

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
 Data File : VY019661.D
 Acq On : 23 Sep 2024 12:14
 Operator : SY/MD
 Sample : VY0923SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 24 01:44:33 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	413078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	705197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	606488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	281639	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	221690	57.958	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.920%	
35) Dibromofluoromethane	7.628	113	225881	56.494	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.980%	
50) Toluene-d8	10.109	98	818654	55.356	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.720%	
62) 4-Bromofluorobenzene	12.407	95	295817	52.021	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 104.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	56721	22.903	ug/l	98
3) Chloromethane	2.068	50	67026	19.612	ug/l	100
4) Vinyl Chloride	2.208	62	82214	22.247	ug/l	99
5) Bromomethane	2.592	94	56559	24.916	ug/l	95
6) Chloroethane	2.732	64	55538	22.989	ug/l	97
7) Trichlorofluoromethane	3.055	101	137213	22.274	ug/l	97
8) Diethyl Ether	3.458	74	43922	21.240	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.811	101	81098	21.281	ug/l	97
10) Methyl Iodide	4.006	142	91994	18.829	ug/l	94
11) Tert butyl alcohol	4.860	59	38838	125.730	ug/l #	80
12) 1,1-Dichloroethene	3.787	96	73123	19.952	ug/l	86
13) Acrolein	3.653	56	18640	117.766	ug/l	100
14) Allyl chloride	4.378	41	126620	19.266	ug/l	94
15) Acrylonitrile	5.055	53	97510	109.363	ug/l	99
16) Acetone	3.866	43	101471	111.353	ug/l	90
17) Carbon Disulfide	4.104	76	168109	16.977	ug/l	98
18) Methyl Acetate	4.384	43	48232	19.504	ug/l	92
19) Methyl tert-butyl Ether	5.116	73	226311	21.803	ug/l	100
20) Methylene Chloride	4.610	84	87441	21.041	ug/l	91
21) trans-1,2-Dichloroethene	5.116	96	81923	20.394	ug/l	93
22) Diisopropyl ether	6.012	45	284304	21.065	ug/l	92
23) Vinyl Acetate	5.957	43	819057	106.248	ug/l	96
24) 1,1-Dichloroethane	5.909	63	160835	21.237	ug/l	98
25) 2-Butanone	6.890	43	142849	110.220	ug/l	89
26) 2,2-Dichloropropane	6.878	77	145616	21.316	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	103664	21.244	ug/l	90
28) Bromochloromethane	7.238	49	63784	20.017	ug/l	87
29) Tetrahydrofuran	7.256	42	82920	105.227	ug/l	89
30) Chloroform	7.414	83	172342	22.292	ug/l	98
31) Cyclohexane	7.695	56	127787	18.667	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	152963	22.074	ug/l	98
36) 1,1-Dichloropropene	7.829	75	113133	20.794	ug/l	97
37) Ethyl Acetate	6.982	43	61034	21.895	ug/l	97
38) Carbon Tetrachloride	7.817	117	130818	21.322	ug/l	95
39) Methylcyclohexane	9.109	83	137999	19.060	ug/l	94
40) Benzene	8.079	78	350082	20.891	ug/l	99

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 ClientSampleId :

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	34166	21.026	ug/l #	87
42) 1,2-Dichloroethane	8.152	62	98623	21.872	ug/l	97
43) Isopropyl Acetate	8.195	43	122947	20.993	ug/l #	81
44) Trichloroethene	8.865	130	89410	20.746	ug/l	93
45) 1,2-Dichloropropane	9.140	63	86948	21.224	ug/l	100
46) Dibromomethane	9.231	93	49428	22.063	ug/l	96
47) Bromodichloromethane	9.426	83	131354	21.812	ug/l	98
48) Methyl methacrylate	9.219	41	54191	19.594	ug/l	87
49) 1,4-Dioxane	9.231	88	12359	468.618	ug/l #	89
51) 4-Methyl-2-Pentanone	9.999	43	312232	105.971	ug/l	92
52) Toluene	10.170	92	225519	20.925	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	120591	21.006	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	138670	20.745	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	68104	22.013	ug/l	97
56) Ethyl methacrylate	10.438	69	99533	21.179	ug/l #	84
57) 1,3-Dichloropropane	10.719	76	115229	21.668	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	233623	107.106	ug/l	98
59) 2-Hexanone	10.761	43	225356	104.327	ug/l	90
60) Dibromochloromethane	10.914	129	89959	21.981	ug/l	97
61) 1,2-Dibromoethane	11.011	107	61013	21.166	ug/l	98
64) Tetrachloroethene	10.646	164	78660	20.944	ug/l	94
65) Chlorobenzene	11.444	112	253995	21.290	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	88848	21.510	ug/l	98
67) Ethyl Benzene	11.517	91	446500	21.064	ug/l	98
68) m/p-Xylenes	11.627	106	335285	41.831	ug/l	94
69) o-Xylene	11.956	106	166277	21.212	ug/l	97
70) Styrene	11.968	104	279242	21.099	ug/l	97
71) Bromoform	12.133	173	49926	21.162	ug/l #	98
73) Isopropylbenzene	12.255	105	443608	21.711	ug/l	99
74) N-amyl acetate	12.072	43	112425	20.232	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	78772	21.721	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	102000	38.640	ug/l #	100
77) Bromobenzene	12.529	156	99227	21.897	ug/l	91
78) n-propylbenzene	12.596	91	520318	21.485	ug/l	100
79) 2-Chlorotoluene	12.682	91	303596	21.511	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	355276	21.389	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	27909	20.296	ug/l	93
82) 4-Chlorotoluene	12.779	91	315717	21.759	ug/l	95
83) tert-Butylbenzene	12.999	119	333665	22.189	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	352601	21.445	ug/l	98
85) sec-Butylbenzene	13.176	105	476703	21.822	ug/l	99
86) p-Isopropyltoluene	13.291	119	391258	21.891	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	194618	22.102	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	192769	22.059	ug/l	97
89) n-Butylbenzene	13.615	91	368128	21.545	ug/l	99
90) Hexachloroethane	13.877	117	77031	20.714	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	172206	21.916	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11977	19.816	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	97707	20.445	ug/l	96
94) Hexachlorobutadiene	15.023	225	52164	20.432	ug/l	98
95) Naphthalene	15.145	128	189718	19.823	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	80446	19.679	ug/l	96

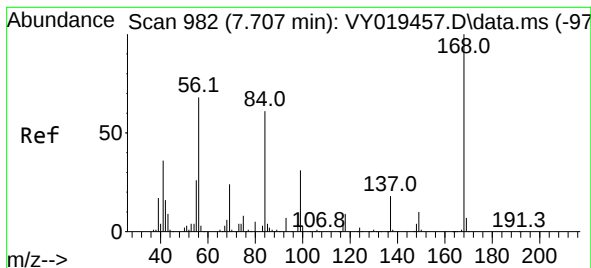
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

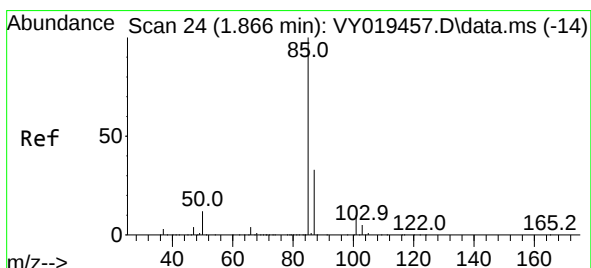
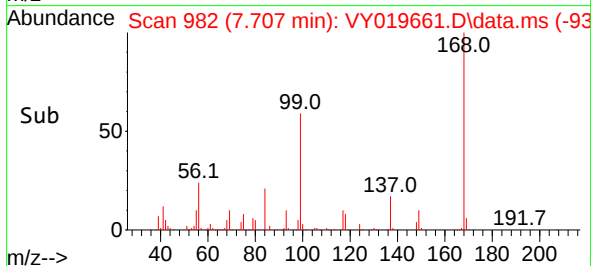
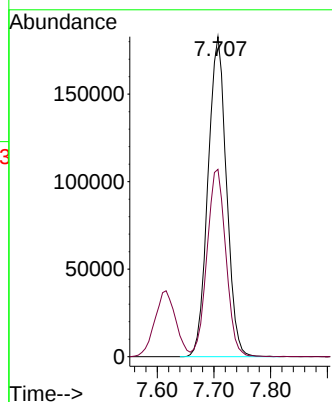
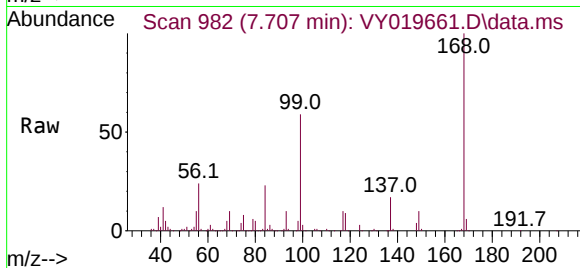
ClientSampleId :

Tgt Ion:168 Resp: 413078

Ion Ratio Lower Upper

168 100

99 58.5 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 22.903 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.001 min

Lab File: VY019661.D

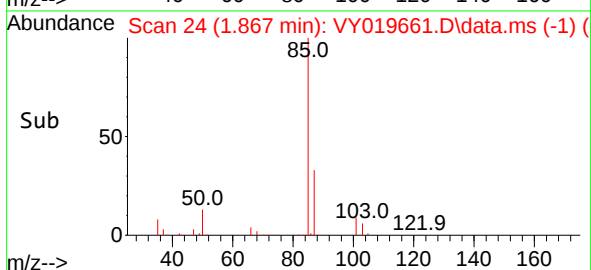
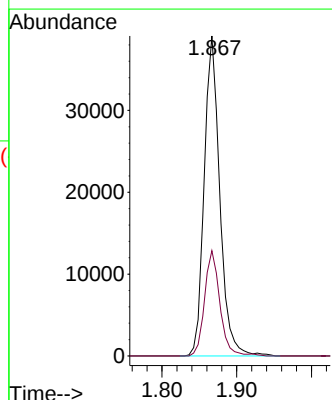
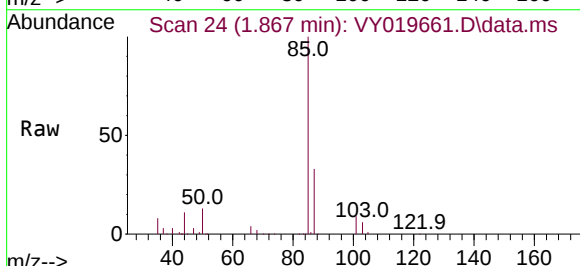
Acq: 23 Sep 2024 12:14

Tgt Ion: 85 Resp: 56721

Ion Ratio Lower Upper

85 100

87 32.9 16.0 48.0

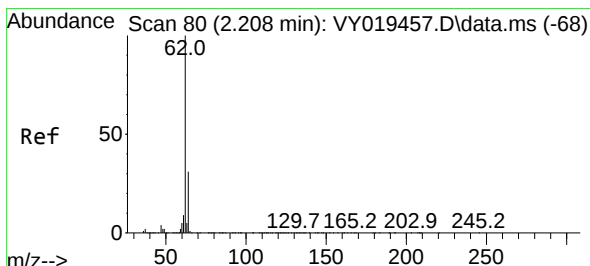
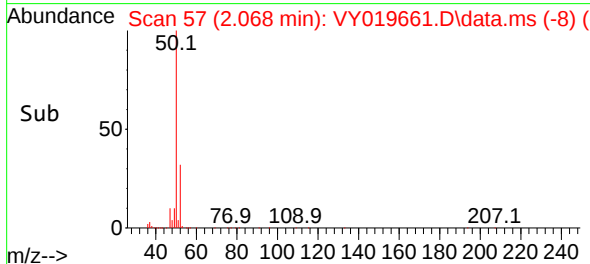
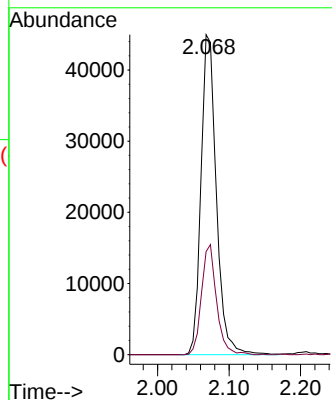
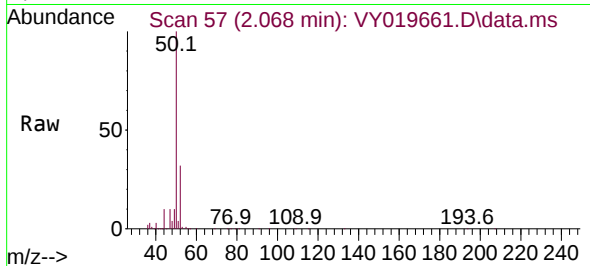




#3
Chloromethane
Concen: 19.612 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

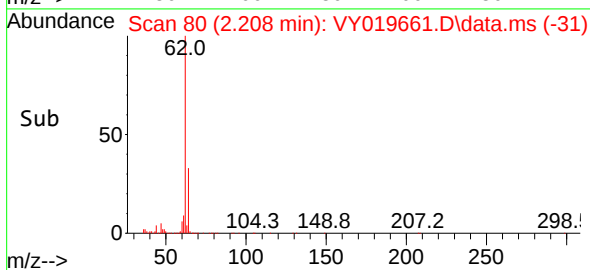
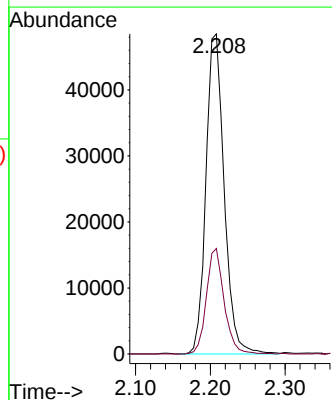
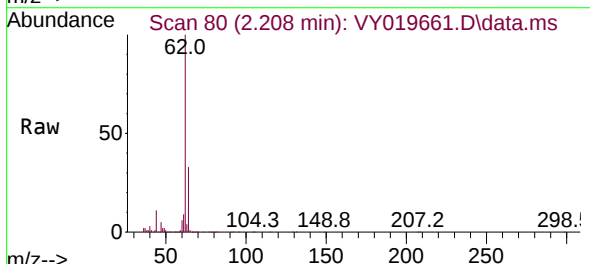
Instrument :
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ClientSampleId :

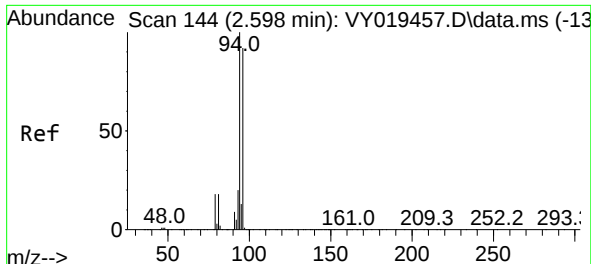
Tgt Ion: 50 Resp: 67026
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4



#4
Vinyl Chloride
Concen: 22.247 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion: 62 Resp: 82214
Ion Ratio Lower Upper
62 100
64 33.0 26.1 39.1

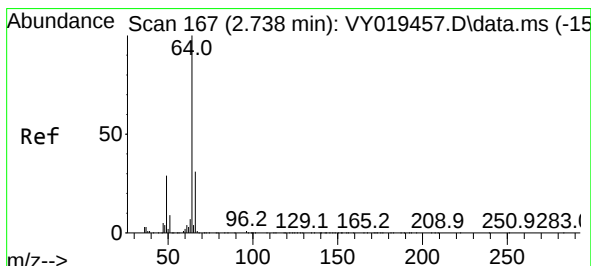
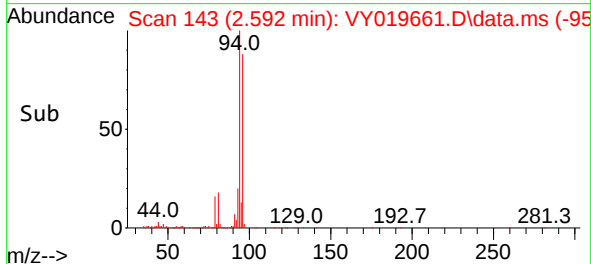
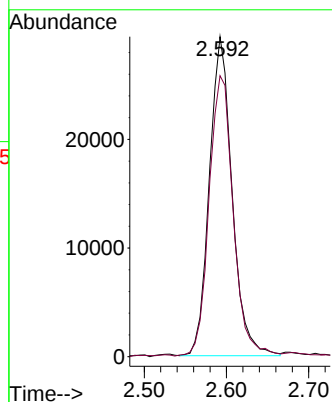
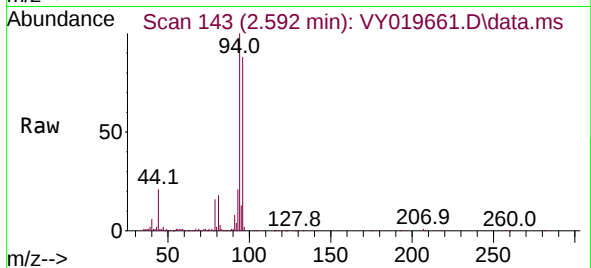




#5
Bromomethane
Concen: 24.916 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

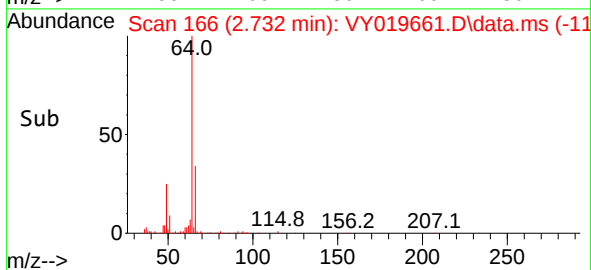
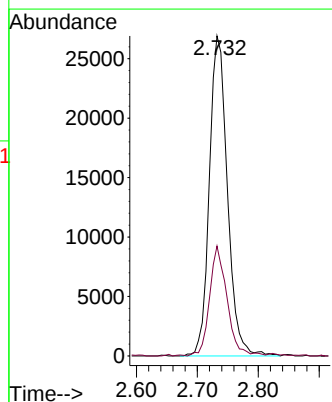
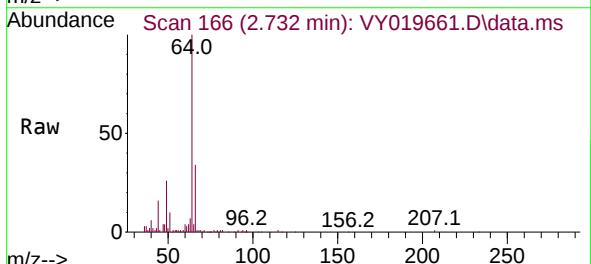
Instrument :
MSVOA_Y
ClientSampleId :

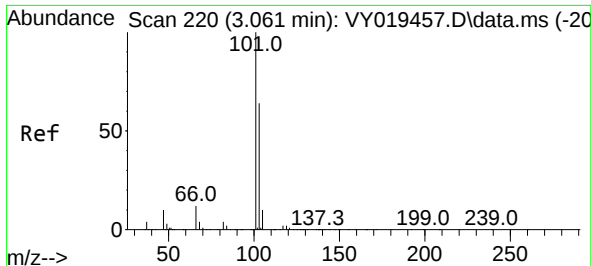
Tgt Ion: 94 Resp: 56559
Ion Ratio Lower Upper
94 100
96 87.5 74.1 111.1



#6
Chloroethane
Concen: 22.989 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

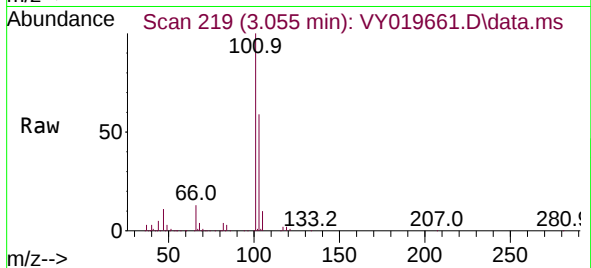
Tgt Ion: 64 Resp: 55538
Ion Ratio Lower Upper
64 100
66 34.0 26.1 39.1



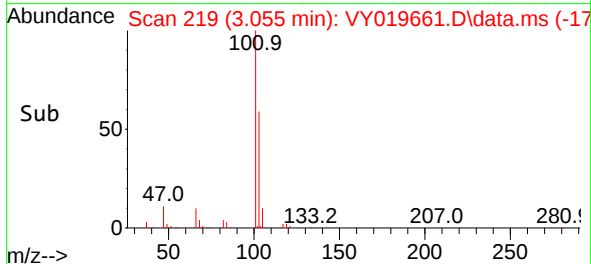
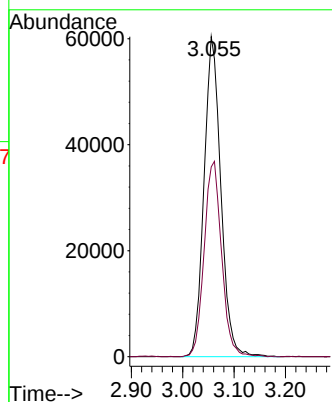


#7
 Trichlorofluoromethane
 Concen: 22.274 ug/l
 RT: 3.055 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019661.D
 Acq: 23 Sep 2024 12:14

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 MSVOA_Y
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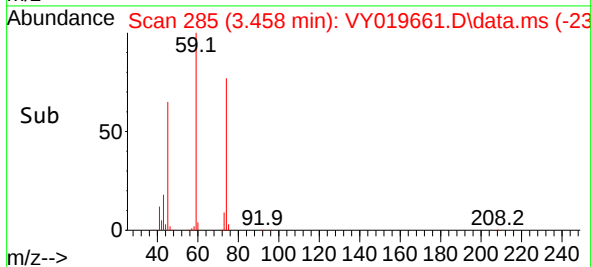
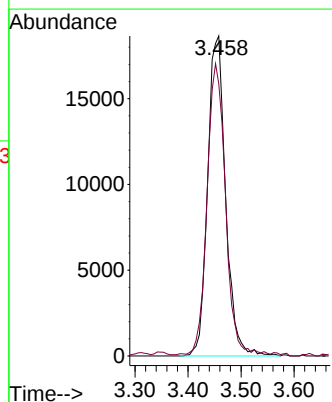
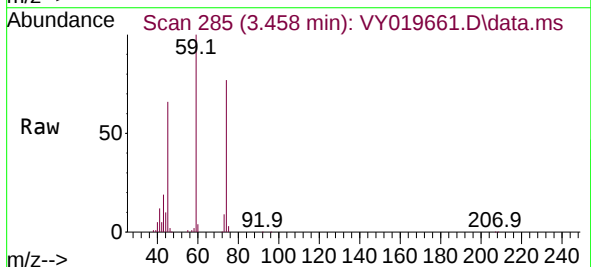


Tgt Ion:101 Resp: 137213
 Ion Ratio Lower Upper
 101 100
 103 59.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.240 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019661.D
 Acq: 23 Sep 2024 12:14

Tgt Ion: 74 Resp: 43922
 Ion Ratio Lower Upper
 74 100
 45 92.8 41.3 124.1

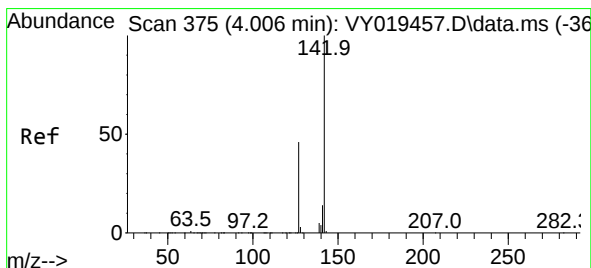
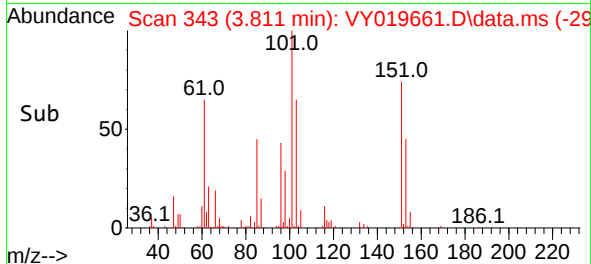
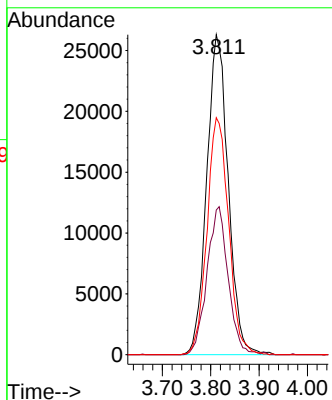
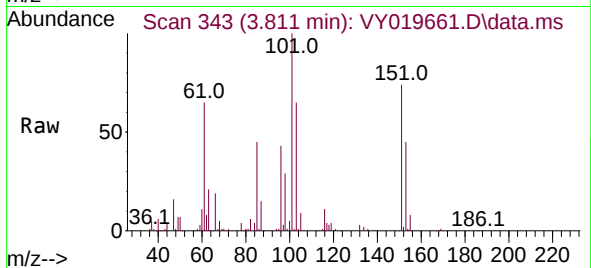




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.281 ug/l
RT: 3.811 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

