

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019559.D
 Acq On : 16 Sep 2024 11:33
 Operator : SY/MD
 Sample : VY0916SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 17 02:12:11 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	427997	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	721476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	610175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	287271	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	189836	47.900	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.800%
35) Dibromofluoromethane	7.634	113	193554	47.316	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.640%
50) Toluene-d8	10.103	98	708521	46.828	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.660%
62) 4-Bromofluorobenzene	12.408	95	252866	43.465	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	63835	25.262	ug/l	98
3) Chloromethane	2.074	50	75489	21.318	ug/l	97
4) Vinyl Chloride	2.208	62	87252	22.787	ug/l	98
5) Bromomethane	2.598	94	58615	24.922	ug/l	100
6) Chloroethane	2.739	64	59349	23.710	ug/l	99
7) Trichlorofluoromethane	3.062	101	144719	22.673	ug/l	98
8) Diethyl Ether	3.452	74	44436	20.740	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.812	101	88520	22.419	ug/l	96
10) Methyl Iodide	4.007	142	97188	19.198	ug/l	93
11) Tert butyl alcohol	4.854	59	32077	100.223	ug/l	# 72
12) 1,1-Dichloroethene	3.787	96	78835	20.761	ug/l	85
13) Acrolein	3.653	56	19229	117.187	ug/l	100
14) Allyl chloride	4.379	41	135536	19.903	ug/l	# 93
15) Acrylonitrile	5.061	53	96044	103.964	ug/l	98
16) Acetone	3.873	43	102661	108.732	ug/l	87
17) Carbon Disulfide	4.104	76	192173	18.731	ug/l	96
18) Methyl Acetate	4.385	43	42991	16.779	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	228427	21.240	ug/l	100
20) Methylene Chloride	4.610	84	92398	21.459	ug/l	# 91
21) trans-1,2-Dichloroethene	5.110	96	86287	20.731	ug/l	88
22) Diisopropyl ether	6.012	45	295342	21.120	ug/l	91
23) Vinyl Acetate	5.958	43	840016	105.168	ug/l	95
24) 1,1-Dichloroethane	5.915	63	169435	21.593	ug/l	98
25) 2-Butanone	6.890	43	138762	103.335	ug/l	89
26) 2,2-Dichloropropane	6.878	77	155339	21.946	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	109273	21.613	ug/l	90
28) Bromochloromethane	7.244	49	58316	17.663	ug/l	86
29) Tetrahydrofuran	7.262	42	78427	96.056	ug/l	88
30) Chloroform	7.415	83	177740	22.189	ug/l	99
31) Cyclohexane	7.701	56	142121	20.038	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	158859	22.125	ug/l	98
36) 1,1-Dichloropropene	7.835	75	118776	21.339	ug/l	96
37) Ethyl Acetate	6.982	43	57794	20.265	ug/l	96
38) Carbon Tetrachloride	7.817	117	137271	21.869	ug/l	98
39) Methylcyclohexane	9.109	83	151417	20.441	ug/l	93
40) Benzene	8.079	78	366793	21.395	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	31341	18.852	ug/l	90
42) 1,2-Dichloroethane	8.158	62	103139	22.357	ug/l	96
43) Isopropyl Acetate	8.195	43	120636	20.134	ug/l	92
44) Trichloroethene	8.866	130	94320	21.392	ug/l	94
45) 1,2-Dichloropropane	9.140	63	89065	21.250	ug/l	99
46) Dibromomethane	9.231	93	50001	21.815	ug/l	95
47) Bromodichloromethane	9.420	83	135971	22.069	ug/l	97
48) Methyl methacrylate	9.219	41	54805	19.369	ug/l	85
49) 1,4-Dioxane	9.238	88	10806	400.488	ug/l #	84
51) 4-Methyl-2-Pentanone	10.000	43	299654	99.407	ug/l	93
52) Toluene	10.170	92	236043	21.408	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	122988	20.941	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	144103	21.071	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	67949	21.468	ug/l	97
56) Ethyl methacrylate	10.439	69	96206	20.009	ug/l #	80
57) 1,3-Dichloropropane	10.719	76	116008	21.322	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	194748	87.269	ug/l	97
59) 2-Hexanone	10.762	43	225718	102.137	ug/l	88
60) Dibromochloromethane	10.914	129	89463	21.367	ug/l	100
61) 1,2-Dibromoethane	11.018	107	62992	21.359	ug/l	97
64) Tetrachloroethene	10.646	164	79715	21.097	ug/l	93
65) Chlorobenzene	11.438	112	263715	21.972	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	90230	21.712	ug/l	99
67) Ethyl Benzene	11.518	91	463836	21.749	ug/l	100
68) m/p-Xylenes	11.627	106	349451	43.335	ug/l	93
69) o-Xylene	11.957	106	170187	21.580	ug/l	94
70) Styrene	11.969	104	285385	21.433	ug/l	97
71) Bromoform	12.133	173	49876	21.013	ug/l #	97
73) Isopropylbenzene	12.255	105	456327	21.896	ug/l	99
74) N-amyl acetate	12.072	43	113840	20.085	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.505	83	76705	20.736	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	101604	37.735	ug/l #	100
77) Bromobenzene	12.530	156	97335	21.058	ug/l	90
78) n-propylbenzene	12.597	91	544373	22.038	ug/l	100
79) 2-Chlorotoluene	12.682	91	312395	21.701	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	370930	21.893	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	27216	19.404	ug/l	92
82) 4-Chlorotoluene	12.780	91	321689	21.736	ug/l	97
83) tert-Butylbenzene	12.999	119	347647	22.666	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	365275	21.780	ug/l	98
85) sec-Butylbenzene	13.176	105	492961	22.124	ug/l	99
86) p-Isopropyltoluene	13.292	119	405521	22.244	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	197258	21.963	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	195513	21.935	ug/l	97
89) n-Butylbenzene	13.615	91	387123	22.213	ug/l	100
90) Hexachloroethane	13.877	117	81931	21.599	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	175055	21.842	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12517	20.303	ug/l	80
93) 1,2,4-Trichlorobenzene	14.919	180	98947	20.299	ug/l	97
94) Hexachlorobutadiene	15.023	225	54860	21.067	ug/l	99
95) Naphthalene	15.139	128	185413	18.994	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	82137	19.699	ug/l	97

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Instrument :
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ClientSampleId :

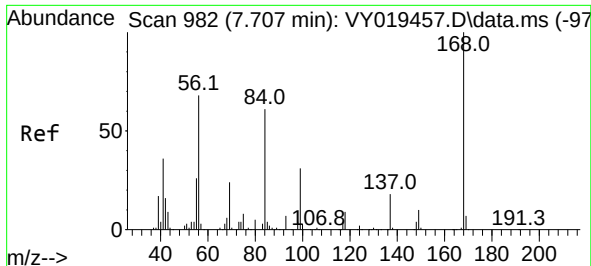
Quant Time: Sep 17 02:12:11 2024
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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

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

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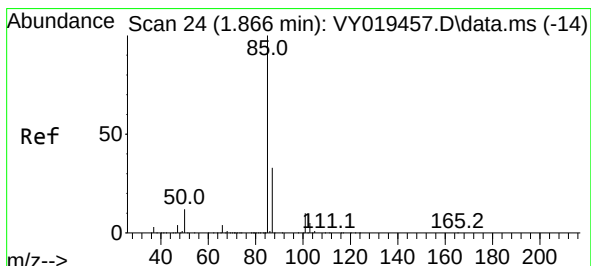
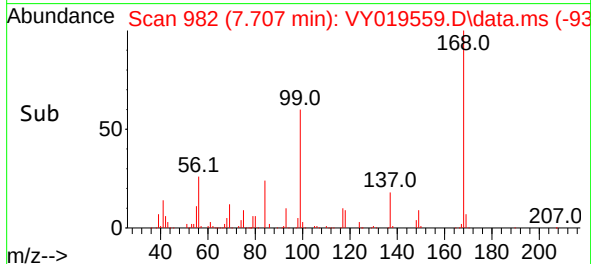
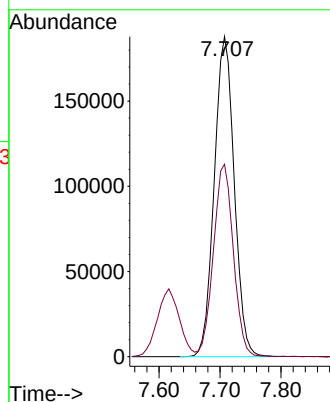
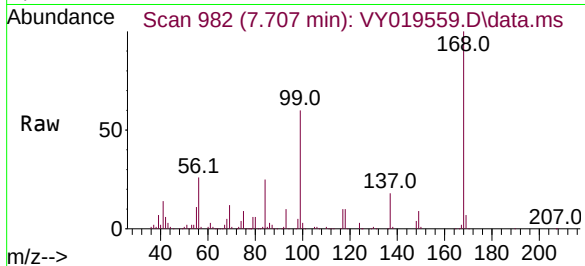




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

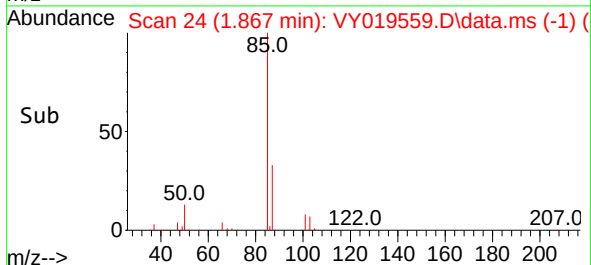
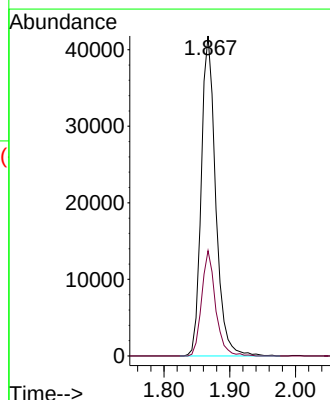
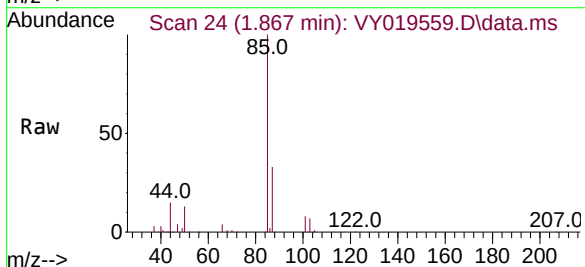
Instrument :
MSVOA_Y
ClientSampleId :

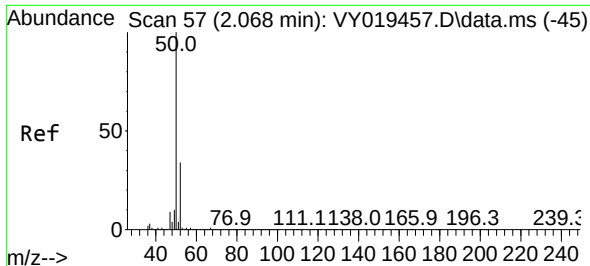
Tgt Ion:168 Resp: 427997
Ion Ratio Lower Upper
168 100
99 60.1 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 25.262 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

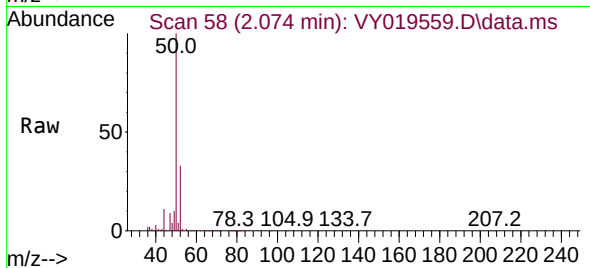
Tgt Ion: 85 Resp: 63835
Ion Ratio Lower Upper
85 100
87 32.9 16.0 48.0



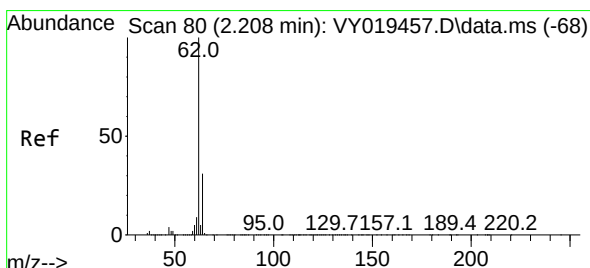
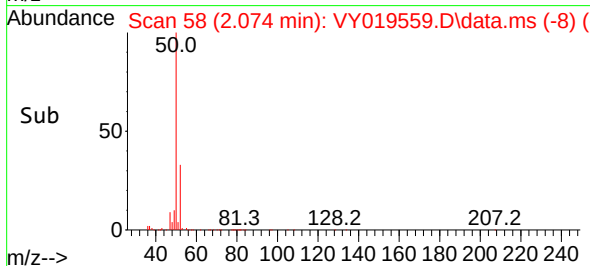
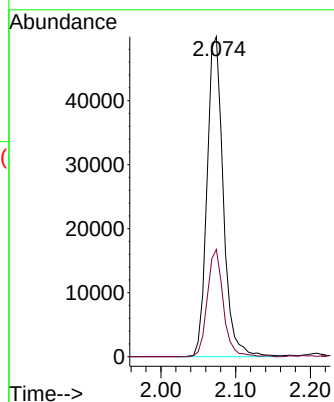


#3
Chloromethane
Concen: 21.318 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Instrument :
MSVOA_Y
ClientSampleId :

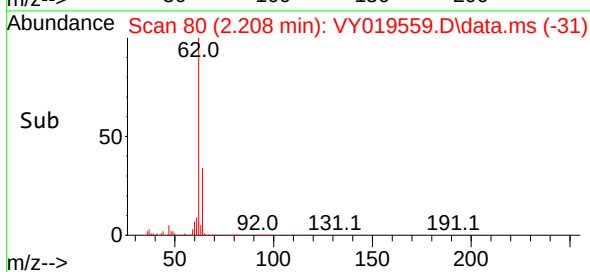
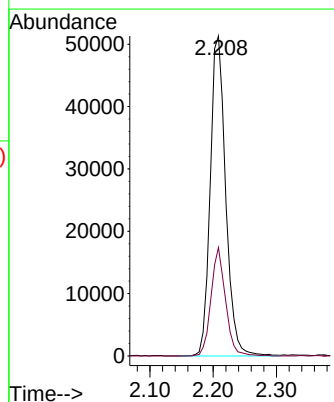
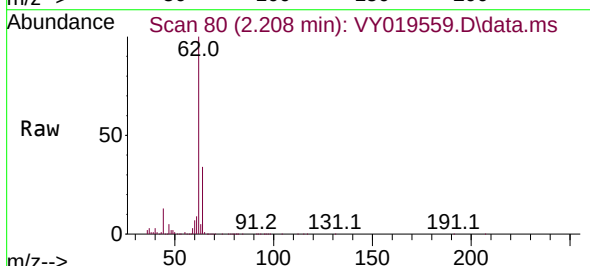


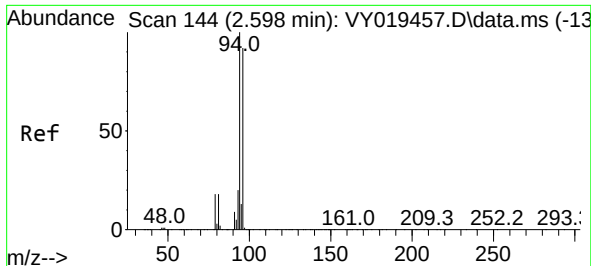
Tgt Ion: 50 Resp: 75489
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4



#4
Vinyl Chloride
Concen: 22.787 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion: 62 Resp: 87252
Ion Ratio Lower Upper
62 100
64 33.9 26.1 39.1

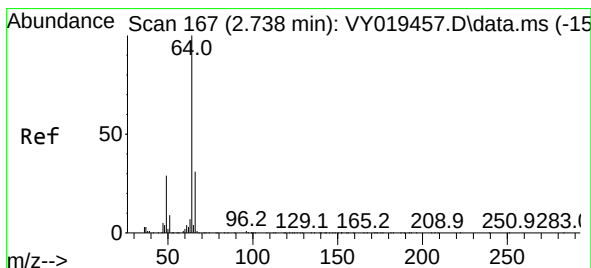
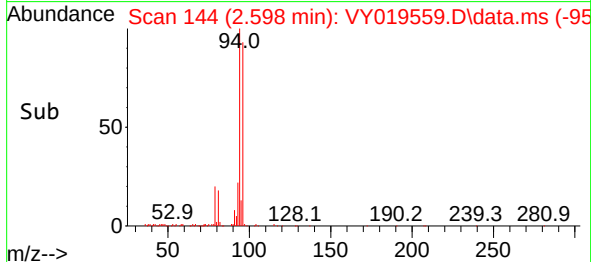
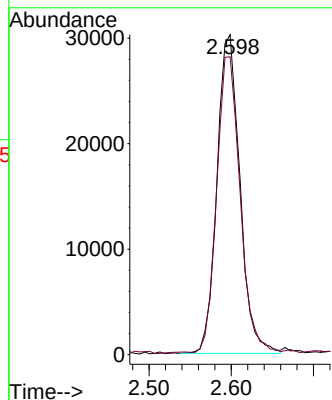
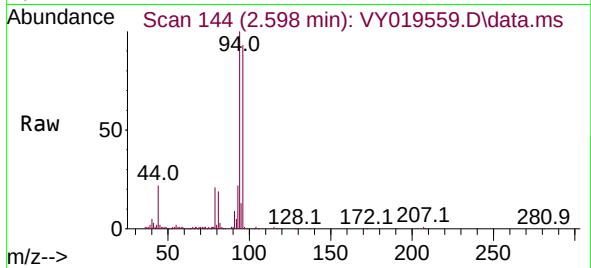




#5
Bromomethane
Concen: 24.922 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

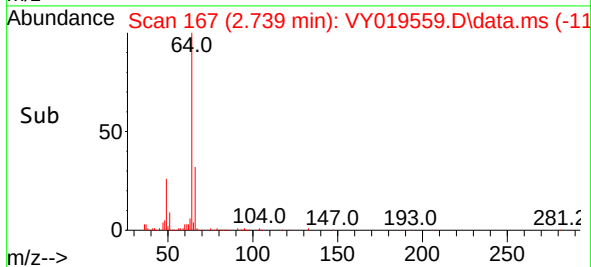
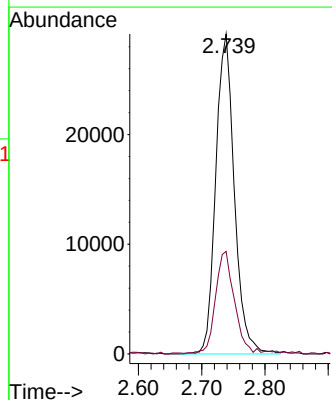
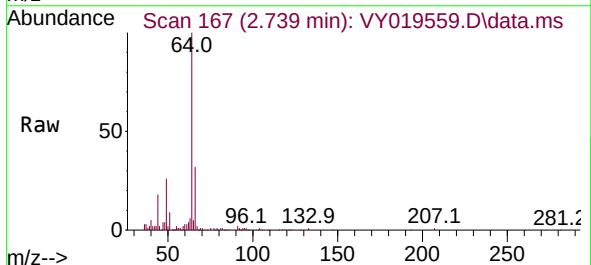
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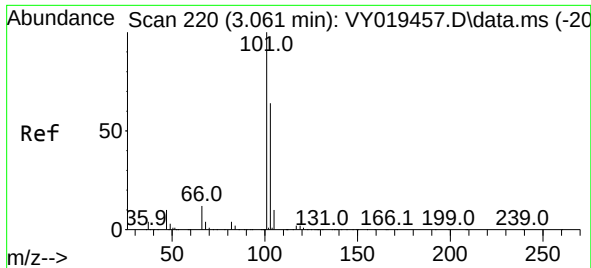
Tgt Ion: 94 Resp: 58615
Ion Ratio Lower Upper
94 100
96 92.7 74.1 111.1



#6
Chloroethane
Concen: 23.710 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion: 64 Resp: 59349
Ion Ratio Lower Upper
64 100
66 31.8 26.1 39.1

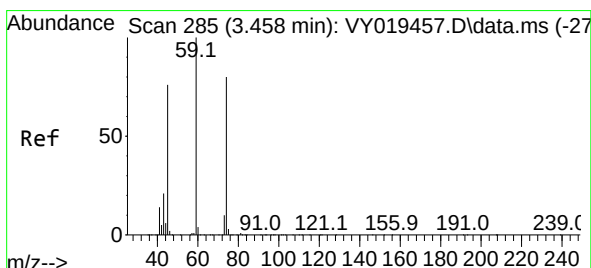
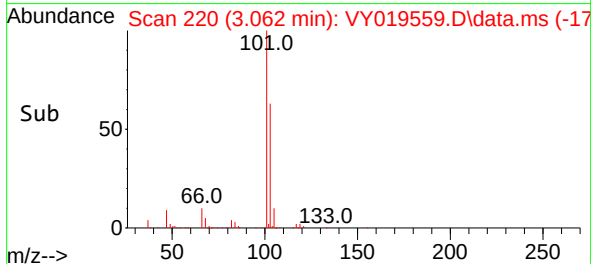
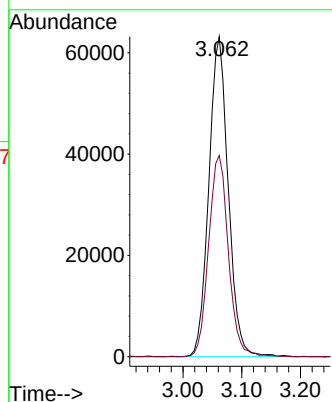
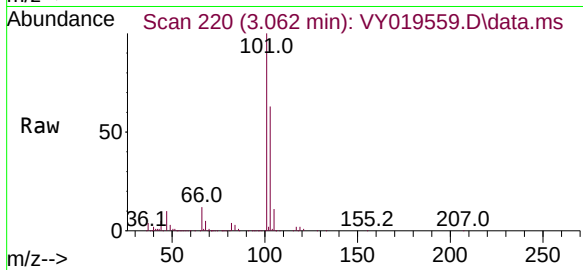




#7
 Trichlorofluoromethane
 Concen: 22.673 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019559.D
 Acq: 16 Sep 2024 11:33

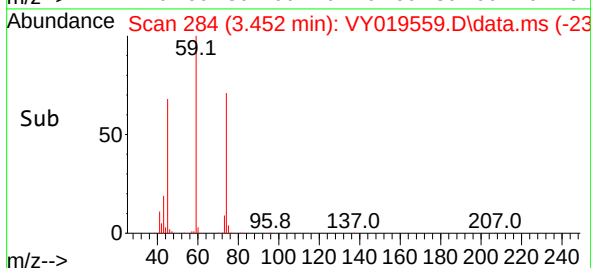
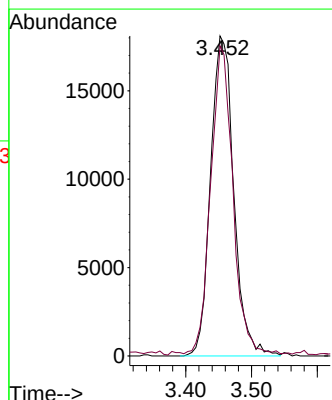
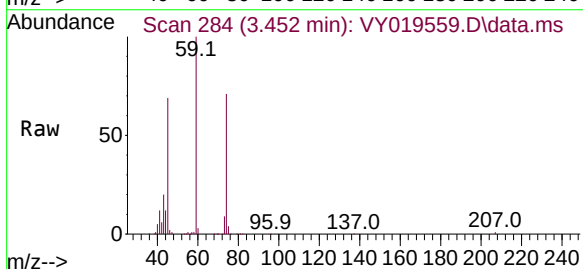
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 ClientSampleId :

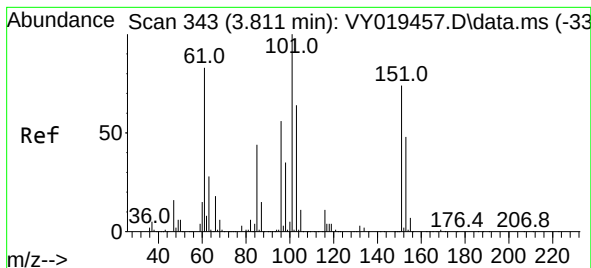
Tgt Ion:101 Resp: 144719
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.740 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019559.D
 Acq: 16 Sep 2024 11:33

Tgt Ion: 74 Resp: 44436
 Ion Ratio Lower Upper
 74 100
 45 91.1 41.3 124.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.419 ug/l

RT: 3.812 min Scan# 343

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

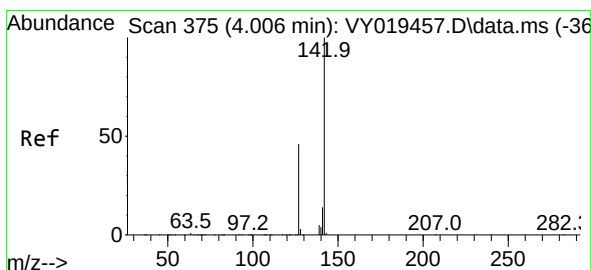
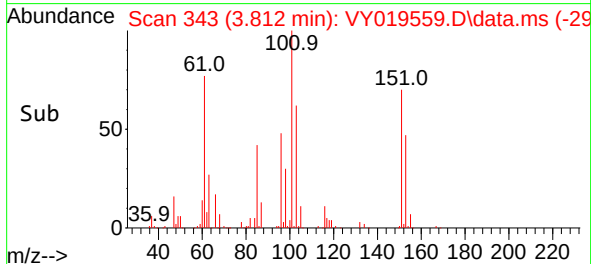
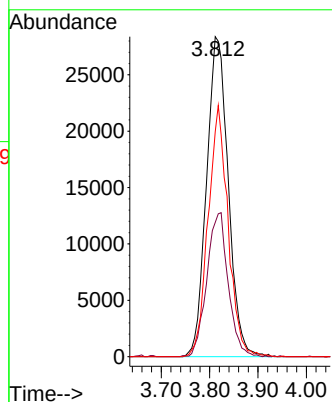
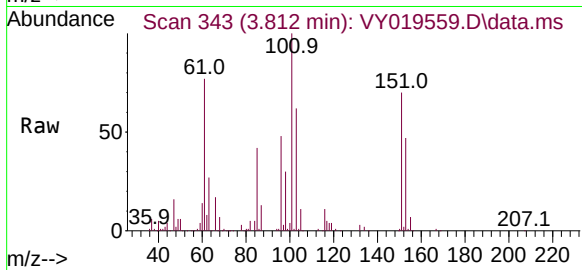
Tgt Ion:101 Resp: 88520

