

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019479.D
 Acq On : 10 Sep 2024 10:37
 Operator : SY/MD
 Sample : VY0910SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 11 01:47:17 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	534187	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	918154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	788520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	379604	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	283772	57.369	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.740%	
35) Dibromofluoromethane	7.628	113	282485	54.264	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.520%	
50) Toluene-d8	10.109	98	1055734	54.829	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.660%	
62) 4-Bromofluorobenzene	12.408	95	384033	51.871	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 103.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	78283	24.743	ug/l	98
3) Chloromethane	2.068	50	96847	21.913	ug/l	100
4) Vinyl Chloride	2.202	62	102875	21.526	ug/l	99
5) Bromomethane	2.592	94	70750	24.101	ug/l	97
6) Chloroethane	2.733	64	69033	22.096	ug/l	97
7) Trichlorofluoromethane	3.056	101	170143	21.357	ug/l	98
8) Diethyl Ether	3.452	74	57688	21.573	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.812	101	101448	20.586	ug/l	97
10) Methyl Iodide	4.001	142	127208	20.133	ug/l	94
11) Tert butyl alcohol	4.872	59	45219	113.199	ug/l	# 90
12) 1,1-Dichloroethene	3.787	96	95351	20.119	ug/l	84
13) Acrolein	3.653	56	33185	167.853	ug/l	98
14) Allyl chloride	4.379	41	169901	19.990	ug/l	# 92
15) Acrylonitrile	5.055	53	123630	107.222	ug/l	98
16) Acetone	3.873	43	130769	110.970	ug/l	# 85
17) Carbon Disulfide	4.104	76	243898	19.047	ug/l	100
18) Methyl Acetate	4.385	43	59206	18.514	ug/l	91
19) Methyl tert-butyl Ether	5.110	73	289733	21.585	ug/l	98
20) Methylene Chloride	4.610	84	114220	21.254	ug/l	90
21) trans-1,2-Dichloroethene	5.110	96	104264	20.071	ug/l	90
22) Diisopropyl ether	6.019	45	367092	21.033	ug/l	93
23) Vinyl Acetate	5.958	43	1098887	110.229	ug/l	94
24) 1,1-Dichloroethane	5.915	63	205161	20.948	ug/l	96
25) 2-Butanone	6.890	43	187560	111.909	ug/l	# 86
26) 2,2-Dichloropropane	6.884	77	185303	20.975	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	131413	20.825	ug/l	90
28) Bromochloromethane	7.244	49	84623	20.536	ug/l	84
29) Tetrahydrofuran	7.262	42	106938	104.940	ug/l	88
30) Chloroform	7.421	83	210997	21.104	ug/l	99
31) Cyclohexane	7.701	56	170152	19.221	ug/l	# 94
32) 1,1,1-Trichloroethane	7.616	97	189001	21.091	ug/l	98
36) 1,1-Dichloropropene	7.835	75	142192	20.074	ug/l	98
37) Ethyl Acetate	6.982	43	81306	22.402	ug/l	95
38) Carbon Tetrachloride	7.817	117	162957	20.400	ug/l	98
39) Methylcyclohexane	9.110	83	181954	19.302	ug/l	93
40) Benzene	8.079	78	442138	20.265	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	41565	19.646	ug/l	87
42) 1,2-Dichloroethane	8.158	62	125753	21.420	ug/l	97
43) Isopropyl Acetate	8.195	43	164013	21.510	ug/l #	80
44) Trichloroethene	8.866	130	113971	20.312	ug/l	94
45) 1,2-Dichloropropane	9.140	63	109573	20.543	ug/l	97
46) Dibromomethane	9.231	93	62226	21.333	ug/l	96
47) Bromodichloromethane	9.427	83	164816	21.021	ug/l	98
48) Methyl methacrylate	9.219	41	77232	21.448	ug/l #	85
49) 1,4-Dioxane	9.231	88	14748	429.500	ug/l #	85
51) 4-Methyl-2-Pentanone	10.000	43	418334	109.050	ug/l	90
52) Toluene	10.170	92	285071	20.316	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	154914	20.726	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	177550	20.401	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	83015	20.609	ug/l	96
56) Ethyl methacrylate	10.439	69	131229	21.447	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	145008	20.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	295670	104.111	ug/l	98
59) 2-Hexanone	10.762	43	310460	110.389	ug/l	88
60) Dibromochloromethane	10.914	129	112754	21.161	ug/l	99
61) 1,2-Dibromoethane	11.018	107	78042	20.794	ug/l	100
64) Tetrachloroethene	10.646	164	96242	19.710	ug/l	95
65) Chlorobenzene	11.444	112	323023	20.826	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	111820	20.822	ug/l	98
67) Ethyl Benzene	11.518	91	561690	20.381	ug/l	100
68) m/p-Xylenes	11.627	106	424352	40.721	ug/l	93
69) o-Xylene	11.957	106	204768	20.092	ug/l	93
70) Styrene	11.969	104	351152	20.408	ug/l	97
71) Bromoform	12.133	173	63349	20.653	ug/l #	99
73) Isopropylbenzene	12.255	105	556295	20.200	ug/l	99
74) N-amyl acetate	12.072	43	158242	21.128	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	103119	21.096	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	133304	37.466	ug/l #	100
77) Bromobenzene	12.530	156	125355	20.524	ug/l	92
78) n-propylbenzene	12.597	91	659629	20.208	ug/l	100
79) 2-Chlorotoluene	12.682	91	383057	20.137	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	450936	20.142	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	37291	20.120	ug/l	93
82) 4-Chlorotoluene	12.780	91	394817	20.188	ug/l	97
83) tert-Butylbenzene	12.999	119	417490	20.599	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	452962	20.439	ug/l	98
85) sec-Butylbenzene	13.176	105	602753	20.471	ug/l	99
86) p-Isopropyltoluene	13.292	119	496439	20.608	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	248498	20.938	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	245074	20.807	ug/l	96
89) n-Butylbenzene	13.615	91	477307	20.726	ug/l	99
90) Hexachloroethane	13.877	117	101710	20.292	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	219928	20.766	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17078	20.963	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	133819	20.775	ug/l	98
94) Hexachlorobutadiene	15.023	225	71682	20.831	ug/l	99
95) Naphthalene	15.145	128	271643	21.059	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	116574	21.158	ug/l	98

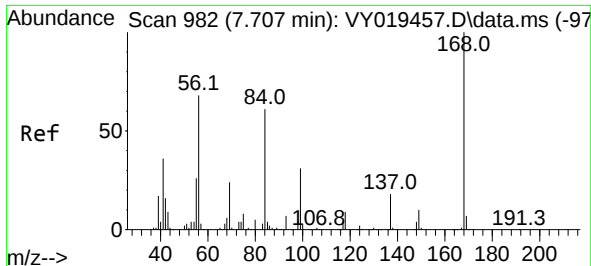
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
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Response via : Initial Calibration

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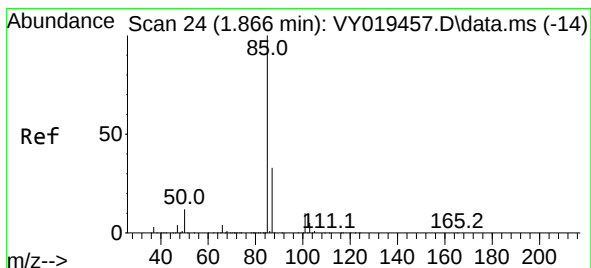
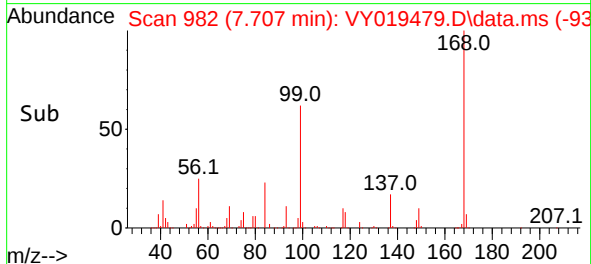
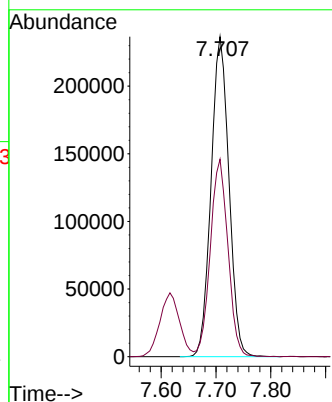
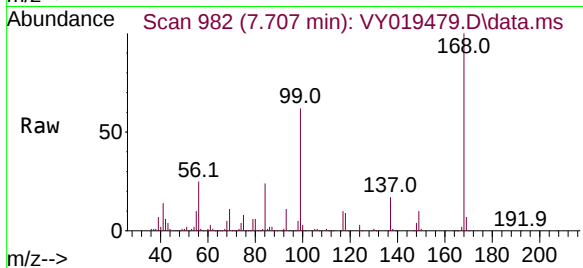
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

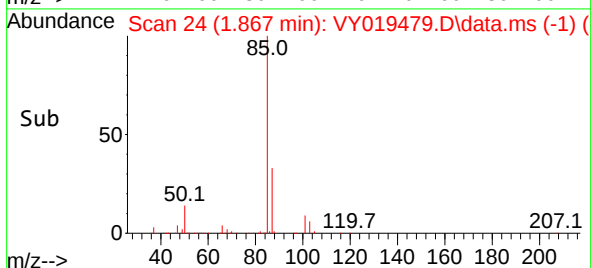
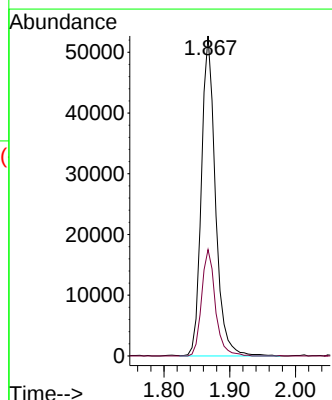
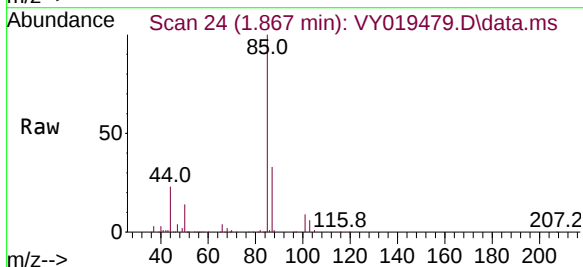
Instrument :
MSVOA_Y
ClientSampleId :

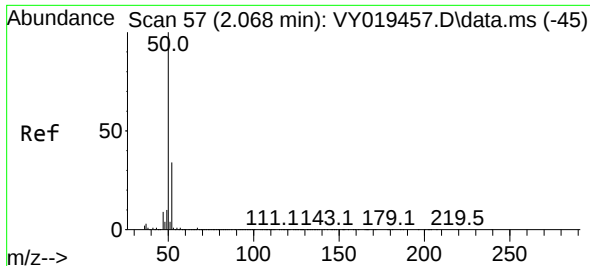
Tgt Ion:168 Resp: 534187
Ion Ratio Lower Upper
168 100
99 61.7 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 24.743 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 85 Resp: 78283
Ion Ratio Lower Upper
85 100
87 33.3 16.0 48.0

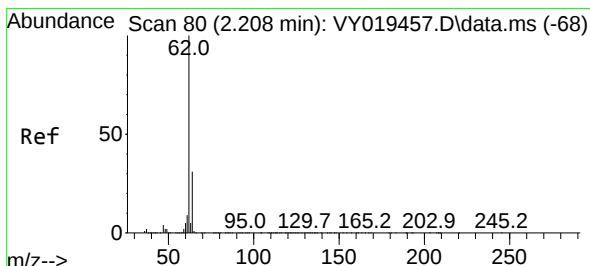
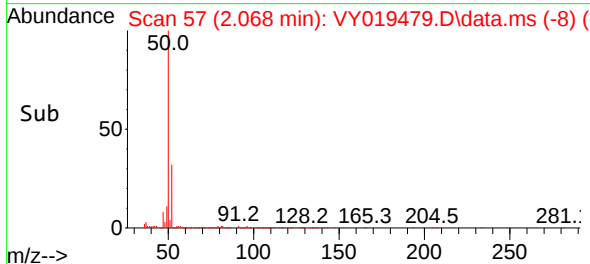
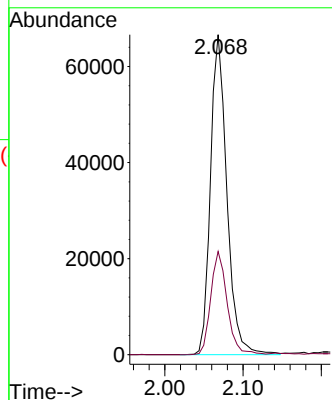
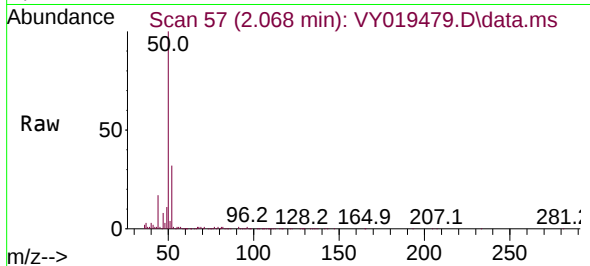




#3
Chloromethane
Concen: 21.913 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

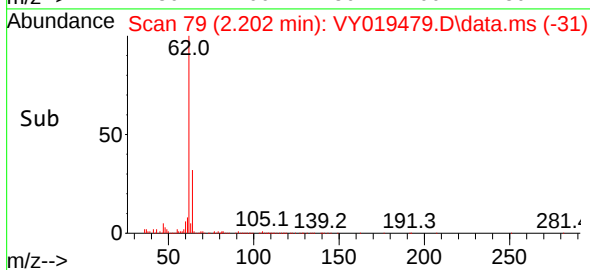
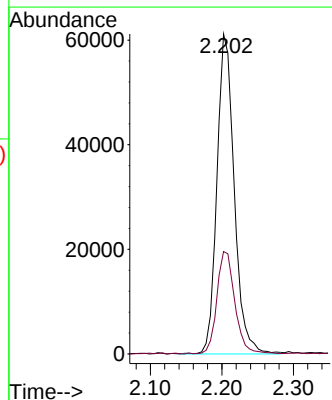
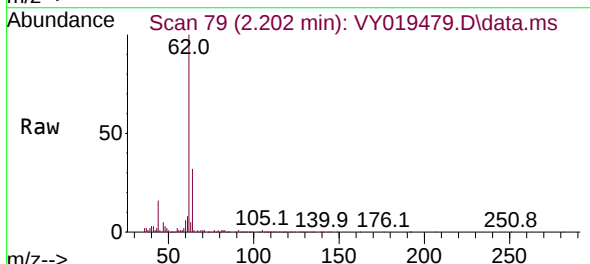
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 96847
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4



#4
Vinyl Chloride
Concen: 21.526 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 62 Resp: 102875
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1

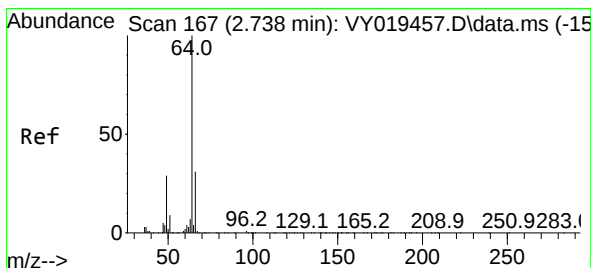
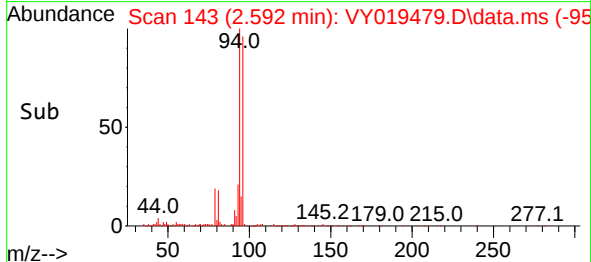
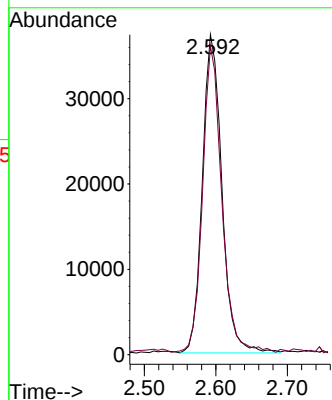
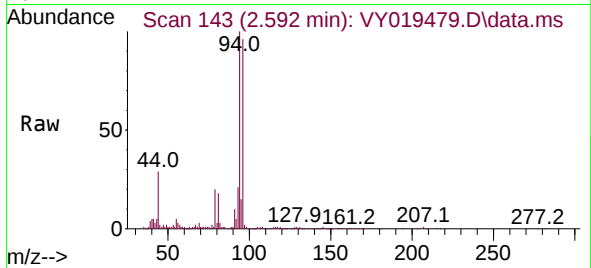




#5
Bromomethane
Concen: 24.101 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

