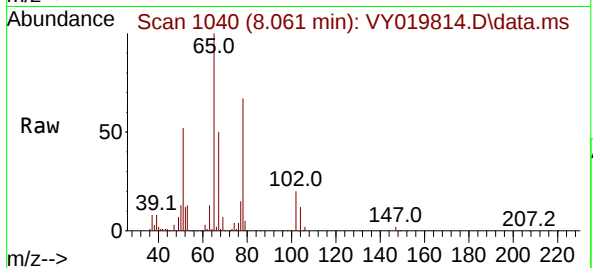
ClientSampleId :

Tgt Ion: 65 Resp: 123846

Ion Ratio Lower Upper

65 100

67 52.3 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: VY019814.D

Acq: 07 Oct 2024 16:58

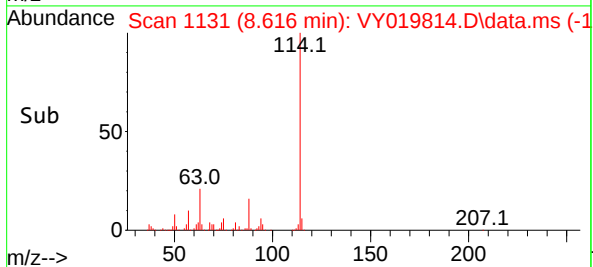
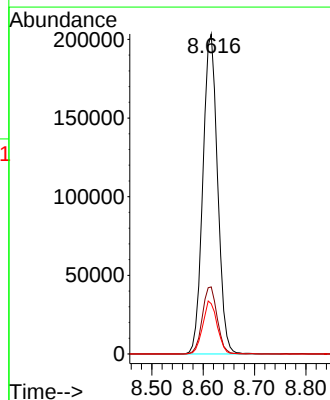
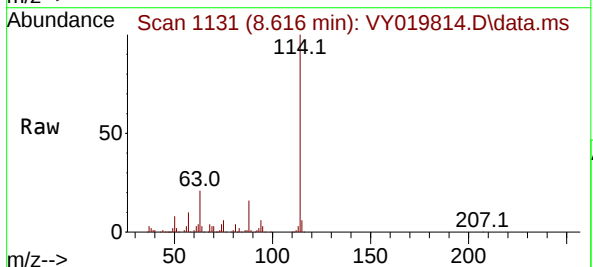
Tgt Ion: 114 Resp: 403959

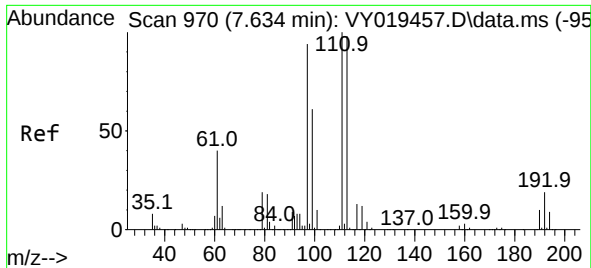
Ion Ratio Lower Upper

114 100

63 21.0 0.0 35.0

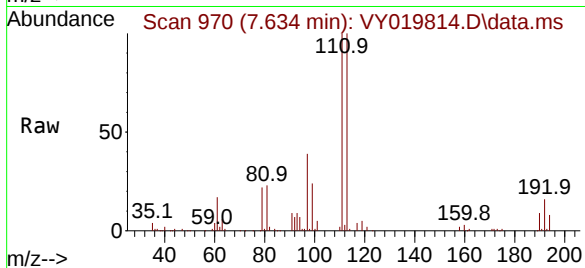
88 15.7 0.0 27.2



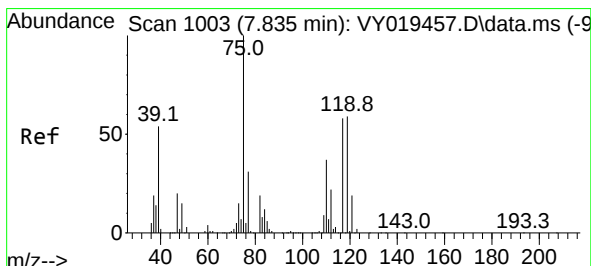
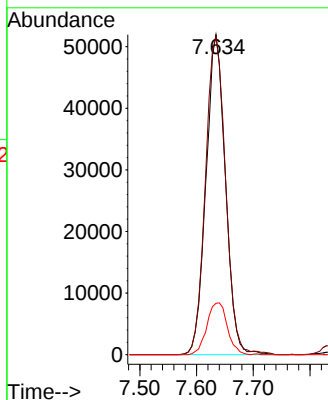
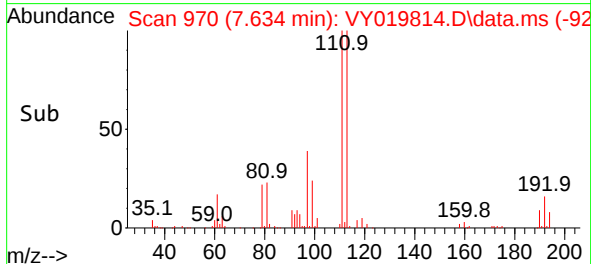


#35
Dibromofluoromethane
Concen: 53.971 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

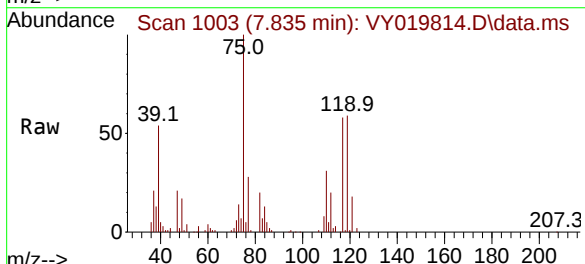
Instrument :
MSVOA_Y
ClientSampleId :



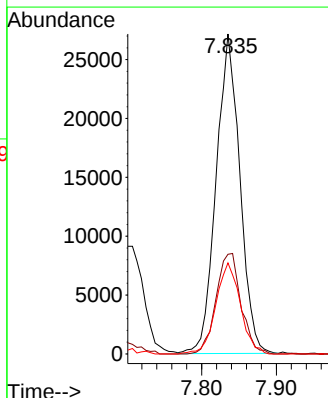
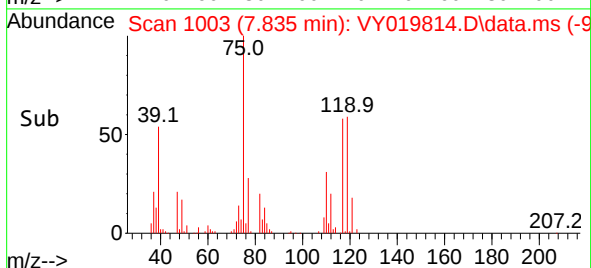
Tgt Ion:113 Resp: 123614
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.224 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58



Tgt Ion: 75 Resp: 59912
Ion Ratio Lower Upper
75 100
110 33.1 19.0 57.0
77 29.4 25.3 37.9





#37

Ethyl Acetate

Concen: 23.406 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

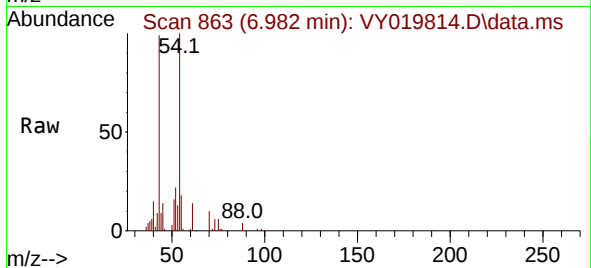
Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :



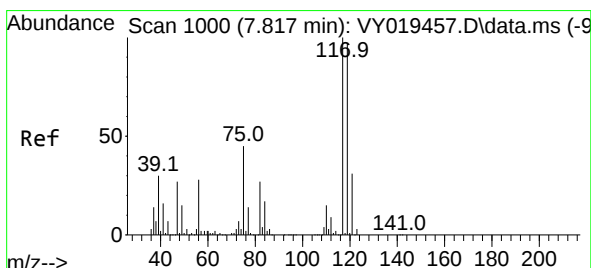
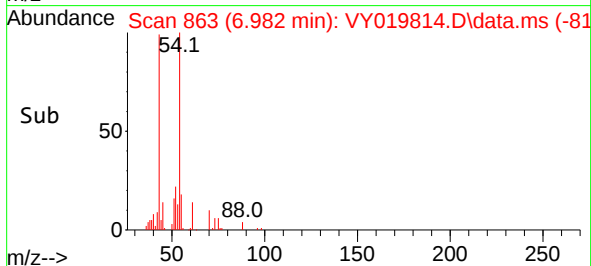
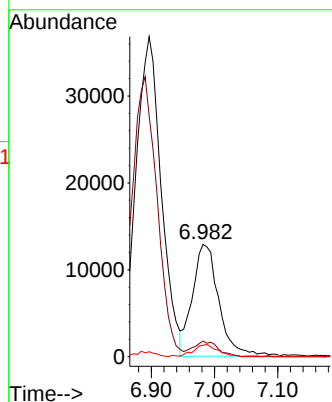
Tgt Ion: 43 Resp: 37375

Ion Ratio Lower Upper

43 100

61 13.0 12.6 19.0

70 10.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.092 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

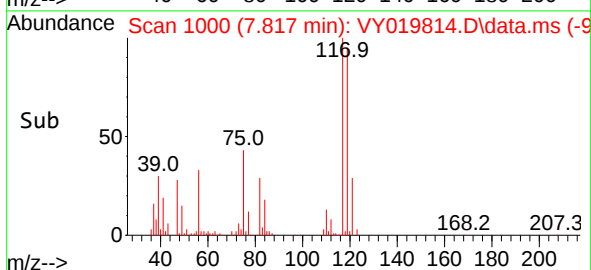
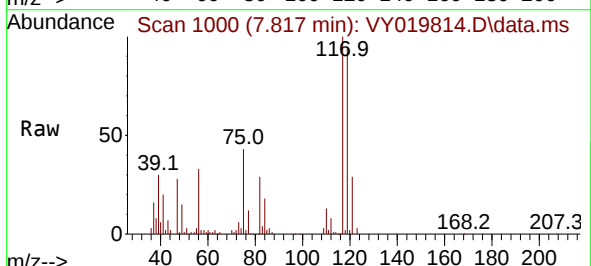
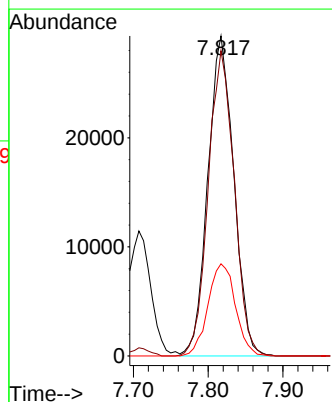
Tgt Ion: 117 Resp: 70613

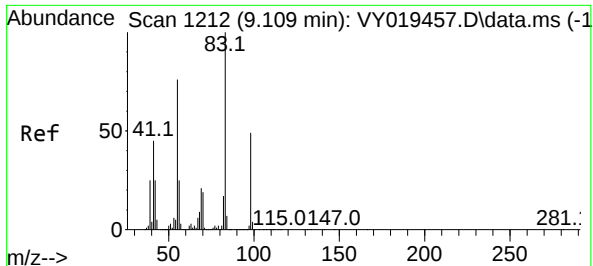
Ion Ratio Lower Upper

117 100

119 95.4 75.8 113.6

121 28.8 24.0 36.0





#39

Methylcyclohexane

Concen: 15.705 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

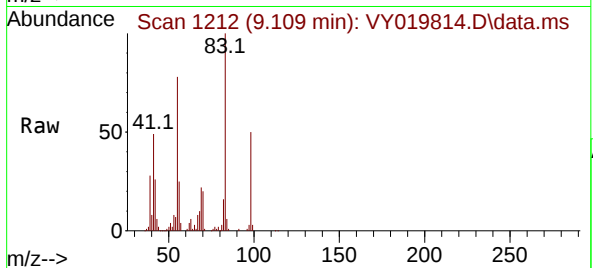
Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

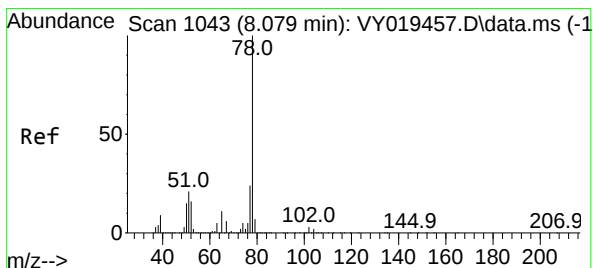
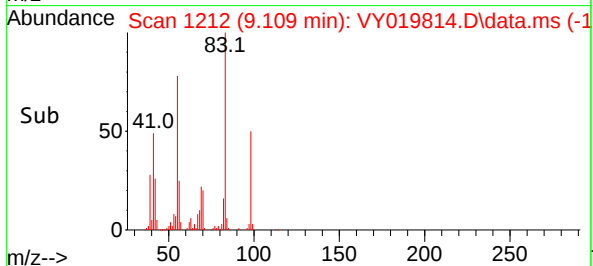
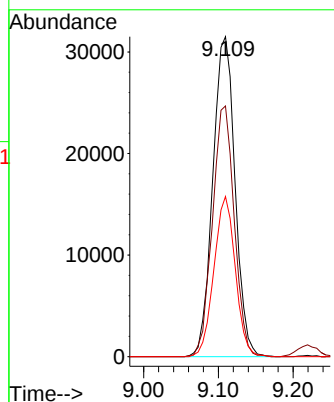
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	83	Resp:	65137
Ion	Ratio	Lower	Upper
83	100		
55	78.3	51.5	77.3#
98	50.1	40.5	60.7



#40

Benzene

Concen: 20.084 ug/l

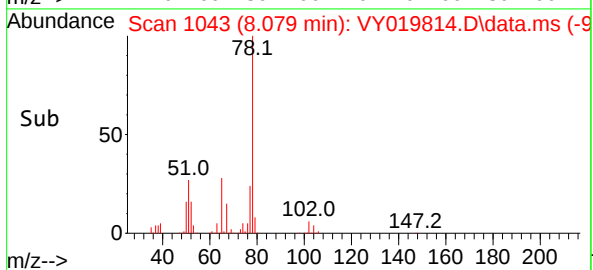
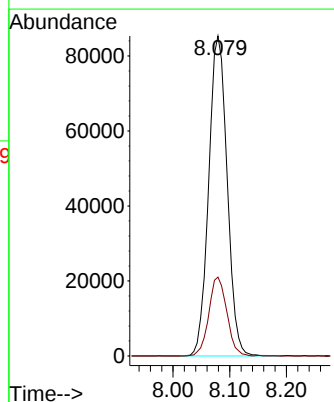
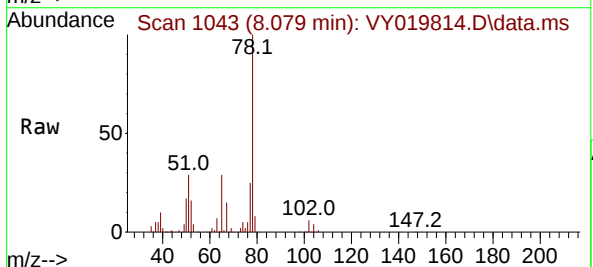
RT: 8.079 min Scan# 1043

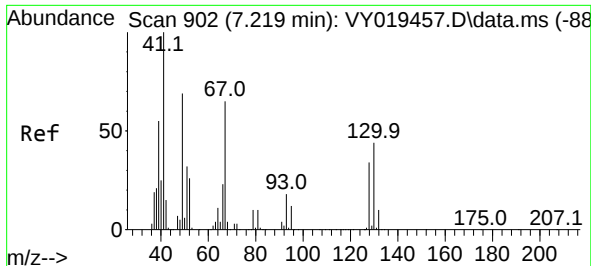
Delta R.T. 0.000 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

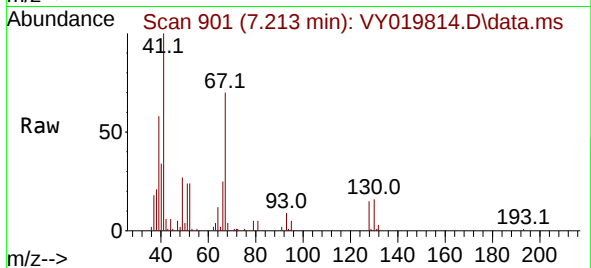
Tgt Ion:	78	Resp:	192788
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.5	29.3