Ion Ratio Lower Upper

101 100

85 44.3 34.5 51.7

151 72.3 61.7 92.5



#10

Methyl Iodide

Concen: 19.198 ug/l

RT: 4.007 min Scan# 375

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

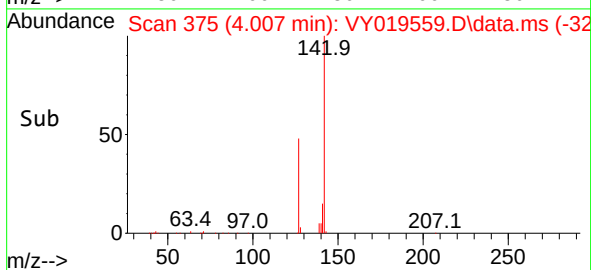
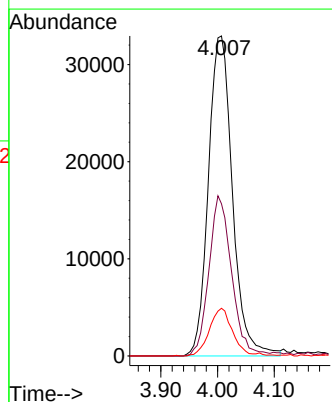
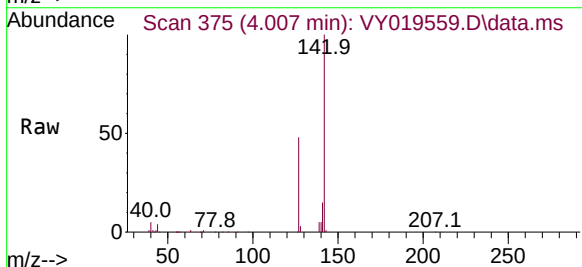
Tgt Ion:142 Resp: 97188

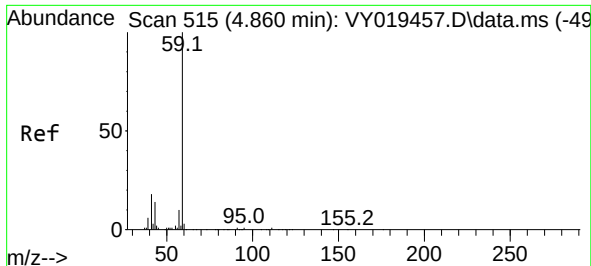
Ion Ratio Lower Upper

142 100

127 47.1 32.8 49.2

141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 100.223 ug/l

RT: 4.854 min Scan# 515

Delta R.T. -0.006 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

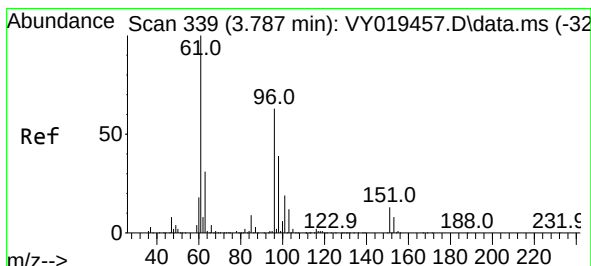
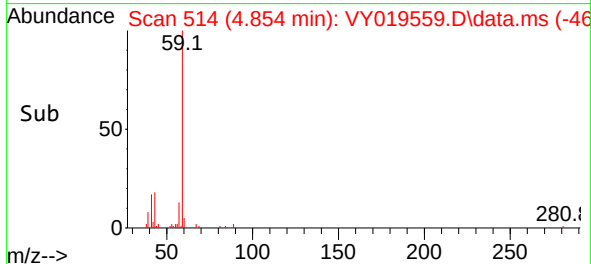
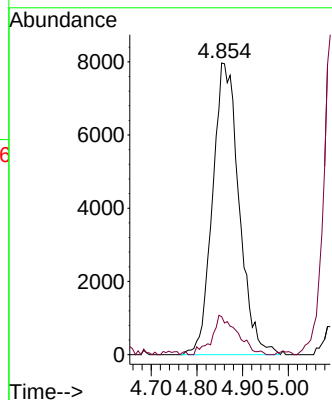
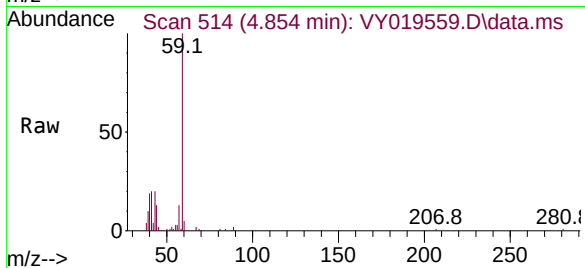
ClientSampleId :

Tgt Ion: 59 Resp: 32077

Ion Ratio Lower Upper

59 100

57 12.9 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 20.761 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

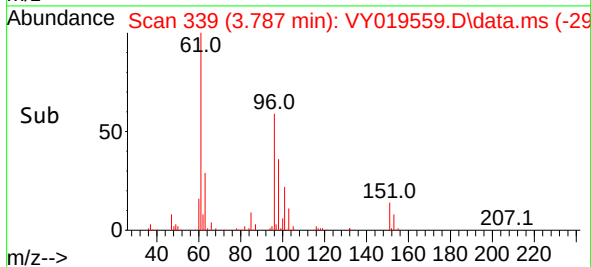
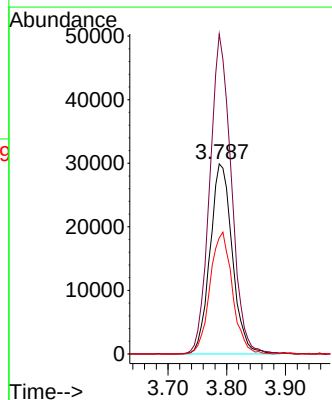
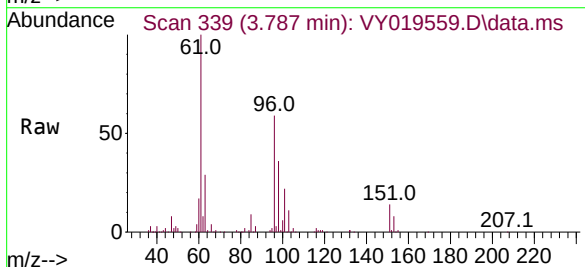
Tgt Ion: 96 Resp: 78835

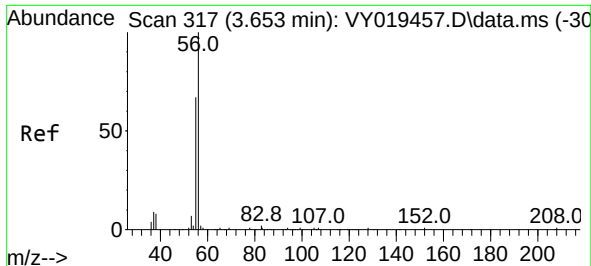
Ion Ratio Lower Upper

96 100

61 168.1 114.6 171.8

98 61.1 50.8 76.2

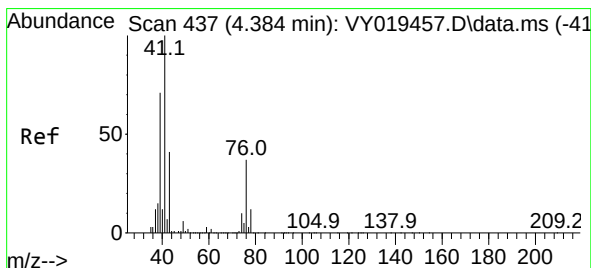
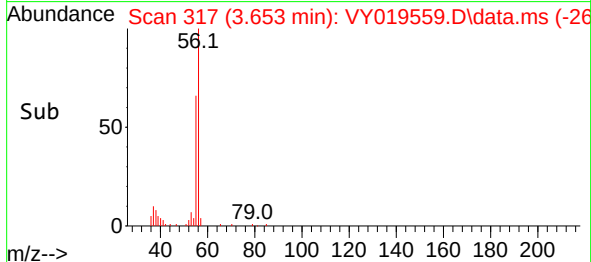
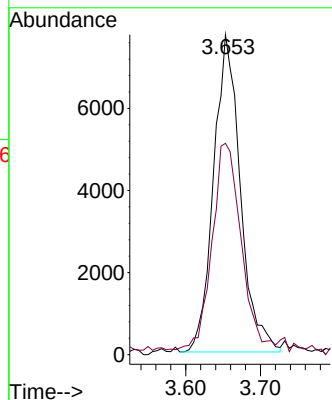
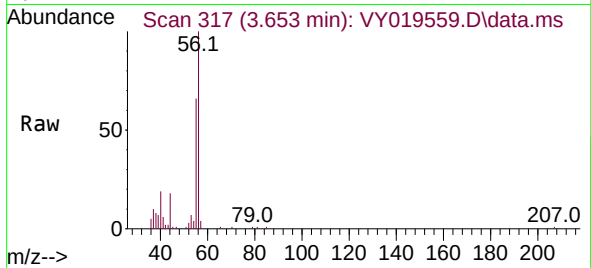




#13
Acrolein
Concen: 117.187 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

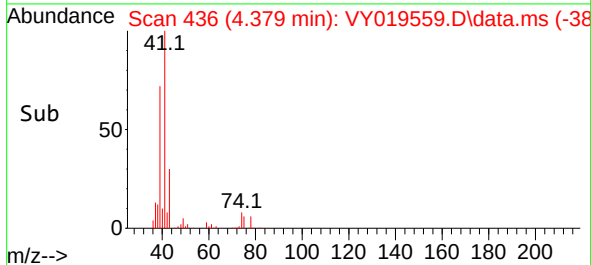
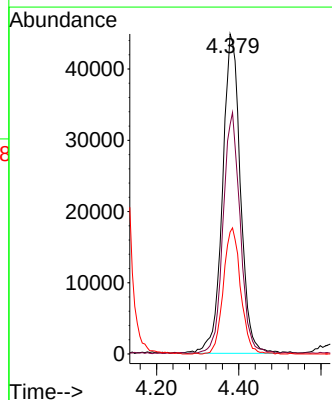
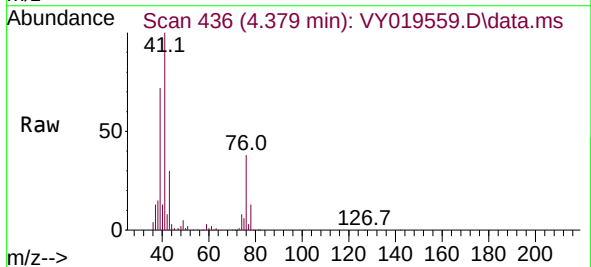
Instrument :
MSVOA_Y
ClientSampleId :

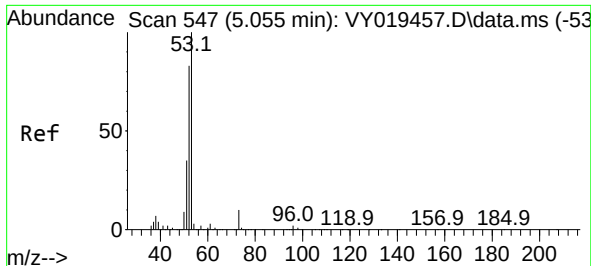
Tgt Ion: 56 Resp: 19229
Ion Ratio Lower Upper
56 100
55 69.9 55.7 83.5



#14
Allyl chloride
Concen: 19.903 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion: 41 Resp: 135536
Ion Ratio Lower Upper
41 100
39 72.2 58.3 87.5
76 38.1 39.0 58.6#

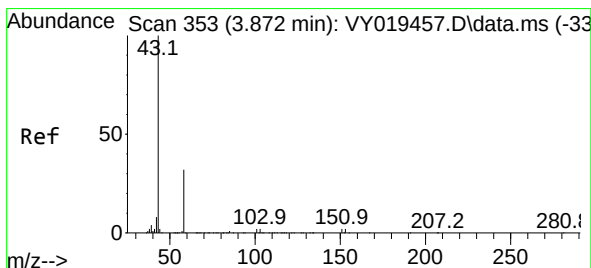
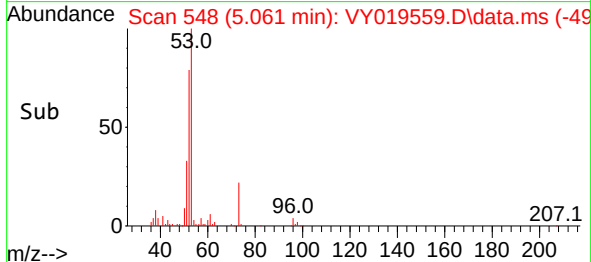
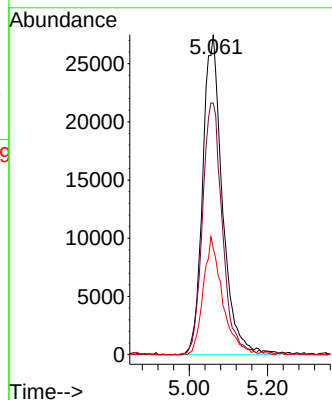
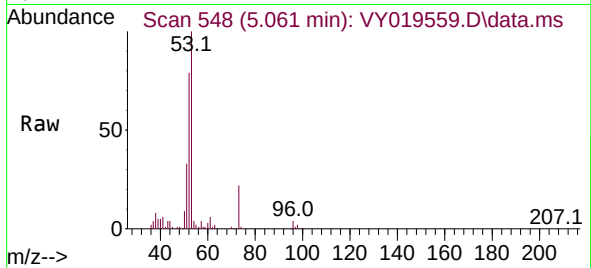




#15
Acrylonitrile
Concen: 103.964 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

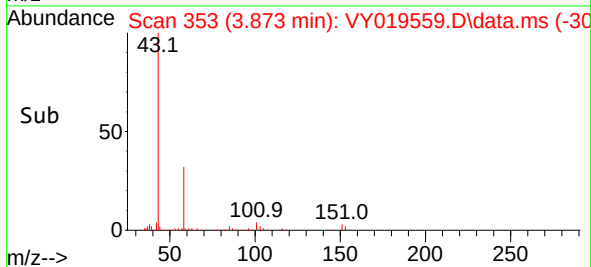
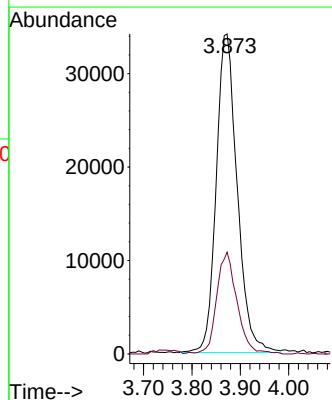
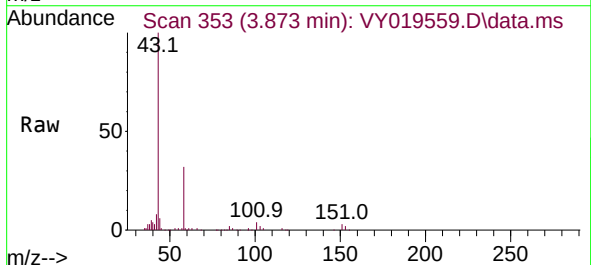
Instrument :
MSVOA_Y
ClientSampleId :

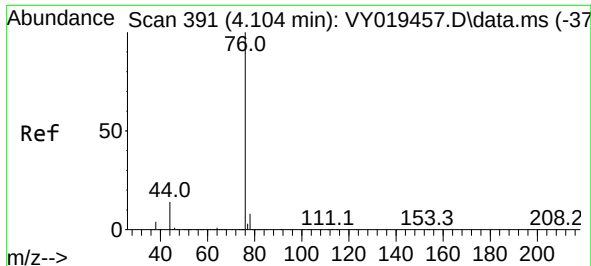
Tgt Ion: 53 Resp: 96044
Ion Ratio Lower Upper
53 100
52 78.9 64.7 97.1
51 36.1 28.4 42.6



#16
Acetone
Concen: 108.732 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion: 43 Resp: 102661
Ion Ratio Lower Upper
43 100
58 31.7 31.7 47.5

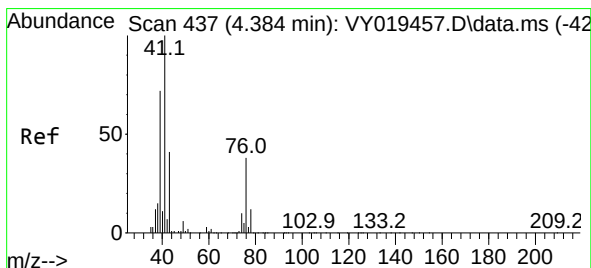
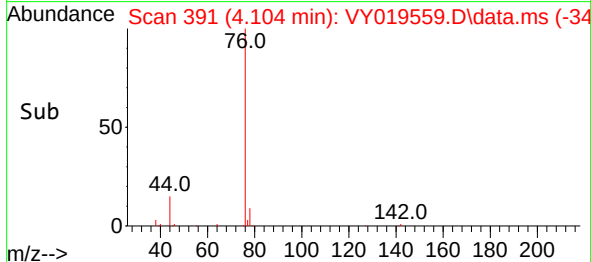
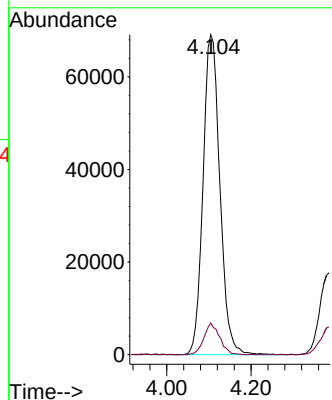
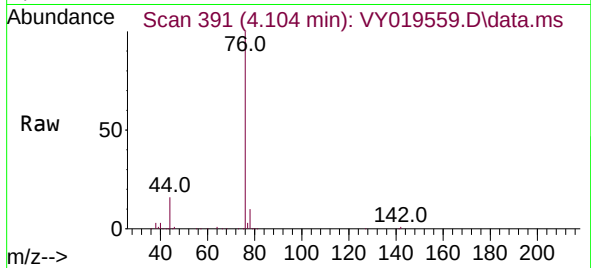




#17
Carbon Disulfide
Concen: 18.731 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

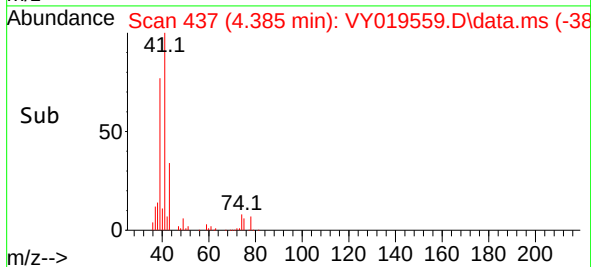
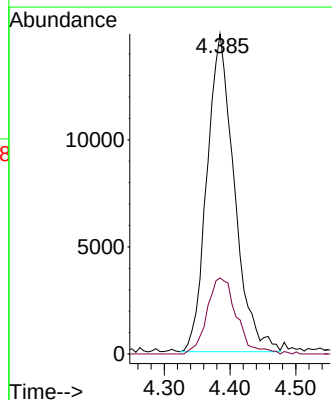
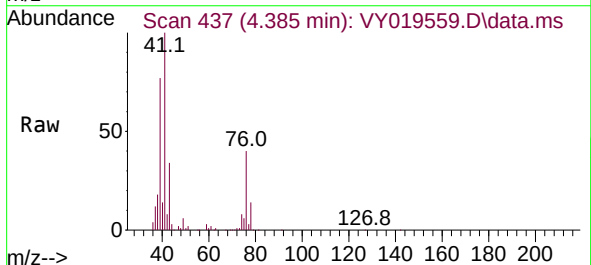
Instrument :
MSVOA_Y
ClientSampleId :

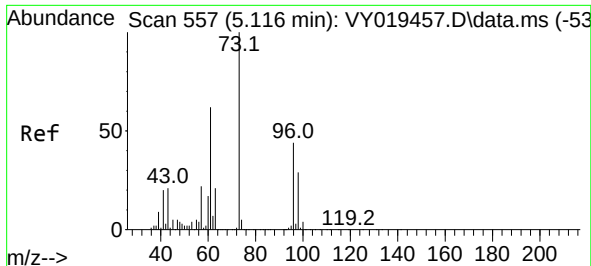
Tgt Ion: 76 Resp: 192173
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2



#18
Methyl Acetate
Concen: 16.779 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion: 43 Resp: 42991
Ion Ratio Lower Upper
43 100
74 25.7 23.3 34.9

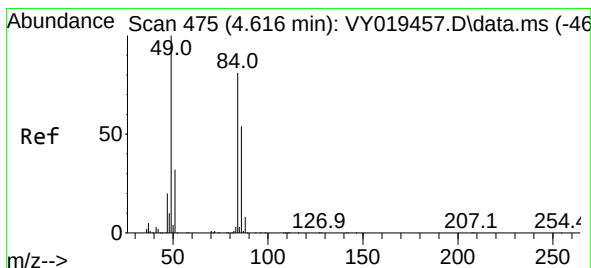
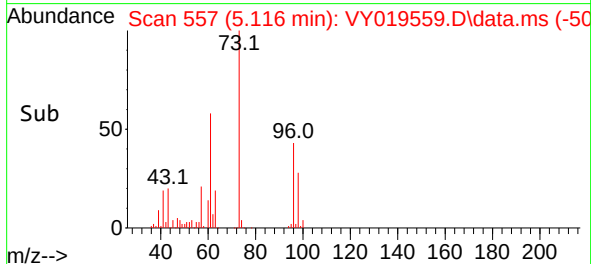
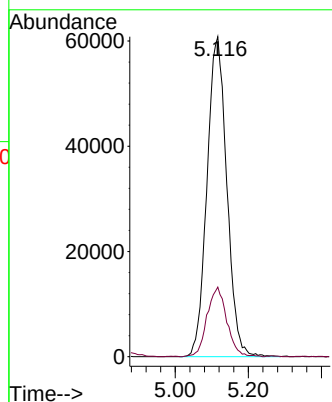
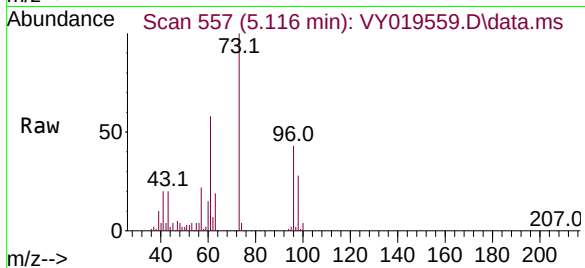




#19
Methyl tert-butyl Ether
Concen: 21.240 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

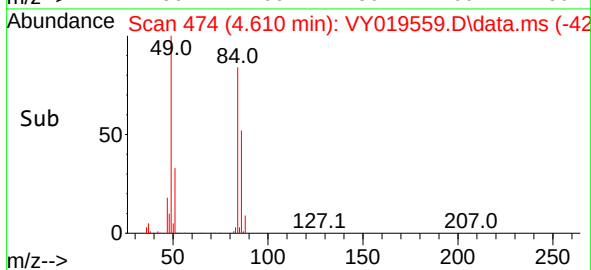
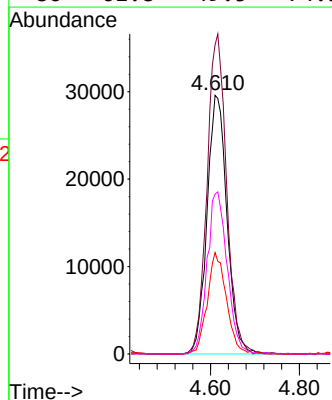
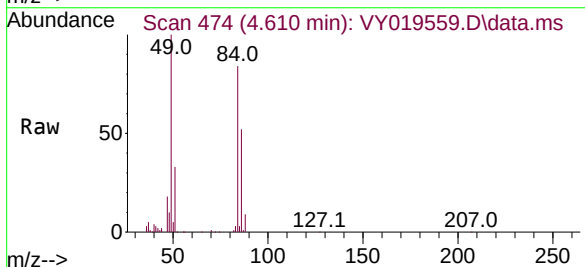
Instrument :
MSVOA_Y
ClientSampleId :

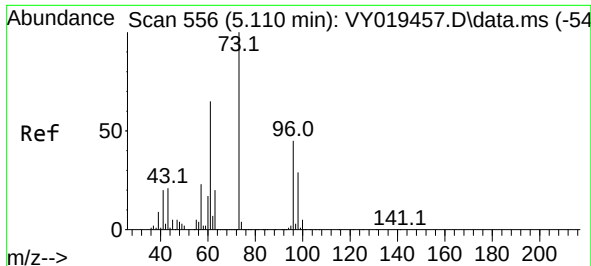
Tgt Ion: 73 Resp: 228427
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 21.459 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion: 84 Resp: 92398
Ion Ratio Lower Upper
84 100
49 119.5 84.4 126.6
51 39.2 26.0 39.0#
86 61.8 49.5 74.3

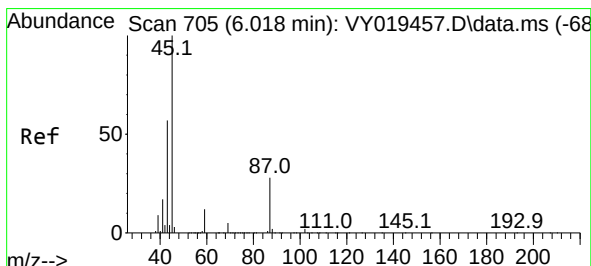
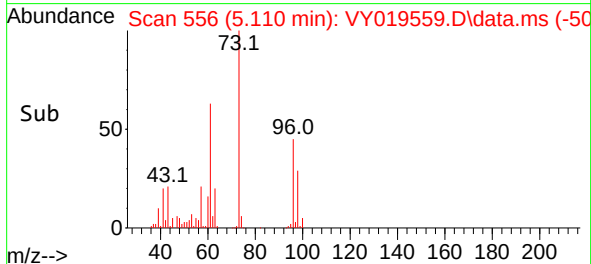
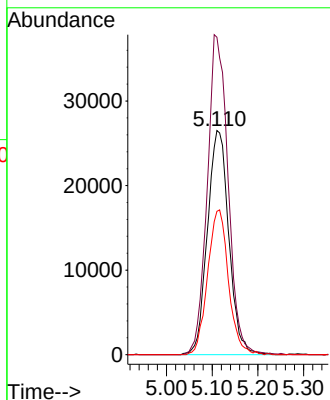
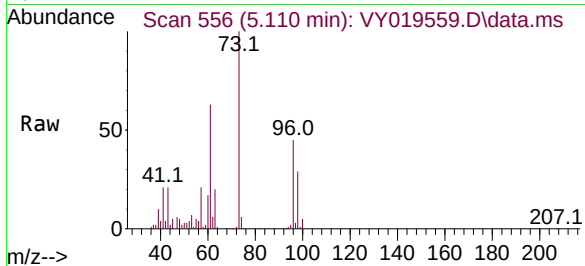




#21
trans-1,2-Dichloroethene
Concen: 20.731 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

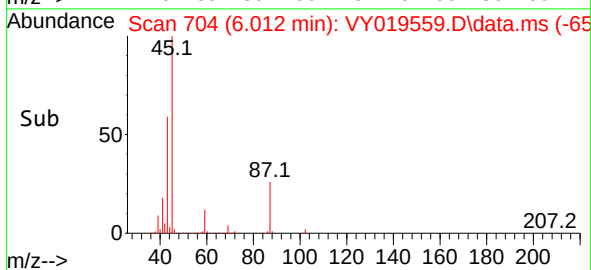
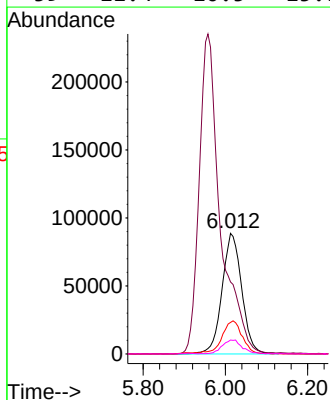
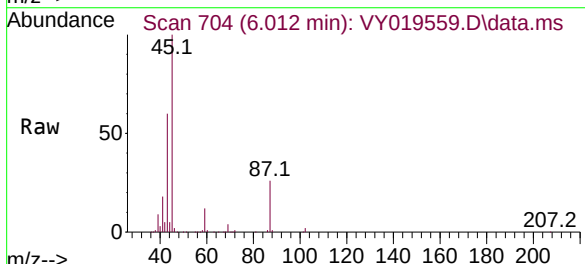
Instrument :
MSVOA_Y
ClientSampleId :

