

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019476.D
 Acq On : 10 Sep 2024 09:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 11 01:46:10 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	580574	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	991162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	843312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	395676	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	286626	53.316	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.640%	
35) Dibromofluoromethane	7.634	113	298767	53.164	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.320%	
50) Toluene-d8	10.109	98	1123319	54.042	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.080%	
62) 4-Bromofluorobenzene	12.408	95	404737	50.640	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	157740	49.684	ug/l	99
3) Chloromethane	2.074	50	238562	49.665	ug/l	98
4) Vinyl Chloride	2.208	62	281840	54.262	ug/l	99
5) Bromomethane	2.598	94	185295	58.078	ug/l	99
6) Chloroethane	2.739	64	192432	56.673	ug/l	97
7) Trichlorofluoromethane	3.062	101	466751	53.908	ug/l	96
8) Diethyl Ether	3.452	74	149150	51.319	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.818	101	279255	52.138	ug/l	97
10) Methyl Iodide	4.007	142	364932	53.143	ug/l	94
11) Tert butyl alcohol	4.866	59	98917	227.839	ug/l	# 77
12) 1,1-Dichloroethene	3.793	96	271933	52.793	ug/l	87
13) Acrolein	3.653	56	45042	213.406	ug/l	94
14) Allyl chloride	4.385	41	483215	52.312	ug/l	# 92
15) Acrylonitrile	5.055	53	306927	244.923	ug/l	98
16) Acetone	3.866	43	364595	284.673	ug/l	# 85
17) Carbon Disulfide	4.110	76	770515	55.365	ug/l	99
18) Methyl Acetate	4.385	43	150025	43.164	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	743857	50.988	ug/l	99
20) Methylene Chloride	4.616	84	301503	51.620	ug/l	90
21) trans-1,2-Dichloroethene	5.116	96	302599	53.596	ug/l	92
22) Diisopropyl ether	6.018	45	992268	52.311	ug/l	94
23) Vinyl Acetate	5.957	43	2846336	262.704	ug/l	95
24) 1,1-Dichloroethane	5.915	63	568886	53.446	ug/l	97
25) 2-Butanone	6.890	43	474366	260.419	ug/l	88
26) 2,2-Dichloropropane	6.884	77	522888	54.460	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	368170	53.683	ug/l	90
28) Bromochloromethane	7.244	49	242883	54.232	ug/l	86
29) Tetrahydrofuran	7.262	42	261032	235.688	ug/l	87
30) Chloroform	7.421	83	585154	53.852	ug/l	99
31) Cyclohexane	7.701	56	484174	50.323	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	531336	54.555	ug/l	98
36) 1,1-Dichloropropene	7.835	75	417964	54.659	ug/l	96
37) Ethyl Acetate	6.982	43	192285	49.077	ug/l	96
38) Carbon Tetrachloride	7.817	117	463455	53.745	ug/l	99
39) Methylcyclohexane	9.109	83	539959	53.061	ug/l	91
40) Benzene	8.079	78	1256313	53.341	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	117176	51.305	ug/l #	82
42) 1,2-Dichloroethane	8.158	62	333734	52.659	ug/l	98
43) Isopropyl Acetate	8.195	43	403577	49.029	ug/l	91
44) Trichloroethene	8.866	130	321102	53.011	ug/l	95
45) 1,2-Dichloropropane	9.140	63	300157	52.129	ug/l	99
46) Dibromomethane	9.231	93	164292	52.177	ug/l	97
47) Bromodichloromethane	9.426	83	448658	53.007	ug/l	99
48) Methyl methacrylate	9.219	41	190390	48.979	ug/l #	84
49) 1,4-Dioxane	9.237	88	33606	906.605	ug/l #	81
51) 4-Methyl-2-Pentanone	9.999	43	993138	239.820	ug/l	92
52) Toluene	10.176	92	817796	53.988	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	422030	52.305	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	490991	52.260	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	219666	50.517	ug/l	97
56) Ethyl methacrylate	10.438	69	331741	50.223	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	380020	50.842	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	739842	241.324	ug/l	98
59) 2-Hexanone	10.762	43	773480	254.766	ug/l	89
60) Dibromochloromethane	10.914	129	299238	52.022	ug/l	99
61) 1,2-Dibromoethane	11.018	107	202041	49.868	ug/l	100
64) Tetrachloroethene	10.652	164	270865	51.868	ug/l	97
65) Chlorobenzene	11.444	112	880805	53.097	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	300517	52.323	ug/l	98
67) Ethyl Benzene	11.524	91	1583483	53.723	ug/l	99
68) m/p-Xylenes	11.633	106	1204317	108.058	ug/l	96
69) o-Xylene	11.956	106	576594	52.900	ug/l	96
70) Styrene	11.975	104	981833	53.353	ug/l	96
71) Bromoform	12.133	173	166412	50.728	ug/l #	98
73) Isopropylbenzene	12.255	105	1538800	53.607	ug/l	100
74) N-amyl acetate	12.072	43	389038	49.833	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.511	83	250670	49.199	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	328980	88.706	ug/l #	100
77) Bromobenzene	12.536	156	332446	52.219	ug/l	92
78) n-propylbenzene	12.597	91	1829897	53.784	ug/l	100
79) 2-Chlorotoluene	12.682	91	1055020	53.209	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	1249585	53.548	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	92556	47.910	ug/l	95
82) 4-Chlorotoluene	12.779	91	1069998	52.491	ug/l	97
83) tert-Butylbenzene	12.999	119	1112235	52.648	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	1226706	53.105	ug/l	98
85) sec-Butylbenzene	13.176	105	1638080	53.375	ug/l	100
86) p-Isopropyltoluene	13.298	119	1349676	53.751	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	652318	52.731	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	639680	52.104	ug/l	97
89) n-Butylbenzene	13.621	91	1288964	53.697	ug/l	99
90) Hexachloroethane	13.883	117	277840	53.179	ug/l	94
91) 1,2-Dichlorobenzene	13.663	146	573587	51.959	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	39413	46.415	ug/l	87
93) 1,2,4-Trichlorobenzene	14.925	180	336065	50.054	ug/l	98
94) Hexachlorobutadiene	15.023	225	185336	51.672	ug/l	98
95) Naphthalene	15.145	128	630727	46.910	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	279686	48.700	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
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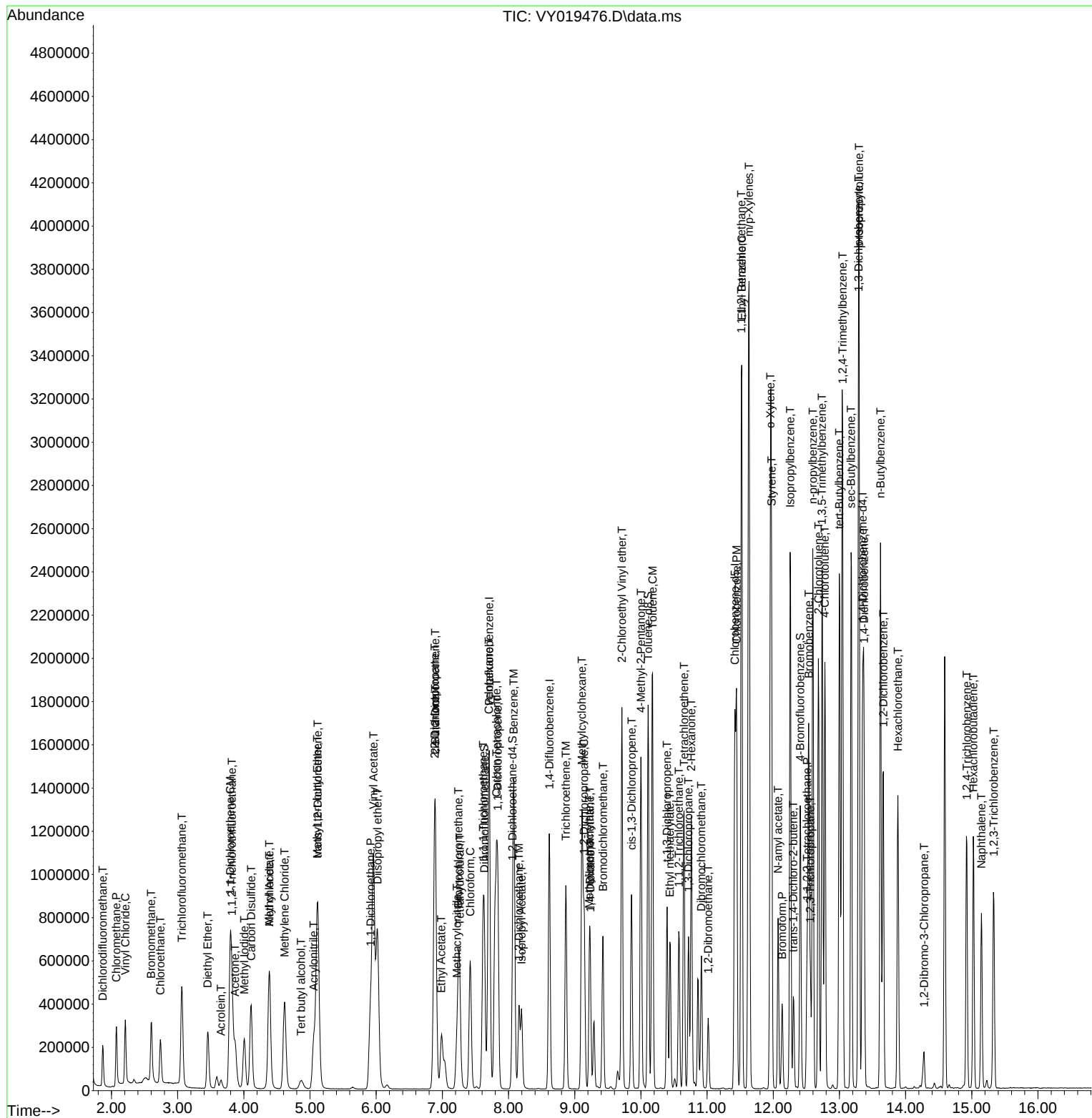
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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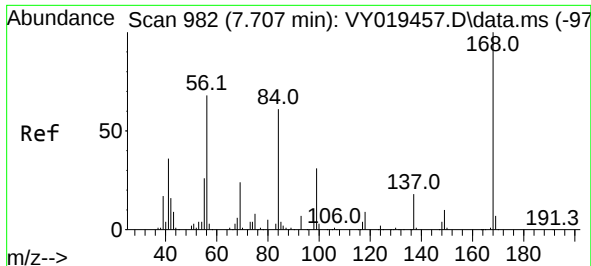
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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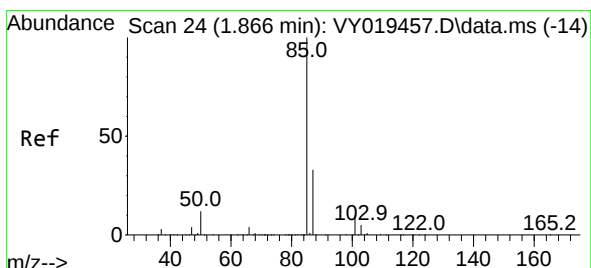
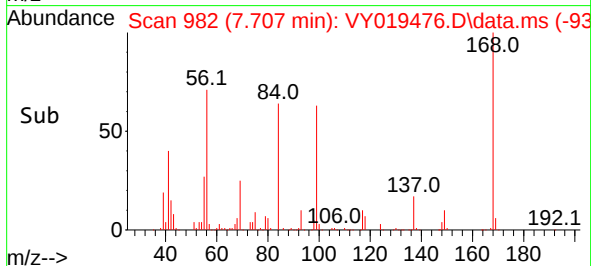
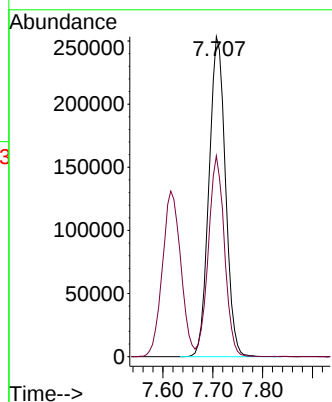
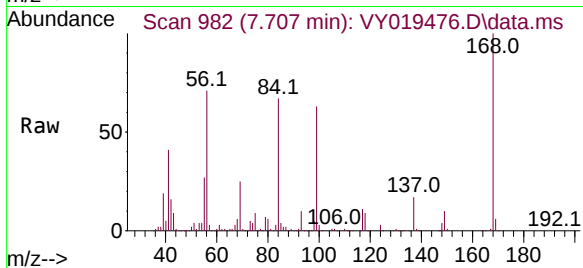




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019476.D
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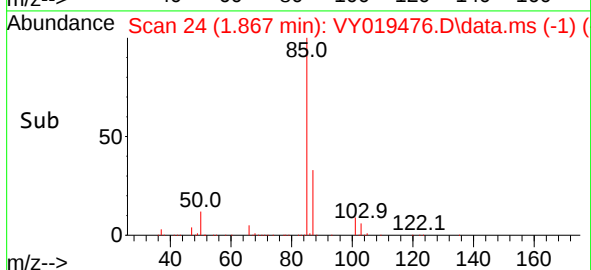
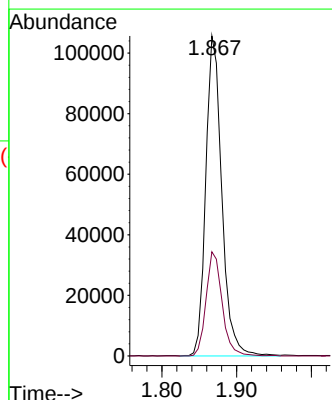
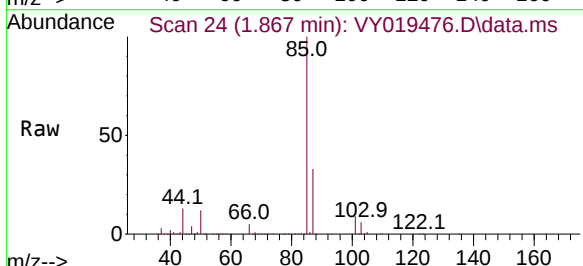
Instrument :
MSVOA_Y
ClientSampleId :

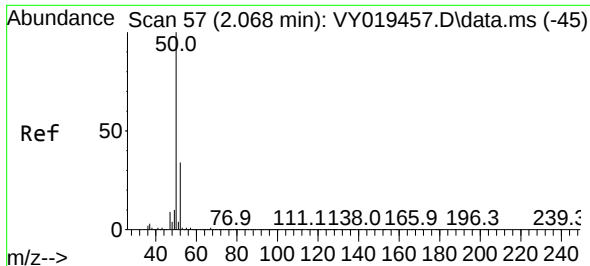
Tgt Ion:168 Resp: 580574
Ion Ratio Lower Upper
168 100
99 62.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 49.684 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Tgt Ion: 85 Resp: 157740
Ion Ratio Lower Upper
85 100
87 32.5 16.0 48.0

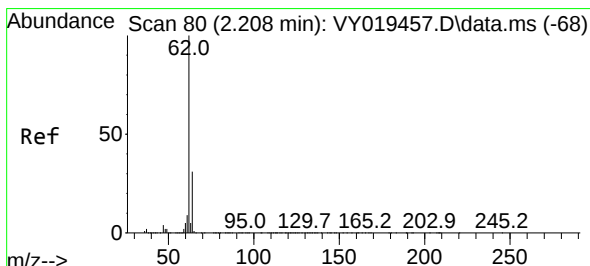
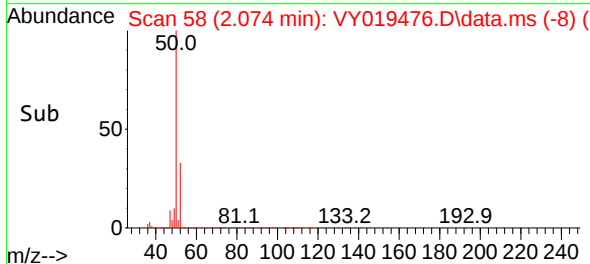
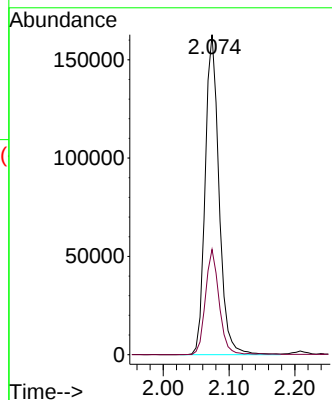
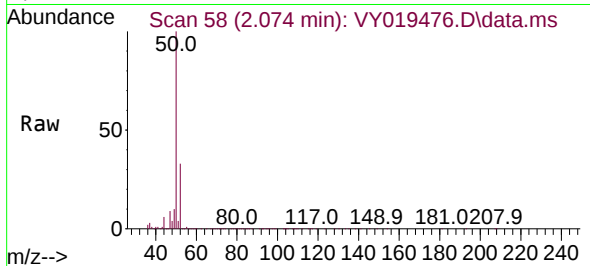




#3
Chloromethane
Concen: 49.665 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

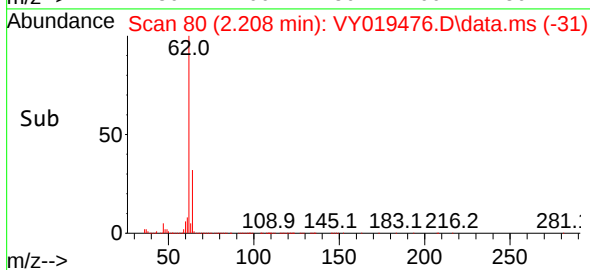
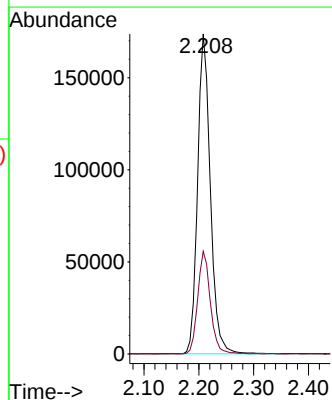
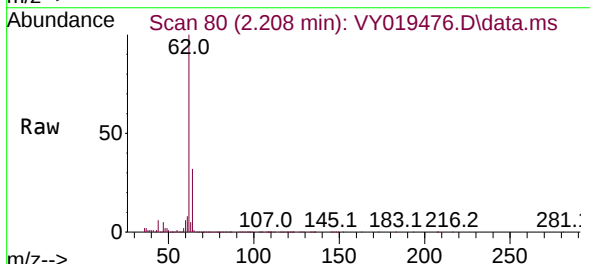
Instrument :
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ClientSampleId :

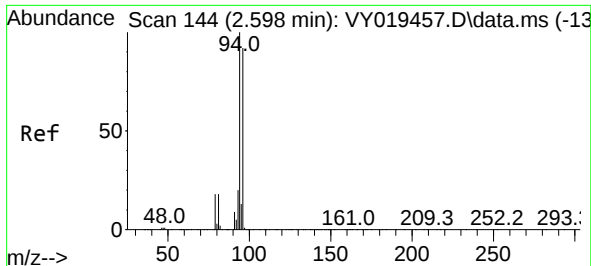
Tgt Ion: 50 Resp: 238562
Ion Ratio Lower Upper
50 100
52 32.9 25.6 38.4



#4
Vinyl Chloride
Concen: 54.262 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Tgt Ion: 62 Resp: 281840
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1

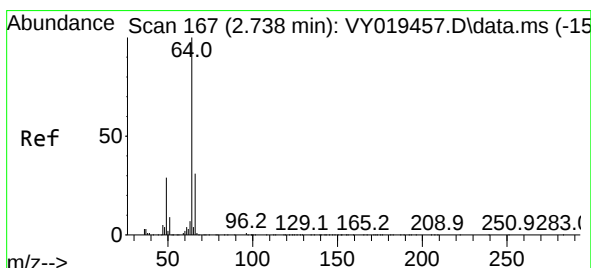
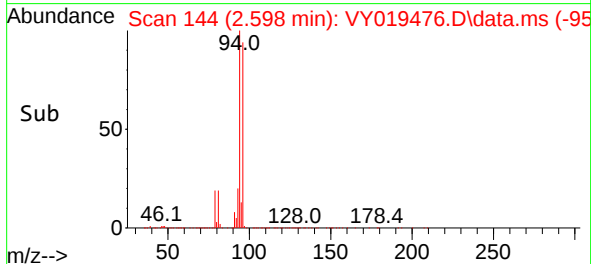
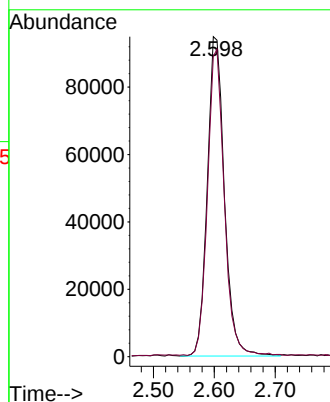
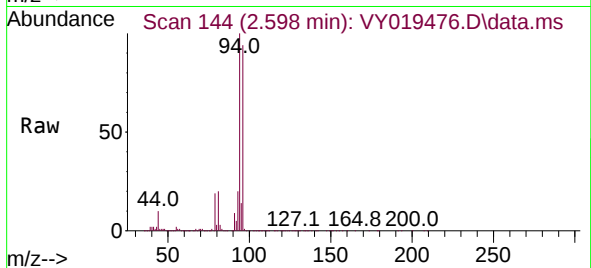




#5
Bromomethane
Concen: 58.078 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019476.D
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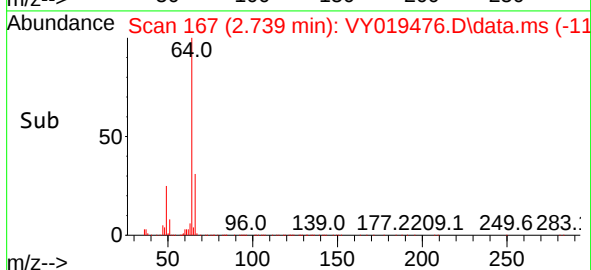
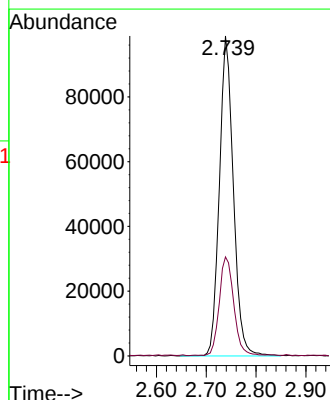
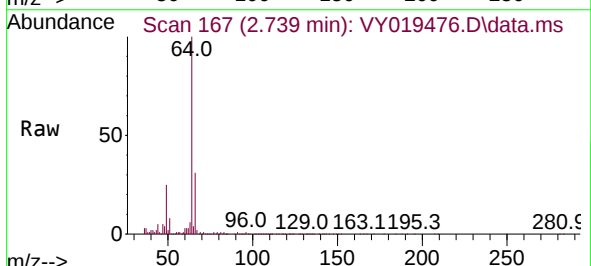
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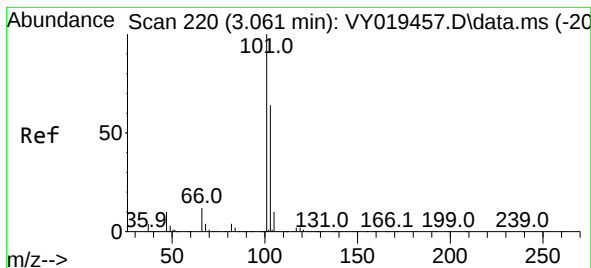
Tgt Ion: 94 Resp: 185295
Ion Ratio Lower Upper
94 100
96 93.6 74.1 111.1



#6
Chloroethane
Concen: 56.673 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019476.D
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Tgt Ion: 64 Resp: 192432
Ion Ratio Lower Upper
64 100
66 30.8 26.1 39.1





#7

Trichlorofluoromethane

Concen: 53.908 ug/l

RT: 3.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY019476.D

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Instrument :

MSVOA_Y

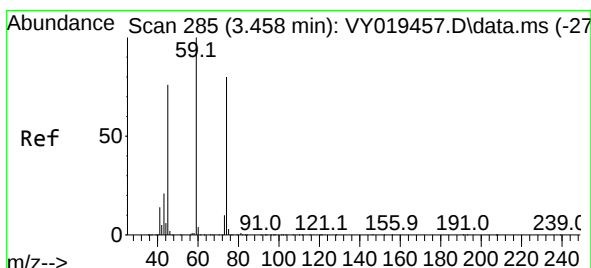
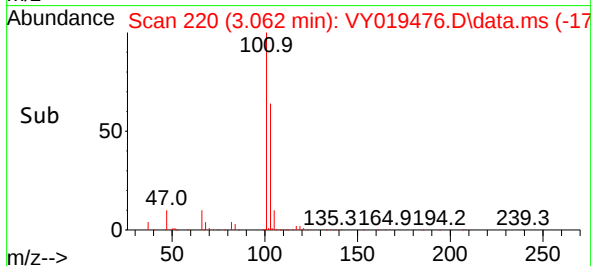
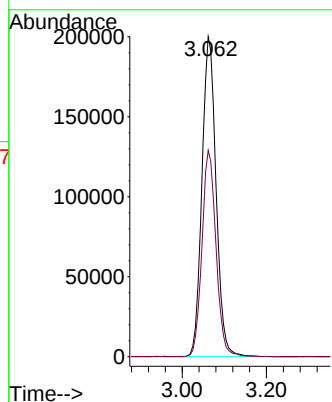
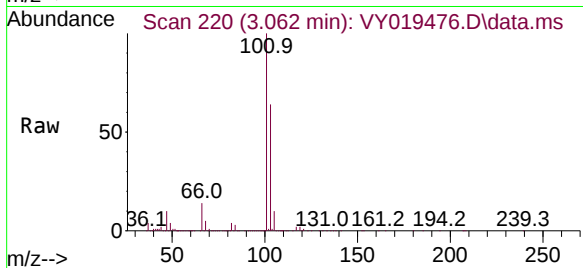
ClientSampleId :

Tgt Ion:101 Resp: 466751

Ion Ratio Lower Upper

101 100

103 64.5 49.3 73.9



#8

Diethyl Ether

Concen: 51.319 ug/l

RT: 3.452 min Scan# 284

Delta R.T. -0.006 min

Lab File: VY019476.D

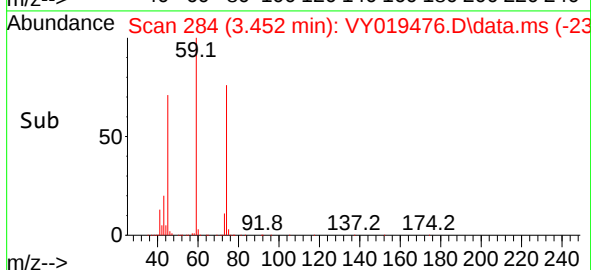
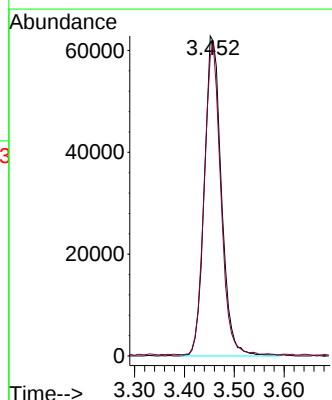
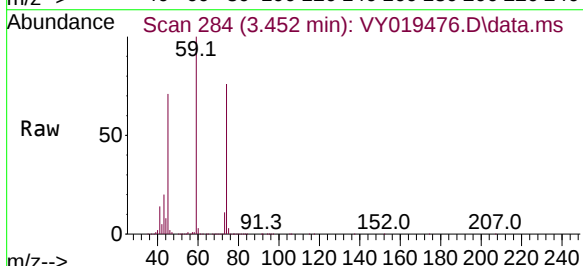
Acq: 10 Sep 2024 09:13