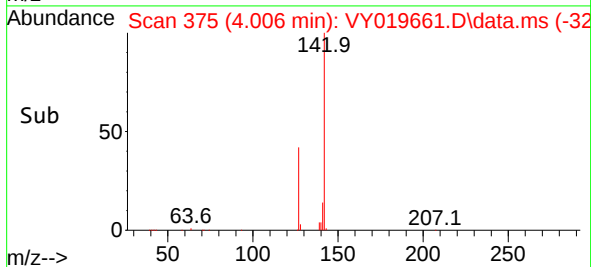
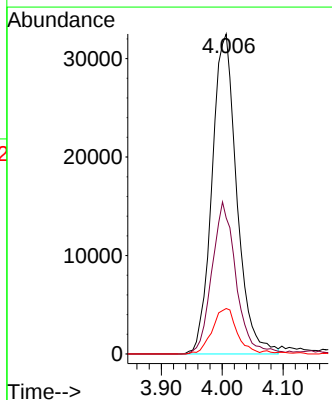
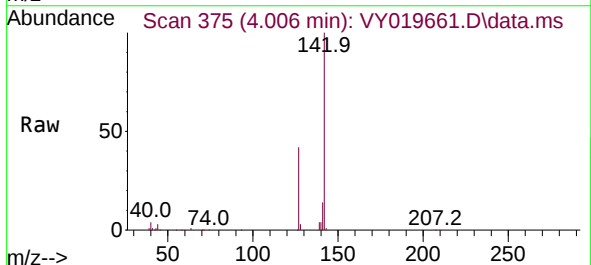
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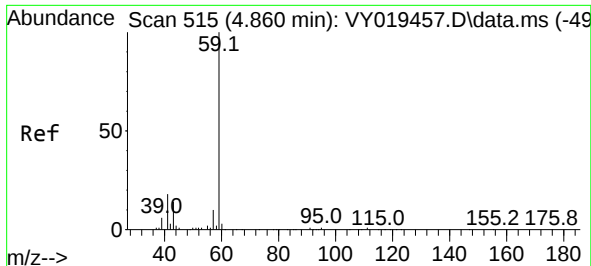
Tgt Ion:101 Resp: 81098
Ion Ratio Lower Upper
101 100
85 45.5 34.5 51.7
151 74.6 61.7 92.5



#10
Methyl Iodide
Concen: 18.829 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion:142 Resp: 91994
Ion Ratio Lower Upper
142 100
127 46.1 32.8 49.2
141 14.1 11.4 17.2

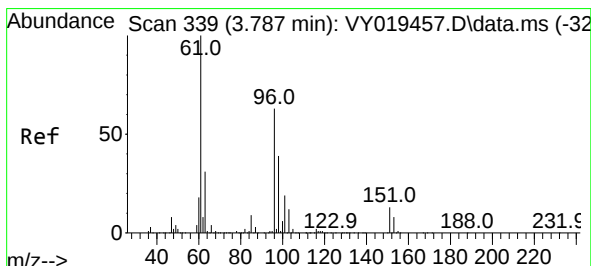
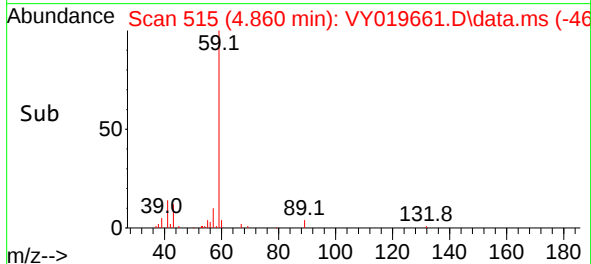
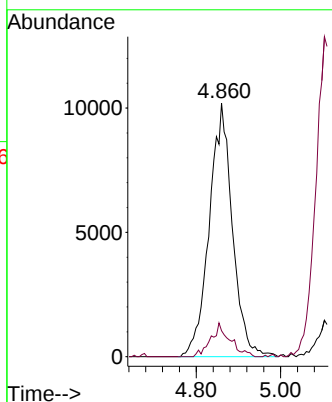
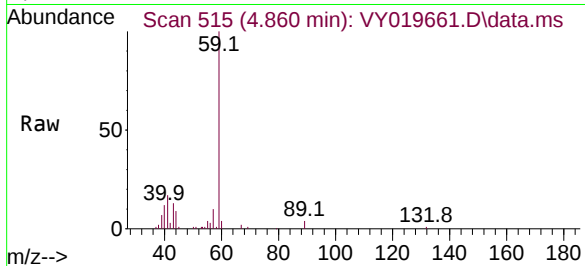




#11
Tert butyl alcohol
Concen: 125.730 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

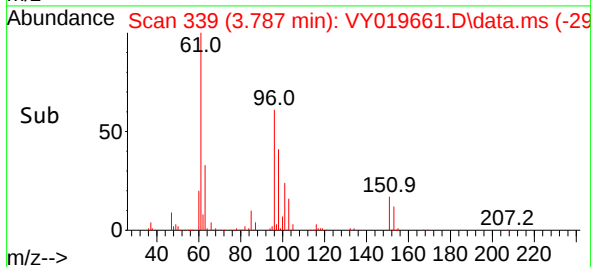
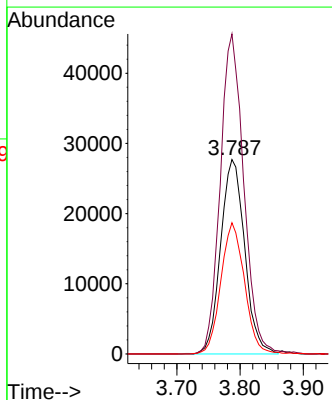
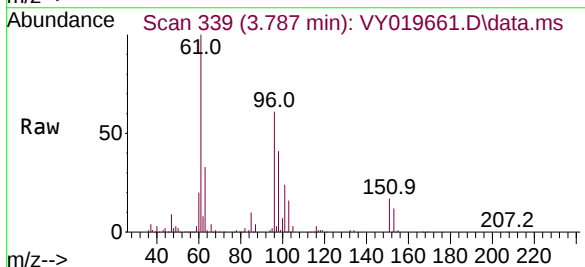
Instrument :
MSVOA_Y
ClientSampleId :

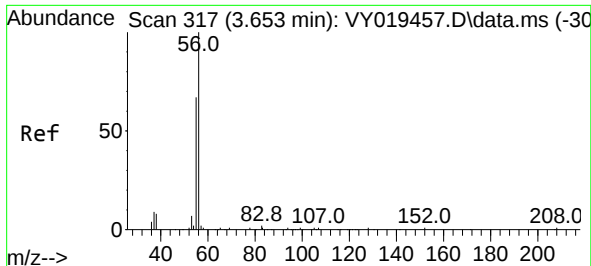
Tgt Ion: 59 Resp: 38838
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 19.952 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

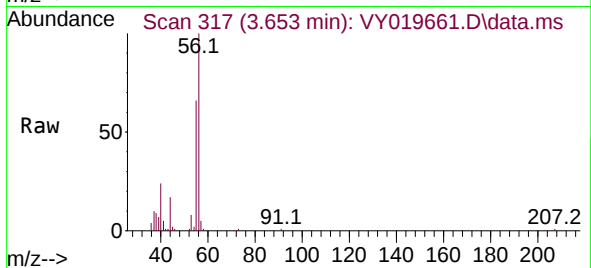
Tgt Ion: 96 Resp: 73123
Ion Ratio Lower Upper
96 100
61 164.6 114.6 171.8
98 67.5 50.8 76.2



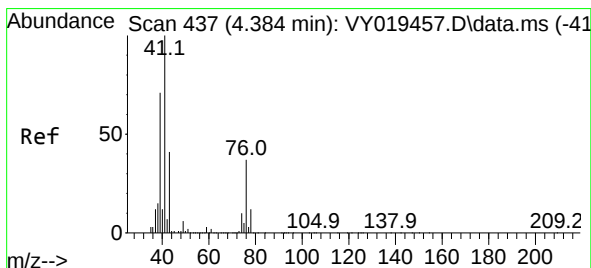
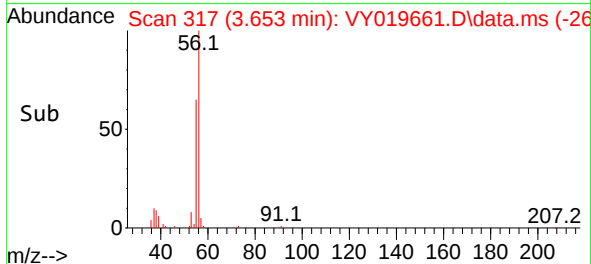
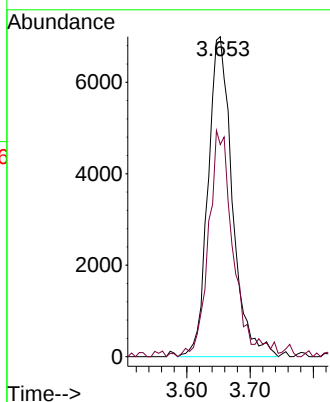


#13
Acrolein
Concen: 117.766 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Instrument :
MSVOA_Y
ClientSampleId :

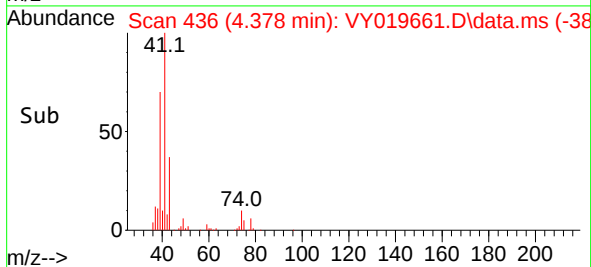
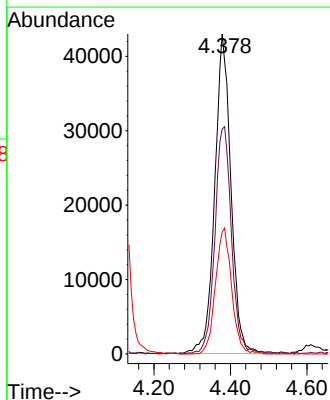
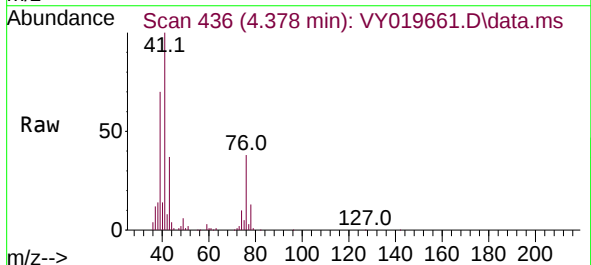


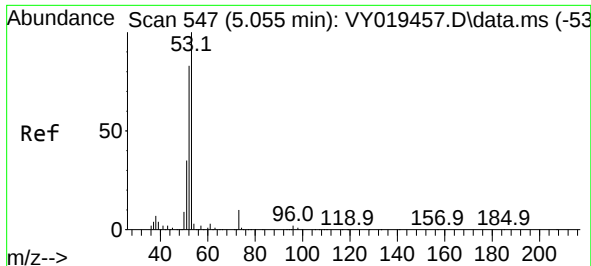
Tgt Ion: 56 Resp: 18640
Ion Ratio Lower Upper
56 100
55 69.2 55.7 83.5



#14
Allyl chloride
Concen: 19.266 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion: 41 Resp: 126620
Ion Ratio Lower Upper
41 100
39 72.9 58.3 87.5
76 39.2 39.0 58.6

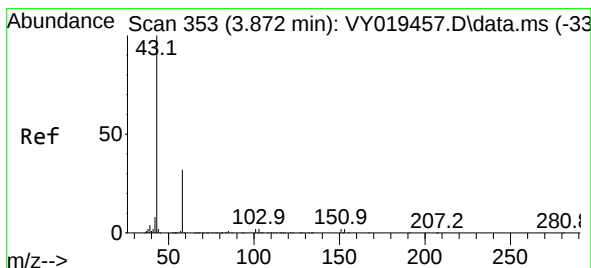
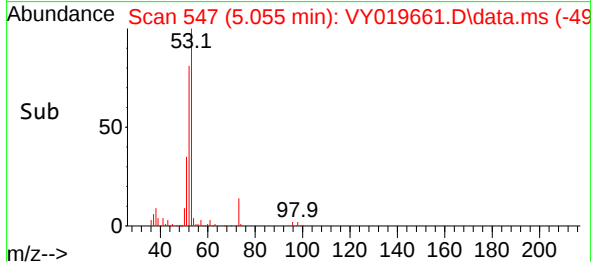
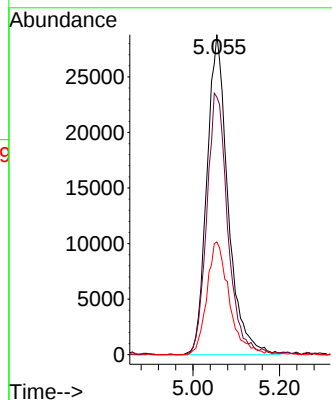
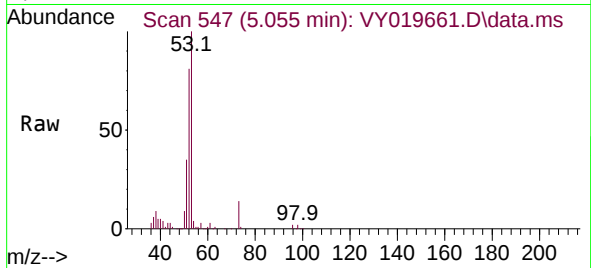




#15
Acrylonitrile
Concen: 109.363 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

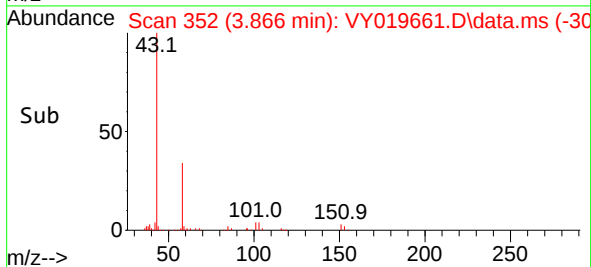
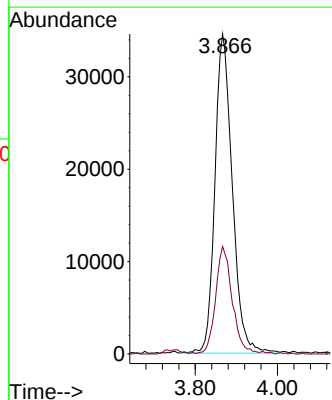
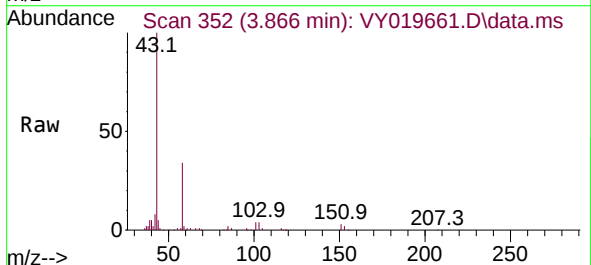
Instrument :
MSVOA_Y
ClientSampleId :

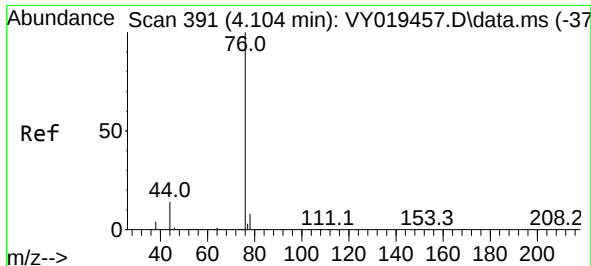
Tgt Ion: 53 Resp: 97510
Ion Ratio Lower Upper
53 100
52 80.8 64.7 97.1
51 37.2 28.4 42.6



#16
Acetone
Concen: 111.353 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion: 43 Resp: 101471
Ion Ratio Lower Upper
43 100
58 33.2 31.7 47.5

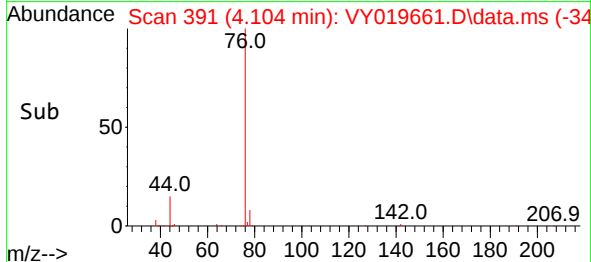
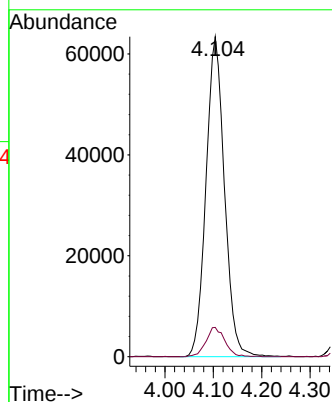
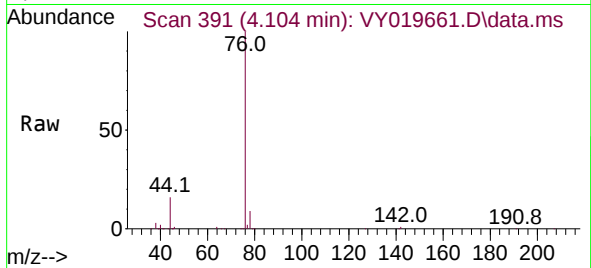




#17
Carbon Disulfide
Concen: 16.977 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

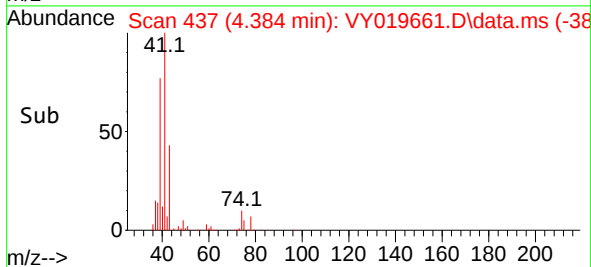
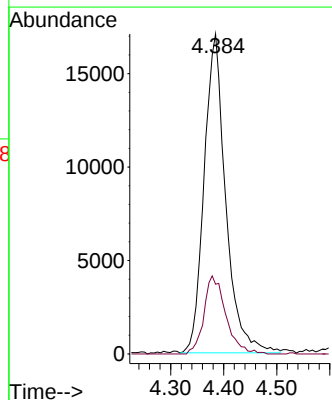
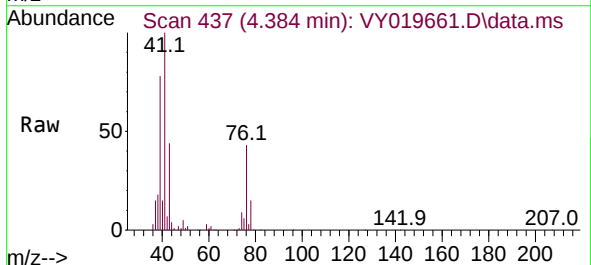
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 168109
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 19.504 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion: 43 Resp: 48232
Ion Ratio Lower Upper
43 100
74 24.8 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 21.803 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

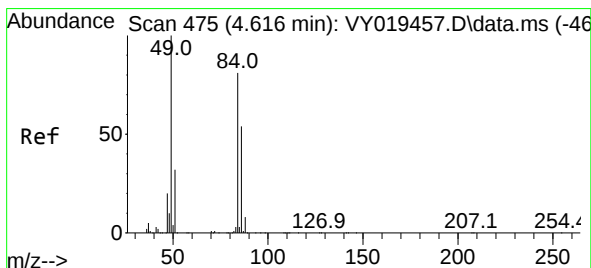
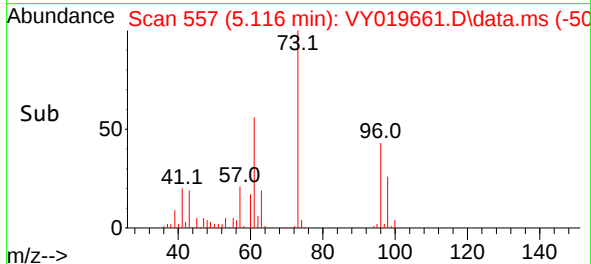
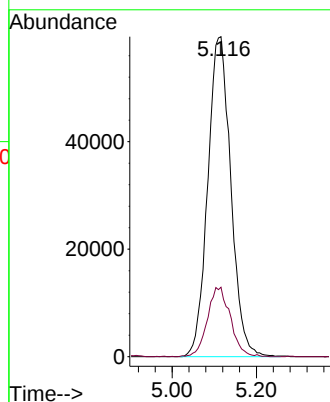
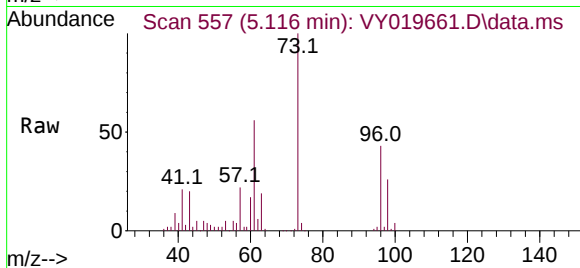
ClientSampleId :

Tgt Ion: 73 Resp: 226311

Ion Ratio Lower Upper

73 100

57 21.7 17.3 25.9



#20

Methylene Chloride

Concen: 21.041 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Tgt Ion: 84 Resp: 87441

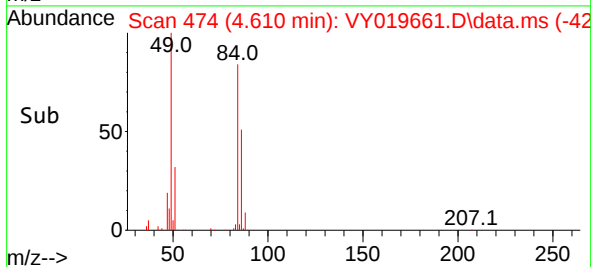
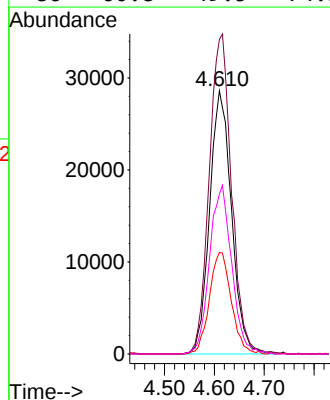
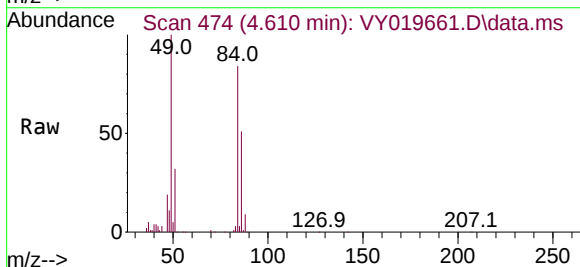
Ion Ratio Lower Upper

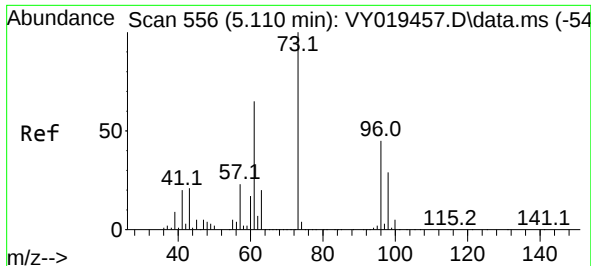
84 100

49 119.5 84.4 126.6

51 38.6 26.0 39.0

86 60.8 49.5 74.3

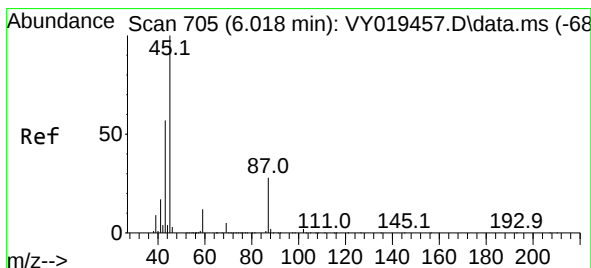
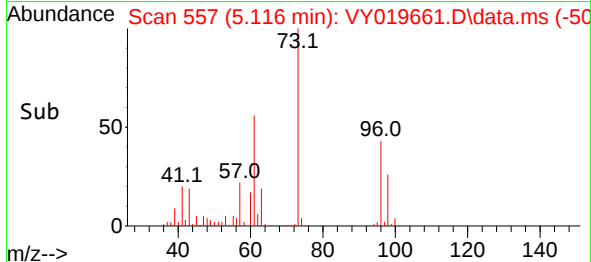
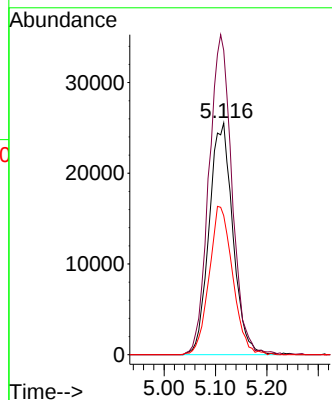
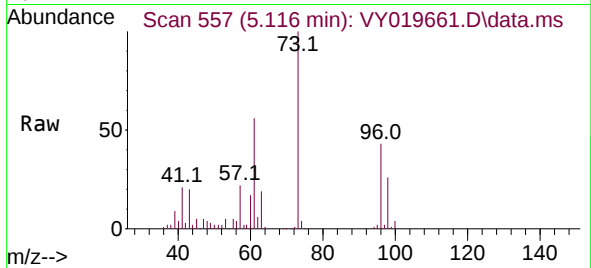




#21
trans-1,2-Dichloroethene
Concen: 20.394 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

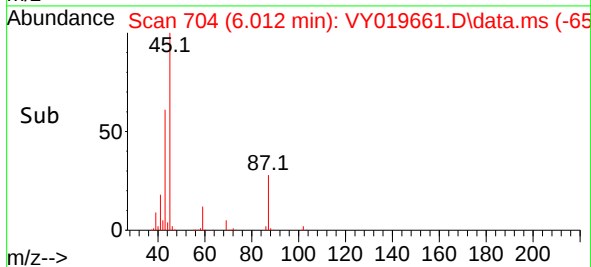
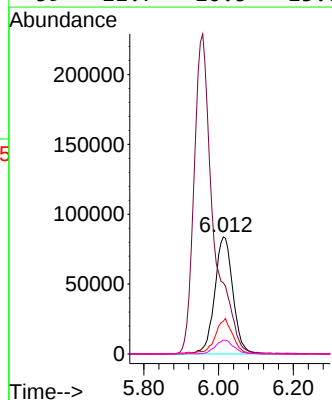
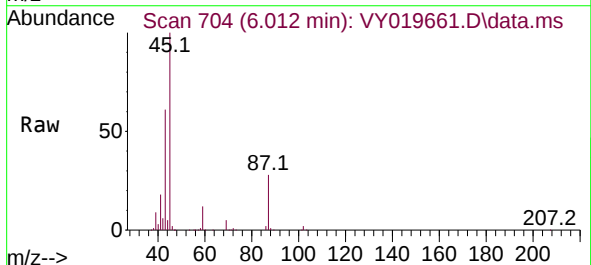
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 81923
Ion Ratio Lower Upper
96 100
61 131.3 97.5 146.3
98 60.0 50.5 75.7