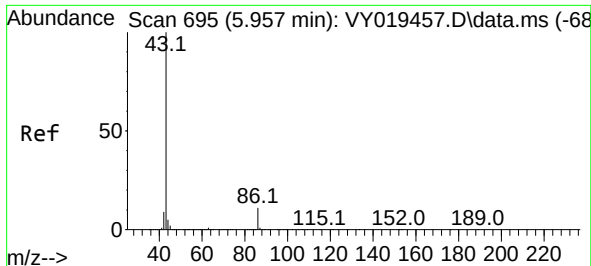
Tgt Ion: 96 Resp: 86287
Ion Ratio Lower Upper
96 100
61 141.6 97.5 146.3
98 64.0 50.5 75.7



#22
Diisopropyl ether
Concen: 21.120 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion: 45 Resp: 295342
Ion Ratio Lower Upper
45 100
43 59.4 42.2 63.2
87 26.1 25.0 37.6
59 11.4 10.5 15.7

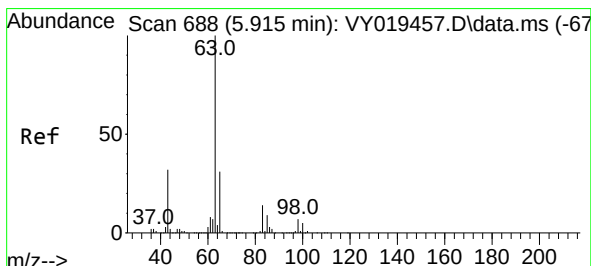
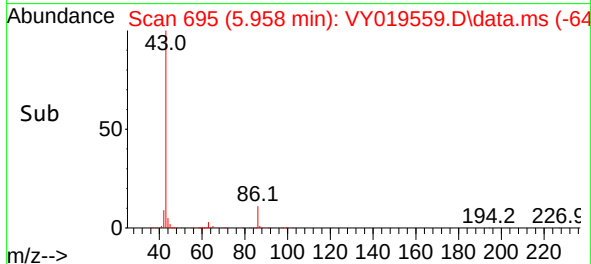
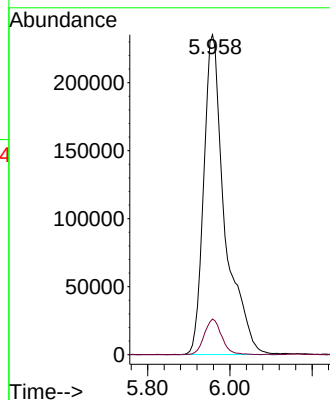
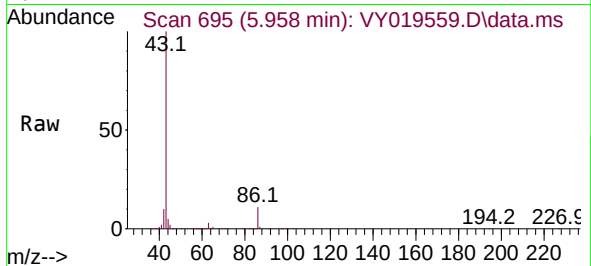




#23
 Vinyl Acetate
 Concen: 105.168 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019559.D
 Acq: 16 Sep 2024 11:33

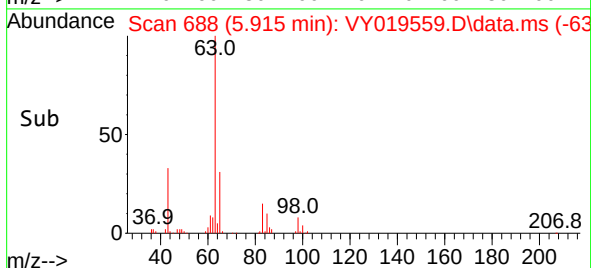
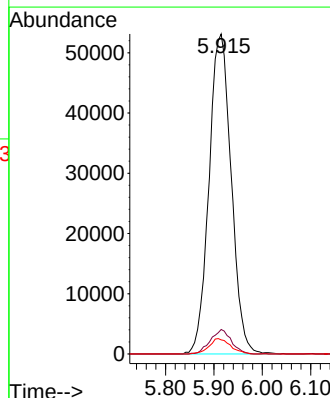
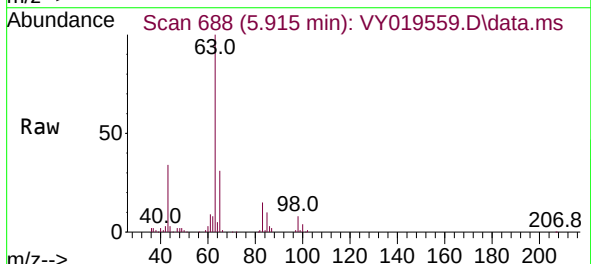
Instrument :
 MSVOA_Y
 ClientSampleId :

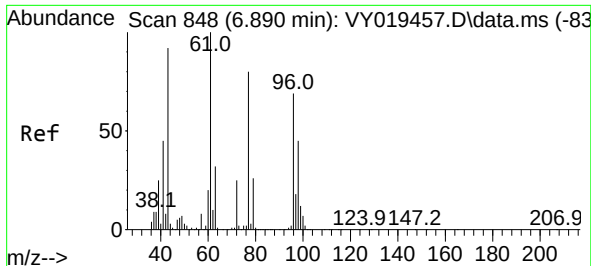
Tgt Ion: 43 Resp: 840016
 Ion Ratio Lower Upper
 43 100
 86 11.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 21.593 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019559.D
 Acq: 16 Sep 2024 11:33

Tgt Ion: 63 Resp: 169435
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 4.4 2.6 8.0





#25

2-Butanone

Concen: 103.335 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

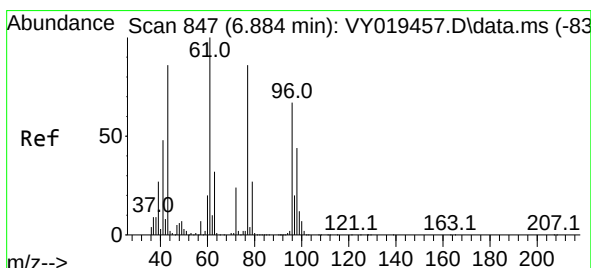
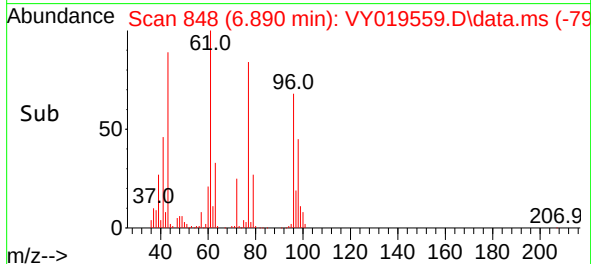
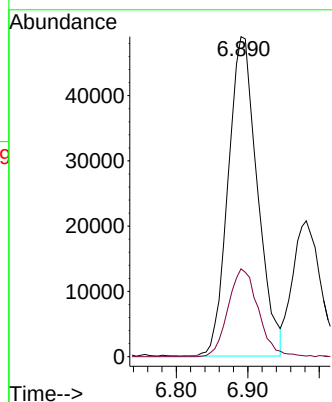
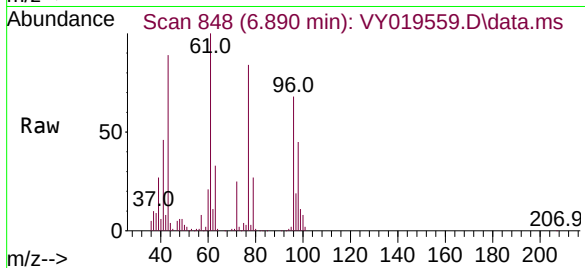
ClientSampleId :

Tgt Ion: 43 Resp: 138762

Ion Ratio Lower Upper

43 100

72 27.5 27.3 40.9



#26

2,2-Dichloropropane

Concen: 21.946 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY019559.D

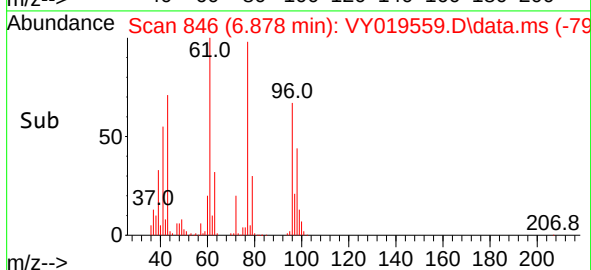
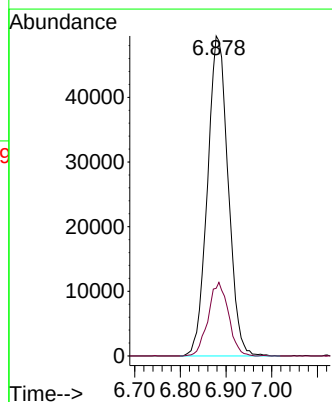
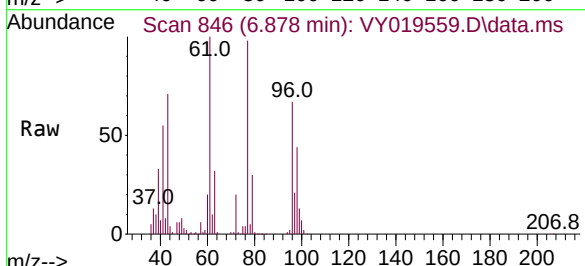
Acq: 16 Sep 2024 11:33

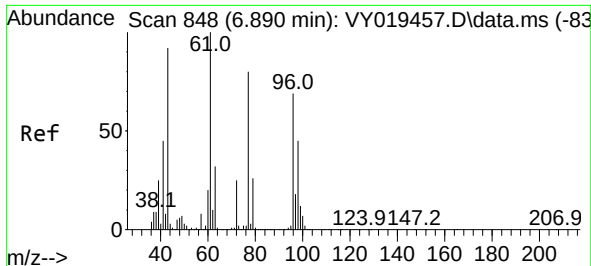
Tgt Ion: 77 Resp: 155339

Ion Ratio Lower Upper

77 100

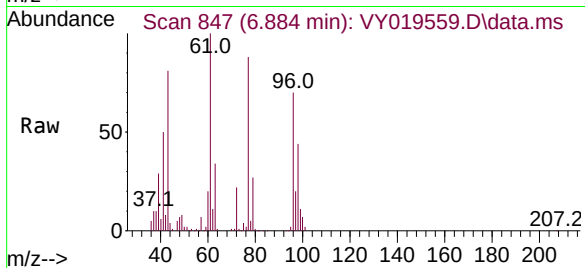
97 22.6 12.0 36.1





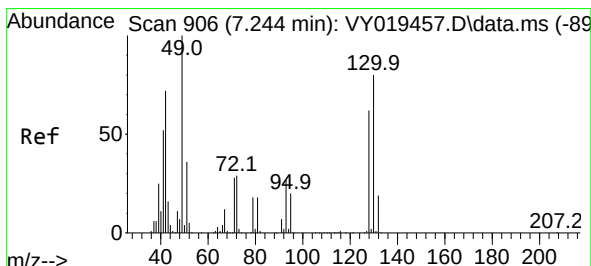
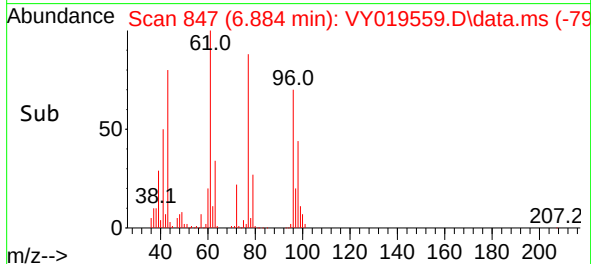
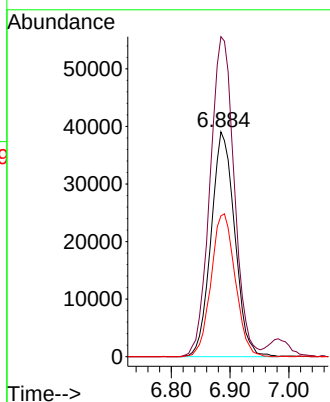
#27
 cis-1,2-Dichloroethene
 Concen: 21.613 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY019559.D
 Acq: 16 Sep 2024 11:33

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 109273

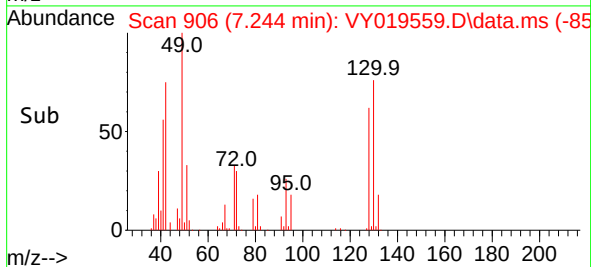
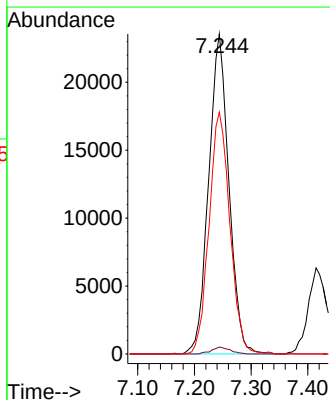
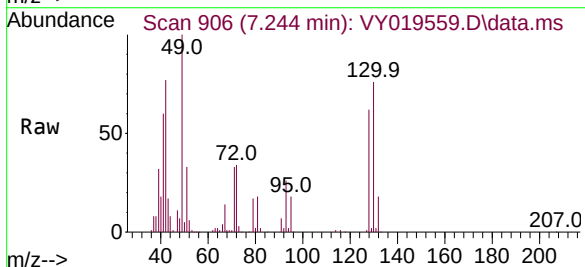
Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	256.2
98	64.8	0.0	130.0

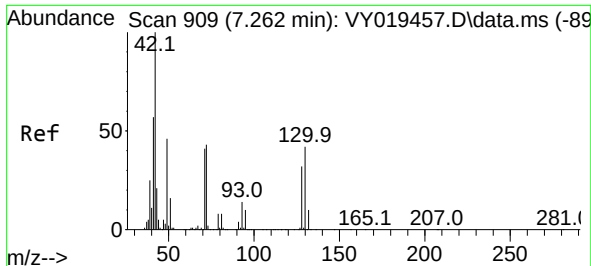


#28
 Bromochloromethane
 Concen: 17.663 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019559.D
 Acq: 16 Sep 2024 11:33

Tgt Ion: 49 Resp: 58316

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	77.6	72.7	109.1





#29

Tetrahydrofuran

Concen: 96.056 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

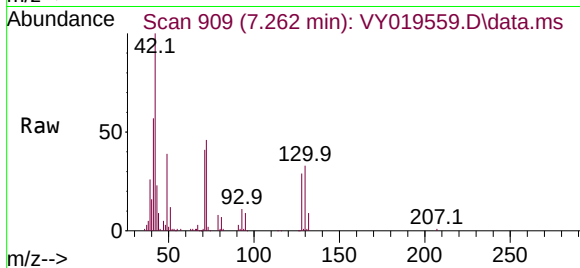
Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

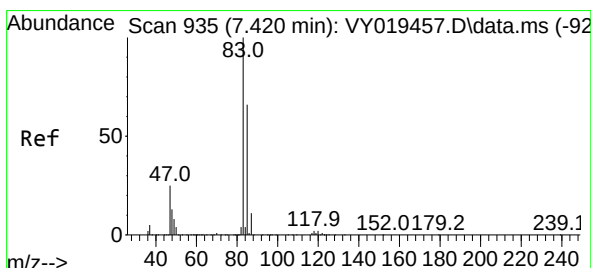
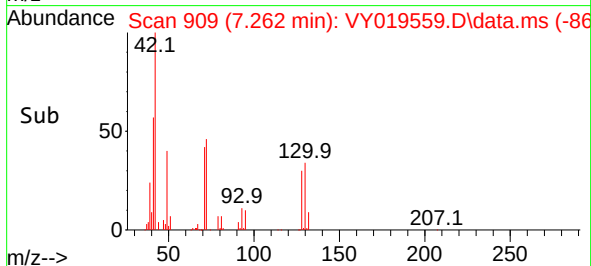
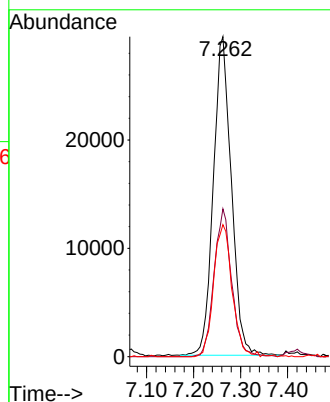
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	78427
Ion	Ratio	Lower	Upper
42	100		
72	45.1	43.0	64.4
71	42.6	40.8	61.2



#30

Chloroform

Concen: 22.189 ug/l

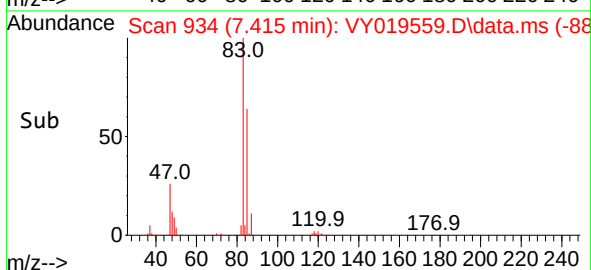
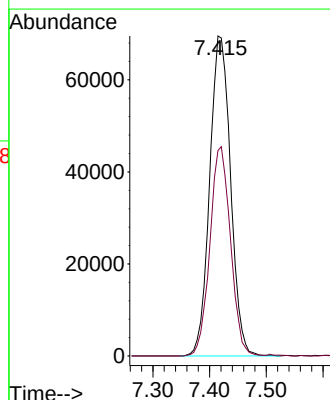
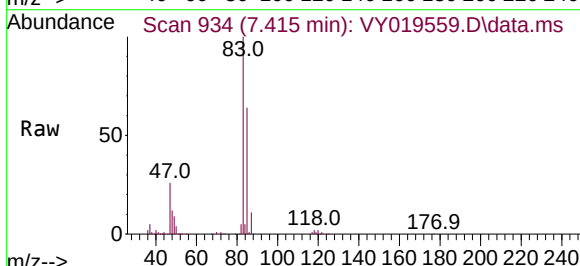
RT: 7.415 min Scan# 934

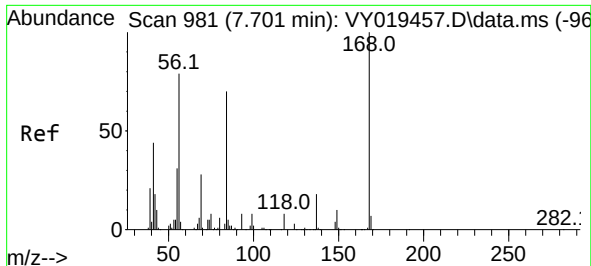
Delta R.T. -0.006 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

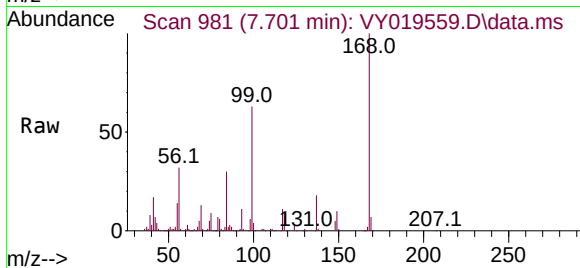
Tgt Ion:	83	Resp:	177740
Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.2	78.4



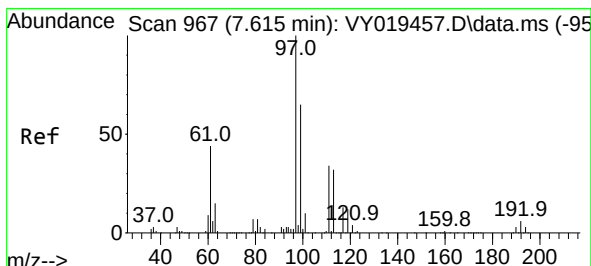
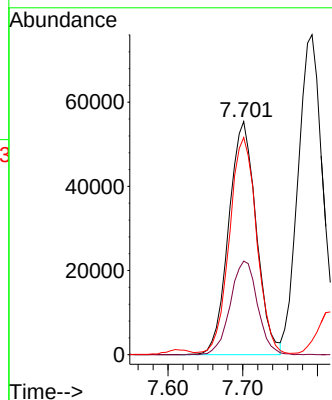
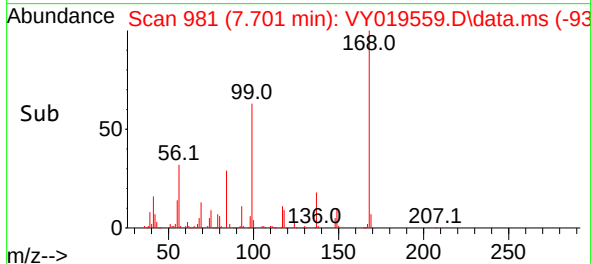


#31
Cyclohexane
Concen: 20.038 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Instrument :
MSVOA_Y
ClientSampleId :

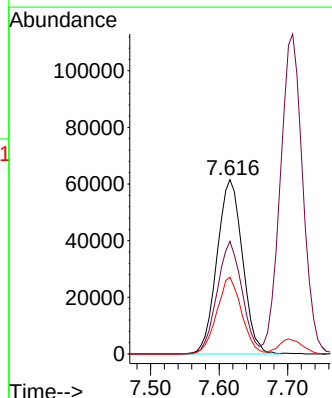
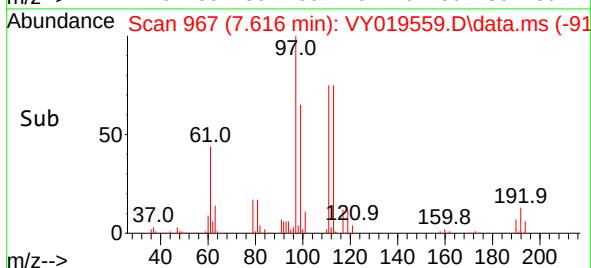
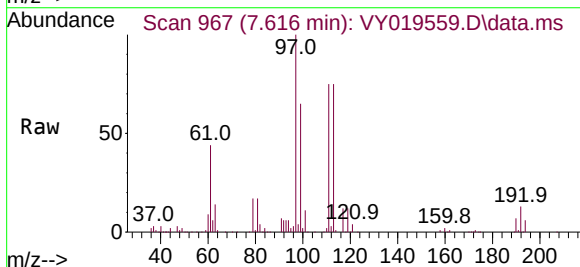


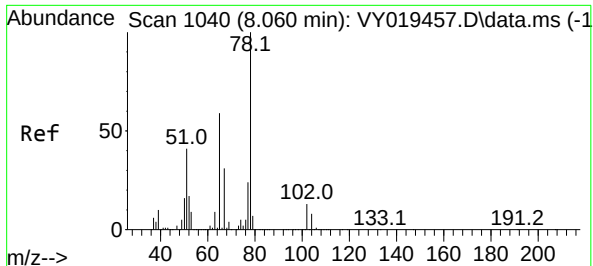
Tgt Ion: 56 Resp: 142121
Ion Ratio Lower Upper
56 100
69 40.2 28.7 43.1
84 91.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 22.125 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion: 97 Resp: 158859
Ion Ratio Lower Upper
97 100
99 63.2 50.3 75.5
61 42.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 47.900 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

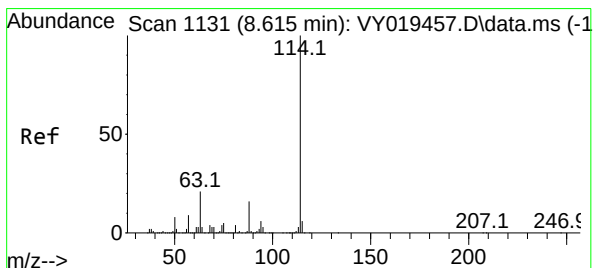
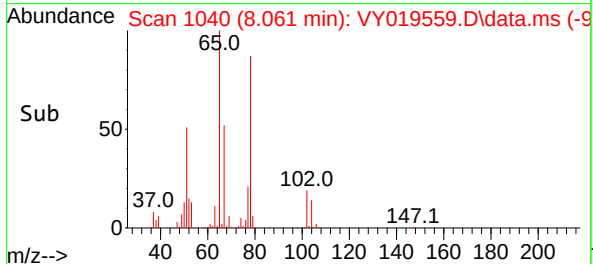
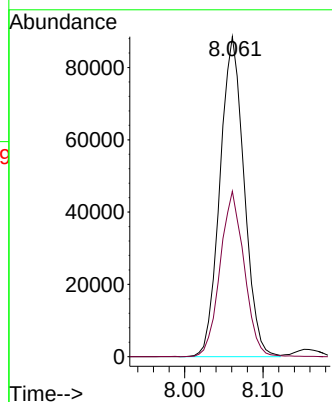
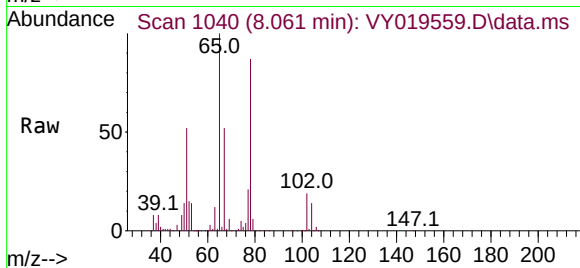
ClientSampleId :

Tgt Ion: 65 Resp: 189836

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

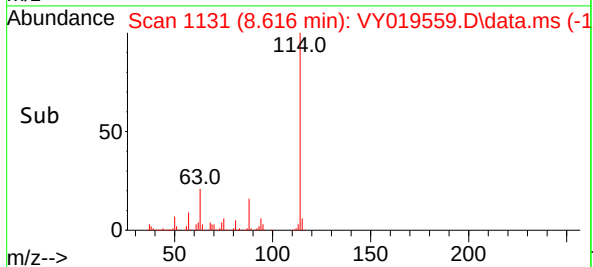
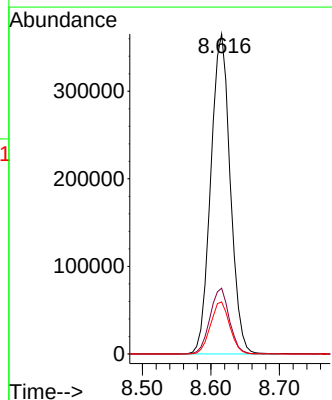
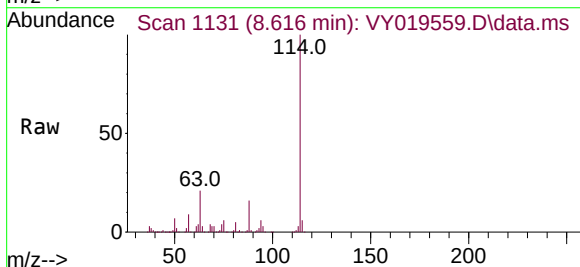
Tgt Ion: 114 Resp: 721476