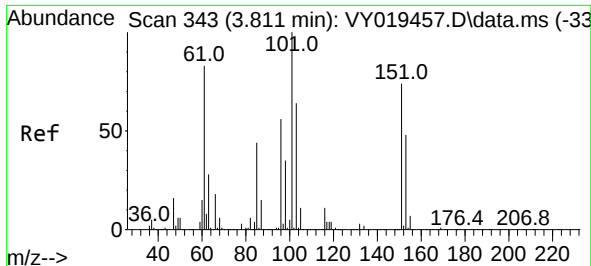
Tgt Ion: 74 Resp: 149150

Ion Ratio Lower Upper

74 100

45 93.9 41.3 124.1

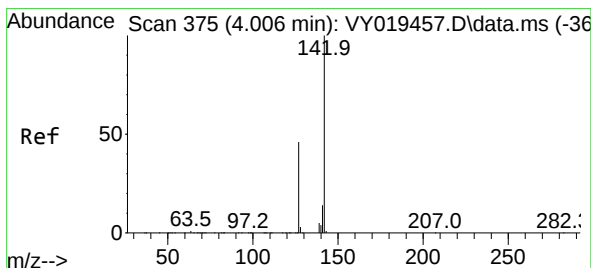
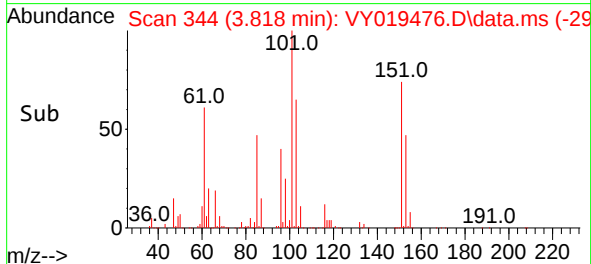
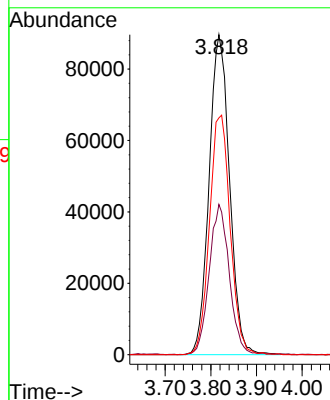
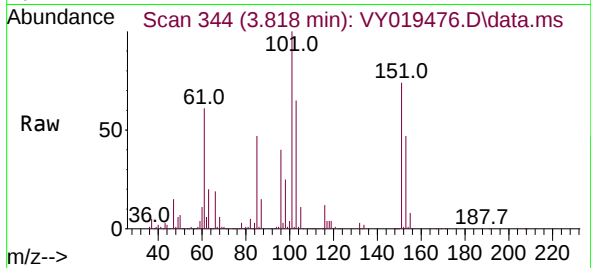




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.138 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

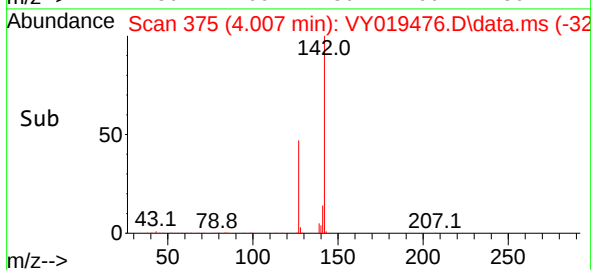
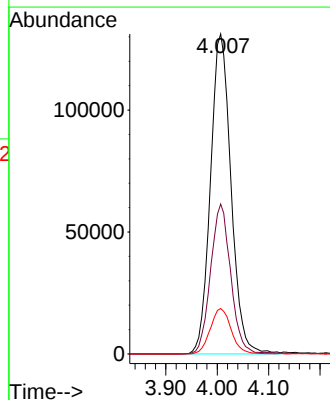
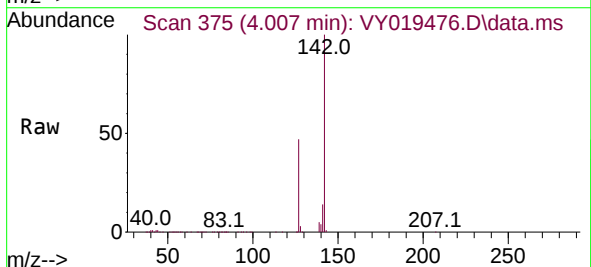
Instrument :
MSVOA_Y
ClientSampleId :

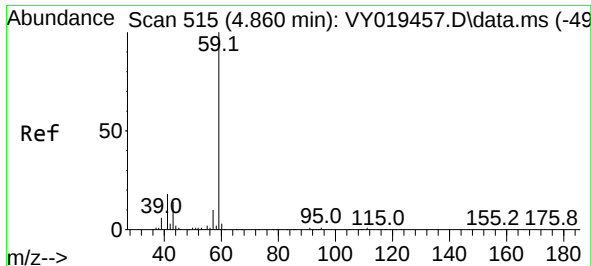
Tgt Ion:101 Resp: 279255
Ion Ratio Lower Upper
101 100
85 46.3 34.5 51.7
151 75.6 61.7 92.5



#10
Methyl Iodide
Concen: 53.143 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Tgt Ion:142 Resp: 364932
Ion Ratio Lower Upper
142 100
127 46.2 32.8 49.2
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 227.839 ug/l

RT: 4.866 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

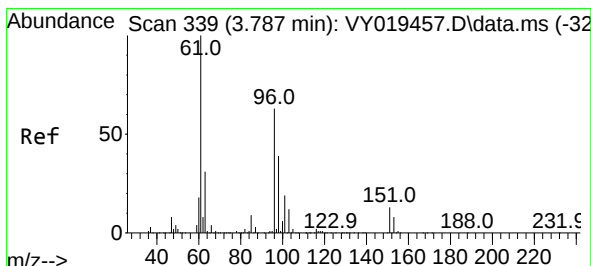
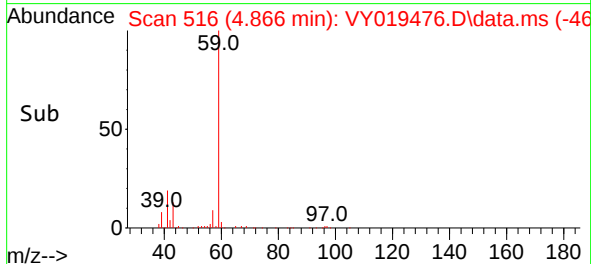
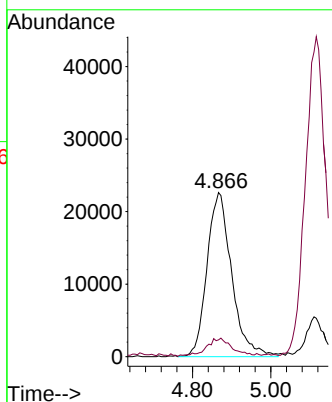
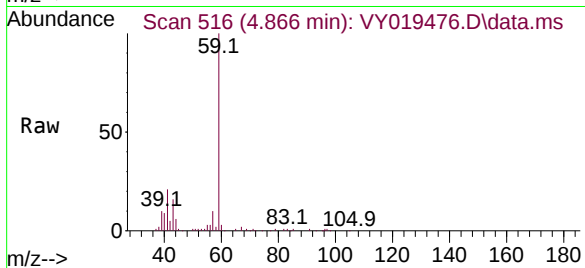
ClientSampleId :

Tgt Ion: 59 Resp: 98917

Ion Ratio Lower Upper

59 100

57 11.3 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 52.793 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

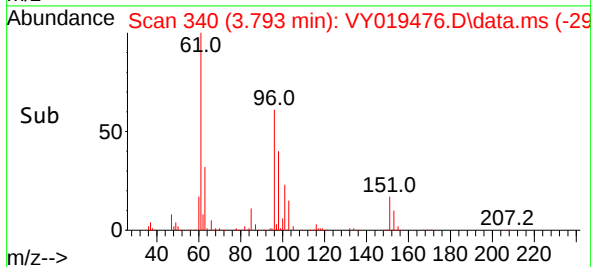
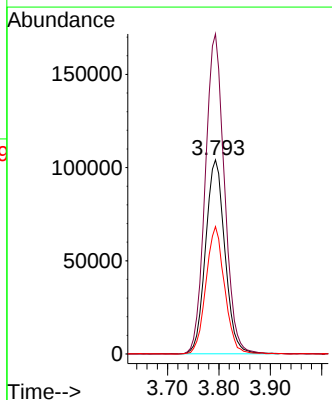
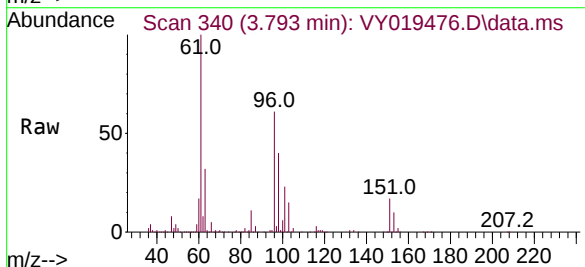
Tgt Ion: 96 Resp: 271933

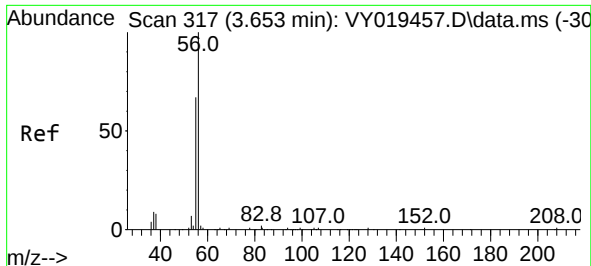
Ion Ratio Lower Upper

96 100

61 165.0 114.6 171.8

98 65.7 50.8 76.2

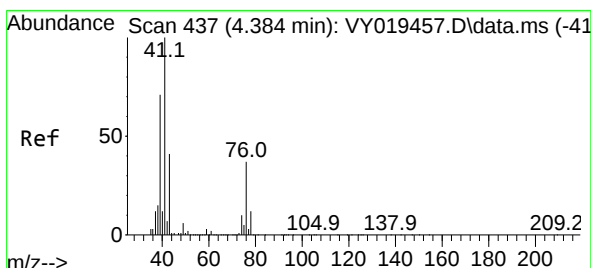
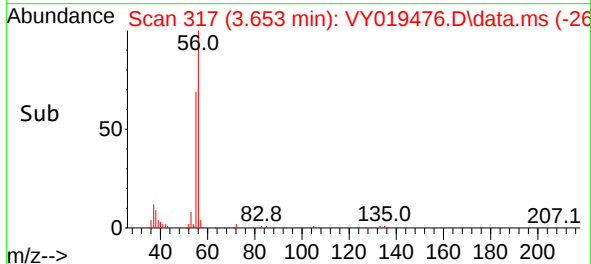
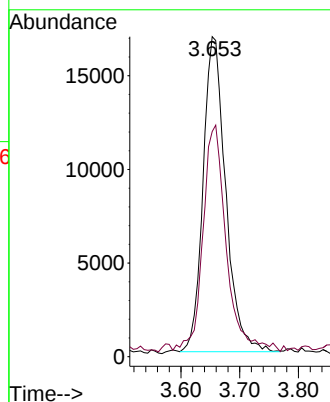
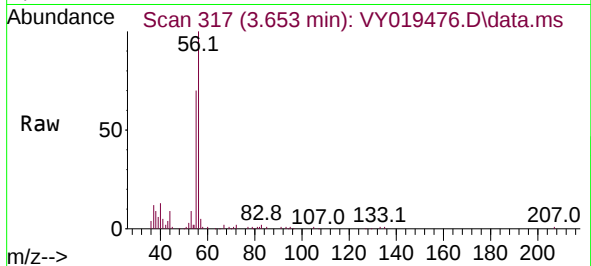




#13
Acrolein
Concen: 213.406 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

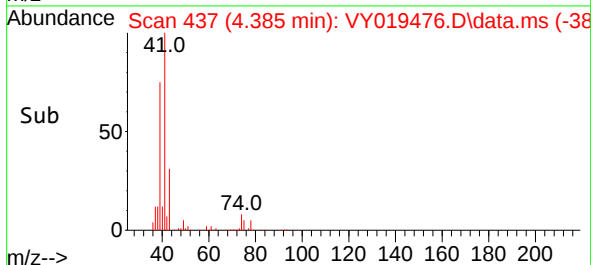
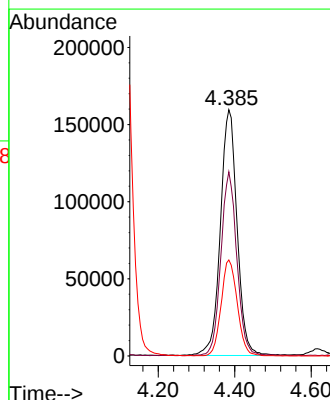
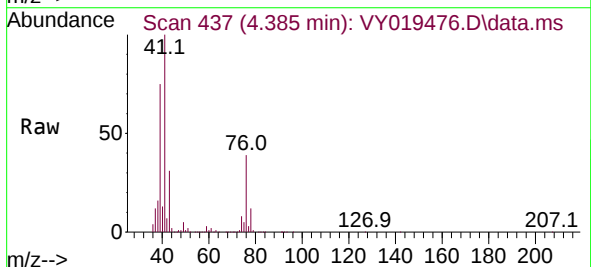
Instrument :
MSVOA_Y
ClientSampleId :

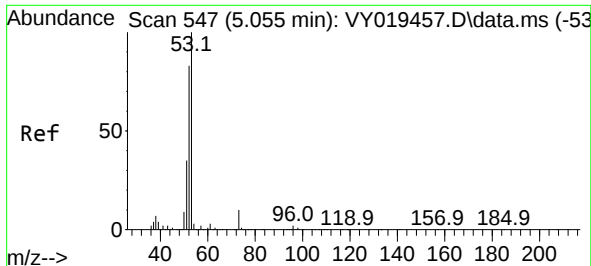
Tgt Ion: 56 Resp: 45042
Ion Ratio Lower Upper
56 100
55 74.4 55.7 83.5



#14
Allyl chloride
Concen: 52.312 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Tgt Ion: 41 Resp: 483215
Ion Ratio Lower Upper
41 100
39 71.3 58.3 87.5
76 37.4 39.0 58.6#





#15

Acrylonitrile

Concen: 244.923 ug/l

RT: 5.055 min Scan# 54

Delta R.T. 0.000 min

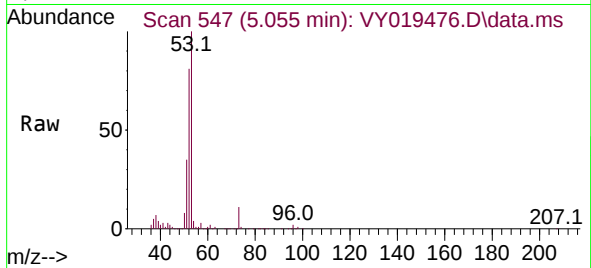
Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

ClientSampleId :



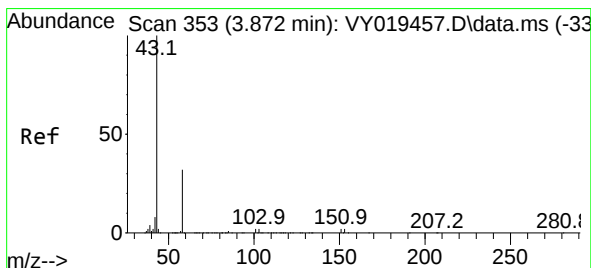
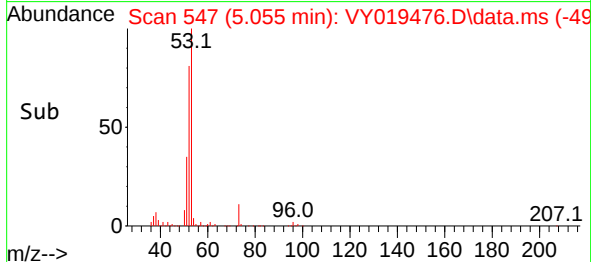
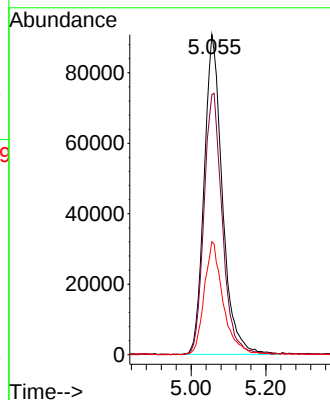
Tgt Ion: 53 Resp: 306927

Ion Ratio Lower Upper

53 100

52 82.2 64.7 97.1

51 36.8 28.4 42.6



#16

Acetone

Concen: 284.673 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.006 min

Lab File: VY019476.D

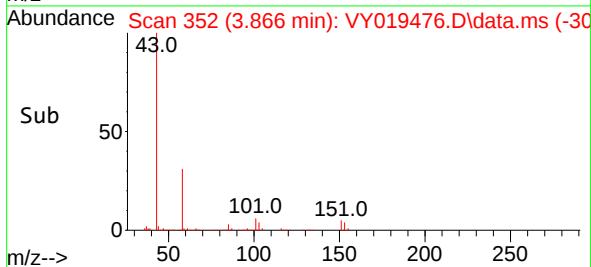
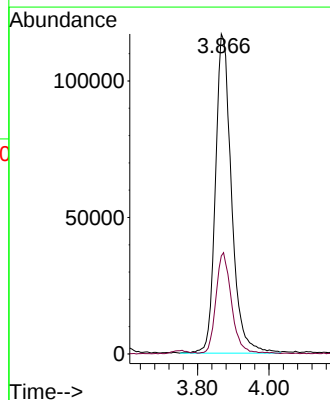
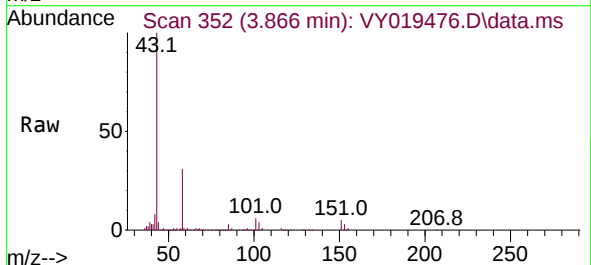
Acq: 10 Sep 2024 09:13

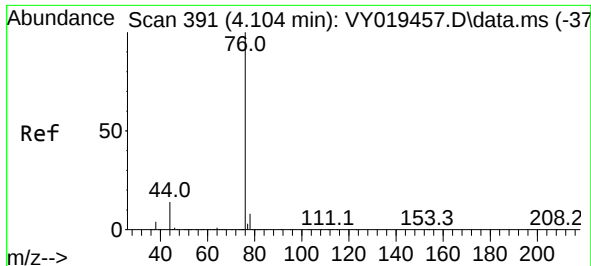
Tgt Ion: 43 Resp: 364595

Ion Ratio Lower Upper

43 100

58 30.5 31.7 47.5#

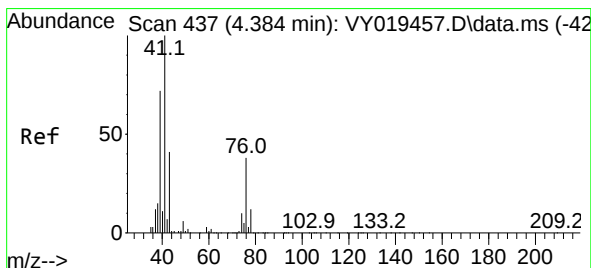
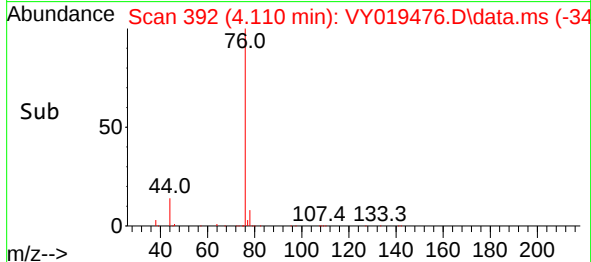
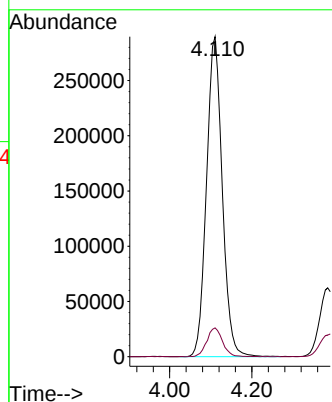
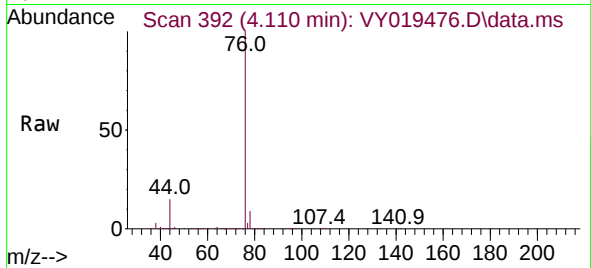




#17
Carbon Disulfide
Concen: 55.365 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

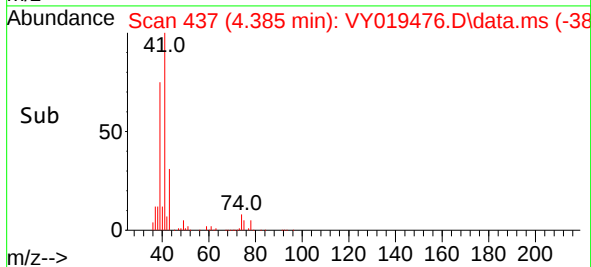
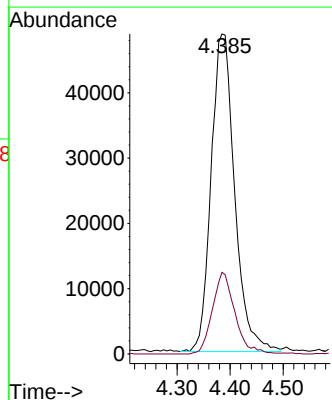
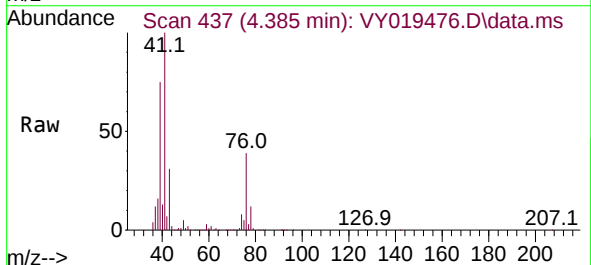
Instrument :
MSVOA_Y
ClientSampleId :

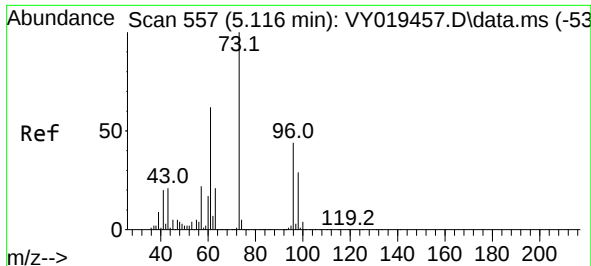
Tgt Ion: 76 Resp: 770515
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 43.164 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Tgt Ion: 43 Resp: 150025
Ion Ratio Lower Upper
43 100
74 24.6 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 50.988 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

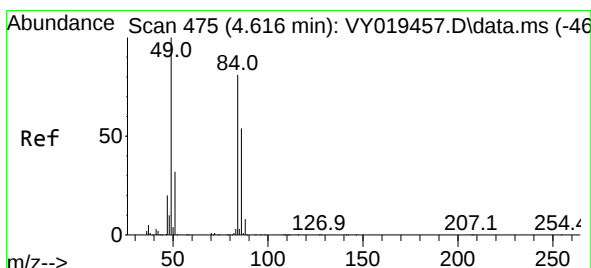
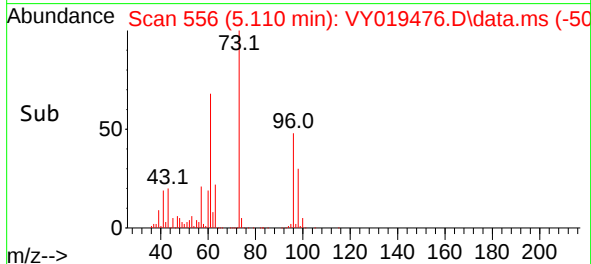
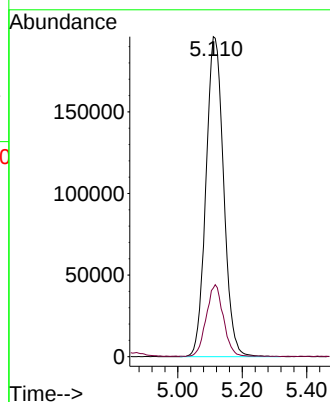
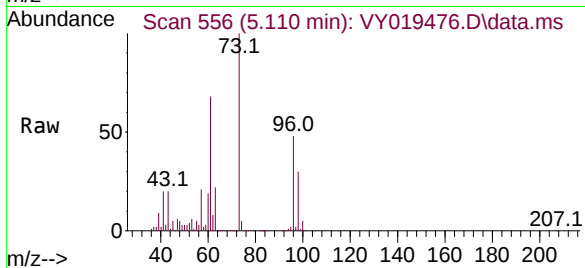
ClientSampleId :

Tgt Ion: 73 Resp: 743857

Ion Ratio Lower Upper

73 100

57 21.4 17.3 25.9



#20

Methylene Chloride

Concen: 51.620 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Tgt Ion: 84 Resp: 301503

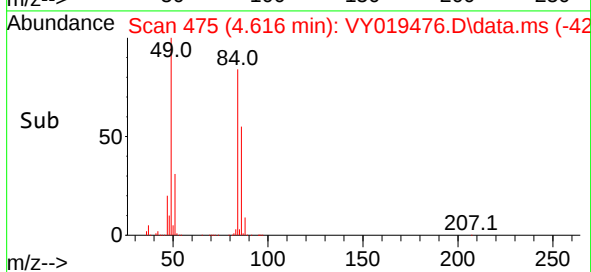
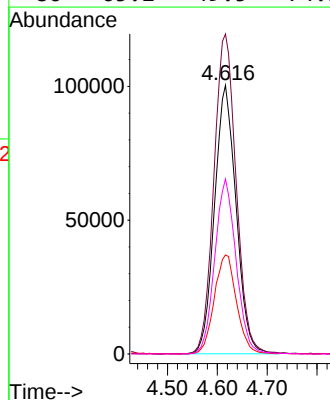
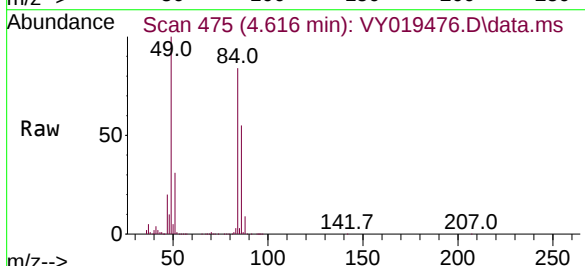
Ion Ratio Lower Upper