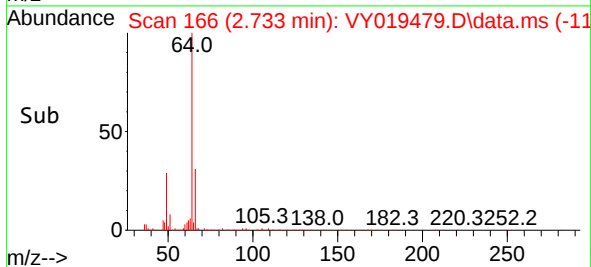
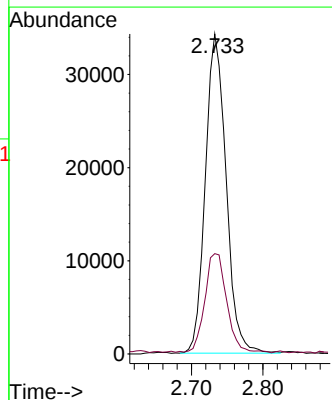
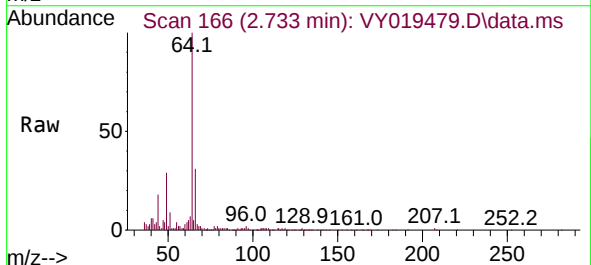
Instrument :
MSVOA_Y
ClientSampleId :

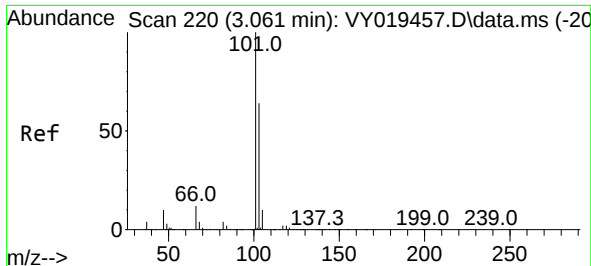
Tgt Ion: 94 Resp: 70750
Ion Ratio Lower Upper
94 100
96 95.8 74.1 111.1



#6
Chloroethane
Concen: 22.096 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 64 Resp: 69033
Ion Ratio Lower Upper
64 100
66 30.6 26.1 39.1

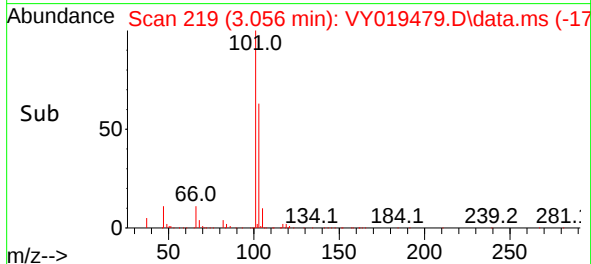
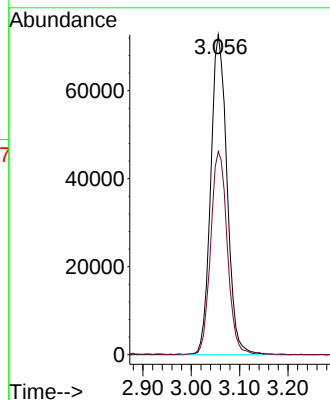
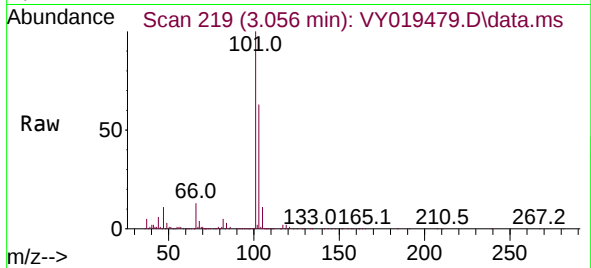




#7
 Trichlorofluoromethane
 Concen: 21.357 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019479.D
 Acq: 10 Sep 2024 10:37

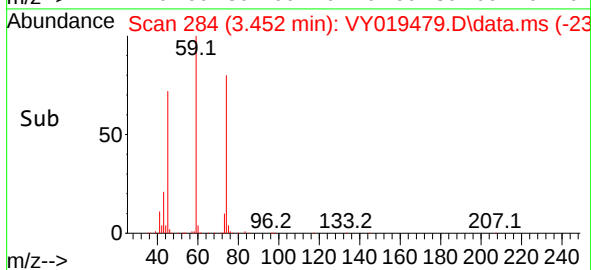
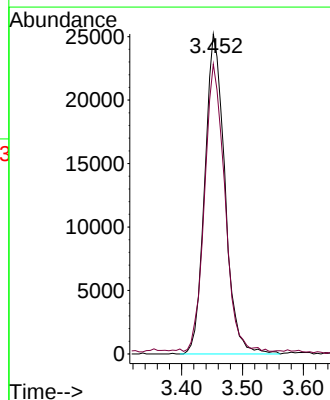
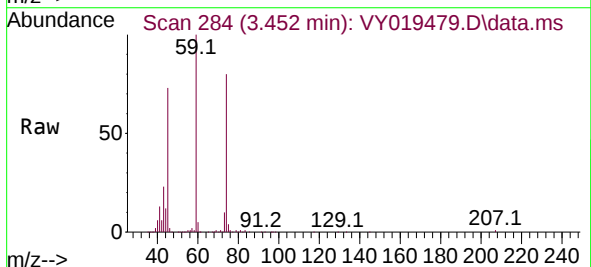
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 170143
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.573 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019479.D
 Acq: 10 Sep 2024 10:37

Tgt Ion: 74 Resp: 57688
 Ion Ratio Lower Upper
 74 100
 45 90.2 41.3 124.1

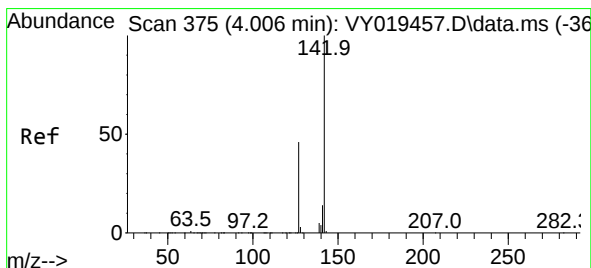
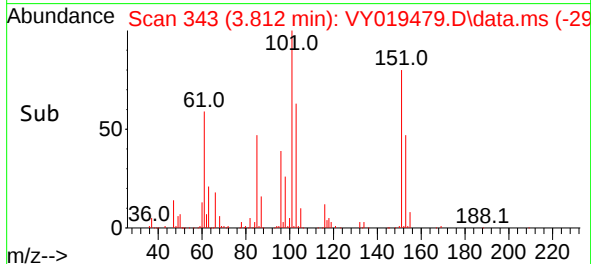
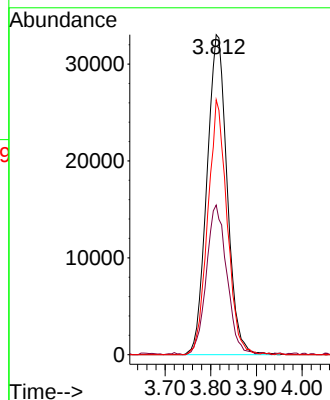
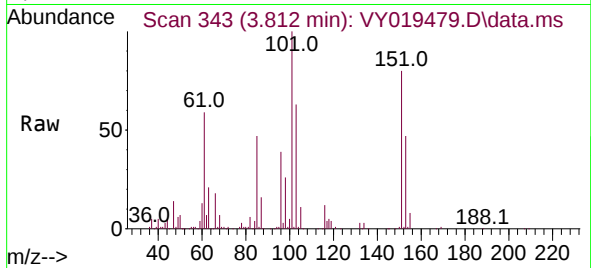




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.586 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

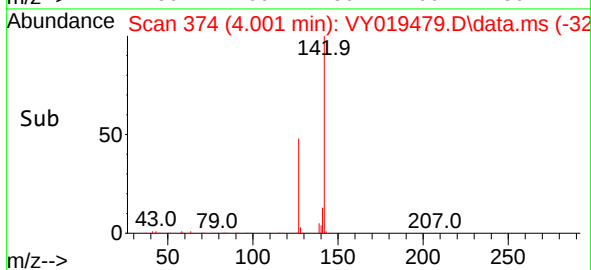
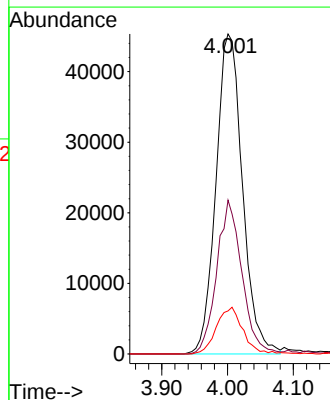
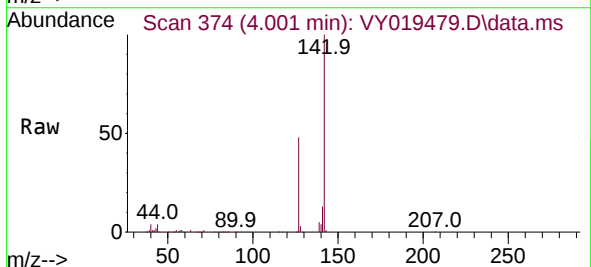
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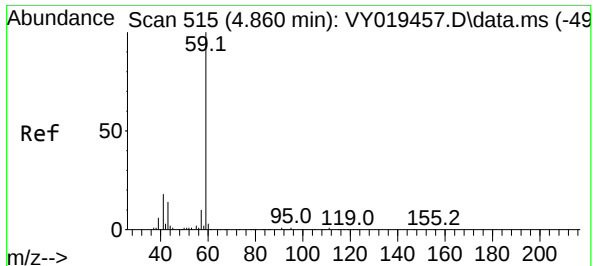
Tgt Ion:101 Resp: 101448
Ion Ratio Lower Upper
101 100
85 47.3 34.5 51.7
151 75.9 61.7 92.5



#10
Methyl Iodide
Concen: 20.133 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

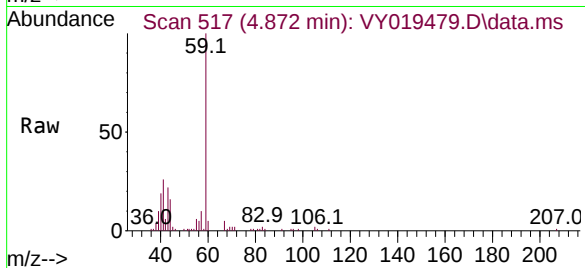
Tgt Ion:142 Resp: 127208
Ion Ratio Lower Upper
142 100
127 45.5 32.8 49.2
141 14.7 11.4 17.2



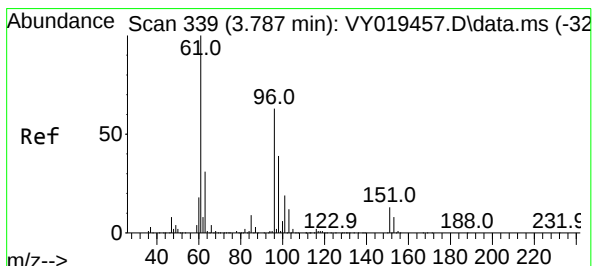
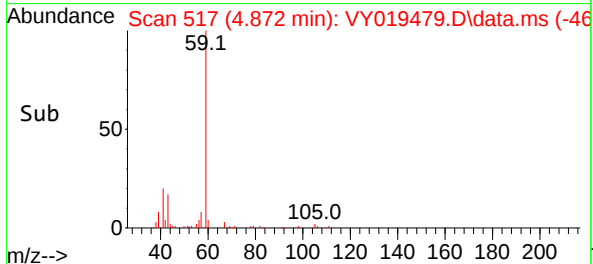
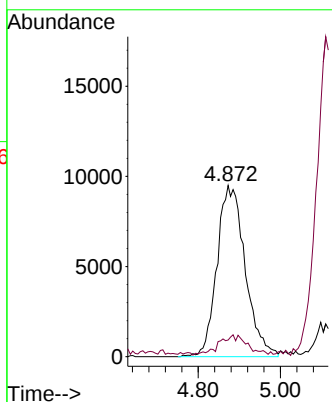


#11
Tert butyl alcohol
Concen: 113.199 ug/l
RT: 4.872 min Scan# 515
Delta R.T. 0.013 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :

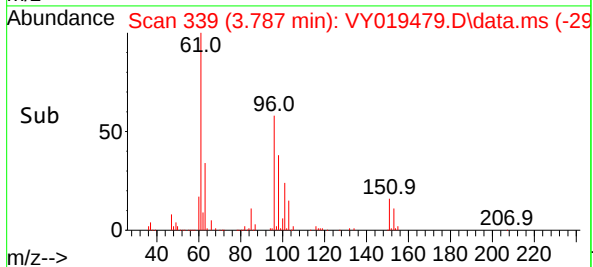
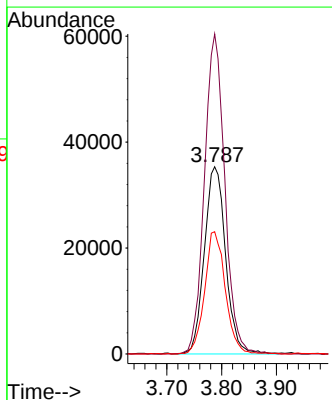
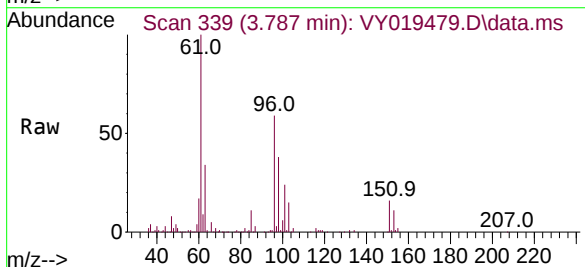


Tgt Ion: 59 Resp: 45219
Ion Ratio Lower Upper
59 100
57 7.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.119 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 96 Resp: 95351
Ion Ratio Lower Upper
96 100
61 170.9 114.6 171.8
98 65.2 50.8 76.2





#13

Acrolein

Concen: 167.853 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

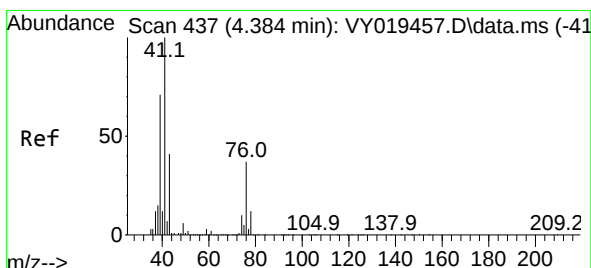
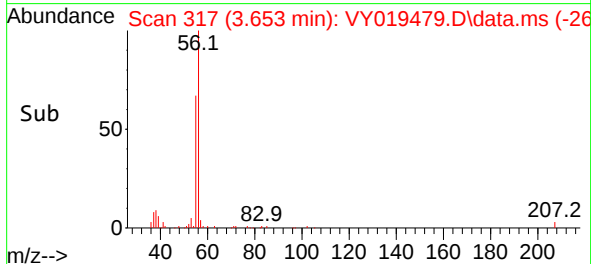
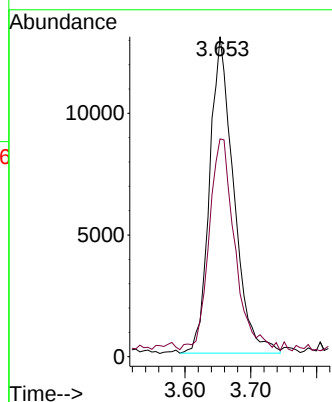
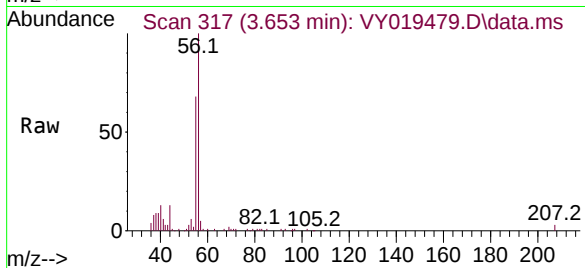
ClientSampleId :

Tgt Ion: 56 Resp: 33185

Ion Ratio Lower Upper

56 100

55 71.6 55.7 83.5



#14

Allyl chloride

Concen: 19.990 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

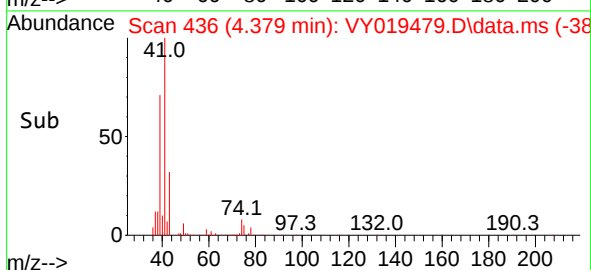
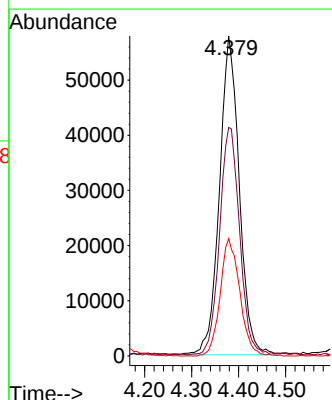
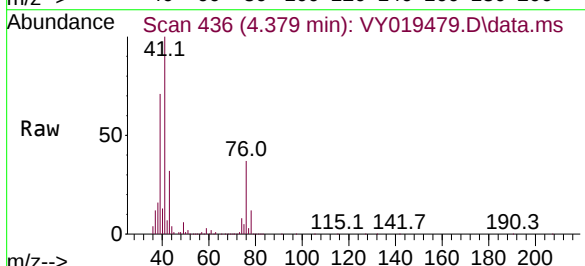
Tgt Ion: 41 Resp: 169901