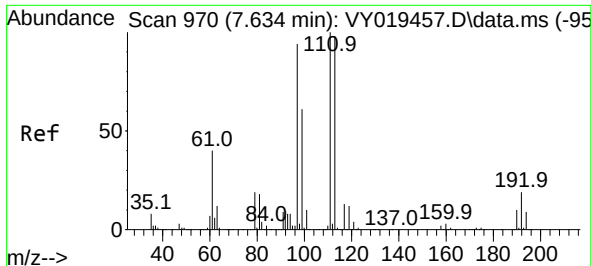
Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

88 16.2 0.0 27.2

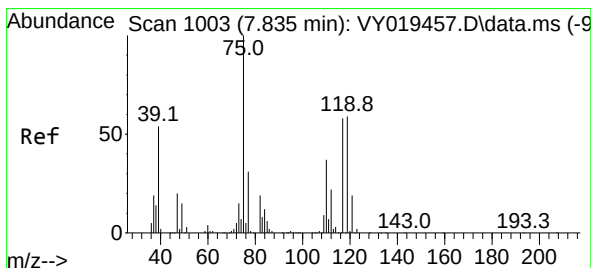
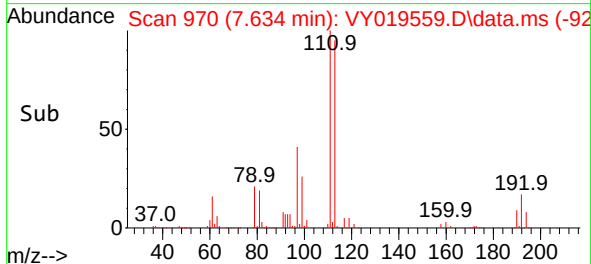
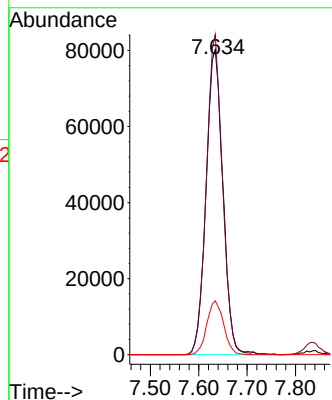
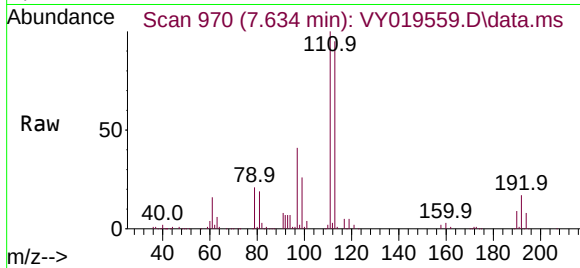




#35
Dibromofluoromethane
Concen: 47.316 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

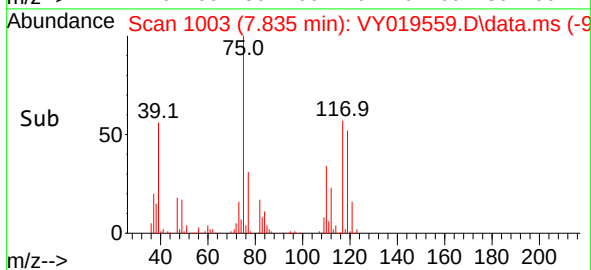
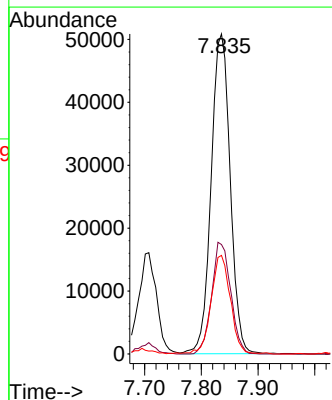
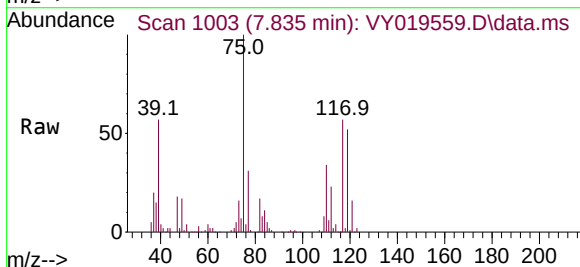
Instrument :
MSVOA_Y
ClientSampleId :

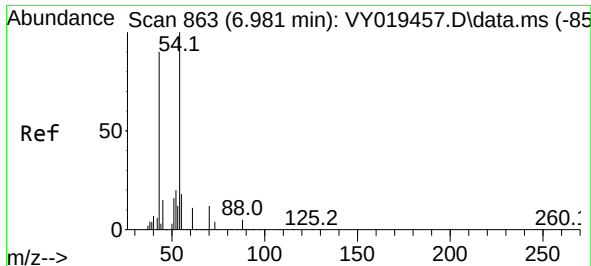
Tgt Ion:113 Resp: 193554
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 17.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 21.339 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion: 75 Resp: 118776
Ion Ratio Lower Upper
75 100
110 34.9 19.0 57.0
77 30.6 25.3 37.9





#37

Ethyl Acetate

Concen: 20.265 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

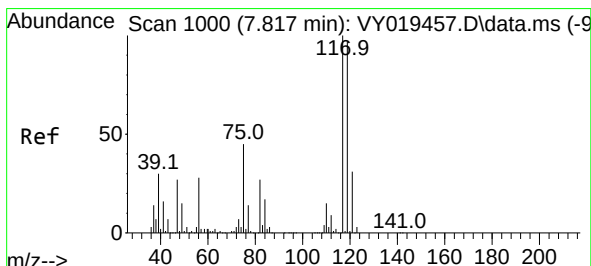
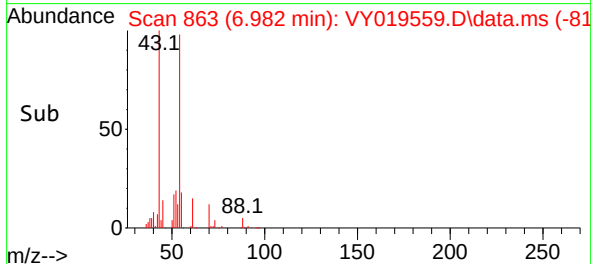
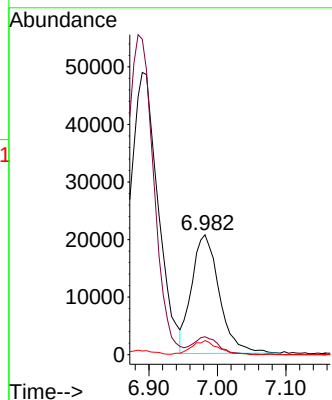
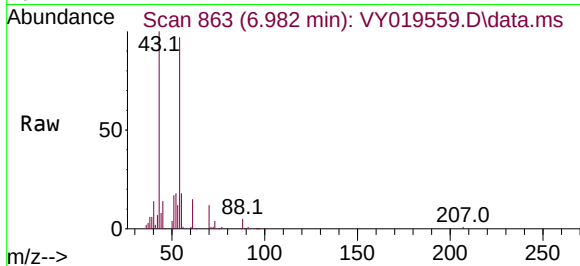
Tgt Ion: 43 Resp: 57794

Ion Ratio Lower Upper

43 100

61 14.3 12.6 19.0

70 11.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 21.869 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

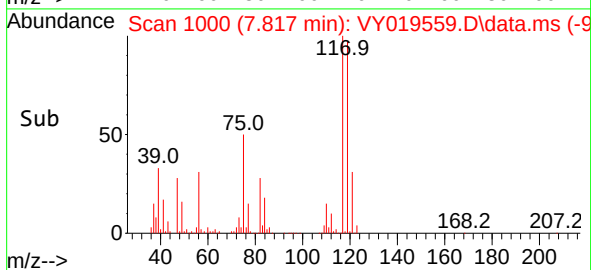
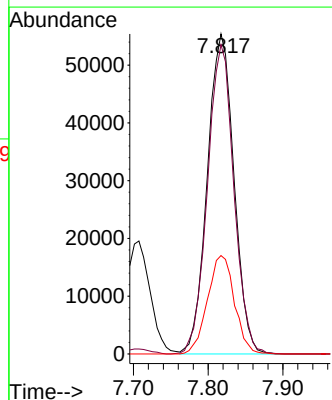
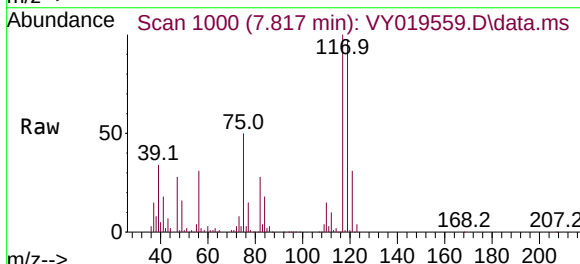
Tgt Ion: 117 Resp: 137271

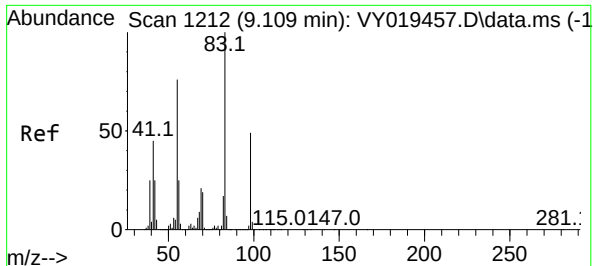
Ion Ratio Lower Upper

117 100

119 96.5 75.8 113.6

121 30.7 24.0 36.0





#39

Methylcyclohexane

Concen: 20.441 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

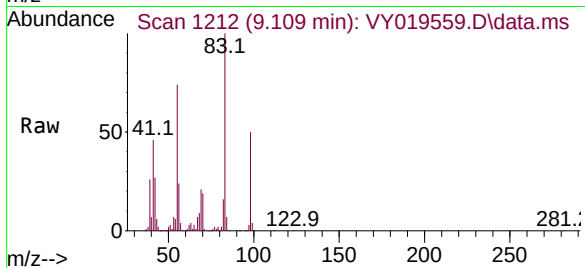
Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :



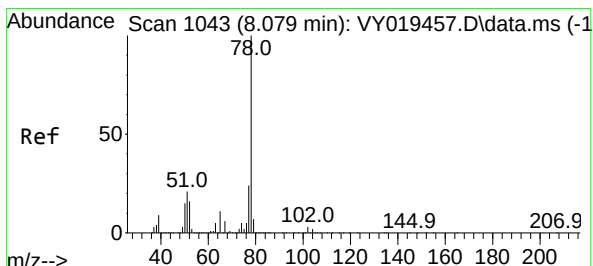
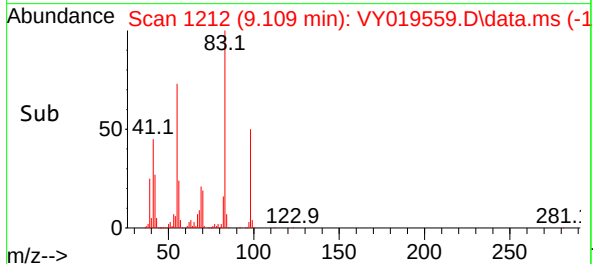
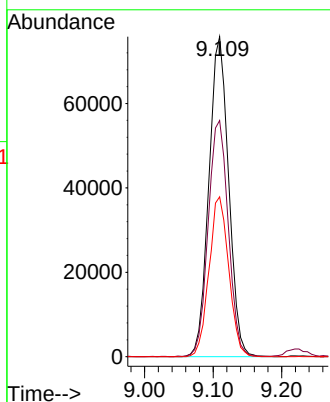
Tgt Ion: 83 Resp: 151417

Ion Ratio Lower Upper

83 100

55 73.6 51.5 77.3

98 49.9 40.5 60.7



#40

Benzene

Concen: 21.395 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019559.D

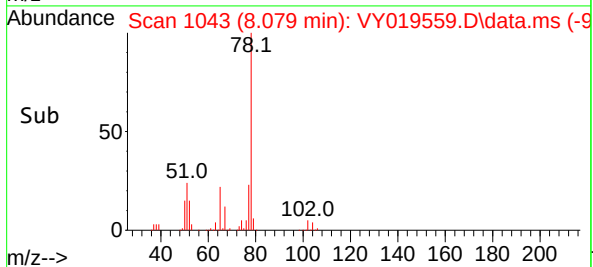
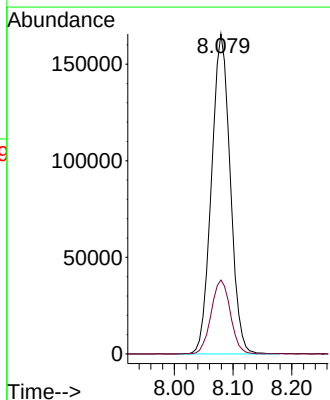
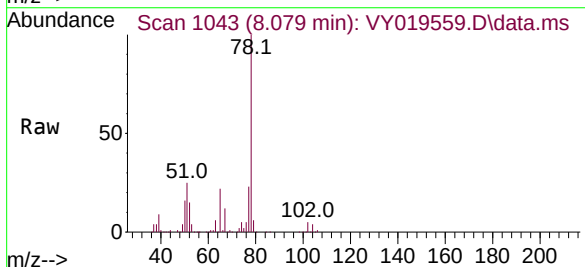
Acq: 16 Sep 2024 11:33

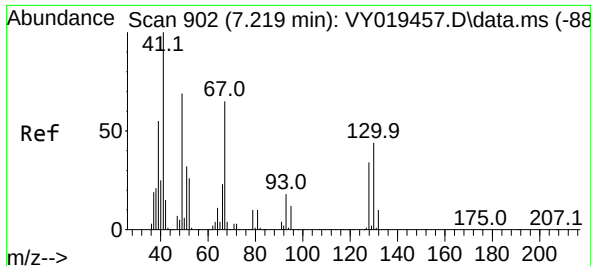
Tgt Ion: 78 Resp: 366793

Ion Ratio Lower Upper

78 100

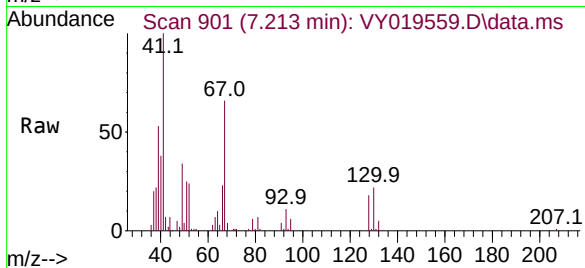
77 23.0 19.5 29.3



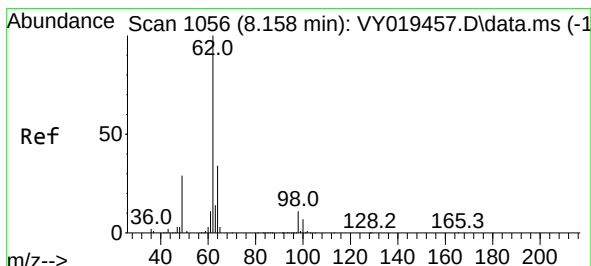
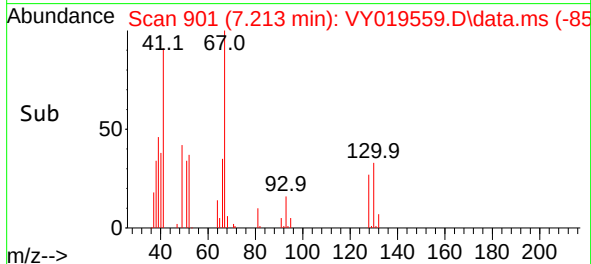
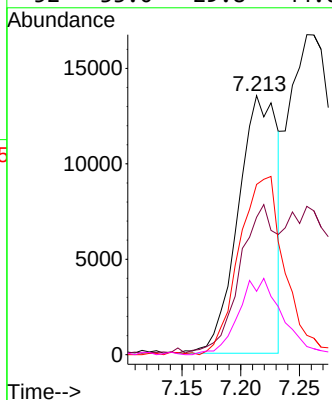


#41
Methacrylonitrile
Concen: 18.852 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Instrument :
MSVOA_Y
ClientSampleId :

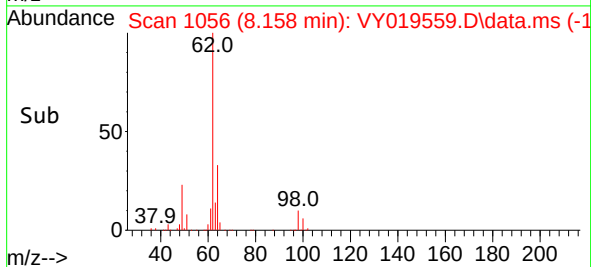
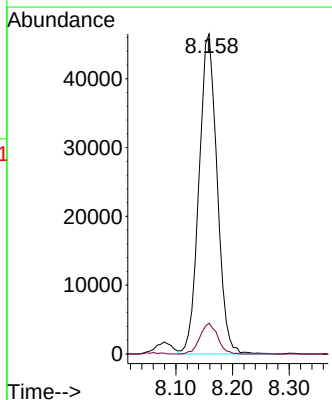
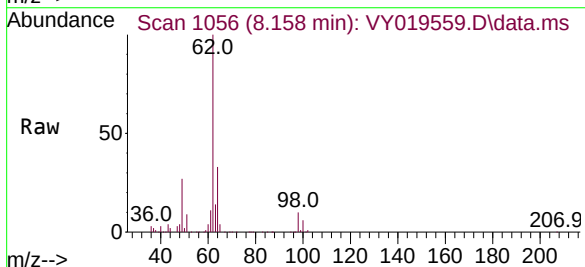


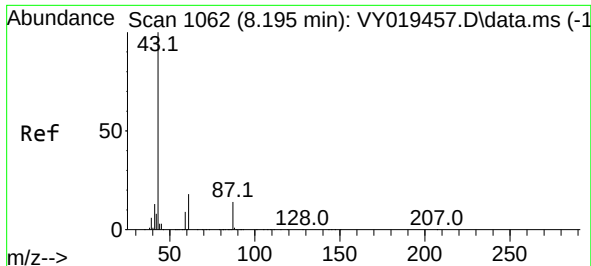
Tgt Ion:	41	Resp:	31341
Ion	Ratio	Lower	Upper
41	100		
39	53.9	48.0	72.0
67	81.3	75.1	112.7
52	33.0	29.8	44.6



#42
1,2-Dichloroethane
Concen: 22.357 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion:	62	Resp:	103139
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	22.0

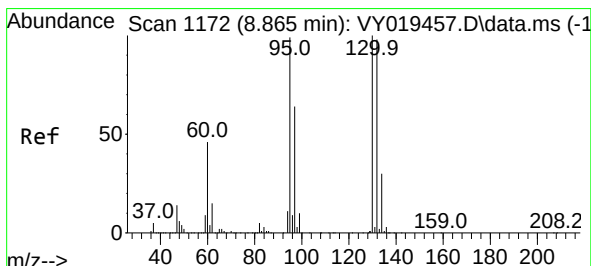
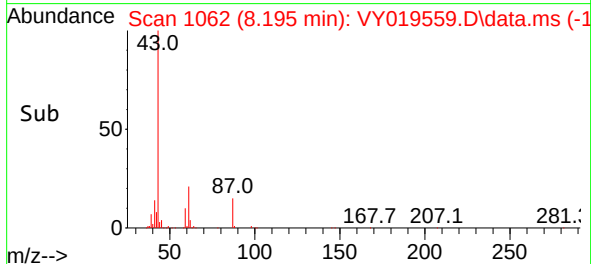
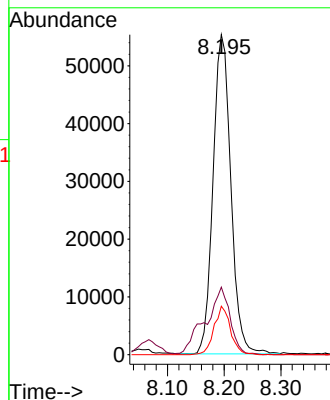
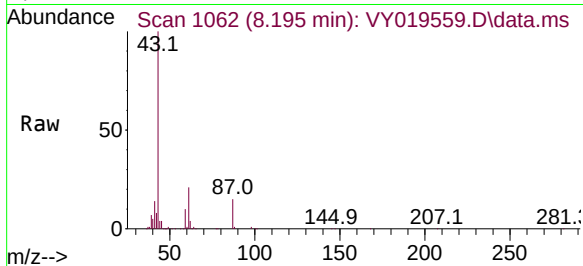




#43
Isopropyl Acetate
Concen: 20.134 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

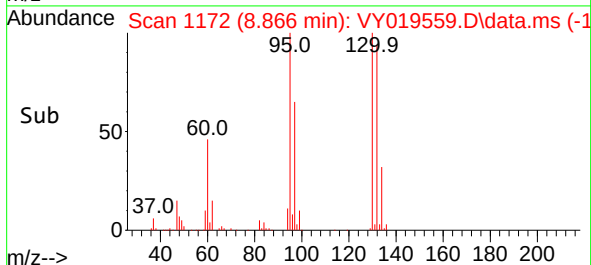
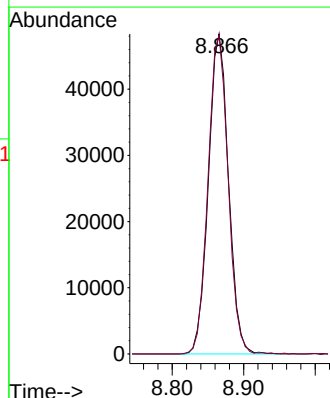
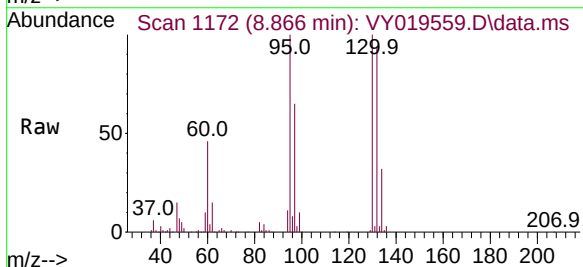
Instrument :
MSVOA_Y
ClientSampleId :

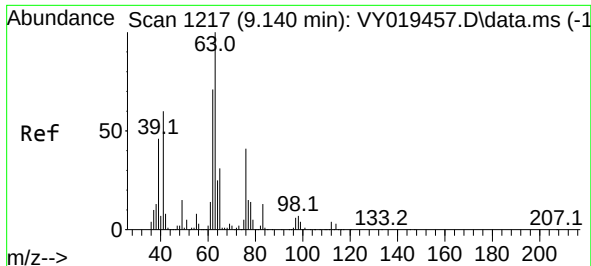
Tgt Ion: 43 Resp: 120636
Ion Ratio Lower Upper
43 100
61 29.5 27.9 41.9
87 14.0 13.1 19.7



#44
Trichloroethene
Concen: 21.392 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion:130 Resp: 94320
Ion Ratio Lower Upper
130 100
95 99.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.250 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

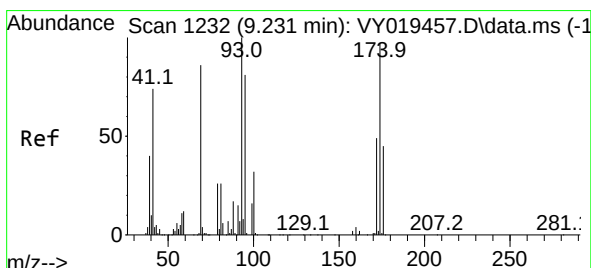
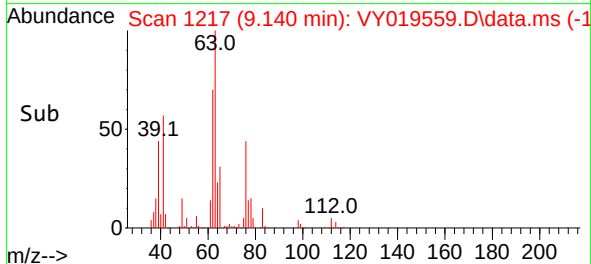
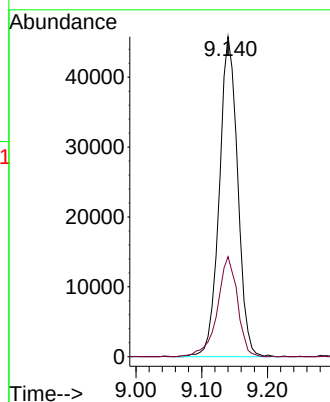
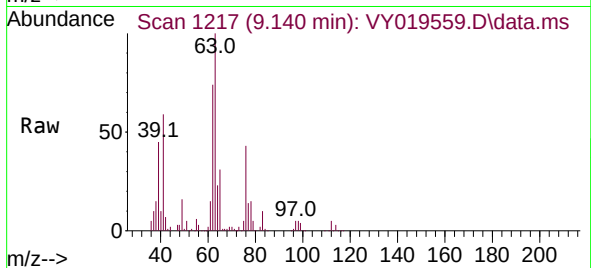
ClientSampleId :

Tgt Ion: 63 Resp: 89065

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.2



#46

Dibromomethane

Concen: 21.815 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

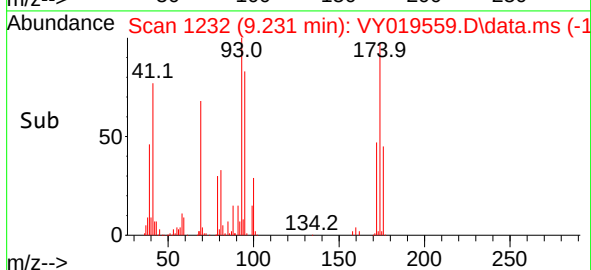
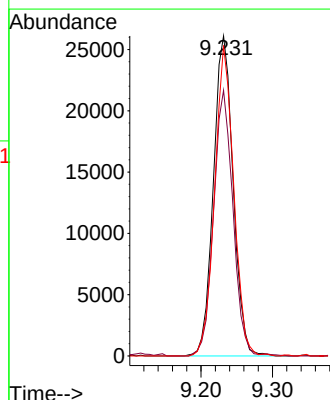
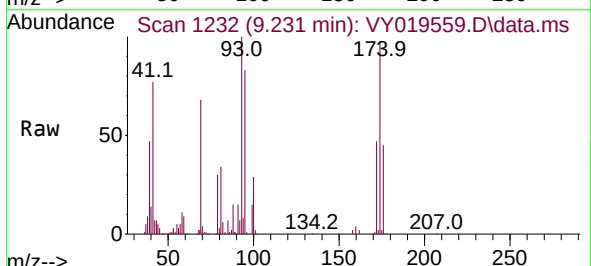
Tgt Ion: 93 Resp: 50001