#22
Diisopropyl ether
Concen: 21.065 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion: 45 Resp: 284304
Ion Ratio Lower Upper
45 100
43 60.4 42.2 63.2
87 27.9 25.0 37.6
59 11.7 10.5 15.7

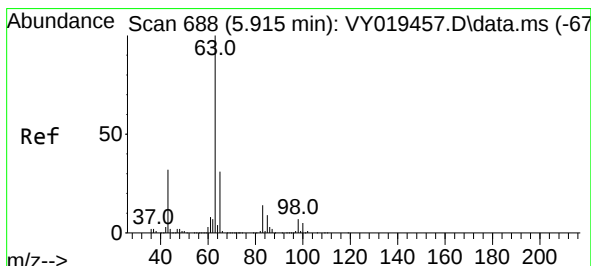
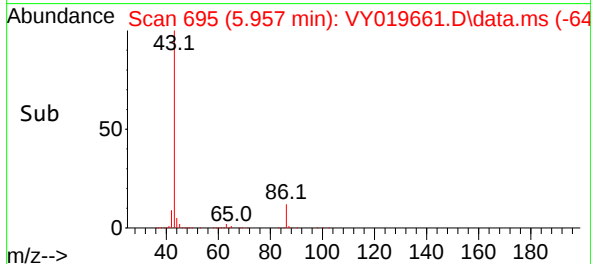
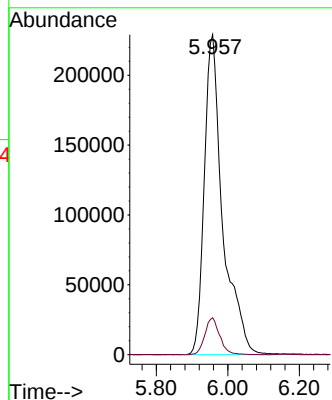
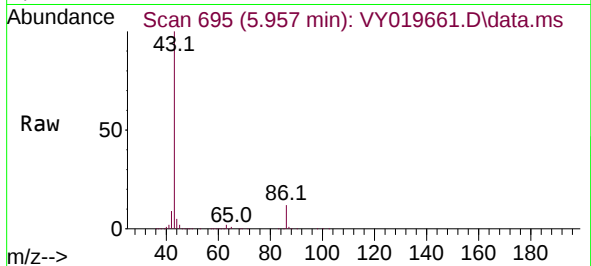




#23
 Vinyl Acetate
 Concen: 106.248 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019661.D
 Acq: 23 Sep 2024 12:14

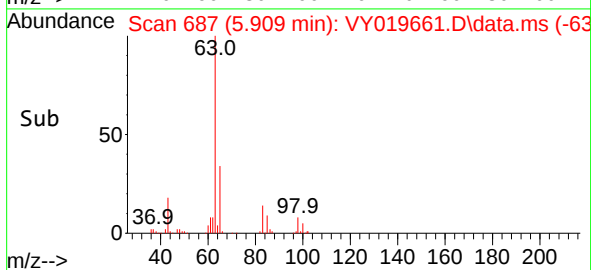
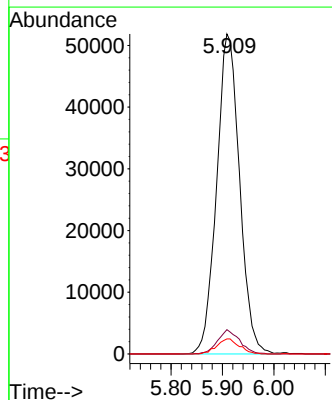
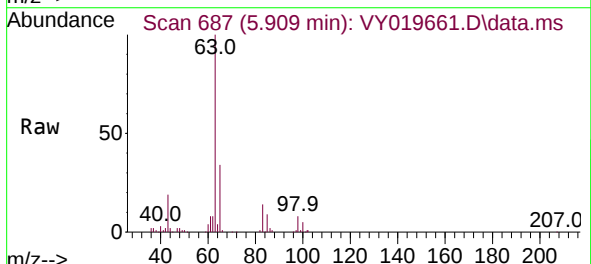
Instrument :
 MSVOA_Y
 ClientSampleId :

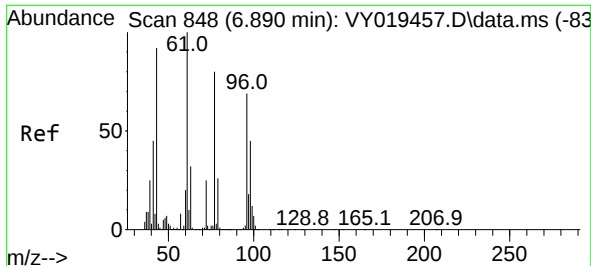
Tgt Ion: 43 Resp: 819057
 Ion Ratio Lower Upper
 43 100
 86 11.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 21.237 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019661.D
 Acq: 23 Sep 2024 12:14

Tgt Ion: 63 Resp: 160835
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 4.7 2.6 8.0

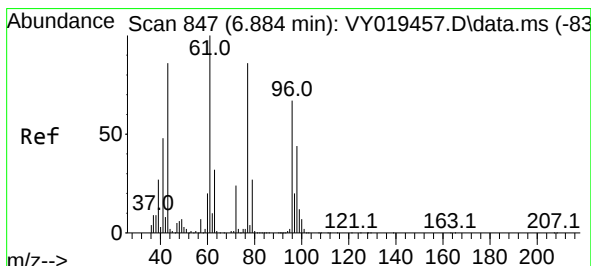
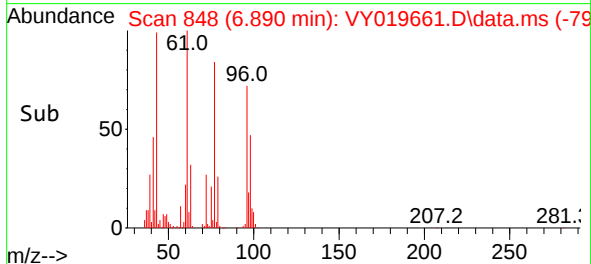
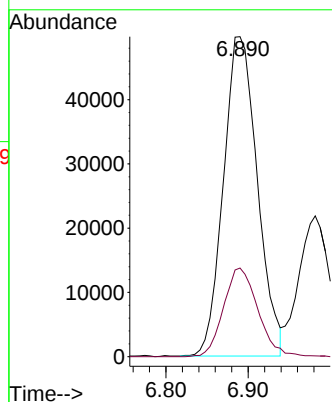
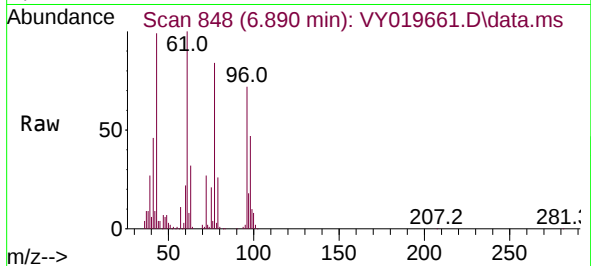




#25
2-Butanone
Concen: 110.220 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

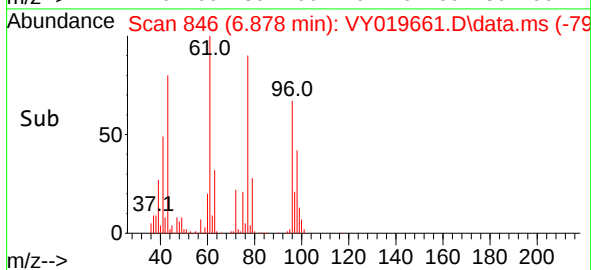
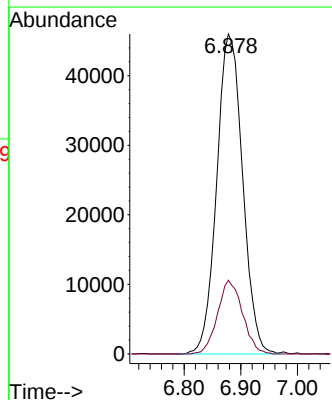
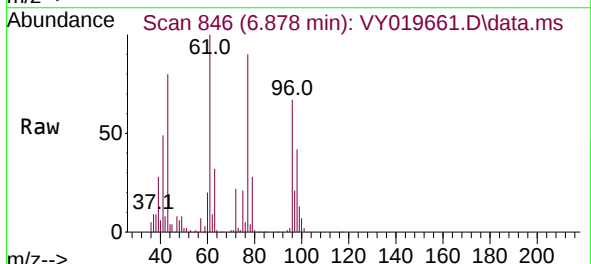
Instrument :
MSVOA_Y
ClientSampleId :

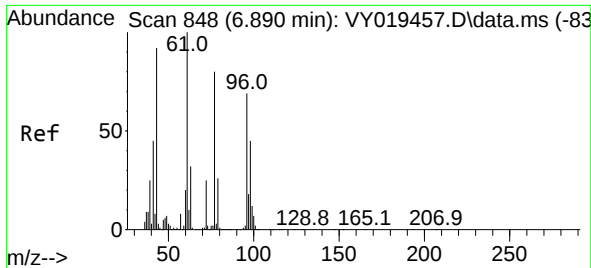
Tgt Ion: 43 Resp: 142849
Ion Ratio Lower Upper
43 100
72 27.8 27.3 40.9



#26
2,2-Dichloropropane
Concen: 21.316 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion: 77 Resp: 145616
Ion Ratio Lower Upper
77 100
97 22.2 12.0 36.1

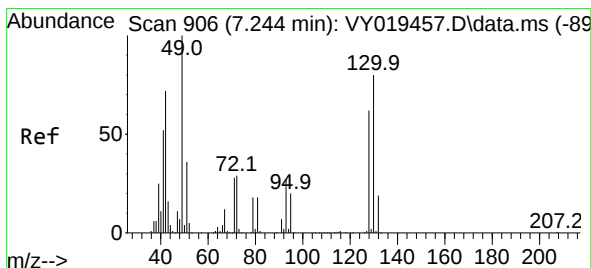
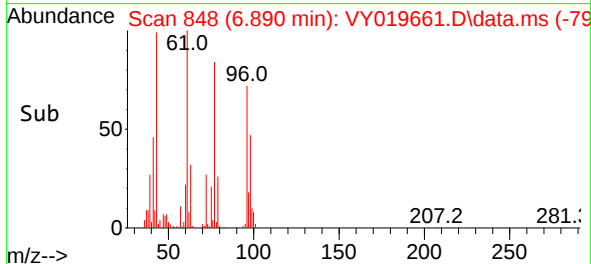
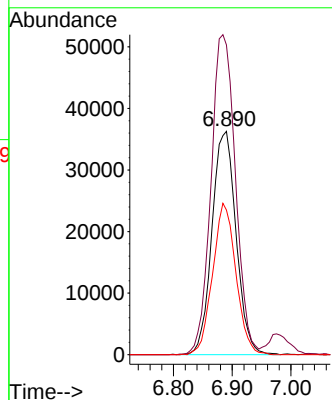
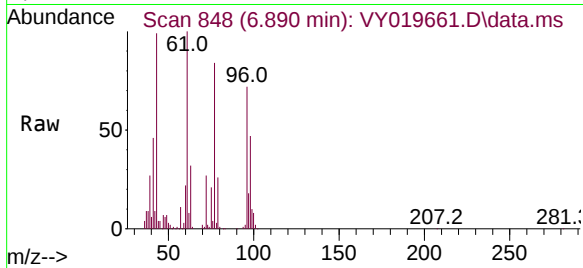




#27
 cis-1,2-Dichloroethene
 Concen: 21.244 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019661.D
 Acq: 23 Sep 2024 12:14

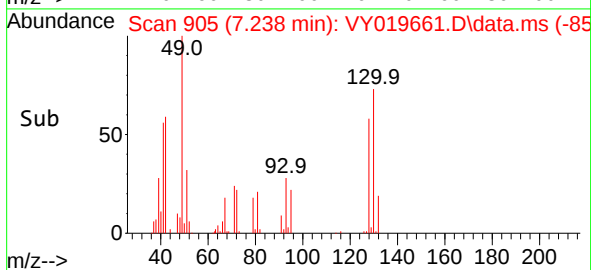
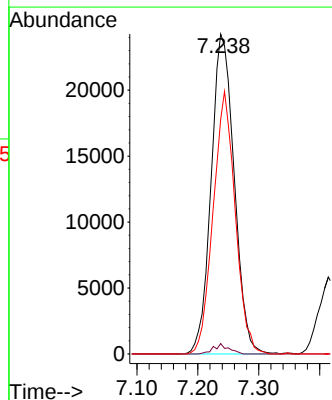
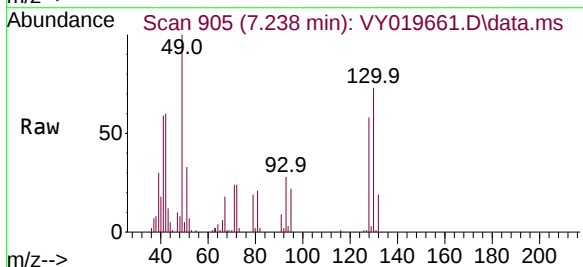
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 103664
 Ion Ratio Lower Upper
 96 100
 61 145.3 0.0 256.2
 98 65.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 20.017 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY019661.D
 Acq: 23 Sep 2024 12:14

Tgt Ion: 49 Resp: 63784
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 78.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 105.227 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

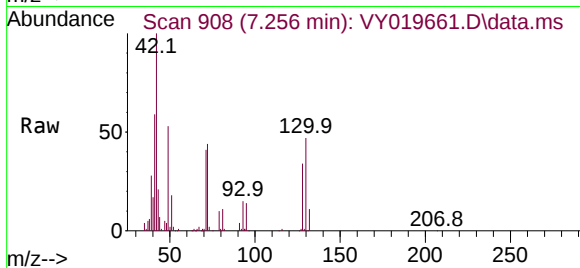
Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :



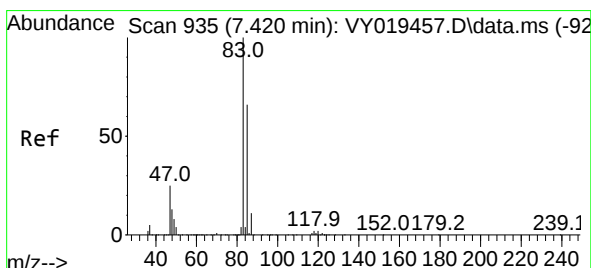
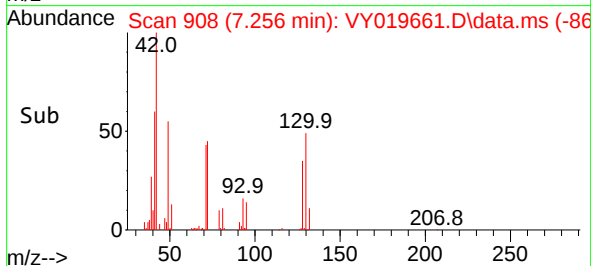
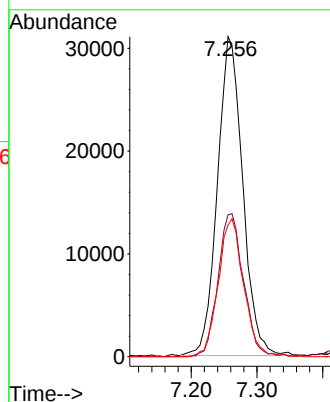
Tgt Ion: 42 Resp: 82920

Ion Ratio Lower Upper

42 100

72 45.5 43.0 64.4

71 43.2 40.8 61.2



#30

Chloroform

Concen: 22.292 ug/l

RT: 7.414 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY019661.D

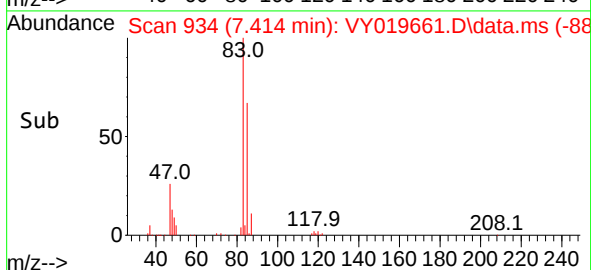
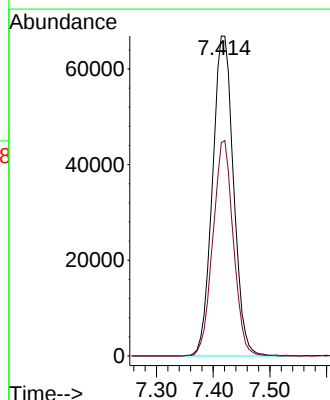
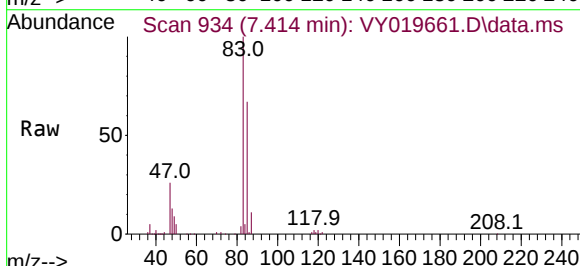
Acq: 23 Sep 2024 12:14

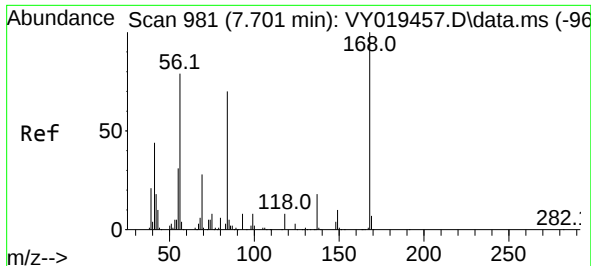
Tgt Ion: 83 Resp: 172342

Ion Ratio Lower Upper

83 100

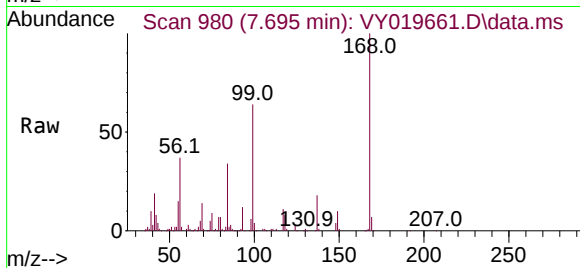
85 66.7 52.2 78.4



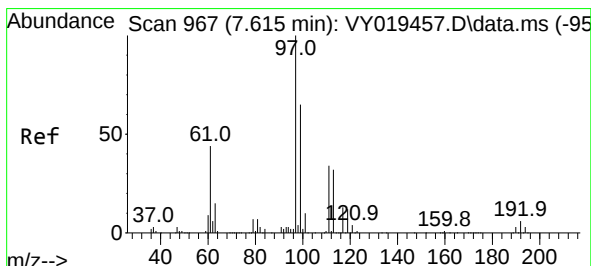
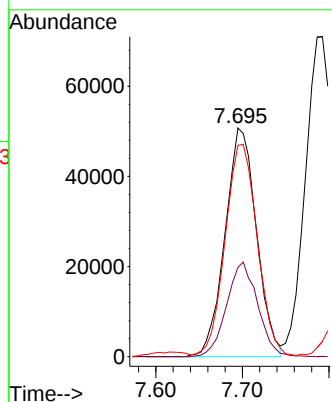
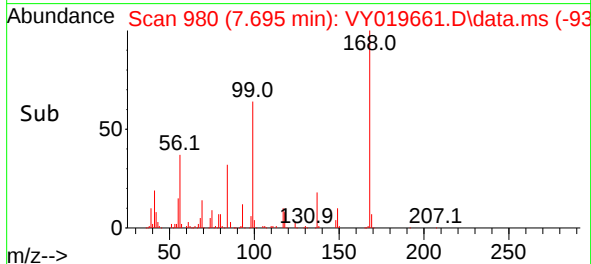


#31
Cyclohexane
Concen: 18.667 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Instrument :
MSVOA_Y
ClientSampleId :

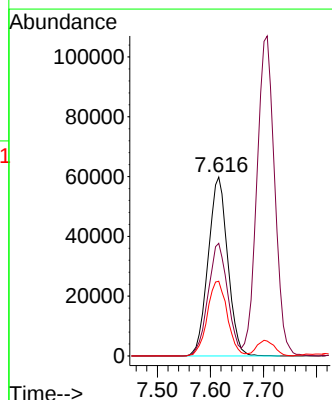
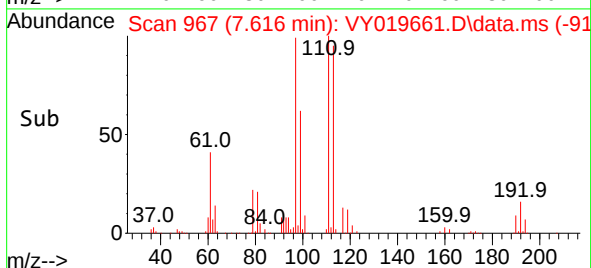
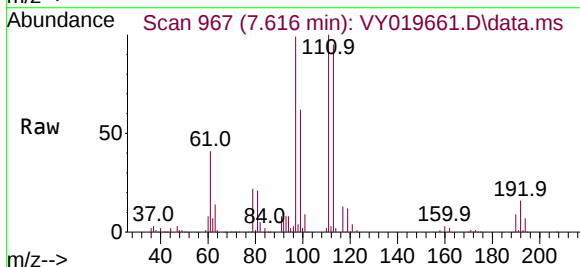


Tgt Ion: 56 Resp: 127787
Ion Ratio Lower Upper
56 100
69 39.0 28.7 43.1
84 90.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 22.074 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion: 97 Resp: 152963
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 42.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 57.958 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

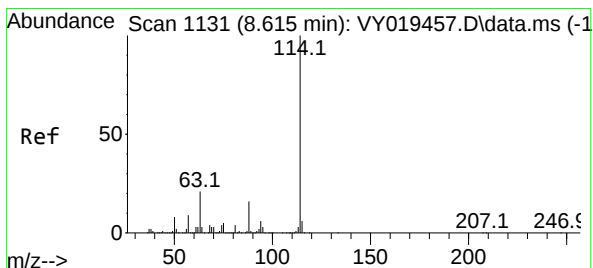
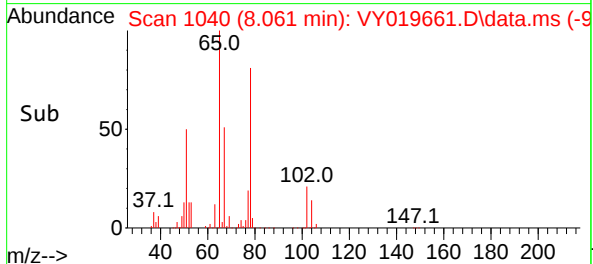
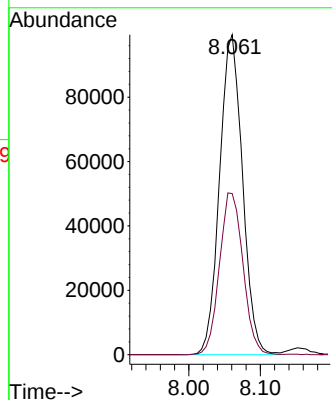
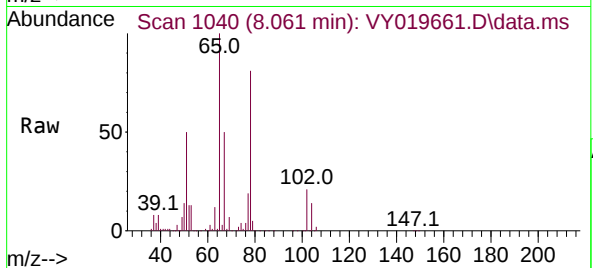
ClientSampleId :

Tgt Ion: 65 Resp: 221690

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

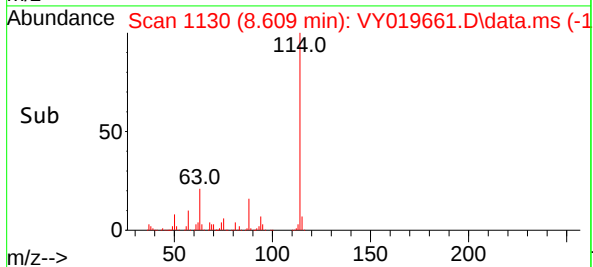
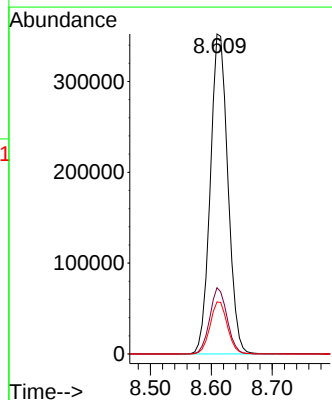
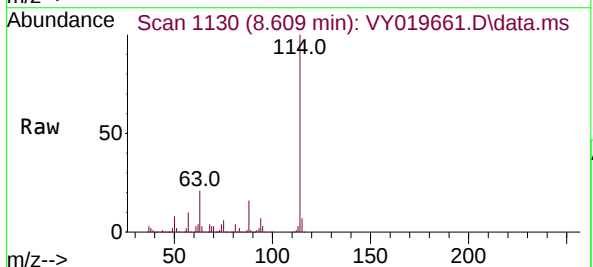
Tgt Ion: 114 Resp: 705197

Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

88 16.2 0.0 27.2

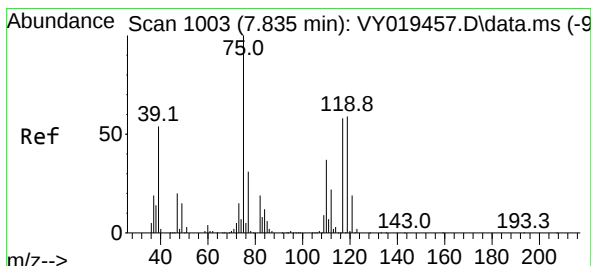
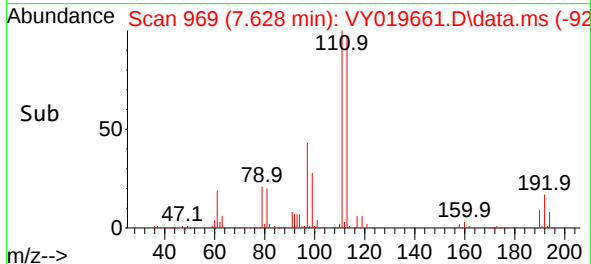
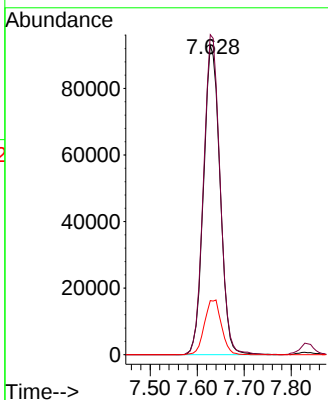
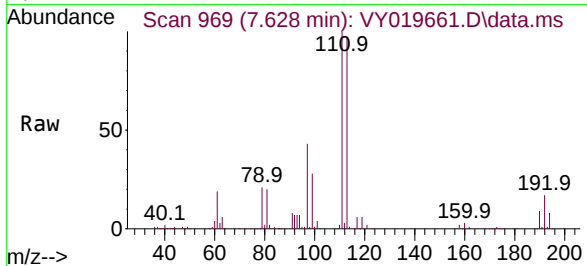




#35
Dibromofluoromethane
Concen: 56.494 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

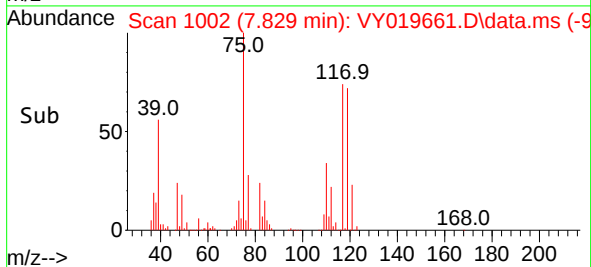
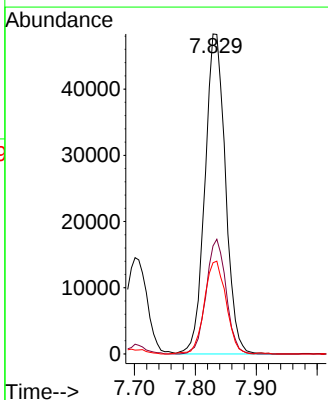
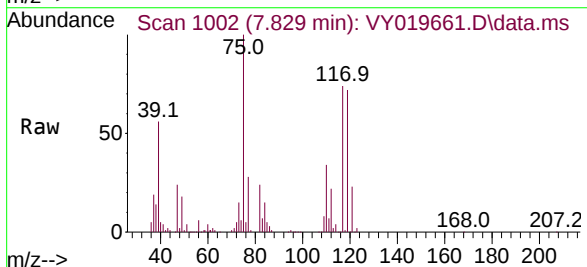
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 225881
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 18.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.794 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion: 75 Resp: 113133
Ion Ratio Lower Upper
75 100
110 34.9 19.0 57.0
77 30.7 25.3 37.9





#37

Ethyl Acetate

Concen: 21.895 ug/l

RT: 6.982 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

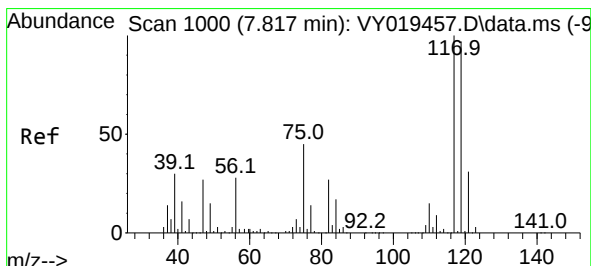
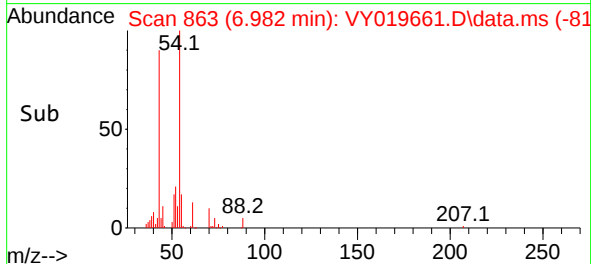
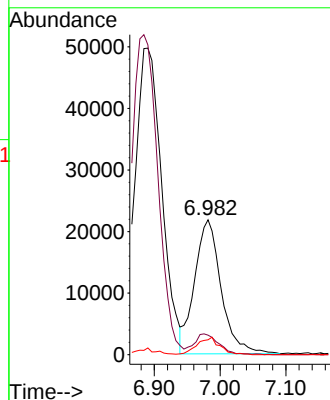
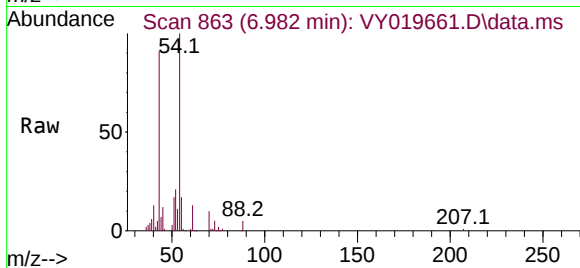
Tgt Ion: 43 Resp: 61034

Ion Ratio Lower Upper

43 100

61 14.7 12.6 19.0

70 11.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 21.322 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

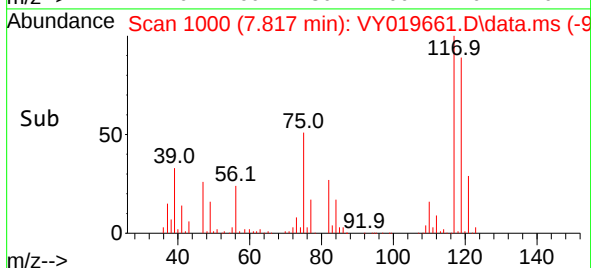
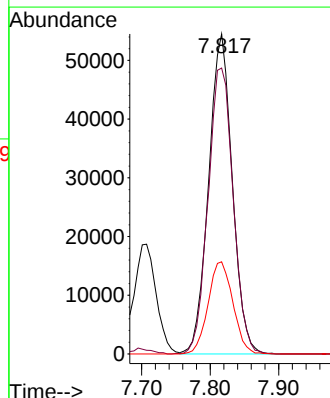
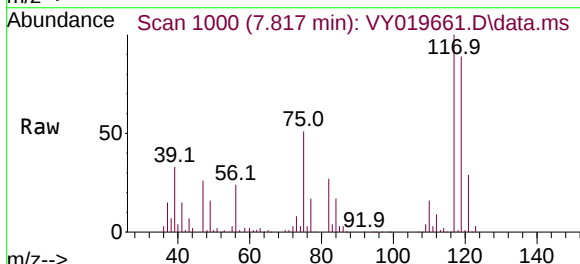
Tgt Ion: 117 Resp: 130818

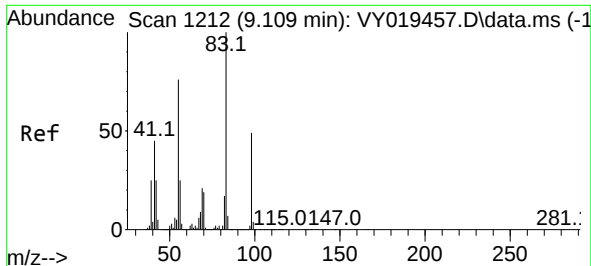
Ion Ratio Lower Upper

117 100

119 89.4 75.8 113.6

121 28.8 24.0 36.0





#39

Methylcyclohexane

Concen: 19.060 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

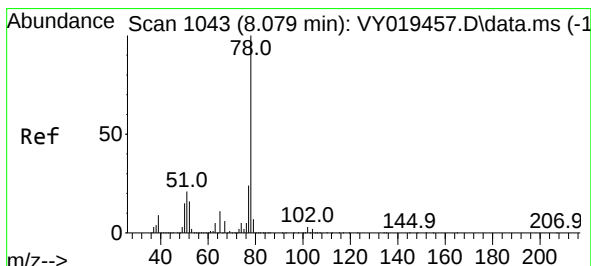
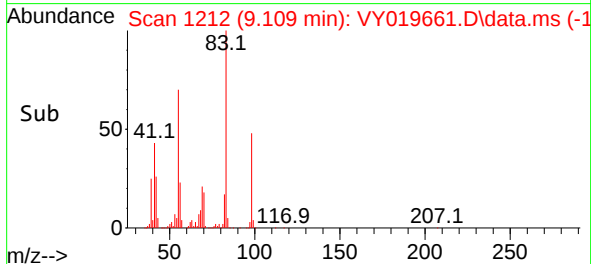
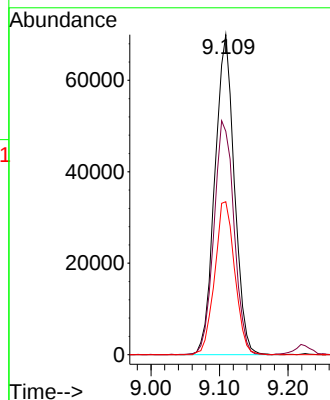
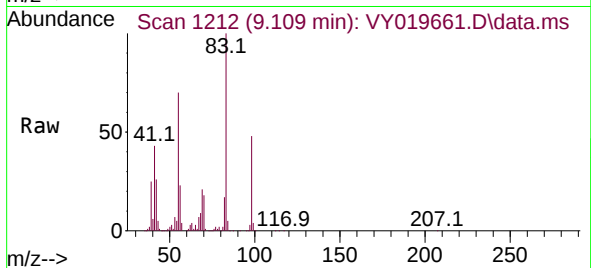
Tgt Ion: 83 Resp: 137999

Ion Ratio Lower Upper

83 100

55 69.7 51.5 77.3

98 47.8 40.5 60.7



#40

Benzene

Concen: 20.891 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019661.D

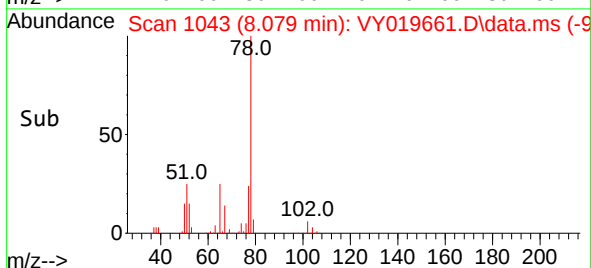
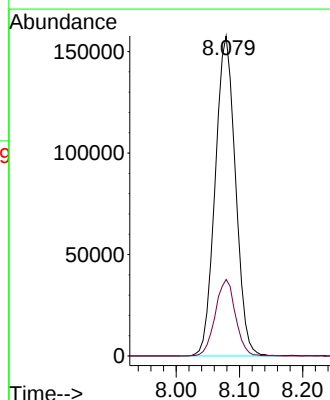
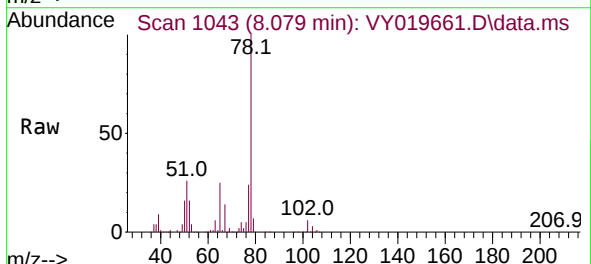
Acq: 23 Sep 2024 12:14

Tgt Ion: 78 Resp: 350082

Ion Ratio Lower Upper

78 100

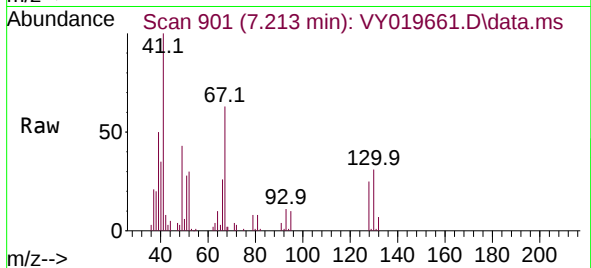
77 23.9 19.5 29.3



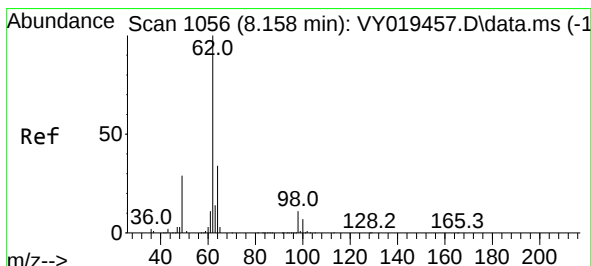
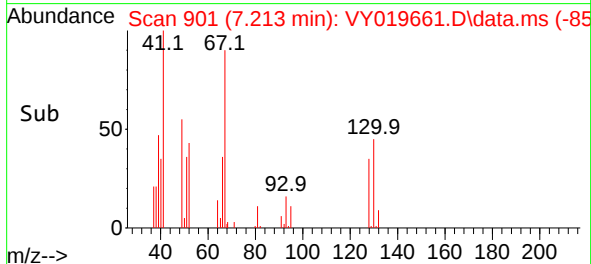
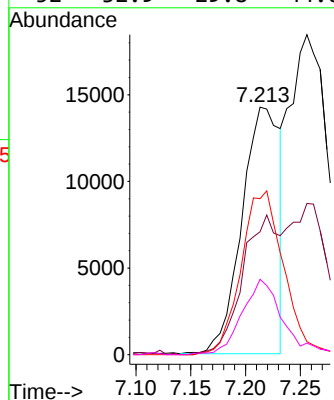


#41
Methacrylonitrile
Concen: 21.026 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Instrument :
MSVOA_Y
ClientSampleId :

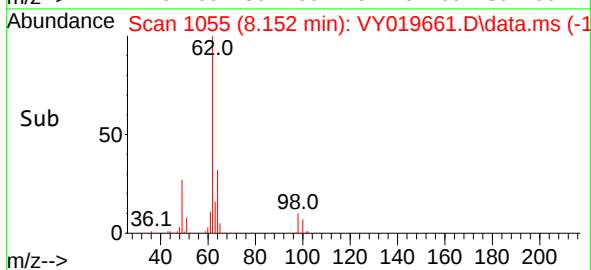
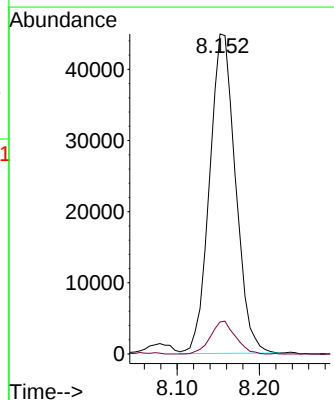
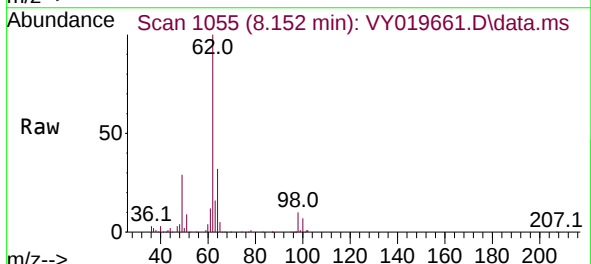


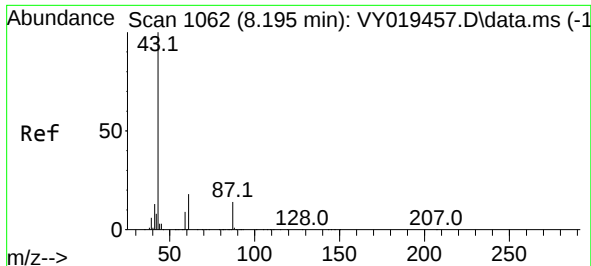
Tgt Ion:	41	Resp:	34166
Ion Ratio	Lower	Upper	
41	100		
39	54.9	48.0	72.0
67	75.1	75.1	112.7
52	32.9	29.8	44.6



#42
1,2-Dichloroethane
Concen: 21.872 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion:	62	Resp:	98623
Ion Ratio	Lower	Upper	
62	100		
98	9.8	0.0	22.0

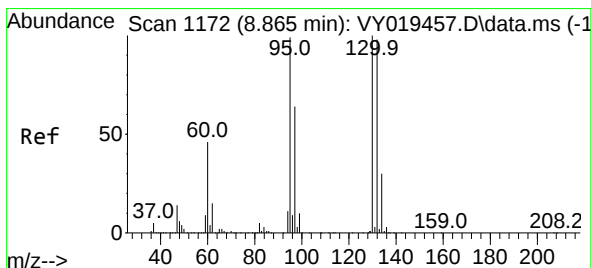
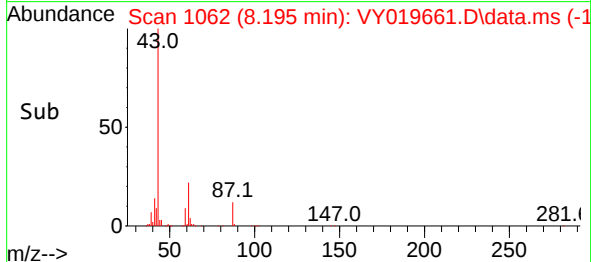
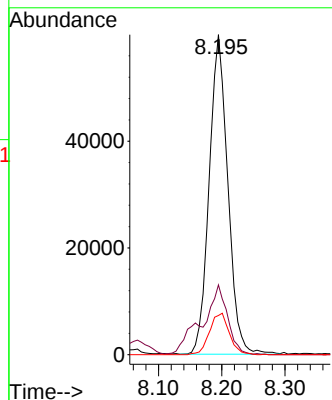
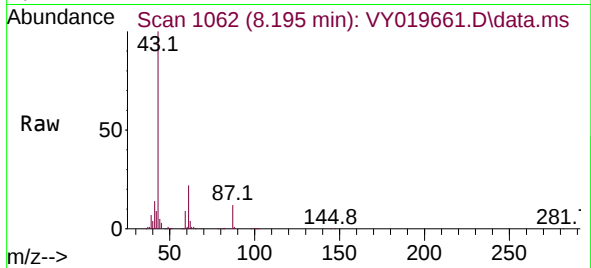




#43
Isopropyl Acetate
Concen: 20.993 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

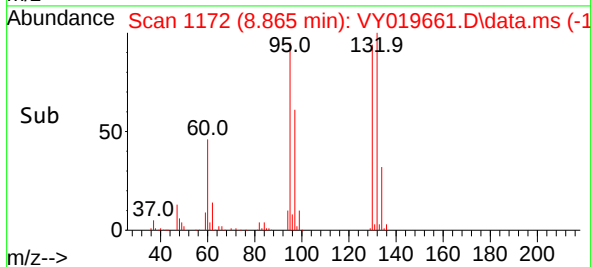
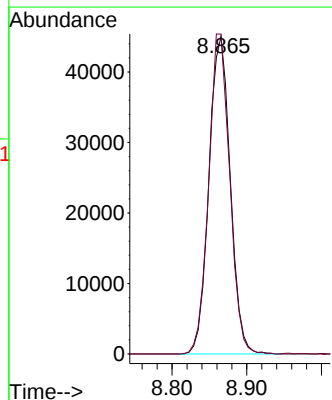
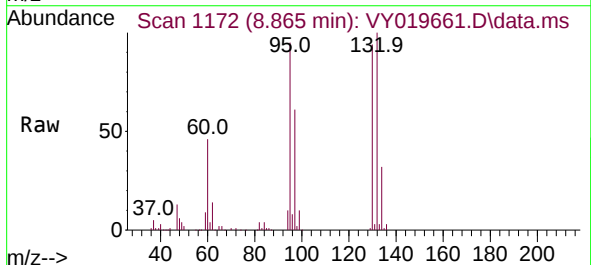
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 122947
Ion Ratio Lower Upper
43 100
61 20.2 27.9 41.9#
87 13.7 13.1 19.7



#44
Trichloroethene
Concen: 20.746 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion:130 Resp: 89410
Ion Ratio Lower Upper
130 100
95 100.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.224 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

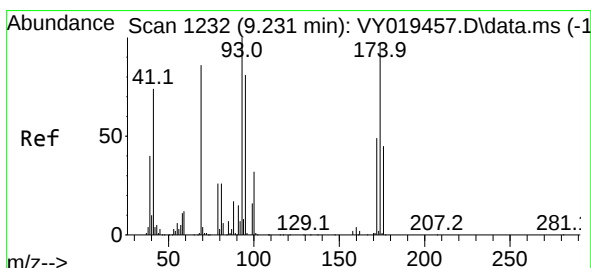
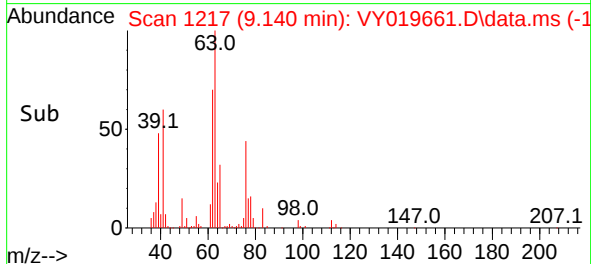
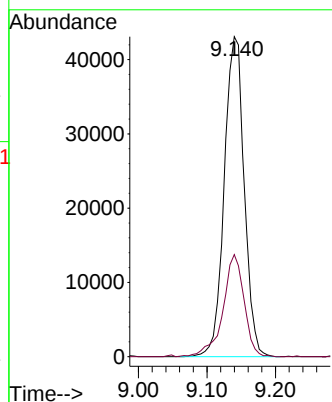
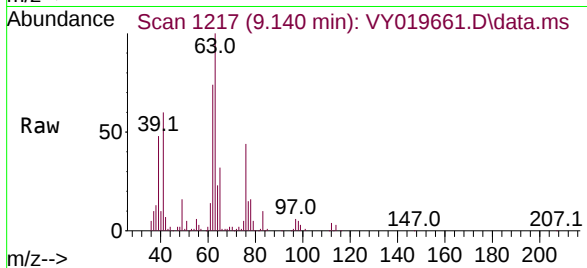
ClientSampleId :

Tgt Ion: 63 Resp: 86948

Ion Ratio Lower Upper

63 100

65 31.9 25.4 38.2



#46

Dibromomethane

Concen: 22.063 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

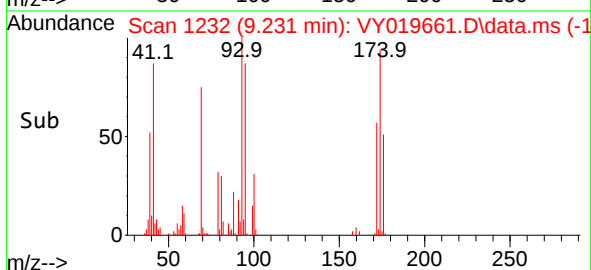
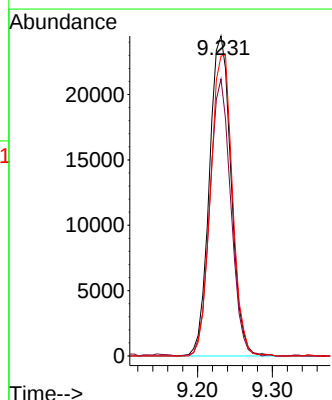
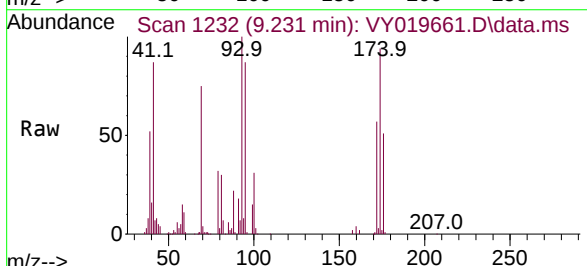
Tgt Ion: 93 Resp: 49428

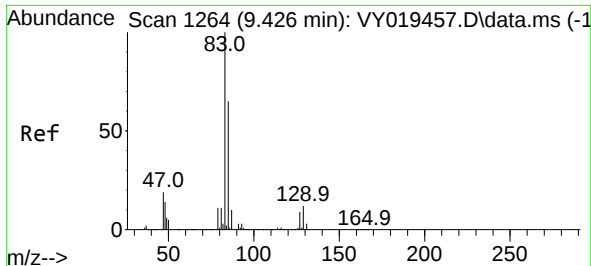
Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