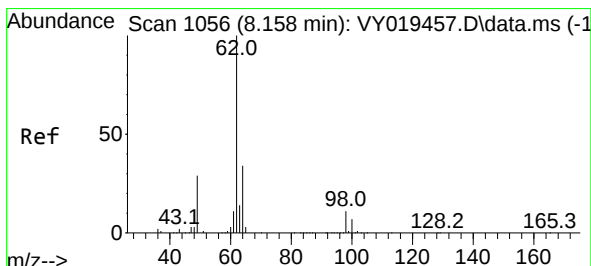
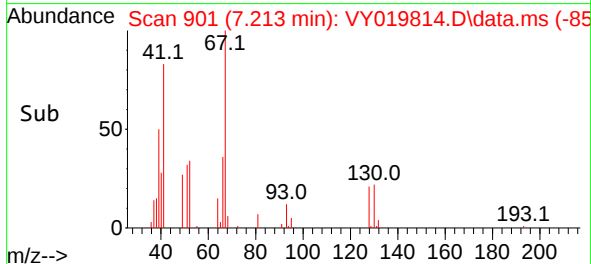
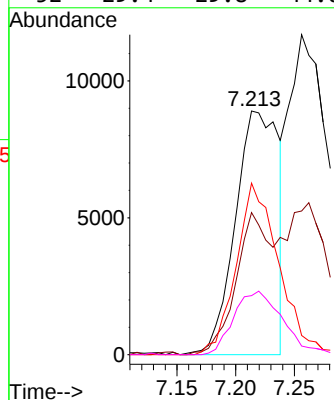


#41
Methacrylonitrile
Concen: 24.530 ug/l
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Instrument :
MSVOA_Y
ClientSampleId :

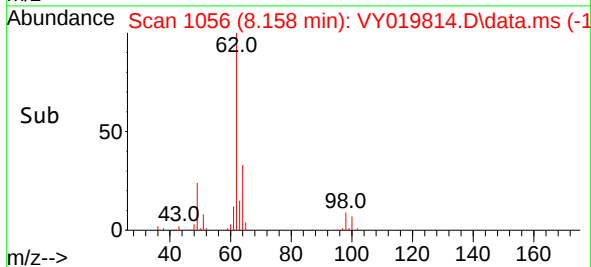
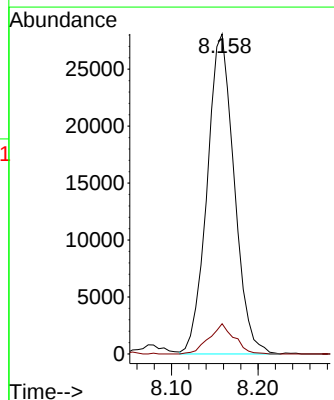
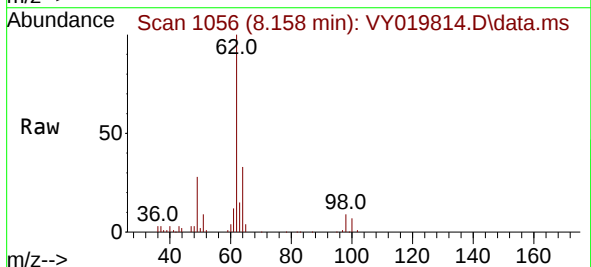


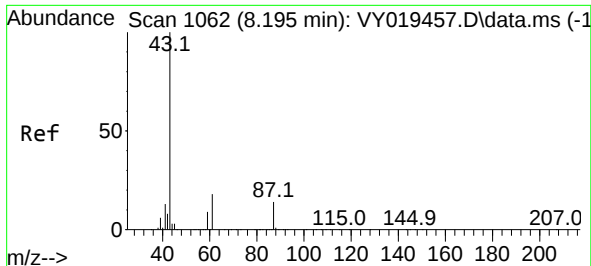
Tgt Ion:	41	Resp:	22833
Ion	Ratio	Lower	Upper
41	100		
39	46.4	48.0	72.0#
67	69.6	75.1	112.7#
52	29.4	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 23.618 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Tgt Ion:	62	Resp:	61005
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	22.0





#43

Isopropyl Acetate

Concen: 22.504 ug/l

RT: 8.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019814.D

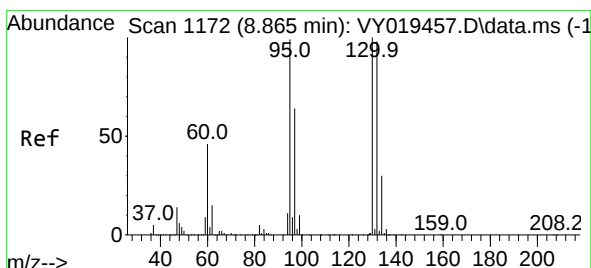
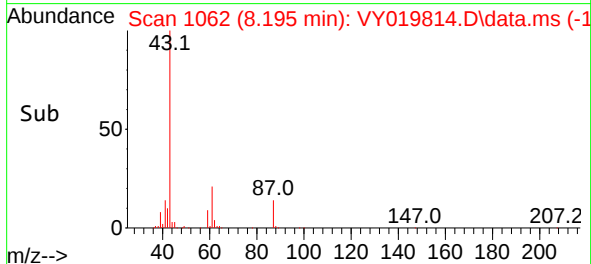
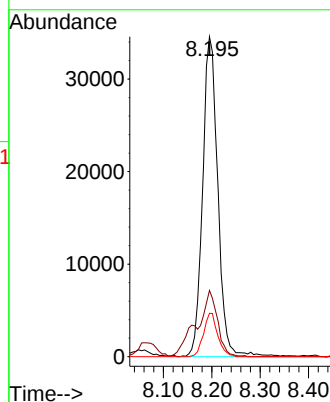
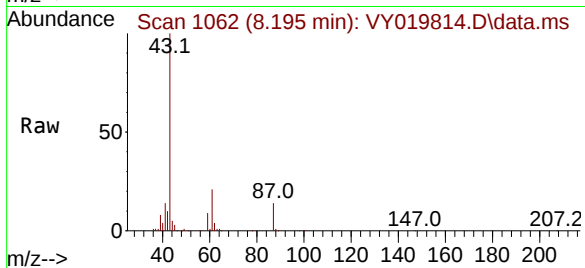
Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 75496
Ion Ratio	Lower Upper
43	100
61	19.6 27.9 41.9#
87	12.7 13.1 19.7#



#44

Trichloroethene

Concen: 19.191 ug/l

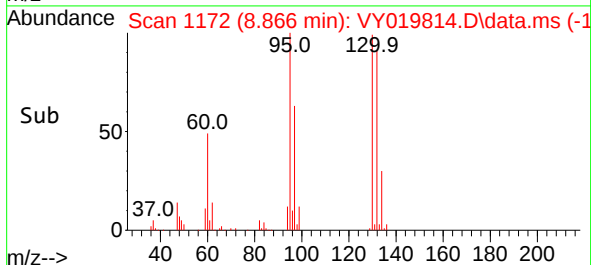
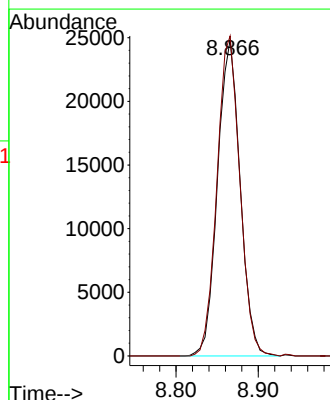
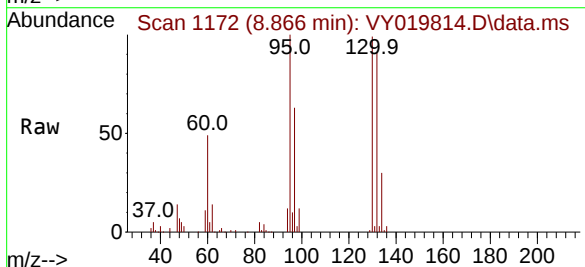
RT: 8.866 min Scan# 1172

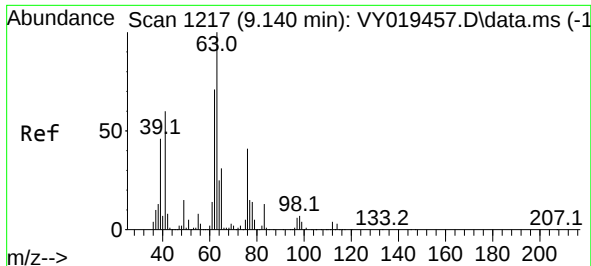
Delta R.T. 0.000 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Tgt Ion: 130	Resp: 47378
Ion Ratio	Lower Upper
130	100
95	101.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 22.952 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

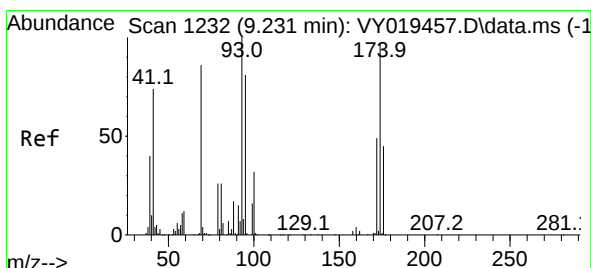
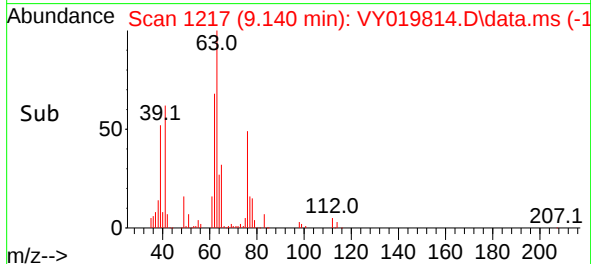
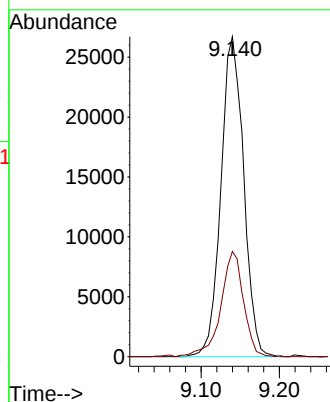
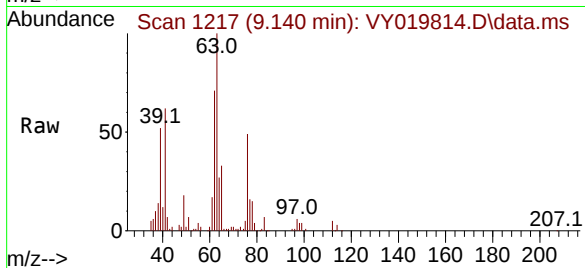
ClientSampleId :

Tgt Ion: 63 Resp: 53861

Ion Ratio Lower Upper

63 100

65 32.6 25.4 38.2



#46

Dibromomethane

Concen: 21.620 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

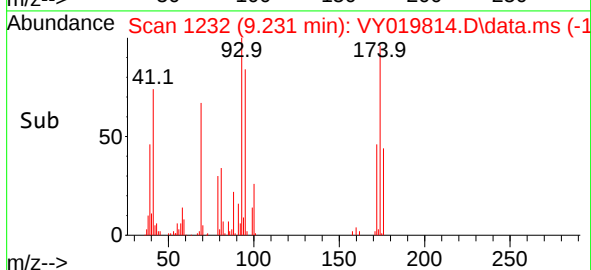
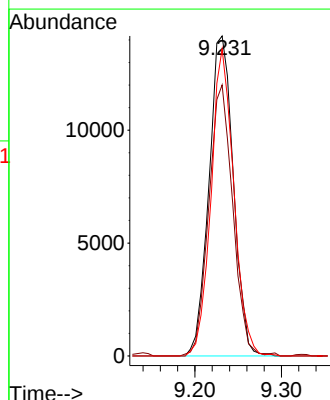
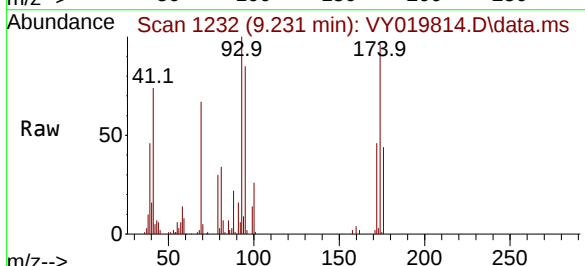
Tgt Ion: 93 Resp: 27745

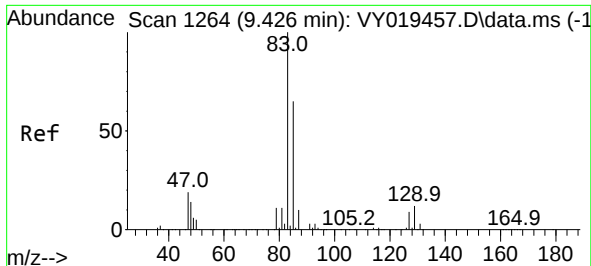
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

174 89.6 80.9 121.3





#47

Bromodichloromethane

Concen: 23.766 ug/l

RT: 9.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

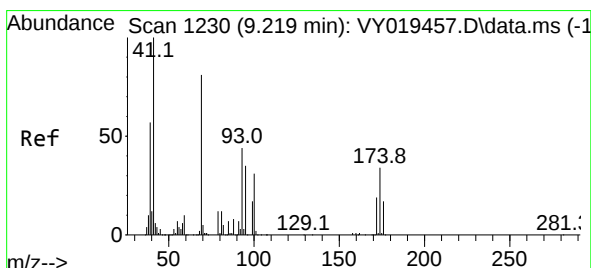
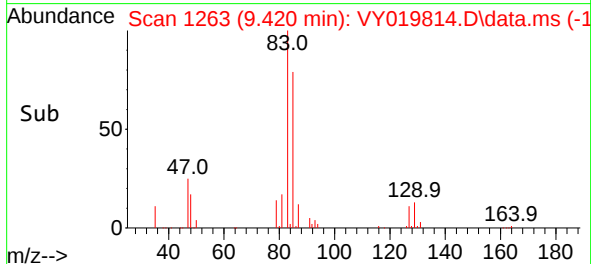
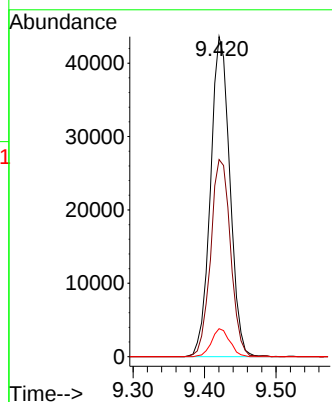
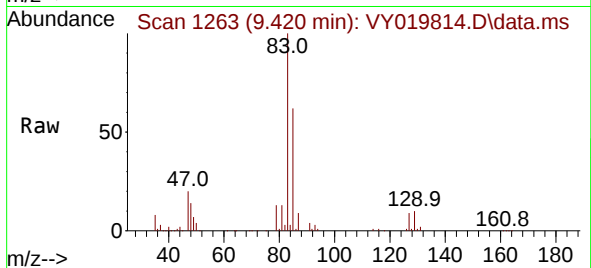
Tgt Ion: 83 Resp: 81983

Ion Ratio Lower Upper

83 100

85 61.6 50.1 75.1

127 8.8 7.4 11.0



#48

Methyl methacrylate

Concen: 21.074 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

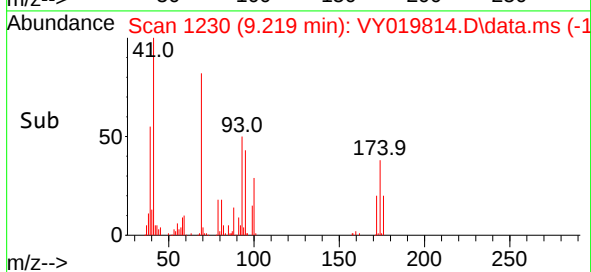
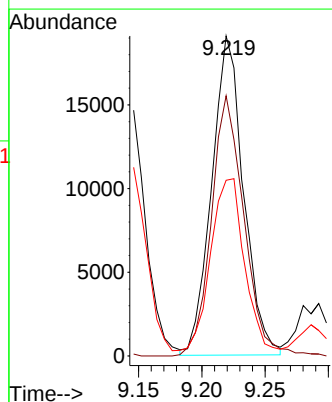
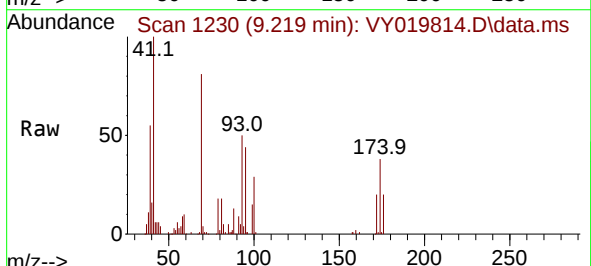
Tgt Ion: 41 Resp: 33387

Ion Ratio Lower Upper

41 100

69 83.6 84.1 126.1#

39 59.8 43.6 65.4





#49

1,4-Dioxane

Concen: 463.678 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.000 min

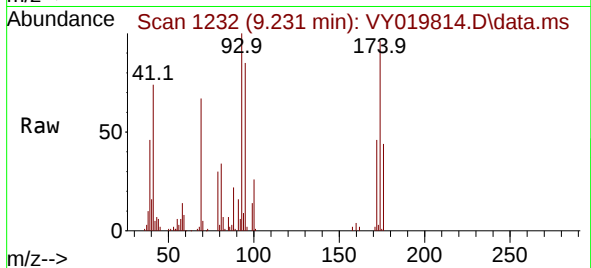
Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :