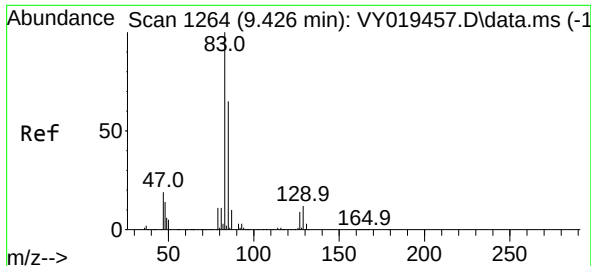
Ion Ratio Lower Upper

93 100

95 81.7 66.2 99.4

174 93.7 80.9 121.3





#47

Bromodichloromethane

Concen: 22.069 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

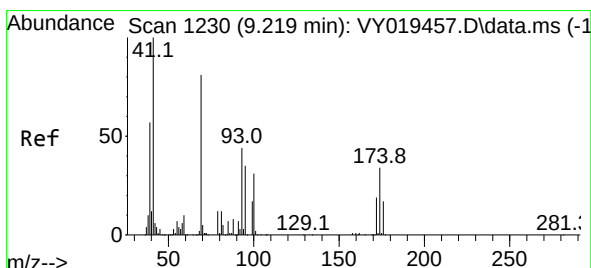
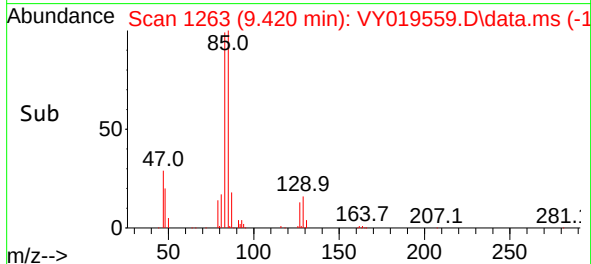
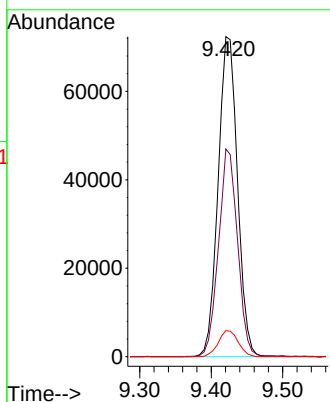
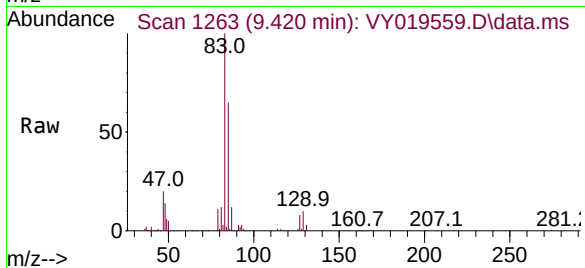
Tgt Ion: 83 Resp: 135971

Ion Ratio Lower Upper

83 100

85 64.9 50.1 75.1

127 8.2 7.4 11.0



#48

Methyl methacrylate

Concen: 19.369 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

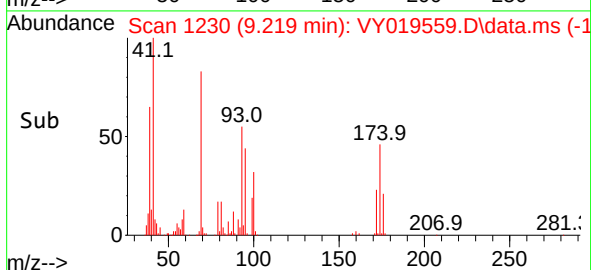
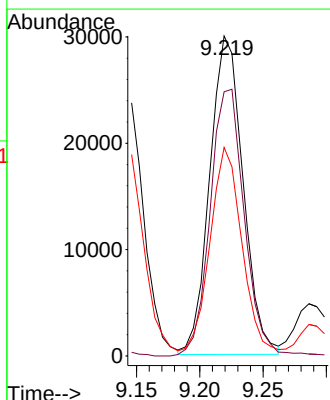
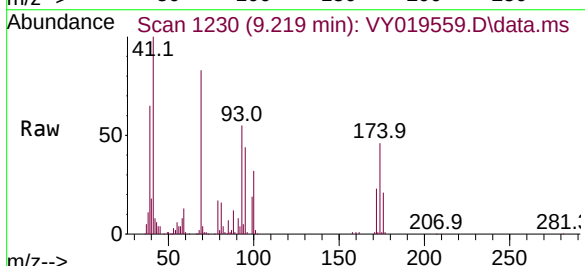
Tgt Ion: 41 Resp: 54805

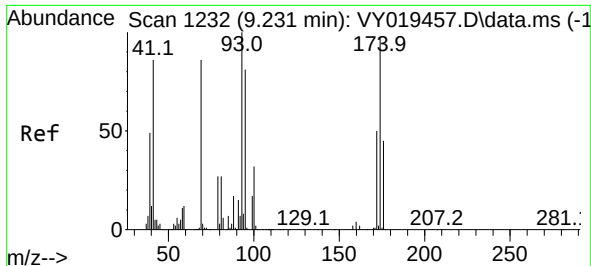
Ion Ratio Lower Upper

41 100

69 86.2 84.1 126.1

39 60.4 43.6 65.4





#49

1,4-Dioxane

Concen: 400.488 ug/l

RT: 9.238 min Scan# 1

Delta R.T. 0.007 min

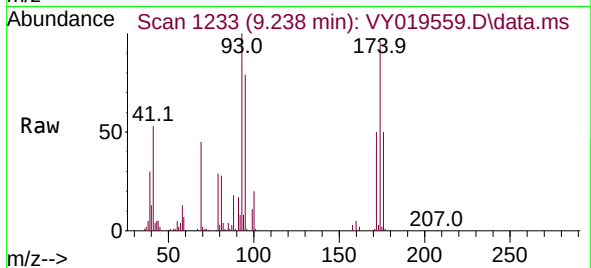
Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :



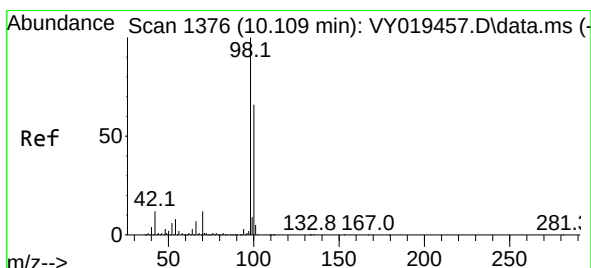
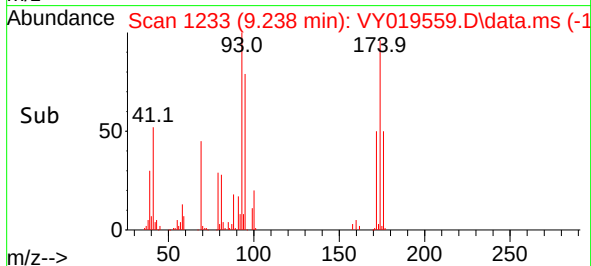
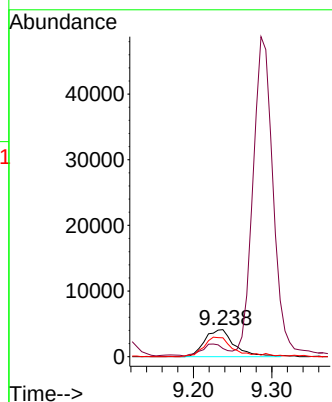
Tgt Ion: 88 Resp: 10806

Ion Ratio Lower Upper

88 100

43 35.2 0.0 0.0#

58 73.7 49.3 73.9



#50

Toluene-d8

Concen: 46.828 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019559.D

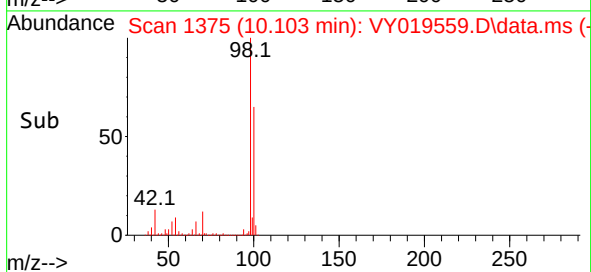
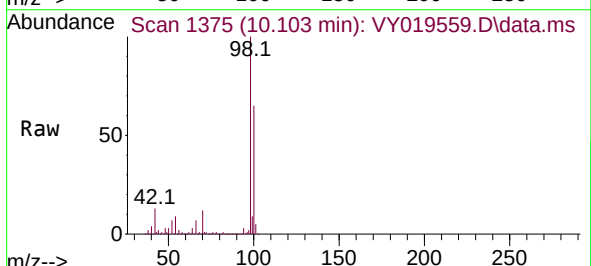
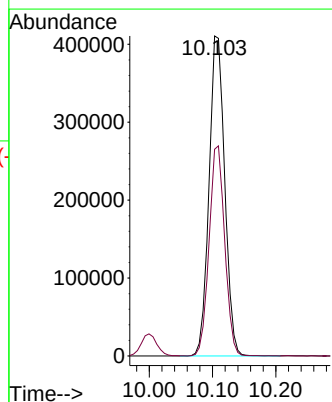
Acq: 16 Sep 2024 11:33

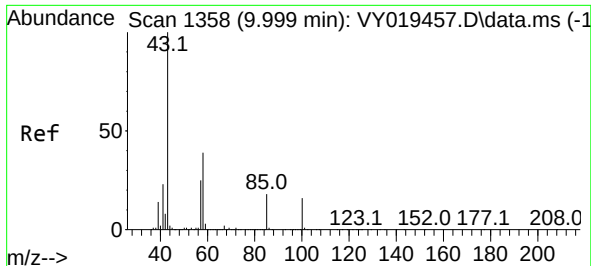
Tgt Ion: 98 Resp: 708521

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 99.407 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

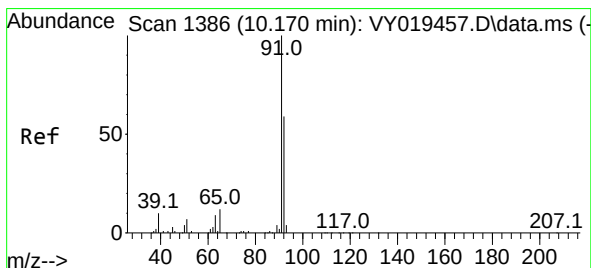
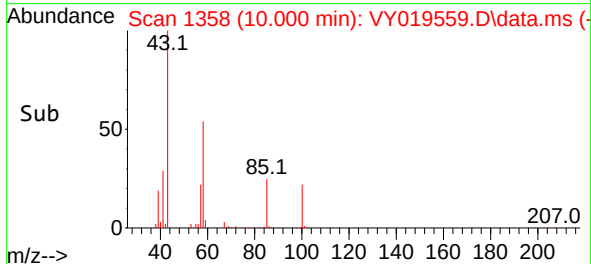
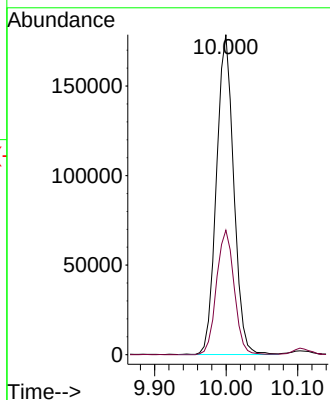
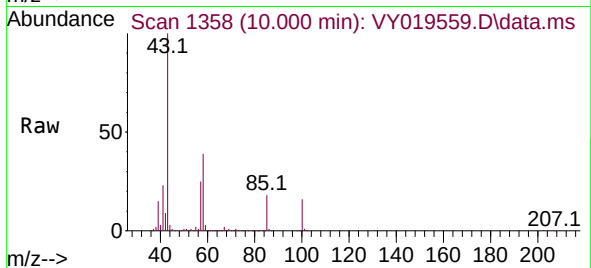
ClientSampleId :

Tgt Ion: 43 Resp: 299654

Ion Ratio Lower Upper

43 100

58 39.8 35.7 53.5



#52

Toluene

Concen: 21.408 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019559.D

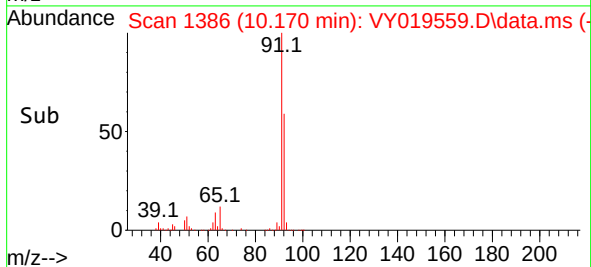
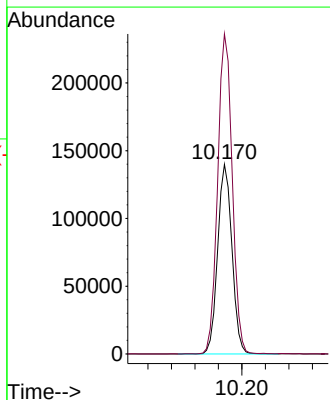
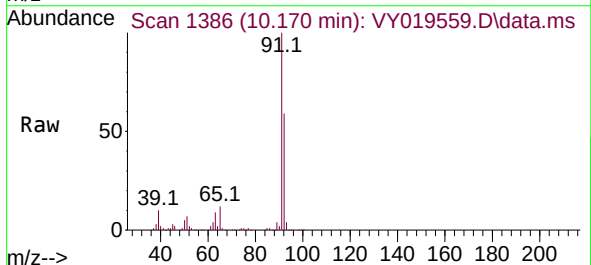
Acq: 16 Sep 2024 11:33

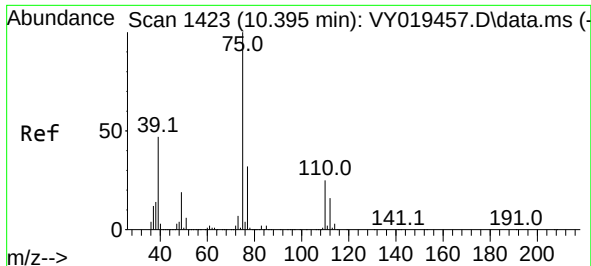
Tgt Ion: 92 Resp: 236043

Ion Ratio Lower Upper

92 100

91 172.2 139.0 208.6

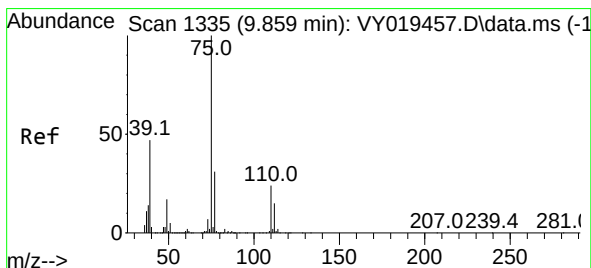
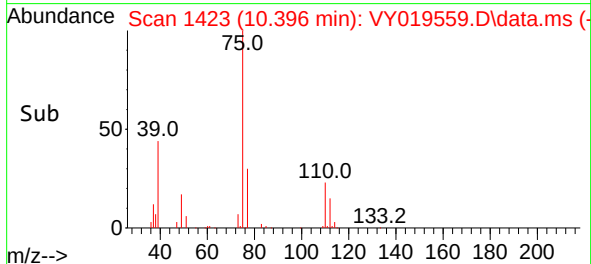
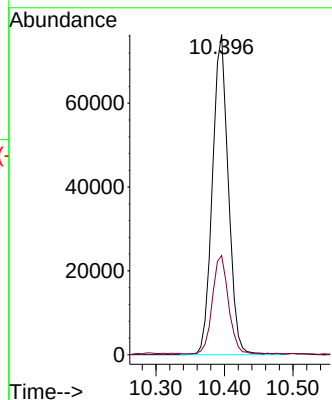
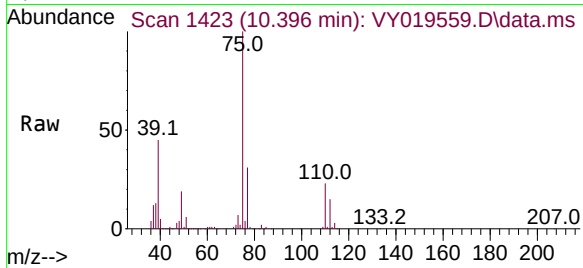




#53
t-1,3-Dichloropropene
Concen: 20.941 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

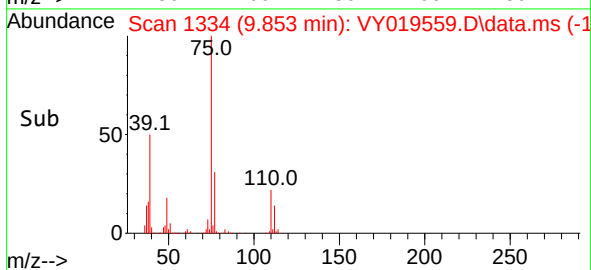
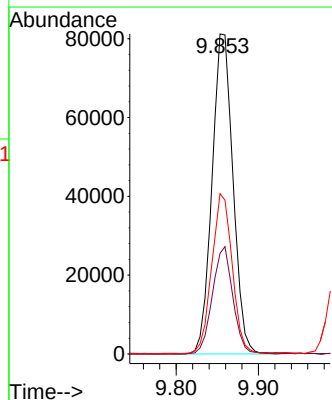
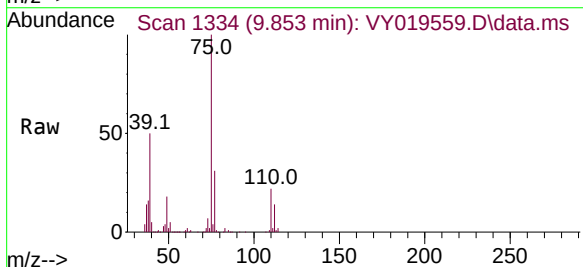
Instrument :
MSVOA_Y
ClientSampleId :

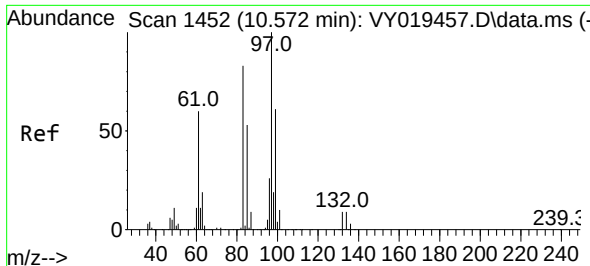
Tgt Ion: 75 Resp: 122988
Ion Ratio Lower Upper
75 100
77 30.6 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 21.071 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion: 75 Resp: 144103
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 49.9 29.8 44.6#

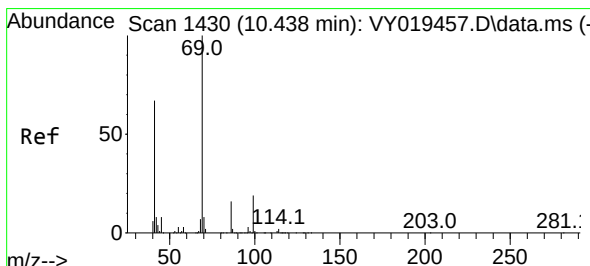
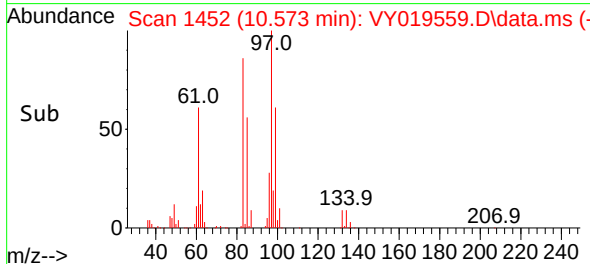
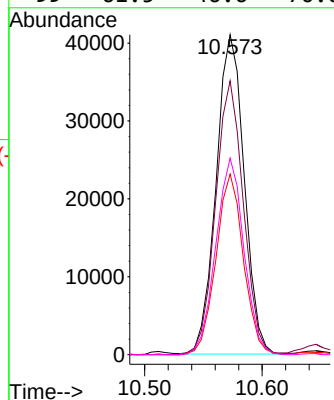
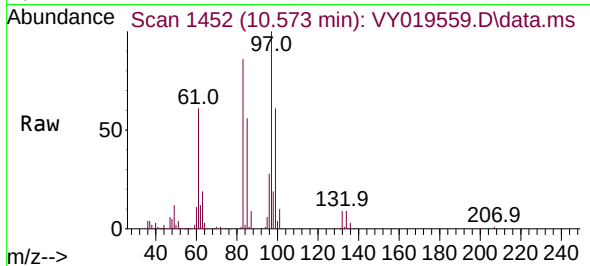




#55
1,1,2-Trichloroethane
Concen: 21.468 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

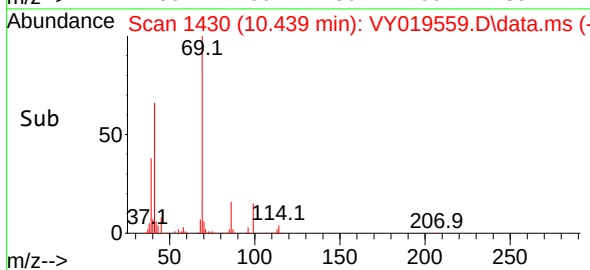
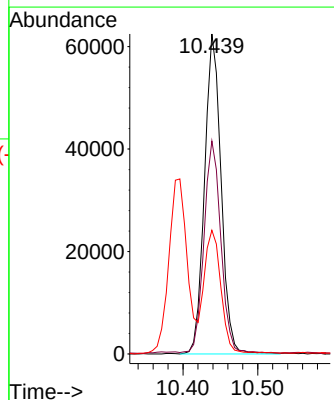
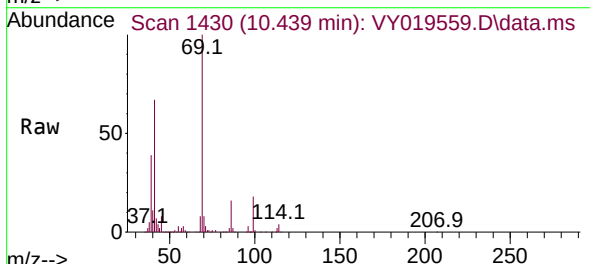
Instrument :
MSVOA_Y
ClientSampleId :

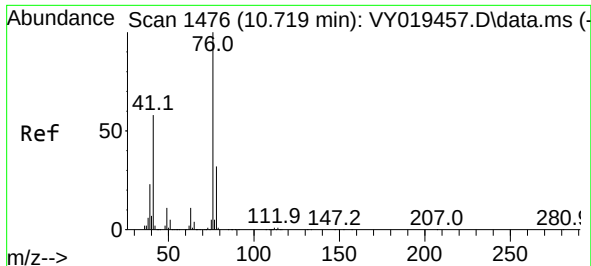
Tgt Ion: 97	Resp: 67949
Ion Ratio	Lower Upper
97 100	
83 85.8	67.5 101.3
85 56.6	42.9 64.3
99 61.5	46.6 70.0



#56
Ethyl methacrylate
Concen: 20.009 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion: 69	Resp: 96206
Ion Ratio	Lower Upper
69 100	
41 67.3	42.3 63.5#
39 38.4	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 21.322 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

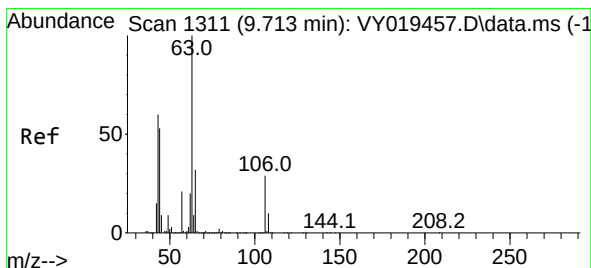
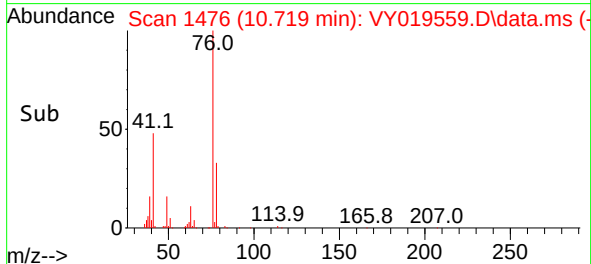
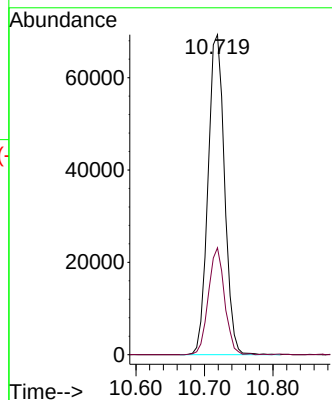
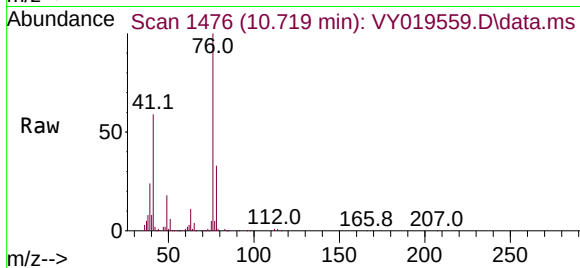
ClientSampleId :

Tgt Ion: 76 Resp: 116008

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 87.269 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019559.D

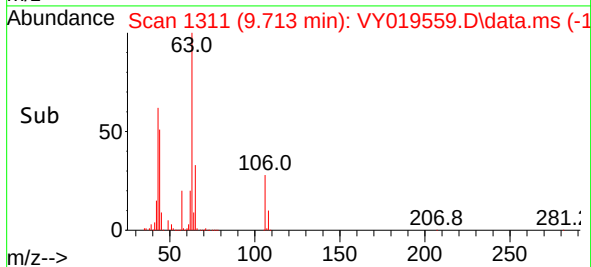
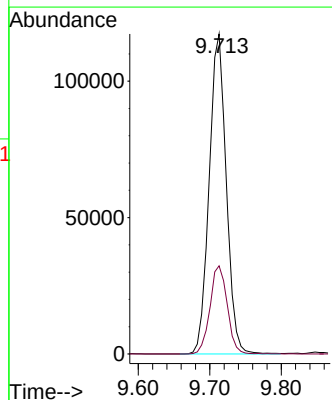
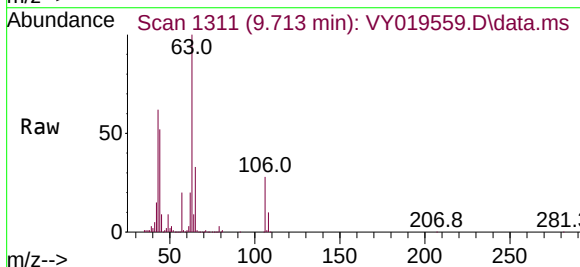
Acq: 16 Sep 2024 11:33