174 94.3 80.9 121.3

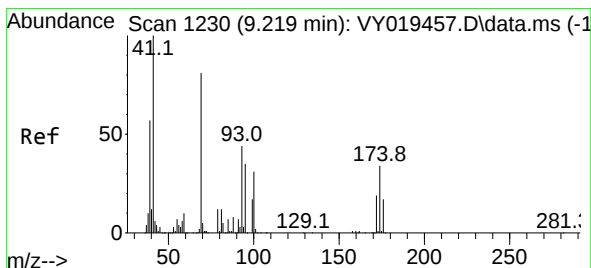
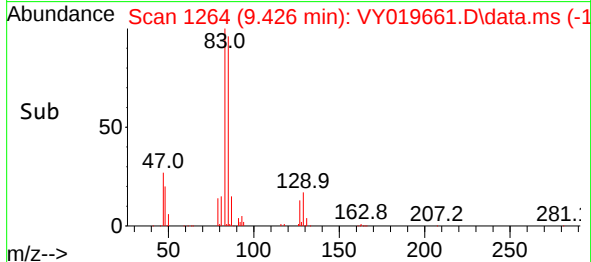
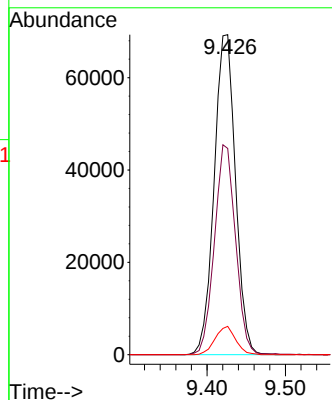
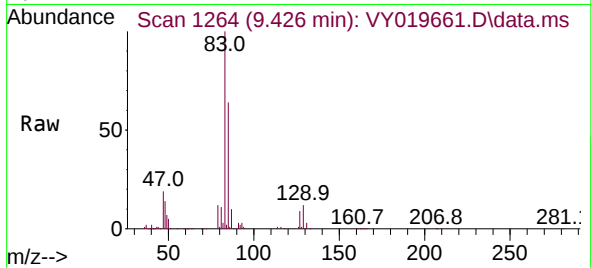




#47
Bromodichloromethane
Concen: 21.812 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

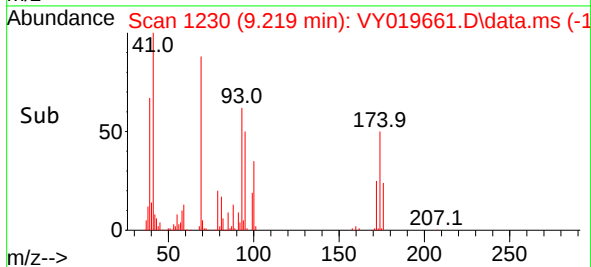
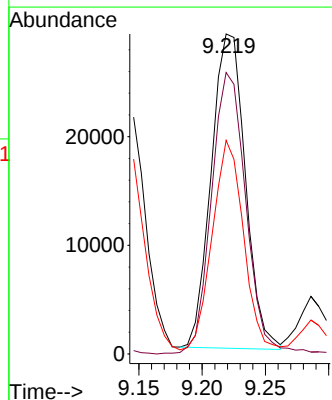
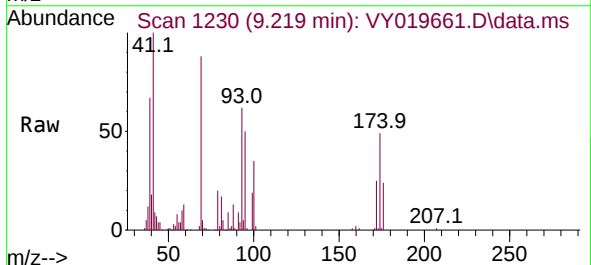
Instrument :
MSVOA_Y
ClientSampleId :

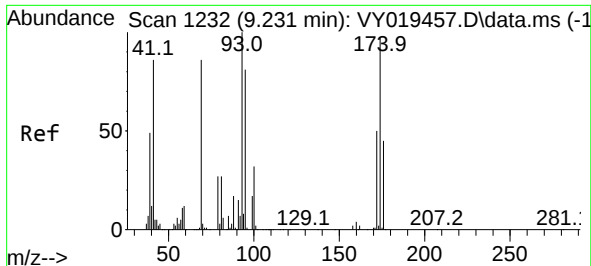
Tgt Ion: 83 Resp: 131354
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 19.594 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion: 41 Resp: 54191
Ion Ratio Lower Upper
41 100
69 91.0 84.1 126.1
39 63.5 43.6 65.4





#49

1,4-Dioxane

Concen: 468.618 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

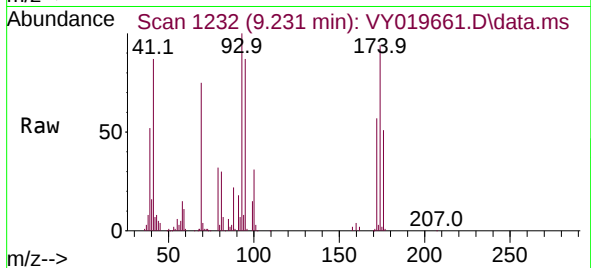
Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :



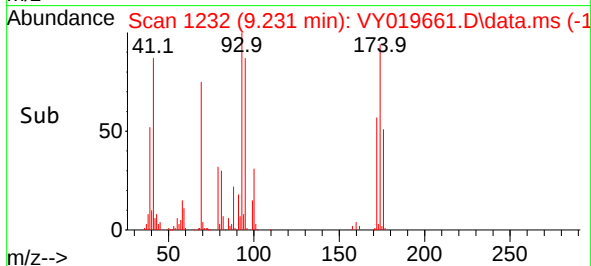
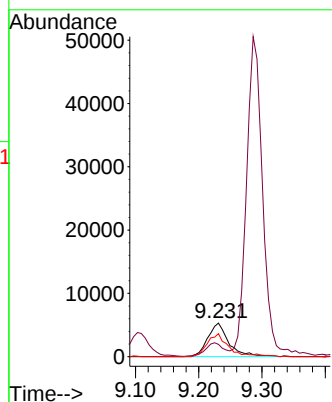
Tgt Ion: 88 Resp: 12359

Ion Ratio Lower Upper

88 100

43 35.4 0.0 0.0#

58 70.1 49.3 73.9



#50

Toluene-d8

Concen: 55.356 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019661.D

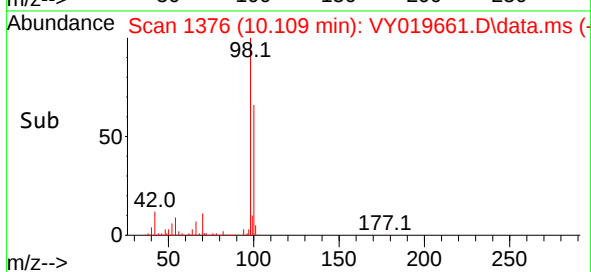
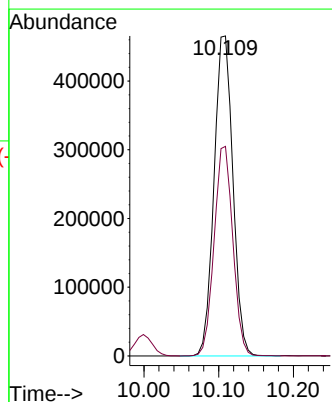
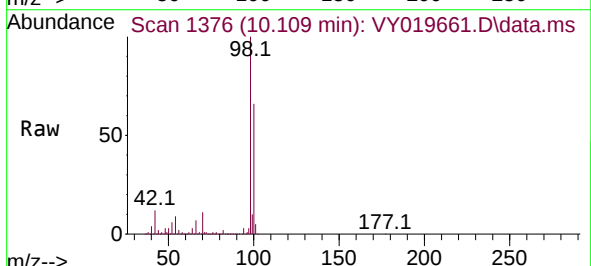
Acq: 23 Sep 2024 12:14

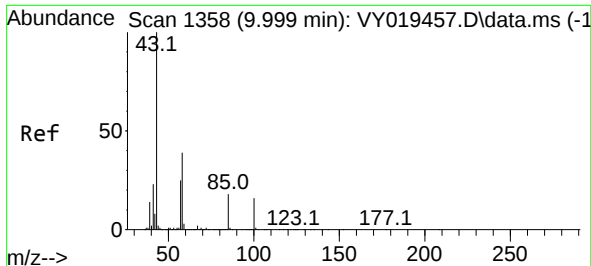
Tgt Ion: 98 Resp: 818654

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 105.971 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

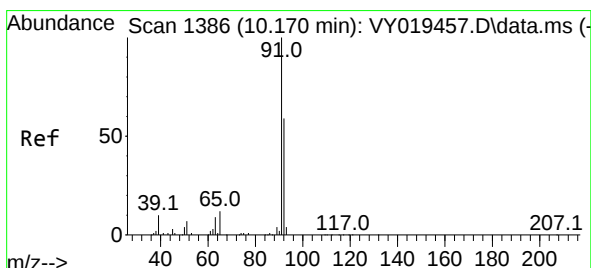
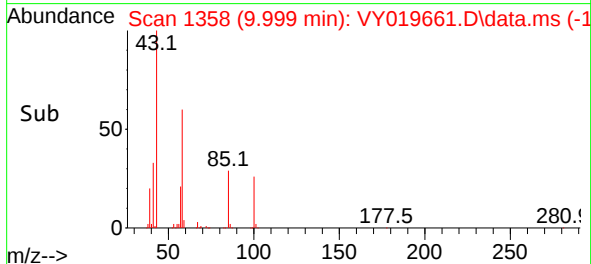
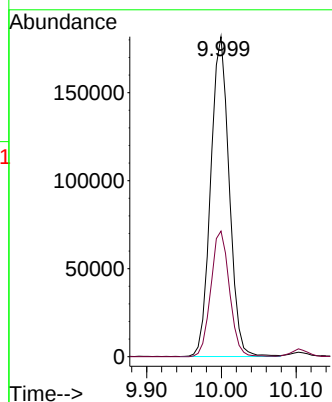
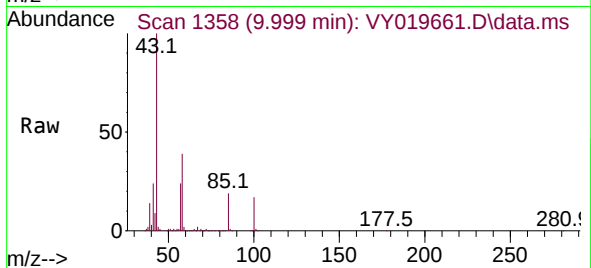
ClientSampleId :

Tgt Ion: 43 Resp: 312232

Ion Ratio Lower Upper

43 100

58 39.6 35.7 53.5



#52

Toluene

Concen: 20.925 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019661.D

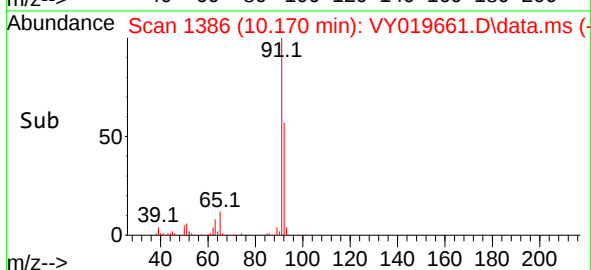
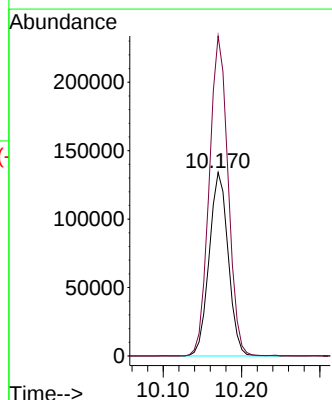
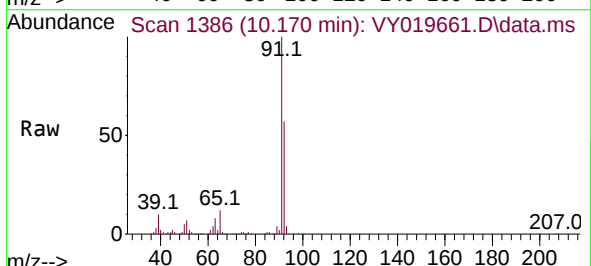
Acq: 23 Sep 2024 12:14

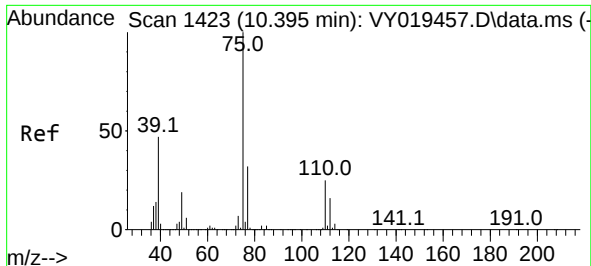
Tgt Ion: 92 Resp: 225519

Ion Ratio Lower Upper

92 100

91 173.3 139.0 208.6

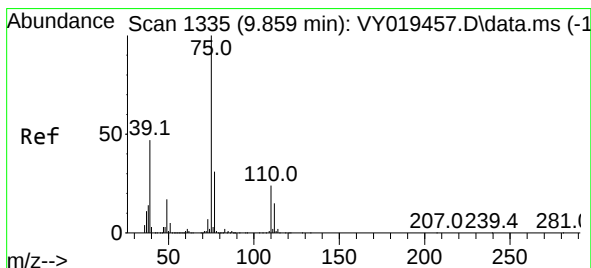
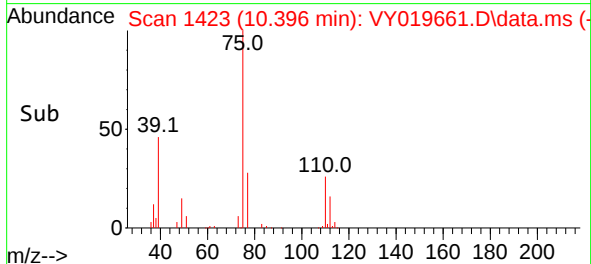
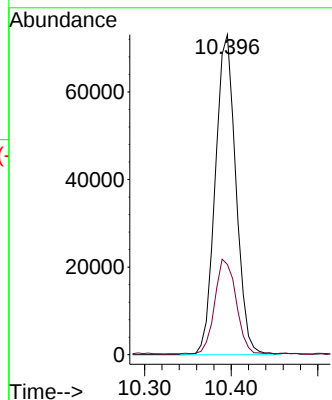
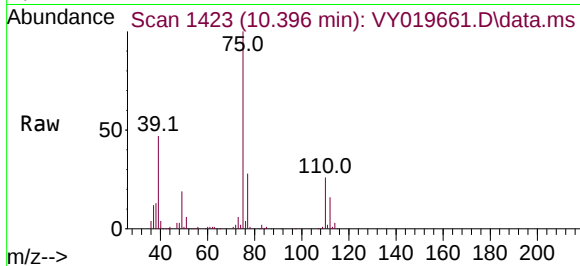




#53
t-1,3-Dichloropropene
Concen: 21.006 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

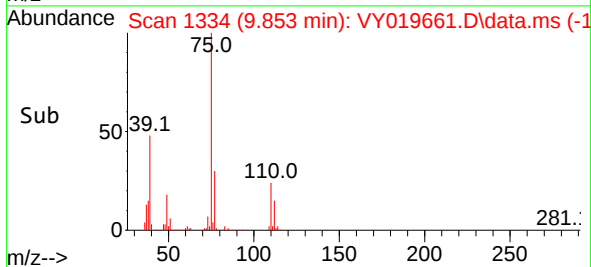
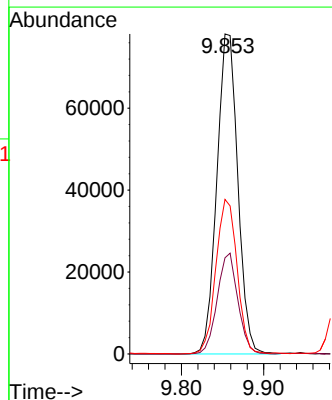
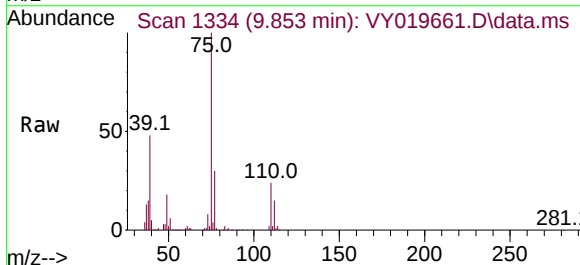
Instrument :
MSVOA_Y
ClientSampleId :

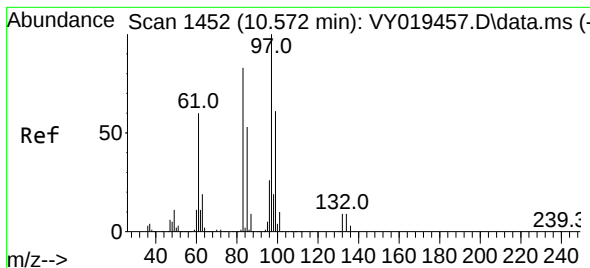
Tgt Ion: 75 Resp: 120591
Ion Ratio Lower Upper
75 100
77 27.9 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 20.745 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion: 75 Resp: 138670
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0
39 48.3 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 22.013 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

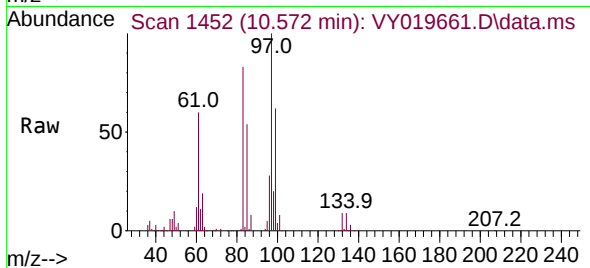
Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 68104

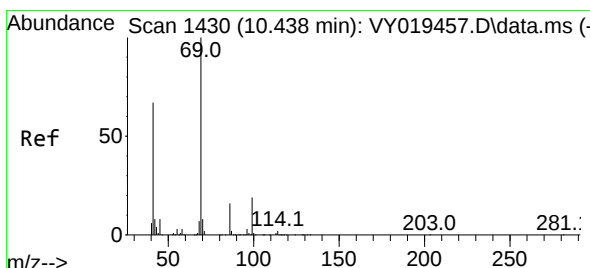
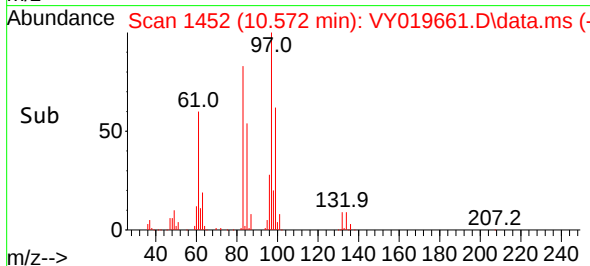
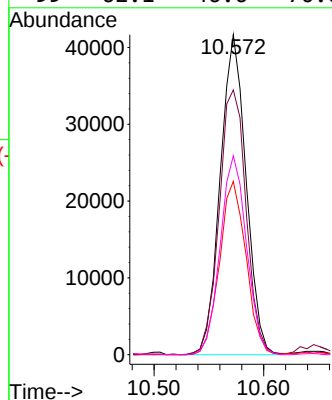
Ion Ratio Lower Upper

97 100

83 82.7 67.5 101.3

85 54.1 42.9 64.3

99 62.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 21.179 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

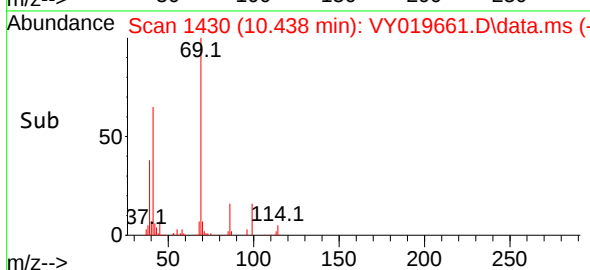
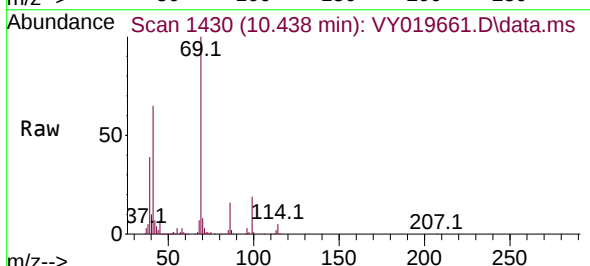
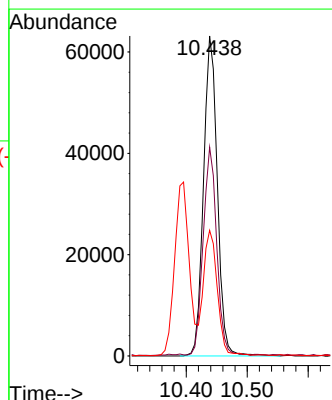
Tgt Ion: 69 Resp: 99533

Ion Ratio Lower Upper

69 100

41 64.0 42.3 63.5#

39 38.2 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 21.668 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

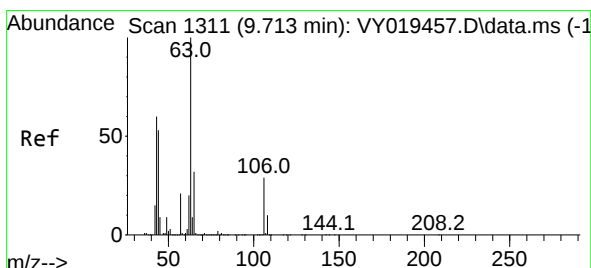
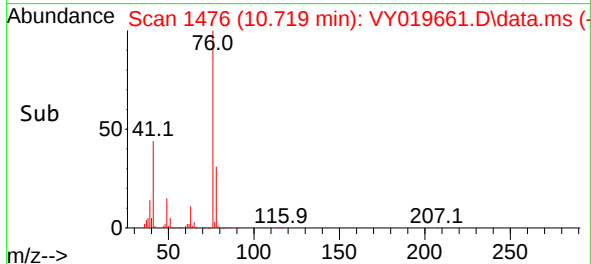
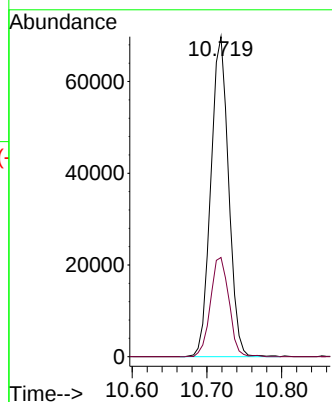
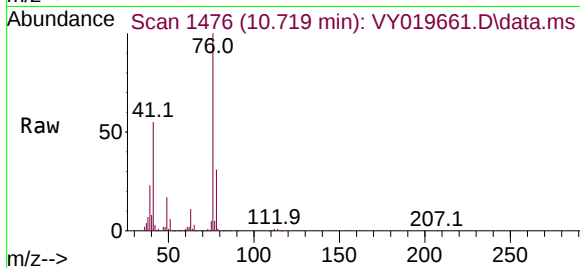
ClientSampleId :

Tgt Ion: 76 Resp: 115229

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 107.106 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019661.D

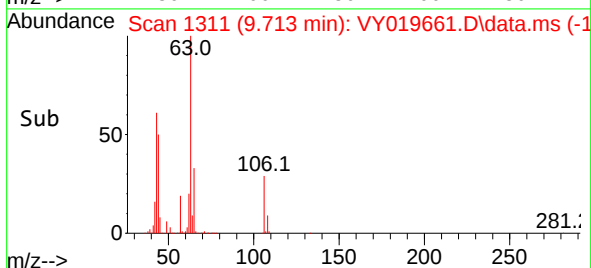
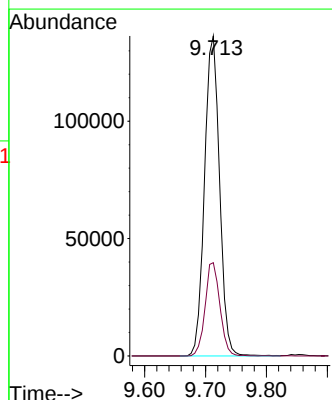
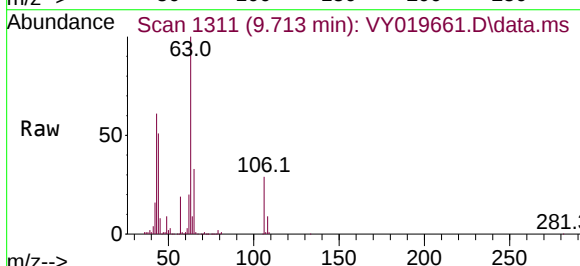
Acq: 23 Sep 2024 12:14

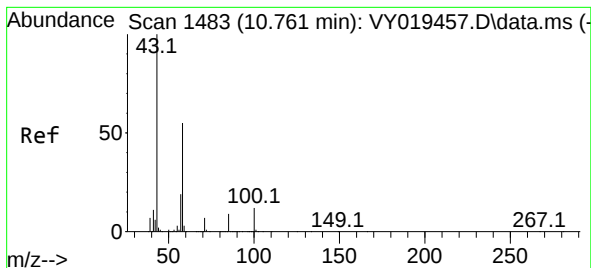
Tgt Ion: 63 Resp: 233623

Ion Ratio Lower Upper

63 100

106 28.7 23.7 35.5

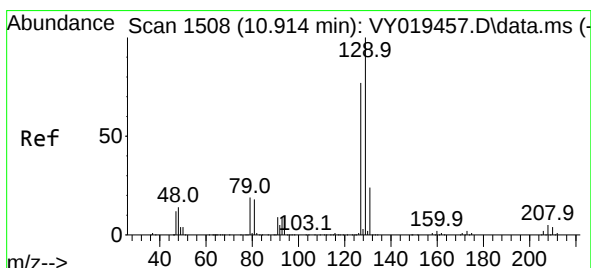
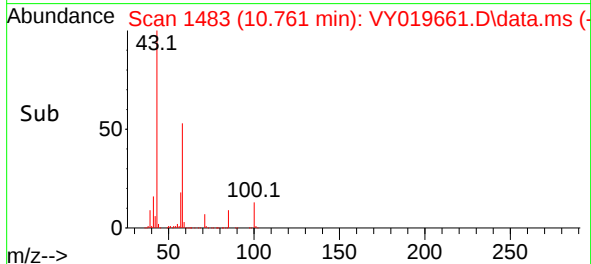
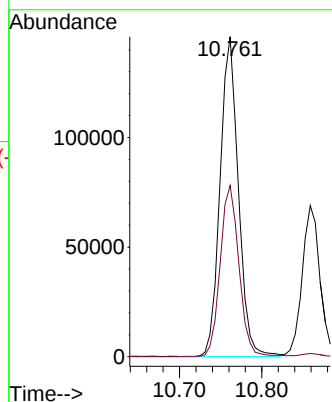
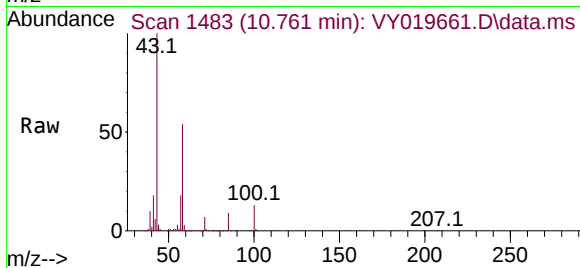