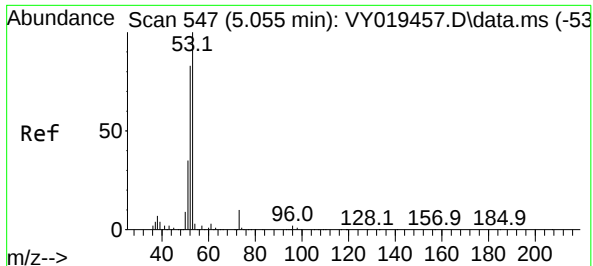
Ion Ratio Lower Upper

41 100

39 71.6 58.3 87.5

76 36.4 39.0 58.6#





#15

Acrylonitrile

Concen: 107.222 ug/l

RT: 5.055 min Scan# 54

Delta R.T. 0.000 min

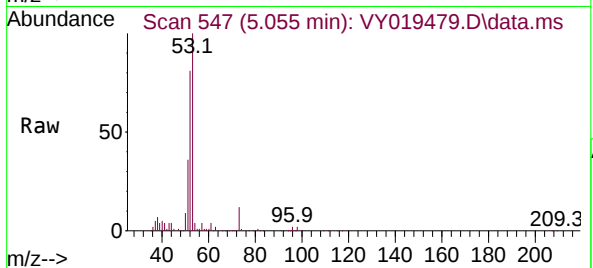
Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

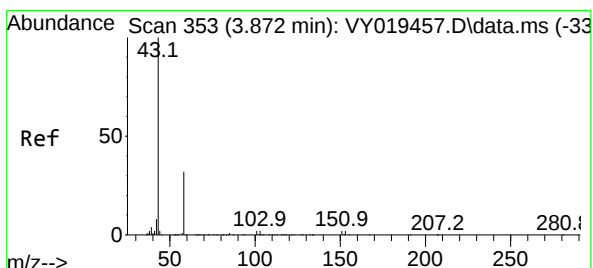
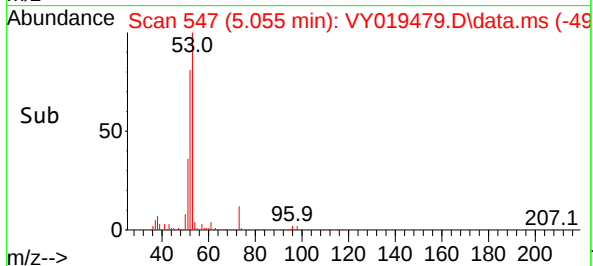
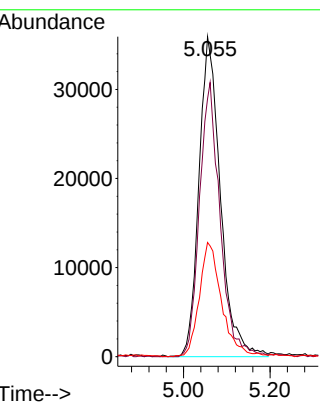
MSVOA_Y

ClientSampleId :



Tgt Ion: 53 Resp: 123630

Ion	Ratio	Lower	Upper
53	100		
52	82.2	64.7	97.1
51	37.2	28.4	42.6



#16

Acetone

Concen: 110.970 ug/l

RT: 3.873 min Scan# 353

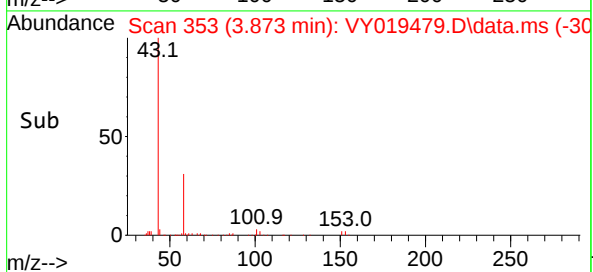
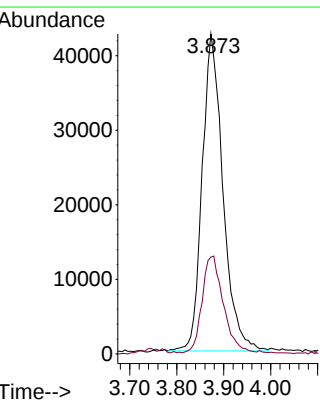
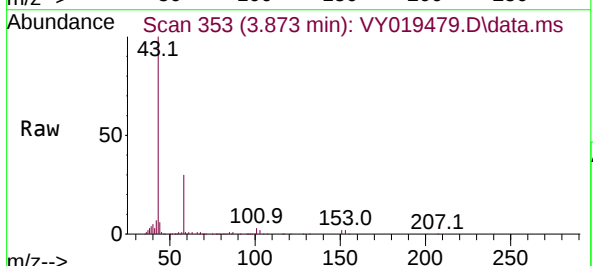
Delta R.T. 0.000 min

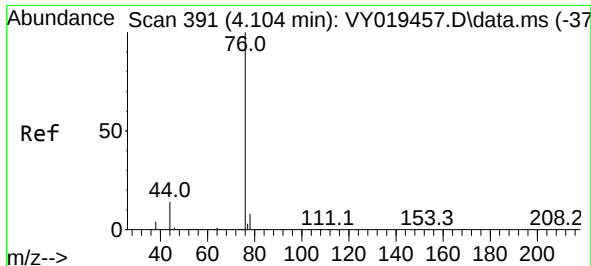
Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Tgt Ion: 43 Resp: 130769

Ion	Ratio	Lower	Upper
43	100		
58	30.2	31.7	47.5

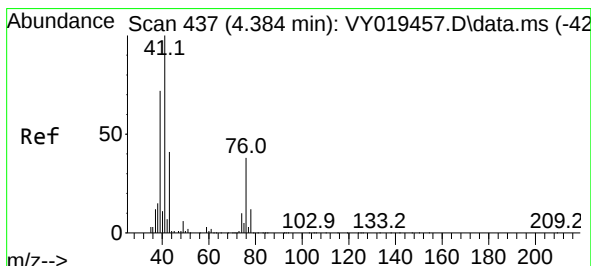
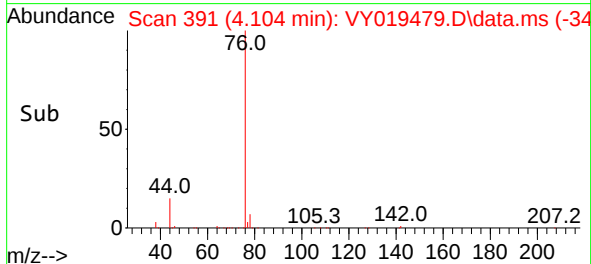
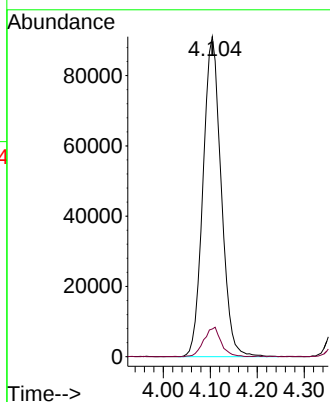
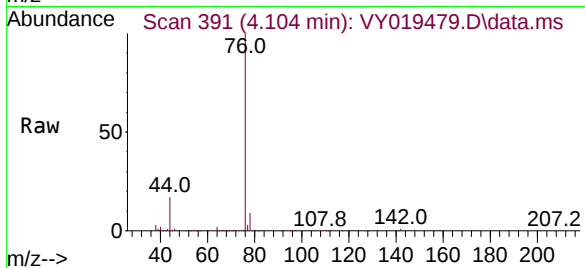




#17
Carbon Disulfide
Concen: 19.047 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

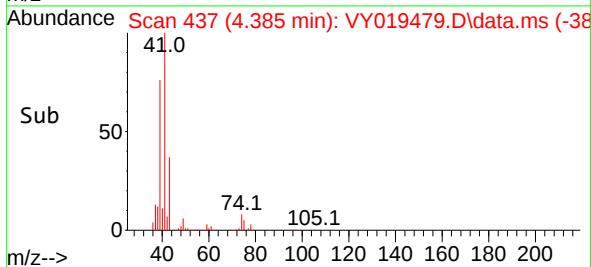
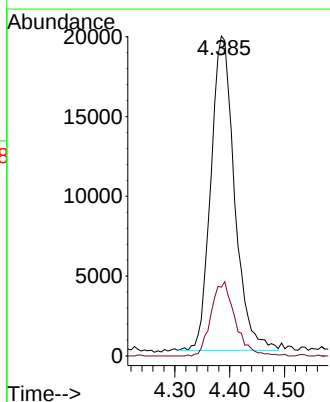
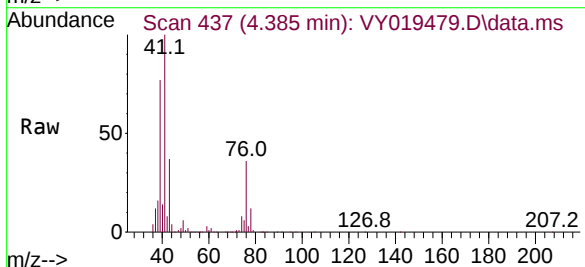
Instrument :
MSVOA_Y
ClientSampleId :

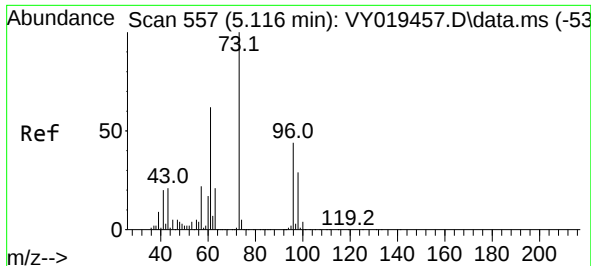
Tgt Ion: 76 Resp: 243898
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 18.514 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 43 Resp: 59206
Ion Ratio Lower Upper
43 100
74 24.1 23.3 34.9

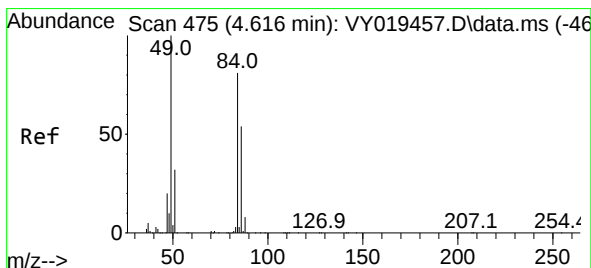
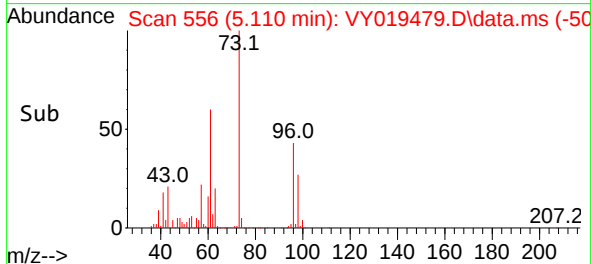
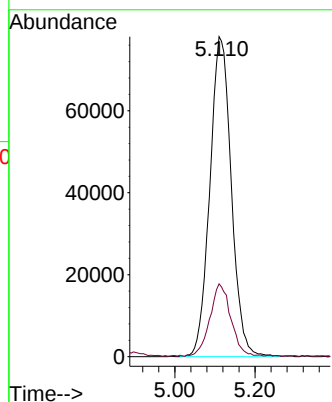
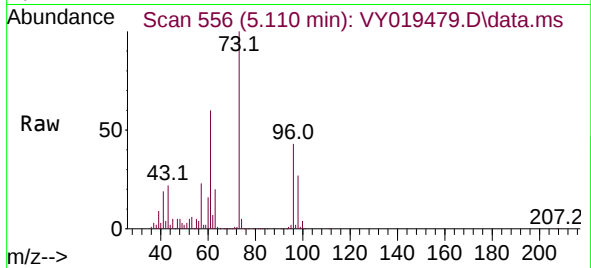




#19
Methyl tert-butyl Ether
Concen: 21.585 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

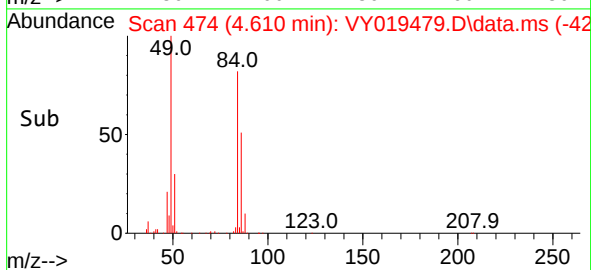
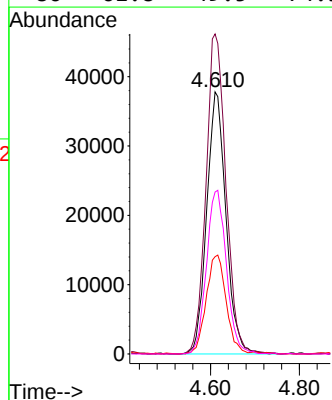
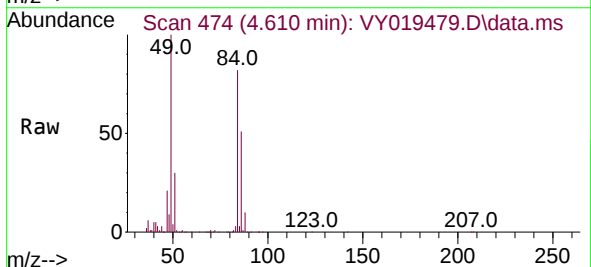
Instrument :
MSVOA_Y
ClientSampleId :

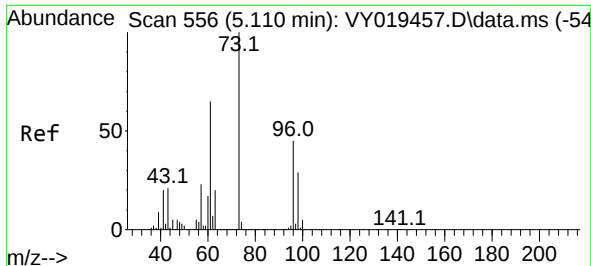
Tgt Ion: 73 Resp: 289733
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 21.254 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 84 Resp: 114220
Ion Ratio Lower Upper
84 100
49 122.1 84.4 126.6
51 37.1 26.0 39.0
86 61.8 49.5 74.3

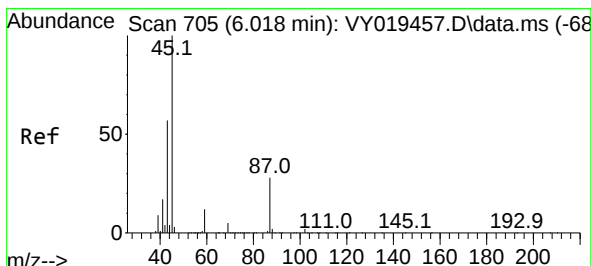
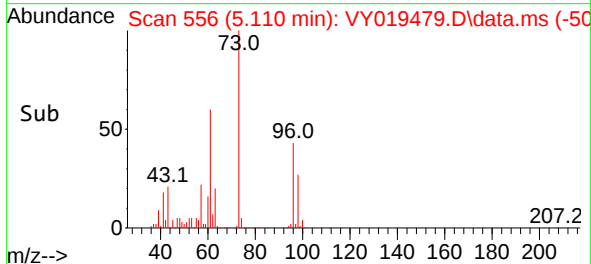
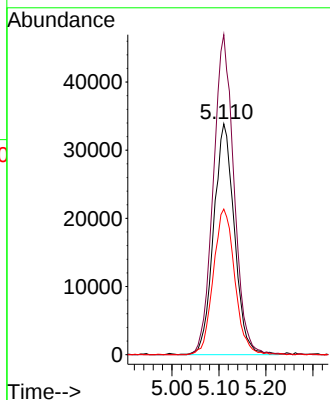
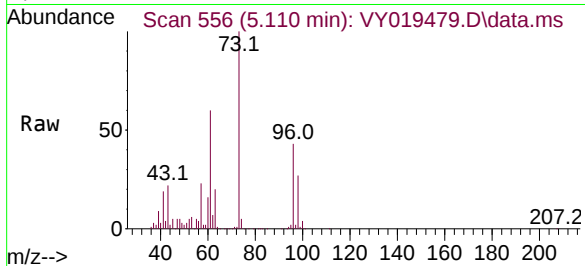




#21
trans-1,2-Dichloroethene
Concen: 20.071 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