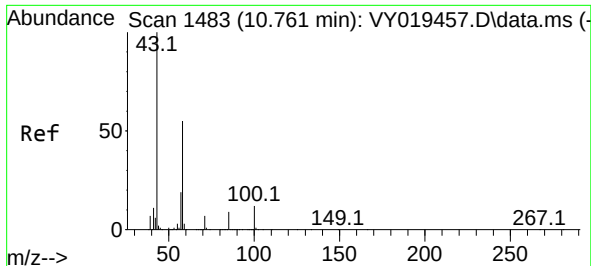
Tgt Ion: 63 Resp: 194748

Ion Ratio Lower Upper

63 100

106 27.8 23.7 35.5

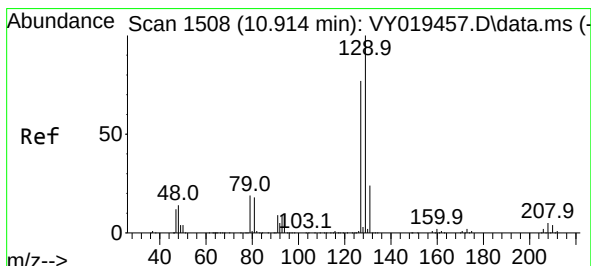
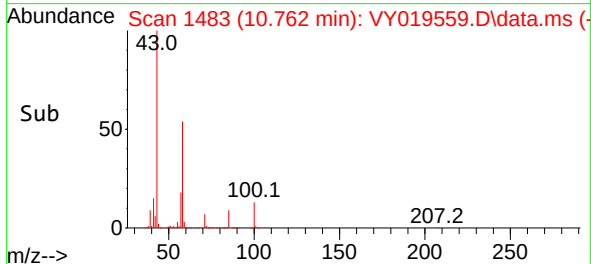
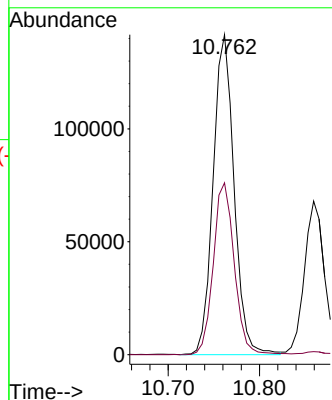
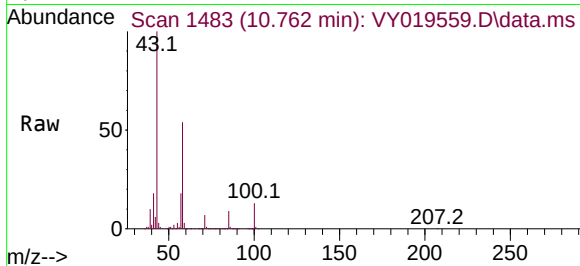




#59
2-Hexanone
Concen: 102.137 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

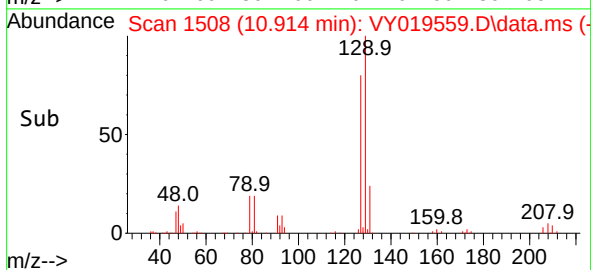
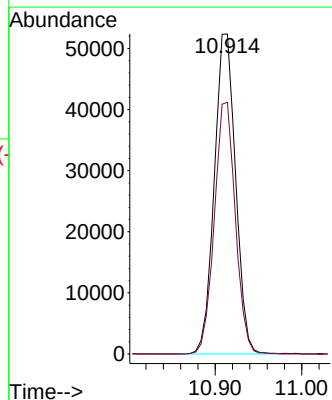
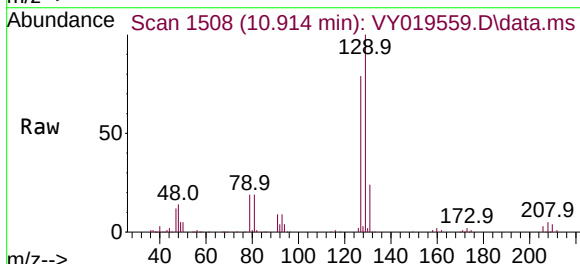
Instrument :
MSVOA_Y
ClientSampleId :

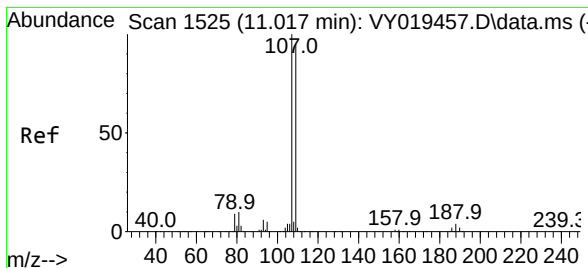
Tgt Ion: 43 Resp: 225718
Ion Ratio Lower Upper
43 100
58 53.8 31.4 94.0



#60
Dibromochloromethane
Concen: 21.367 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion: 129 Resp: 89463
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

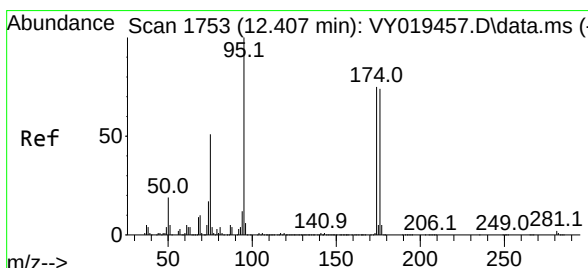
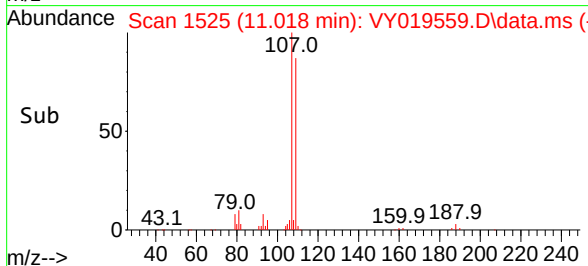
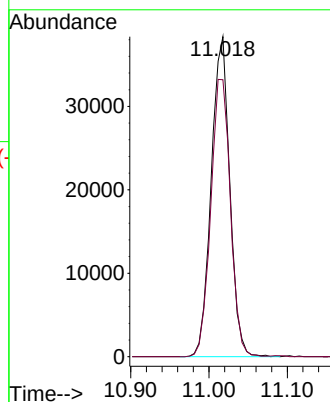
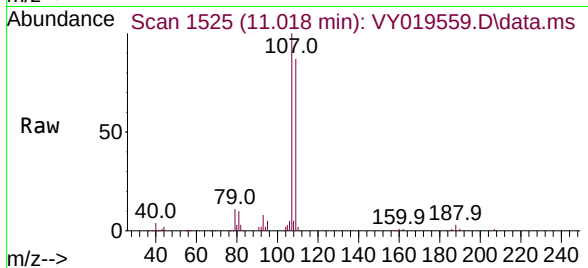




#61
1,2-Dibromoethane
Concen: 21.359 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

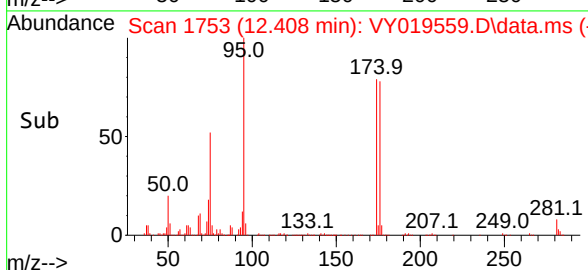
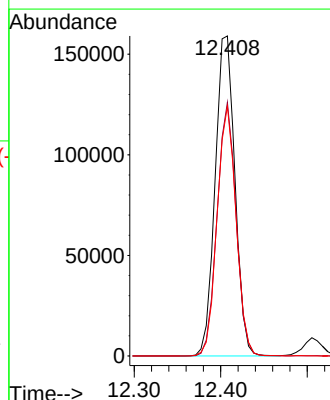
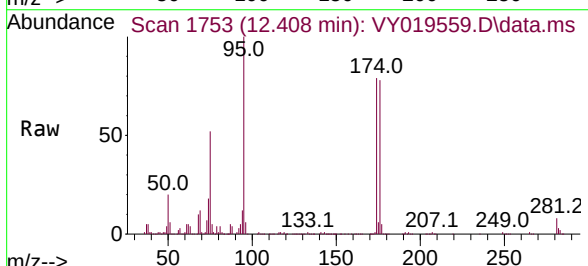
Instrument :
MSVOA_Y
ClientSampleId :

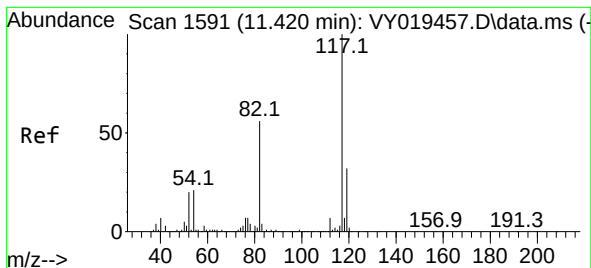
Tgt Ion:107 Resp: 62992
Ion Ratio Lower Upper
107 100
109 91.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 43.465 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion: 95 Resp: 252866
Ion Ratio Lower Upper
95 100
174 75.6 0.0 175.6
176 74.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

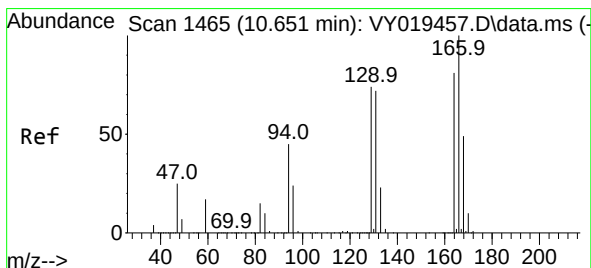
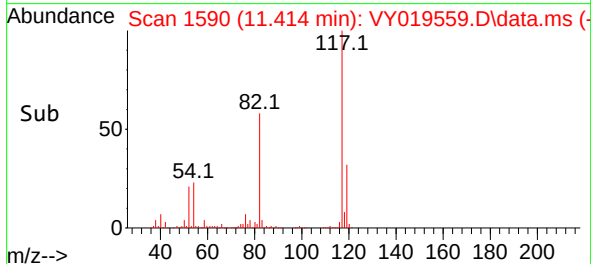
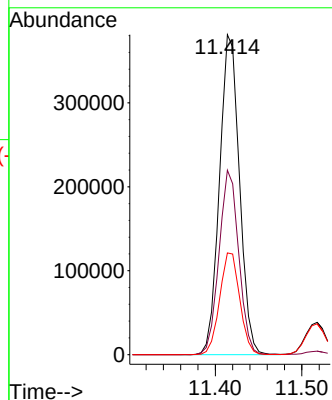
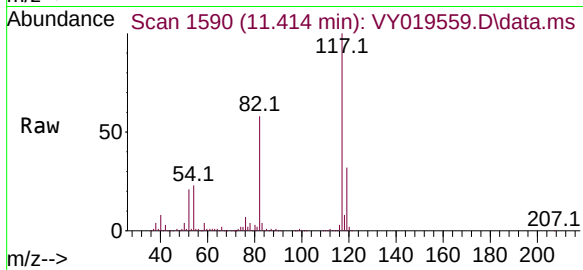
Tgt Ion:117 Resp: 610175

Ion Ratio Lower Upper

117 100

82 57.7 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 21.097 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Tgt Ion:164 Resp: 79715

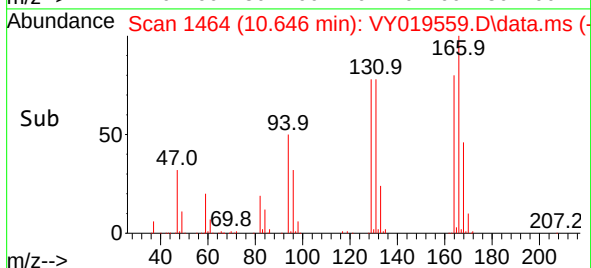
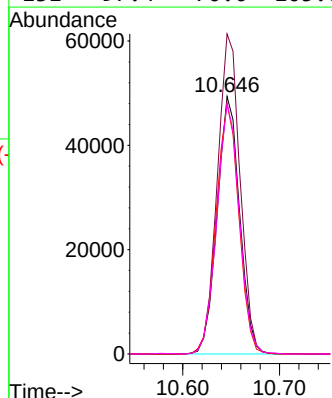
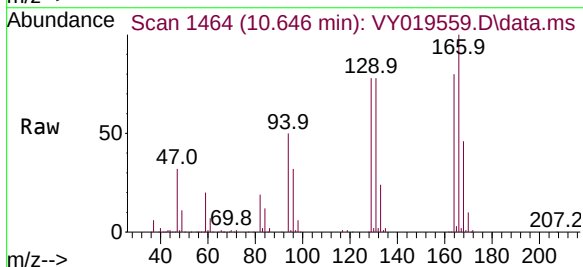
Ion Ratio Lower Upper

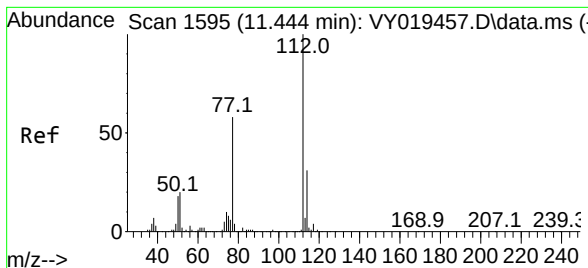
164 100

166 124.3 102.6 154.0

129 97.2 72.0 108.0

131 97.4 70.0 105.0





#65

Chlorobenzene

Concen: 21.972 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

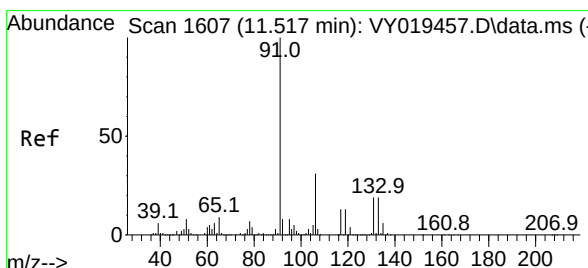
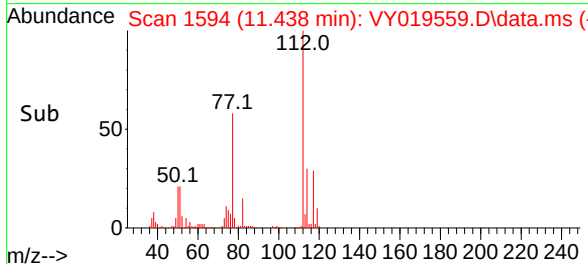
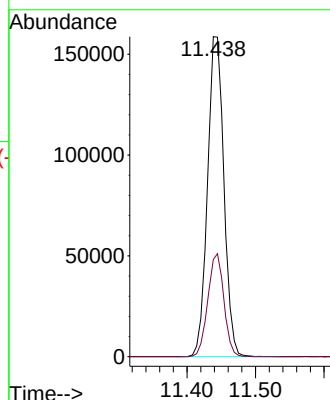
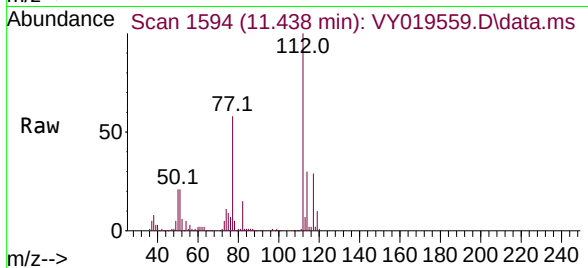
ClientSampleId :

Tgt Ion:112 Resp: 263715

Ion Ratio Lower Upper

112 100

114 30.3 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.712 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

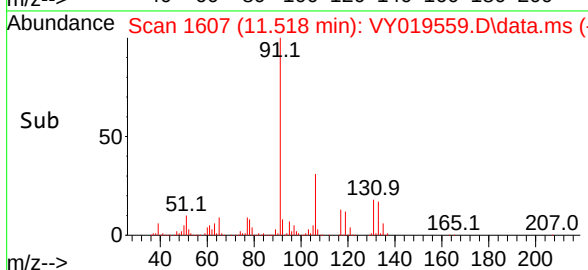
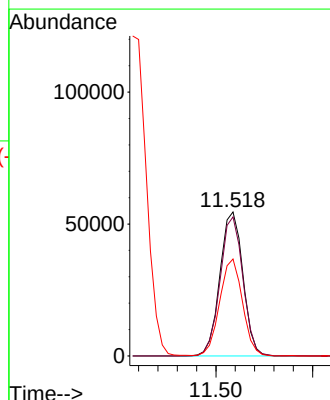
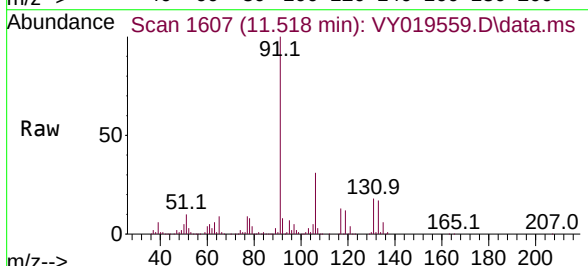
Tgt Ion:131 Resp: 90230

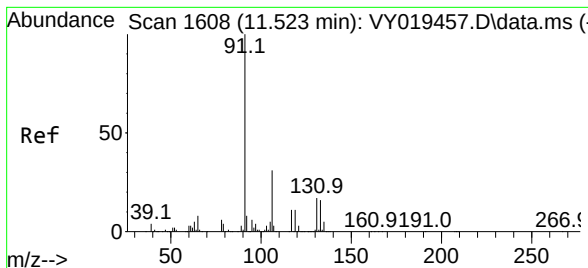
Ion Ratio Lower Upper

131 100

133 95.6 47.8 143.3

119 66.7 34.1 102.2





#67

Ethyl Benzene

Concen: 21.749 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

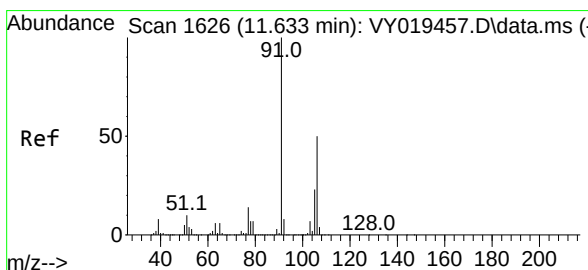
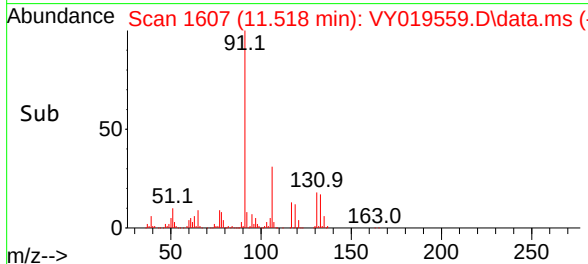
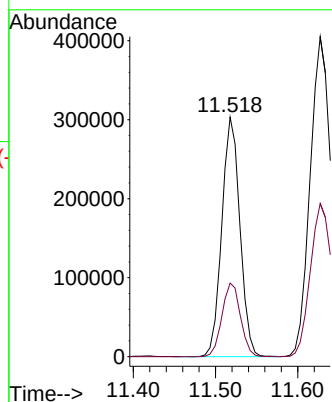
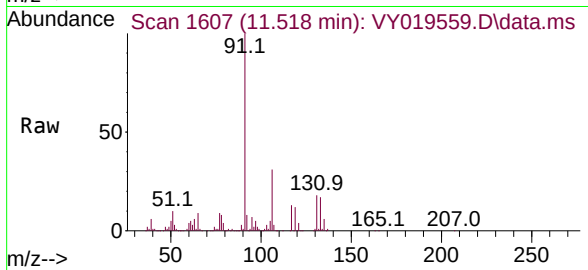
ClientSampleId :

Tgt Ion: 91 Resp: 463836

Ion Ratio Lower Upper

91 100

106 30.7 24.5 36.7



#68

m/p-Xylenes

Concen: 43.335 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019559.D

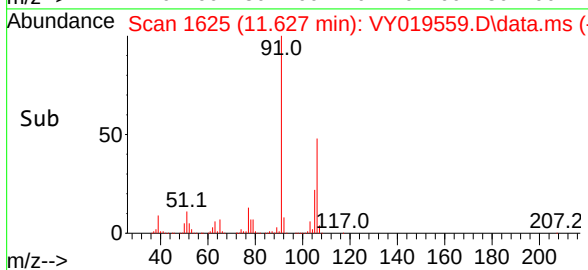
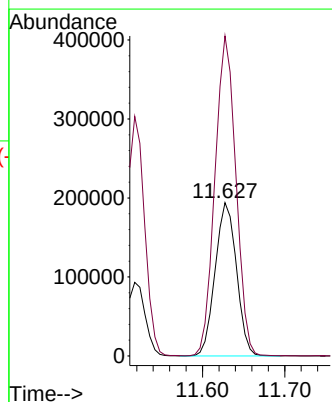
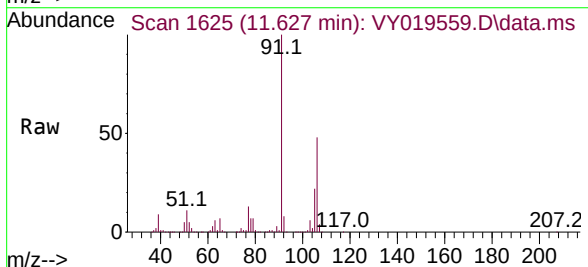
Acq: 16 Sep 2024 11:33

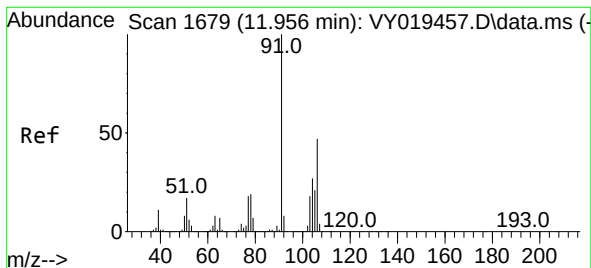
Tgt Ion:106 Resp: 349451

Ion Ratio Lower Upper

106 100

91 205.8 156.0 234.0





#69

o-Xylene

Concen: 21.580 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

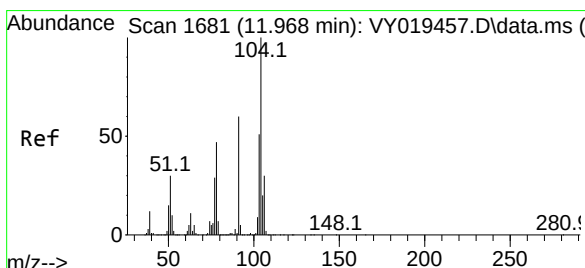
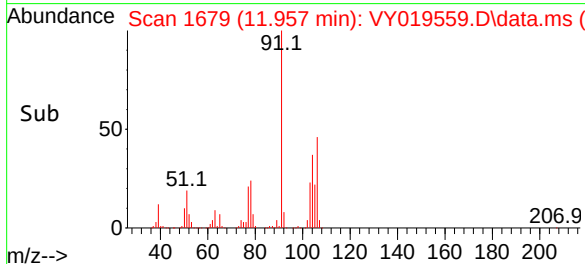
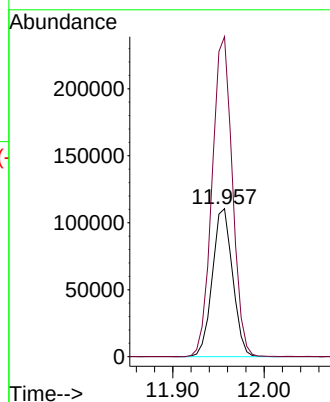
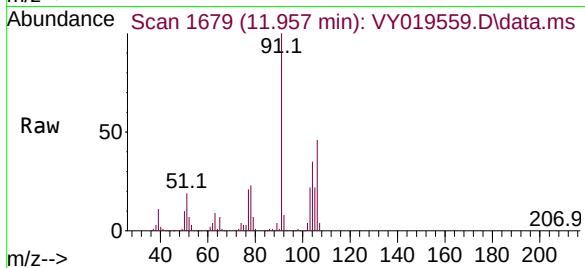
ClientSampleId :

Tgt Ion:106 Resp: 170187

Ion Ratio Lower Upper

106 100

91 216.4 103.6 310.8



#70

Styrene

Concen: 21.433 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

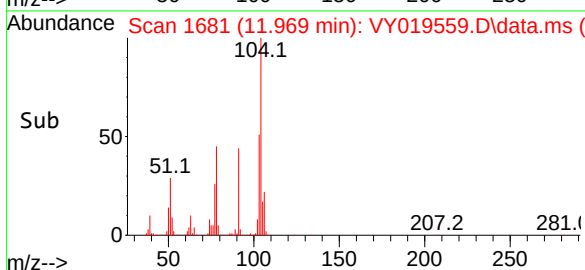
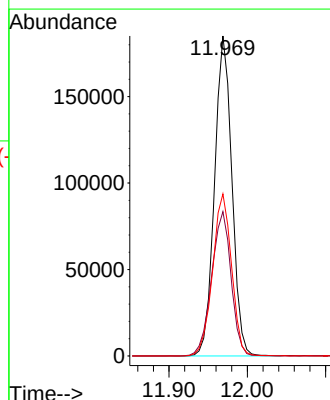
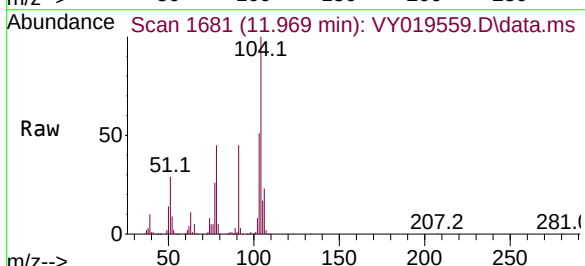
Tgt Ion:104 Resp: 285385