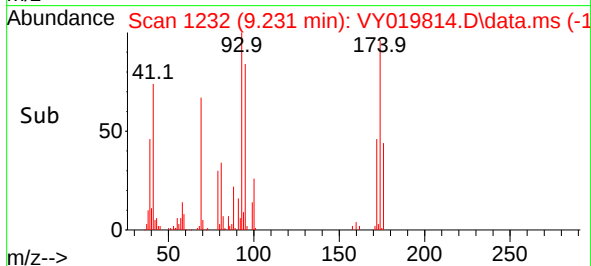
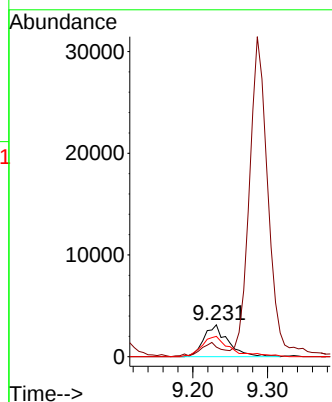
Tgt Ion: 88 Resp: 7005

Ion Ratio Lower Upper

88 100

43 39.9 0.0 0.0#

58 76.1 49.3 73.9#



#50

Toluene-d8

Concen: 51.468 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019814.D

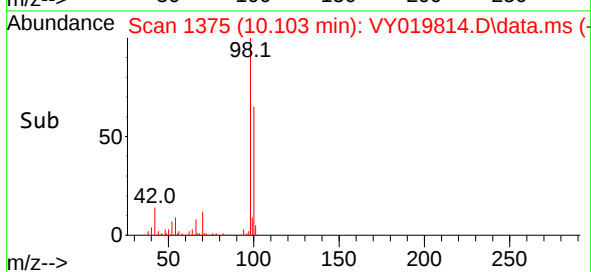
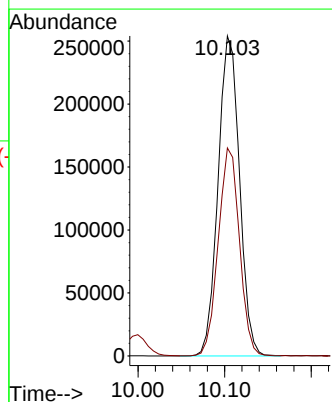
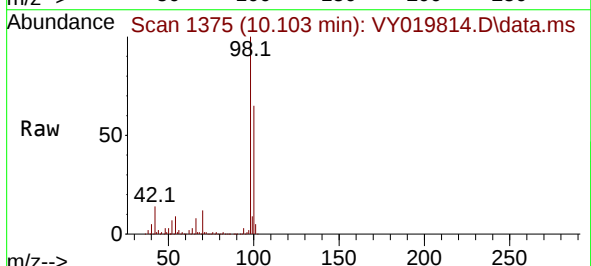
Acq: 07 Oct 2024 16:58

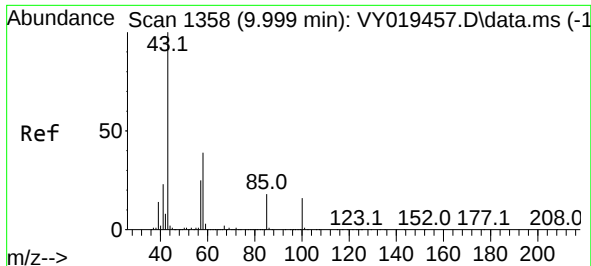
Tgt Ion: 98 Resp: 436013

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 119.550 ug/l

RT: 9.993 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

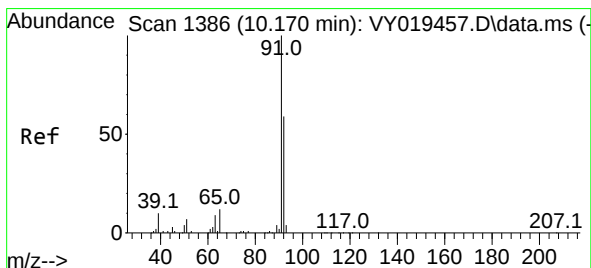
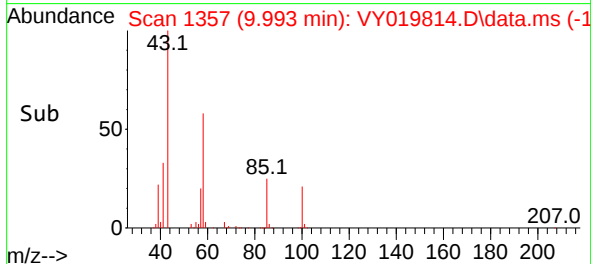
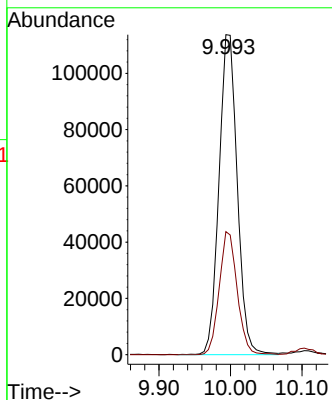
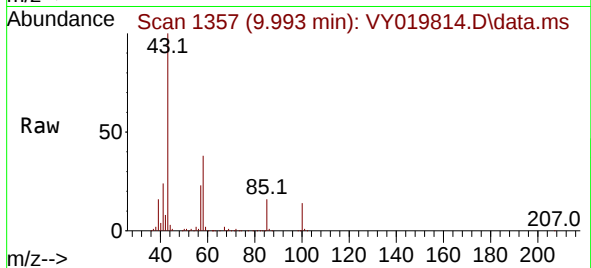
ClientSampleId :

Tgt Ion: 43 Resp: 201775

Ion Ratio Lower Upper

43 100

58 37.8 35.7 53.5



#52

Toluene

Concen: 20.267 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019814.D

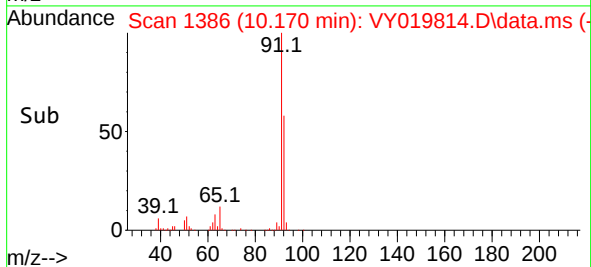
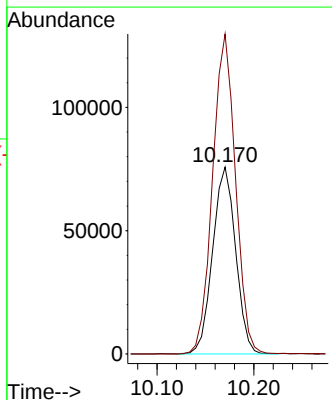
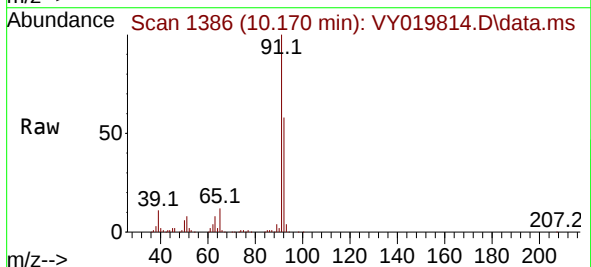
Acq: 07 Oct 2024 16:58

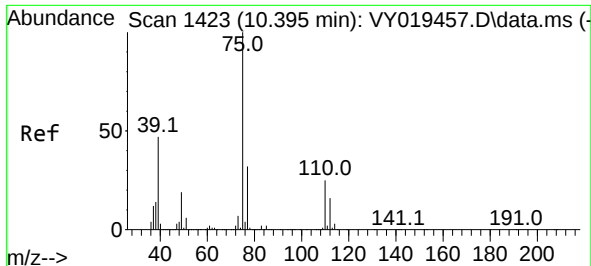
Tgt Ion: 92 Resp: 125120

Ion Ratio Lower Upper

92 100

91 170.7 139.0 208.6

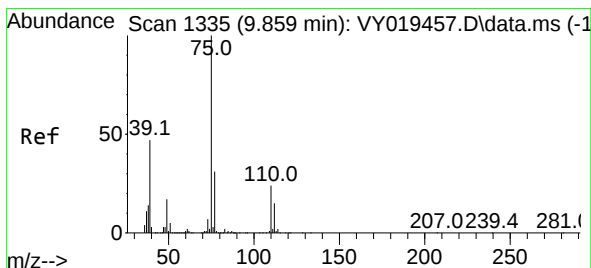
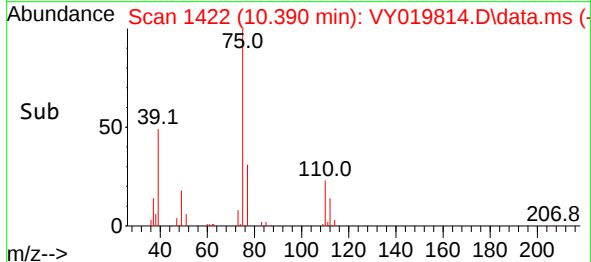
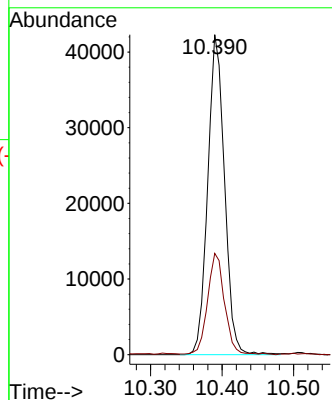
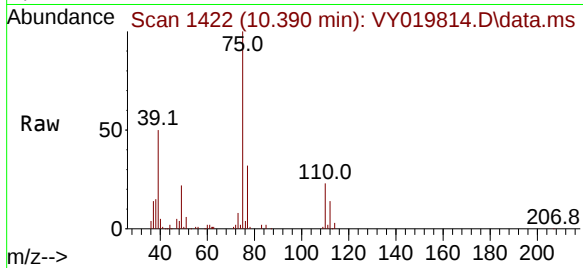




#53
 t-1,3-Dichloropropene
 Concen: 20.946 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY019814.D
 Acq: 07 Oct 2024 16:58

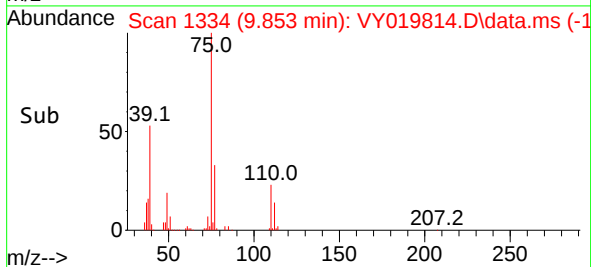
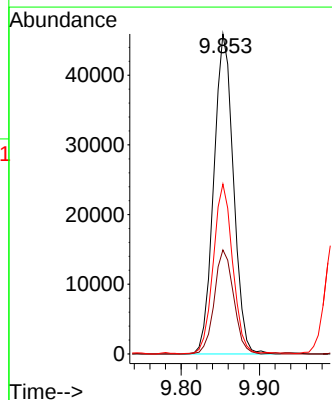
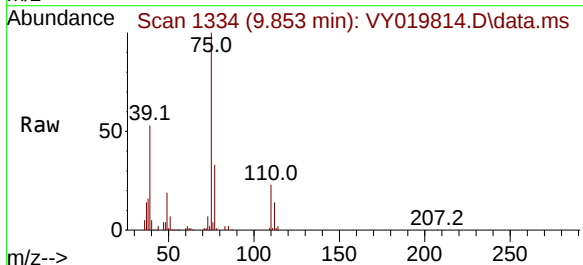
Instrument :
 MSVOA_Y
 ClientSampleId :

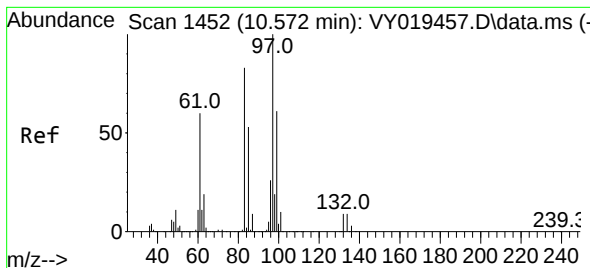
Tgt Ion: 75 Resp: 68881
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.922 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY019814.D
 Acq: 07 Oct 2024 16:58

Tgt Ion: 75 Resp: 80114
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0
 39 53.1 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 23.981 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

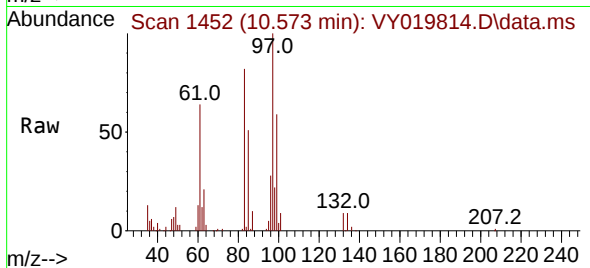
Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 42499

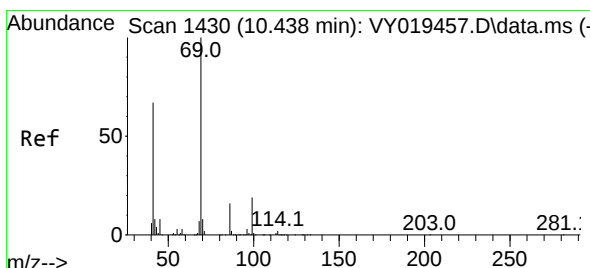
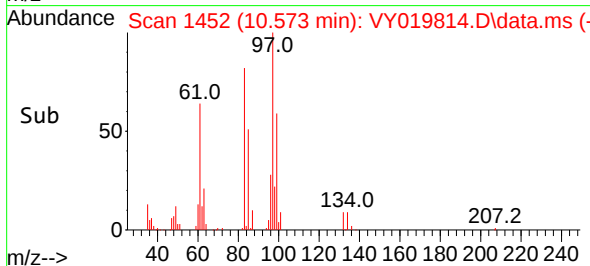
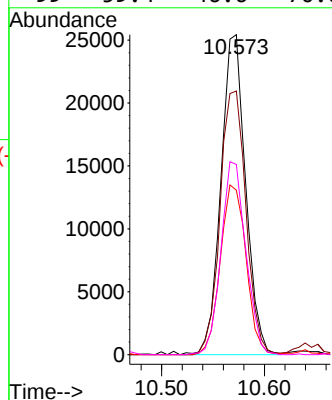
Ion Ratio Lower Upper

97 100

83 82.4 67.5 101.3

85 51.4 42.9 64.3

99 59.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 20.916 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

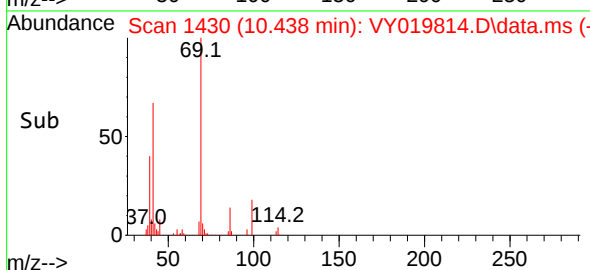
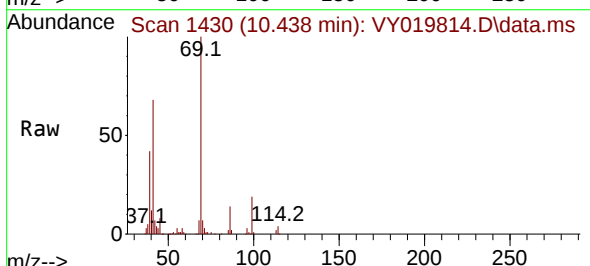
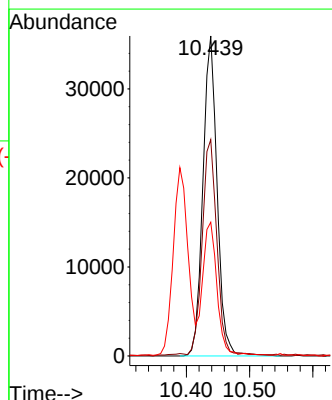
Tgt Ion: 69 Resp: 56308

Ion Ratio Lower Upper

69 100

41 71.4 42.3 63.5#

39 42.0 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 23.152 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