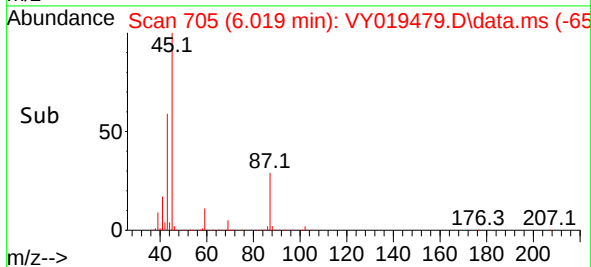
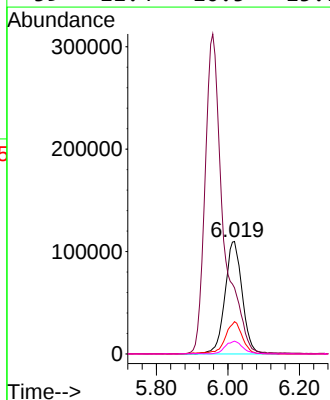
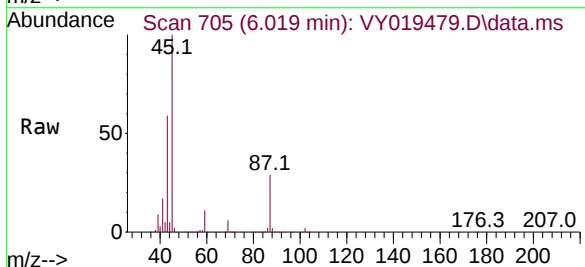
Instrument :
MSVOA_Y
ClientSampleId :

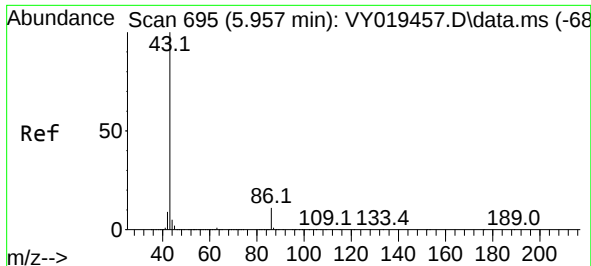
Tgt Ion: 96 Resp: 104264
Ion Ratio Lower Upper
96 100
61 138.6 97.5 146.3
98 63.1 50.5 75.7



#22
Diisopropyl ether
Concen: 21.033 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 45 Resp: 367092
Ion Ratio Lower Upper
45 100
43 58.6 42.2 63.2
87 28.8 25.0 37.6
59 11.4 10.5 15.7

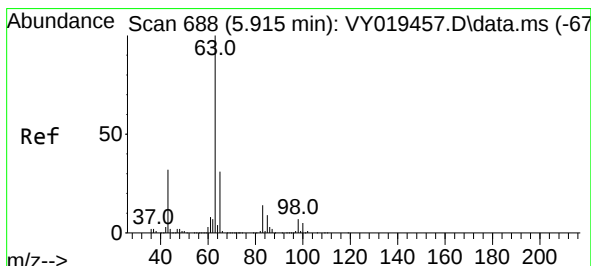
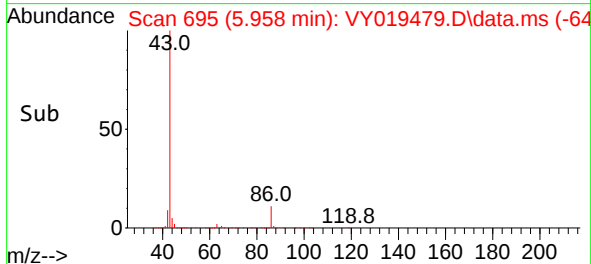
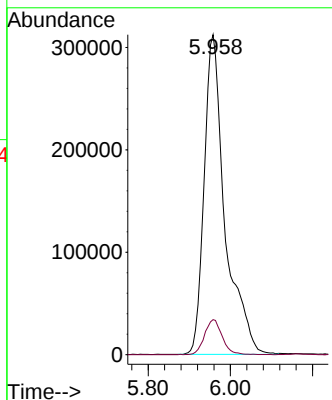
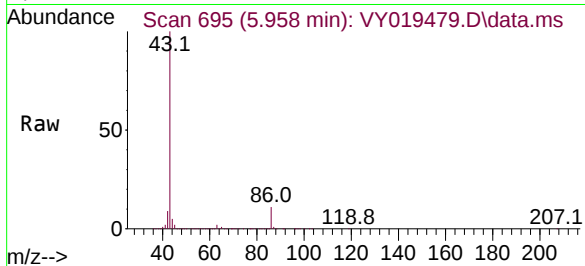




#23
 Vinyl Acetate
 Concen: 110.229 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019479.D
 Acq: 10 Sep 2024 10:37

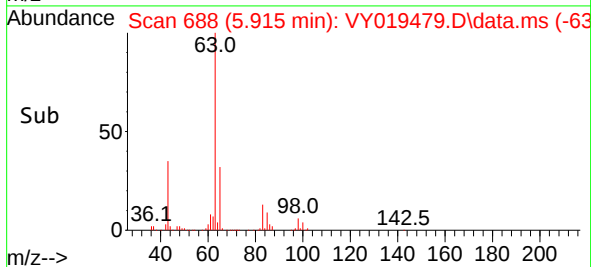
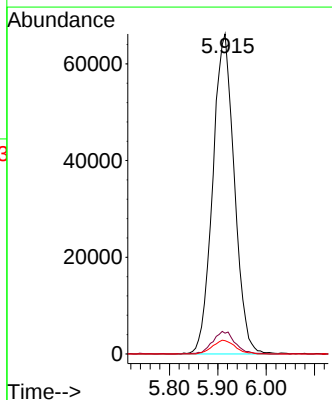
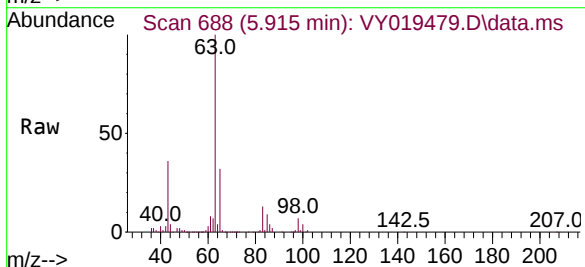
Instrument :
 MSVOA_Y
 ClientSampleId :

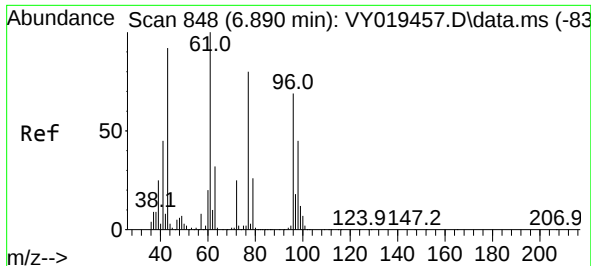
Tgt Ion: 43 Resp: 1098887
 Ion Ratio Lower Upper
 43 100
 86 11.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.948 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019479.D
 Acq: 10 Sep 2024 10:37

Tgt Ion: 63 Resp: 205161
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.0 12.2
 100 4.1 2.6 8.0





#25

2-Butanone

Concen: 111.909 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

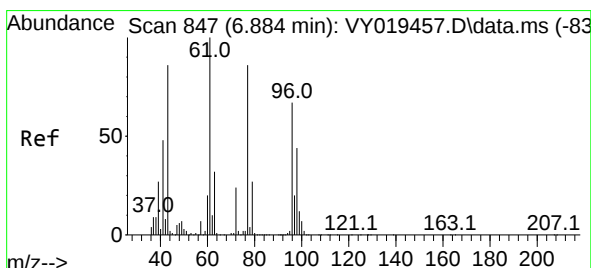
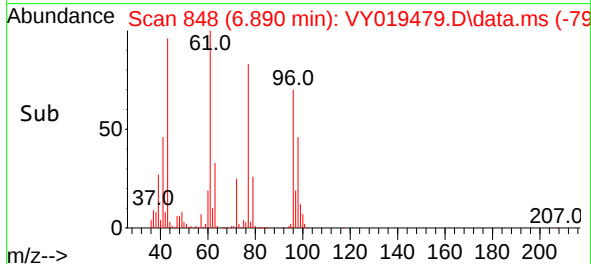
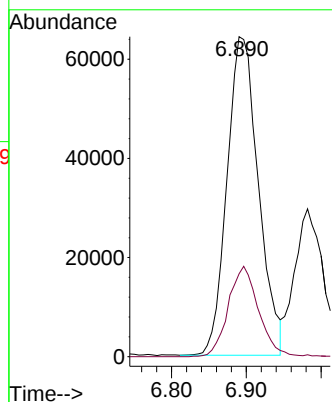
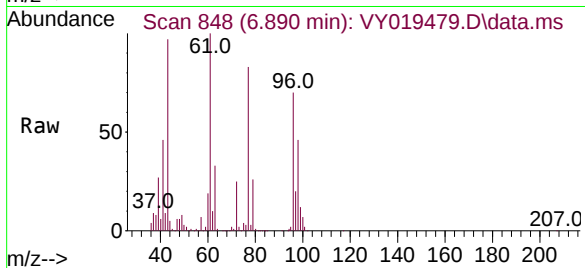
ClientSampleId :

Tgt Ion: 43 Resp: 187560

Ion Ratio Lower Upper

43 100

72 26.0 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 20.975 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY019479.D

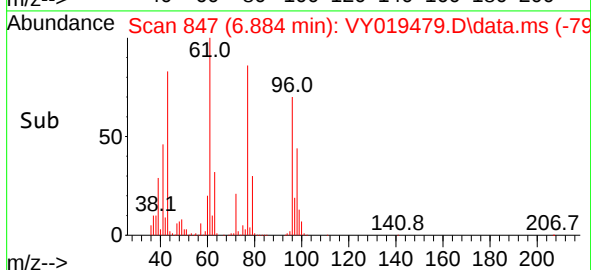
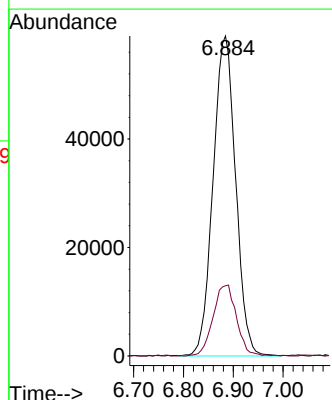
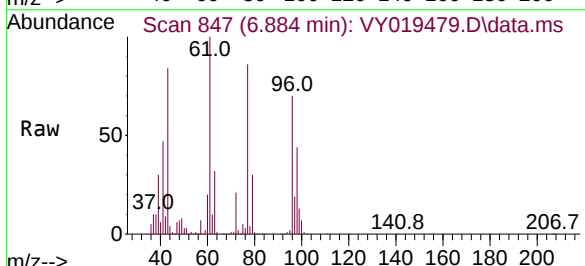
Acq: 10 Sep 2024 10:37

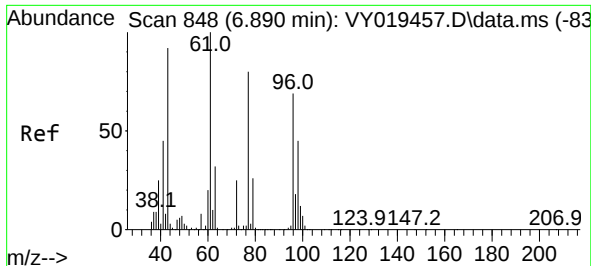
Tgt Ion: 77 Resp: 185303

Ion Ratio Lower Upper

77 100

97 22.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.825 ug/l

RT: 6.884 min Scan# 848

Delta R.T. -0.006 min

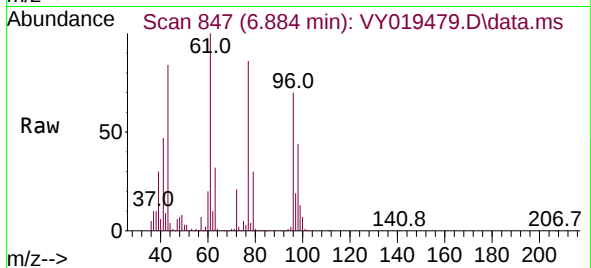
Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :



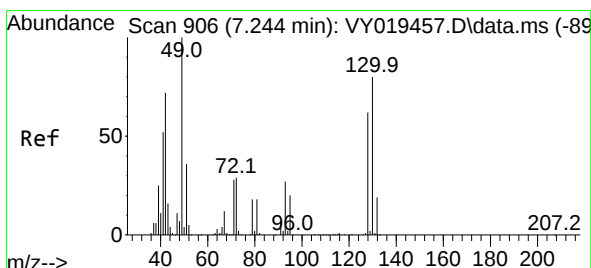
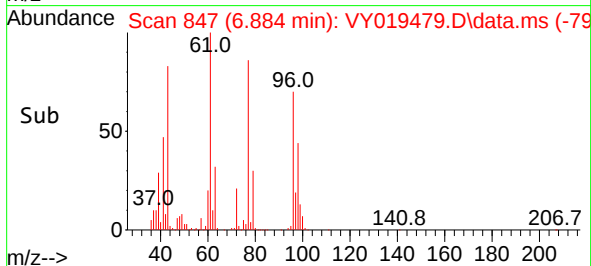
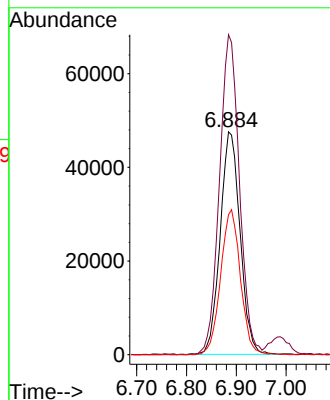
Tgt Ion: 96 Resp: 131413

Ion Ratio Lower Upper

96 100

61 144.7 0.0 256.2

98 65.1 0.0 130.0



#28

Bromochloromethane

Concen: 20.536 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

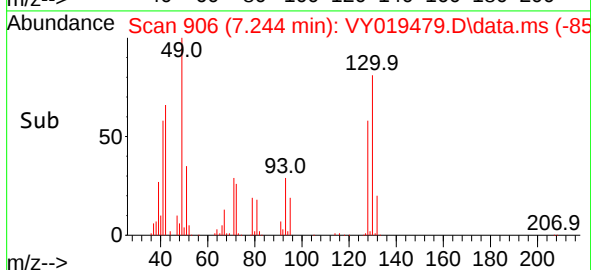
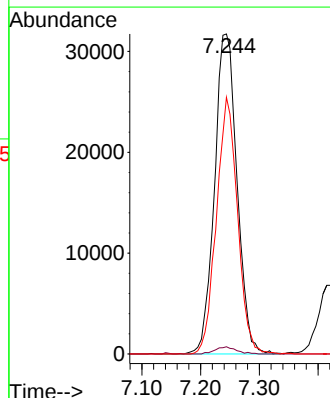
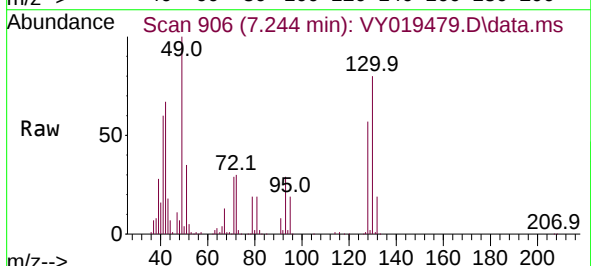
Tgt Ion: 49 Resp: 84623

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 75.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 104.940 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

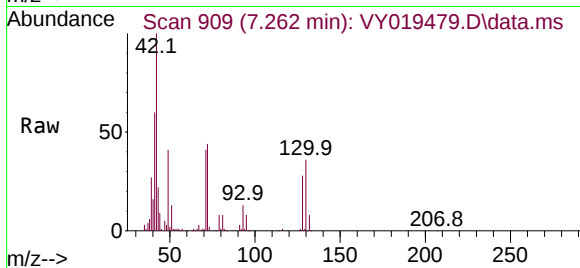
Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :



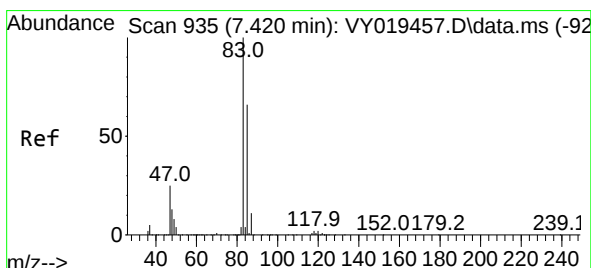
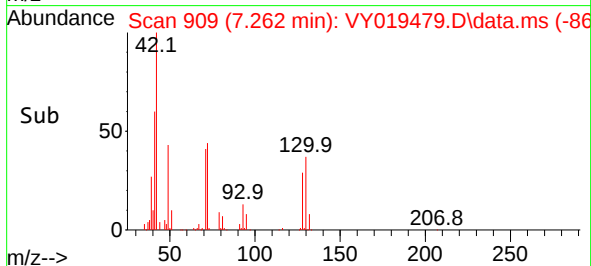
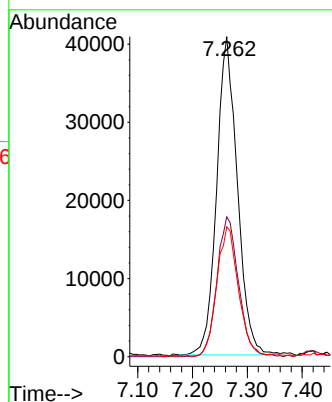
Tgt Ion: 42 Resp: 106938