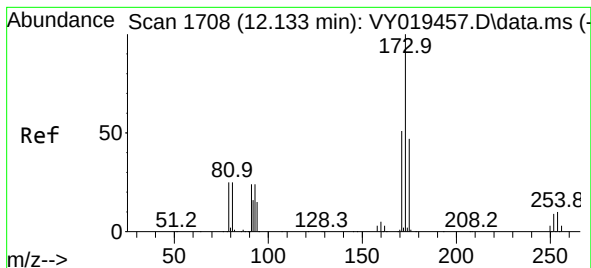
Ion Ratio Lower Upper

104 100

78 50.6 37.0 55.4

103 55.1 44.2 66.2





#71

Bromoform

Concen: 21.013 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019559.D

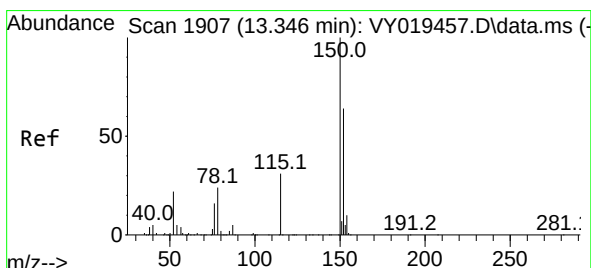
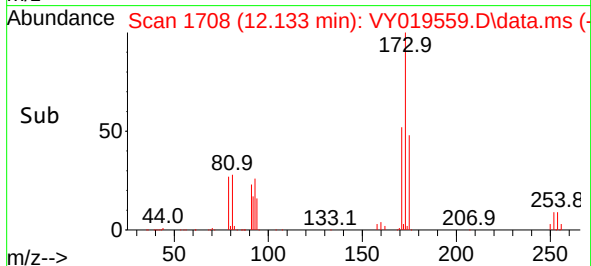
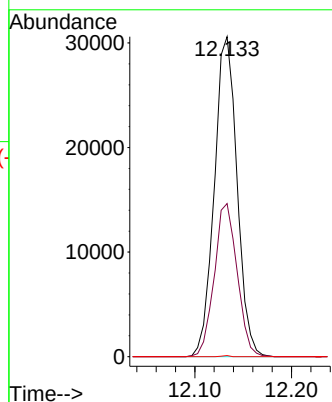
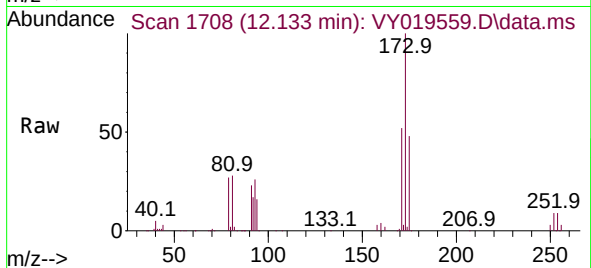
Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	49876
Ion Ratio	Lower	Upper
173	100	
175	48.2	25.1 75.3
254	0.1	0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

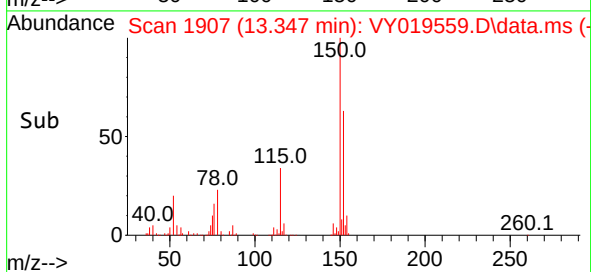
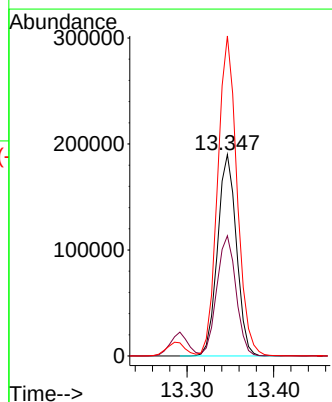
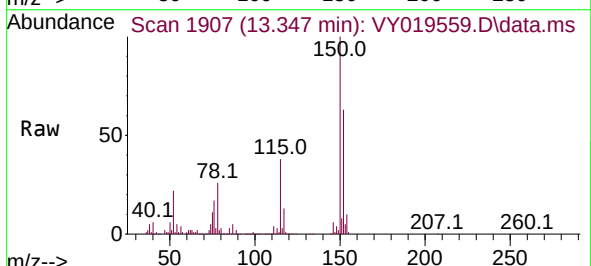
RT: 13.347 min Scan# 1907

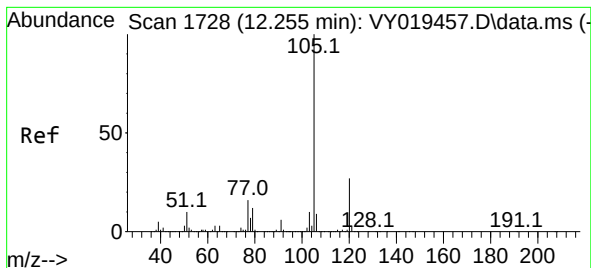
Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Tgt Ion:152	Resp:	287271
Ion Ratio	Lower	Upper
152	100	
115	60.7	28.2 84.7
150	162.9	0.0 345.6





#73

Isopropylbenzene

Concen: 21.896 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

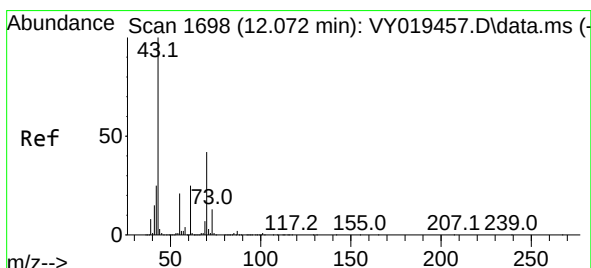
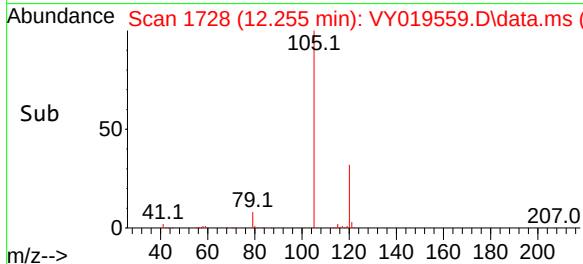
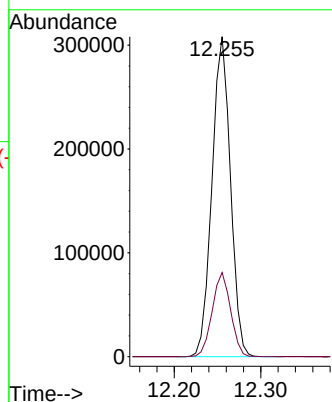
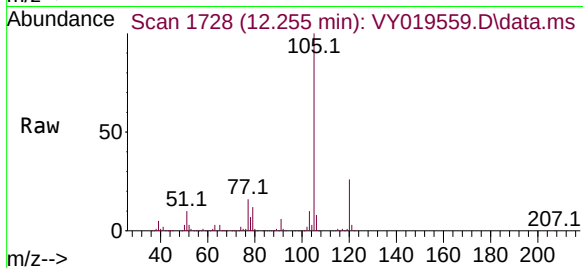
ClientSampleId :

Tgt Ion:105 Resp: 456327

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1



#74

N-ethyl acetate

Concen: 20.085 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Tgt Ion: 43 Resp: 113840

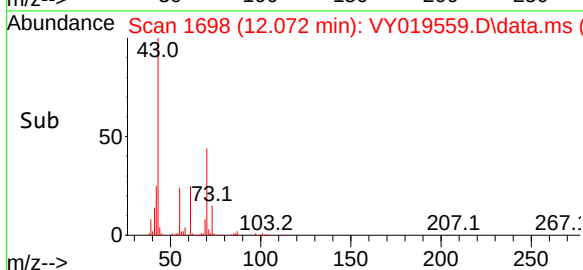
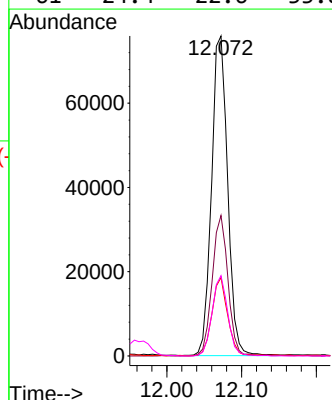
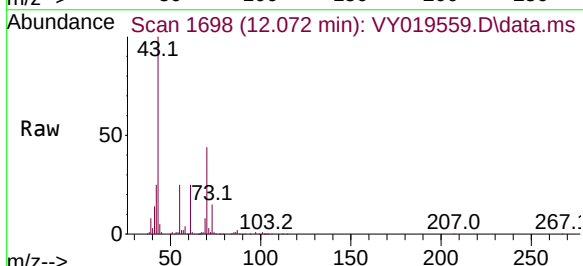
Ion Ratio Lower Upper

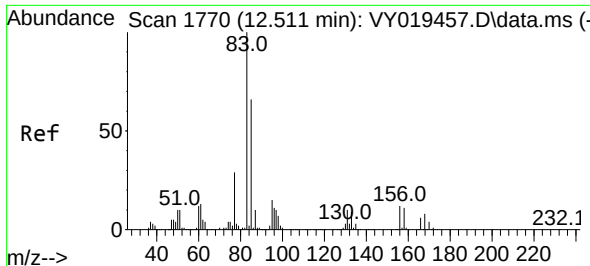
43 100

70 43.0 41.4 62.2

55 24.0 23.3 34.9

61 24.4 22.6 33.8

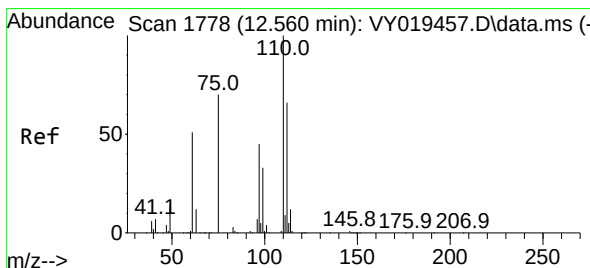
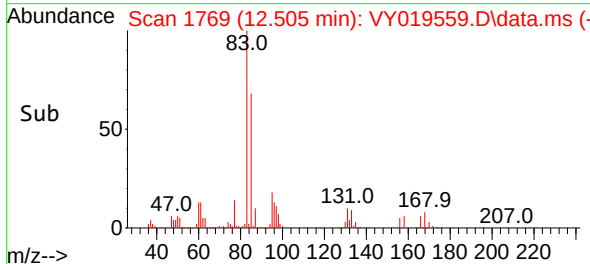
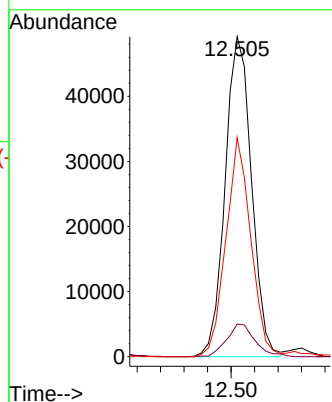
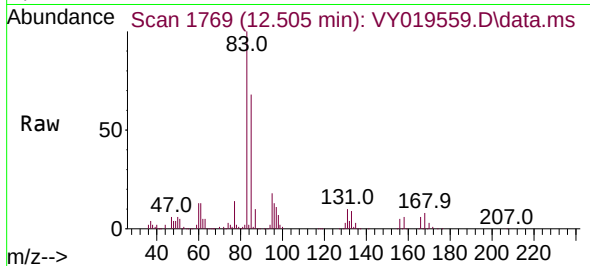




#75
1,1,2,2-Tetrachloroethane
Concen: 20.736 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

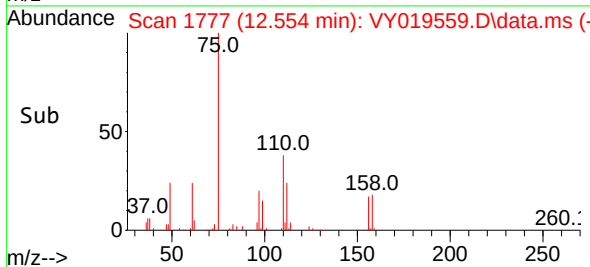
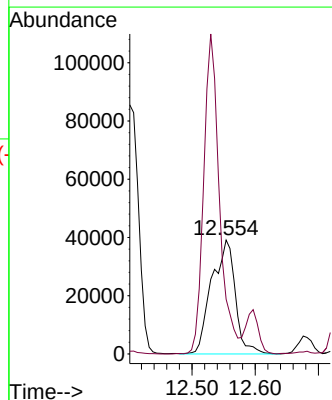
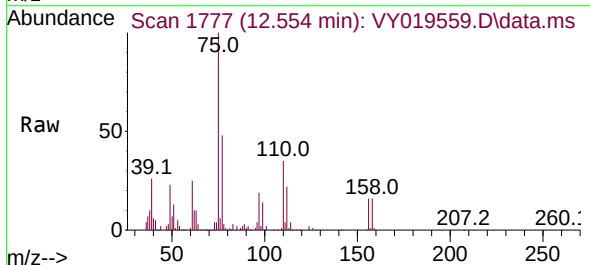
Instrument :
MSVOA_Y
ClientSampleId :

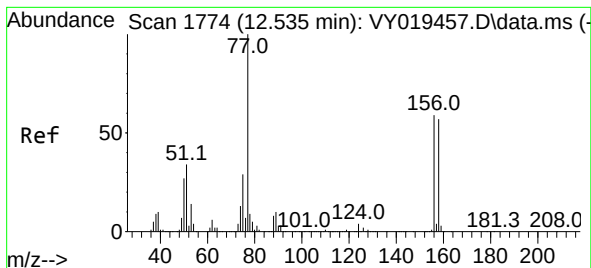
Tgt Ion: 83 Resp: 76705
Ion Ratio Lower Upper
83 100
131 11.0 5.0 14.9
85 64.7 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 37.735 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion: 75 Resp: 101604
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.058 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019559.D

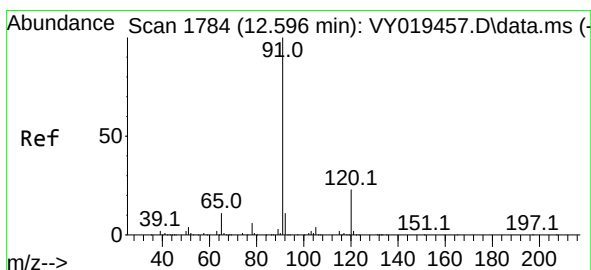
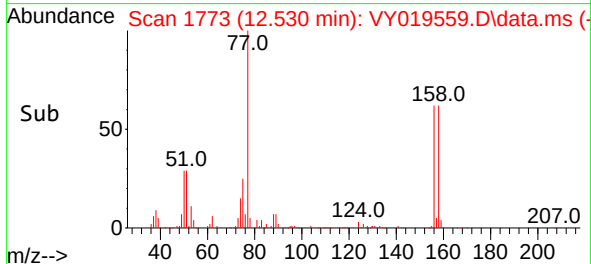
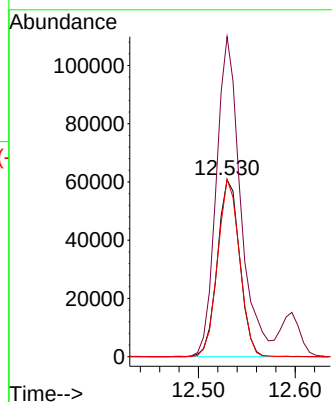
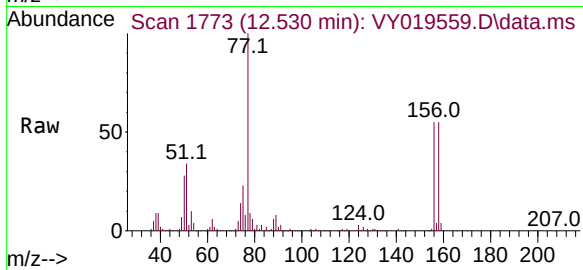
Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	97335
Ion	Ratio	Lower	Upper
156	100		
77	195.6	87.1	261.3
158	98.6	48.6	145.9



#78

n-propylbenzene

Concen: 22.038 ug/l

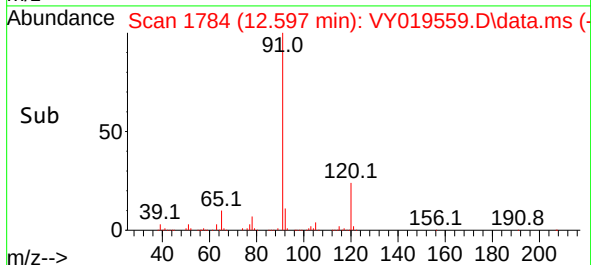
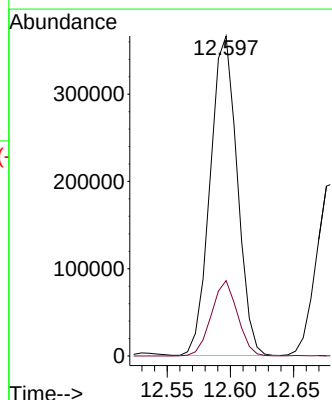
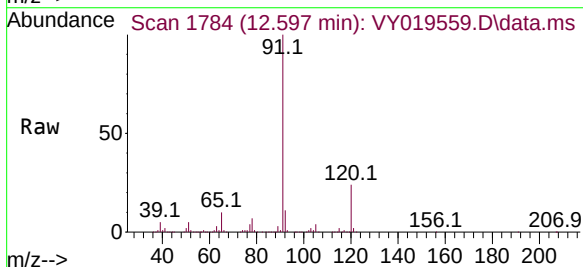
RT: 12.597 min Scan# 1784

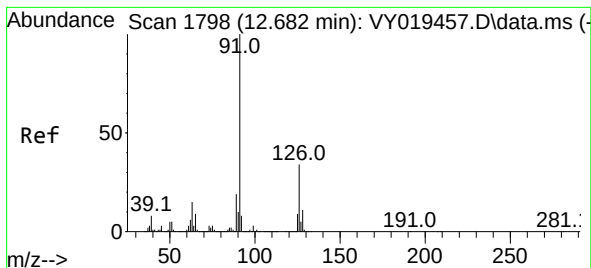
Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Tgt Ion:	91	Resp:	544373
Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.5	34.4





#79

2-Chlorotoluene

Concen: 21.701 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

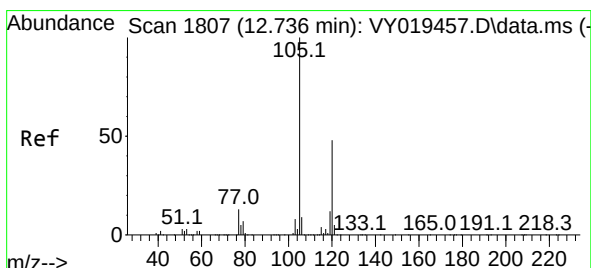
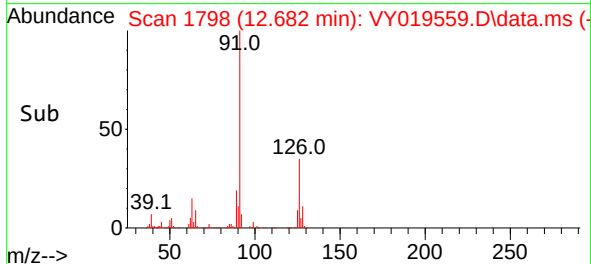
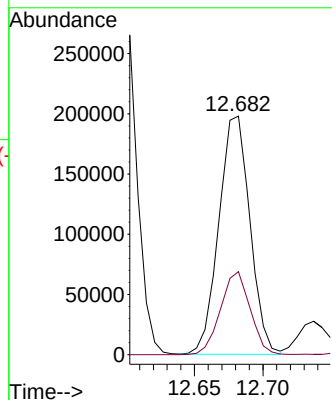
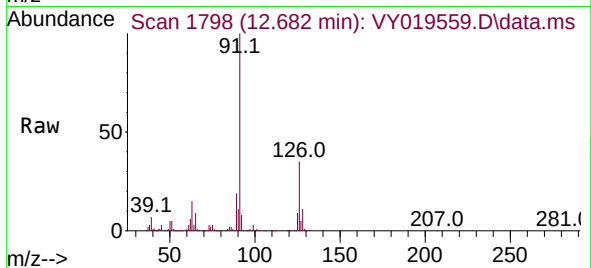
ClientSampleId :

Tgt Ion: 91 Resp: 312395

Ion Ratio Lower Upper

91 100

126 33.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 21.893 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019559.D

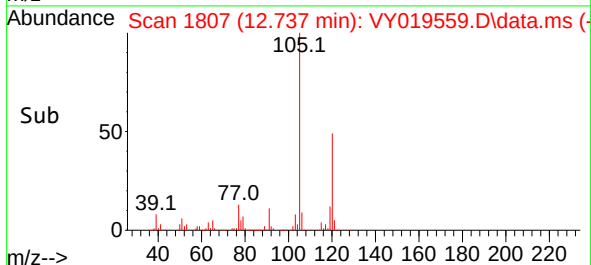
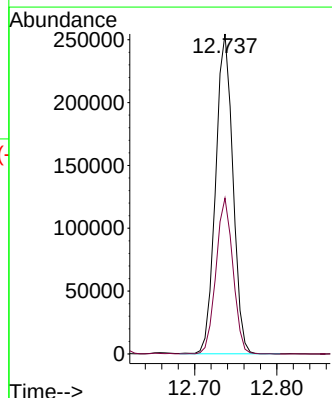
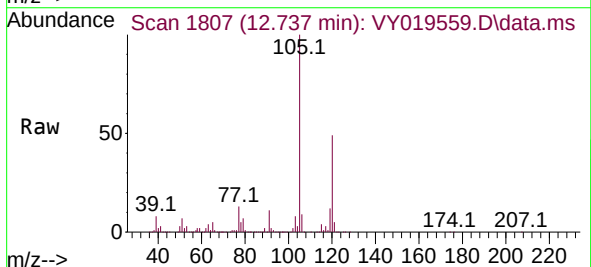
Acq: 16 Sep 2024 11:33

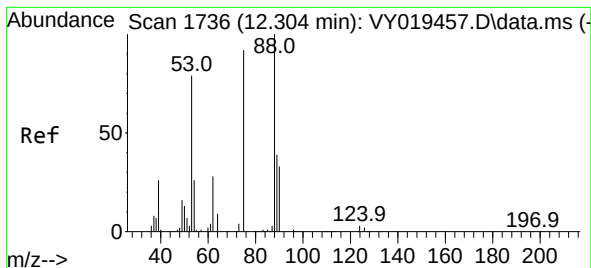
Tgt Ion: 105 Resp: 370930

Ion Ratio Lower Upper

105 100

120 47.9 25.1 75.2

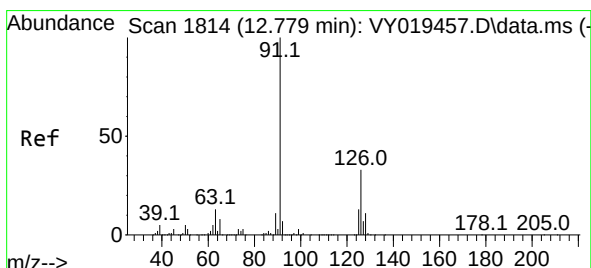
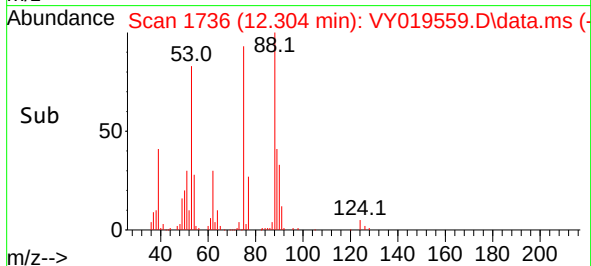
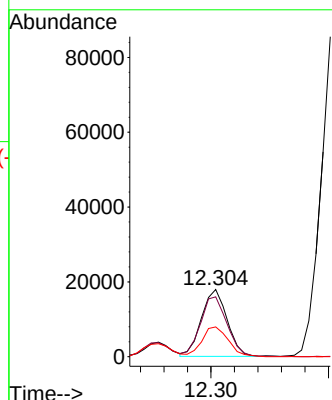
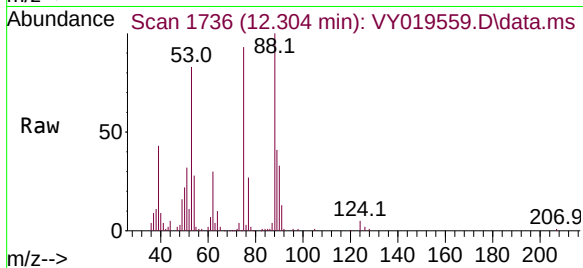




#81
trans-1,4-Dichloro-2-butene
Concen: 19.404 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

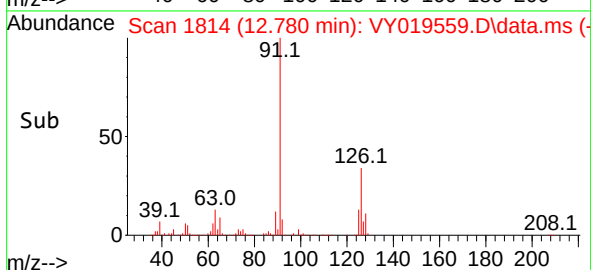
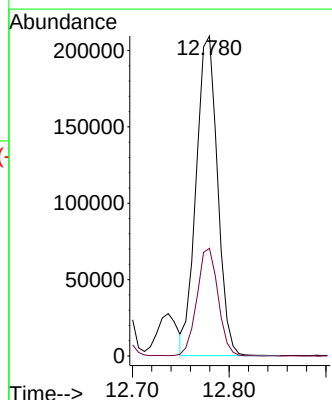
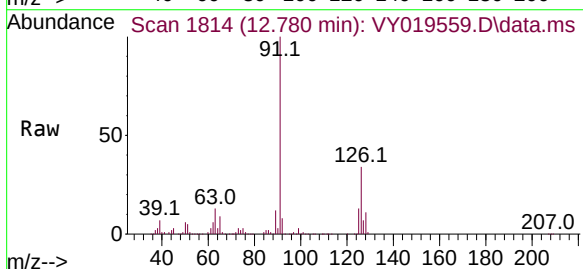
Instrument :
MSVOA_Y
ClientSampleId :

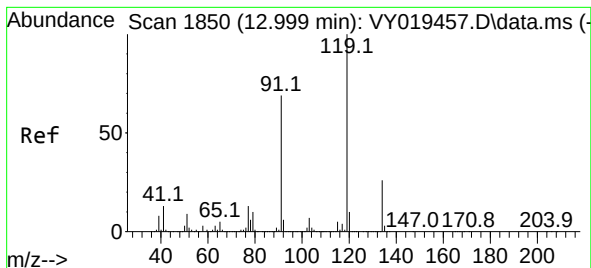
Tgt Ion: 75 Resp: 27216
Ion Ratio Lower Upper
75 100
53 93.9 66.8 100.2
89 45.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.736 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion: 91 Resp: 321689
Ion Ratio Lower Upper
91 100
126 33.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.666 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

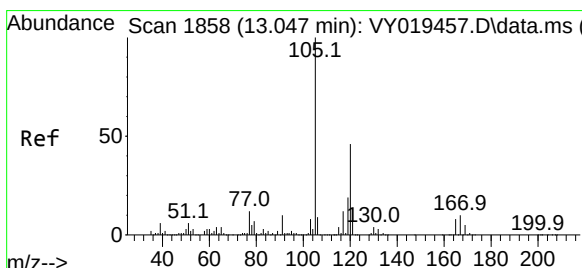
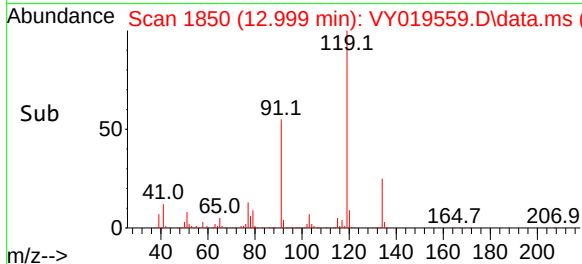
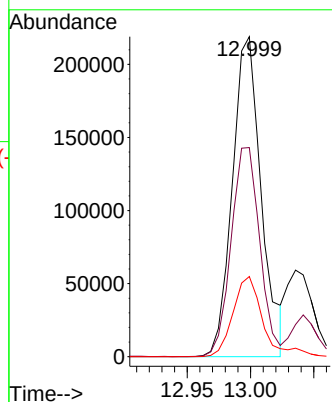
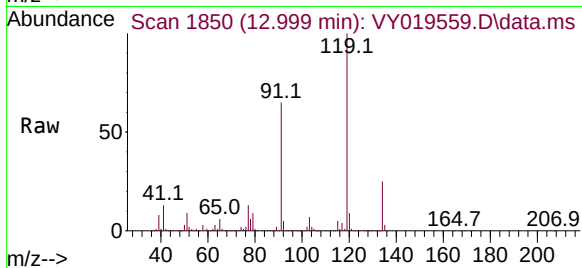
Tgt Ion:119 Resp: 347647