#59
2-Hexanone
Concen: 104.327 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

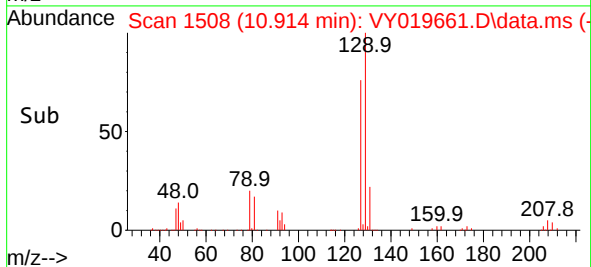
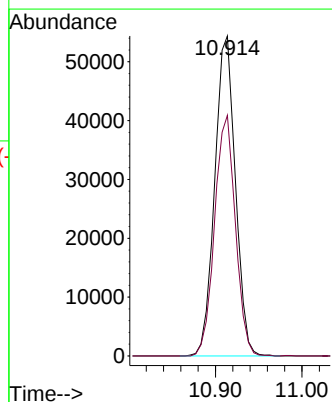
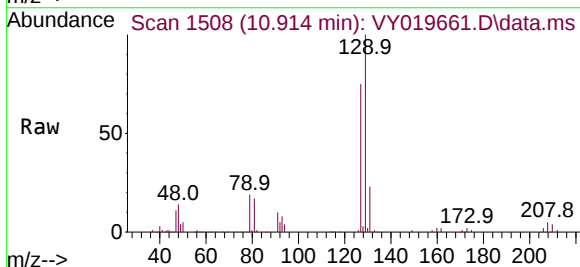
Instrument :
MSVOA_Y
ClientSampleId :

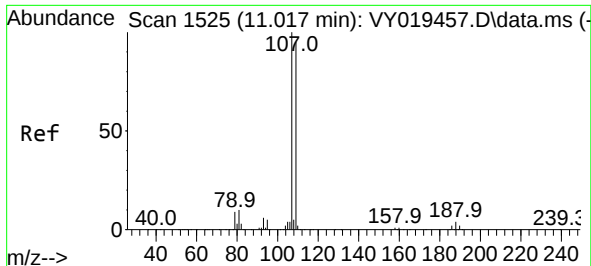
Tgt Ion: 43 Resp: 225356
Ion Ratio Lower Upper
43 100
58 55.0 31.4 94.0



#60
Dibromochloromethane
Concen: 21.981 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion:129 Resp: 89959
Ion Ratio Lower Upper
129 100
127 75.8 39.0 117.0

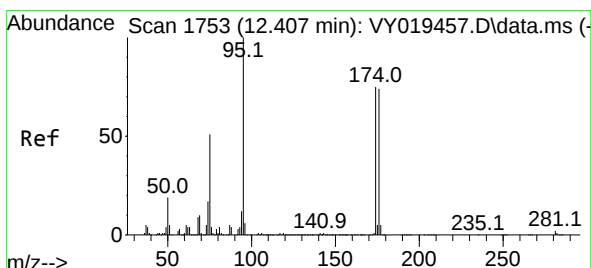
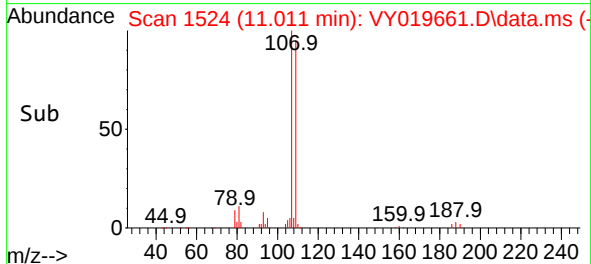
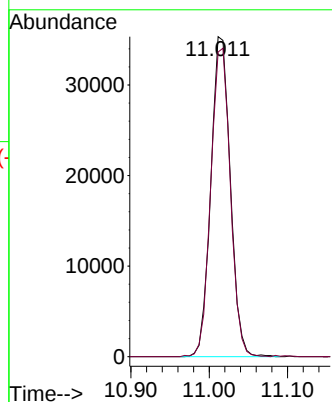
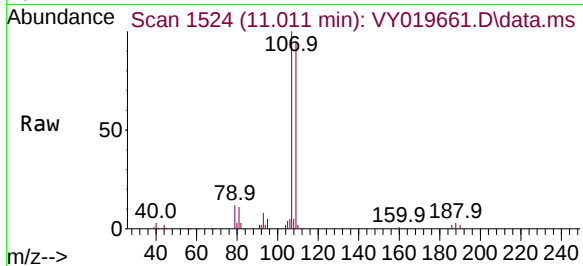




#61
1,2-Dibromoethane
Concen: 21.166 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

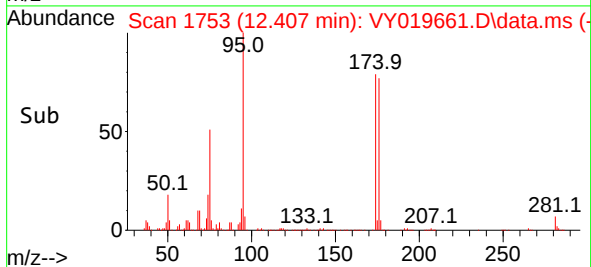
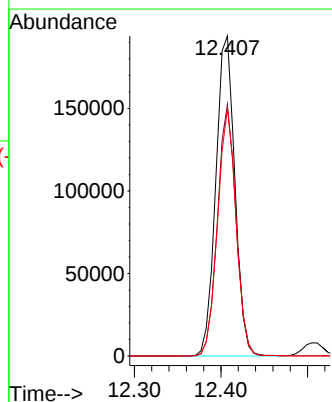
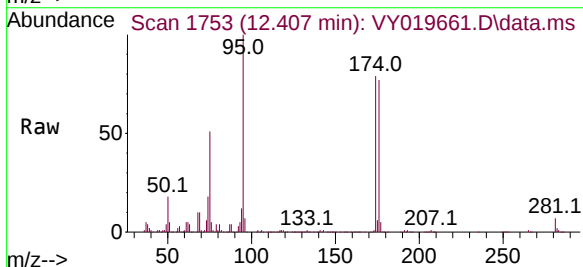
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 61013
Ion Ratio Lower Upper
107 100
109 96.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.021 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion: 95 Resp: 295817
Ion Ratio Lower Upper
95 100
174 76.4 0.0 175.6
176 74.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

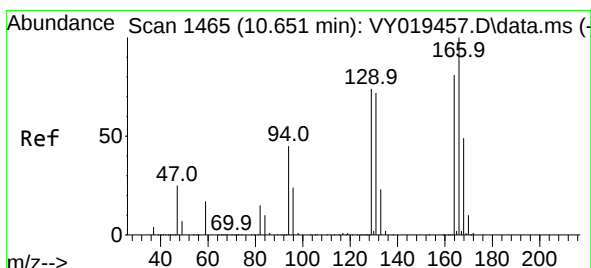
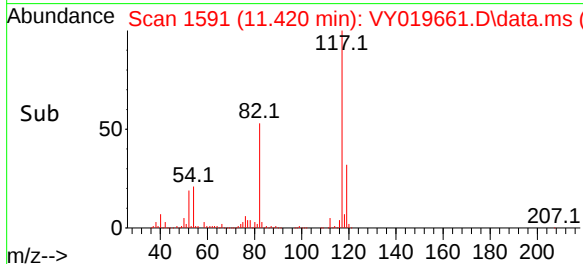
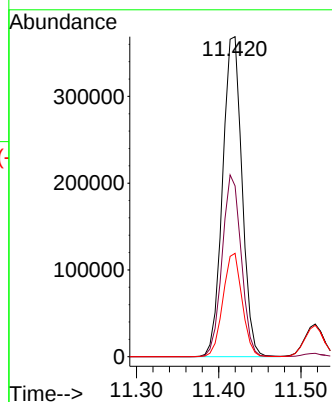
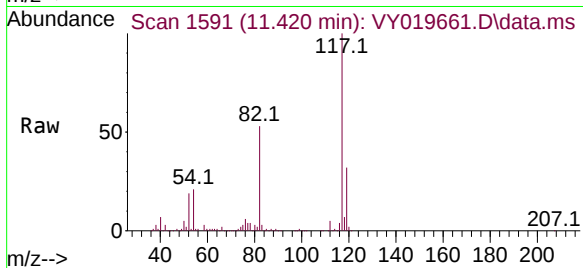
Tgt Ion:117 Resp: 606488

Ion Ratio Lower Upper

117 100

82 53.4 42.4 63.6

119 32.3 25.9 38.9



#64

Tetrachloroethene

Concen: 20.944 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Tgt Ion:164 Resp: 78660

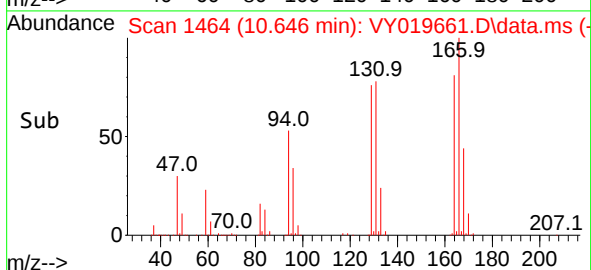
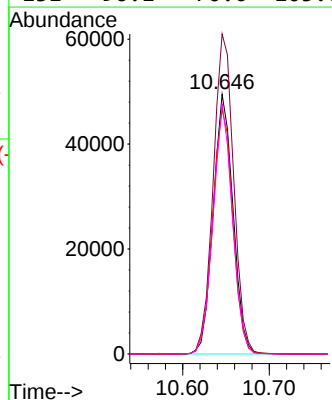
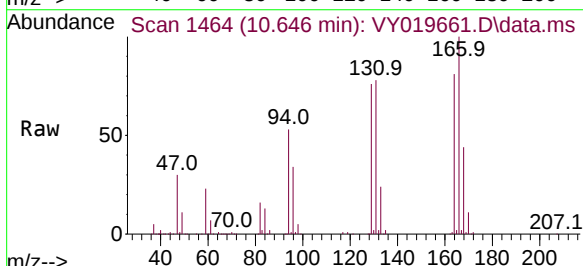
Ion Ratio Lower Upper

164 100

166 123.3 102.6 154.0

129 94.3 72.0 108.0

131 96.1 70.0 105.0

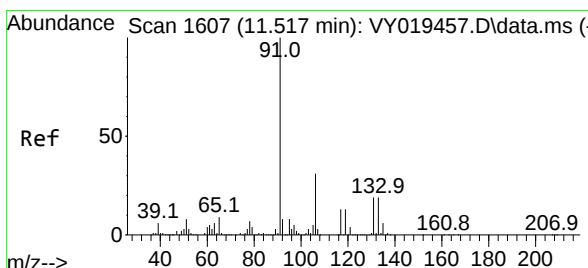
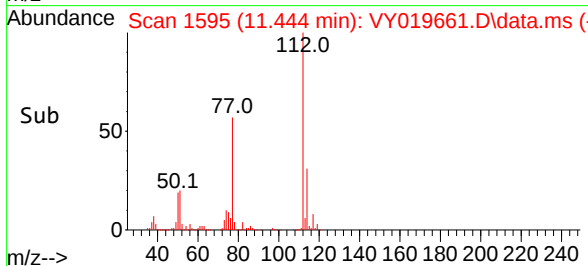
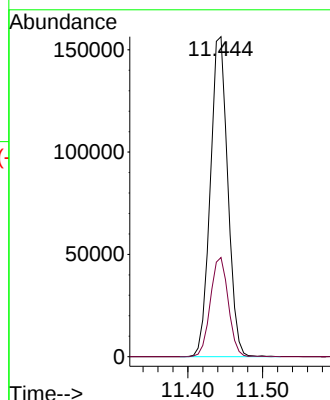
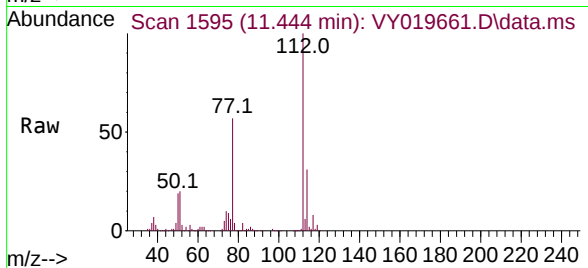




#65
Chlorobenzene
Concen: 21.290 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

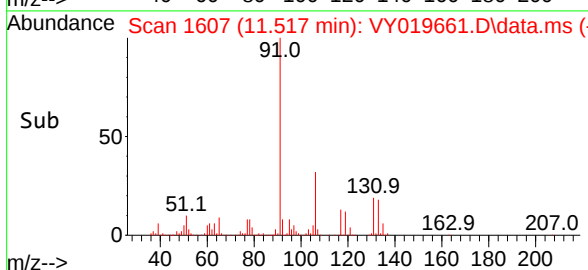
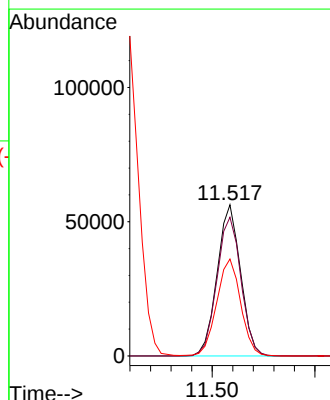
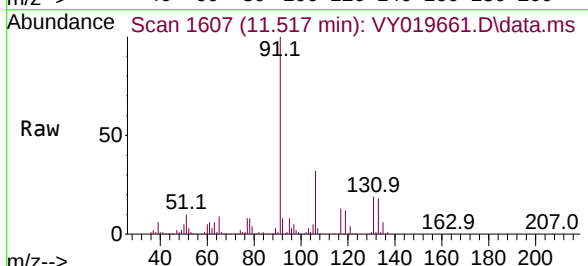
Instrument :
MSVOA_Y
ClientSampleId :

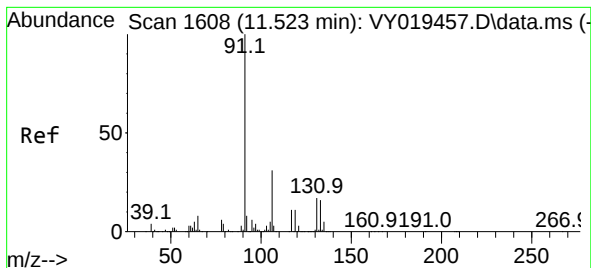
Tgt Ion:112 Resp: 253995
Ion Ratio Lower Upper
112 100
114 31.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.510 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion:131 Resp: 88848
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.3
119 65.9 34.1 102.2





#67

Ethyl Benzene

Concen: 21.064 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

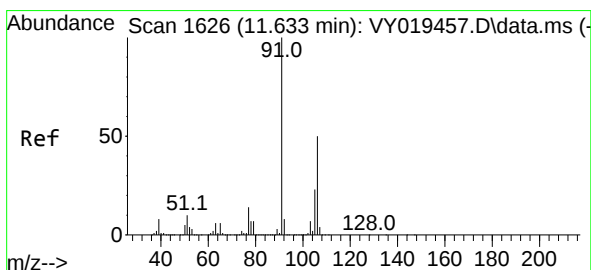
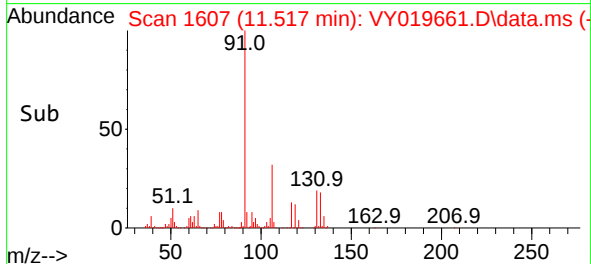
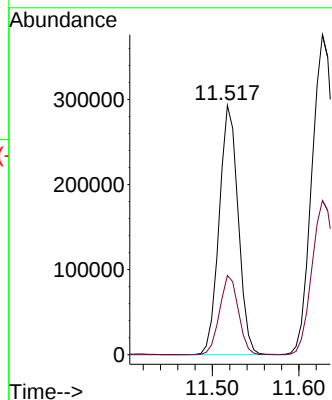
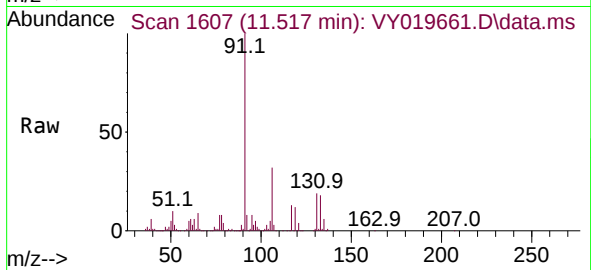
ClientSampleId :

Tgt Ion: 91 Resp: 446500

Ion Ratio Lower Upper

91 100

106 31.8 24.5 36.7



#68

m/p-Xylenes

Concen: 41.831 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019661.D

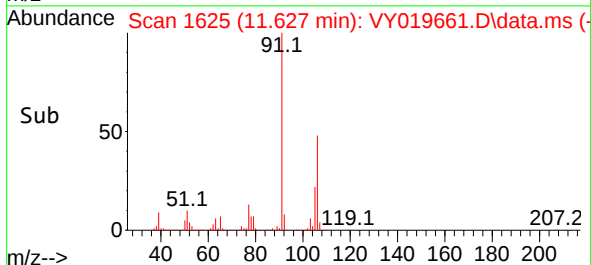
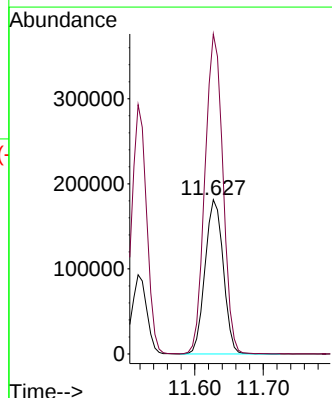
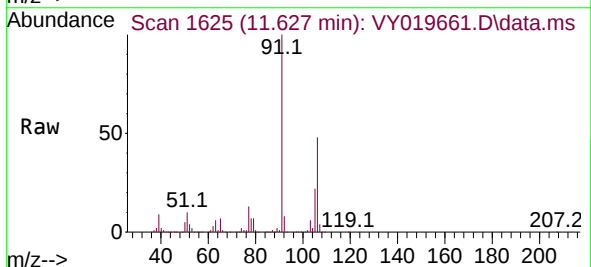
Acq: 23 Sep 2024 12:14

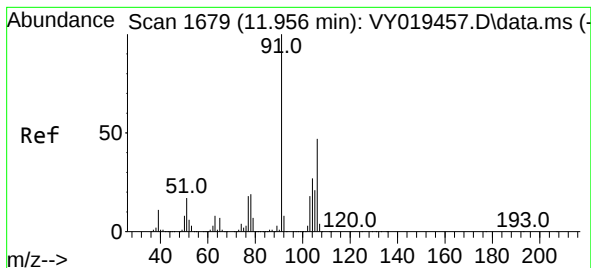
Tgt Ion:106 Resp: 335285

Ion Ratio Lower Upper

106 100

91 204.4 156.0 234.0





#69

o-Xylene

Concen: 21.212 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

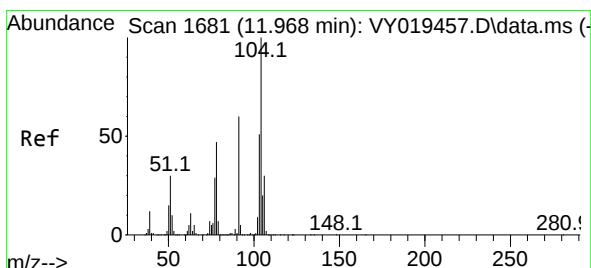
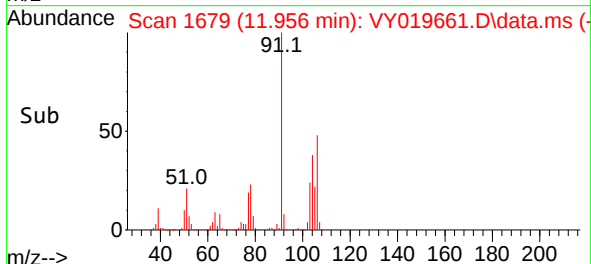
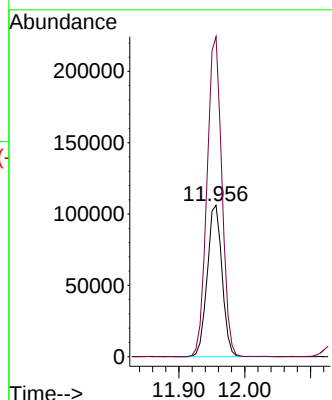
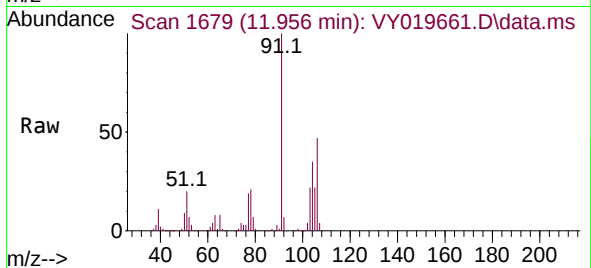
ClientSampleId :

Tgt Ion:106 Resp: 166277

Ion Ratio Lower Upper

106 100

91 212.1 103.6 310.8



#70

Styrene

Concen: 21.099 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

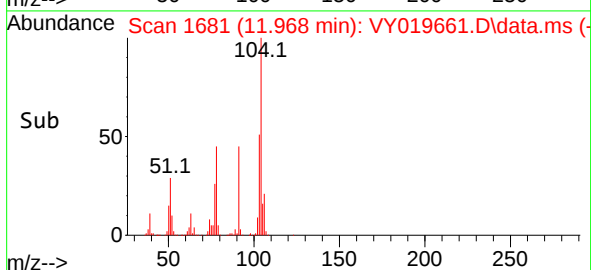
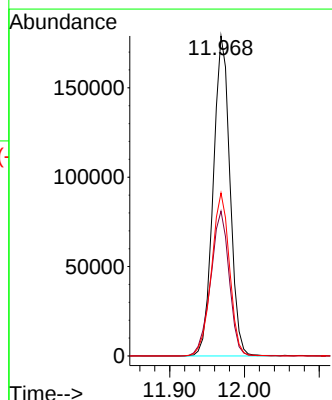
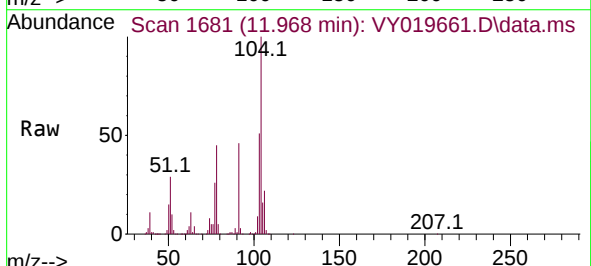
Tgt Ion:104 Resp: 279242

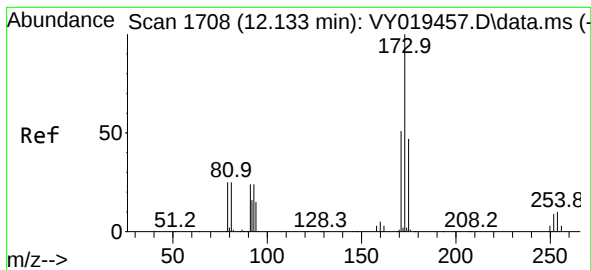
Ion Ratio Lower Upper

104 100

78 49.9 37.0 55.4

103 54.8 44.2 66.2





#71

Bromoform

Concen: 21.162 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019661.D

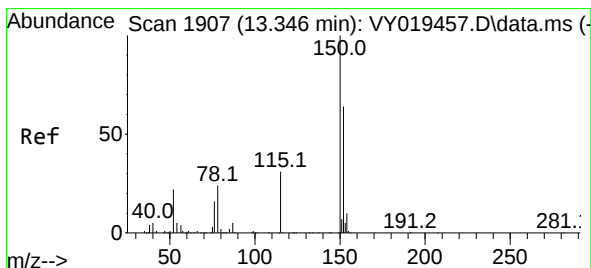
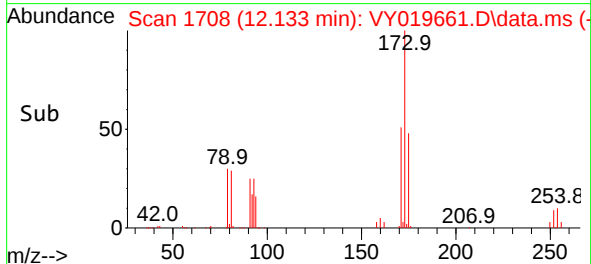
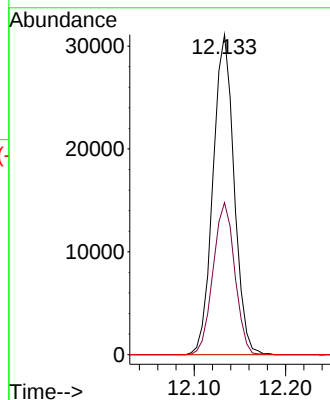
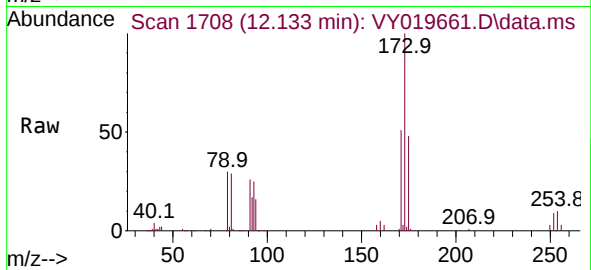
Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	49926
Ion Ratio	Lower	Upper
173	100	
175	48.8	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