Ion Ratio Lower Upper

42 100

72 45.9 43.0 64.4

71 42.0 40.8 61.2



#30

Chloroform

Concen: 21.104 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019479.D

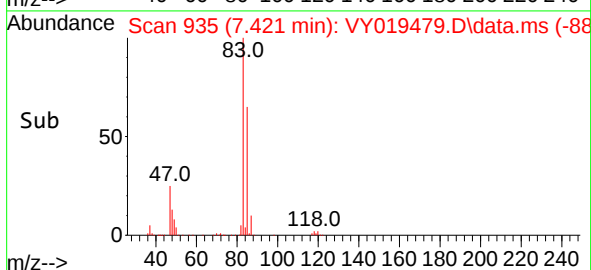
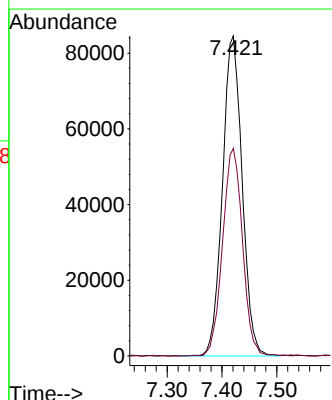
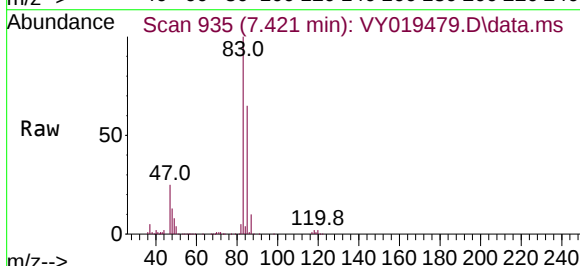
Acq: 10 Sep 2024 10:37

Tgt Ion: 83 Resp: 210997

Ion Ratio Lower Upper

83 100

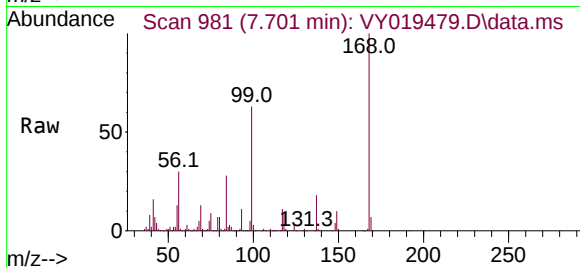
85 64.8 52.2 78.4



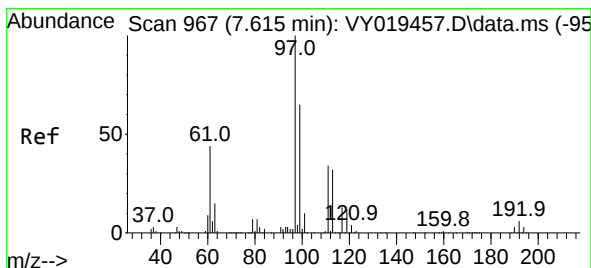
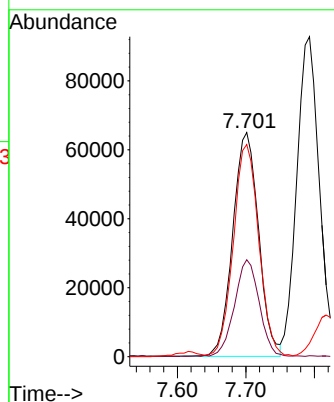
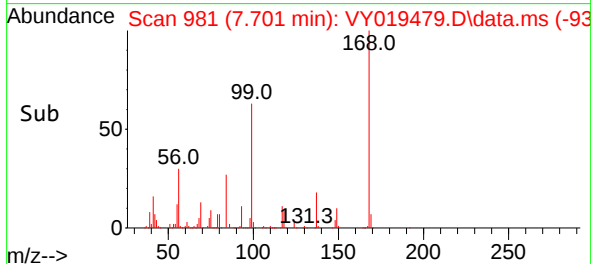


#31
Cyclohexane
Concen: 19.221 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :

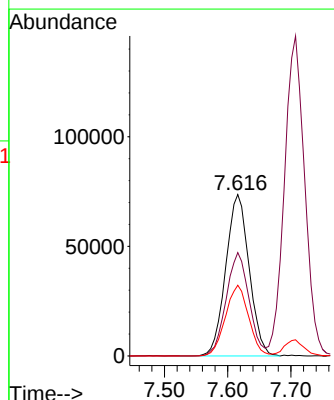
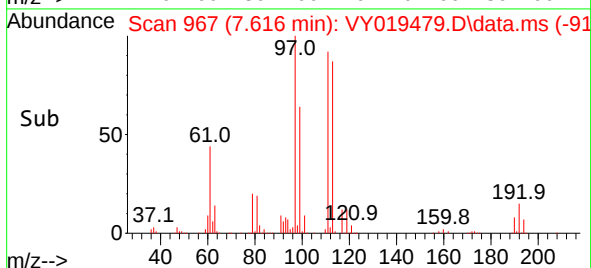
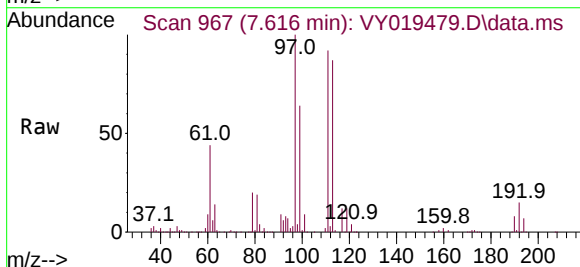


Tgt Ion: 56 Resp: 170152
Ion Ratio Lower Upper
56 100
69 43.1 28.7 43.1#
84 93.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.091 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 97 Resp: 189001
Ion Ratio Lower Upper
97 100
99 62.6 50.3 75.5
61 43.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 57.369 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

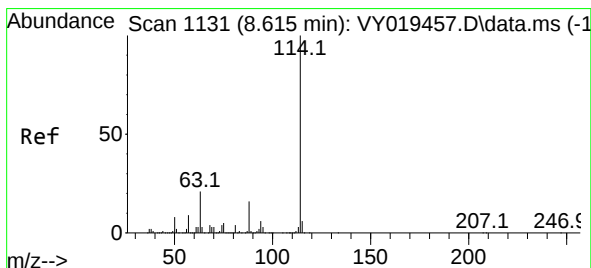
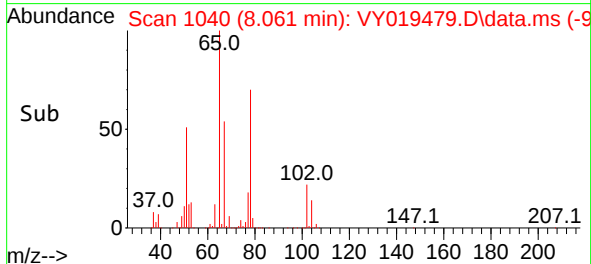
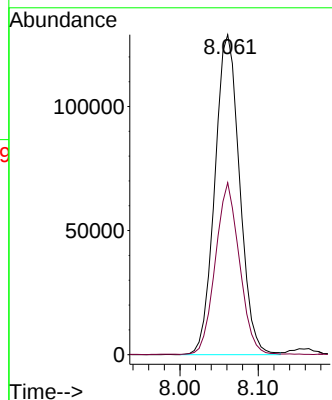
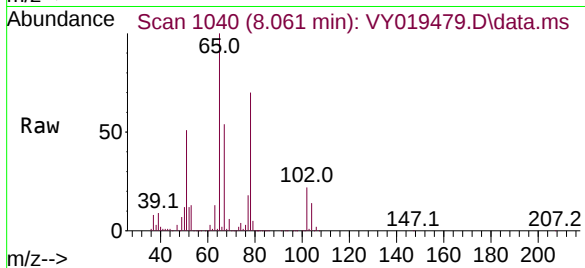
ClientSampleId :

Tgt Ion: 65 Resp: 283772

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

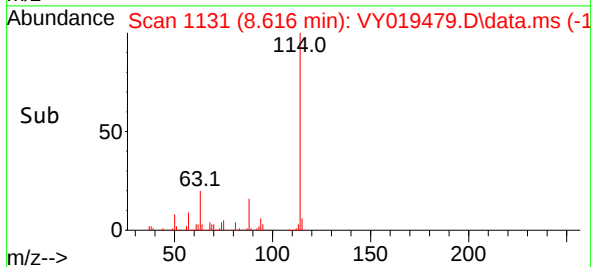
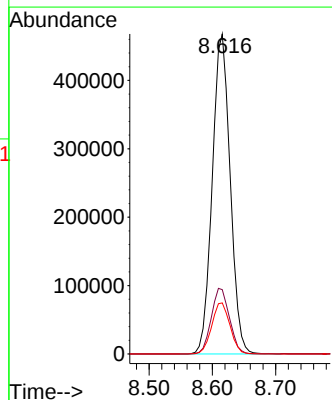
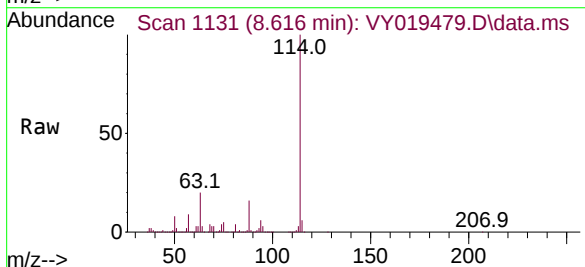
Tgt Ion: 114 Resp: 918154

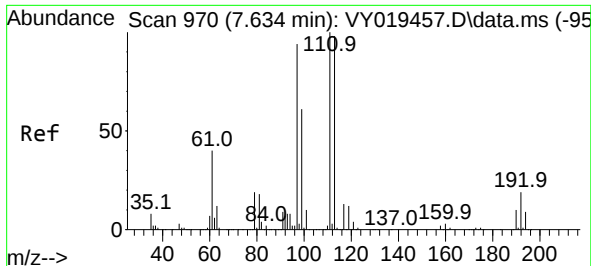
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.0

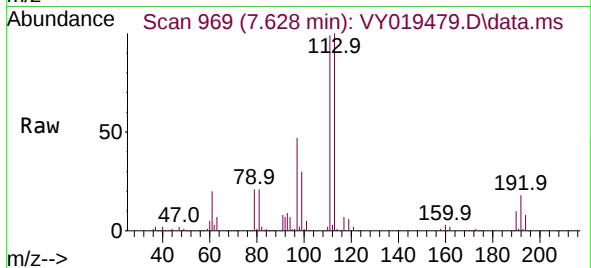
88 15.9 0.0 27.2





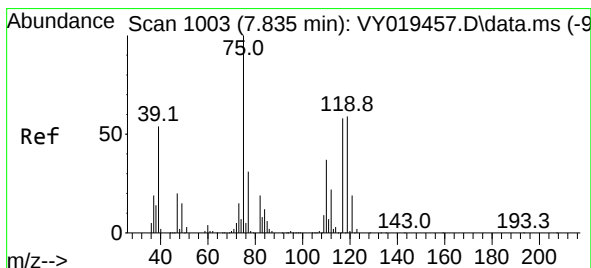
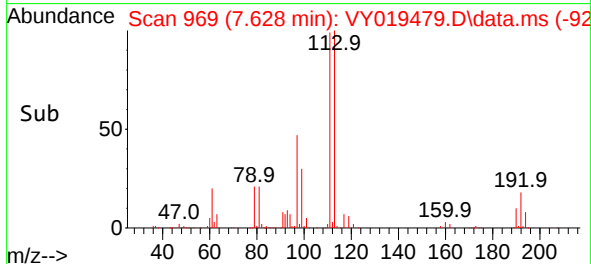
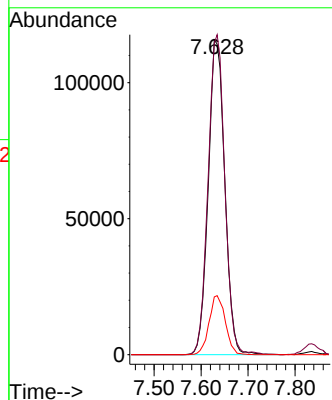
#35
 Dibromofluoromethane
 Concen: 54.264 ug/l
 RT: 7.628 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY019479.D
 Acq: 10 Sep 2024 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:113 Resp: 282485

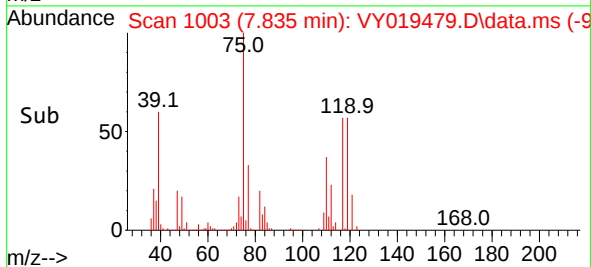
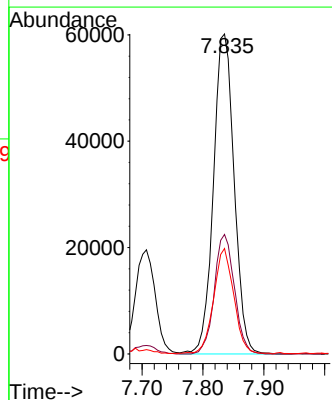
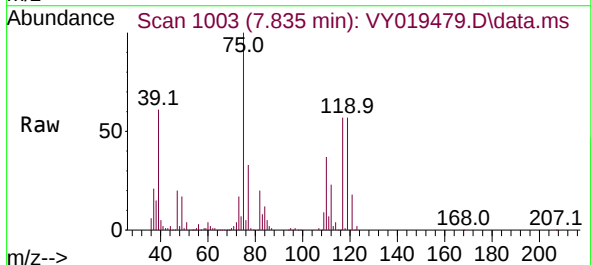
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	18.5	15.9	23.9



#36
 1,1-Dichloropropene
 Concen: 20.074 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY019479.D
 Acq: 10 Sep 2024 10:37

Tgt Ion: 75 Resp: 142192

Ion	Ratio	Lower	Upper
75	100		
110	36.2	19.0	57.0
77	32.2	25.3	37.9





#37

Ethyl Acetate

Concen: 22.402 ug/l

RT: 6.982 min Scan# 81

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

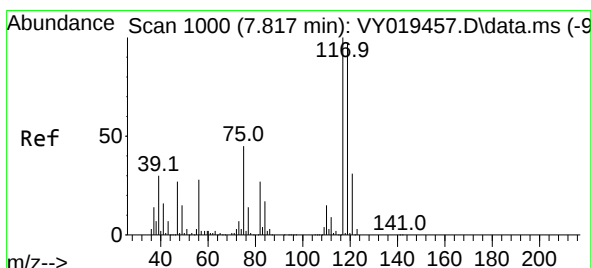
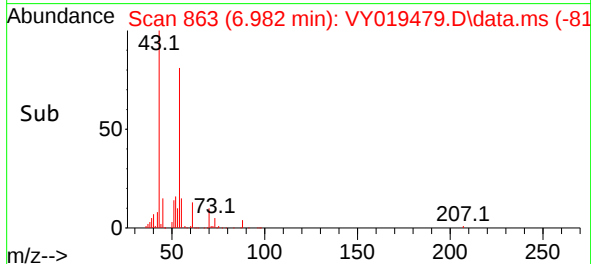
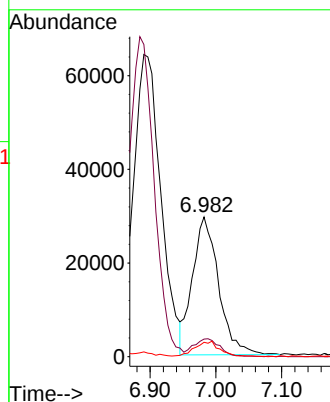
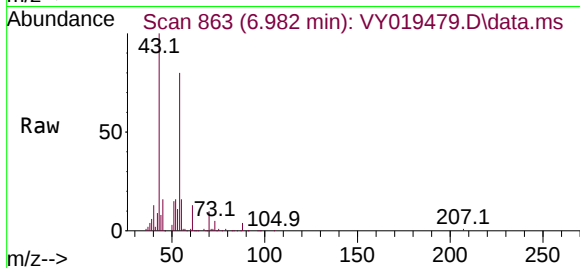
Tgt Ion: 43 Resp: 81306

Ion Ratio Lower Upper

43 100

61 13.1 12.6 19.0

70 10.9 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.400 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

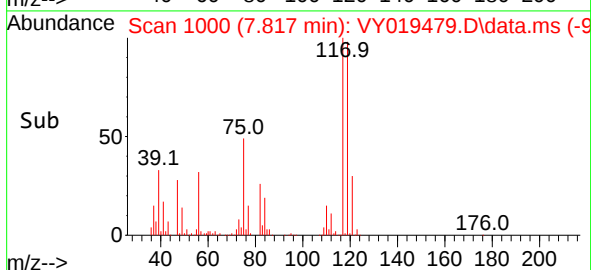
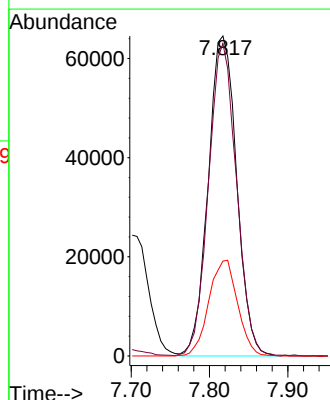
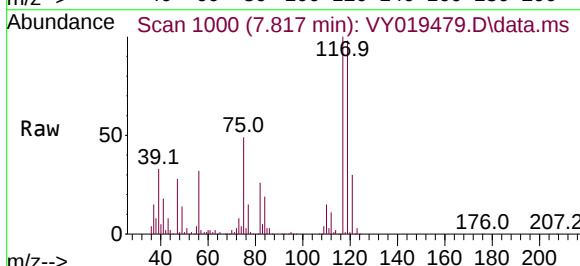
Tgt Ion: 117 Resp: 162957