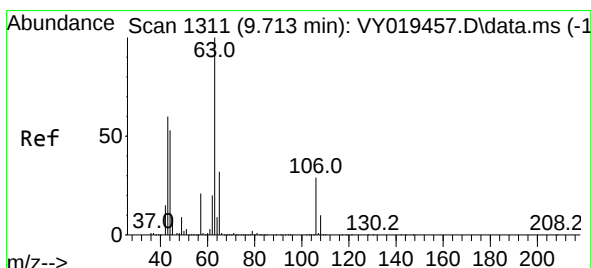
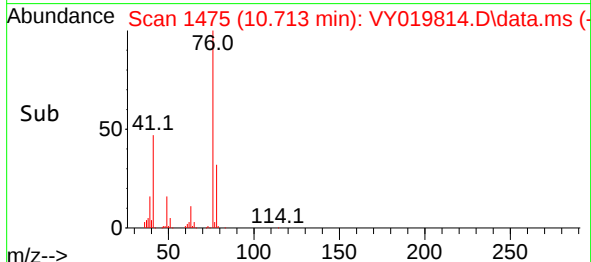
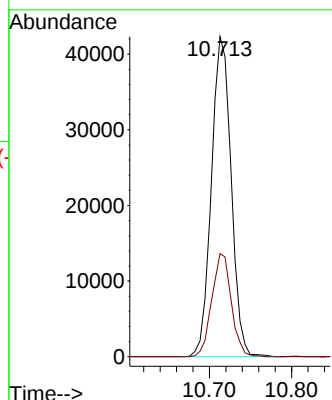
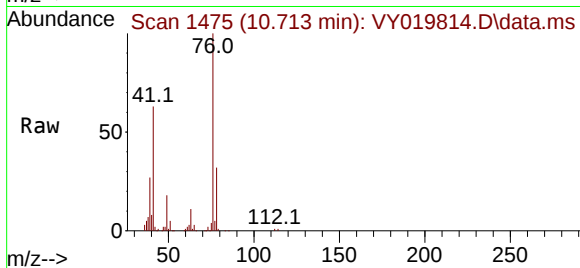
ClientSampleId :

Tgt Ion: 76 Resp: 70527

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.686 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY019814.D

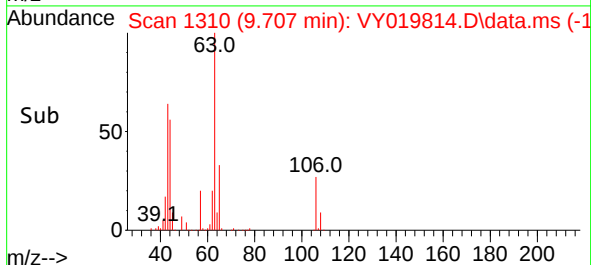
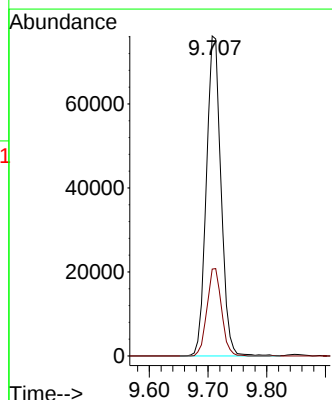
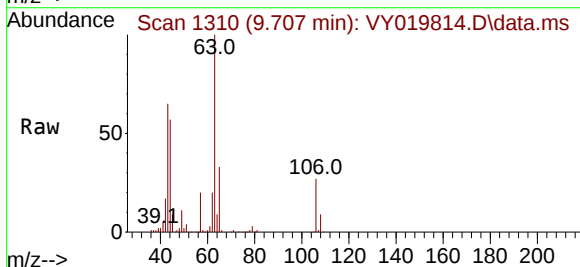
Acq: 07 Oct 2024 16:58

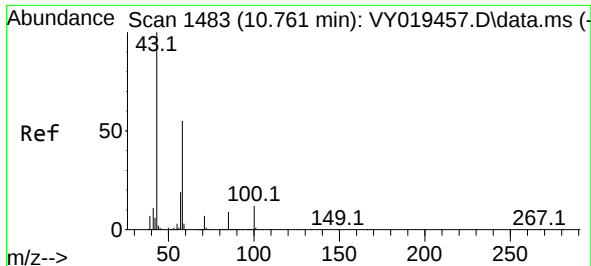
Tgt Ion: 63 Resp: 132053

Ion Ratio Lower Upper

63 100

106 27.1 23.7 35.5

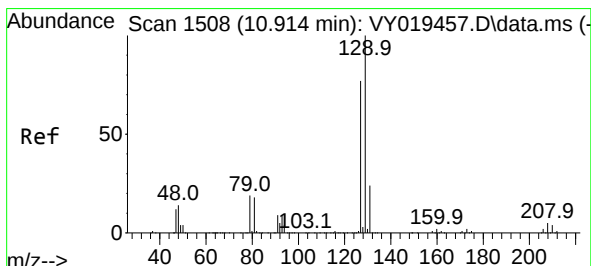
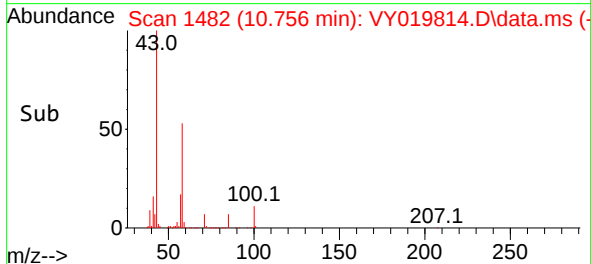
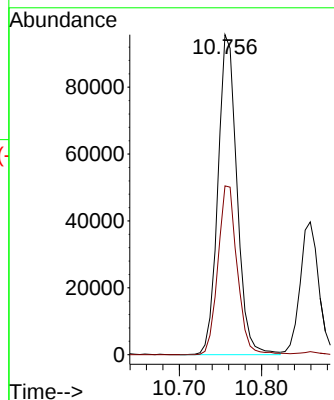
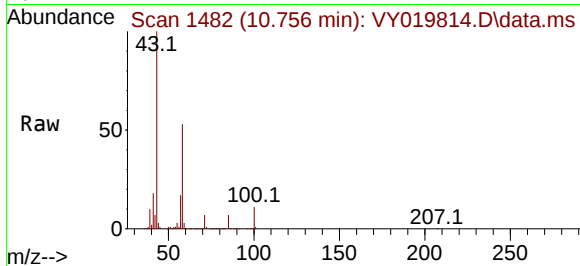




#59
2-Hexanone
Concen: 124.543 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

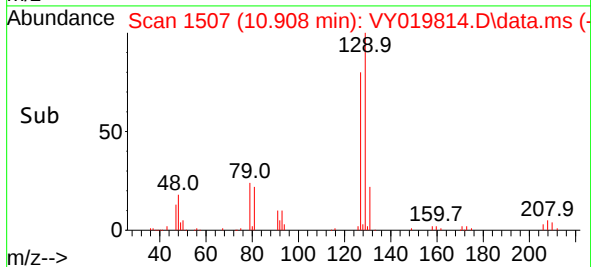
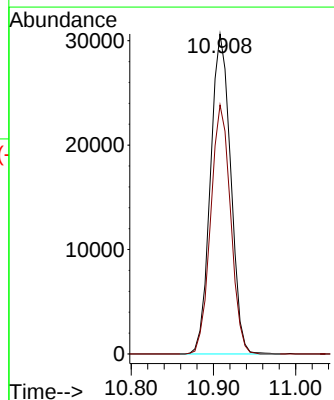
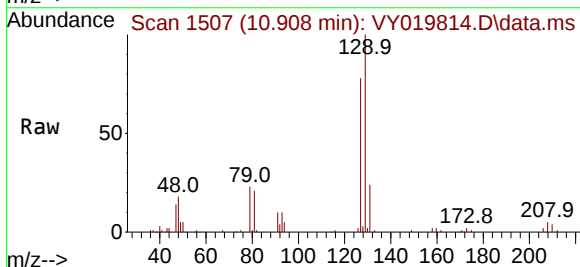
Instrument :
MSVOA_Y
ClientSampleId :

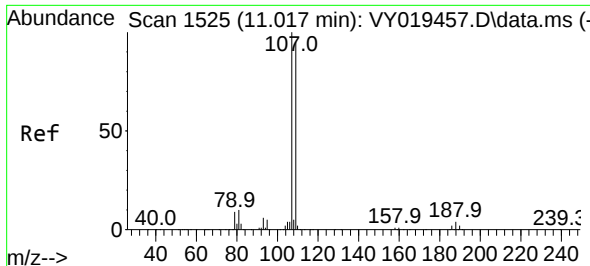
Tgt Ion: 43 Resp: 154106
Ion Ratio Lower Upper
43 100
58 53.6 31.4 94.0



#60
Dibromochloromethane
Concen: 22.308 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Tgt Ion:129 Resp: 52298
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0

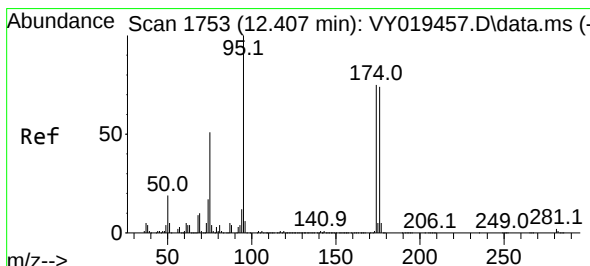
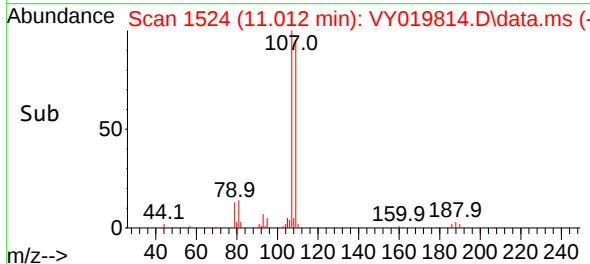
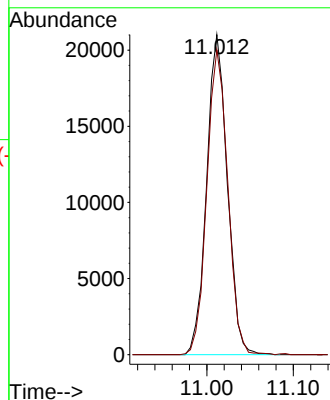
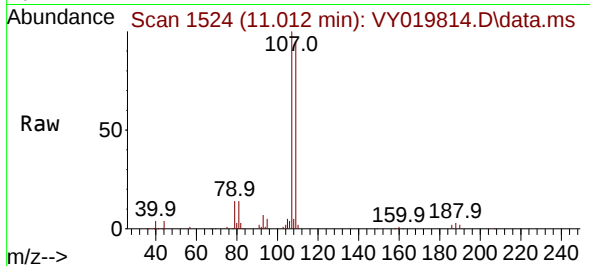




#61
1,2-Dibromoethane
Concen: 21.150 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

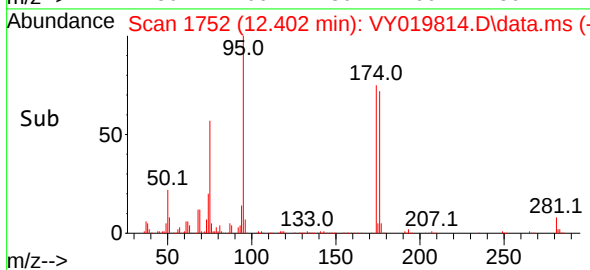
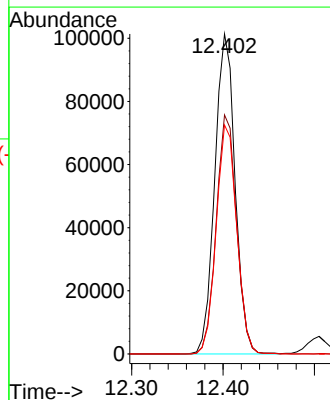
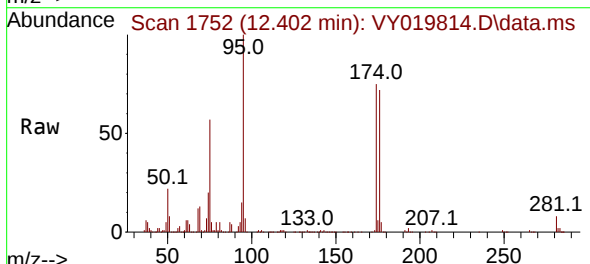
Instrument :
MSVOA_Y
ClientSampleId :

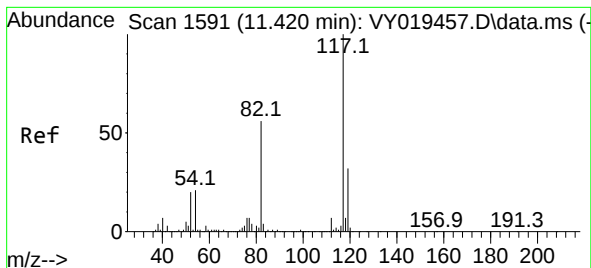
Tgt Ion:107 Resp: 34923
Ion Ratio Lower Upper
107 100
109 96.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.096 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Tgt Ion: 95 Resp: 156666
Ion Ratio Lower Upper
95 100
174 74.6 0.0 175.6
176 72.4 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: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

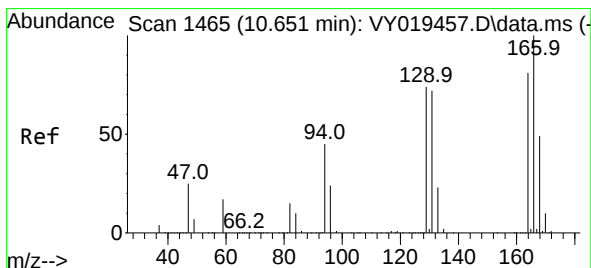
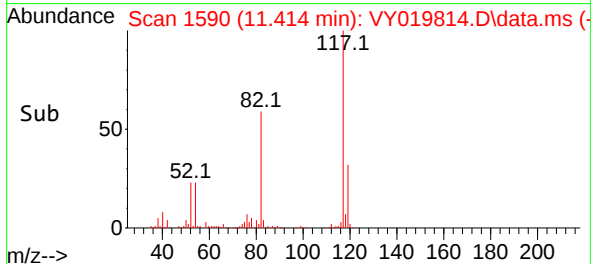
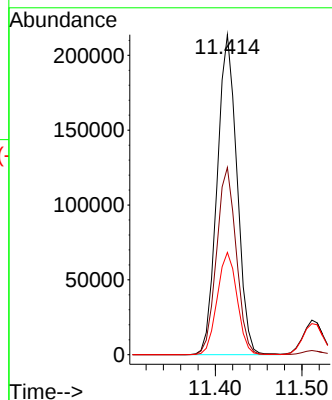
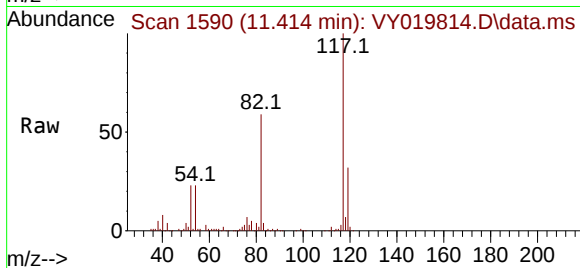
Tgt Ion:117 Resp: 339894

Ion Ratio Lower Upper

117 100

82 58.5 42.4 63.6

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 18.725 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Tgt Ion:164 Resp: 39413

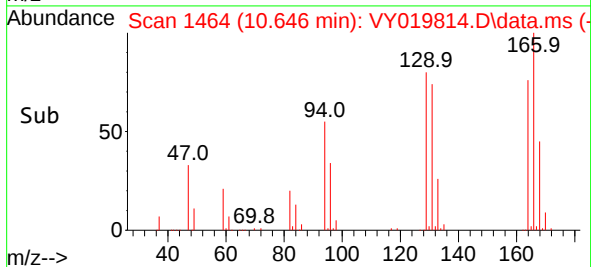
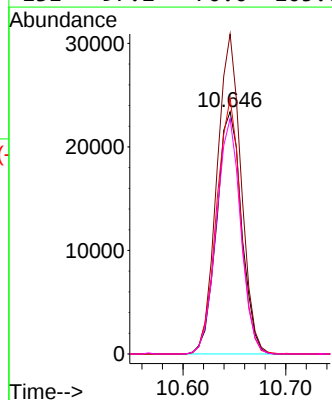
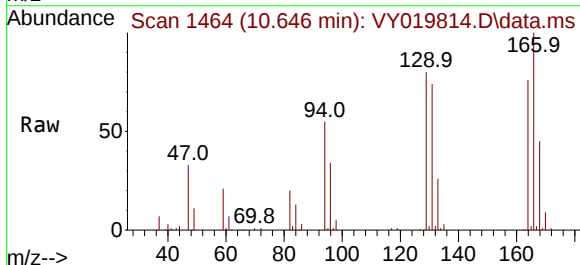
Ion Ratio Lower Upper