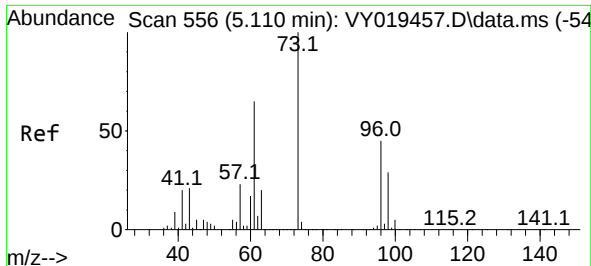
84 100

49 119.1 84.4 126.6

51 36.9 26.0 39.0

86 65.2 49.5 74.3

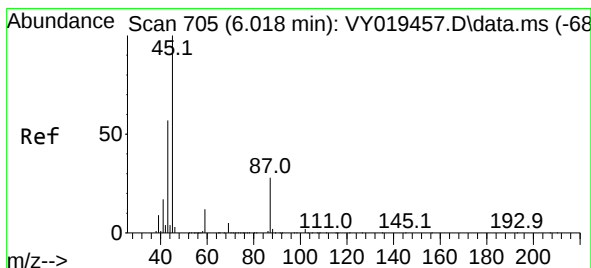
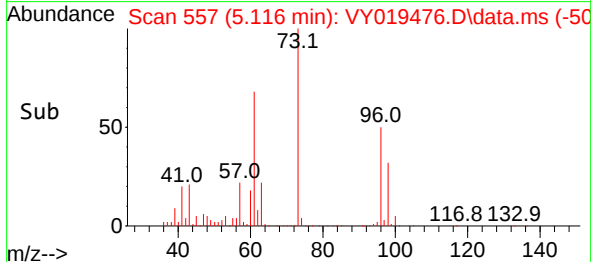
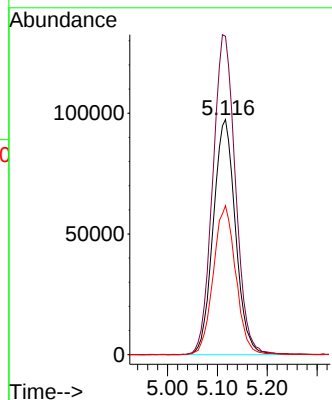
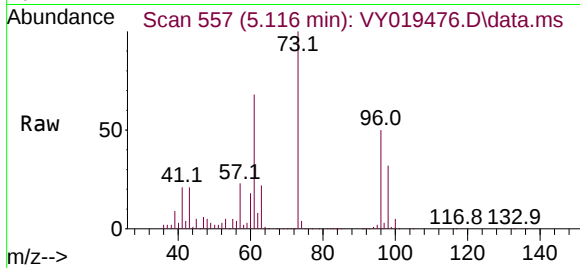




#21
trans-1,2-Dichloroethene
Concen: 53.596 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

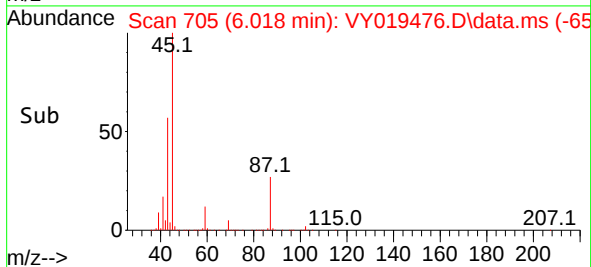
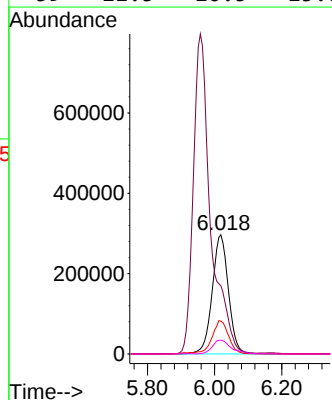
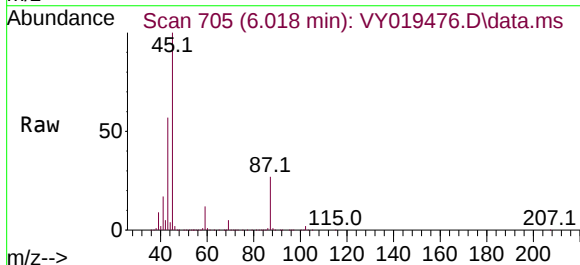
Instrument :
MSVOA_Y
ClientSampleId :

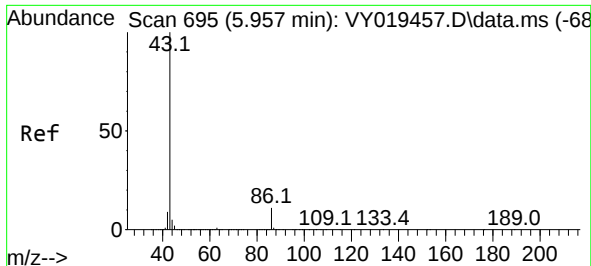
Tgt Ion: 96 Resp: 302599
Ion Ratio Lower Upper
96 100
61 135.3 97.5 146.3
98 63.3 50.5 75.7



#22
Diisopropyl ether
Concen: 52.311 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Tgt Ion: 45 Resp: 992268
Ion Ratio Lower Upper
45 100
43 56.9 42.2 63.2
87 27.5 25.0 37.6
59 11.5 10.5 15.7

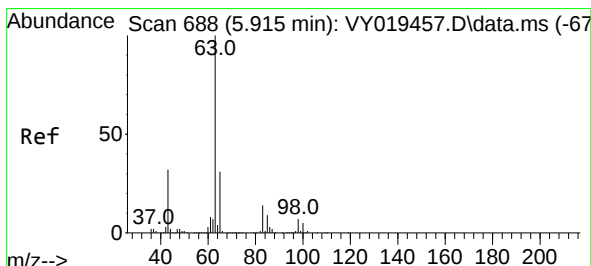
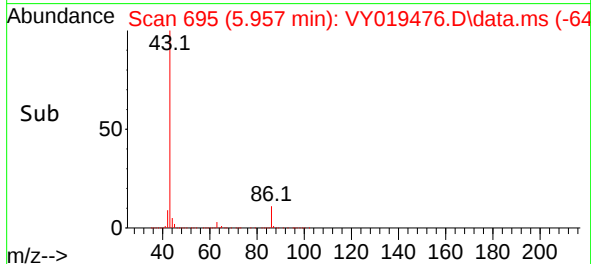
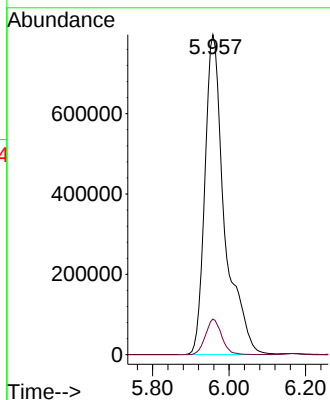
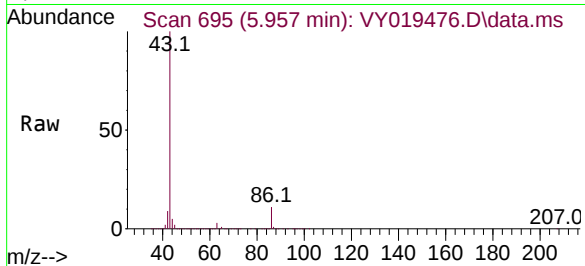




#23
 Vinyl Acetate
 Concen: 262.704 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019476.D
 Acq: 10 Sep 2024 09:13

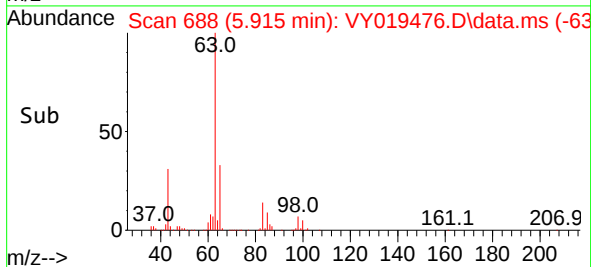
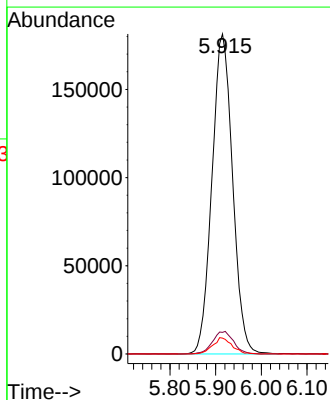
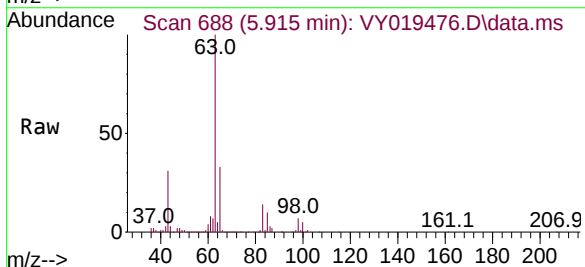
Instrument :
 MSVOA_Y
 ClientSampleId :

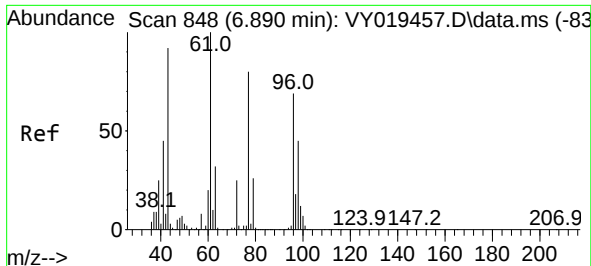
Tgt Ion: 43 Resp: 2846336
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 53.446 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019476.D
 Acq: 10 Sep 2024 09:13

Tgt Ion: 63 Resp: 568886
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.0 12.2
 100 4.9 2.6 8.0





#25

2-Butanone

Concen: 260.419 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

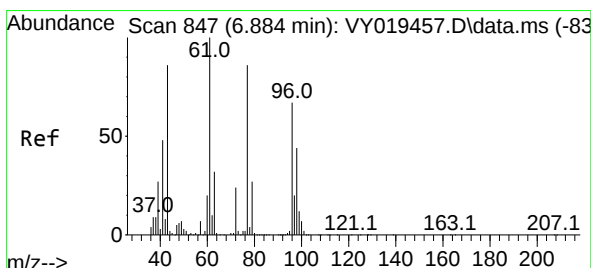
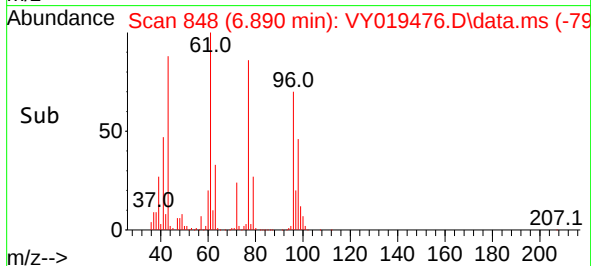
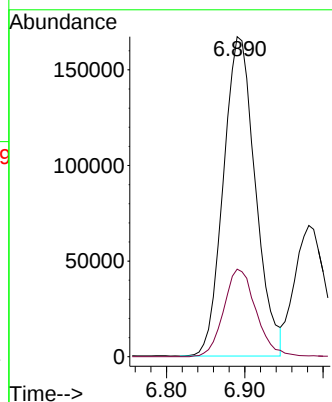
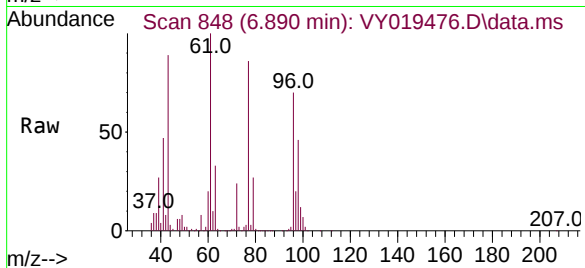
ClientSampleId :

Tgt Ion: 43 Resp: 474366

Ion Ratio Lower Upper

43 100

72 27.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 54.460 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY019476.D

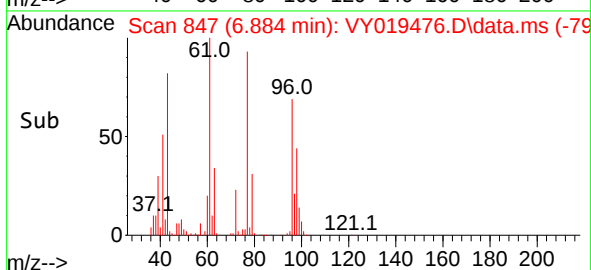
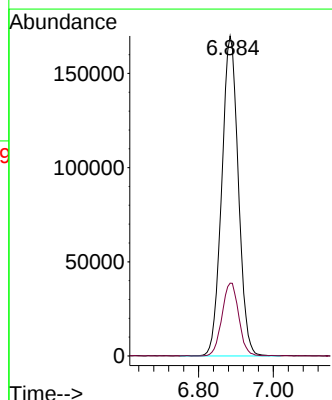
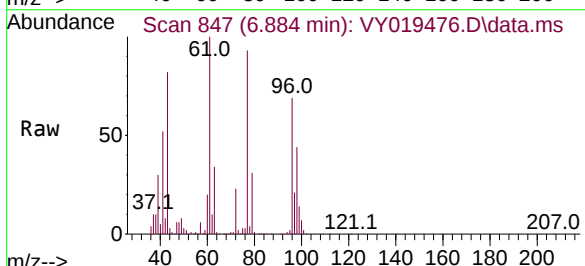
Acq: 10 Sep 2024 09:13

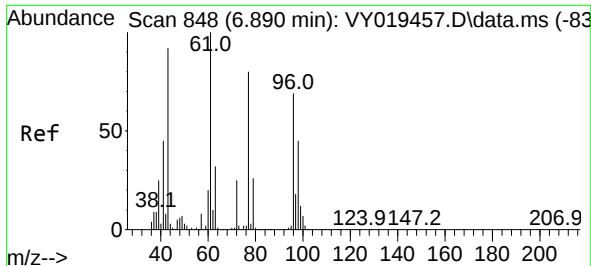
Tgt Ion: 77 Resp: 522888

Ion Ratio Lower Upper

77 100

97 23.1 12.0 36.1

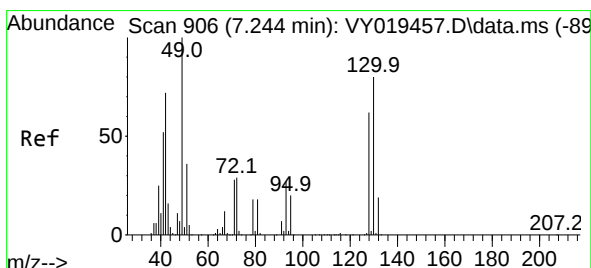
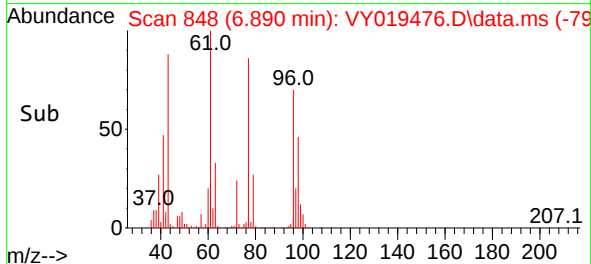
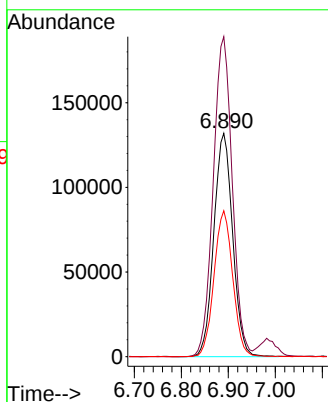
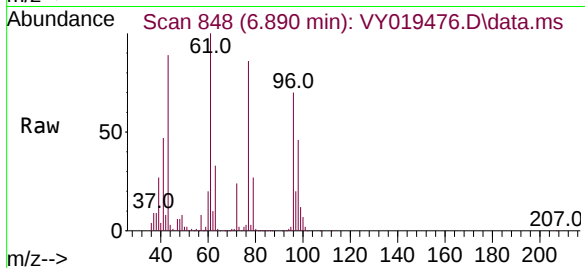




#27
 cis-1,2-Dichloroethene
 Concen: 53.683 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019476.D
 Acq: 10 Sep 2024 09:13

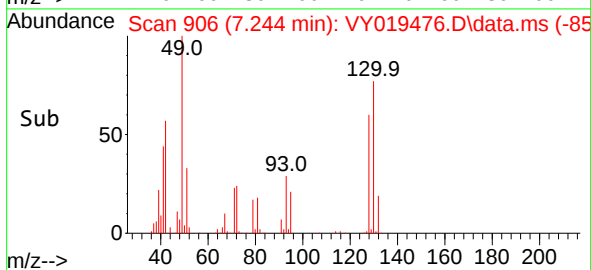
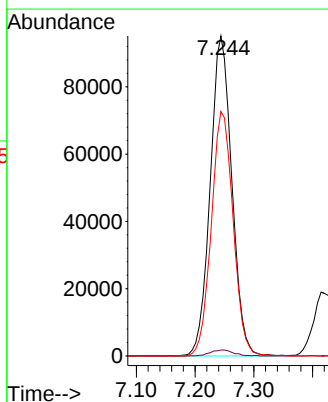
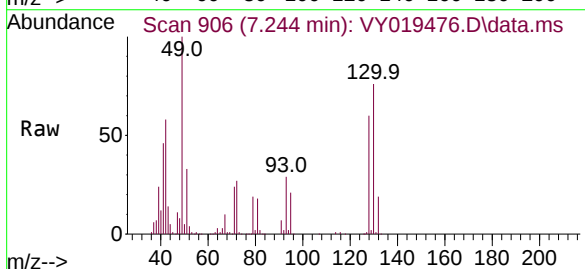
Instrument :
 MSVOA_Y
 ClientSampleId :

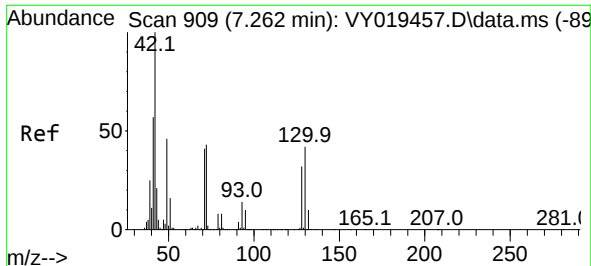
Tgt Ion: 96 Resp: 368170
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 256.2
 98 64.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 54.232 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019476.D
 Acq: 10 Sep 2024 09:13

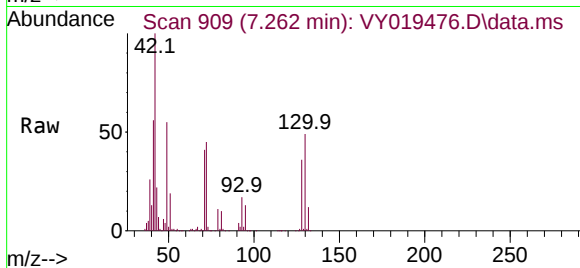
Tgt Ion: 49 Resp: 242883
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 77.1 72.7 109.1



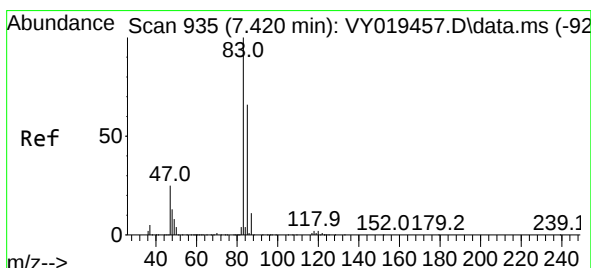
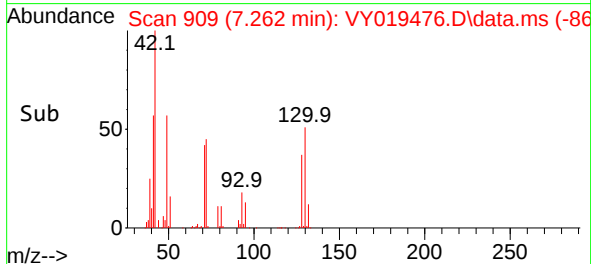
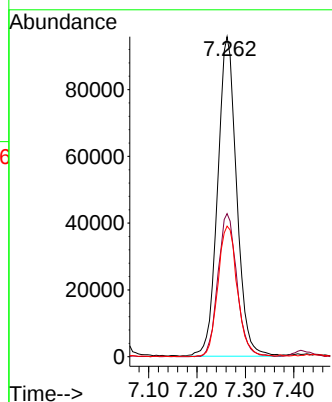


#29
Tetrahydrofuran
Concen: 235.688 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Instrument :
MSVOA_Y
ClientSampleId :

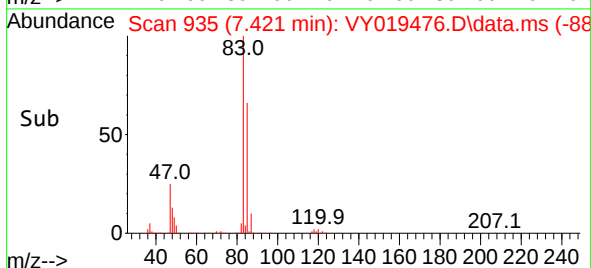
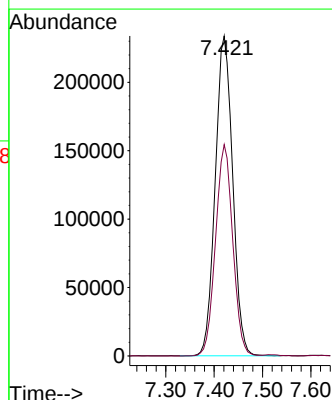
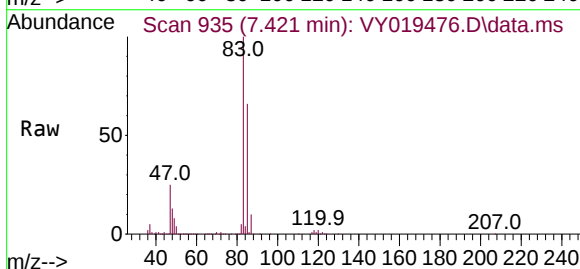


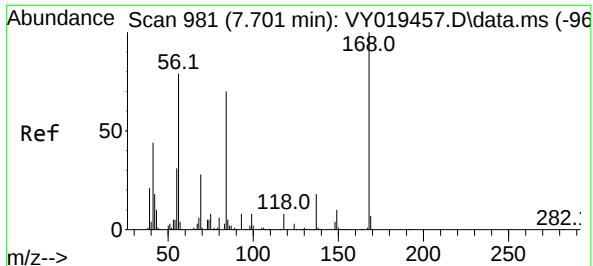
Tgt Ion: 42 Resp: 261032
Ion Ratio Lower Upper
42 100
72 44.9 43.0 64.4
71 42.0 40.8 61.2



#30
Chloroform
Concen: 53.852 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

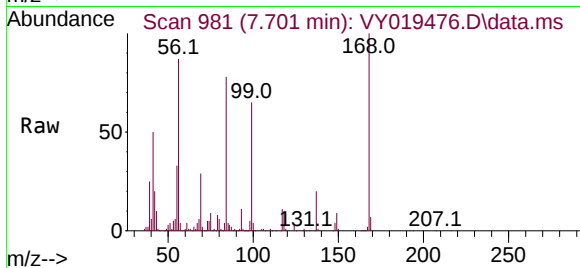
Tgt Ion: 83 Resp: 585154
Ion Ratio Lower Upper
83 100
85 66.1 52.2 78.4



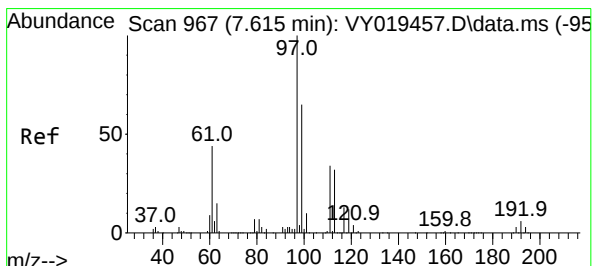
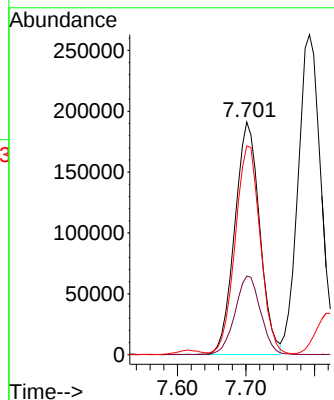
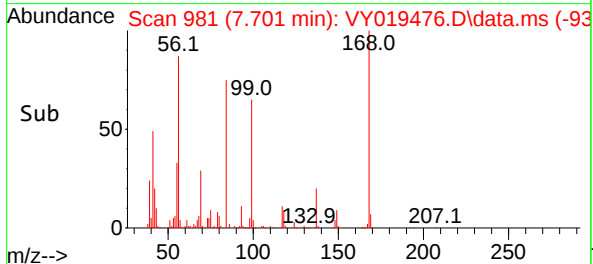


#31
Cyclohexane
Concen: 50.323 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Instrument :
MSVOA_Y
ClientSampleId :

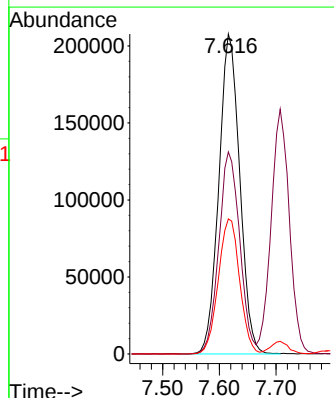
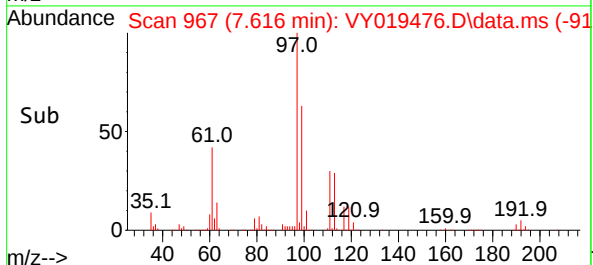
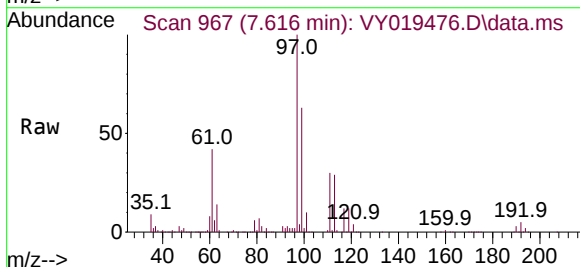


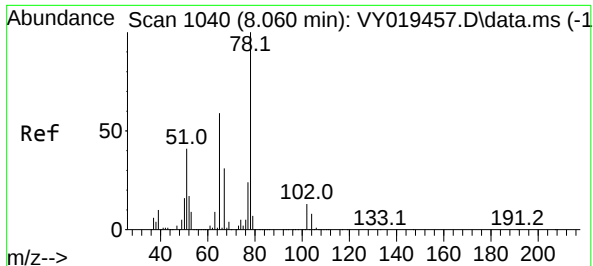
Tgt Ion: 56 Resp: 484174
Ion Ratio Lower Upper
56 100
69 33.6 28.7 43.1
84 88.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 54.555 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Tgt Ion: 97 Resp: 531336
Ion Ratio Lower Upper
97 100
99 63.3 50.3 75.5
61 43.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 53.316 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