Ion Ratio Lower Upper

119 100

91 65.0 31.3 93.8

134 26.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.780 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019559.D

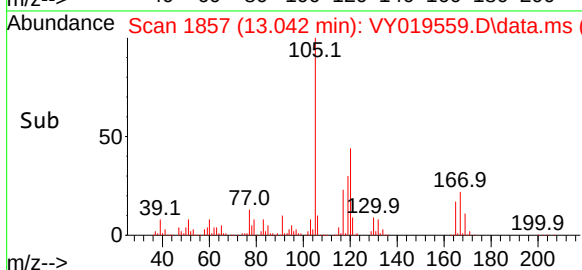
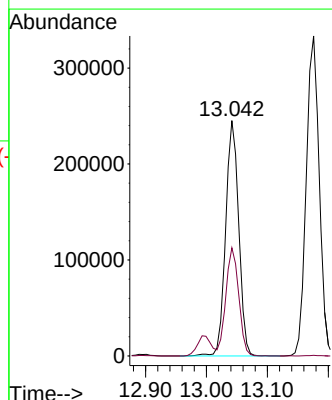
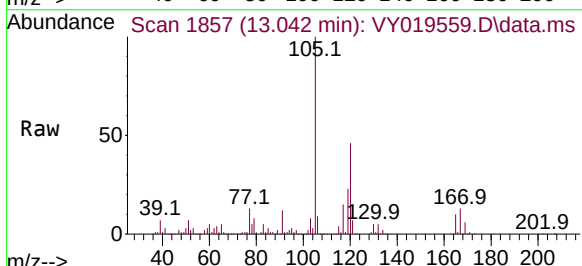
Acq: 16 Sep 2024 11:33

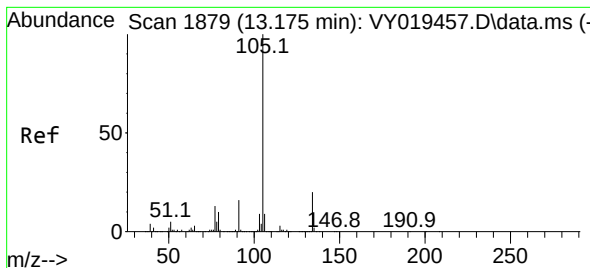
Tgt Ion:105 Resp: 365275

Ion Ratio Lower Upper

105 100

120 45.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.124 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

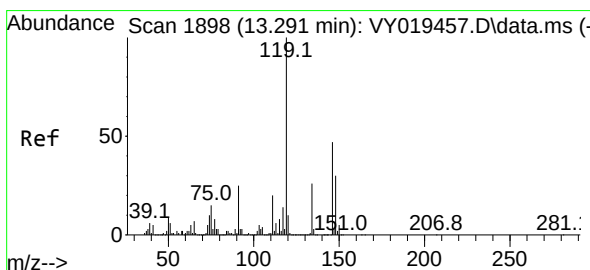
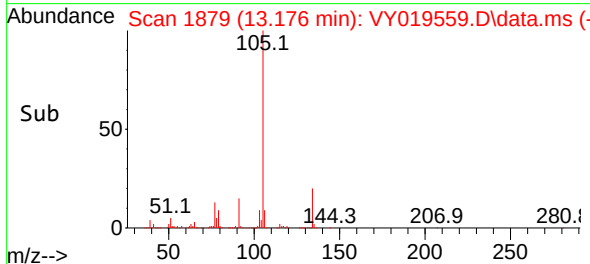
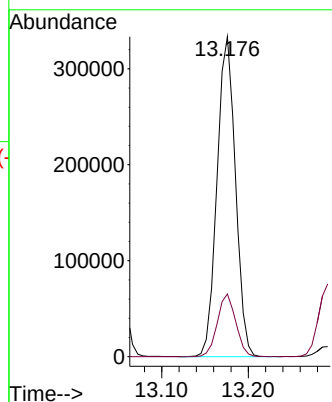
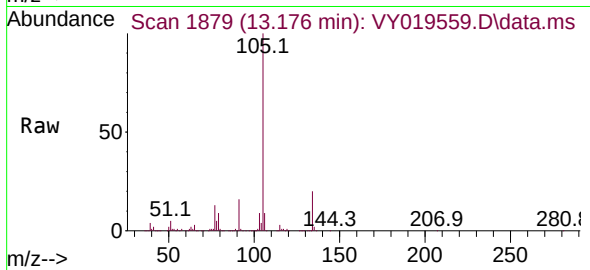
ClientSampleId :

Tgt Ion:105 Resp: 492961

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.244 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

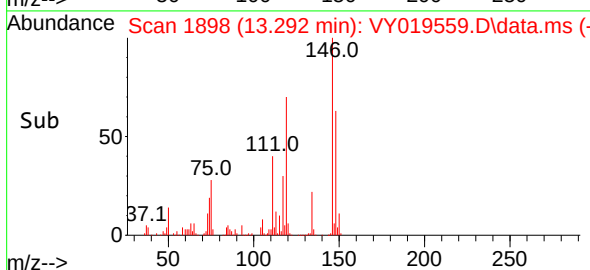
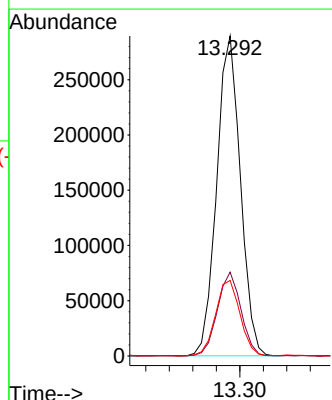
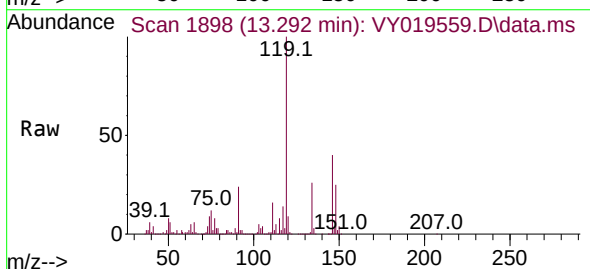
Tgt Ion:119 Resp: 405521

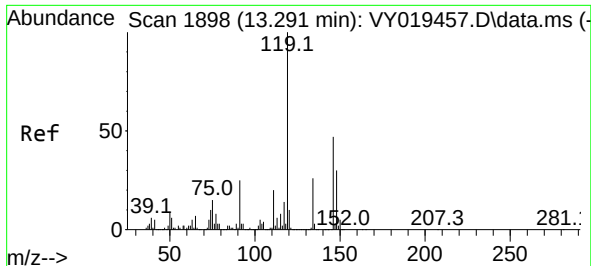
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 24.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.963 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

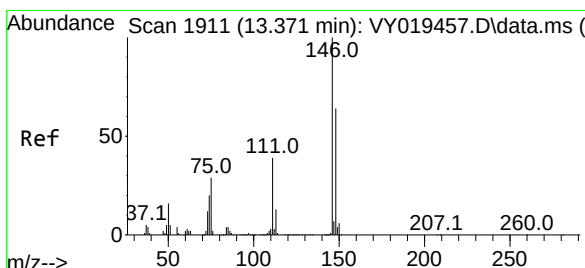
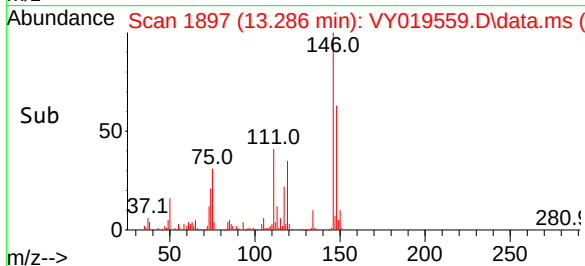
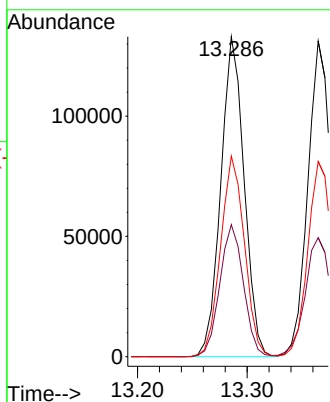
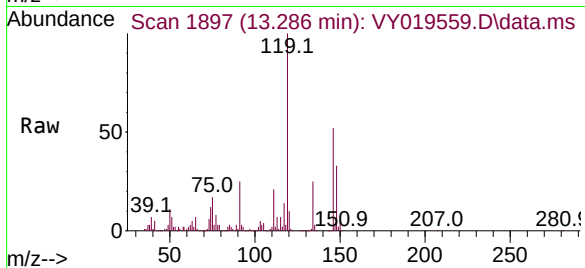
Tgt Ion:146 Resp: 197258

Ion Ratio Lower Upper

146 100

111 41.7 19.0 57.0

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.935 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

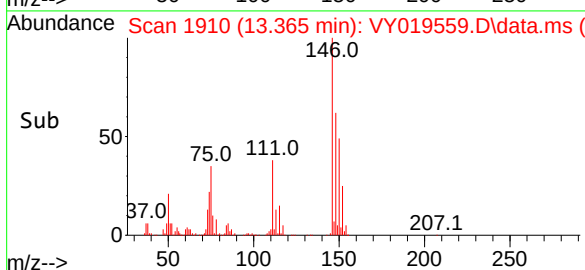
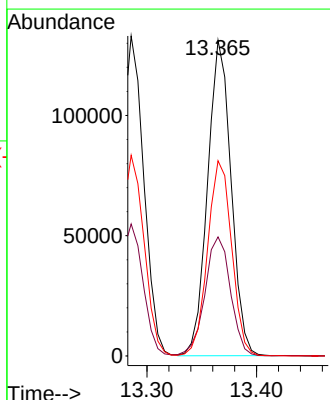
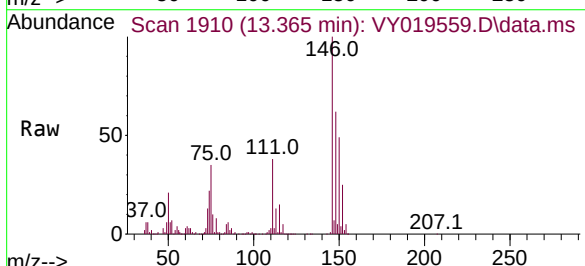
Tgt Ion:146 Resp: 195513

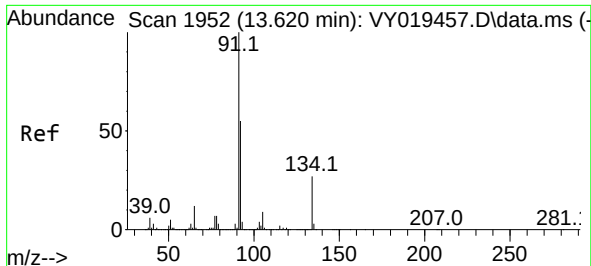
Ion Ratio Lower Upper

146 100

111 41.0 18.4 55.4

148 63.6 32.4 97.2

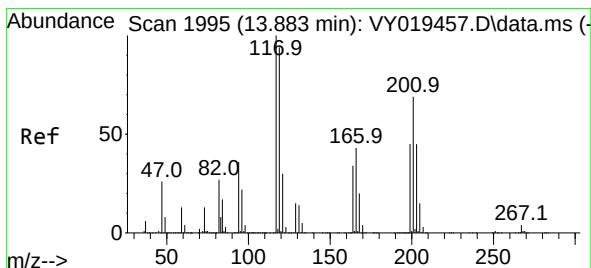
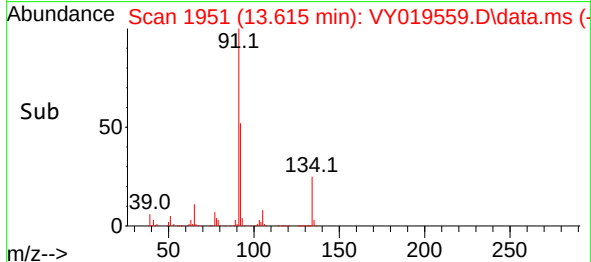
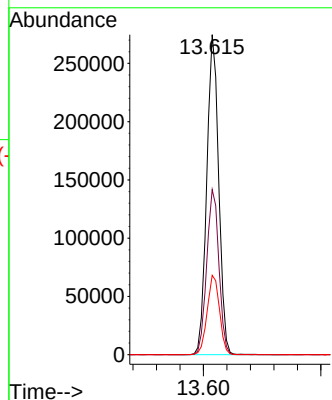
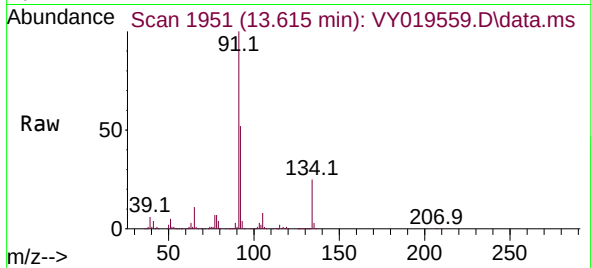




#89
n-Butylbenzene
Concen: 22.213 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

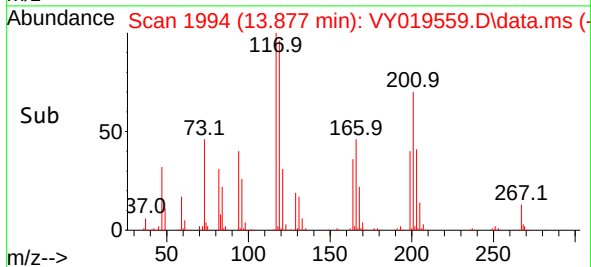
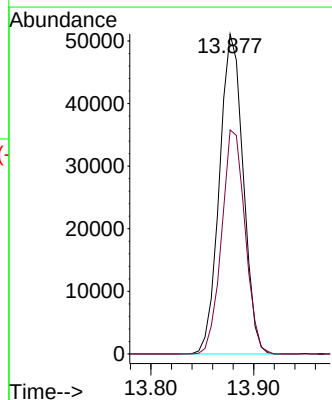
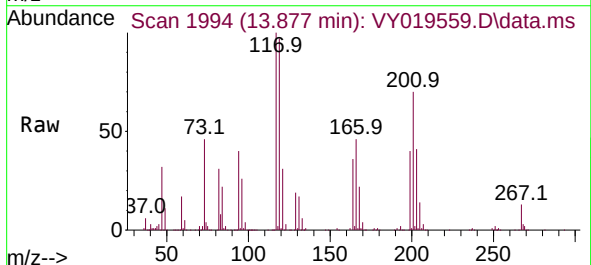
Instrument :
MSVOA_Y
ClientSampleId :

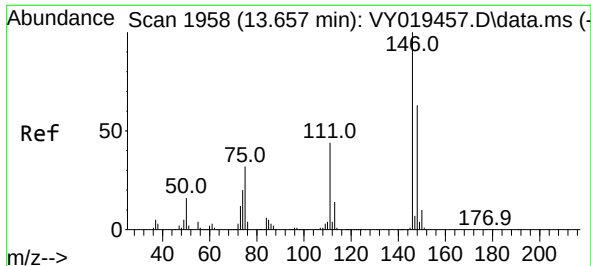
Tgt Ion: 91 Resp: 387123
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.7
134 25.6 12.9 38.7



#90
Hexachloroethane
Concen: 21.599 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019559.D
Acq: 16 Sep 2024 11:33

Tgt Ion: 117 Resp: 81931
Ion Ratio Lower Upper
117 100
201 69.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.842 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

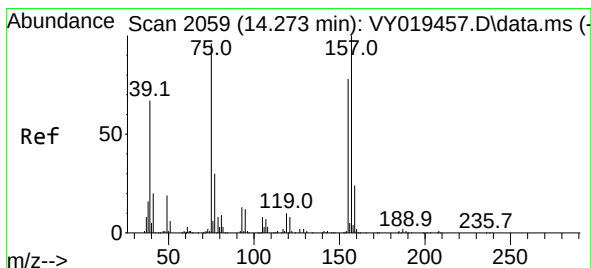
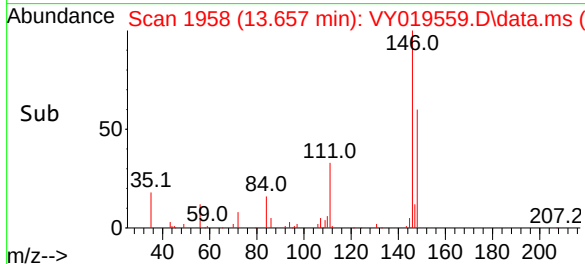
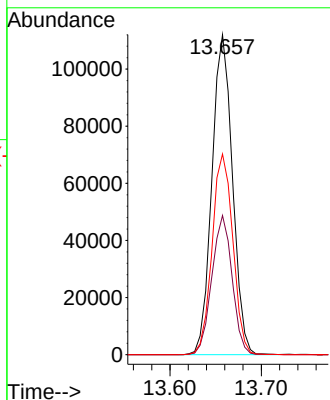
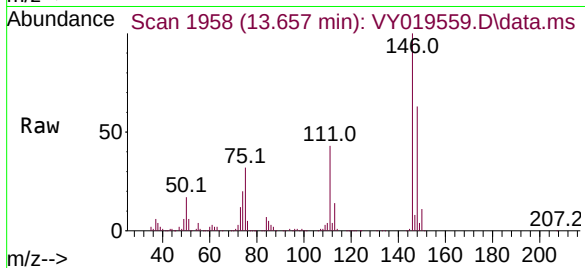
Tgt Ion:146 Resp: 175055

Ion Ratio Lower Upper

146 100

111 42.9 19.9 59.7

148 63.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.303 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

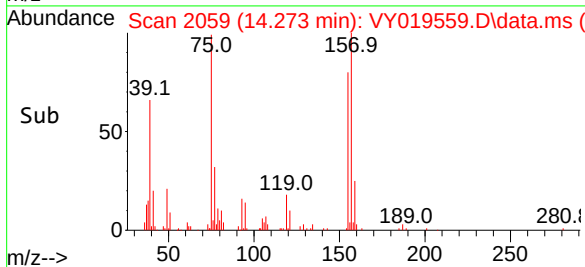
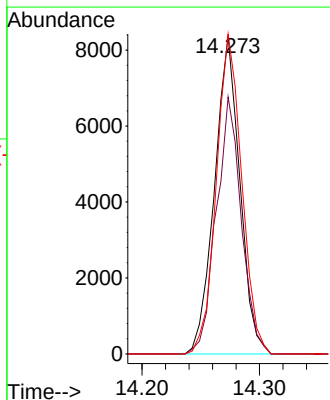
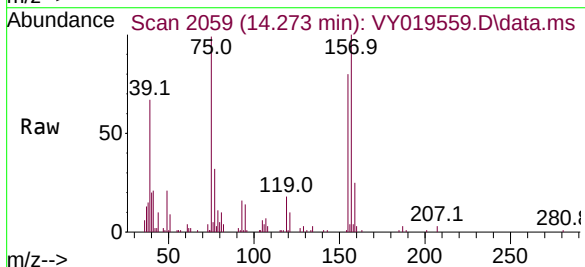
Tgt Ion: 75 Resp: 12517

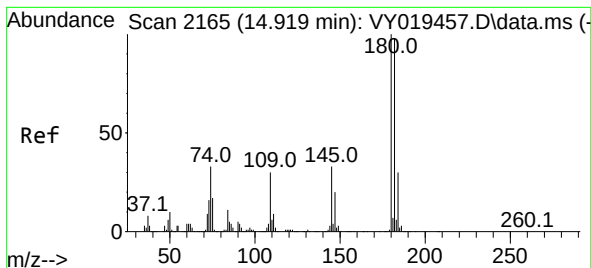
Ion Ratio Lower Upper

75 100

155 80.0 48.6 145.8

157 100.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.299 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

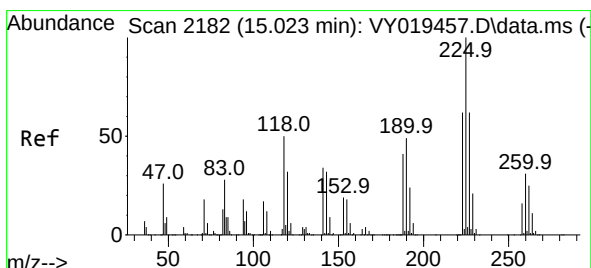
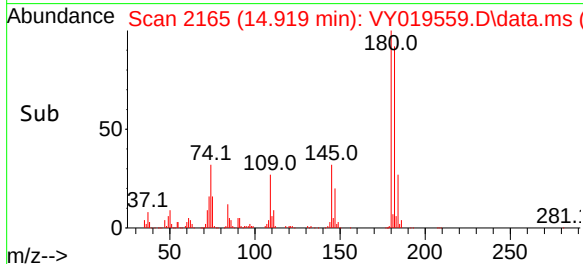
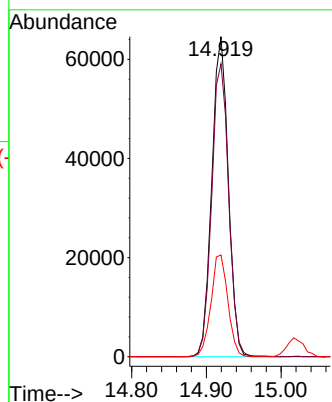
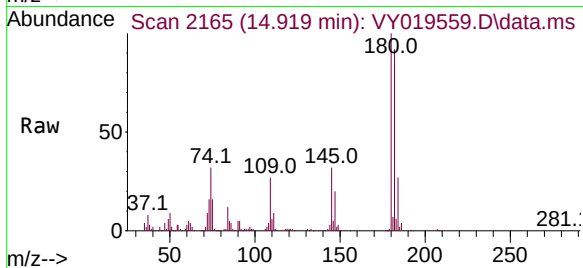
Tgt Ion:180 Resp: 98947

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.8

145 32.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.067 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

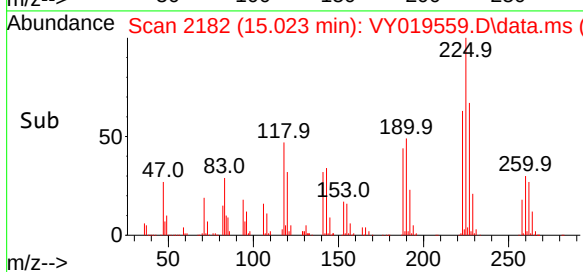
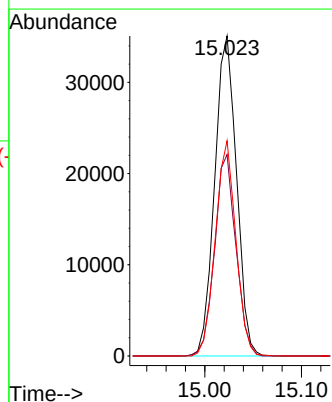
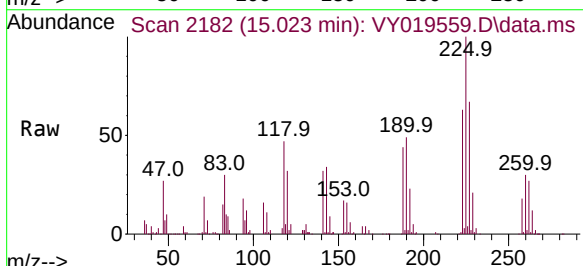
Tgt Ion:225 Resp: 54860

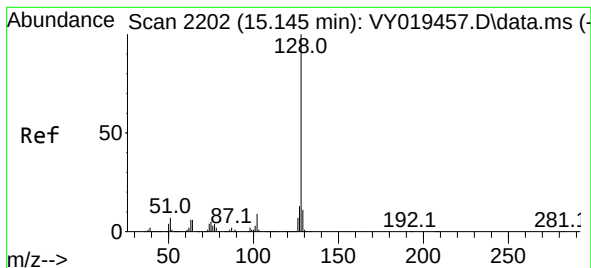
Ion Ratio Lower Upper

225 100

223 61.4 30.4 91.2

227 63.5 31.9 95.9





#95

Naphthalene

Concen: 18.994 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

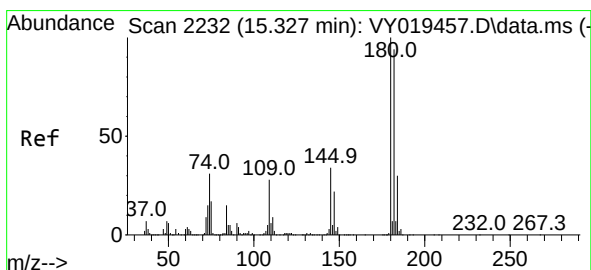
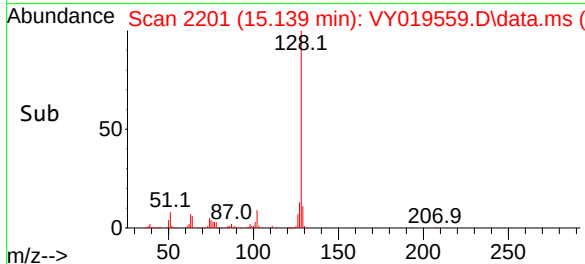
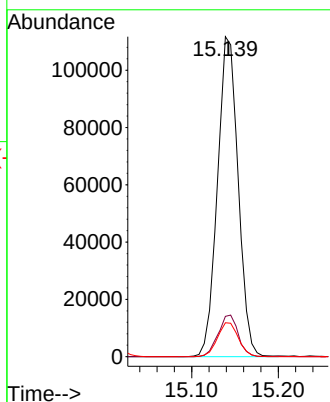
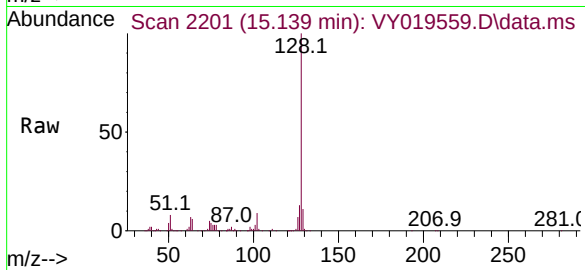
Tgt Ion:128 Resp: 185413

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.699 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019559.D

Acq: 16 Sep 2024 11:33

Tgt Ion:180 Resp: 82137

Ion Ratio Lower Upper

180 100

182 96.8 47.6 142.9

145 34.5 15.4 46.1