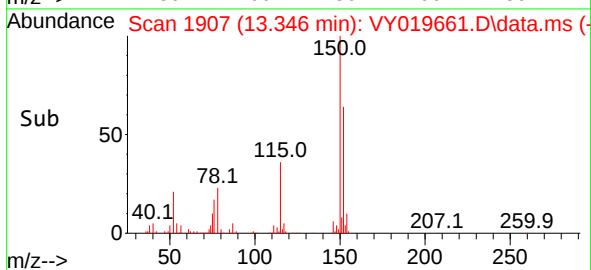
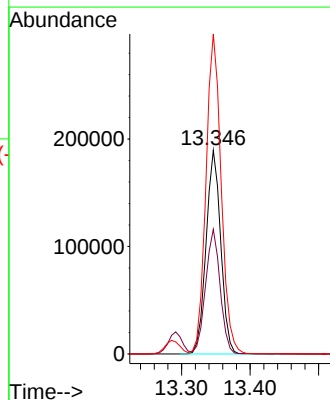
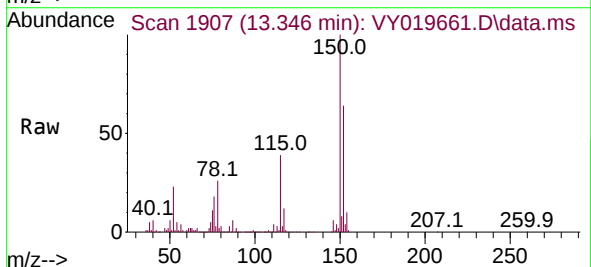
RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Tgt Ion:152	Resp:	281639
Ion Ratio	Lower	Upper
152	100	
115	60.6	28.2 84.7
150	163.1	0.0 345.6





#73

Isopropylbenzene

Concen: 21.711 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

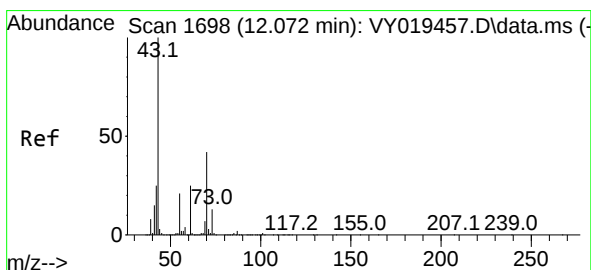
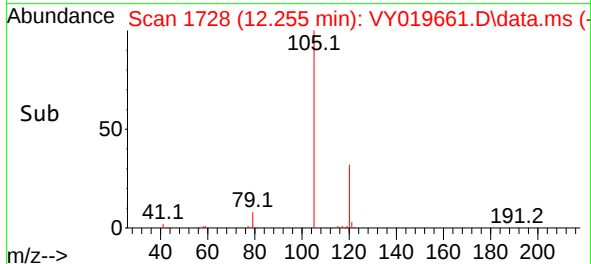
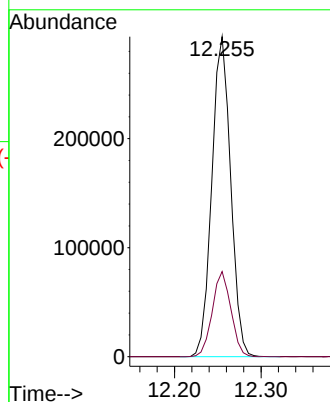
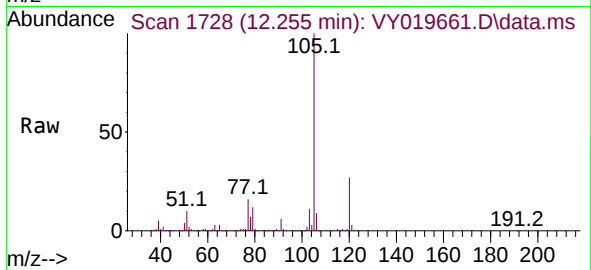
ClientSampleId :

Tgt Ion:105 Resp: 443608

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.1



#74

N-ethyl acetate

Concen: 20.232 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Tgt Ion: 43 Resp: 112425

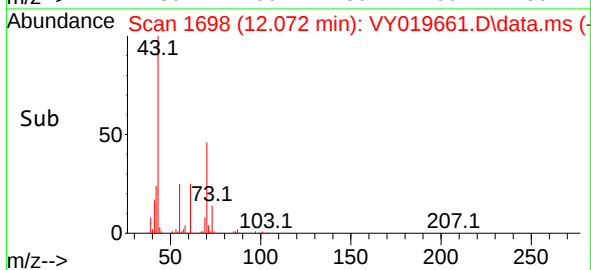
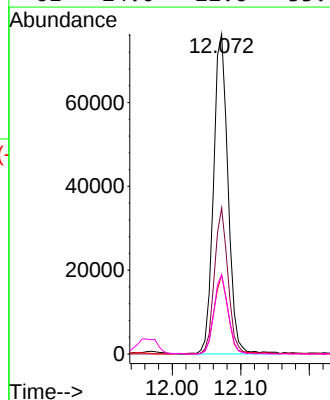
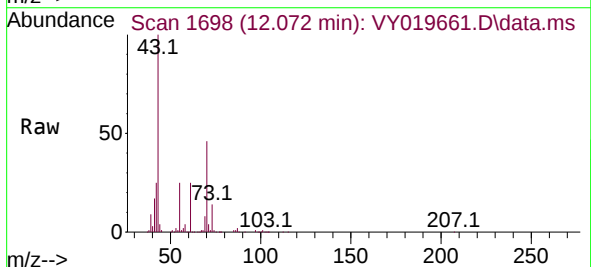
Ion Ratio Lower Upper

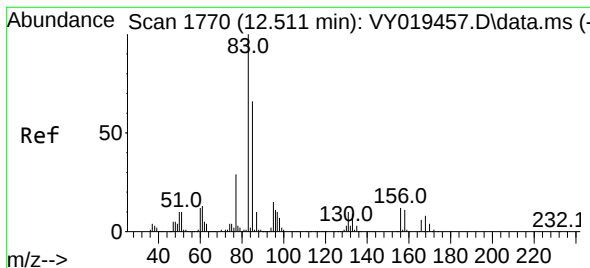
43 100

70 42.8 41.4 62.2

55 23.9 23.3 34.9

61 24.0 22.6 33.8

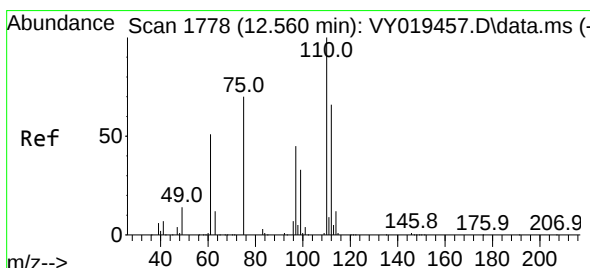
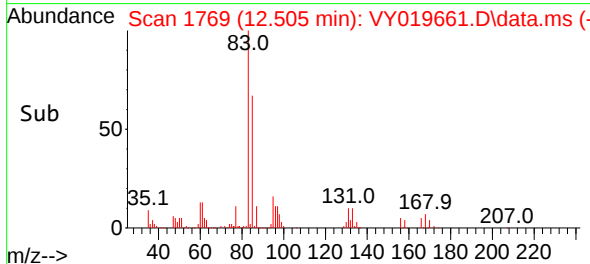
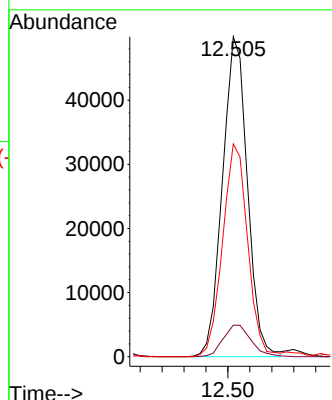
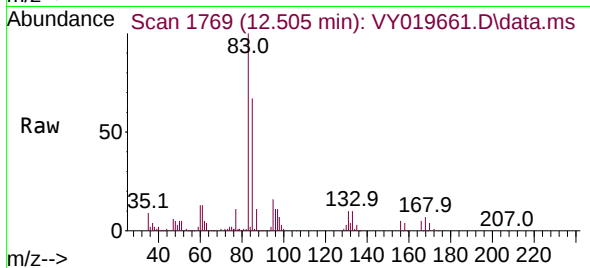




#75
1,1,2,2-Tetrachloroethane
Concen: 21.721 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

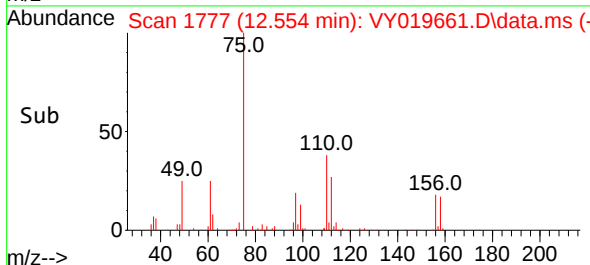
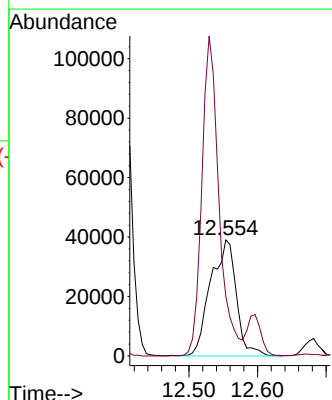
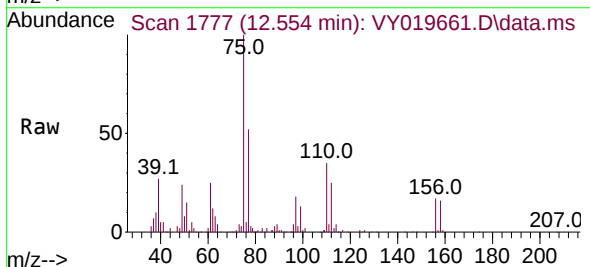
Instrument :
MSVOA_Y
ClientSampleId :

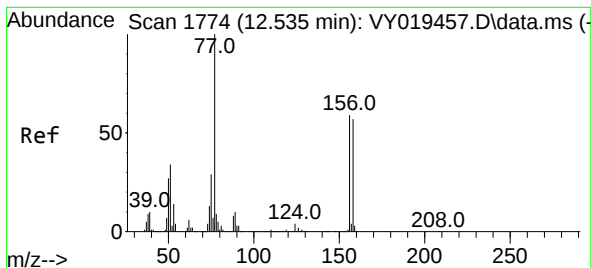
Tgt Ion: 83 Resp: 78772
Ion Ratio Lower Upper
83 100
131 11.0 5.0 14.9
85 66.8 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 38.640 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion: 75 Resp: 102000
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.897 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

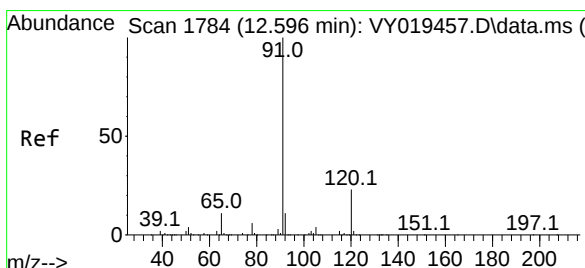
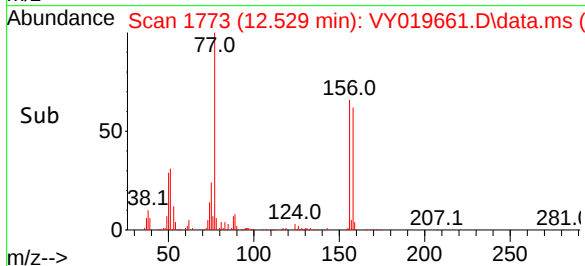
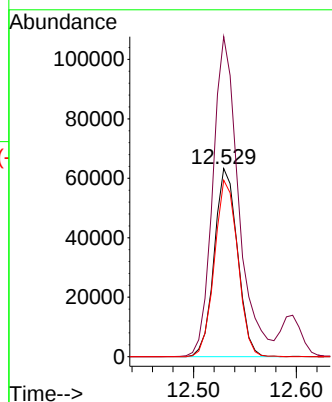
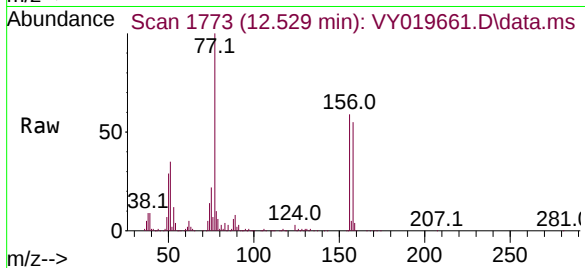
Tgt Ion:156 Resp: 99227

Ion Ratio Lower Upper

156 100

77 190.2 87.1 261.3

158 94.2 48.6 145.9



#78

n-propylbenzene

Concen: 21.485 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019661.D

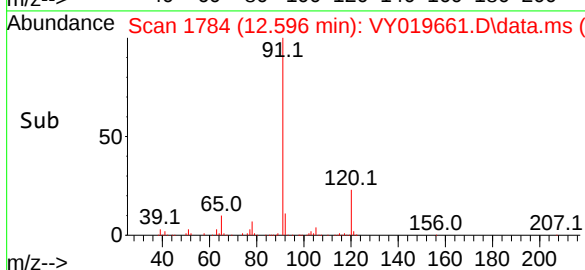
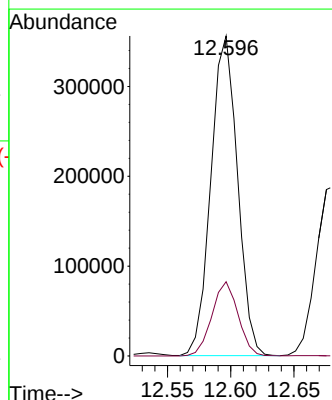
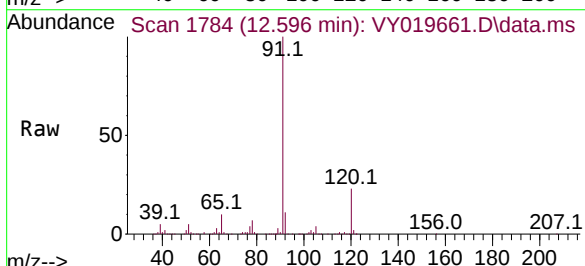
Acq: 23 Sep 2024 12:14

Tgt Ion: 91 Resp: 520318

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.511 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

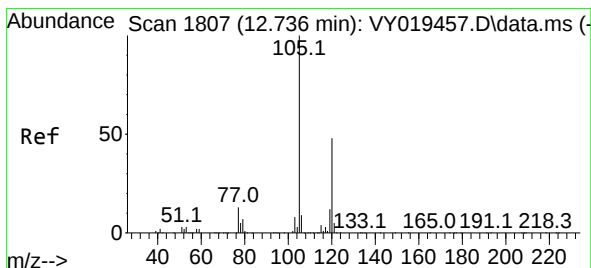
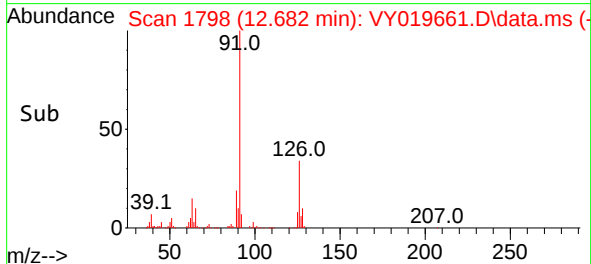
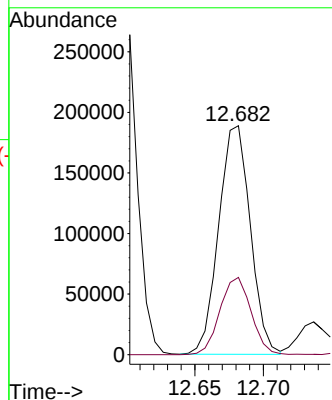
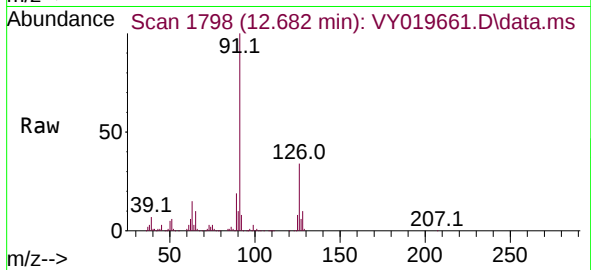
ClientSampleId :

Tgt Ion: 91 Resp: 303596

Ion Ratio Lower Upper

91 100

126 33.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 21.389 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019661.D

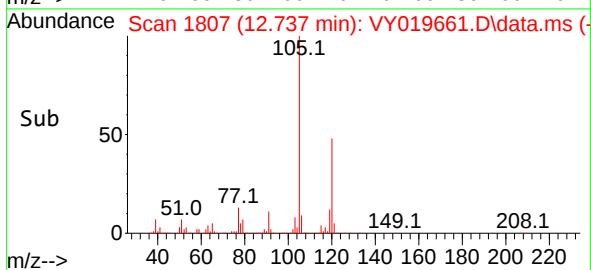
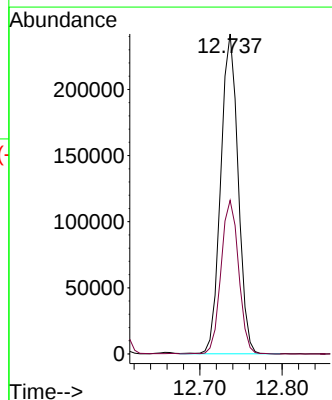
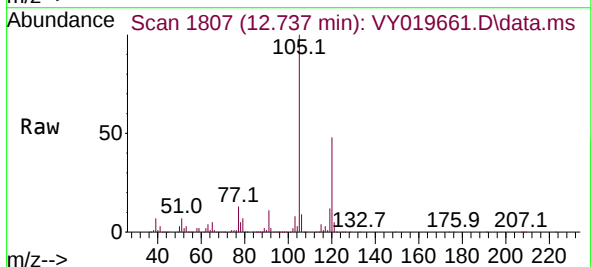
Acq: 23 Sep 2024 12:14

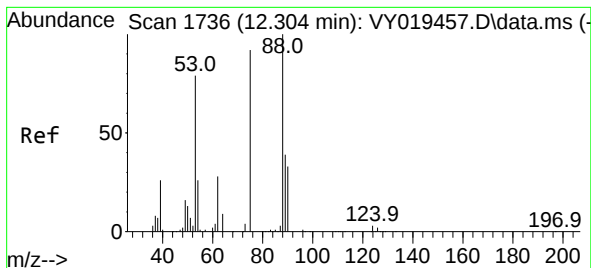
Tgt Ion: 105 Resp: 355276

Ion Ratio Lower Upper

105 100

120 48.6 25.1 75.2

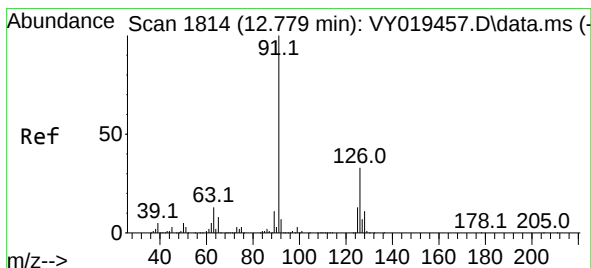
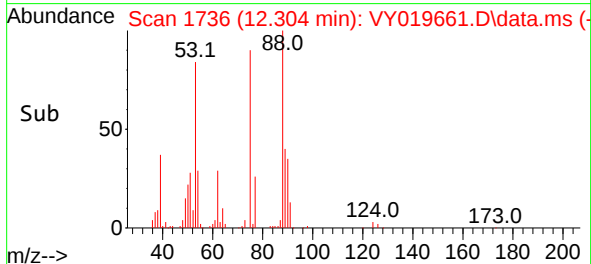
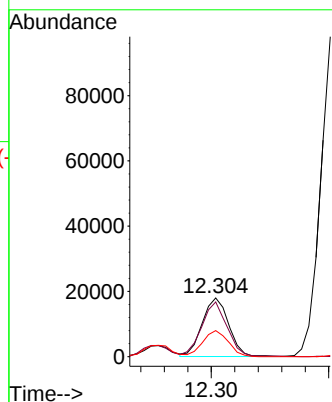
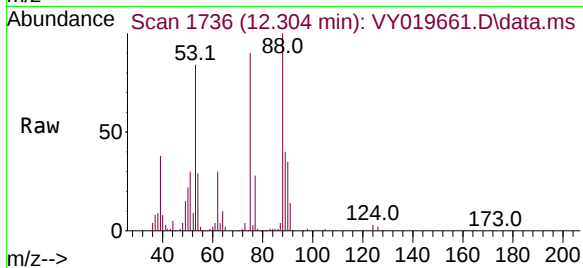




#81
trans-1,4-Dichloro-2-butene
Concen: 20.296 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

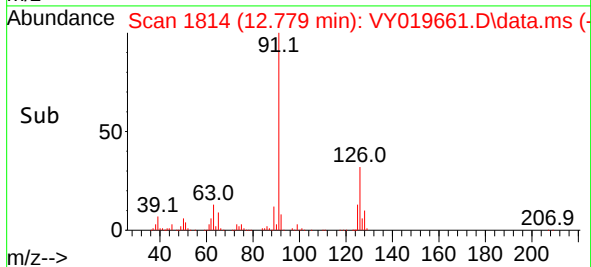
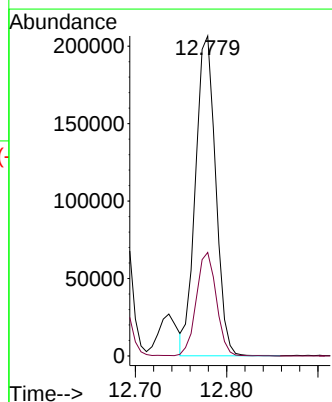
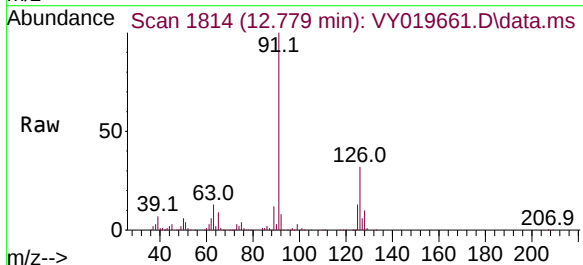
Instrument :
MSVOA_Y
ClientSampleId :

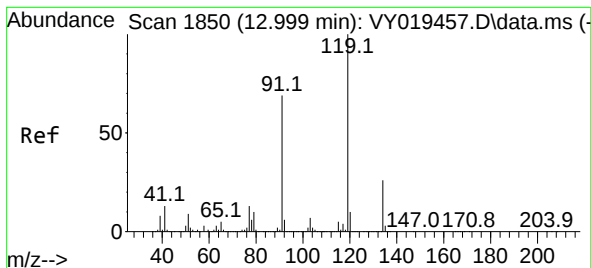
Tgt Ion: 75 Resp: 27909
Ion Ratio Lower Upper
75 100
53 91.8 66.8 100.2
89 42.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.759 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019661.D
Acq: 23 Sep 2024 12:14

Tgt Ion: 91 Resp: 315717
Ion Ratio Lower Upper
91 100
126 32.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.189 ug/l

RT: 12.999 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

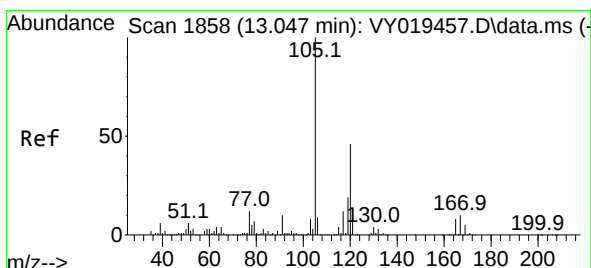
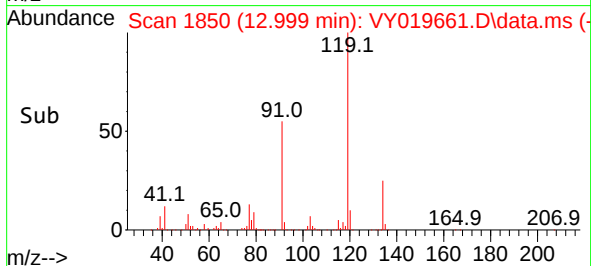
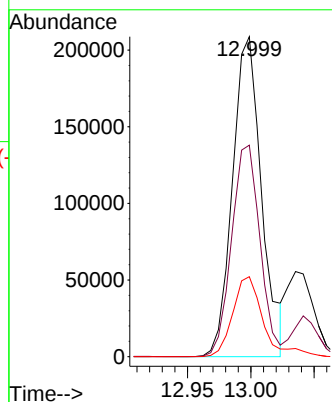
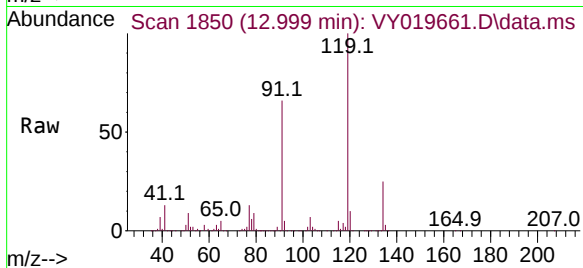
Tgt Ion:119 Resp: 333665

Ion Ratio Lower Upper

119 100

91 64.8 31.3 93.8

134 26.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.445 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019661.D