164 100

166 132.1 102.6 154.0

129 105.5 72.0 108.0

131 97.2 70.0 105.0





#65

Chlorobenzene

Concen: 21.730 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

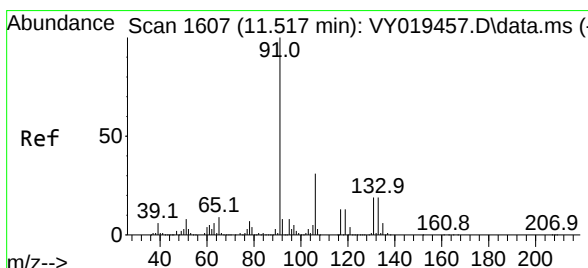
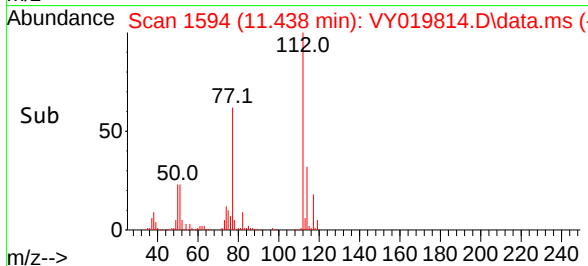
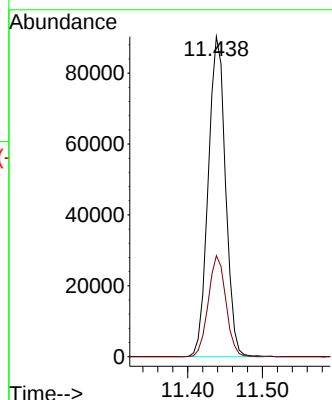
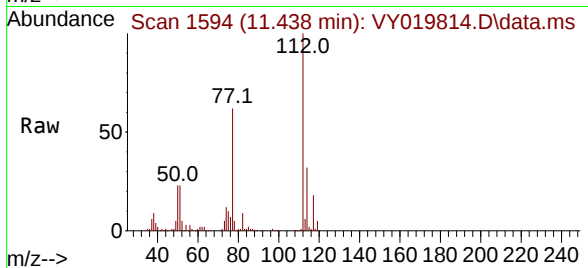
ClientSampleId :

Tgt Ion:112 Resp: 145286

Ion Ratio Lower Upper

112 100

114 31.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 23.104 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

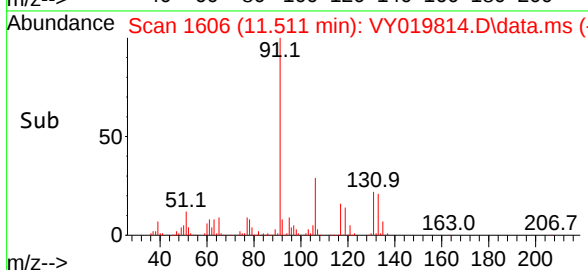
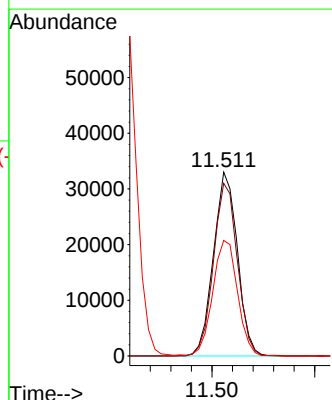
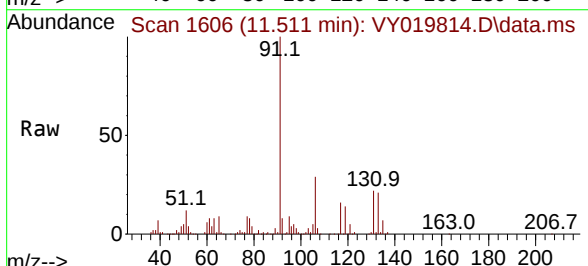
Tgt Ion:131 Resp: 53483

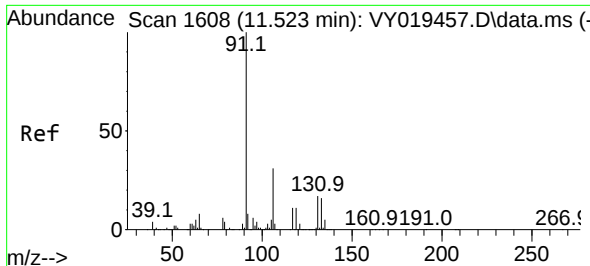
Ion Ratio Lower Upper

131 100

133 93.9 47.8 143.3

119 65.3 34.1 102.2





#67

Ethyl Benzene

Concen: 21.715 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

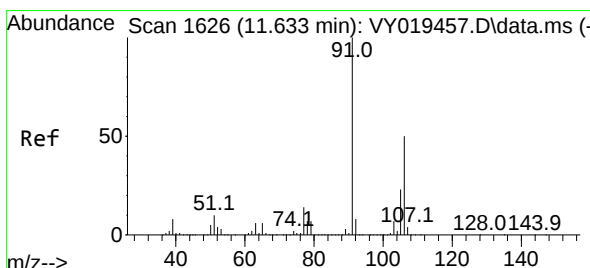
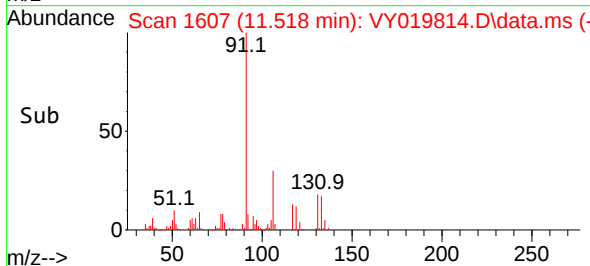
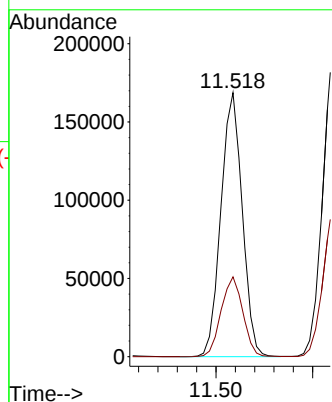
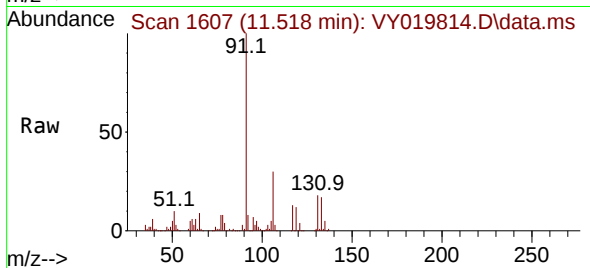
ClientSampleId :

Tgt Ion: 91 Resp: 257966

Ion Ratio Lower Upper

91 100

106 30.3 24.5 36.7



#68

m/p-Xylenes

Concen: 41.882 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019814.D

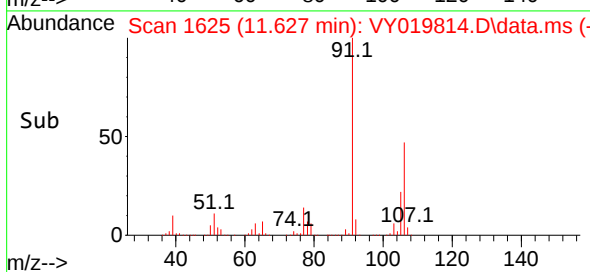
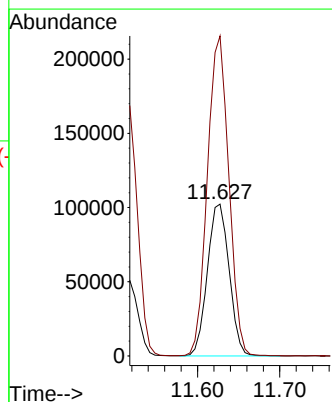
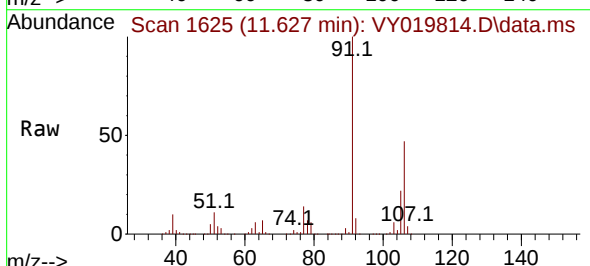
Acq: 07 Oct 2024 16:58

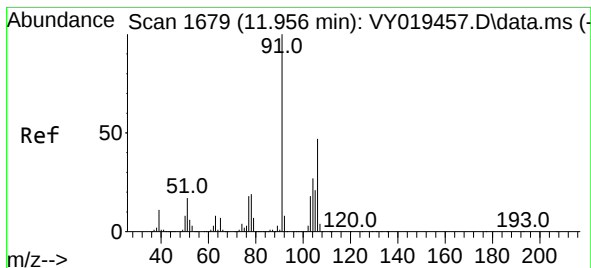
Tgt Ion:106 Resp: 188135

Ion Ratio Lower Upper

106 100

91 207.8 156.0 234.0





#69

o-Xylene

Concen: 21.353 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

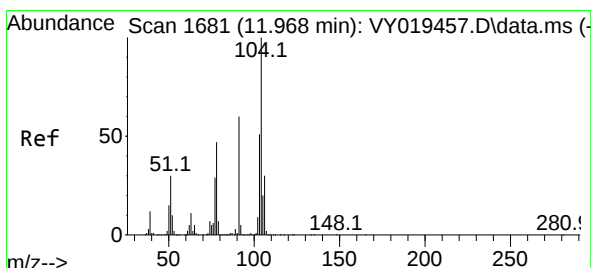
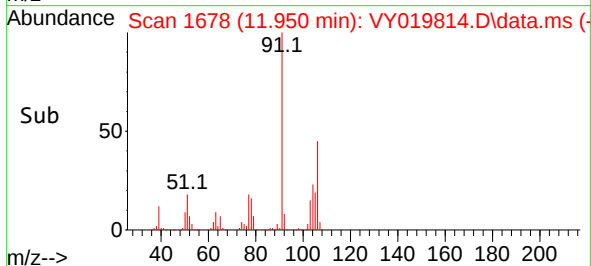
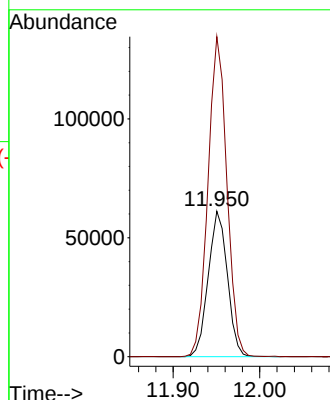
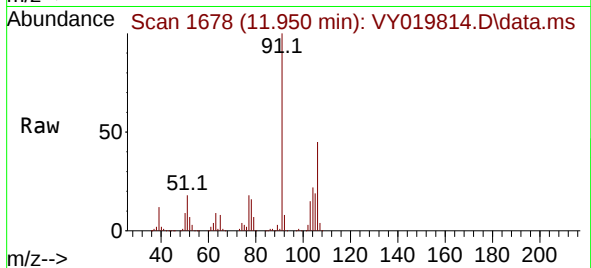
ClientSampleId :

Tgt Ion:106 Resp: 93804

Ion Ratio Lower Upper

106 100

91 217.2 103.6 310.8



#70

Styrene

Concen: 21.854 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

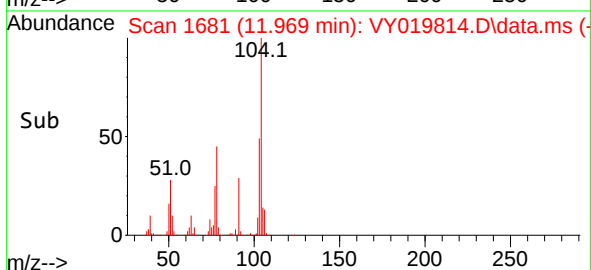
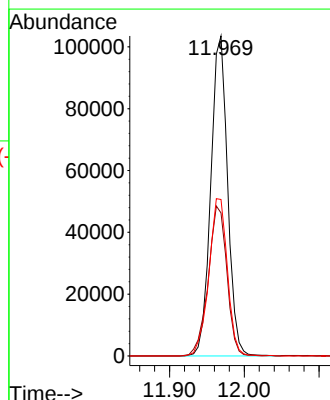
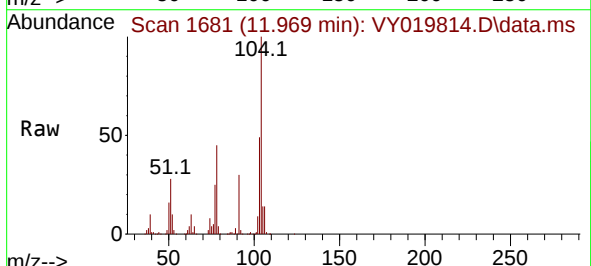
Tgt Ion:104 Resp: 162091

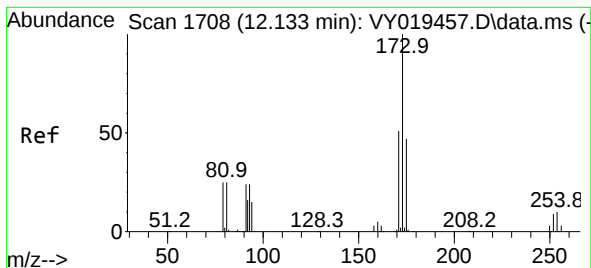
Ion Ratio Lower Upper

104 100

78 52.1 37.0 55.4

103 54.1 44.2 66.2





#71

Bromoform

Concen: 21.389 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

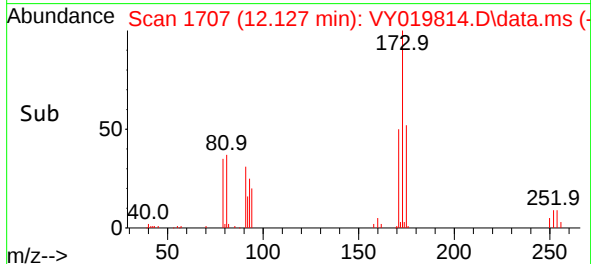
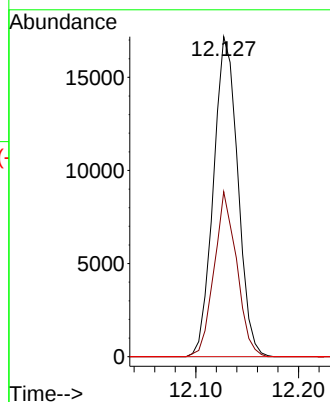
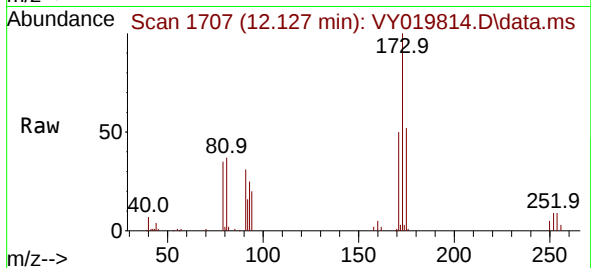
Tgt Ion:173 Resp: 28280

Ion Ratio Lower Upper

173 100

175 47.8 25.1 75.3

254 0.0 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: VY019814.D

Acq: 07 Oct 2024 16:58

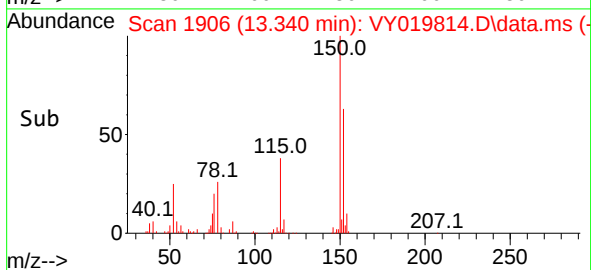
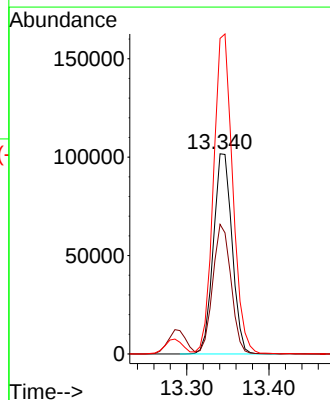
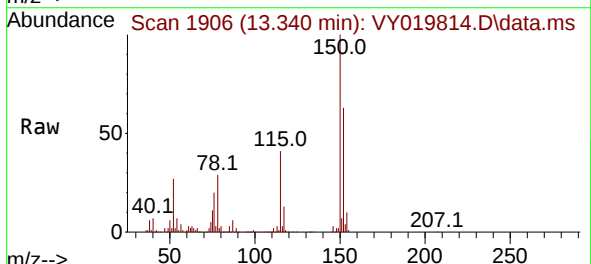
Tgt Ion:152 Resp: 160091