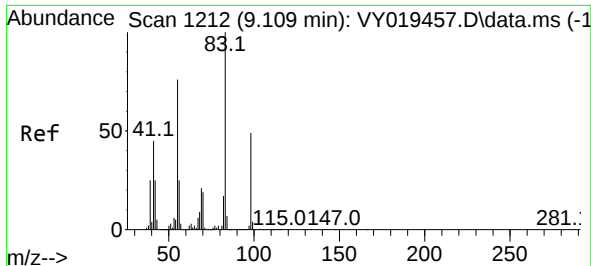
Ion Ratio Lower Upper

117 100

119 97.4 75.8 113.6

121 29.6 24.0 36.0





#39

Methylcyclohexane

Concen: 19.302 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

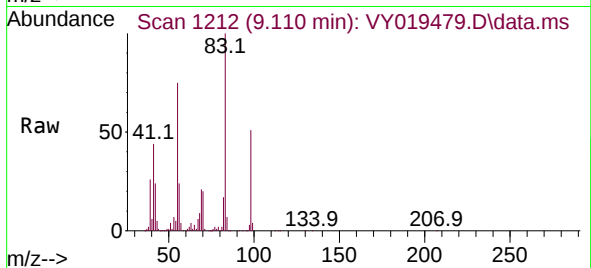
Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :



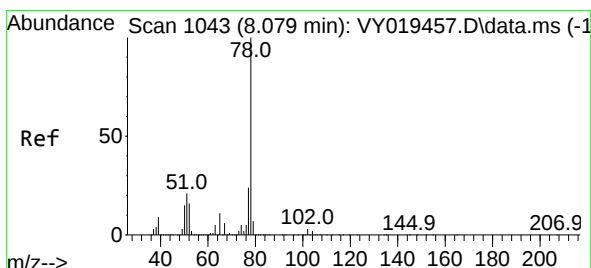
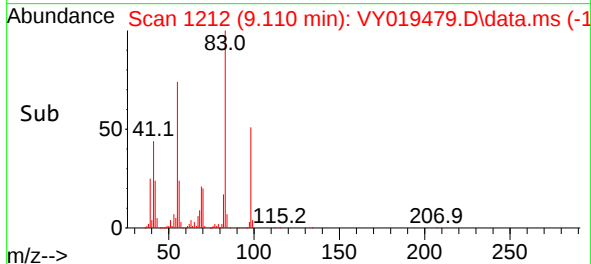
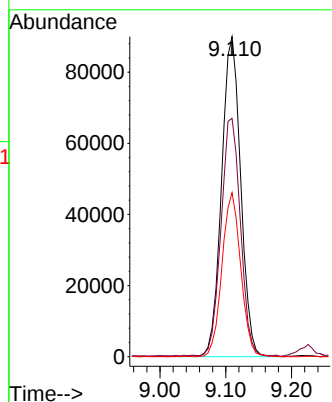
Tgt Ion: 83 Resp: 181954

Ion Ratio Lower Upper

83 100

55 74.4 51.5 77.3

98 51.2 40.5 60.7



#40

Benzene

Concen: 20.265 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019479.D

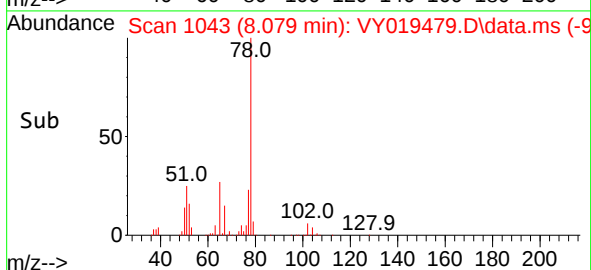
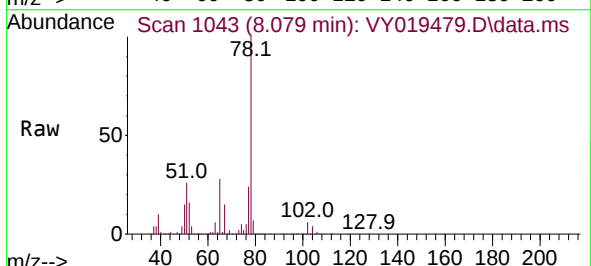
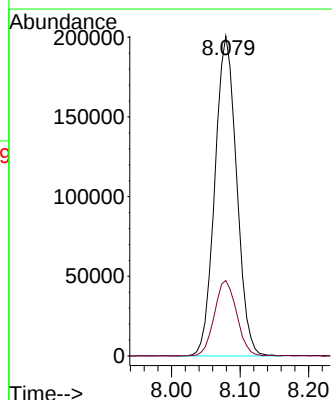
Acq: 10 Sep 2024 10:37

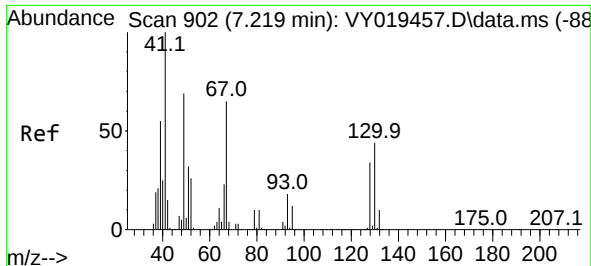
Tgt Ion: 78 Resp: 442138

Ion Ratio Lower Upper

78 100

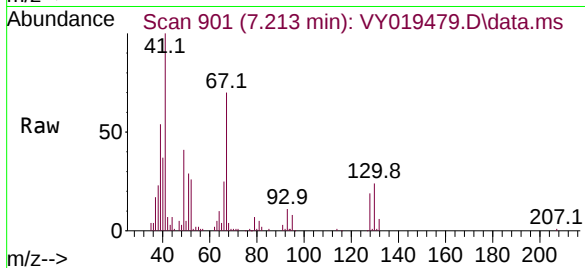
77 23.5 19.5 29.3



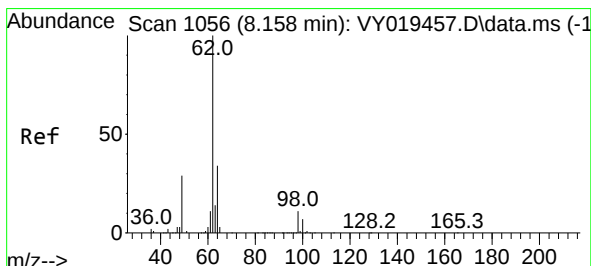
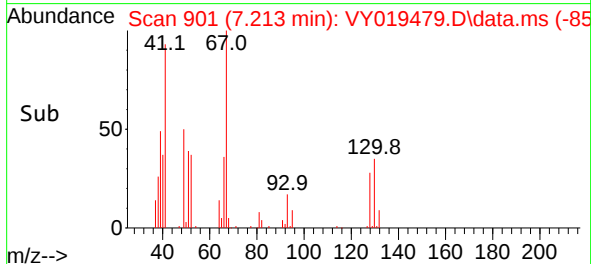
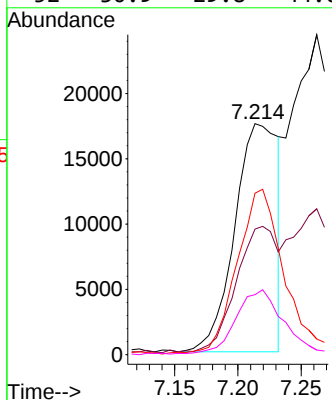


#41
Methacrylonitrile
Concen: 19.646 ug/l
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :

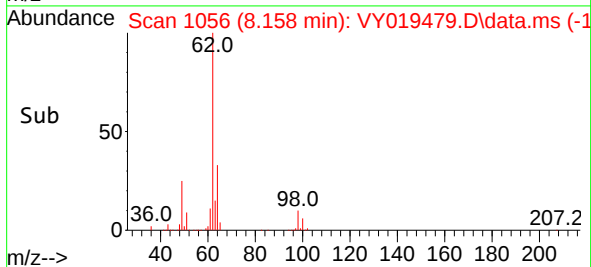
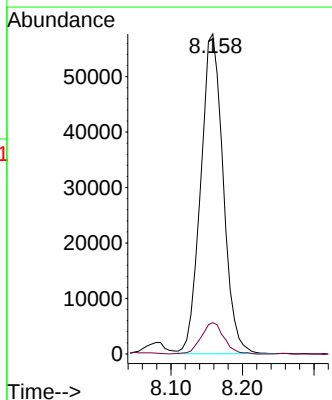
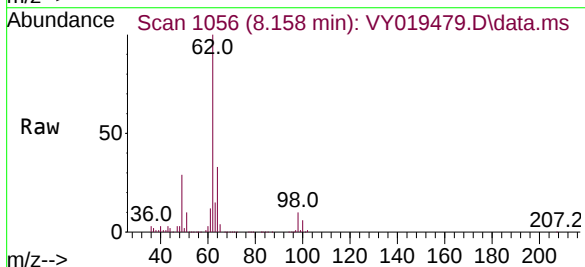


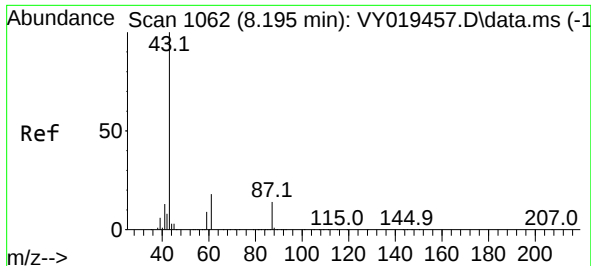
Tgt Ion: 41 Resp: 41565
Ion Ratio Lower Upper
41 100
39 51.9 48.0 72.0
67 78.4 75.1 112.7
52 30.9 29.8 44.6



#42
1,2-Dichloroethane
Concen: 21.420 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 62 Resp: 125753
Ion Ratio Lower Upper
62 100
98 10.0 0.0 22.0

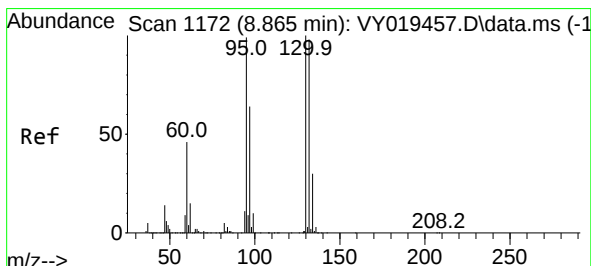
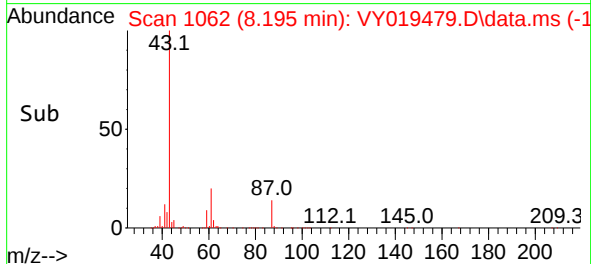
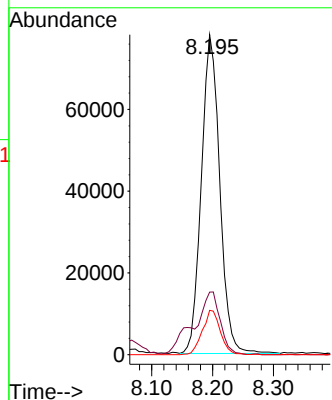
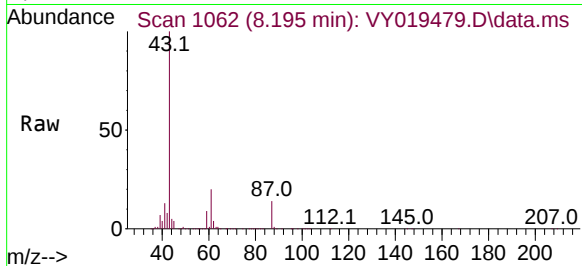




#43
Isopropyl Acetate
Concen: 21.510 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

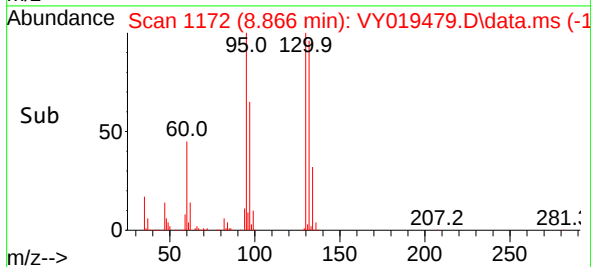
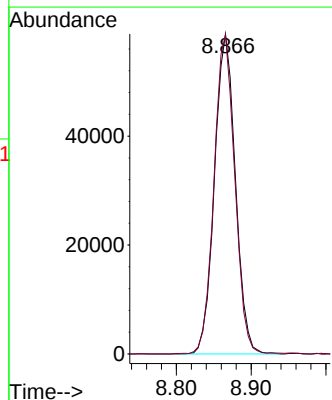
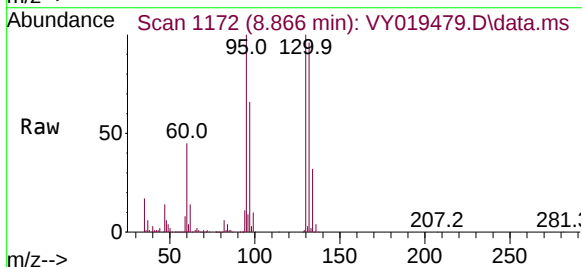
Instrument :
MSVOA_Y
ClientSampleId :

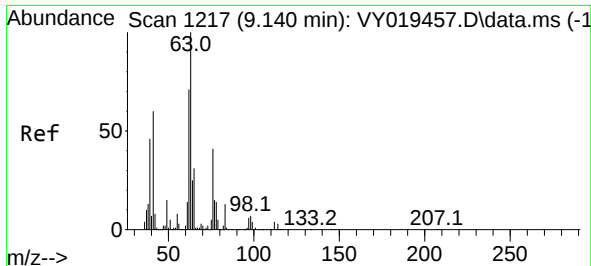
Tgt Ion: 43 Resp: 164013
Ion Ratio Lower Upper
43 100
61 19.8 27.9 41.9#
87 13.6 13.1 19.7



#44
Trichloroethene
Concen: 20.312 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Tgt Ion:130 Resp: 113971
Ion Ratio Lower Upper
130 100
95 99.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.543 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

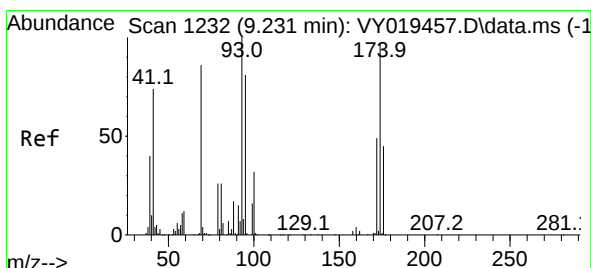
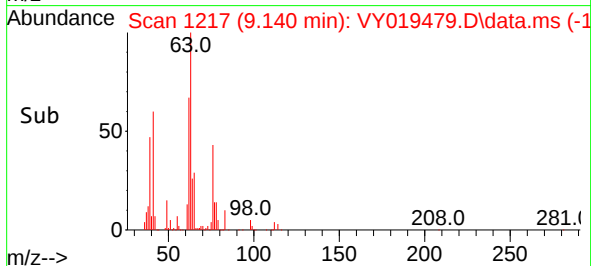
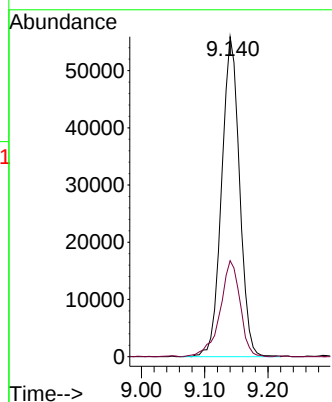
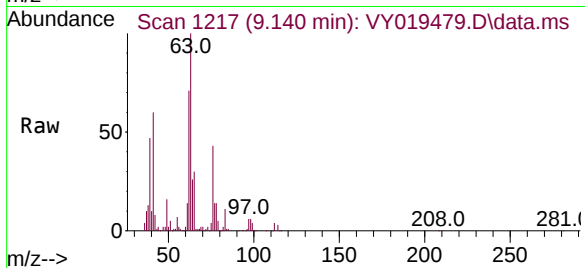
ClientSampleId :