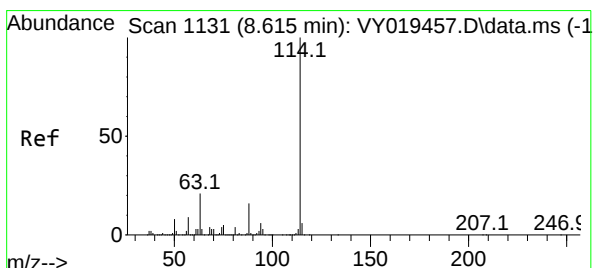
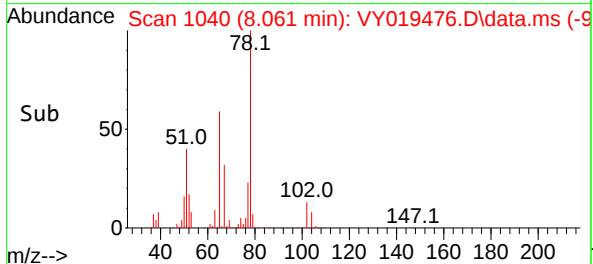
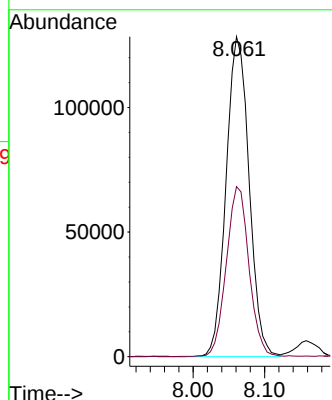
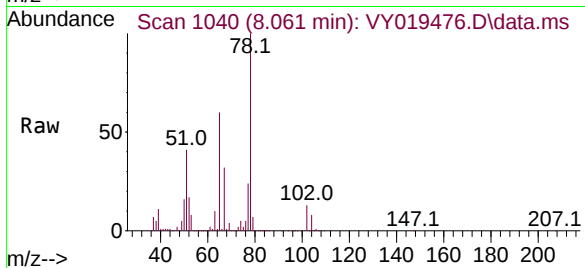
ClientSampleId :

Tgt Ion: 65 Resp: 286626

Ion Ratio Lower Upper

65 100

67 52.4 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: VY019476.D

Acq: 10 Sep 2024 09:13

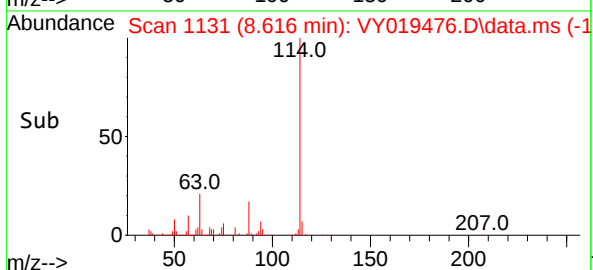
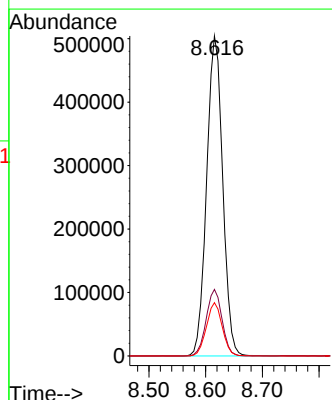
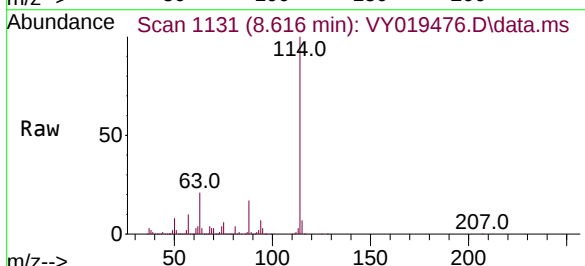
Tgt Ion: 114 Resp: 991162

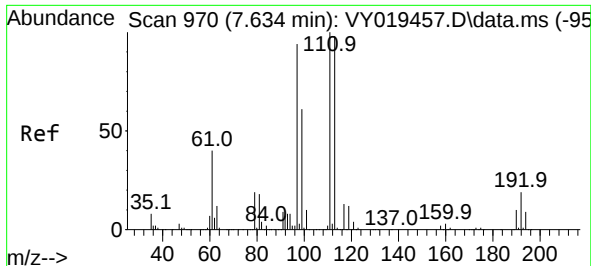
Ion Ratio Lower Upper

114 100

63 20.8 0.0 35.0

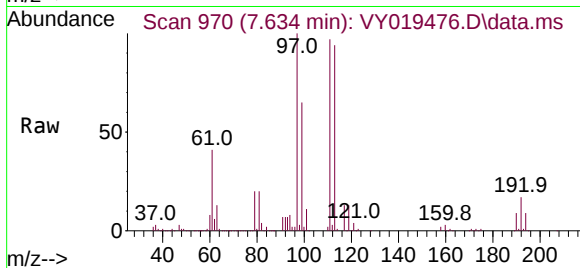
88 16.7 0.0 27.2



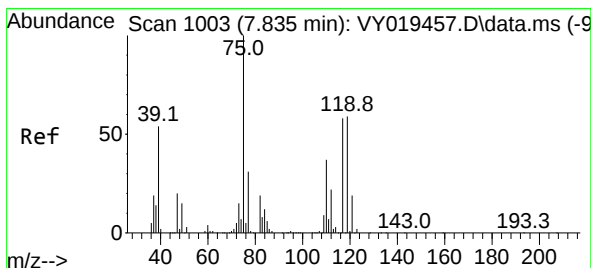
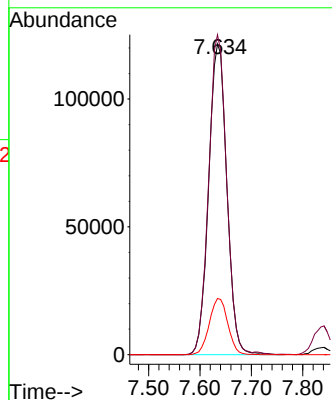
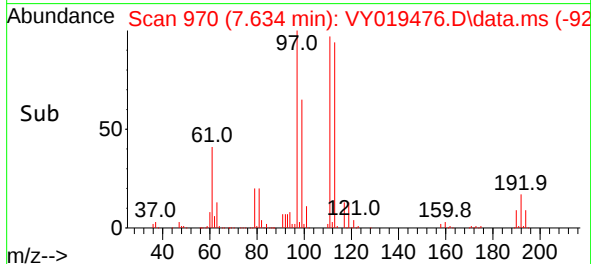


#35
Dibromofluoromethane
Concen: 53.164 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

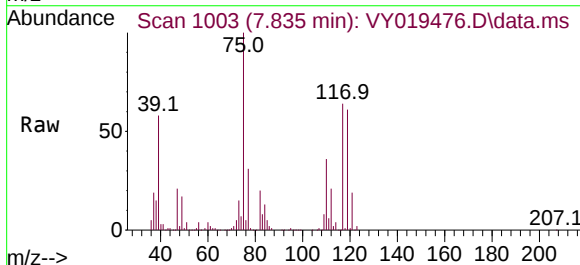
Instrument :
MSVOA_Y
ClientSampleId :



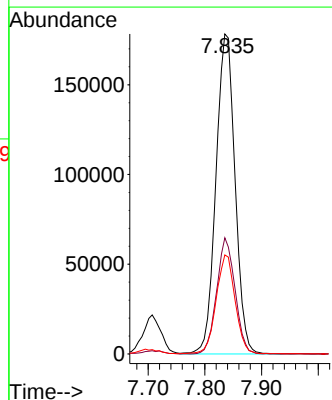
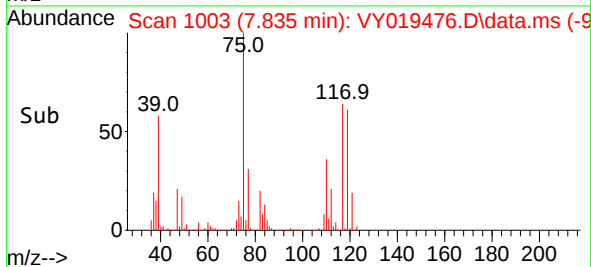
Tgt Ion:113 Resp: 298767
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 18.4 15.9 23.9

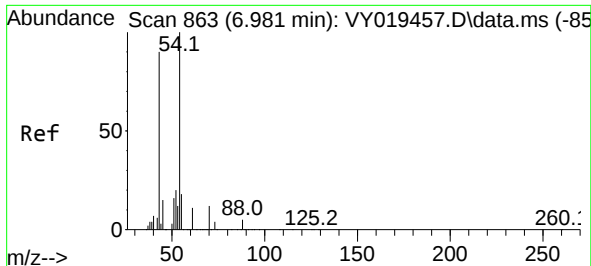


#36
1,1-Dichloropropene
Concen: 54.659 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13



Tgt Ion: 75 Resp: 417964
Ion Ratio Lower Upper
75 100
110 34.8 19.0 57.0
77 30.7 25.3 37.9





#37

Ethyl Acetate

Concen: 49.077 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

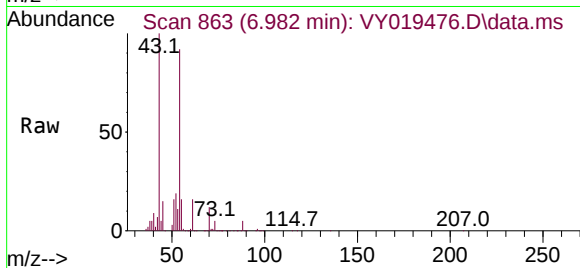
Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

ClientSampleId :



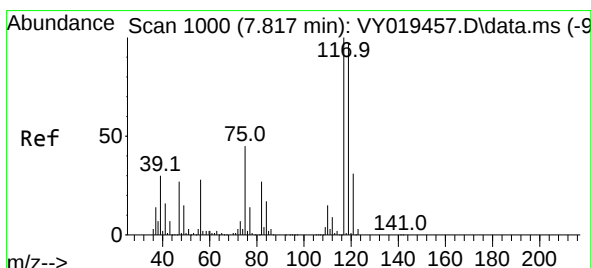
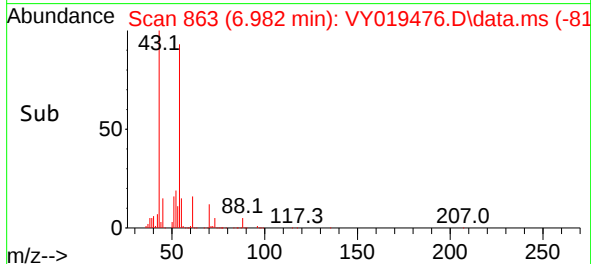
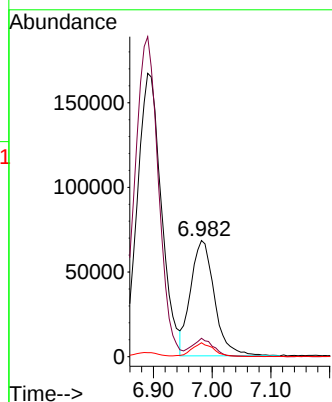
Tgt Ion: 43 Resp: 192285

Ion Ratio Lower Upper

43 100

61 13.9 12.6 19.0

70 10.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 53.745 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

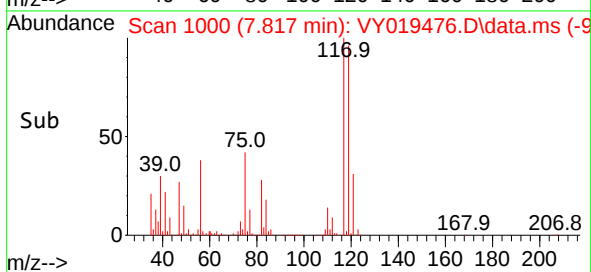
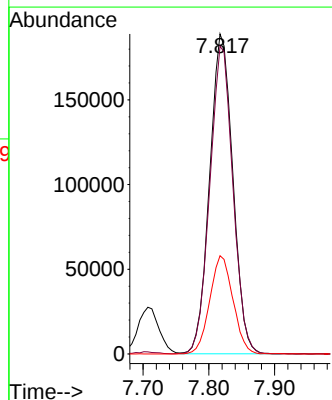
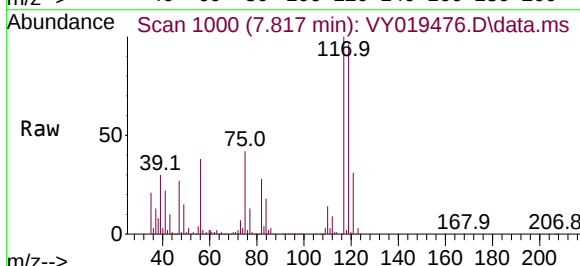
Tgt Ion: 117 Resp: 463455

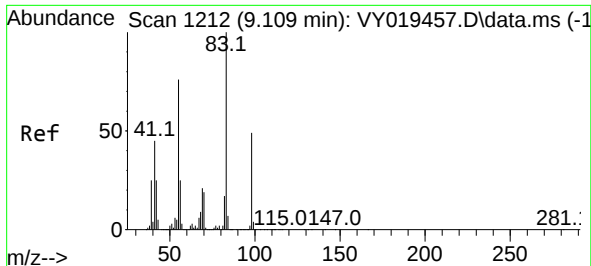
Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.6

121 30.6 24.0 36.0





#39

Methylcyclohexane

Concen: 53.061 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

ClientSampleId :

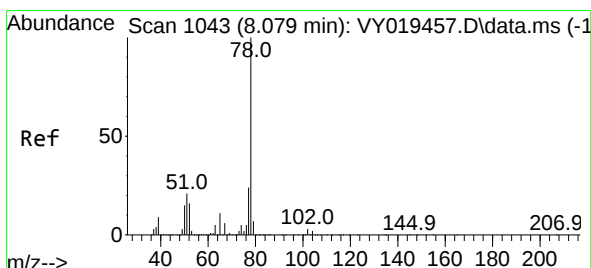
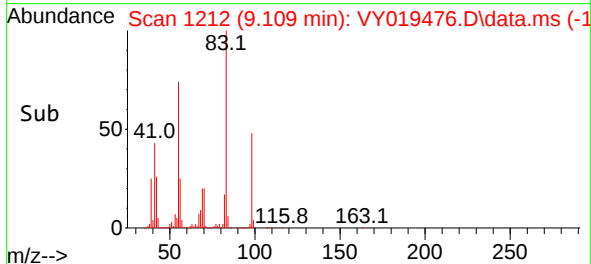
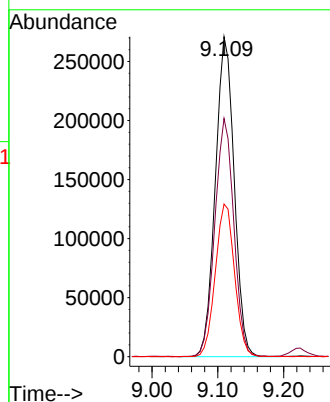
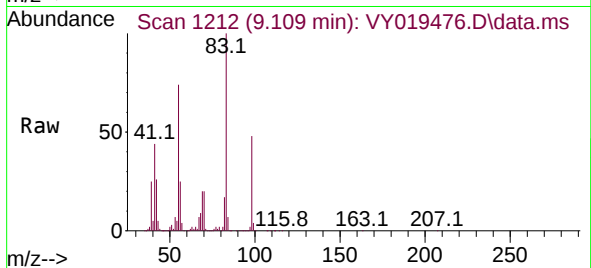
Tgt Ion: 83 Resp: 539959

Ion Ratio Lower Upper

83 100

55 74.4 51.5 77.3

98 47.7 40.5 60.7



#40

Benzene

Concen: 53.341 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019476.D

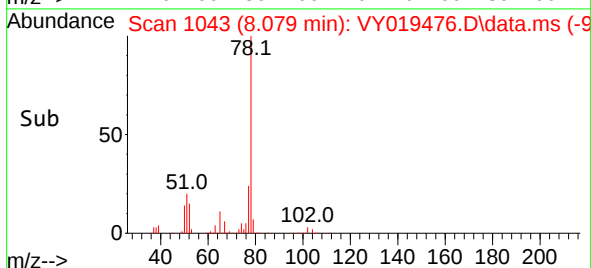
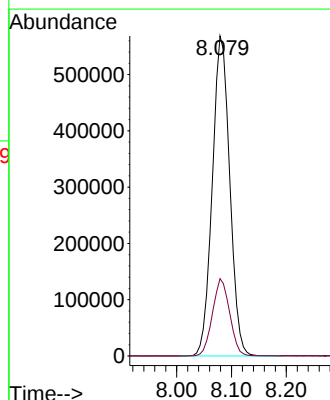
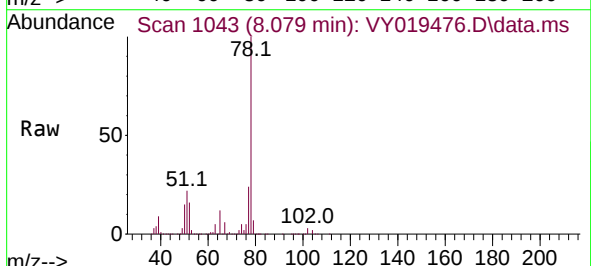
Acq: 10 Sep 2024 09:13

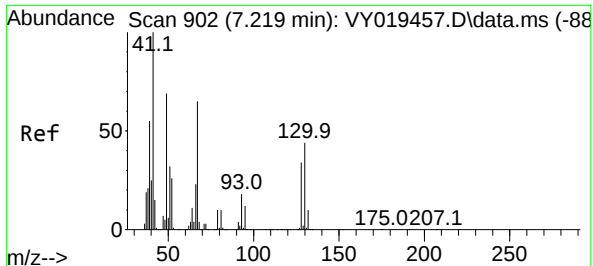
Tgt Ion: 78 Resp: 1256313

Ion Ratio Lower Upper

78 100

77 24.2 19.5 29.3

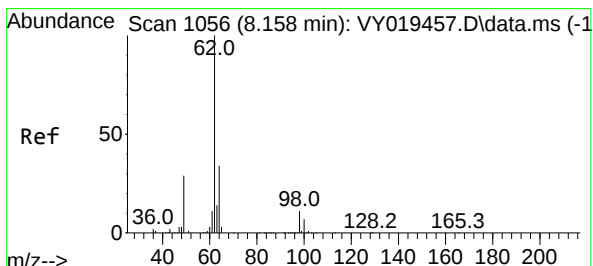
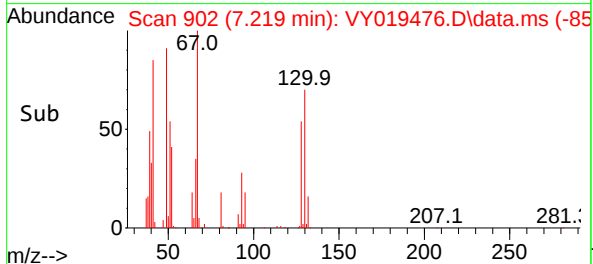
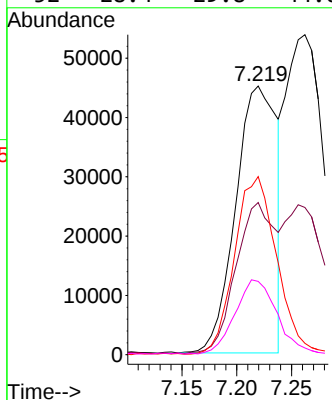
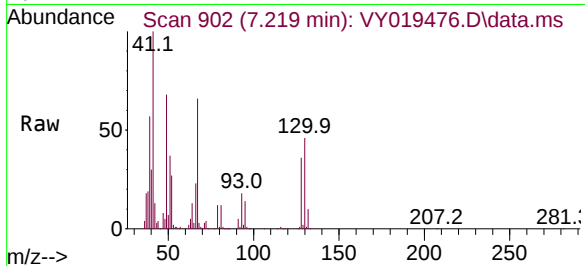




#41
Methacrylonitrile
Concen: 51.305 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

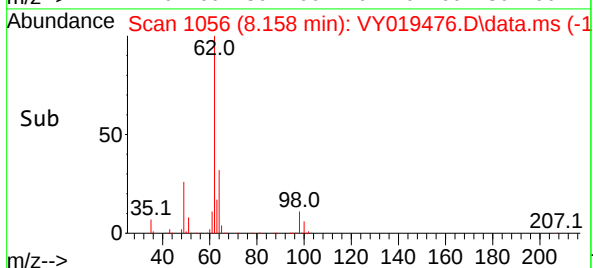
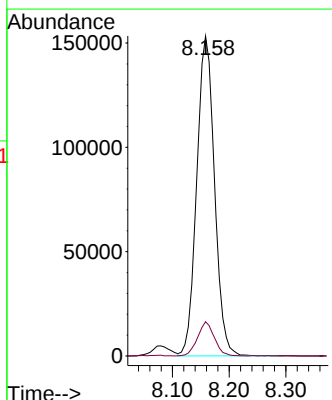
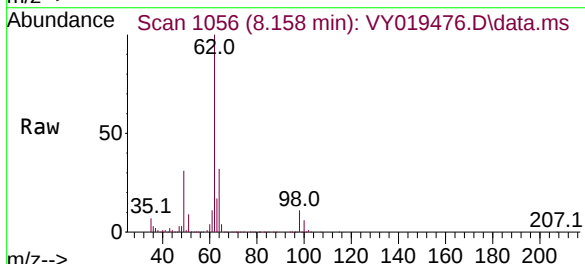
Instrument :
MSVOA_Y
ClientSampleId :

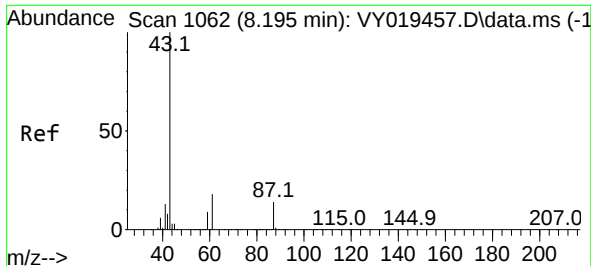
Tgt Ion: 41 Resp: 117176
Ion Ratio Lower Upper
41 100
39 54.6 48.0 72.0
67 68.6 75.1 112.7#
52 28.4 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 52.659 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Tgt Ion: 62 Resp: 333734
Ion Ratio Lower Upper
62 100
98 10.1 0.0 22.0

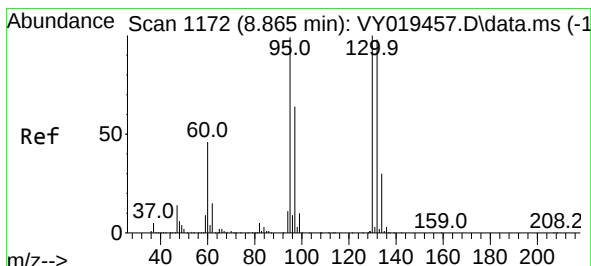
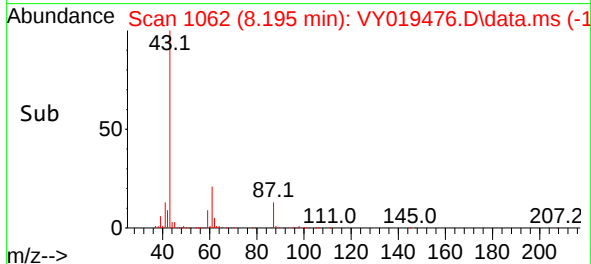
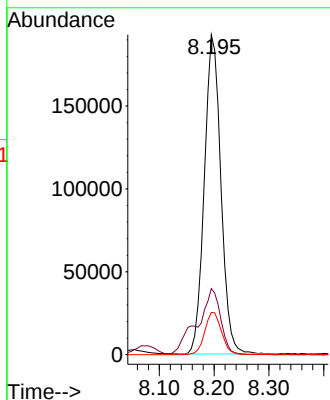
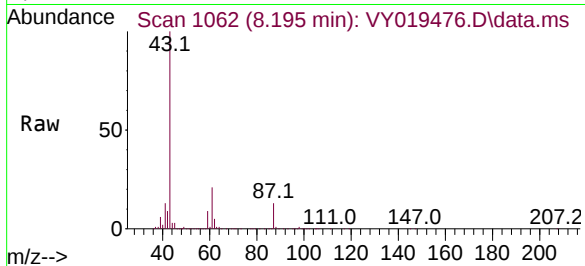




#43
Isopropyl Acetate
Concen: 49.029 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

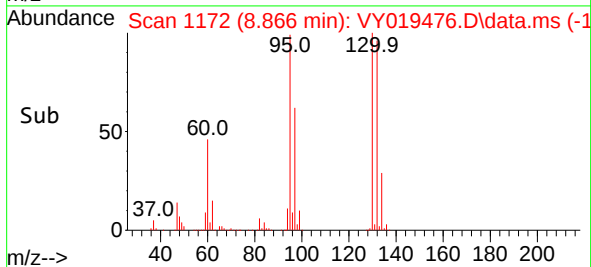
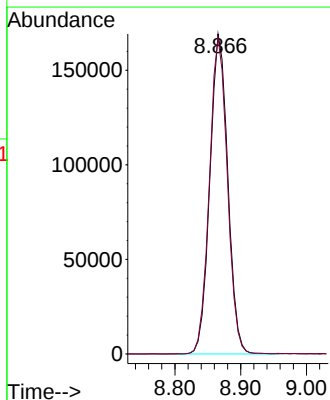
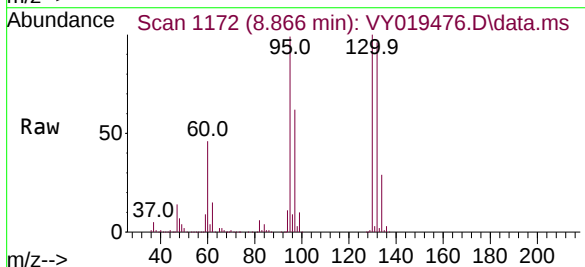
Instrument :
MSVOA_Y
ClientSampleId :

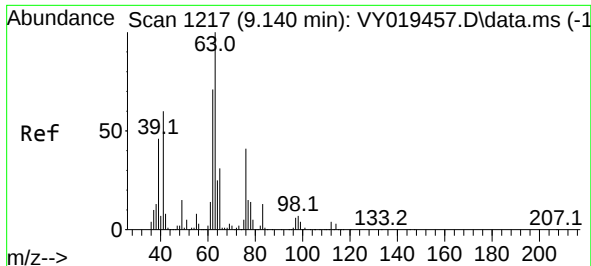
Tgt Ion: 43 Resp: 403577
Ion Ratio Lower Upper
43 100
61 29.0 27.9 41.9
87 13.5 13.1 19.7



#44
Trichloroethene
Concen: 53.011 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Tgt Ion:130 Resp: 321102
Ion Ratio Lower Upper
130 100
95 98.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 52.129 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

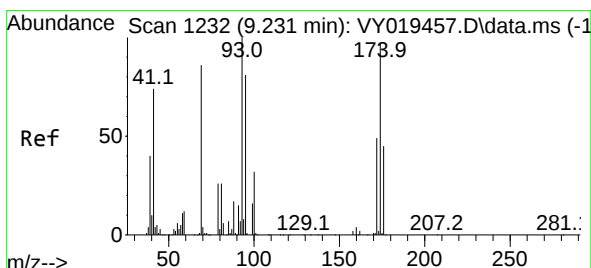
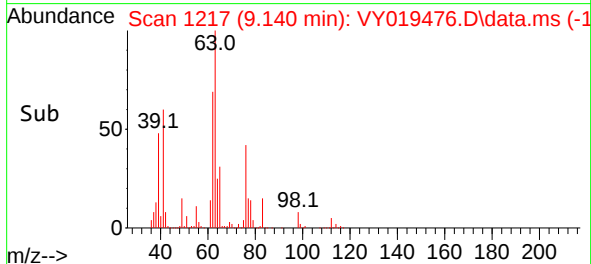
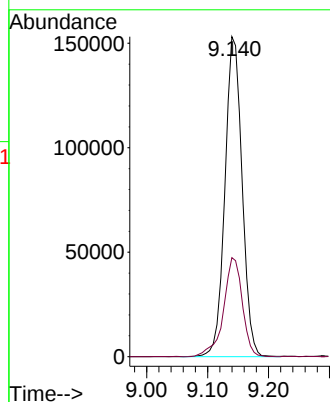
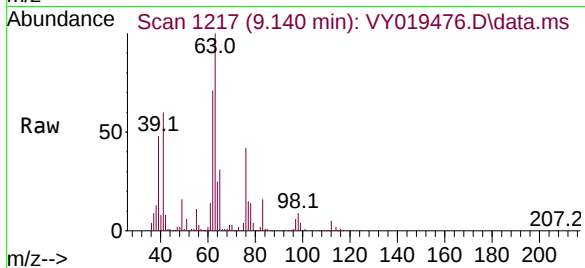
ClientSampleId :