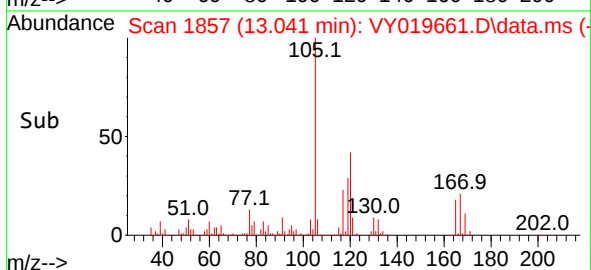
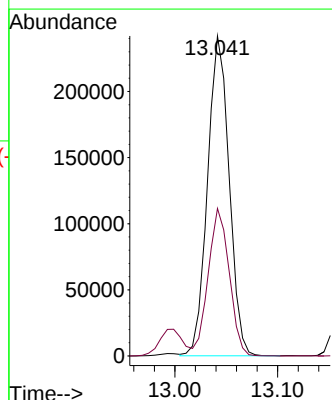
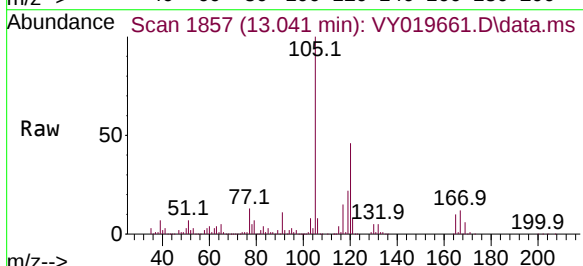
Acq: 23 Sep 2024 12:14

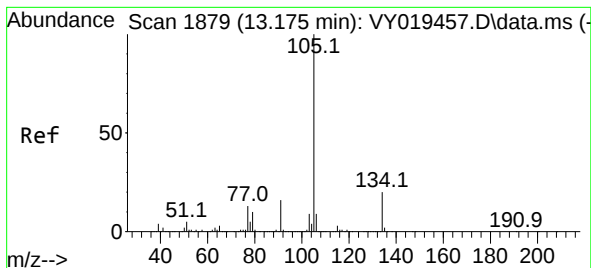
Tgt Ion:105 Resp: 352601

Ion Ratio Lower Upper

105 100

120 44.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.822 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

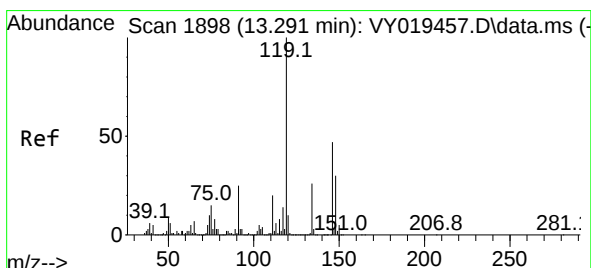
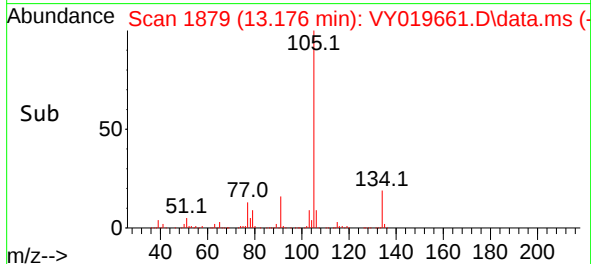
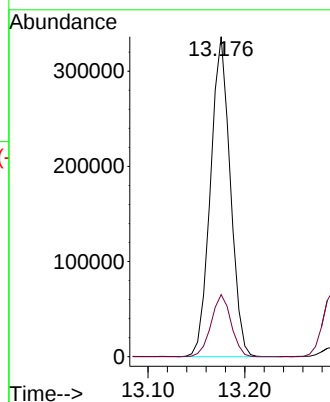
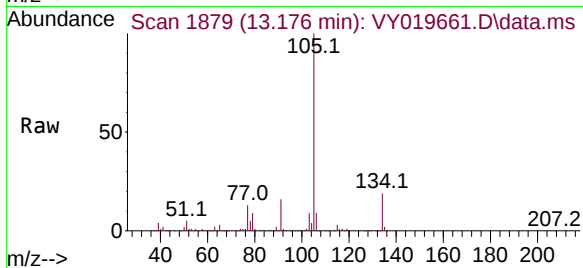
ClientSampleId :

Tgt Ion:105 Resp: 476703

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.891 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

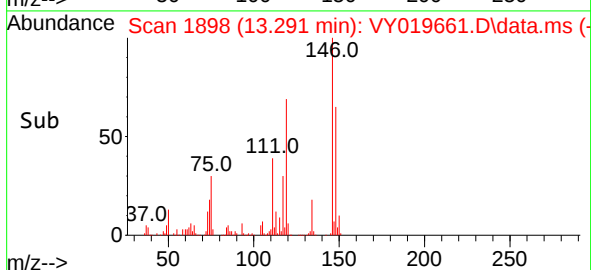
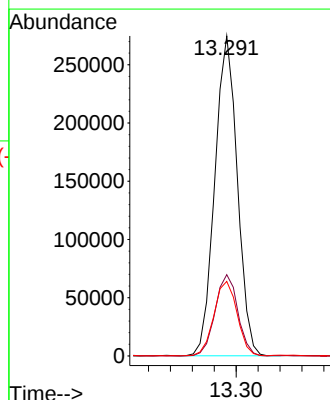
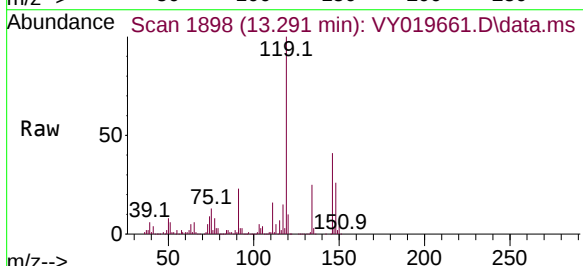
Tgt Ion:119 Resp: 391258

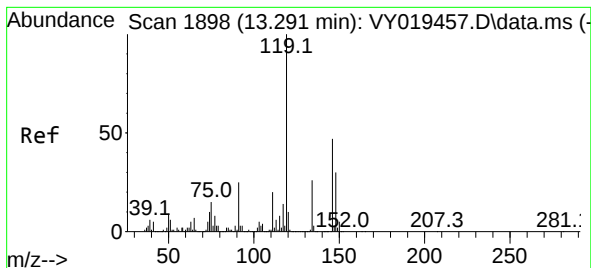
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 24.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 22.102 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

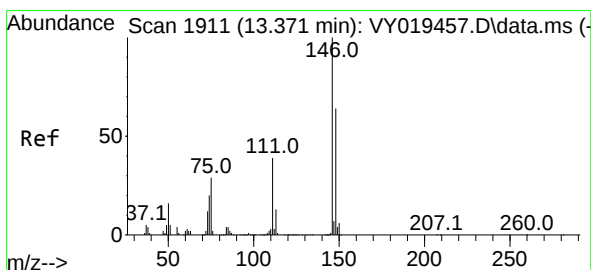
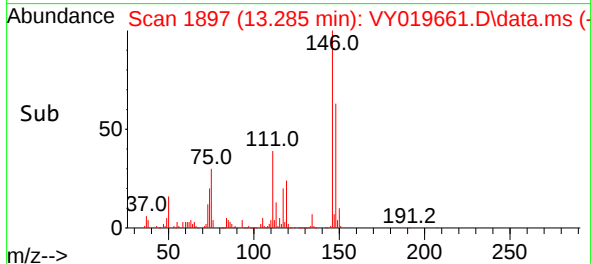
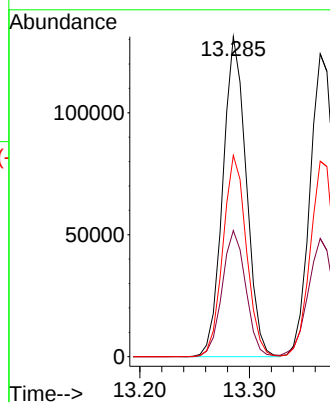
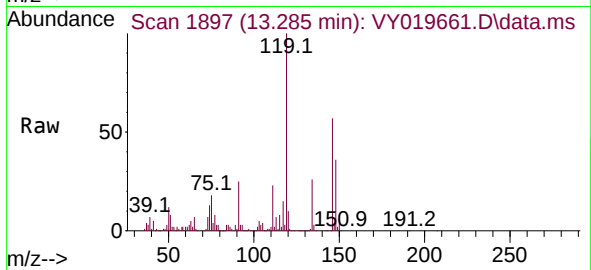
Tgt Ion:146 Resp: 194618

Ion Ratio Lower Upper

146 100

111 39.7 19.0 57.0

148 63.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 22.059 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

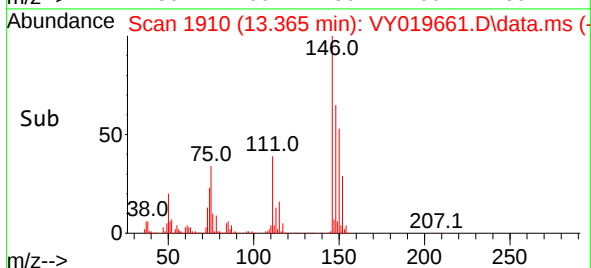
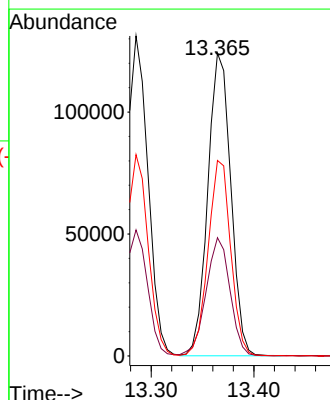
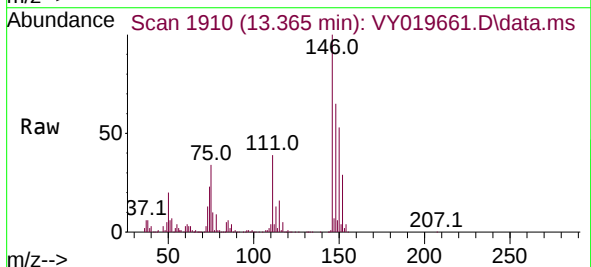
Tgt Ion:146 Resp: 192769

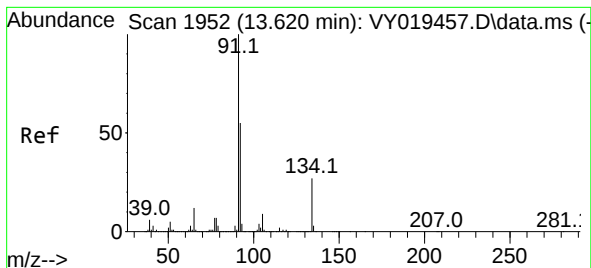
Ion Ratio Lower Upper

146 100

111 40.6 18.4 55.4

148 63.5 32.4 97.2





#89

n-Butylbenzene

Concen: 21.545 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

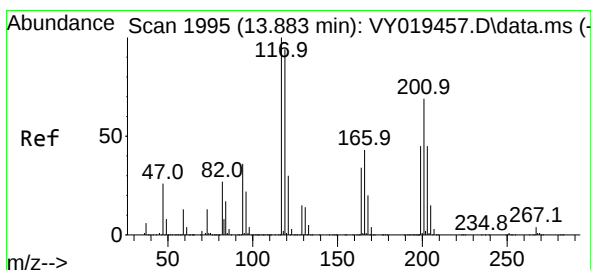
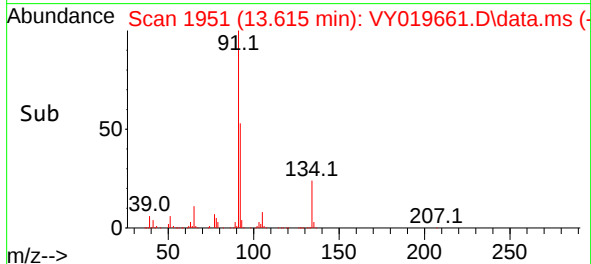
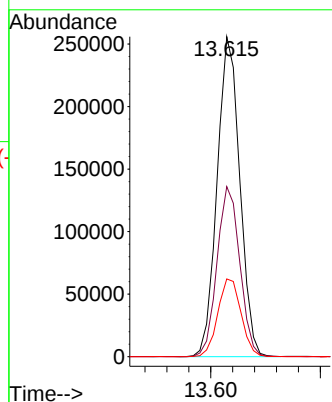
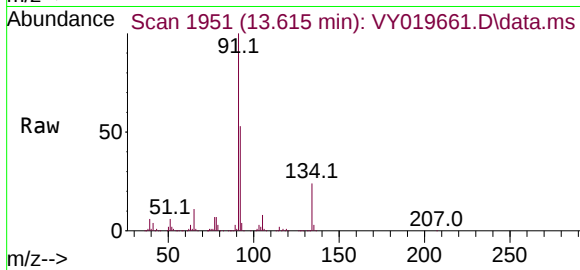
Tgt Ion: 91 Resp: 368128

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

134 24.9 12.9 38.7



#90

Hexachloroethane

Concen: 20.714 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019661.D

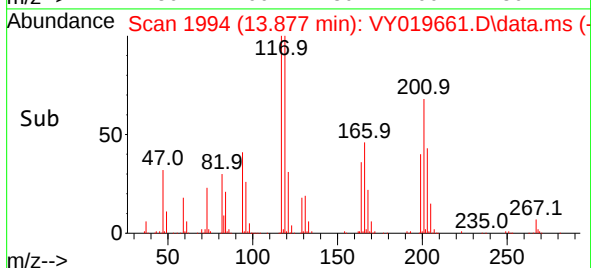
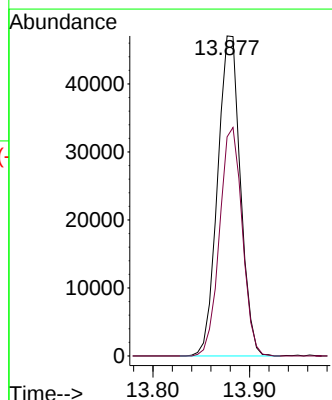
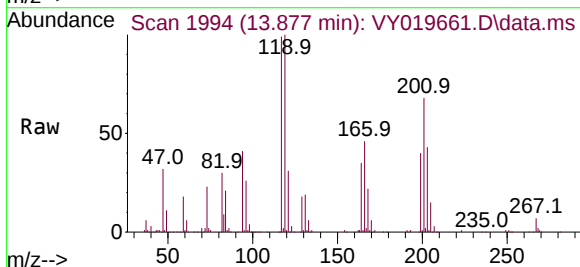
Acq: 23 Sep 2024 12:14

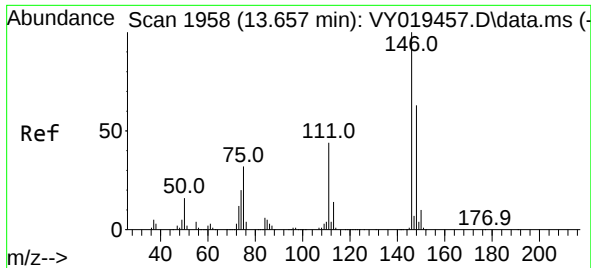
Tgt Ion: 117 Resp: 77031

Ion Ratio Lower Upper

117 100

201 70.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.916 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019661.D

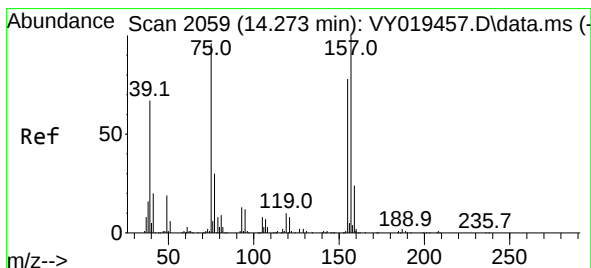
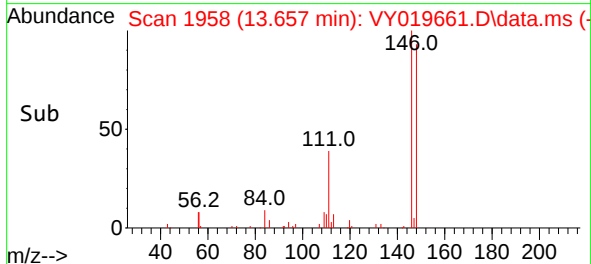
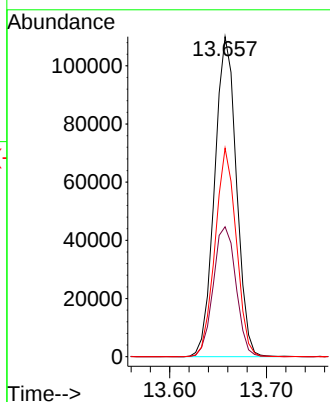
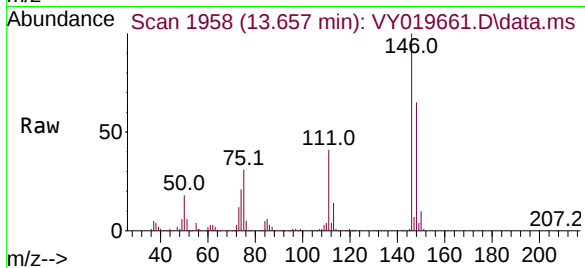
Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	146	Resp:	172206
Ion	Ratio	Lower	Upper
146	100		
111	42.4	19.9	59.7
148	63.2	31.8	95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.816 ug/l

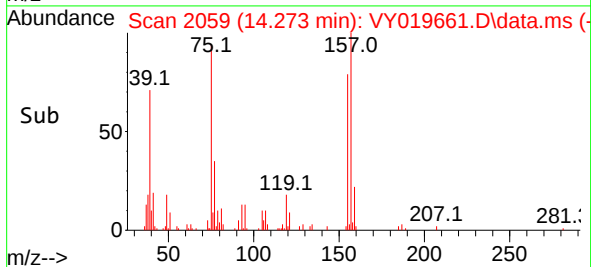
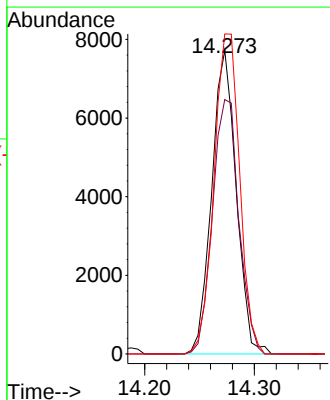
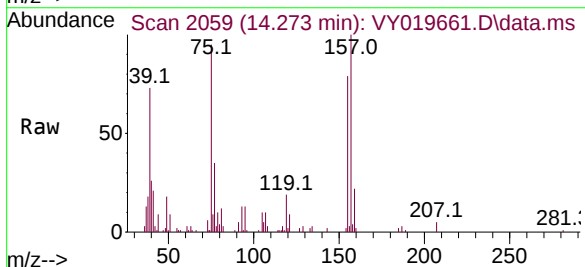
RT: 14.273 min Scan# 2059

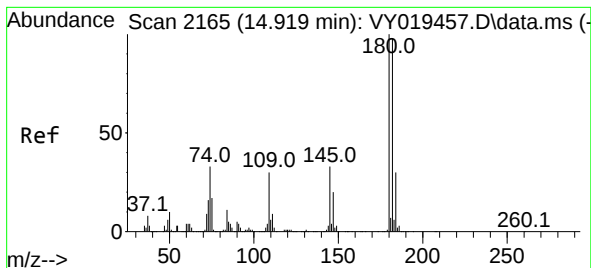
Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Tgt Ion:	75	Resp:	11977
Ion	Ratio	Lower	Upper
75	100		
155	90.6	48.6	145.8
157	110.4	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.445 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

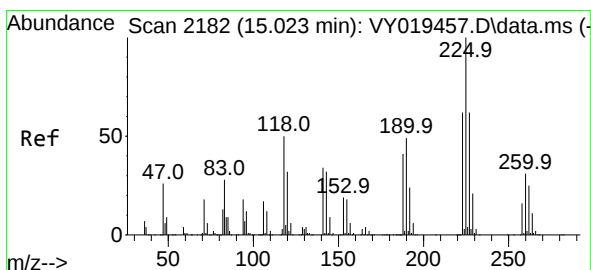
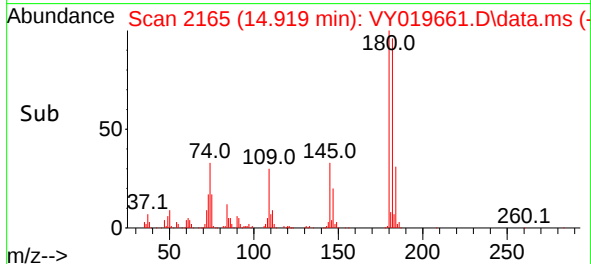
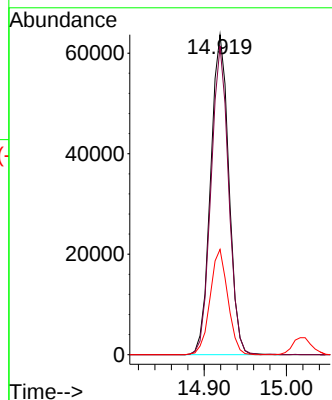
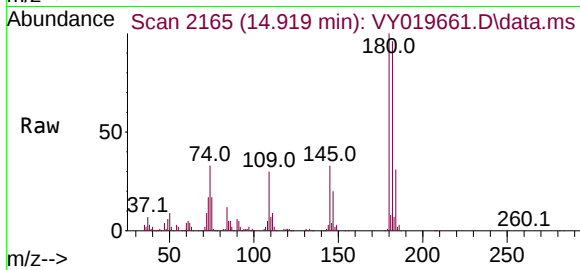
Tgt Ion:180 Resp: 97707

Ion Ratio Lower Upper

180 100

182 93.3 47.9 143.8

145 32.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.432 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

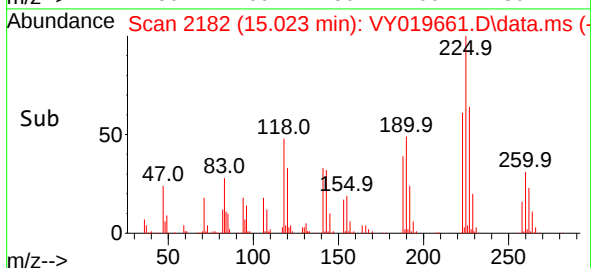
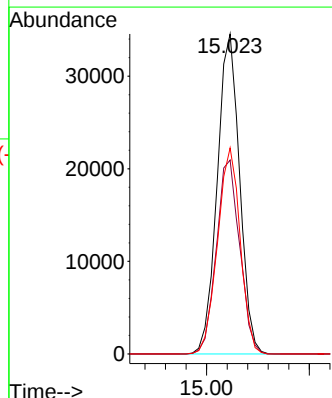
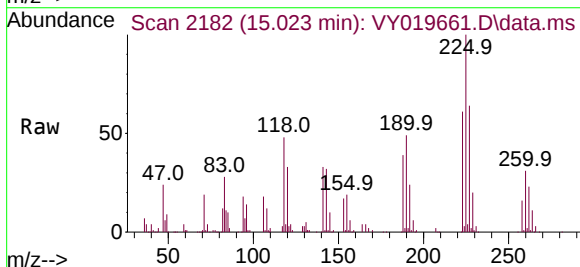
Tgt Ion:225 Resp: 52164

Ion Ratio Lower Upper

225 100

223 63.2 30.4 91.2

227 65.1 31.9 95.9





#95

Naphthalene

Concen: 19.823 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

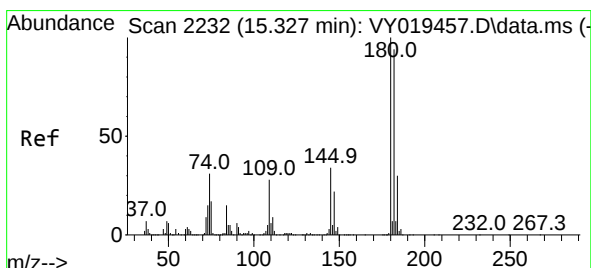
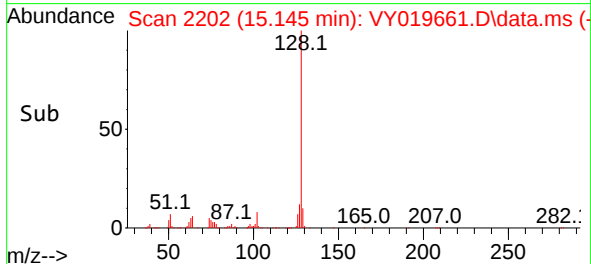
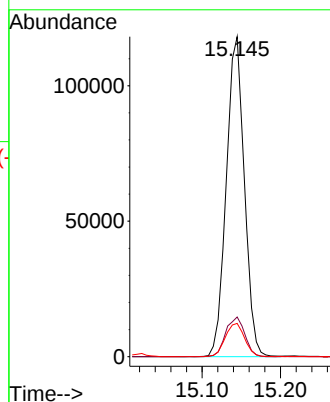
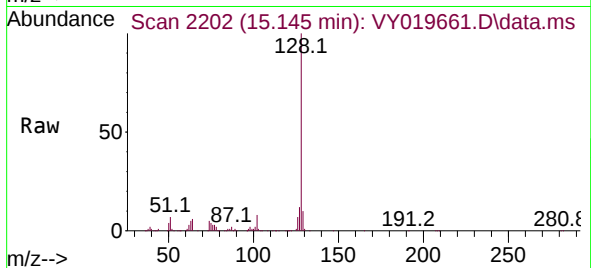
Tgt Ion:128 Resp: 189718

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.679 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019661.D

Acq: 23 Sep 2024 12:14

Tgt Ion:180 Resp: 80446

Ion Ratio Lower Upper

180 100

182 98.0 47.6 142.9

145 35.0 15.4 46.1