Tgt Ion: 63 Resp: 109573

Ion Ratio Lower Upper

63 100

65 30.0 25.4 38.2



#46

Dibromomethane

Concen: 21.333 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

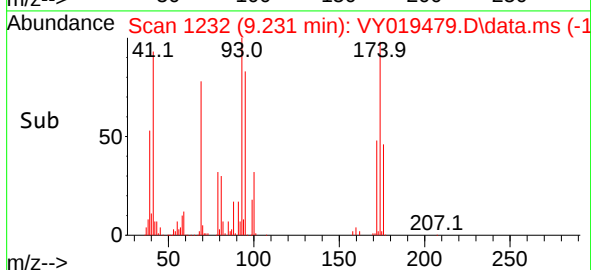
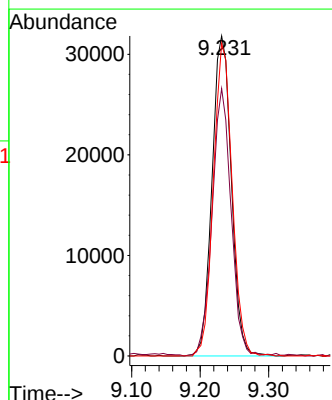
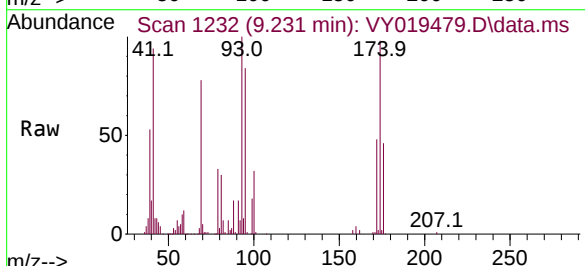
Tgt Ion: 93 Resp: 62226

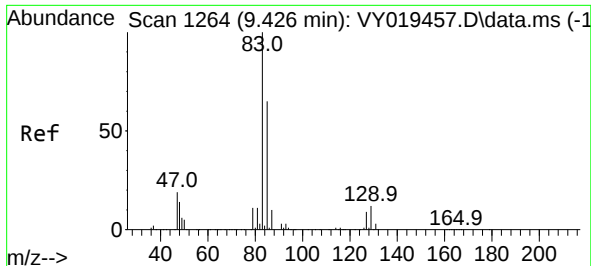
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.4

174 95.2 80.9 121.3

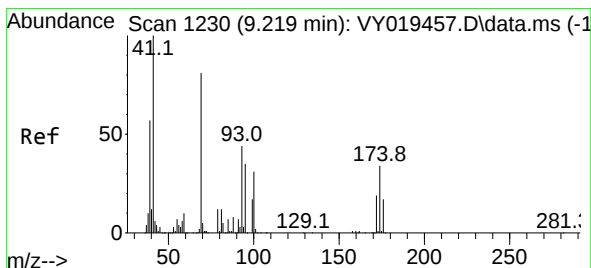
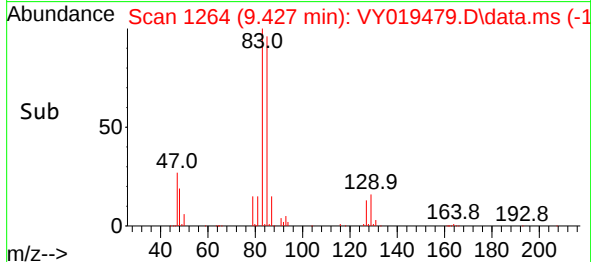
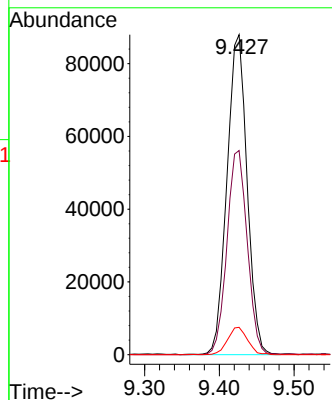
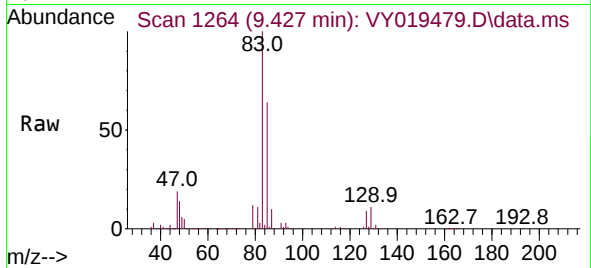




#47
Bromodichloromethane
Concen: 21.021 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

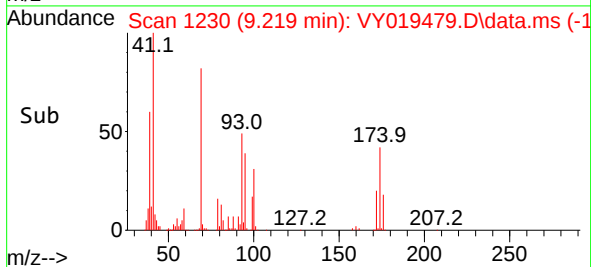
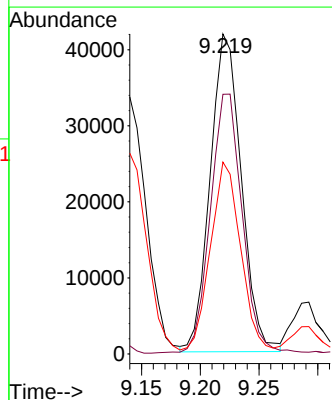
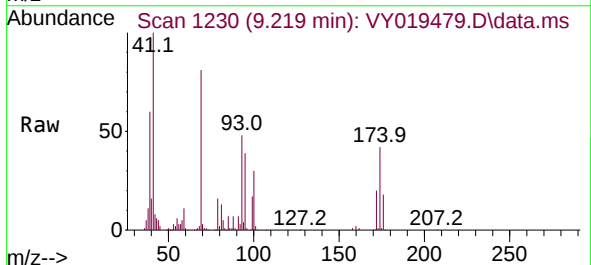
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 164816
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.6 7.4 11.0



#48
Methyl methacrylate
Concen: 21.448 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 41 Resp: 77232
Ion Ratio Lower Upper
41 100
69 82.8 84.1 126.1#
39 56.8 43.6 65.4

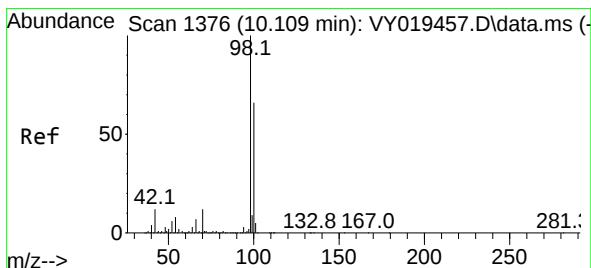
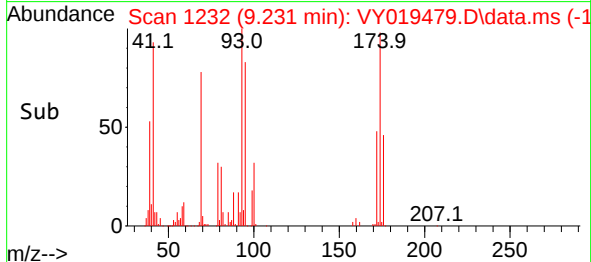
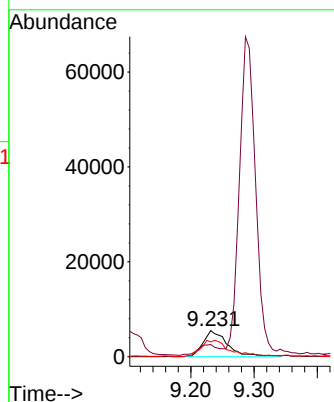
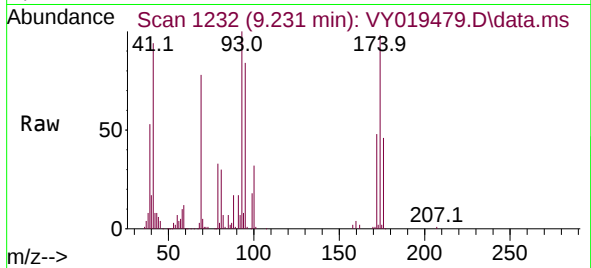




#49
1,4-Dioxane
Concen: 429.500 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

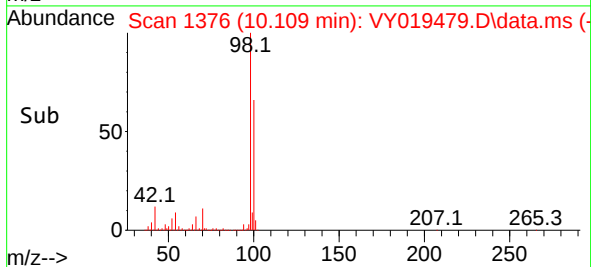
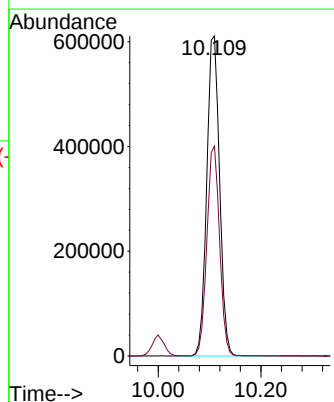
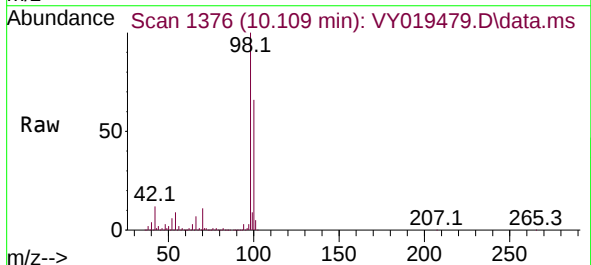
Instrument :
MSVOA_Y
ClientSampleId :

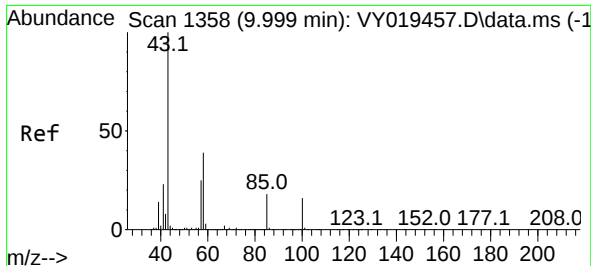
Tgt Ion: 88 Resp: 14748
Ion Ratio Lower Upper
88 100
43 35.2 0.0 0.0#
58 73.2 49.3 73.9



#50
Toluene-d8
Concen: 54.829 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 98 Resp: 1055734
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 109.050 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

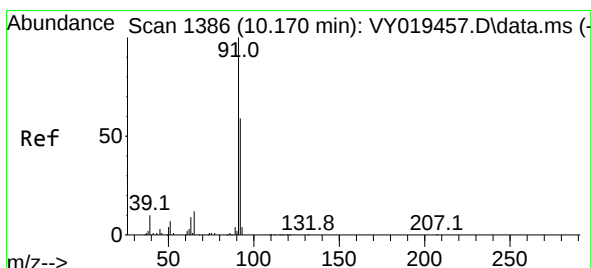
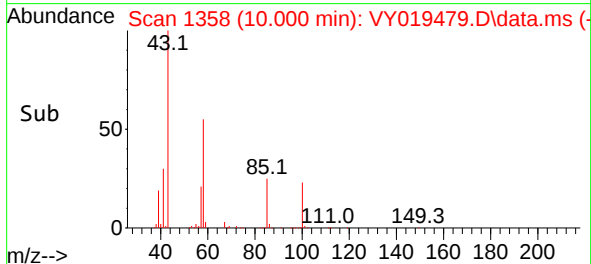
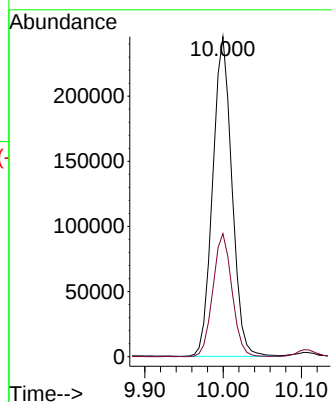
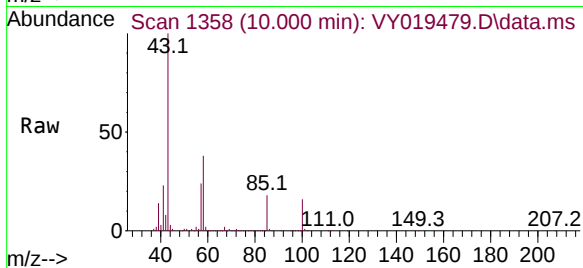
ClientSampleId :

Tgt Ion: 43 Resp: 418334

Ion Ratio Lower Upper

43 100

58 38.3 35.7 53.5



#52

Toluene

Concen: 20.316 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019479.D

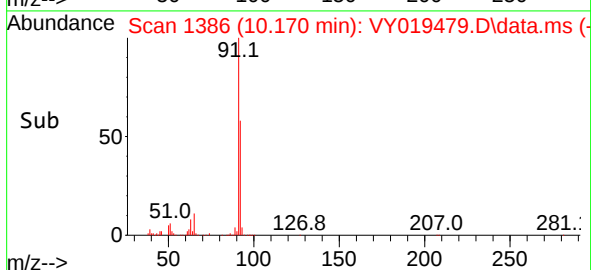
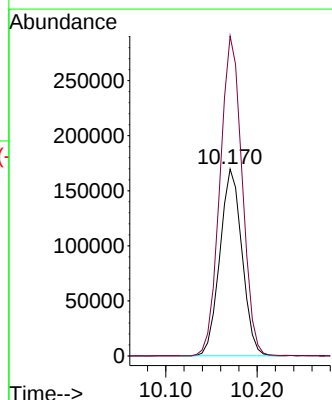
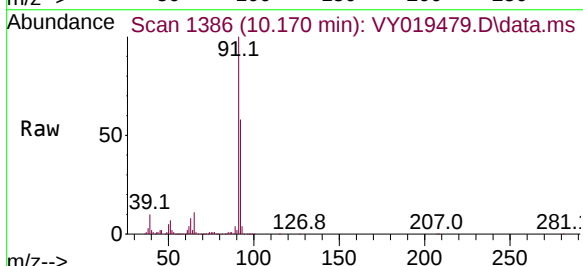
Acq: 10 Sep 2024 10:37

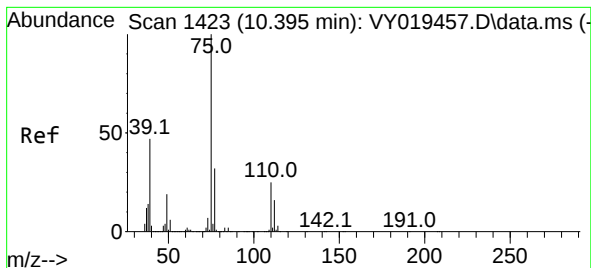
Tgt Ion: 92 Resp: 285071

Ion Ratio Lower Upper

92 100

91 171.9 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 20.726 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

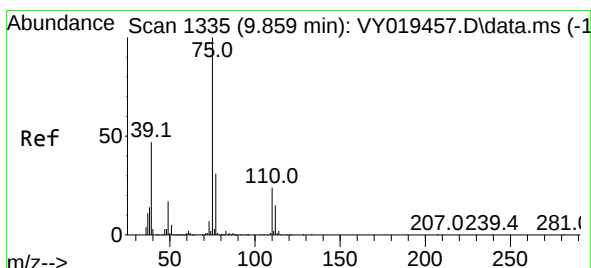
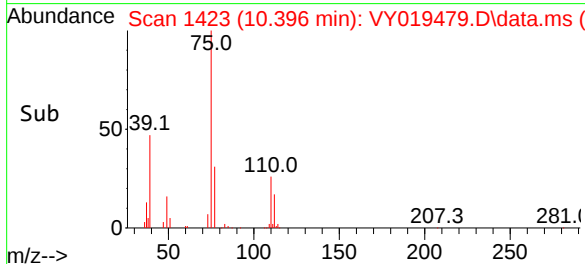
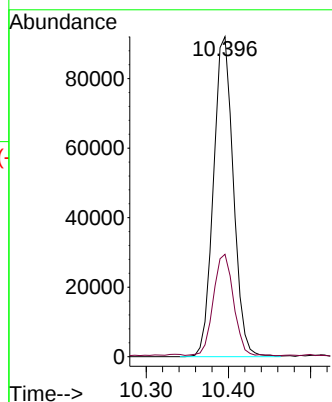
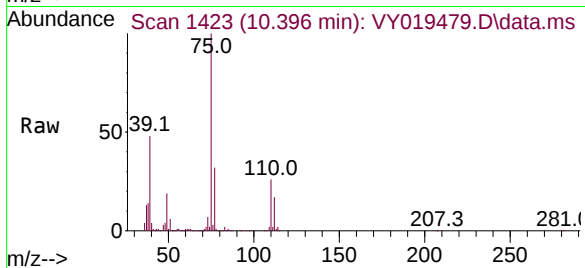
ClientSampleId :

Tgt Ion: 75 Resp: 154914

Ion Ratio Lower Upper

75 100

77 31.7 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 20.401 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