Tgt Ion: 63 Resp: 300157

Ion Ratio Lower Upper

63 100

65 31.0 25.4 38.2



#46

Dibromomethane

Concen: 52.177 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

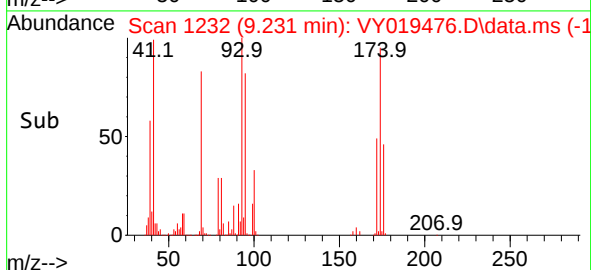
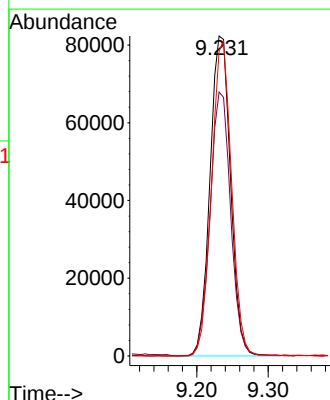
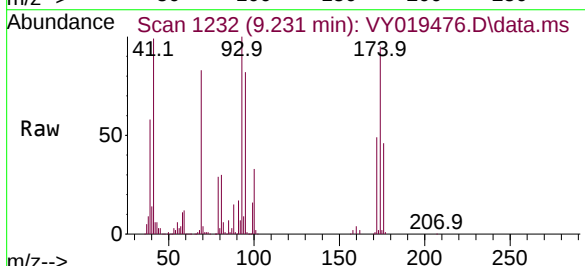
Tgt Ion: 93 Resp: 164292

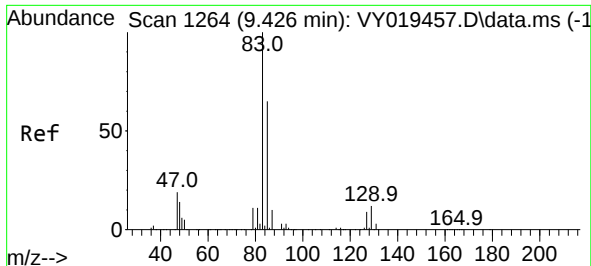
Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.4

174 95.4 80.9 121.3

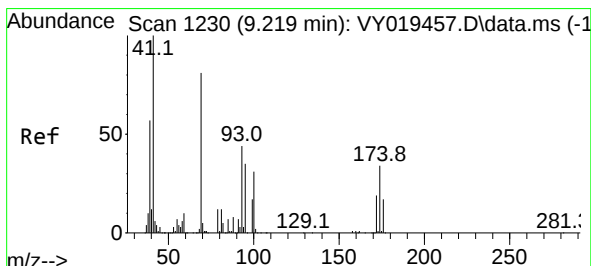
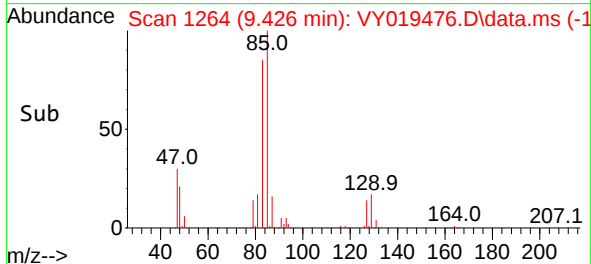
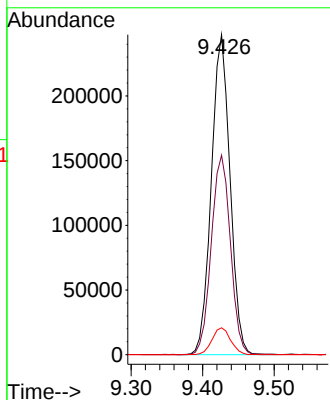
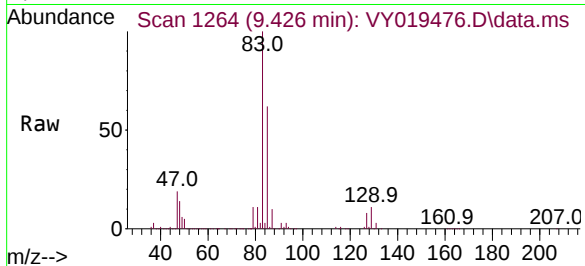




#47
Bromodichloromethane
Concen: 53.007 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

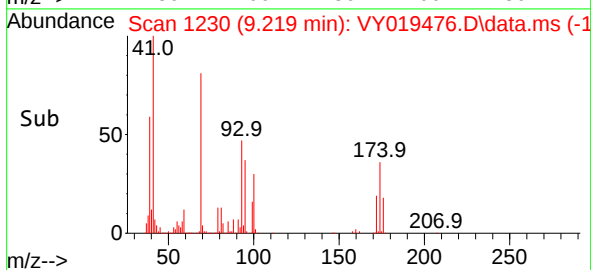
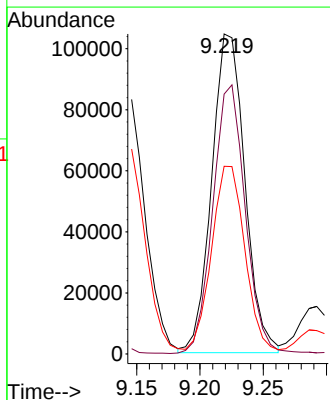
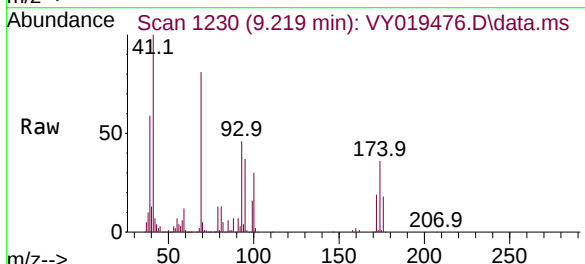
Instrument :
MSVOA_Y
ClientSampleId :

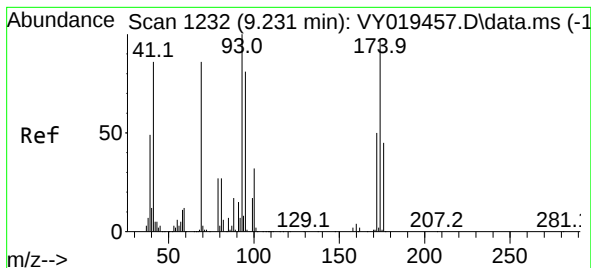
Tgt Ion: 83 Resp: 448658
Ion Ratio Lower Upper
83 100
85 62.3 50.1 75.1
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 48.979 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Tgt Ion: 41 Resp: 190390
Ion Ratio Lower Upper
41 100
69 82.6 84.1 126.1#
39 57.1 43.6 65.4





#49

1,4-Dioxane

Concen: 906.605 ug/l

RT: 9.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

ClientSampleId :

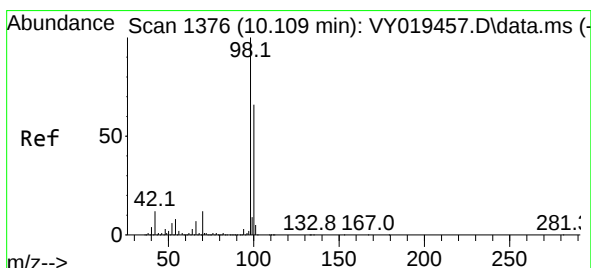
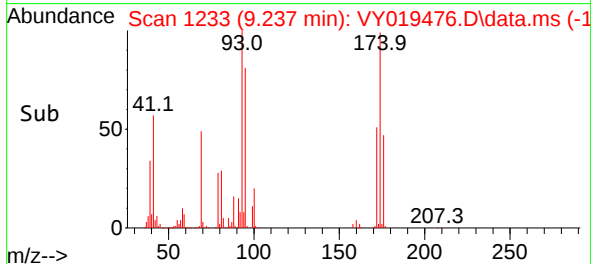
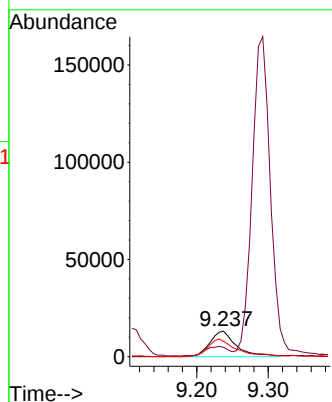
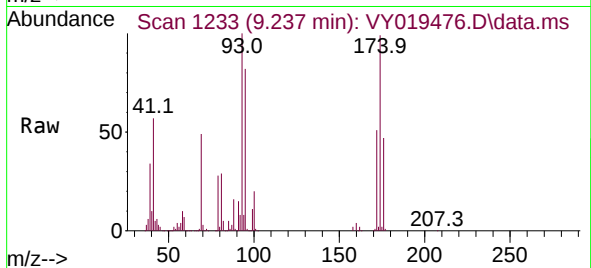
Tgt Ion: 88 Resp: 33606

Ion Ratio Lower Upper

88 100

43 33.2 0.0 0.0#

58 76.0 49.3 73.9#



#50

Toluene-d8

Concen: 54.042 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019476.D

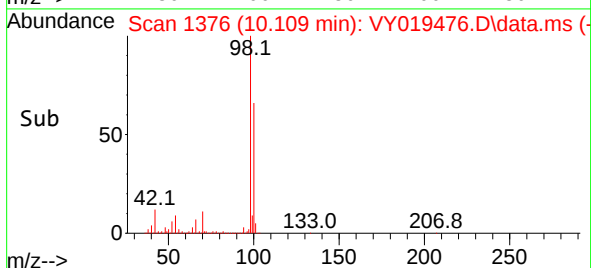
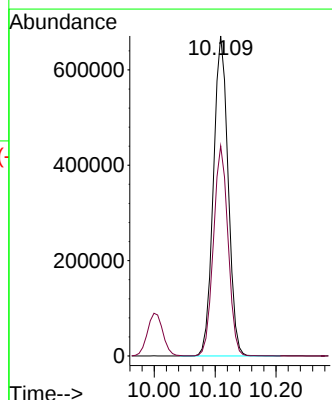
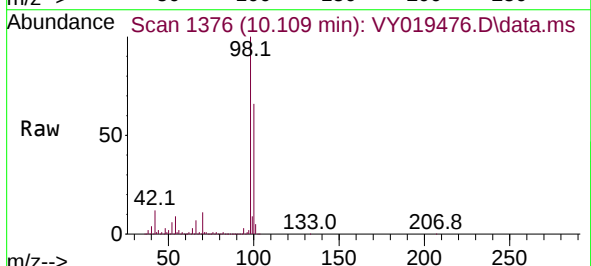
Acq: 10 Sep 2024 09:13

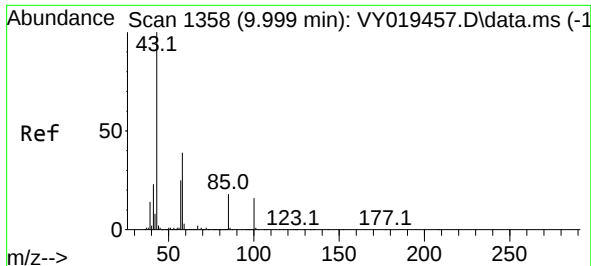
Tgt Ion: 98 Resp: 1123319

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

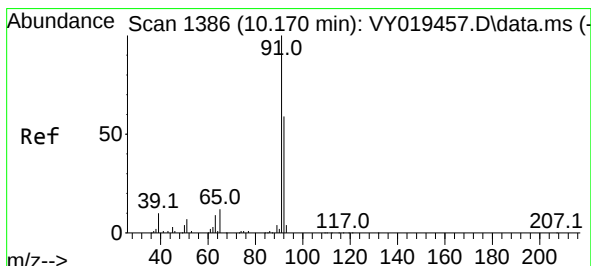
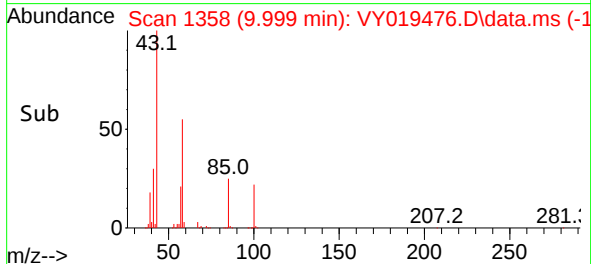
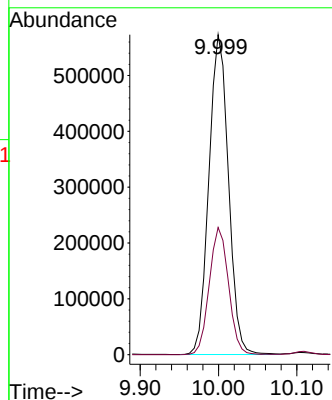
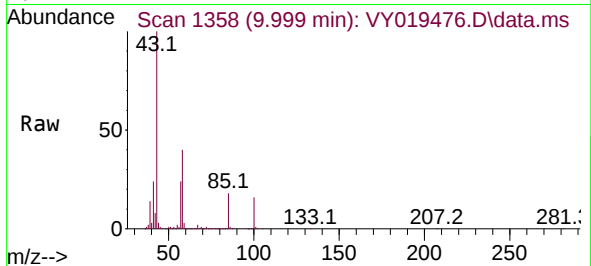




#51
4-Methyl-2-Pentanone
Concen: 239.820 ug/l
RT: 9.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

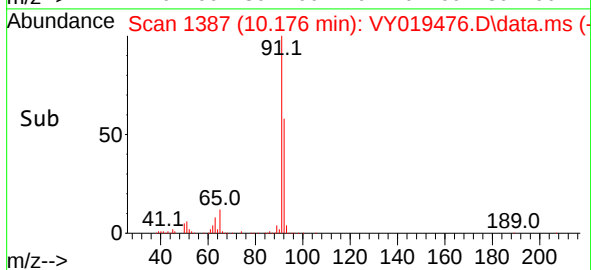
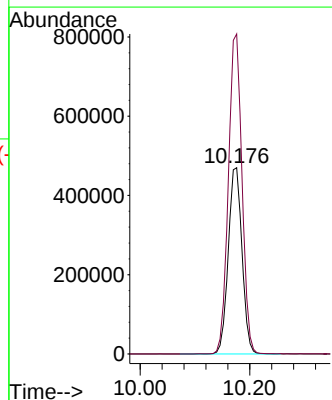
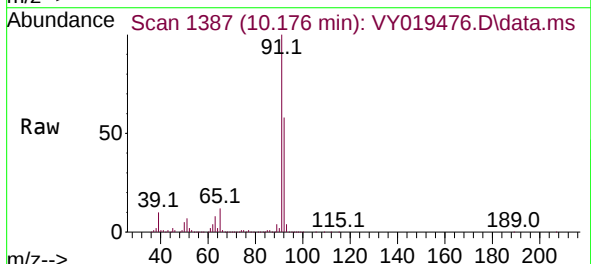
Instrument :
MSVOA_Y
ClientSampleId :

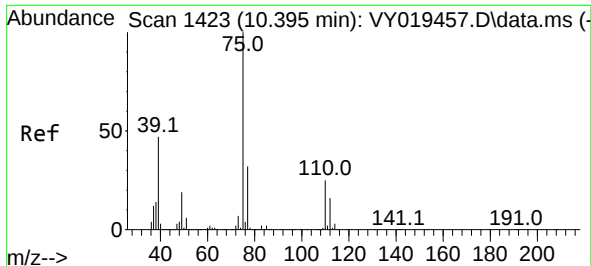
Tgt Ion: 43 Resp: 993138
Ion Ratio Lower Upper
43 100
58 39.3 35.7 53.5



#52
Toluene
Concen: 53.988 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Tgt Ion: 92 Resp: 817796
Ion Ratio Lower Upper
92 100
91 170.5 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 52.305 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

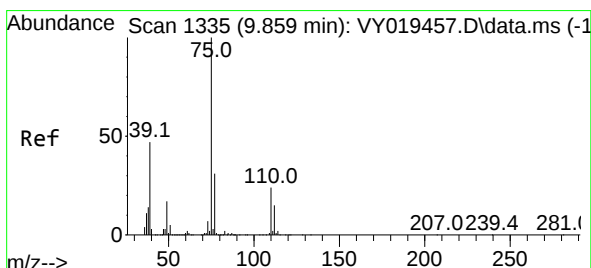
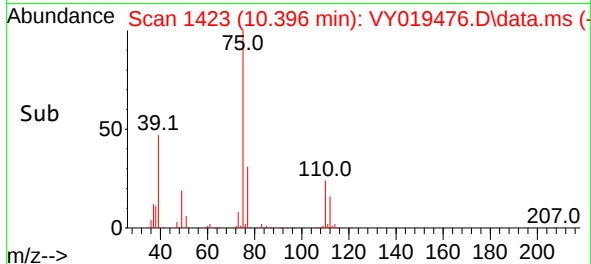
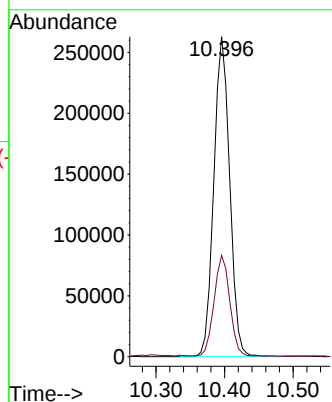
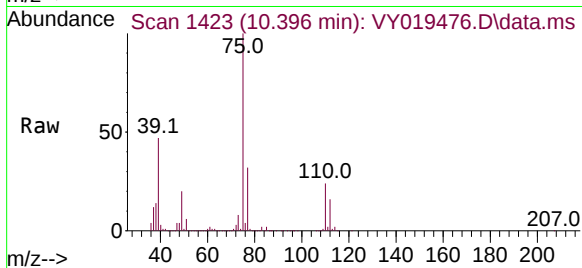
ClientSampleId :

Tgt Ion: 75 Resp: 422030

Ion Ratio Lower Upper

75 100

77 31.5 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 52.260 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

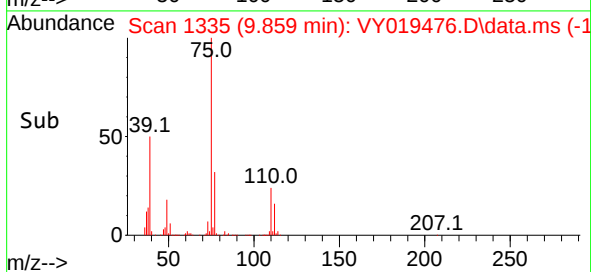
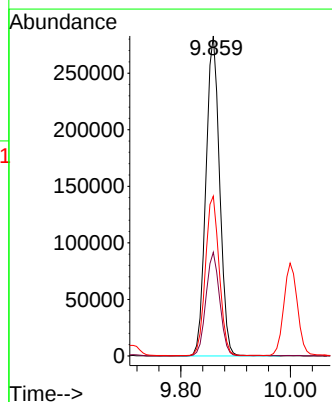
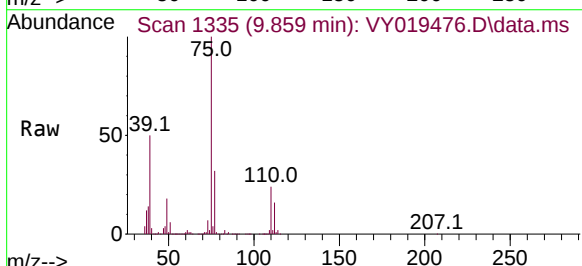
Tgt Ion: 75 Resp: 490991

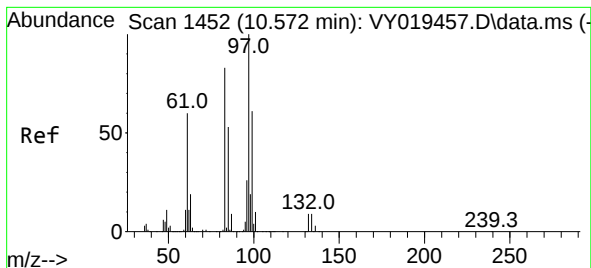
Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0

39 49.8 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 50.517 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 219666

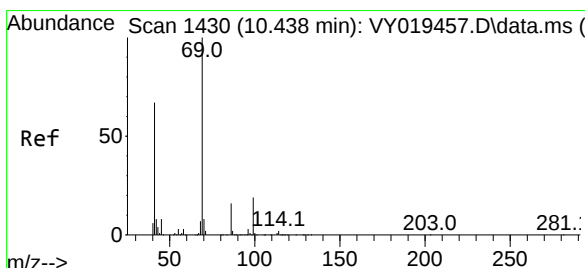
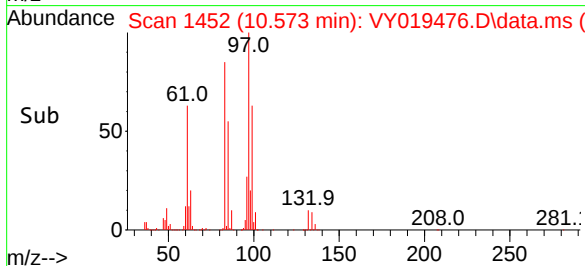
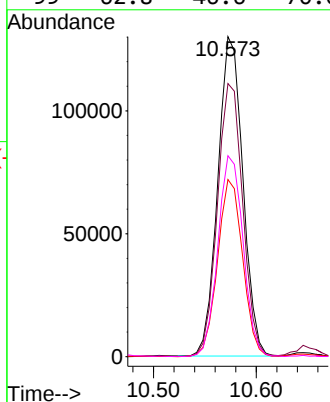
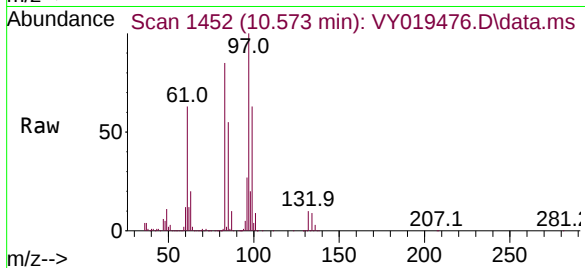
Ion Ratio Lower Upper

97 100

83 85.5 67.5 101.3

85 55.5 42.9 64.3

99 62.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 50.223 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

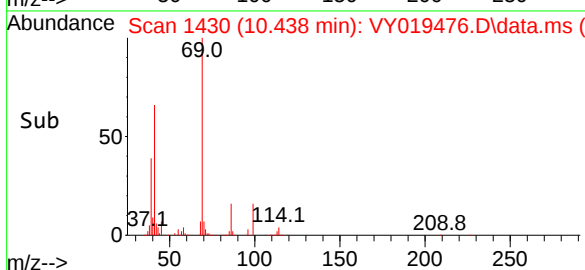
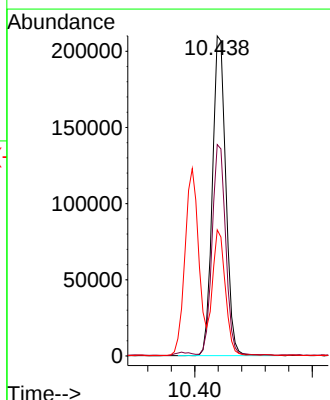
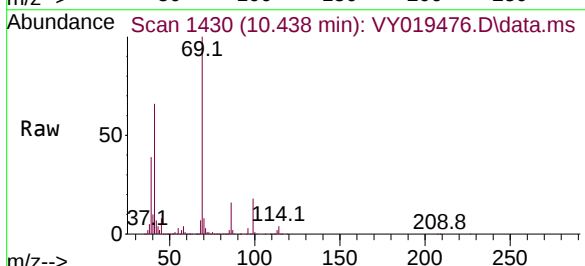
Tgt Ion: 69 Resp: 331741

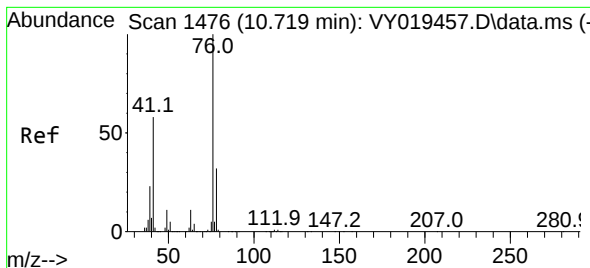
Ion Ratio Lower Upper

69 100

41 66.8 42.3 63.5#

39 37.2 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 50.842 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

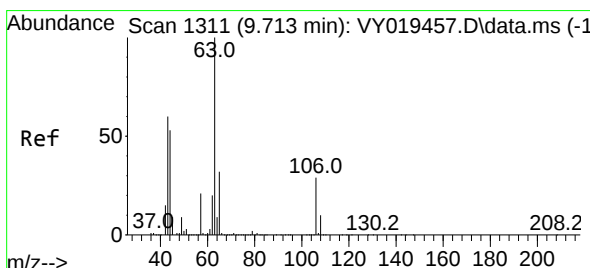
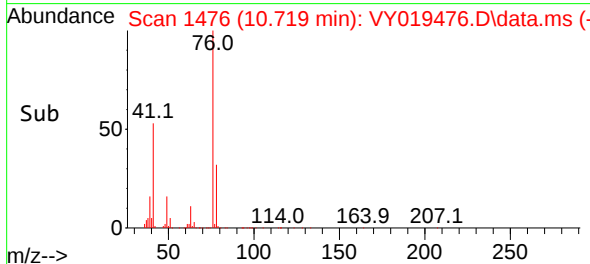
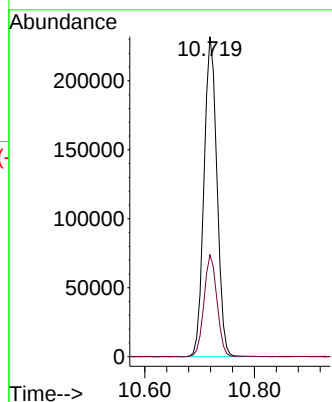
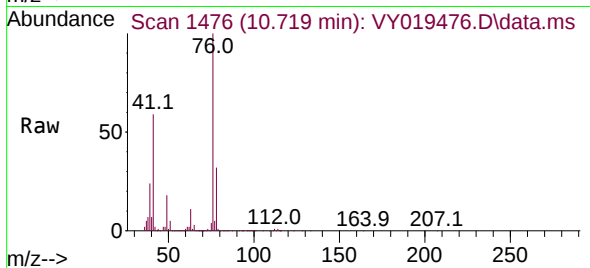
ClientSampleId :

Tgt Ion: 76 Resp: 380020

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 241.324 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019476.D

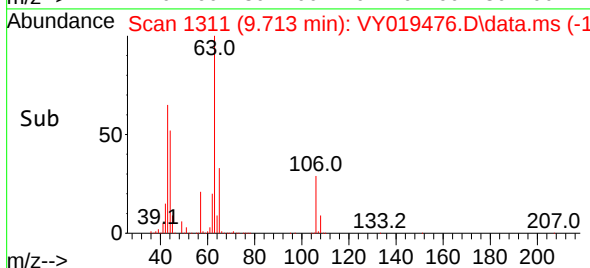
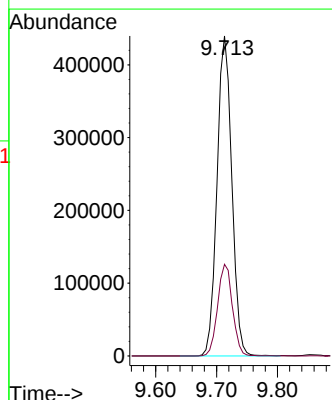
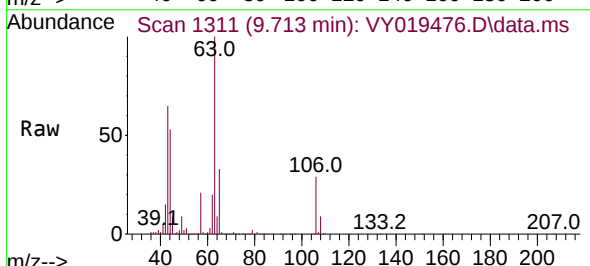
Acq: 10 Sep 2024 09:13