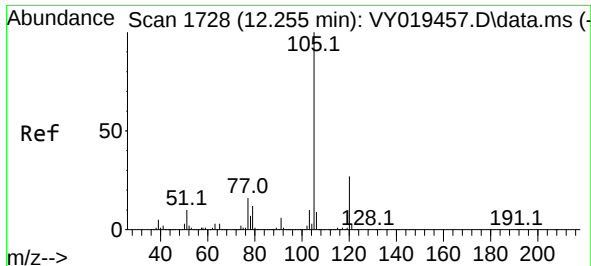
Ion Ratio Lower Upper

152 100

115 63.2 28.2 84.7

150 164.0 0.0 345.6

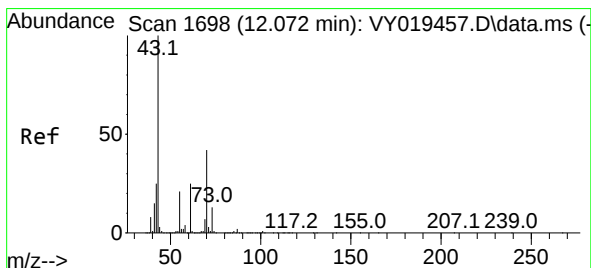
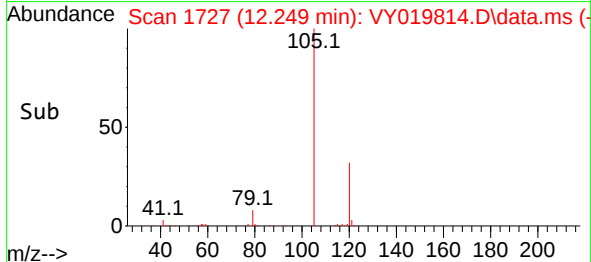
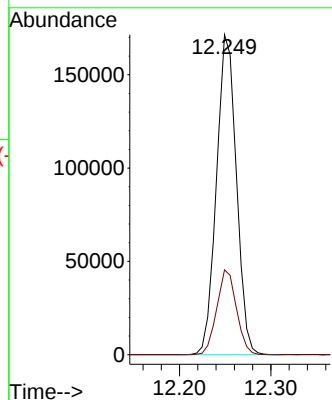
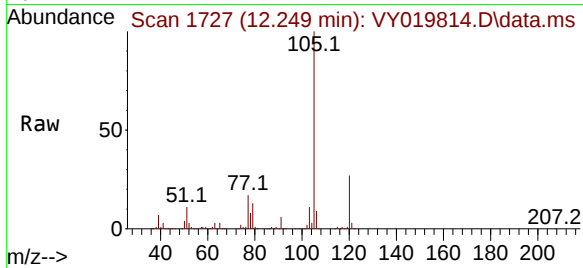




#73
Isopropylbenzene
Concen: 22.358 ug/l
RT: 12.249 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

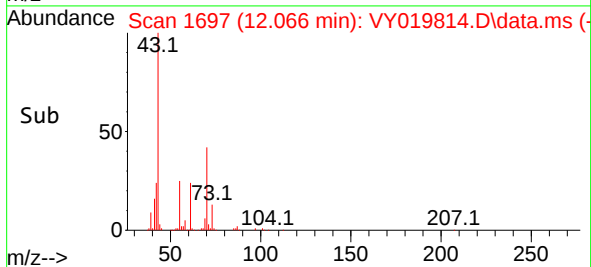
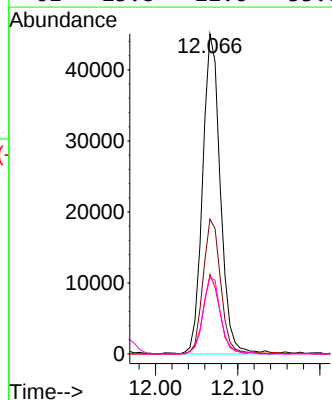
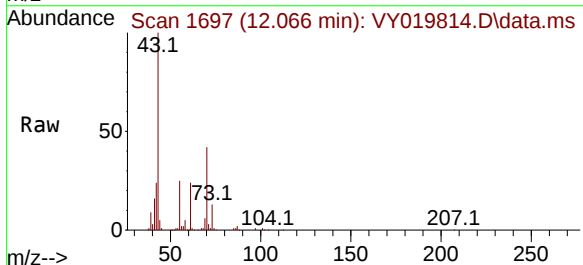
Instrument :
MSVOA_Y
ClientSampleId :

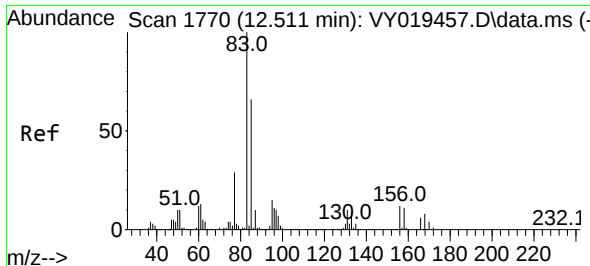
Tgt Ion:105 Resp: 259670
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1



#74
N-amy1 acetate
Concen: 21.454 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Tgt Ion: 43 Resp: 67765
Ion Ratio Lower Upper
43 100
70 41.9 41.4 62.2
55 23.8 23.3 34.9
61 23.8 22.6 33.8

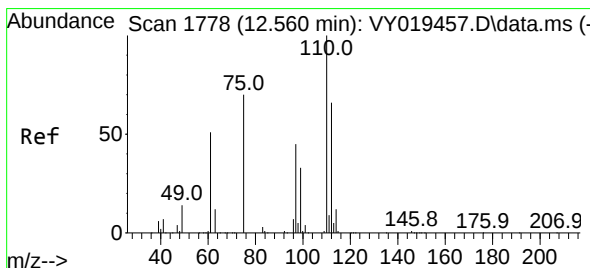
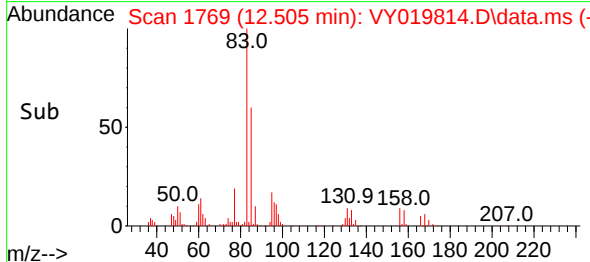
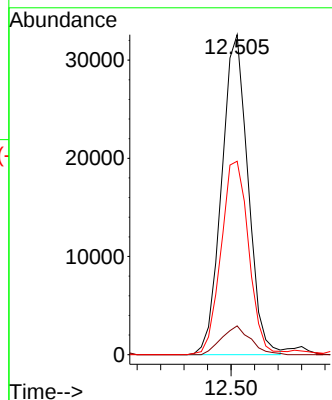
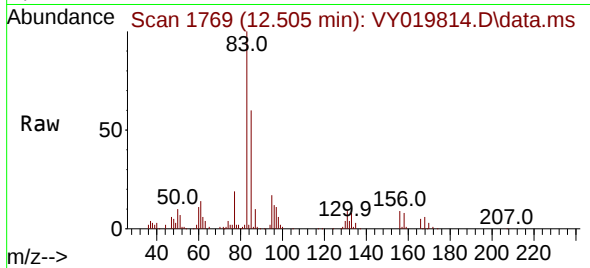




#75
1,1,2,2-Tetrachloroethane
Concen: 24.610 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

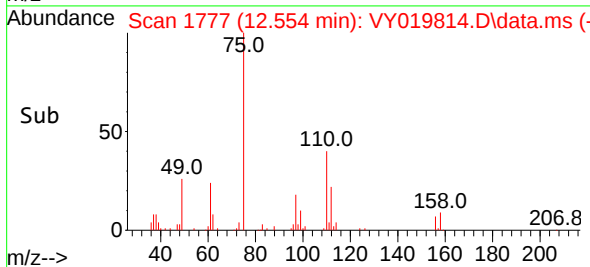
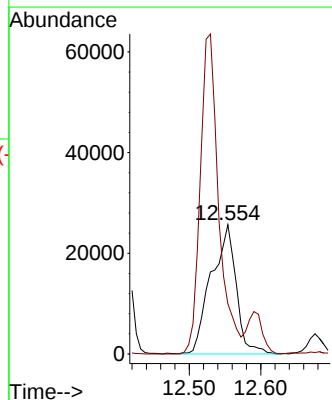
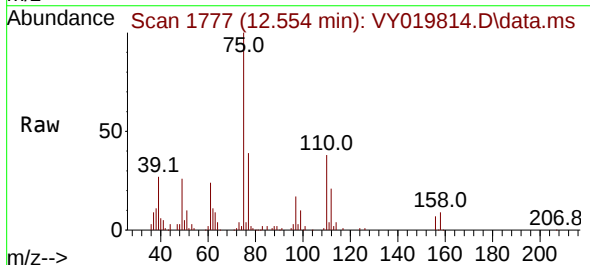
Instrument :
MSVOA_Y
ClientSampleId :

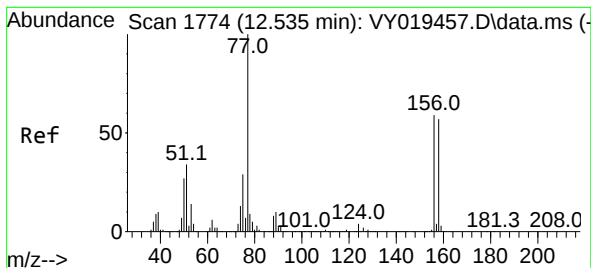
Tgt Ion: 83 Resp: 50732
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 63.7 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 41.479 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Tgt Ion: 75 Resp: 62240
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.846 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

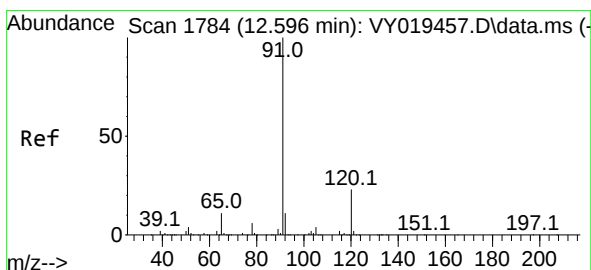
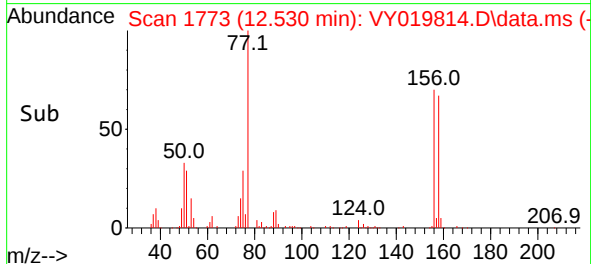
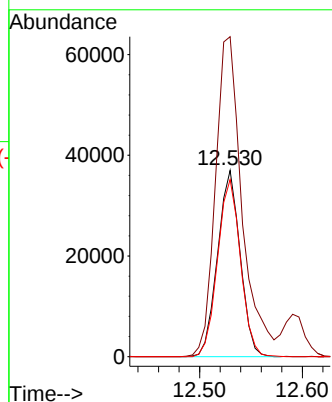
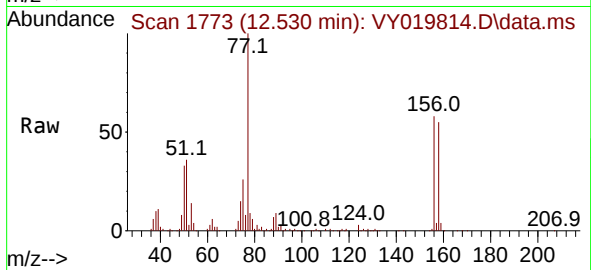
Tgt Ion:156 Resp: 56271

Ion Ratio Lower Upper

156 100

77 202.6 87.1 261.3

158 96.7 48.6 145.9



#78

n-propylbenzene

Concen: 23.099 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY019814.D

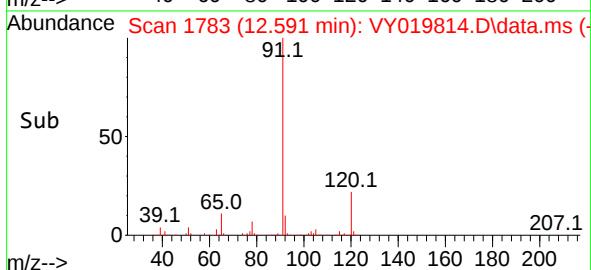
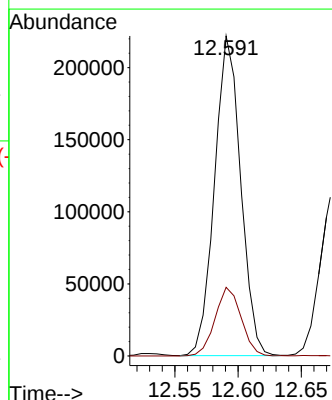
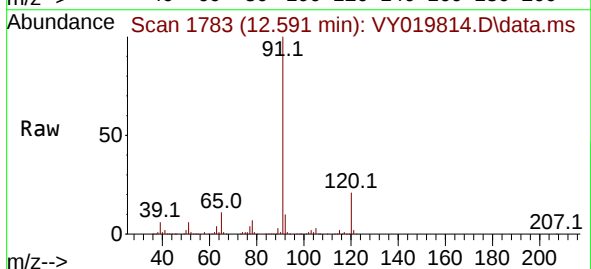
Acq: 07 Oct 2024 16:58

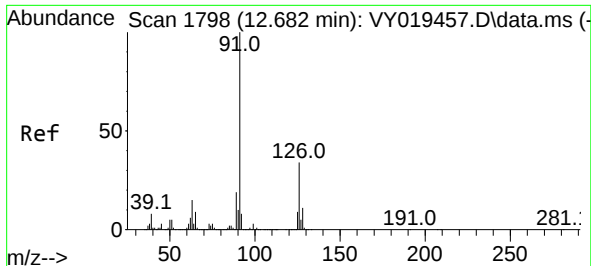
Tgt Ion: 91 Resp: 317983

Ion Ratio Lower Upper

91 100

120 21.4 11.5 34.4

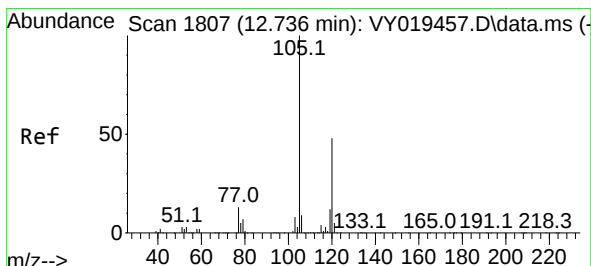
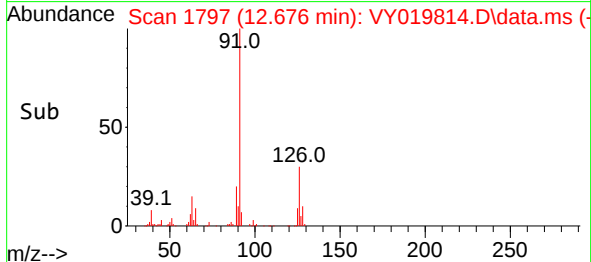
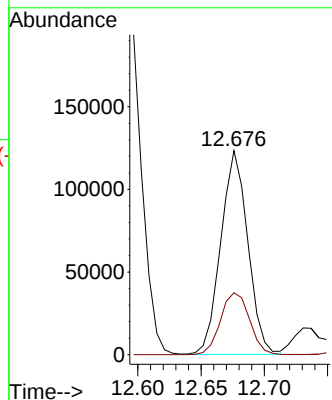
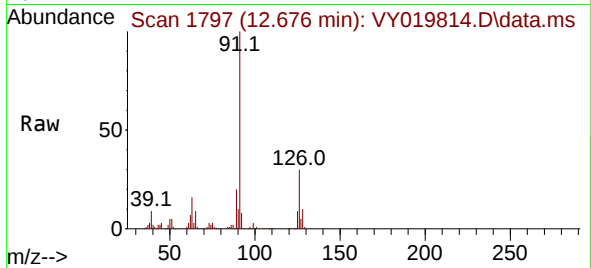




#79
2-Chlorotoluene
Concen: 22.838 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

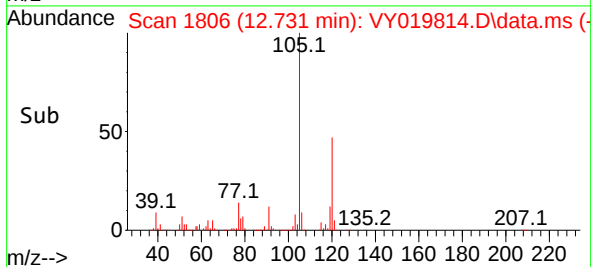
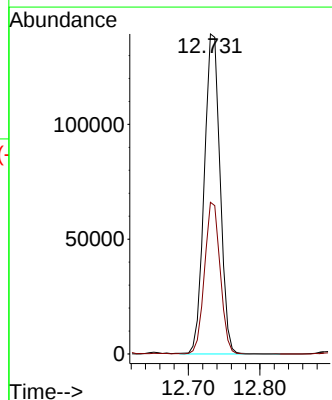
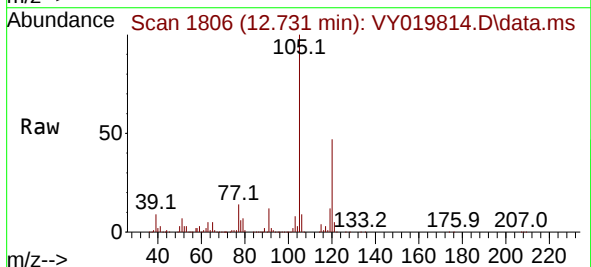
Instrument :
MSVOA_Y
ClientSampleId :