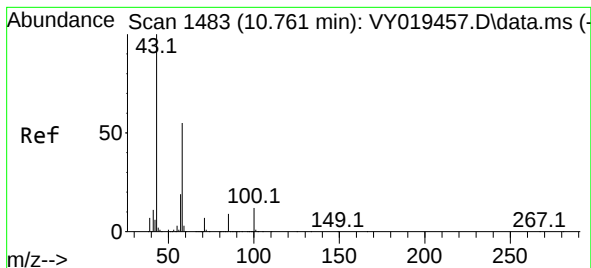
Tgt Ion: 63 Resp: 739842

Ion Ratio Lower Upper

63 100

106 28.7 23.7 35.5

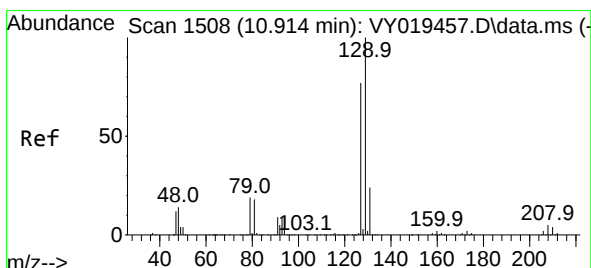
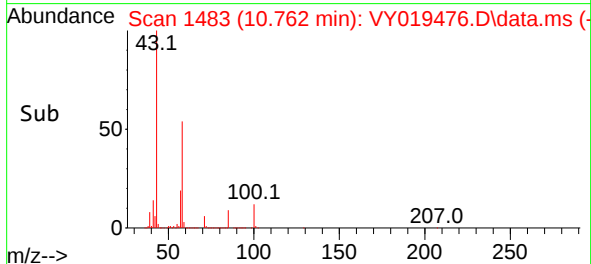
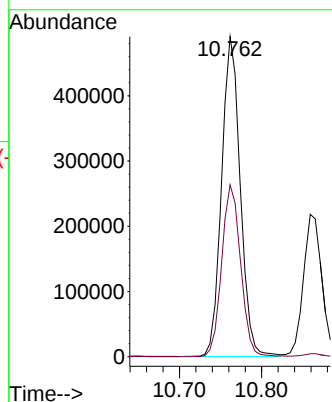
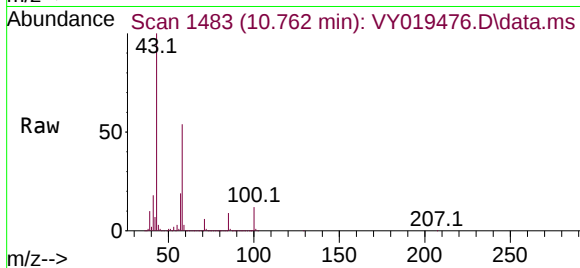




#59
2-Hexanone
Concen: 254.766 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

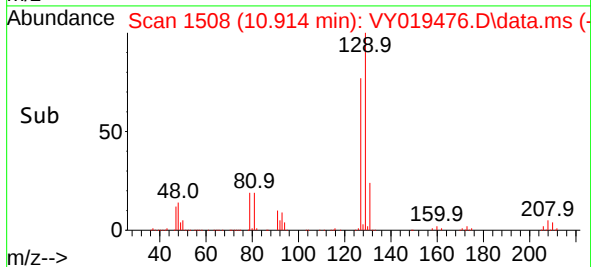
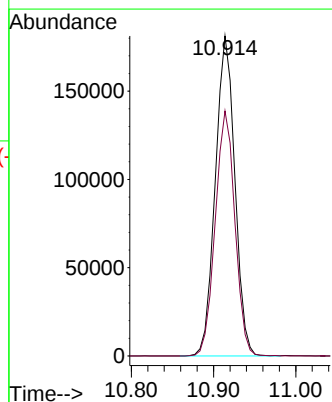
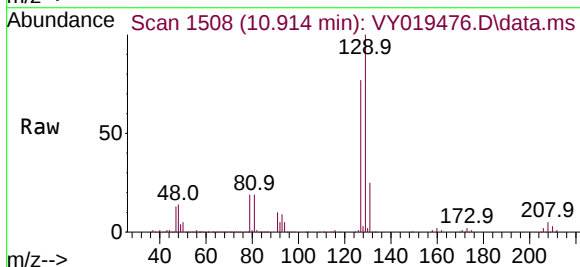
Instrument :
MSVOA_Y
ClientSampleId :

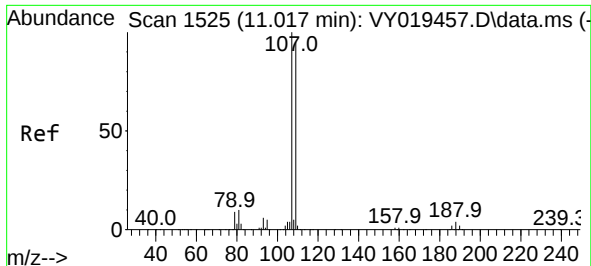
Tgt Ion: 43 Resp: 773480
Ion Ratio Lower Upper
43 100
58 54.5 31.4 94.0



#60
Dibromochloromethane
Concen: 52.022 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Tgt Ion: 129 Resp: 299238
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

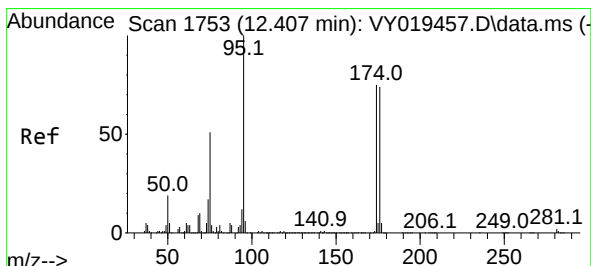
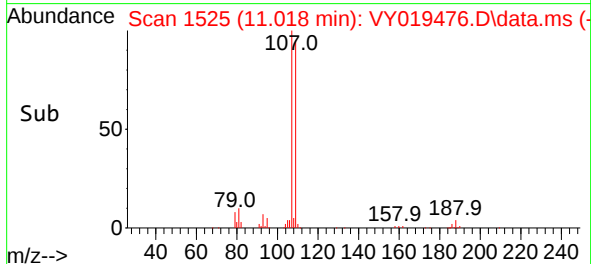
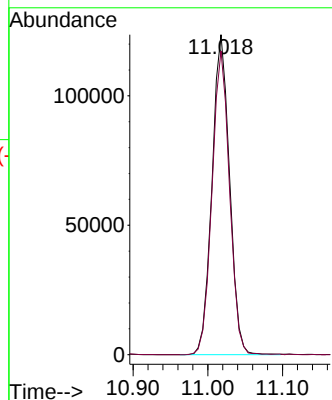
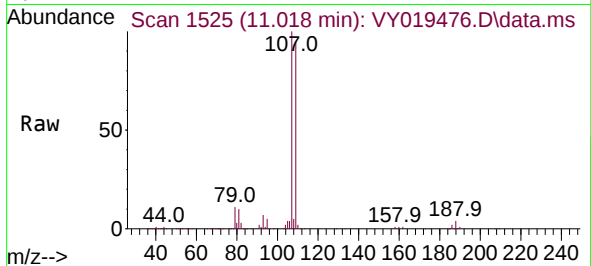




#61
1,2-Dibromoethane
Concen: 49.868 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

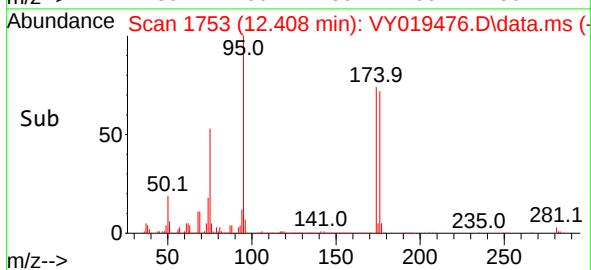
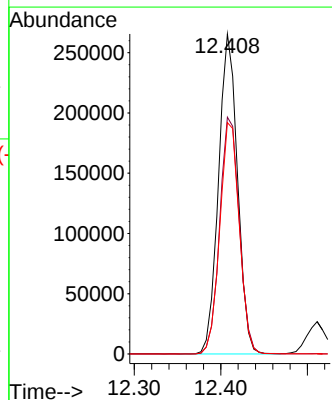
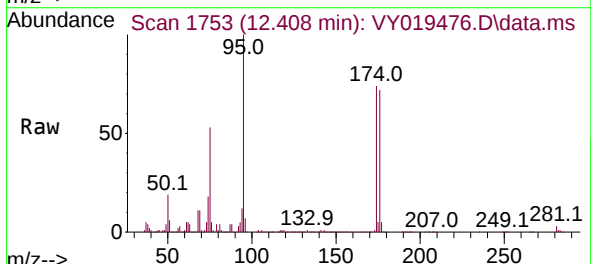
Instrument :
MSVOA_Y
ClientSampleId :

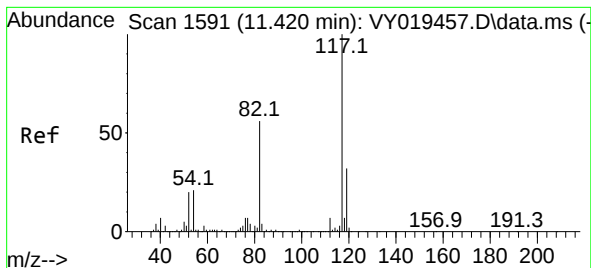
Tgt Ion:107 Resp: 202041
Ion Ratio Lower Upper
107 100
109 94.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.640 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Tgt Ion: 95 Resp: 404737
Ion Ratio Lower Upper
95 100
174 76.1 0.0 175.6
176 74.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

ClientSampleId :

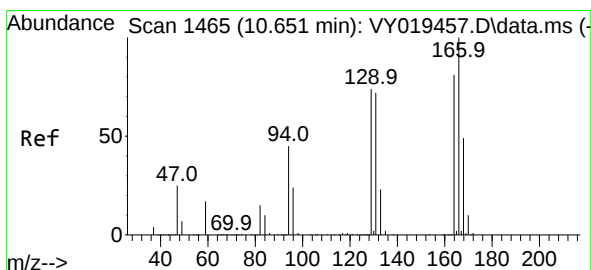
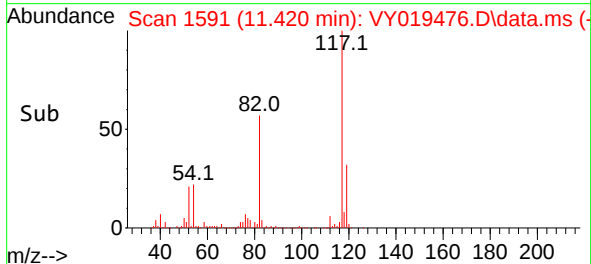
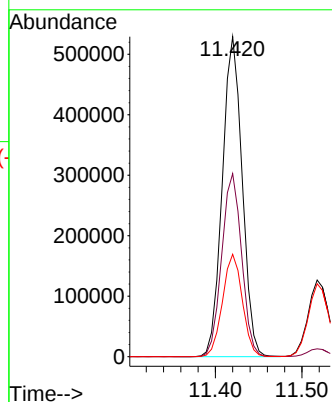
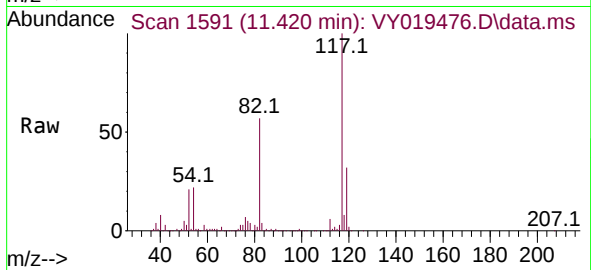
Tgt Ion:117 Resp: 843312

Ion Ratio Lower Upper

117 100

82 57.2 42.4 63.6

119 32.0 25.9 38.9



#64

Tetrachloroethene

Concen: 51.868 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Tgt Ion:164 Resp: 270865

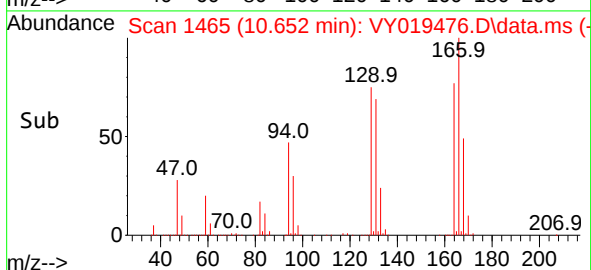
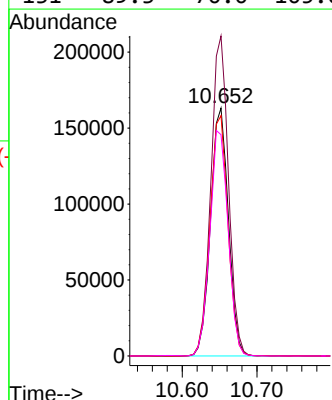
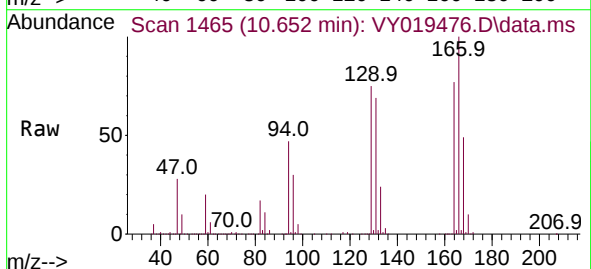
Ion Ratio Lower Upper

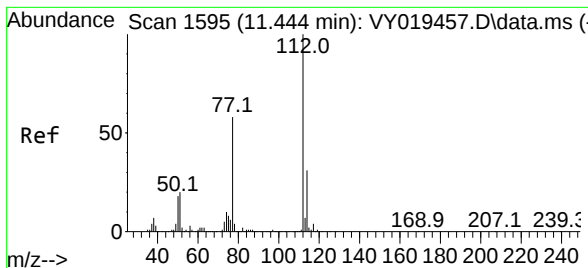
164 100

166 129.1 102.6 154.0

129 96.9 72.0 108.0

131 89.3 70.0 105.0

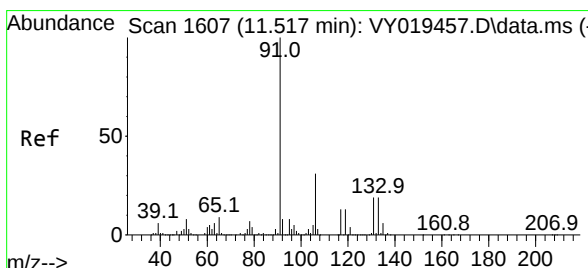
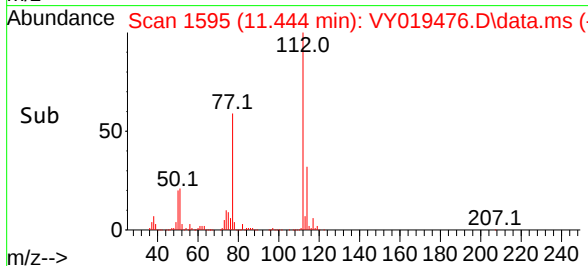
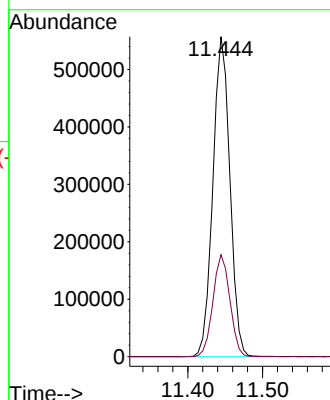
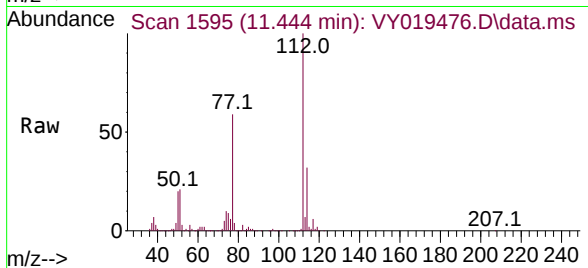




#65
Chlorobenzene
Concen: 53.097 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

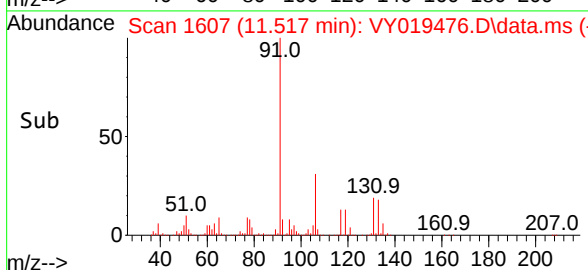
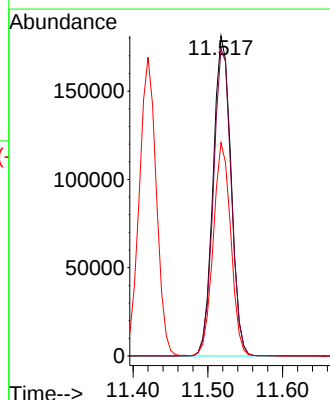
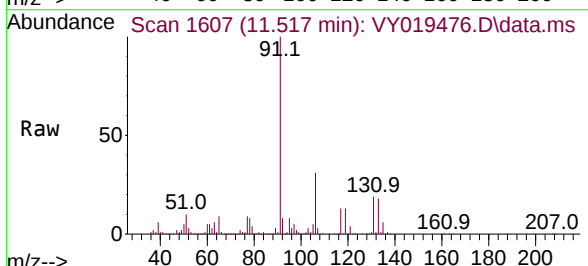
Instrument :
MSVOA_Y
ClientSampleId :

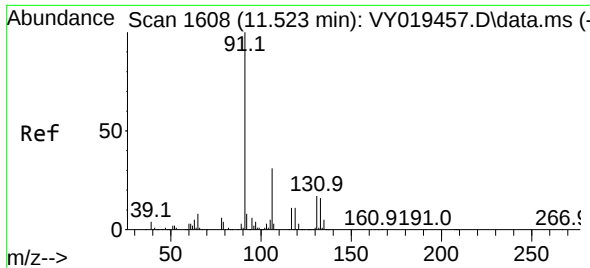
Tgt Ion:112 Resp: 880805
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.323 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Tgt Ion:131 Resp: 300517
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.3
119 65.4 34.1 102.2

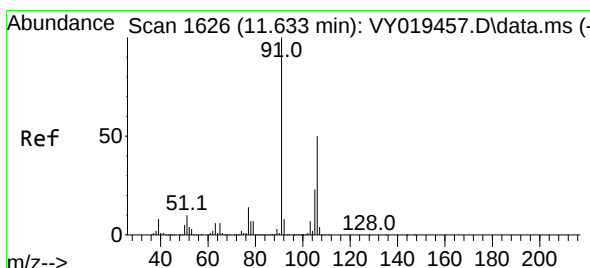
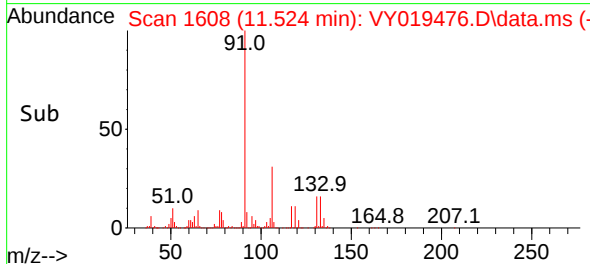
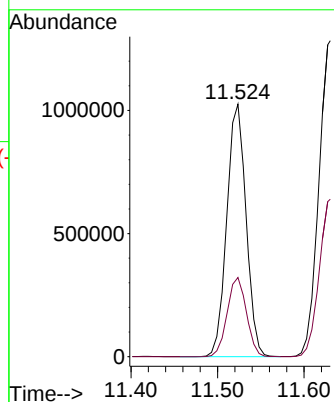
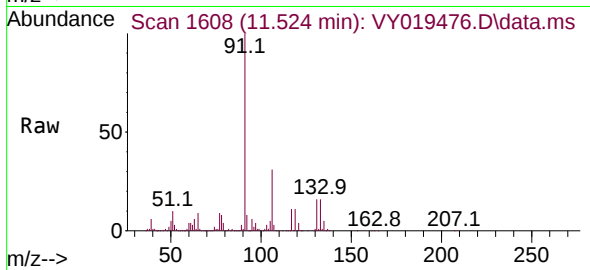




#67
Ethyl Benzene
Concen: 53.723 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

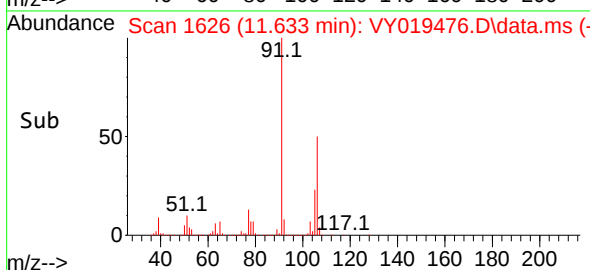
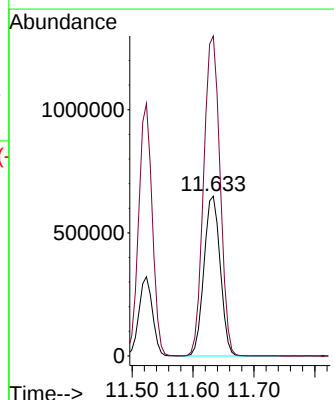
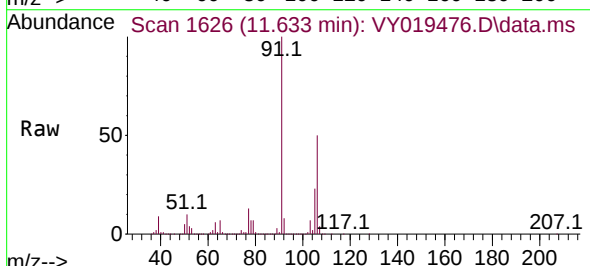
Instrument :
MSVOA_Y
ClientSampleId :

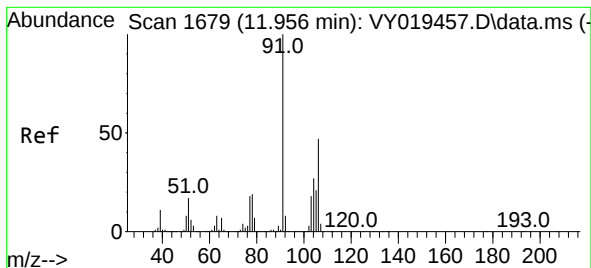
Tgt Ion: 91 Resp: 1583483
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7



#68
m/p-Xylenes
Concen: 108.058 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Tgt Ion:106 Resp: 1204317
Ion Ratio Lower Upper
106 100
91 201.5 156.0 234.0





#69

o-Xylene

Concen: 52.900 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

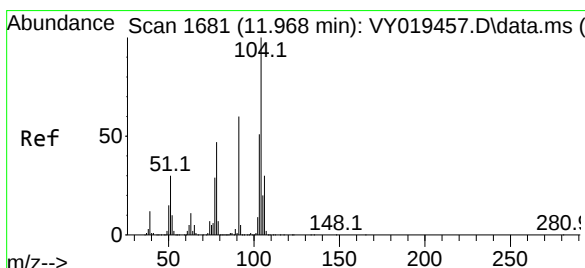
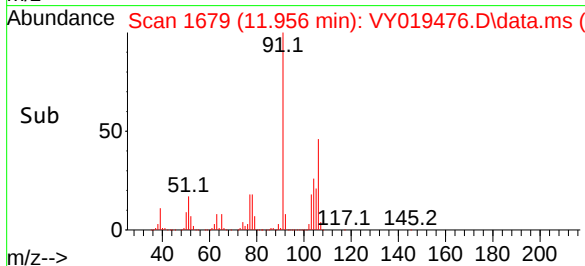
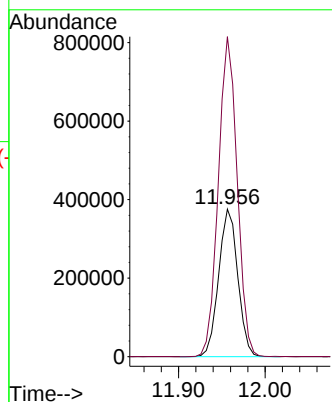
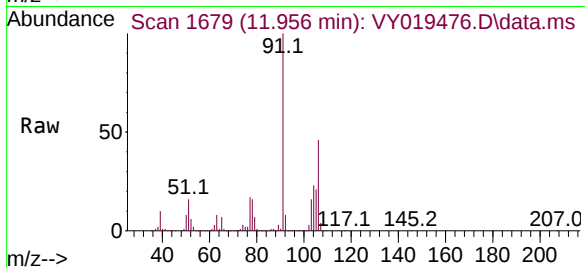
ClientSampleId :

Tgt Ion:106 Resp: 576594

Ion Ratio Lower Upper

106 100

91 213.7 103.6 310.8



#70

Styrene

Concen: 53.353 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

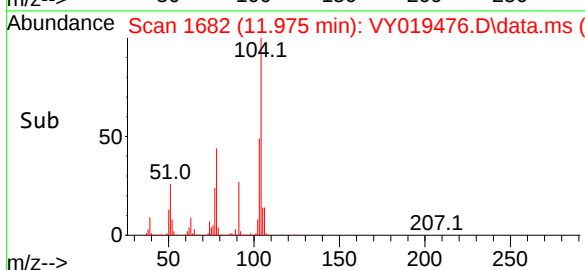
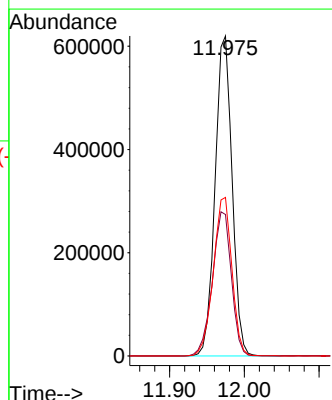
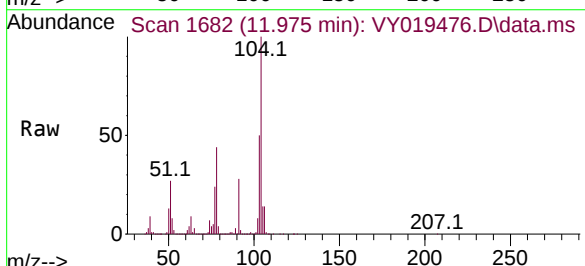
Tgt Ion:104 Resp: 981833

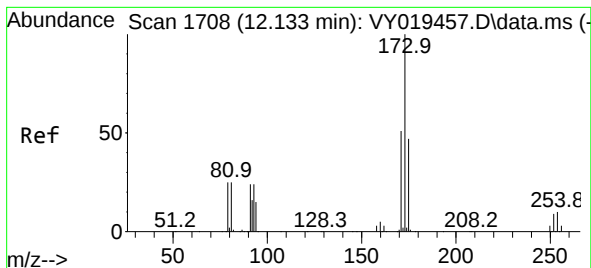
Ion Ratio Lower Upper

104 100

78 50.3 37.0 55.4

103 54.2 44.2 66.2





#71

Bromoform

Concen: 50.728 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

ClientSampleId :

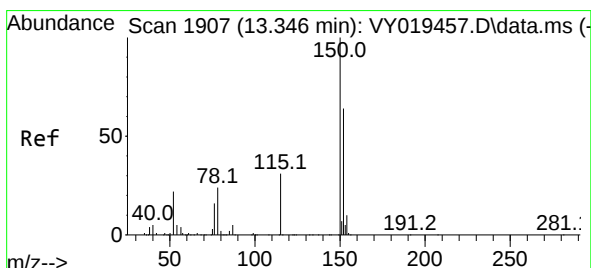
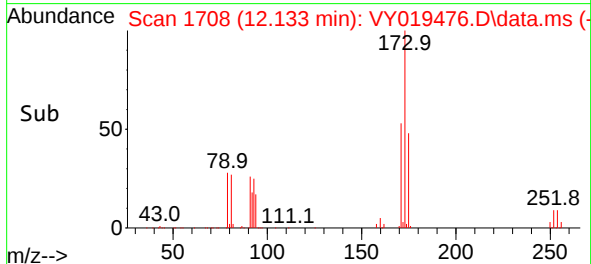
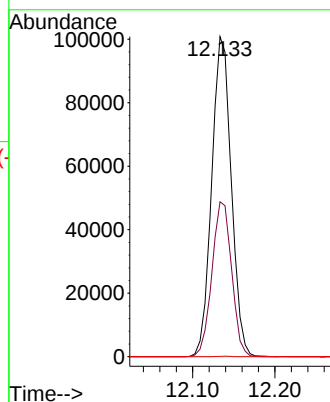
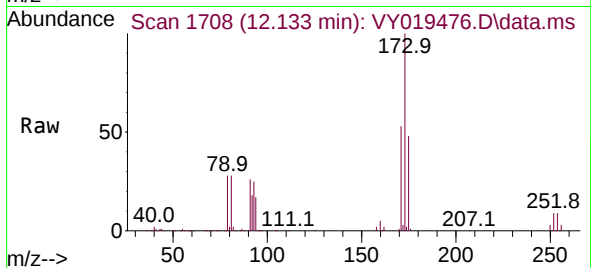
Tgt Ion:173 Resp: 166412

Ion Ratio Lower Upper

173 100

175 48.7 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

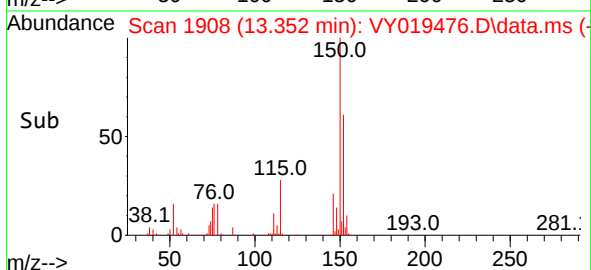
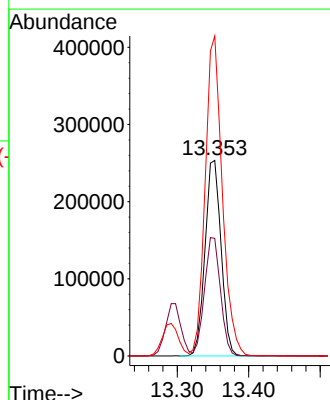
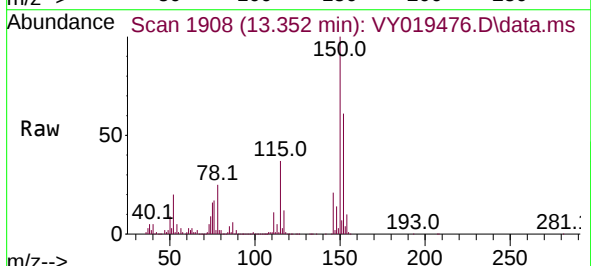
Tgt Ion:152 Resp: 395676

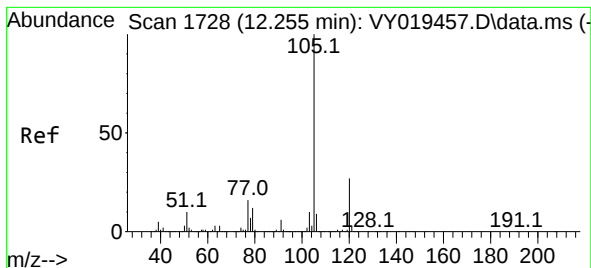
Ion Ratio Lower Upper

152 100

115 60.2 28.2 84.7

150 174.2 0.0 345.6





#73

Isopropylbenzene

Concen: 53.607 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

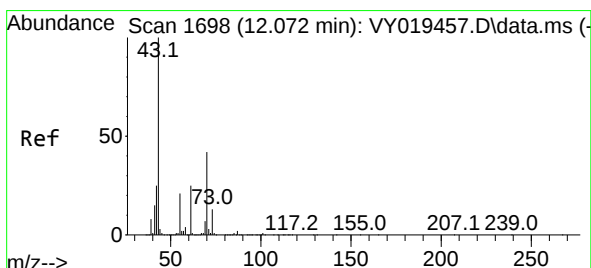
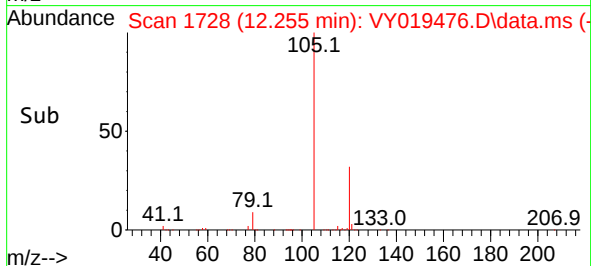
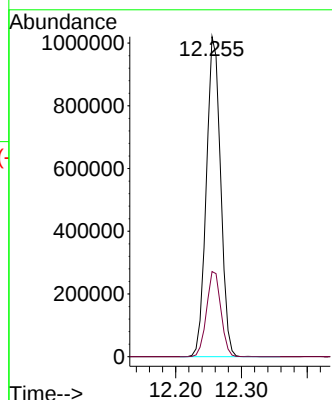
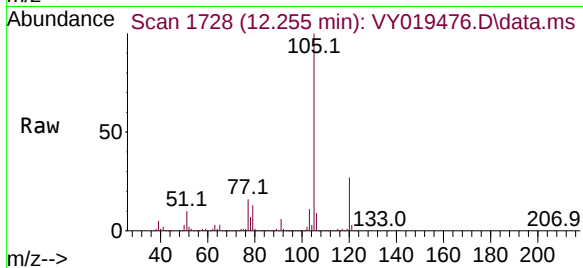
ClientSampleId :

Tgt Ion:105 Resp: 1538800

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 49.833 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Tgt Ion: 43 Resp: 389038

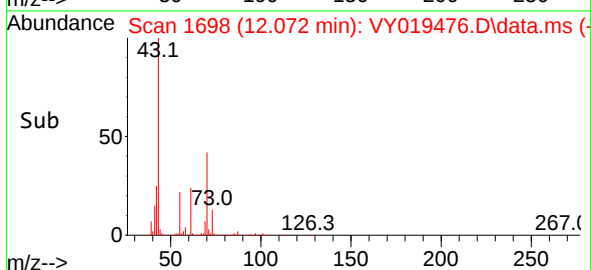
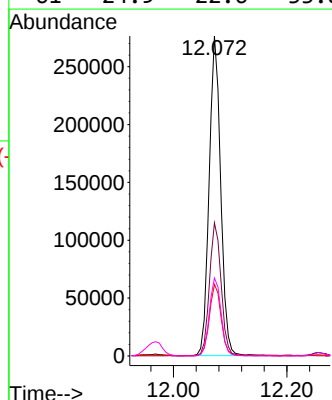
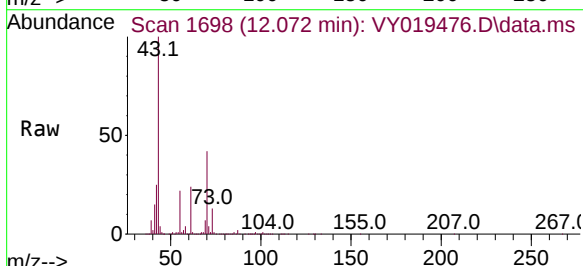
Ion Ratio Lower Upper

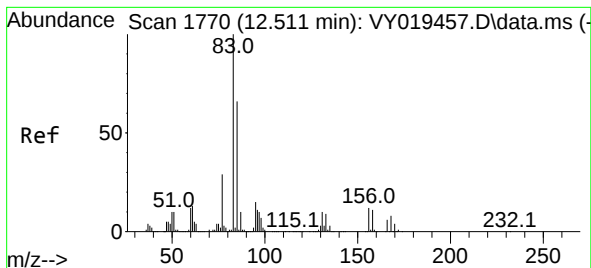
43 100

70 42.1 41.4 62.2

55 22.8 23.3 34.9#

61 24.9 22.6 33.8

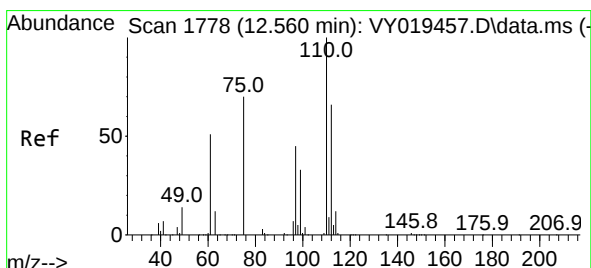
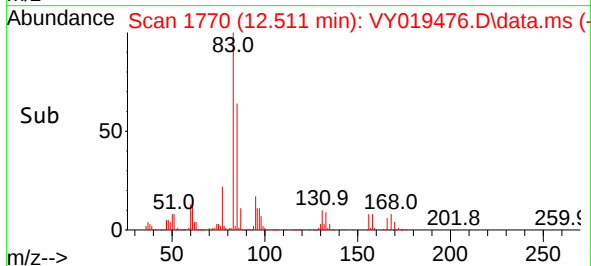
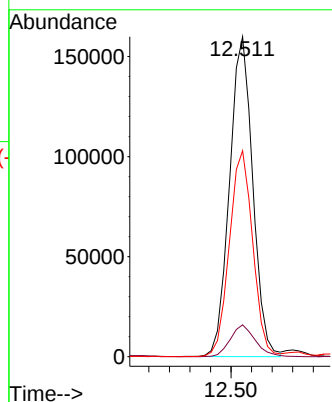
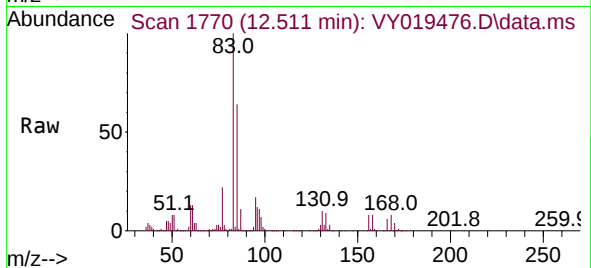




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.199 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY019476.D
 Acq: 10 Sep 2024 09:13

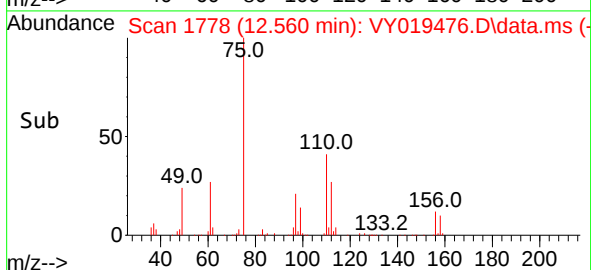
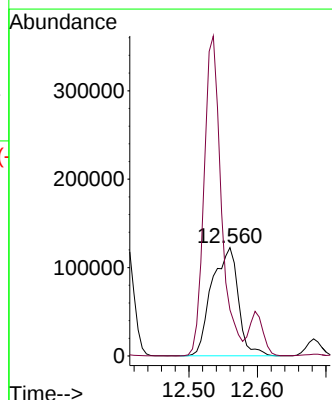
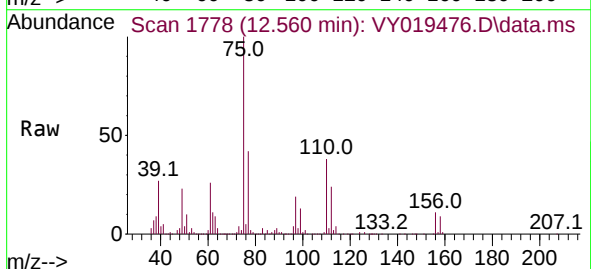
Instrument :
 MSVOA_Y
 ClientSampleId :

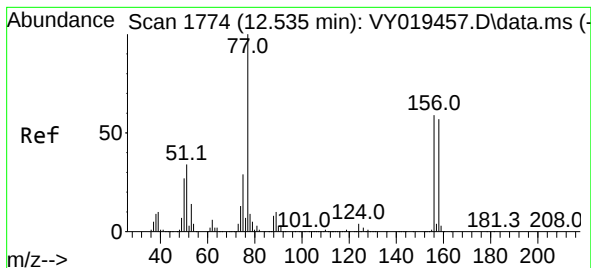
Tgt Ion: 83 Resp: 250670
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.0 14.9
 85 64.8 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 88.706 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY019476.D
 Acq: 10 Sep 2024 09:13

Tgt Ion: 75 Resp: 328980
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.219 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

ClientSampleId :

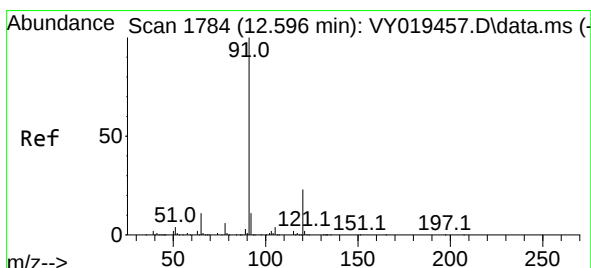
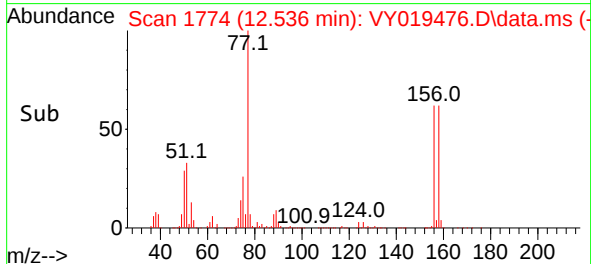
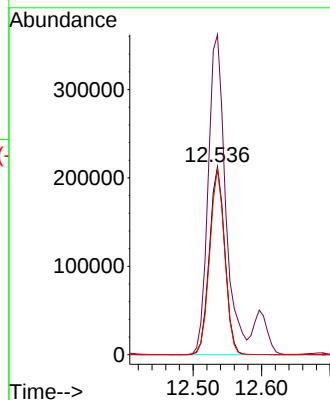
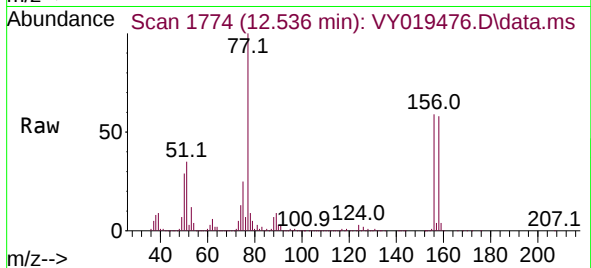
Tgt Ion:156 Resp: 332446

Ion Ratio Lower Upper

156 100

77 191.4 87.1 261.3

158 96.2 48.6 145.9



#78

n-propylbenzene

Concen: 53.784 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019476.D

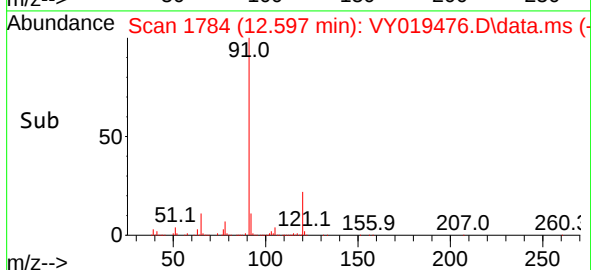
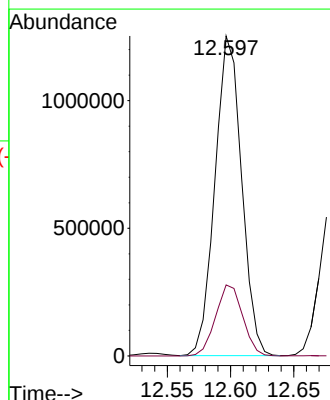
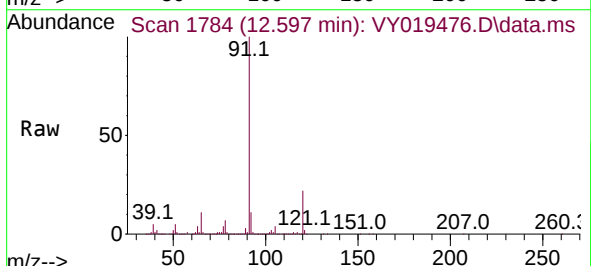
Acq: 10 Sep 2024 09:13

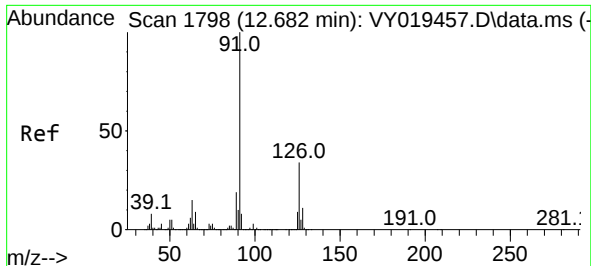
Tgt Ion: 91 Resp: 1829897

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

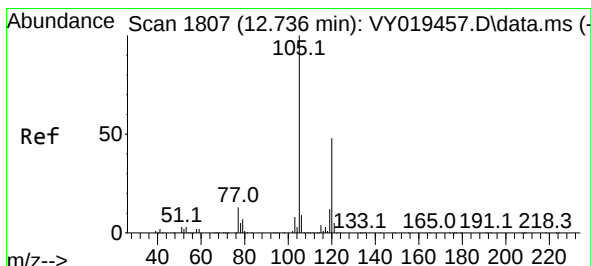
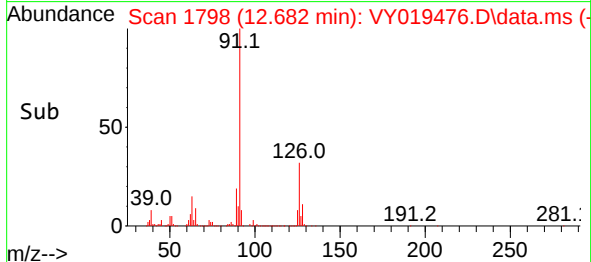
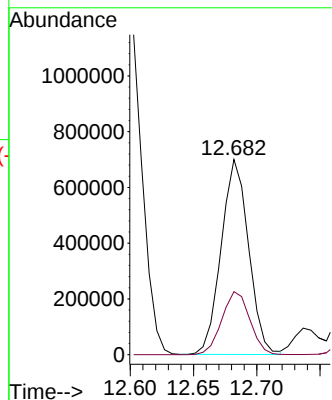
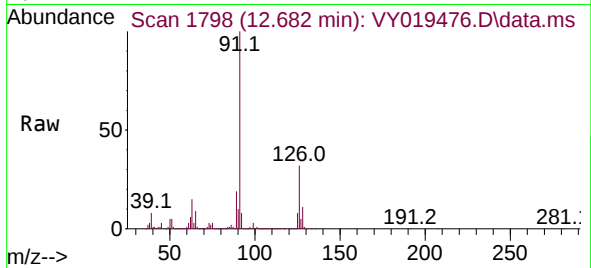




#79
2-Chlorotoluene
Concen: 53.209 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

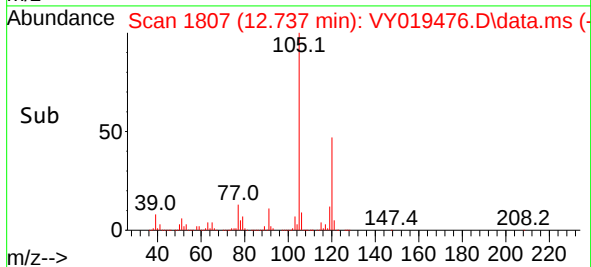
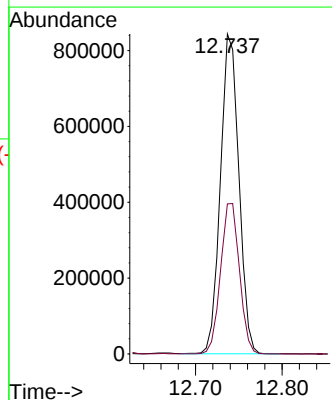
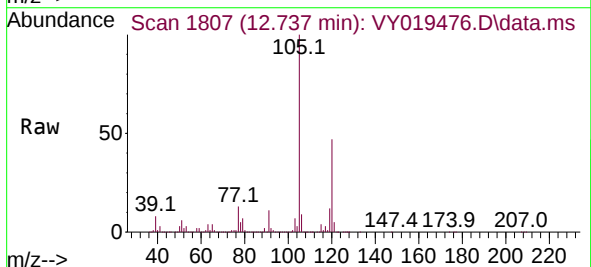
Instrument :
MSVOA_Y
ClientSampleId :

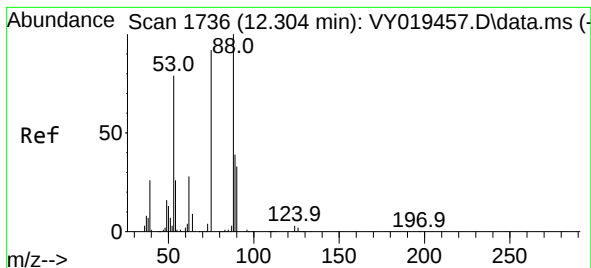
Tgt Ion: 91 Resp: 1055020
Ion Ratio Lower Upper
91 100
126 33.0 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 53.548 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Tgt Ion: 105 Resp: 1249585
Ion Ratio Lower Upper
105 100
120 48.2 25.1 75.2

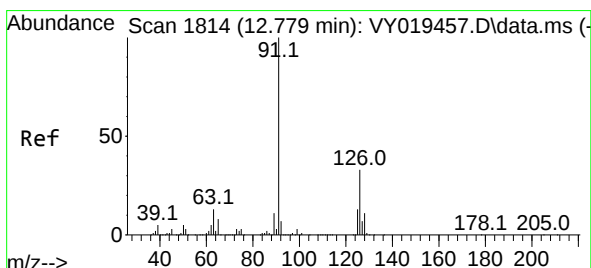
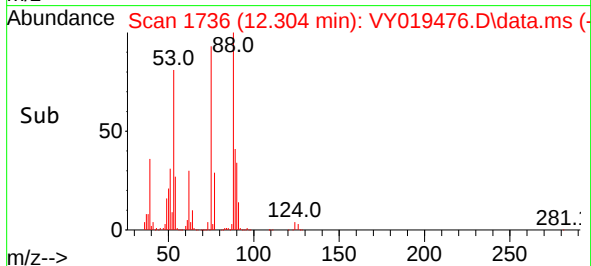
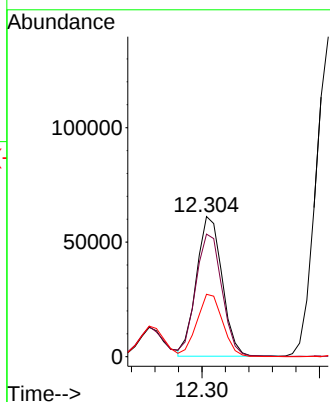
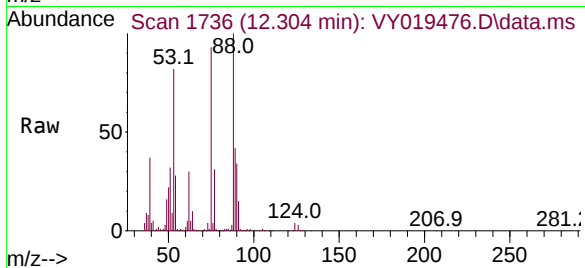




#81
trans-1,4-Dichloro-2-butene
Concen: 47.910 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

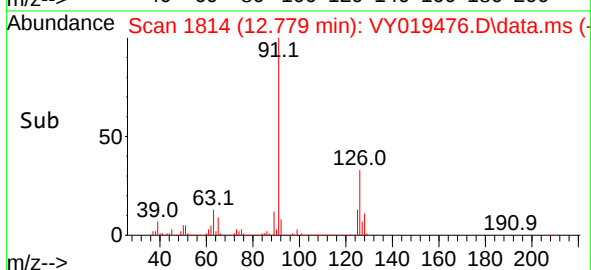
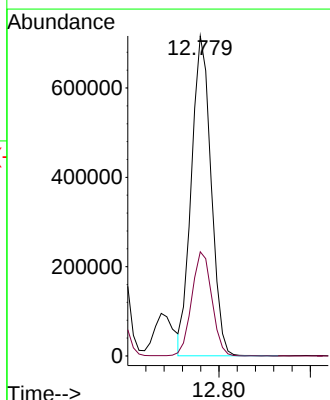
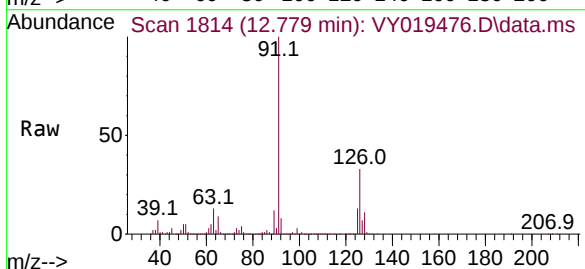
Instrument :
MSVOA_Y
ClientSampleId :

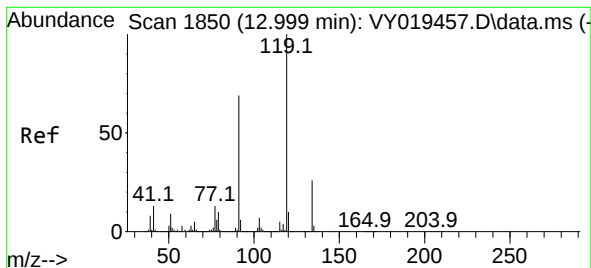
Tgt Ion: 75 Resp: 92556
Ion Ratio Lower Upper
75 100
53 89.9 66.8 100.2
89 45.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 52.491 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019476.D
Acq: 10 Sep 2024 09:13

Tgt Ion: 91 Resp: 1069998
Ion Ratio Lower Upper
91 100
126 33.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 52.648 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

ClientSampleId :