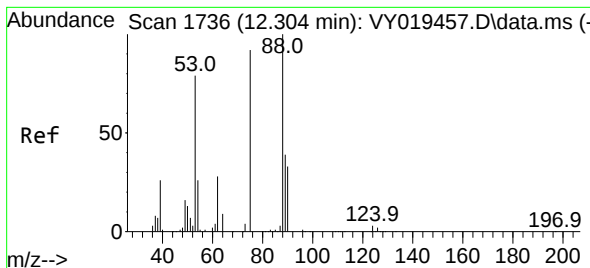
Tgt Ion: 91 Resp: 183214
Ion Ratio Lower Upper
91 100
126 32.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 22.669 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Tgt Ion: 105 Resp: 214040
Ion Ratio Lower Upper
105 100
120 46.9 25.1 75.2

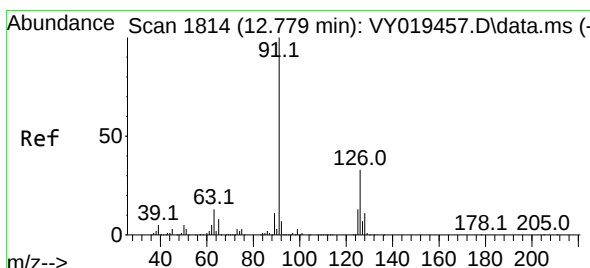
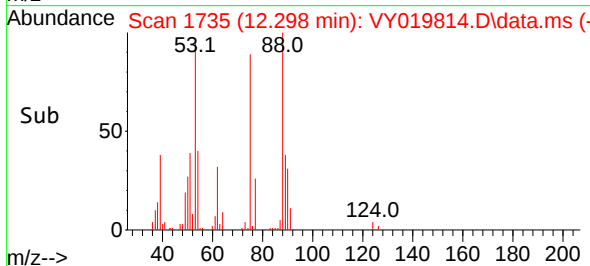
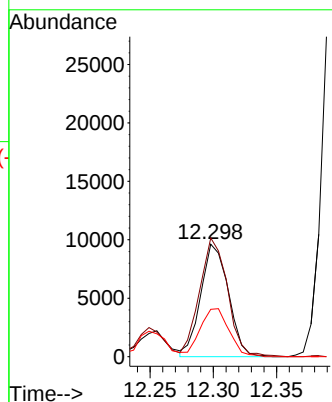
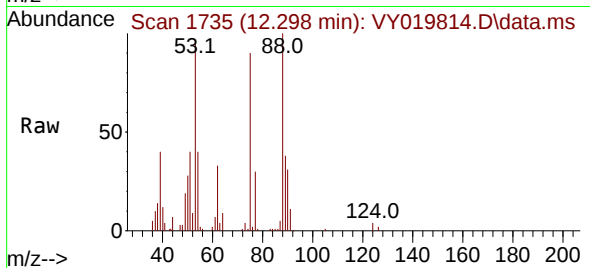




#81
trans-1,4-Dichloro-2-butene
Concen: 18.730 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

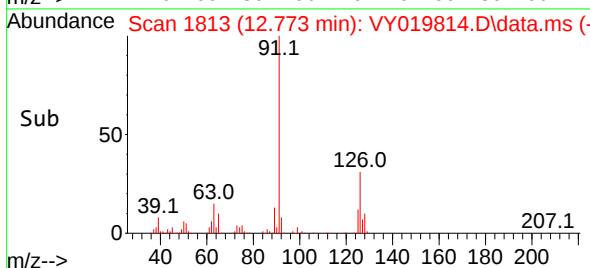
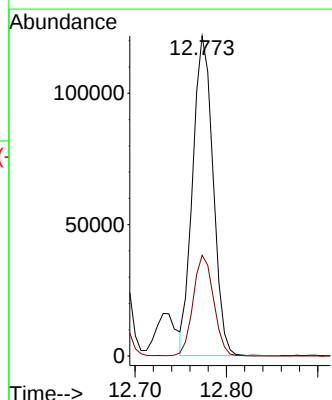
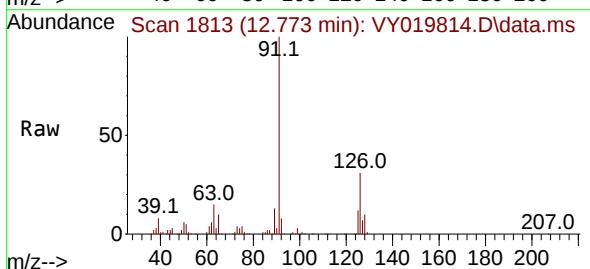
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 14640
Ion Ratio Lower Upper
75 100
53 107.0 66.8 100.2#
89 44.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 22.816 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Tgt Ion: 91 Resp: 188177
Ion Ratio Lower Upper
91 100
126 31.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 23.137 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

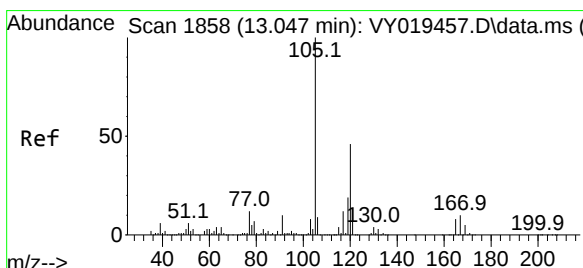
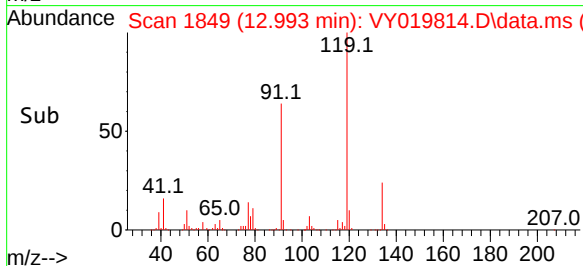
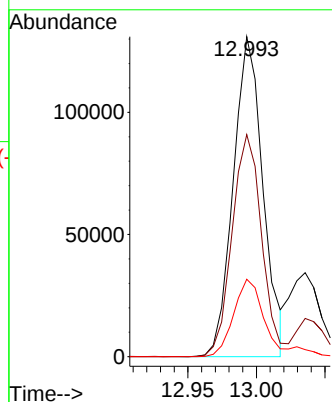
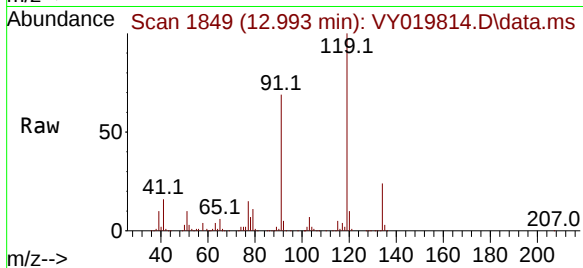
Tgt Ion:119 Resp: 197762

Ion Ratio Lower Upper

119 100

91 69.4 31.3 93.8

134 26.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 22.609 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019814.D

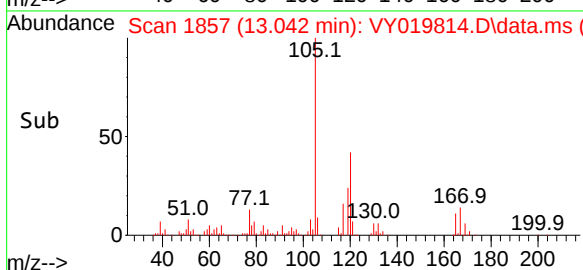
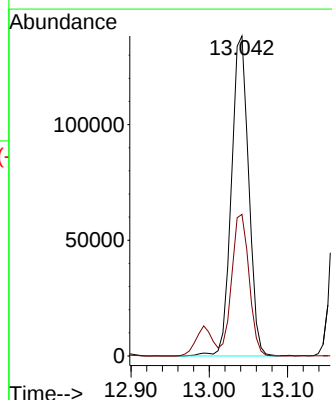
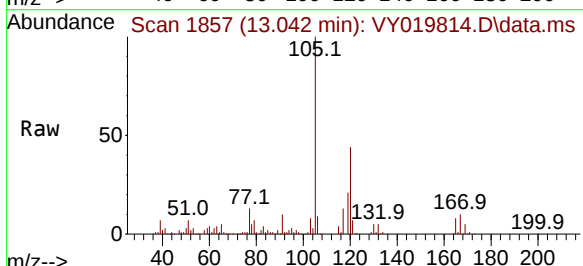
Acq: 07 Oct 2024 16:58

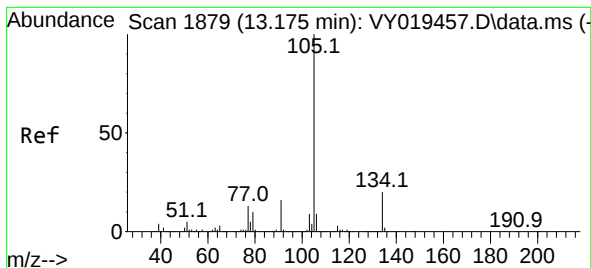
Tgt Ion:105 Resp: 211303

Ion Ratio Lower Upper

105 100

120 44.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 23.866 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

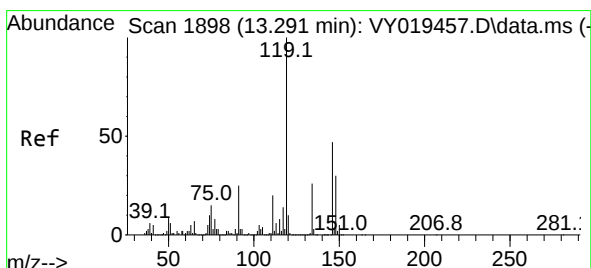
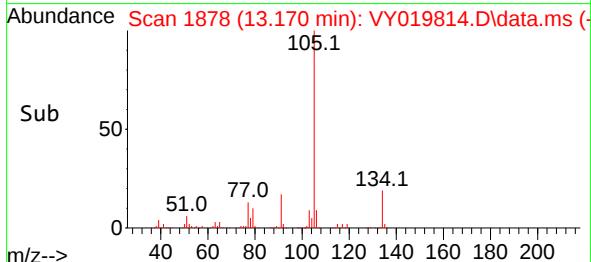
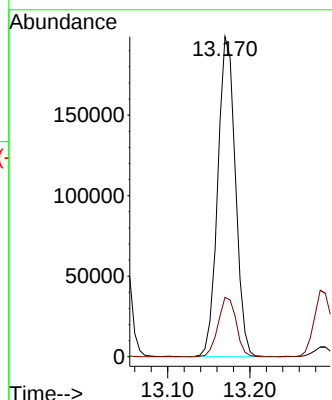
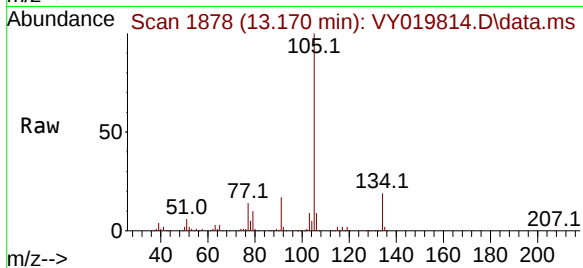
ClientSampleId :

Tgt Ion:105 Resp: 296346

Ion Ratio Lower Upper

105 100

134 18.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 23.449 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

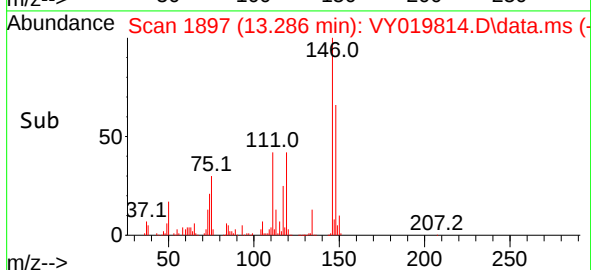
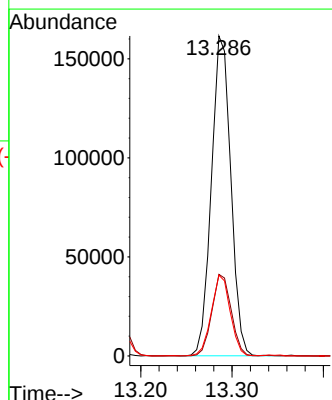
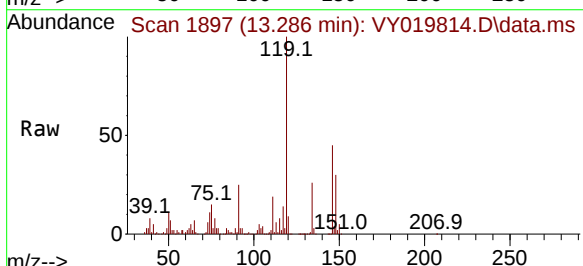
Tgt Ion:119 Resp: 238225

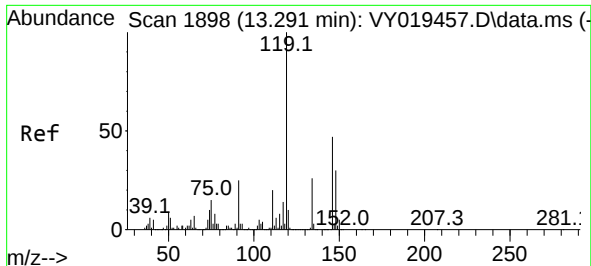
Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.3

91 24.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 22.616 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

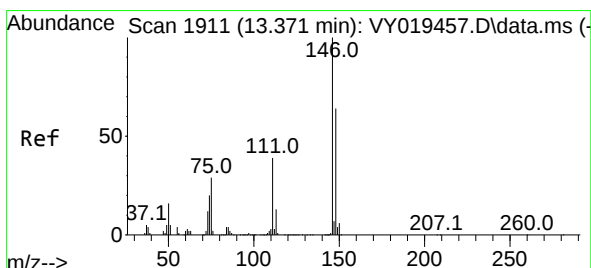
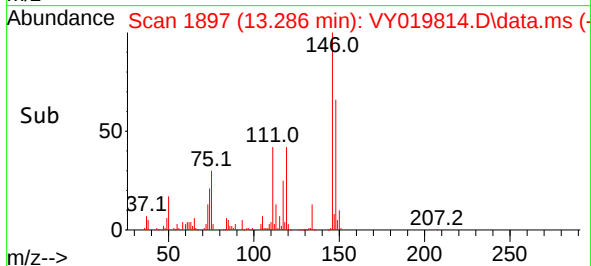
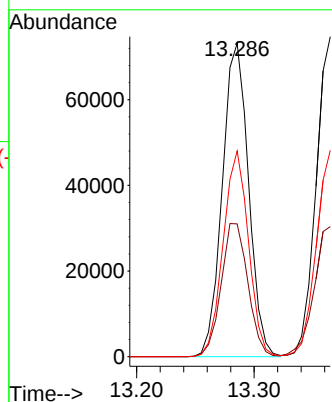
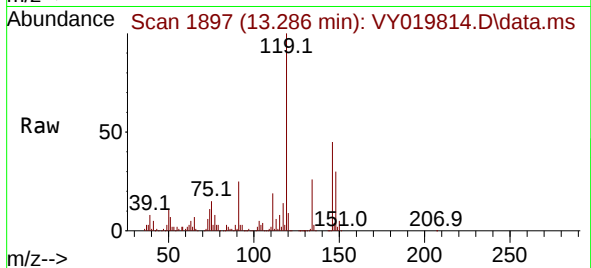
Tgt Ion:146 Resp: 113196

Ion Ratio Lower Upper

146 100

111 43.6 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 22.696 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

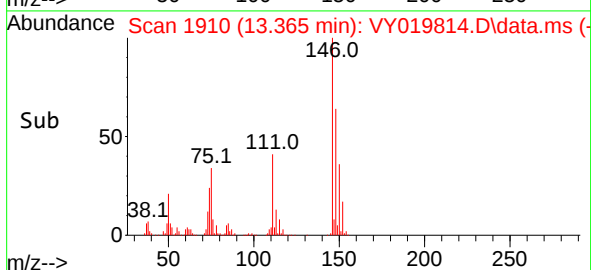
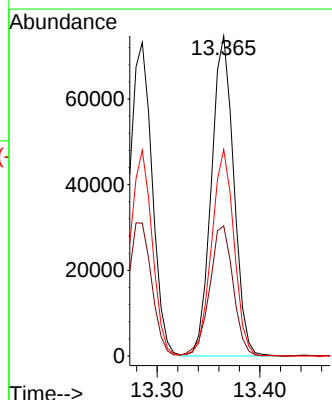
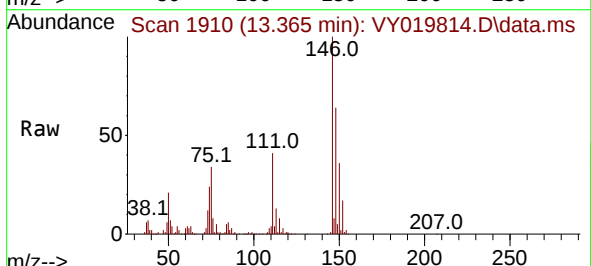
Tgt Ion:146 Resp: 112736

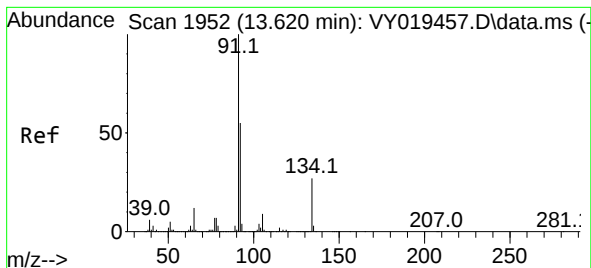
Ion Ratio Lower Upper

146 100

111 42.8 18.4 55.4

148 64.7 32.4 97.2





#89

n-Butylbenzene

Concen: 23.773 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

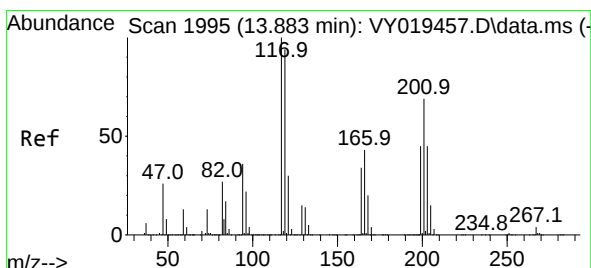
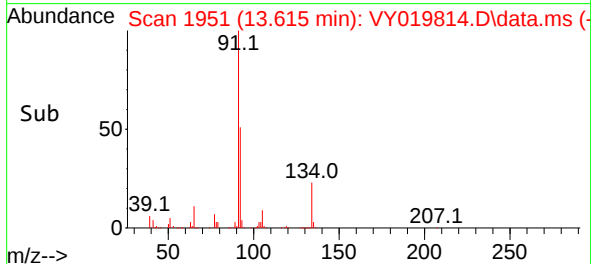
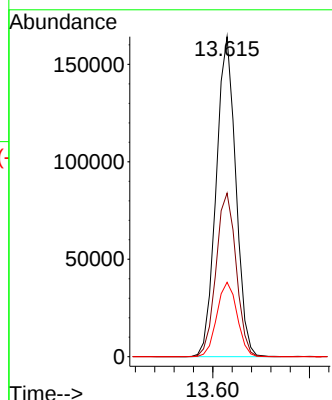
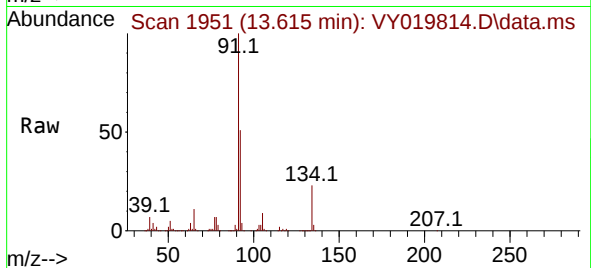
Tgt Ion: 91 Resp: 230888

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.7

134 24.0 12.9 38.7



#90

Hexachloroethane

Concen: 21.687 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019814.D

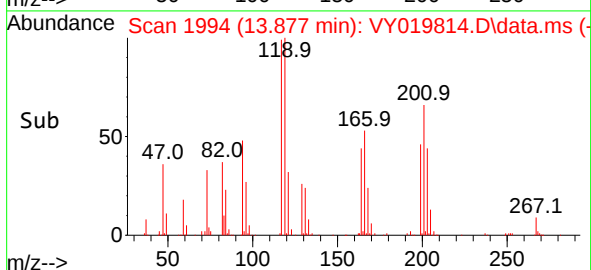
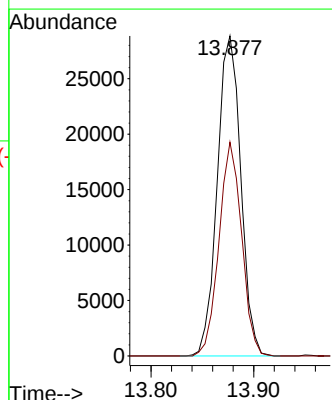
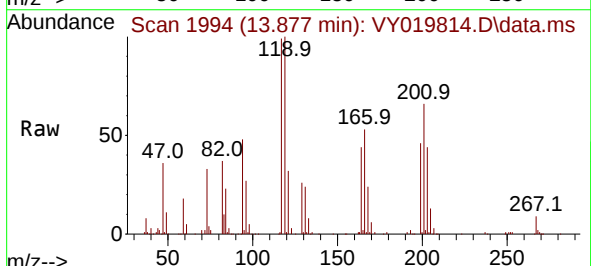
Acq: 07 Oct 2024 16:58

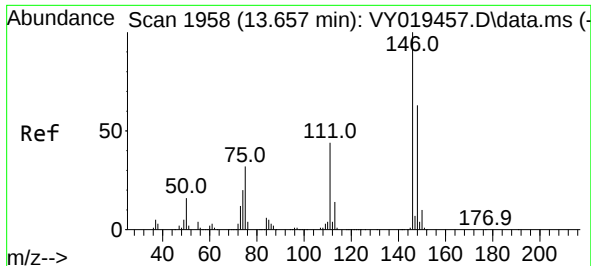
Tgt Ion: 117 Resp: 45844

Ion Ratio Lower Upper

117 100

201 64.3 37.4 112.2

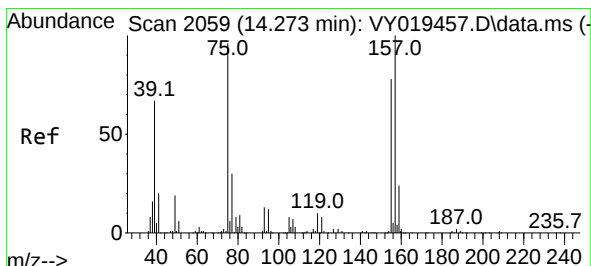
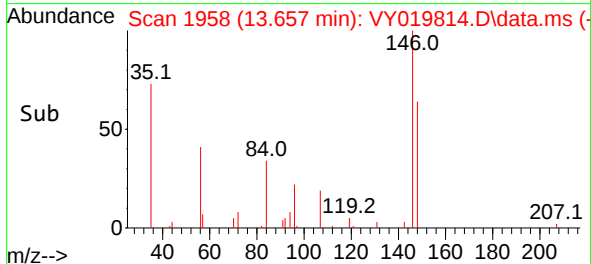
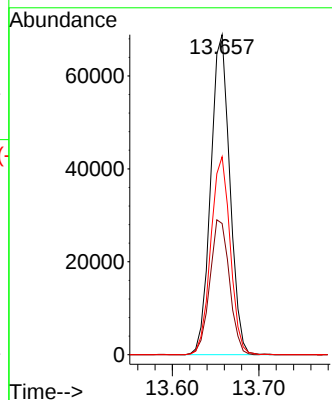
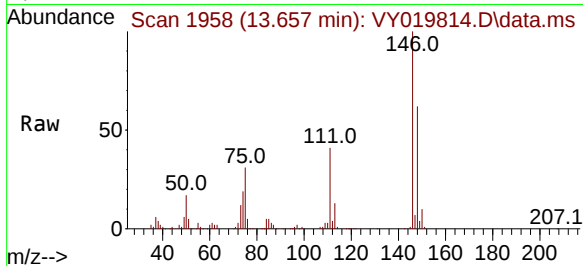




#91
1,2-Dichlorobenzene
Concen: 23.595 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

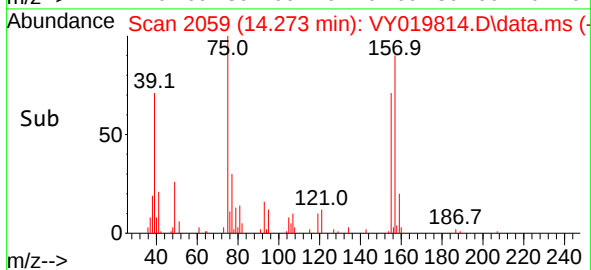
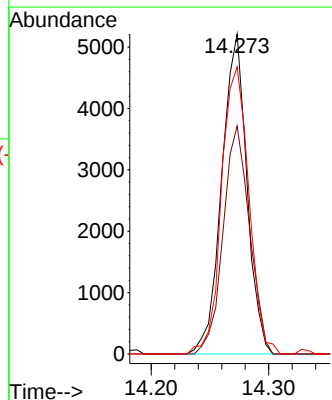
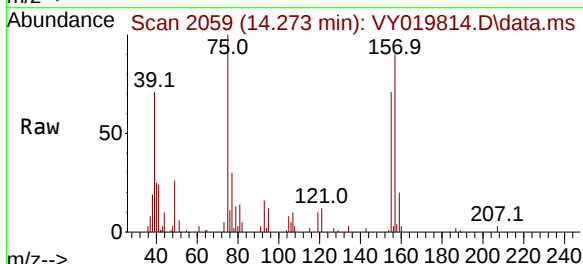
Instrument :
MSVOA_Y
ClientSampleId :

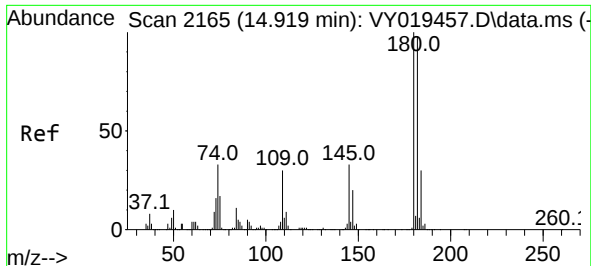
Tgt Ion:146 Resp: 105386
Ion Ratio Lower Upper
146 100
111 43.3 19.9 59.7
148 63.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.575 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Tgt Ion: 75 Resp: 7756
Ion Ratio Lower Upper
75 100
155 74.8 48.6 145.8
157 97.6 62.7 188.2

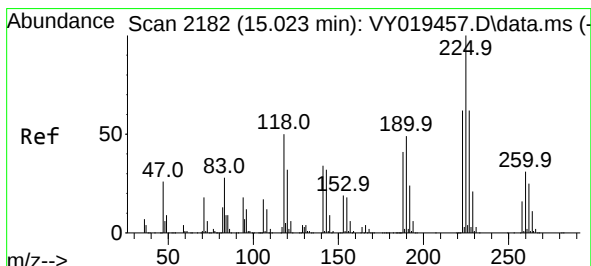
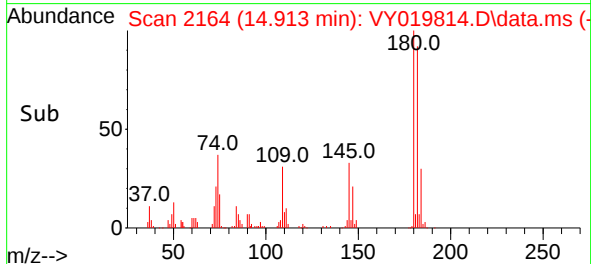
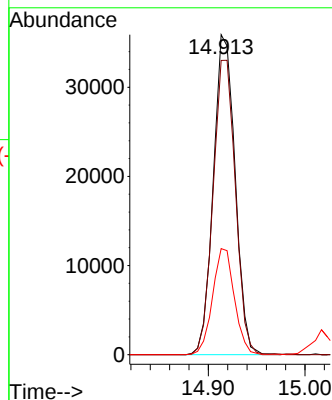
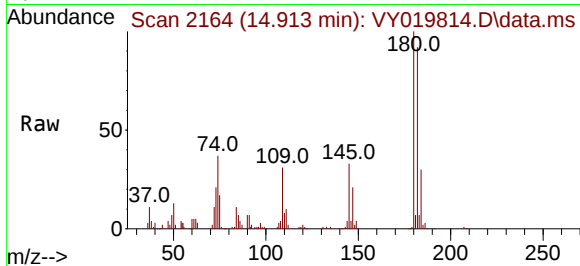




#93
1,2,4-Trichlorobenzene
Concen: 20.655 ug/l
RT: 14.913 min Scan# 2165
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

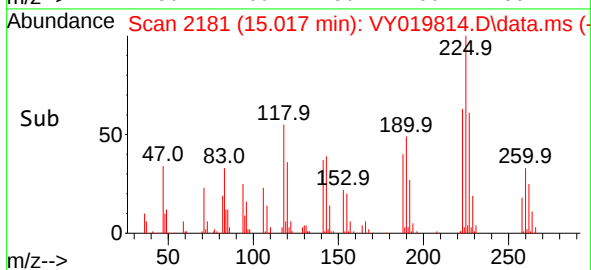
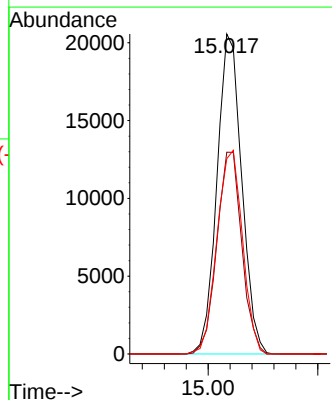
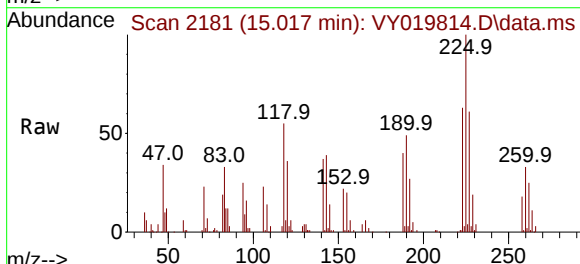
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.9	143.8
145	33.3	14.2	42.6



#94
Hexachlorobutadiene
Concen: 22.235 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.006 min
Lab File: VY019814.D
Acq: 07 Oct 2024 16:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	30.4	91.2
227	65.6	31.9	95.9





#95

Naphthalene

Concen: 19.568 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

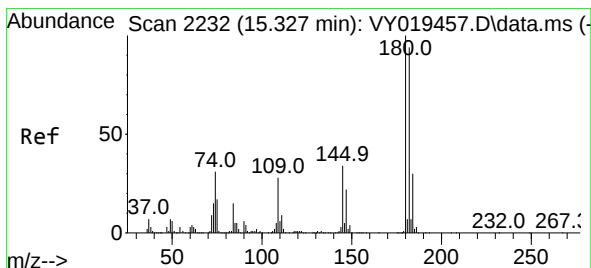
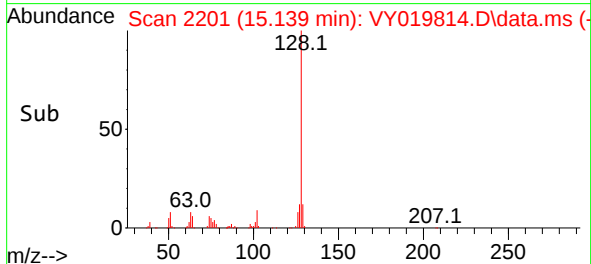
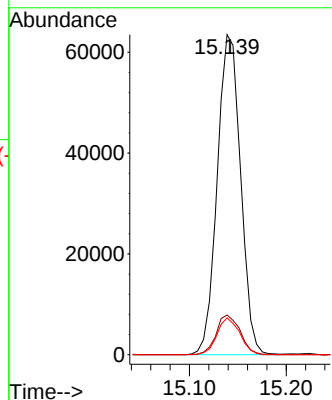
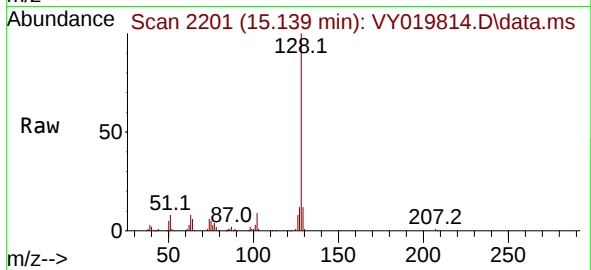
Tgt Ion:128 Resp: 106451

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.577 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019814.D

Acq: 07 Oct 2024 16:58

Tgt Ion:180 Resp: 47814

Ion Ratio Lower Upper

180 100

182 93.8 47.6 142.9

145 35.2 15.4 46.1