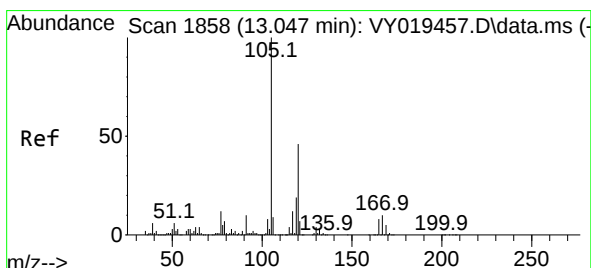
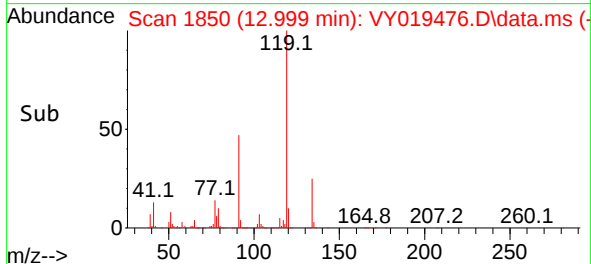
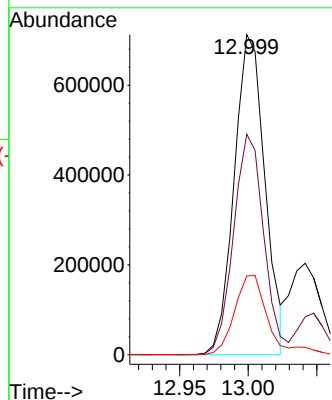
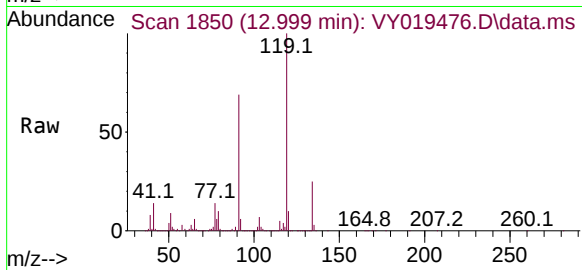
Tgt Ion:119 Resp: 1112235

Ion Ratio Lower Upper

119 100

91 67.9 31.3 93.8

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.105 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY019476.D

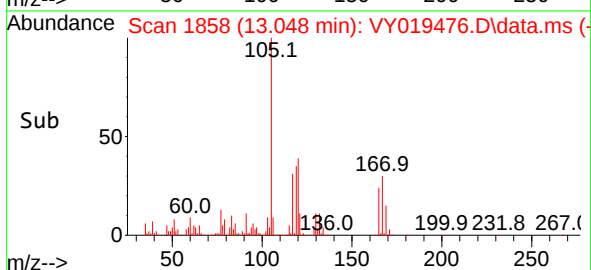
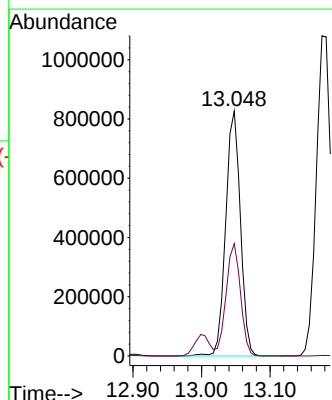
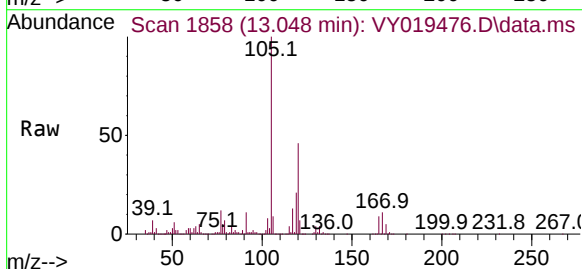
Acq: 10 Sep 2024 09:13

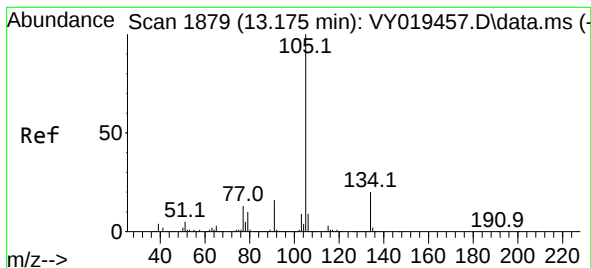
Tgt Ion:105 Resp: 1226706

Ion Ratio Lower Upper

105 100

120 45.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.375 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

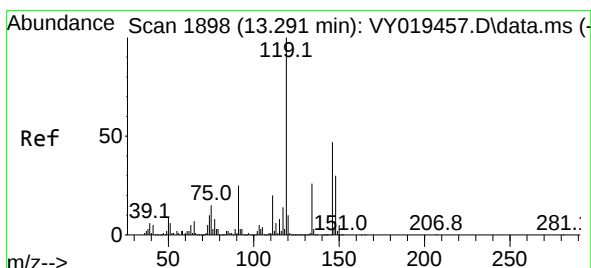
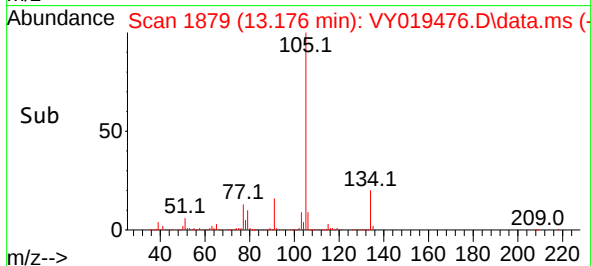
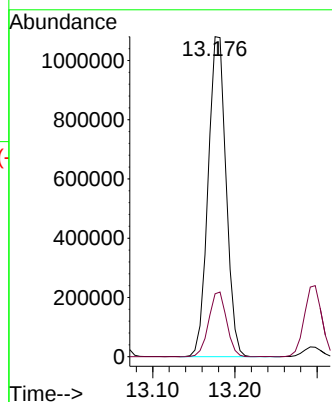
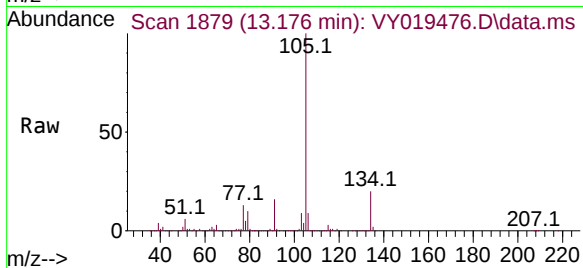
ClientSampleId :

Tgt Ion:105 Resp: 1638080

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.751 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

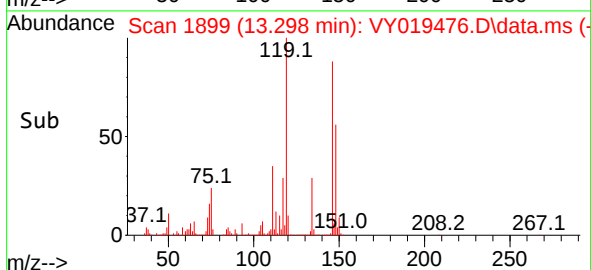
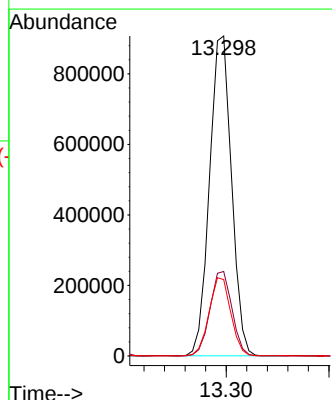
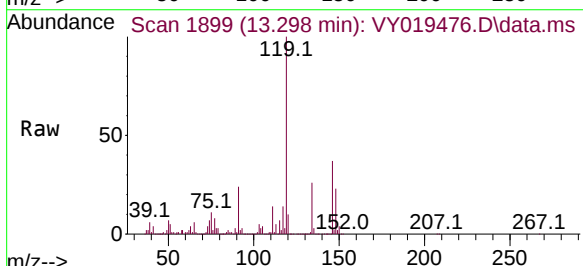
Tgt Ion:119 Resp: 1349676

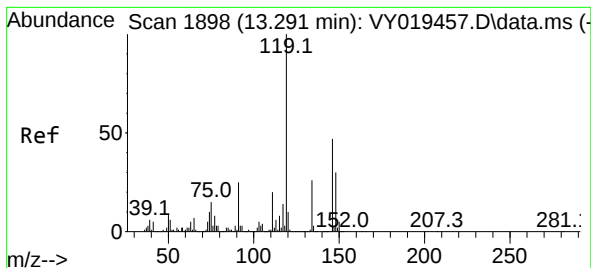
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 24.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.731 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

ClientSampleId :

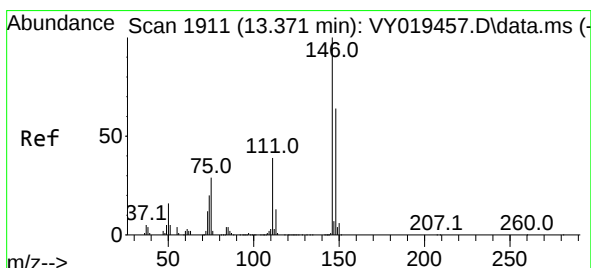
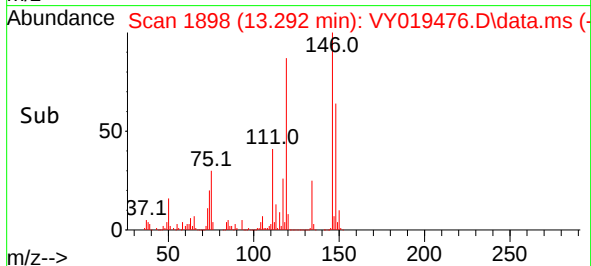
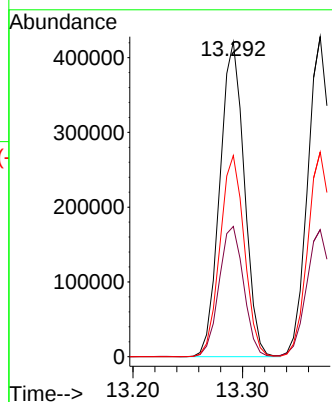
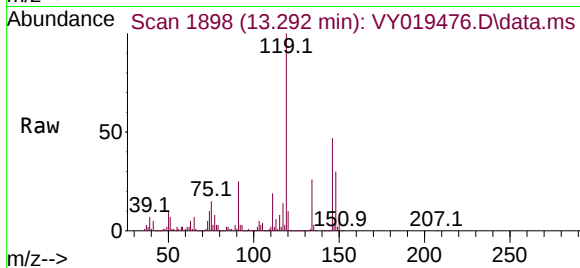
Tgt Ion:146 Resp: 652318

Ion Ratio Lower Upper

146 100

111 41.5 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 52.104 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

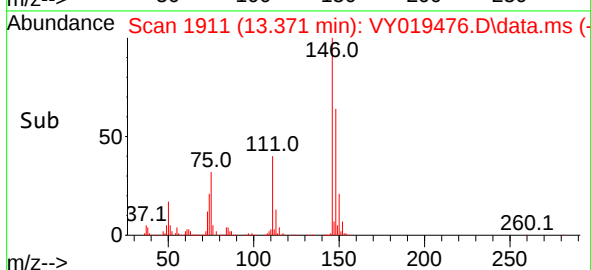
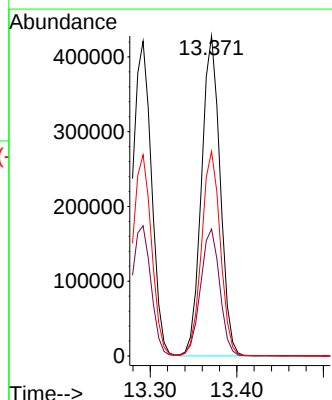
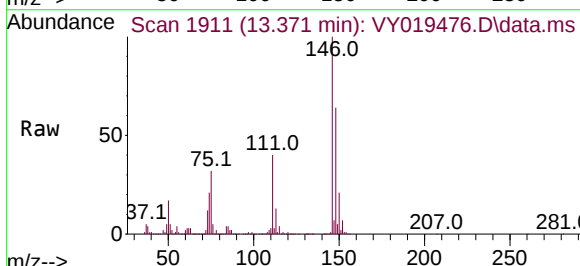
Tgt Ion:146 Resp: 639680

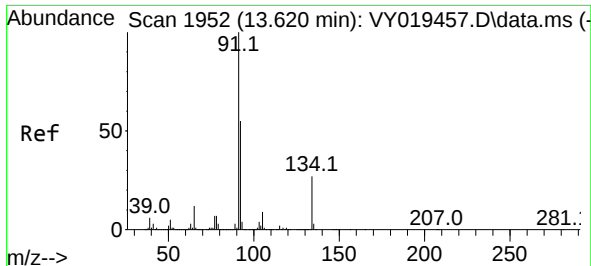
Ion Ratio Lower Upper

146 100

111 40.7 18.4 55.4

148 64.4 32.4 97.2





#89

n-Butylbenzene

Concen: 53.697 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

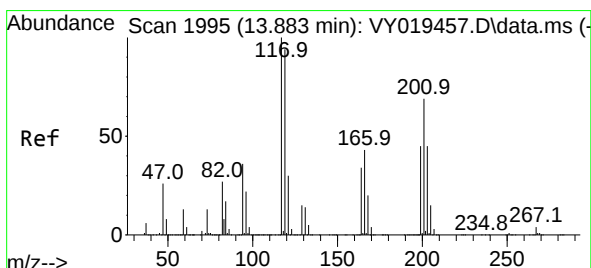
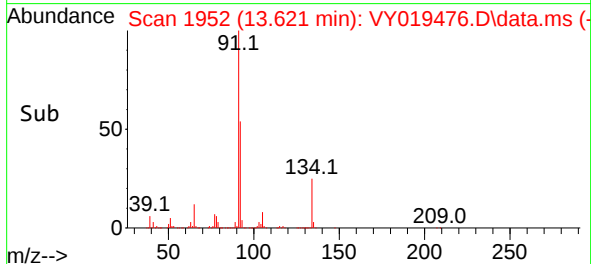
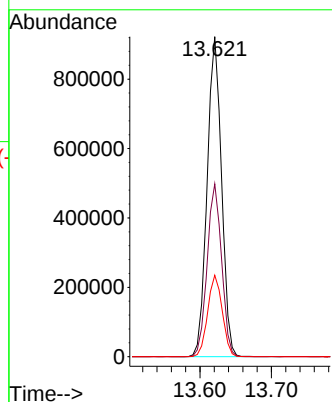
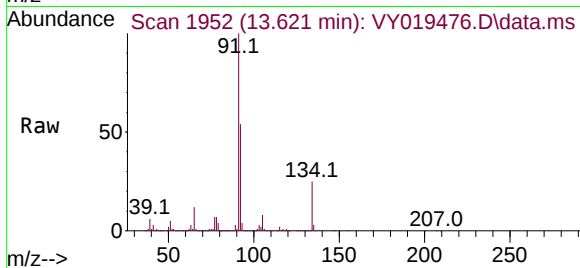
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91 Resp: 1288964

Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.6	79.7
134	25.8	12.9	38.7



#90

Hexachloroethane

Concen: 53.179 ug/l

RT: 13.883 min Scan# 1995

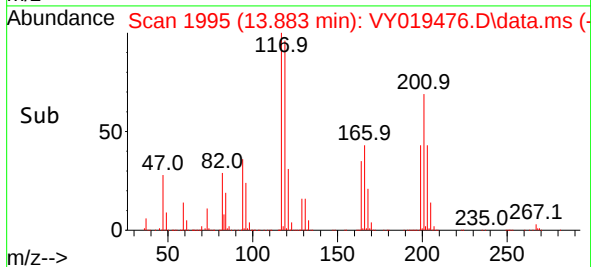
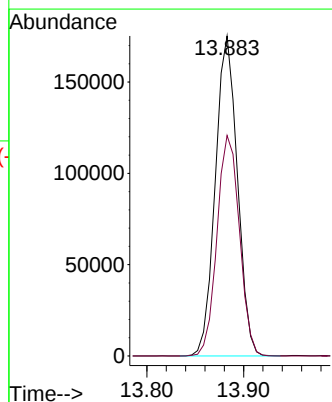
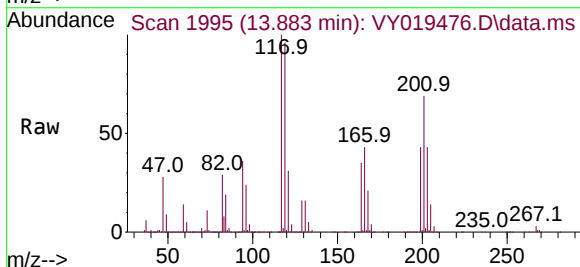
Delta R.T. 0.000 min

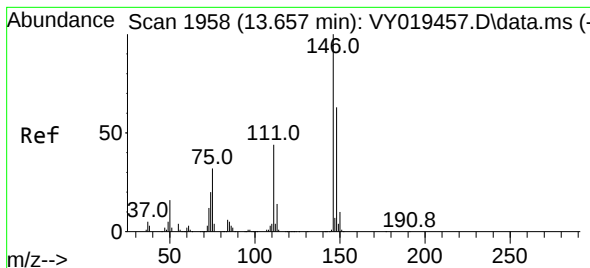
Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Tgt Ion: 117 Resp: 277840

Ion	Ratio	Lower	Upper
117	100		
201	70.0	37.4	112.2





#91

1,2-Dichlorobenzene

Concen: 51.959 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

ClientSampleId :

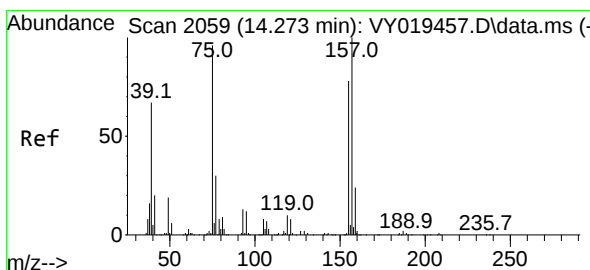
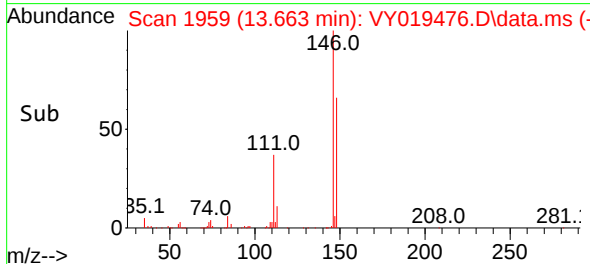
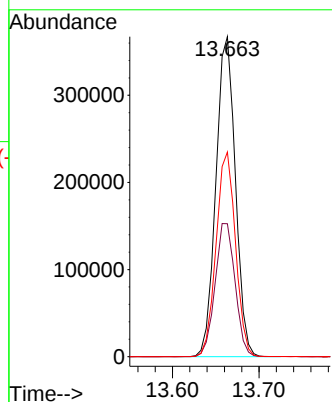
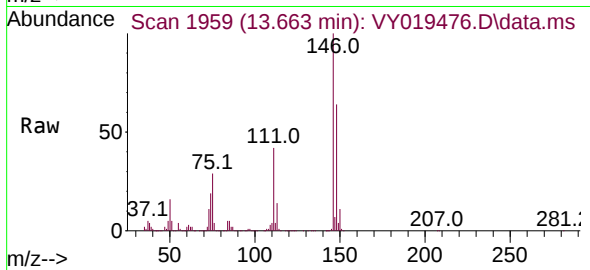
Tgt Ion:146 Resp: 573587

Ion Ratio Lower Upper

146 100

111 42.9 19.9 59.7

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.415 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

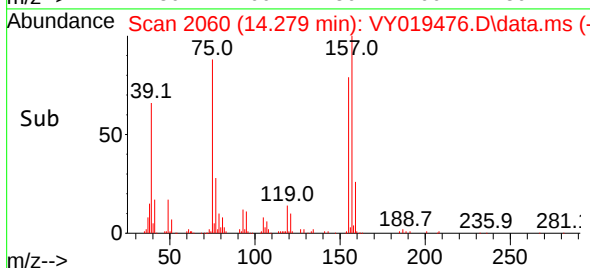
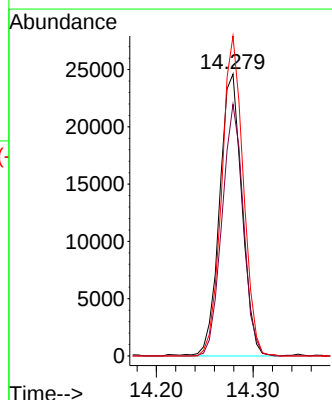
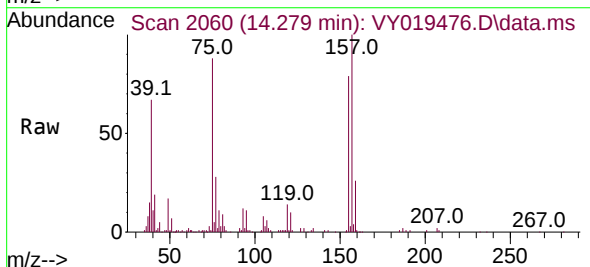
Tgt Ion: 75 Resp: 39413

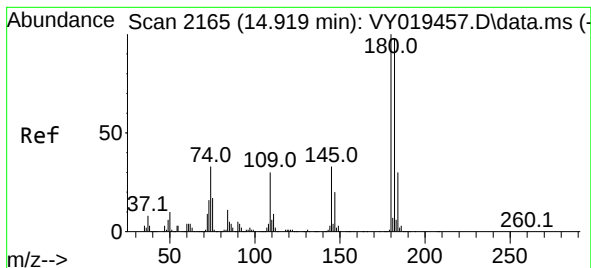
Ion Ratio Lower Upper

75 100

155 85.2 48.6 145.8

157 109.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.054 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

ClientSampleId :

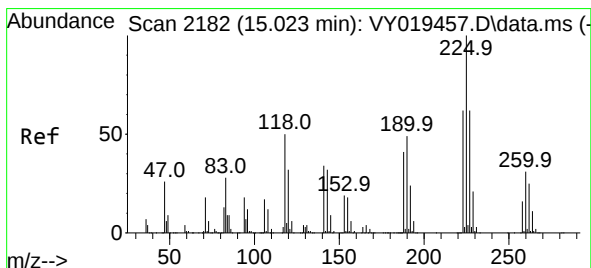
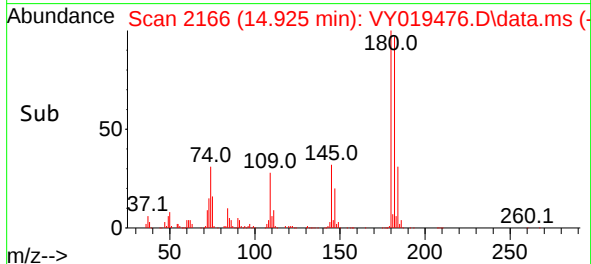
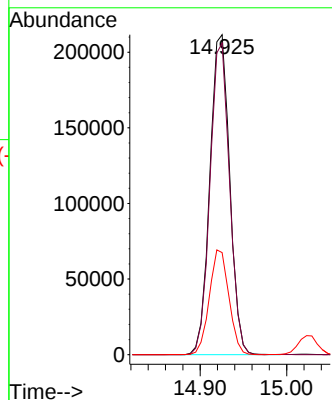
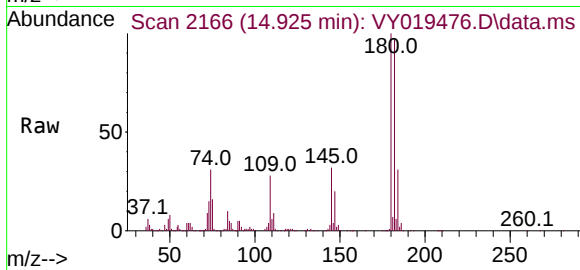
Tgt Ion:180 Resp: 336065

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.8

145 32.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 51.672 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

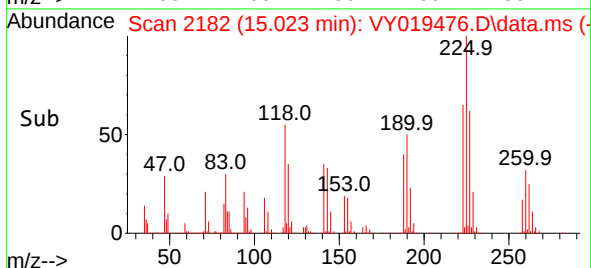
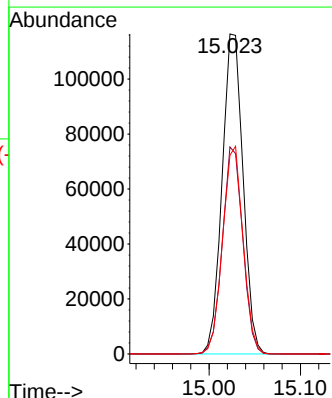
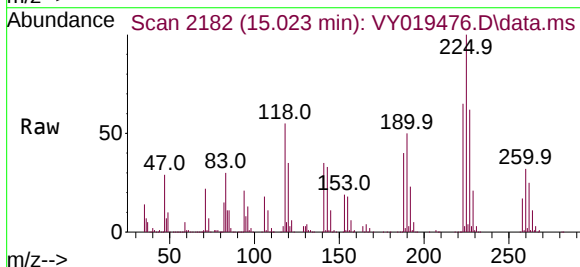
Tgt Ion:225 Resp: 185336

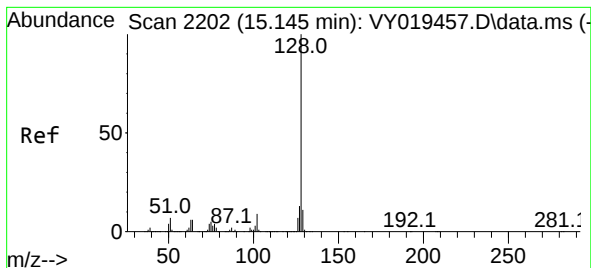
Ion Ratio Lower Upper

225 100

223 63.0 30.4 91.2

227 63.5 31.9 95.9





#95

Naphthalene

Concen: 46.910 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Instrument :

MSVOA_Y

ClientSampleId :

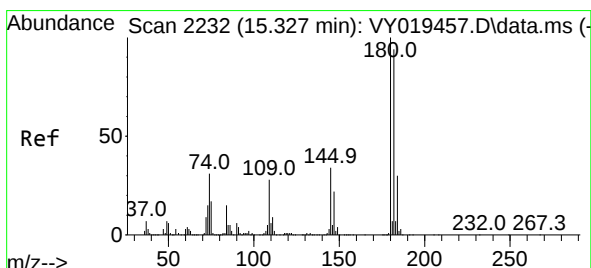
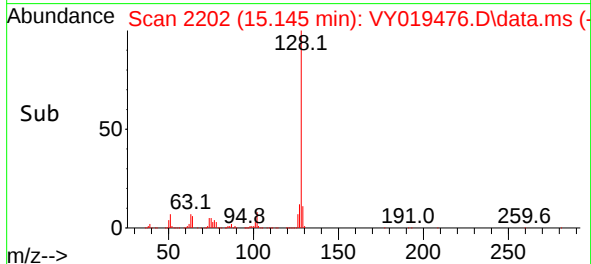
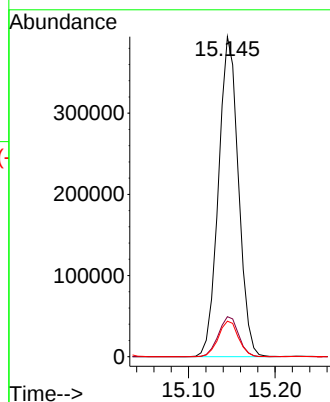
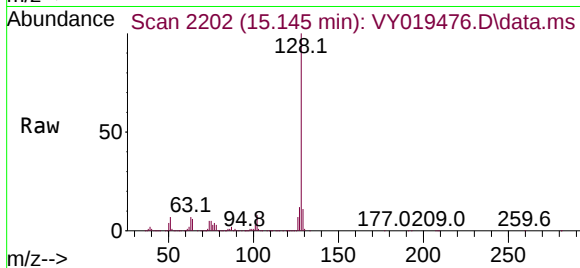
Tgt Ion:128 Resp: 630727

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: 48.700 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY019476.D

Acq: 10 Sep 2024 09:13

Tgt Ion:180 Resp: 279686

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 34.4 15.4 46.1