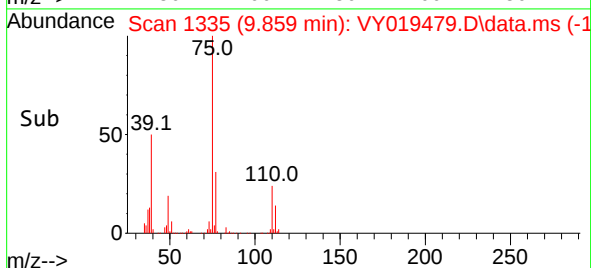
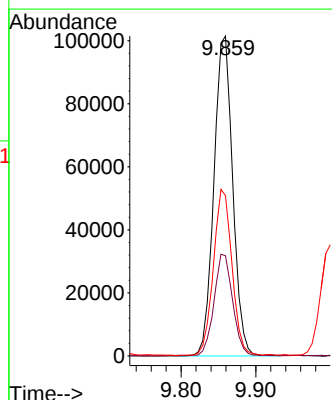
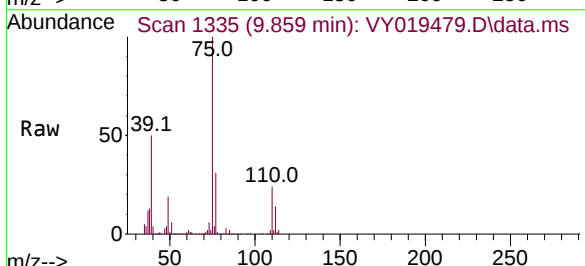
Tgt Ion: 75 Resp: 177550

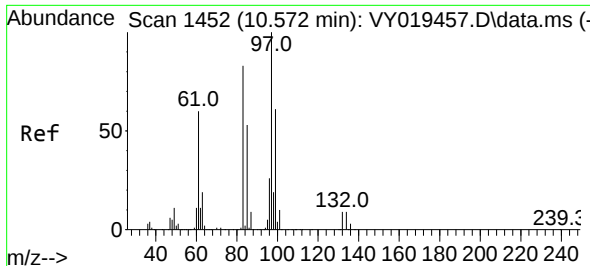
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 49.9 29.8 44.6#

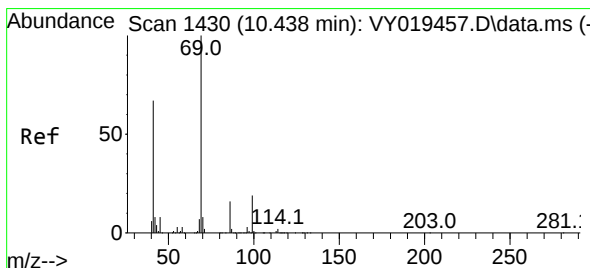
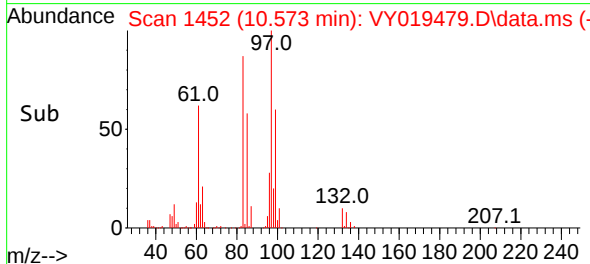
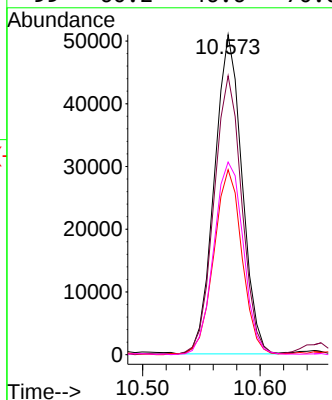
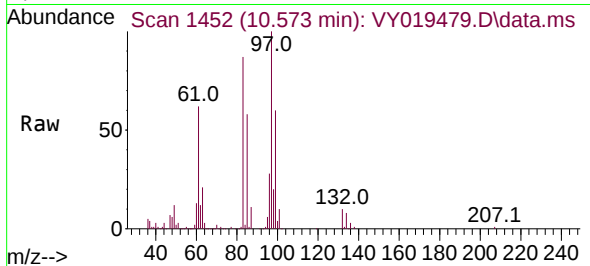




#55
 1,1,2-Trichloroethane
 Concen: 20.609 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY019479.D
 Acq: 10 Sep 2024 10:37

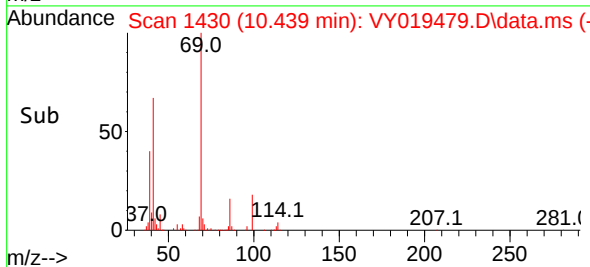
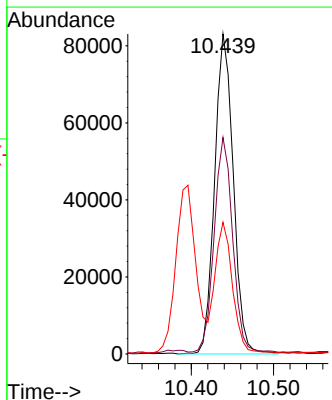
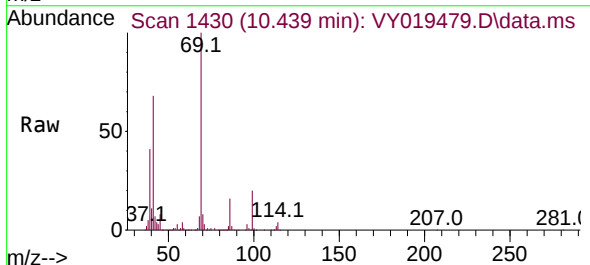
Instrument :
 MSVOA_Y
 ClientSampleId :

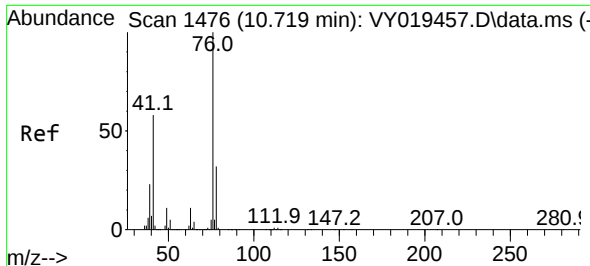
Tgt Ion: 97	Resp: 83015
Ion Ratio	Lower Upper
97 100	
83 87.2	67.5 101.3
85 57.7	42.9 64.3
99 60.2	46.6 70.0



#56
 Ethyl methacrylate
 Concen: 21.447 ug/l
 RT: 10.439 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VY019479.D
 Acq: 10 Sep 2024 10:37

Tgt Ion: 69	Resp: 131229
Ion Ratio	Lower Upper
69 100	
41 66.2	42.3 63.5#
39 37.7	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.943 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

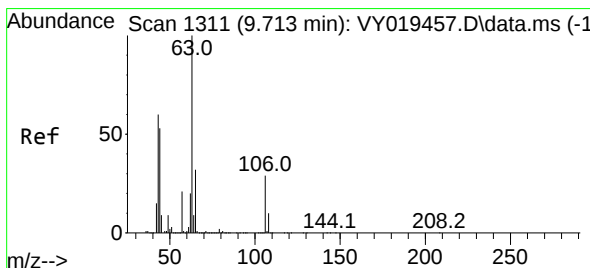
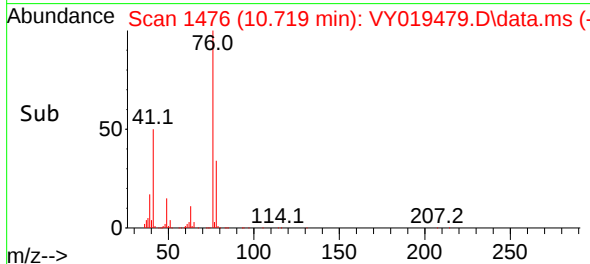
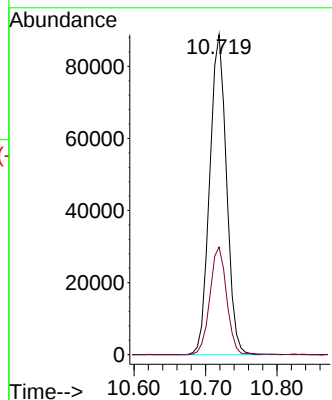
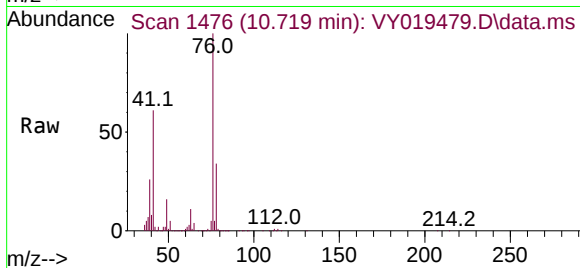
ClientSampleId :

Tgt Ion: 76 Resp: 145008

Ion Ratio Lower Upper

76 100

78 33.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 104.111 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019479.D

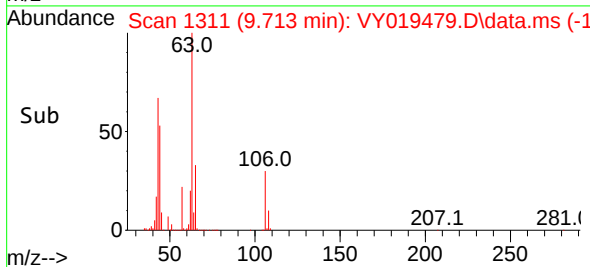
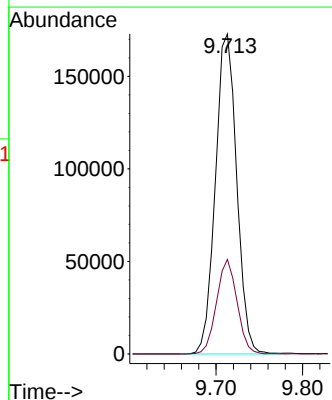
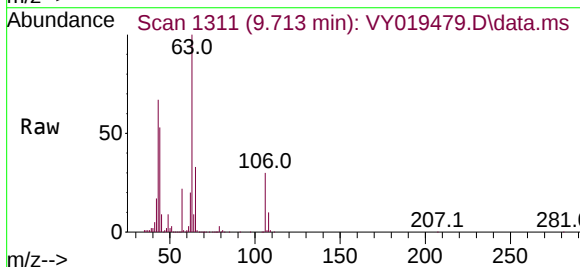
Acq: 10 Sep 2024 10:37

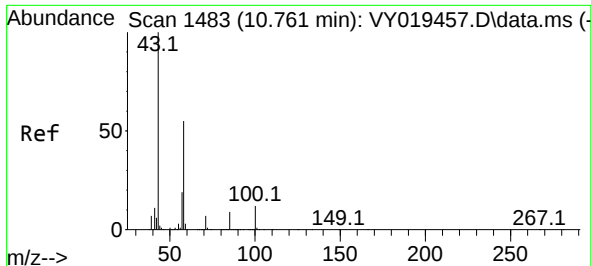
Tgt Ion: 63 Resp: 295670

Ion Ratio Lower Upper

63 100

106 28.4 23.7 35.5





#59

2-Hexanone

Concen: 110.389 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

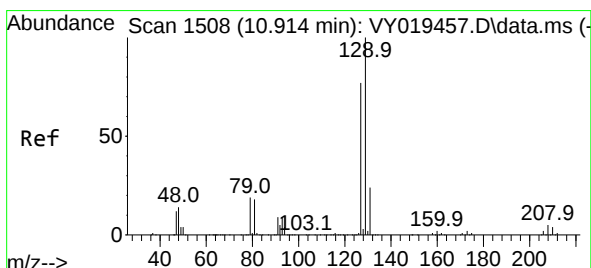
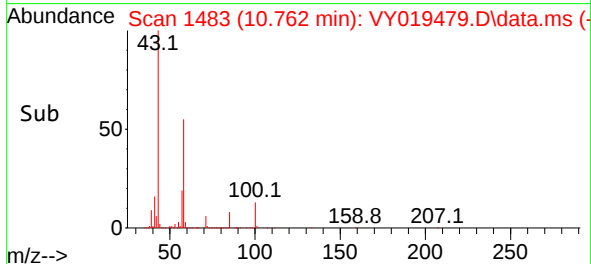
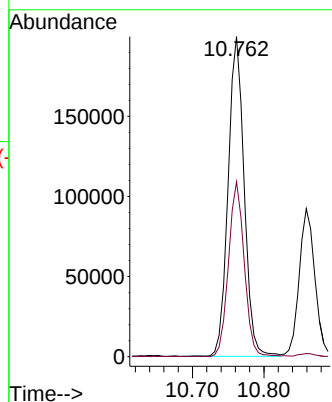
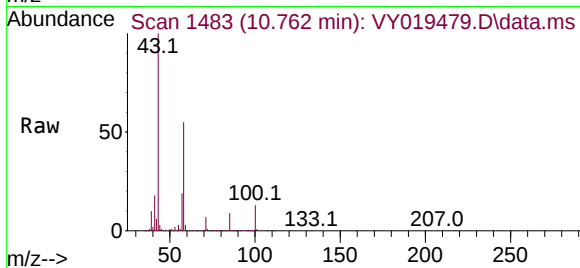
ClientSampleId :

Tgt Ion: 43 Resp: 310460

Ion Ratio Lower Upper

43 100

58 53.7 31.4 94.0



#60

Dibromochloromethane

Concen: 21.161 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY019479.D

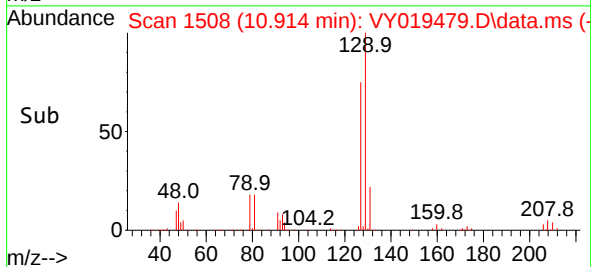
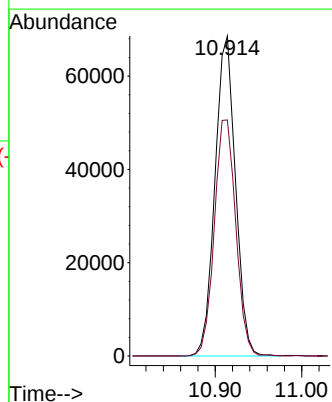
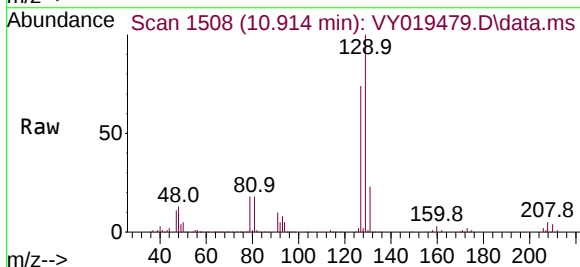
Acq: 10 Sep 2024 10:37

Tgt Ion:129 Resp: 112754

Ion Ratio Lower Upper

129 100

127 77.4 39.0 117.0

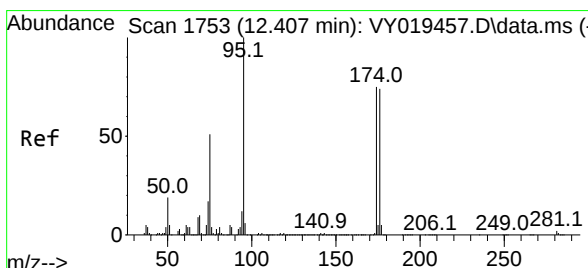
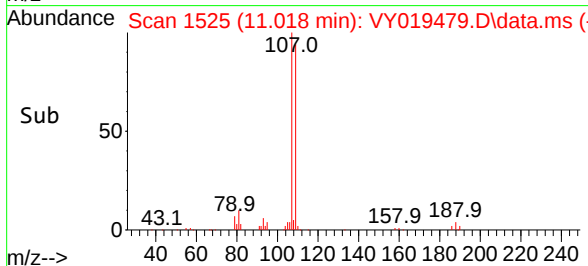
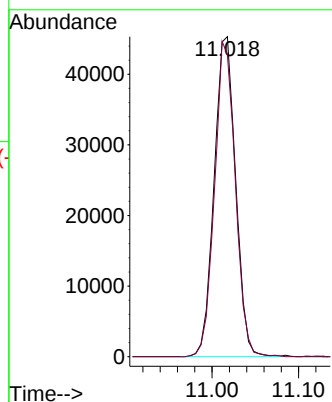
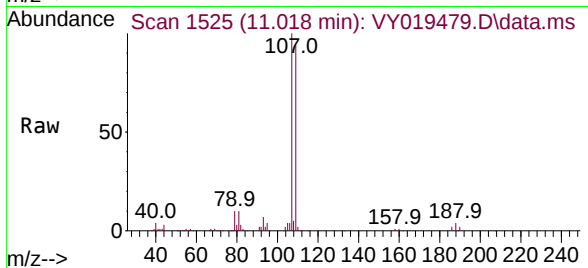




#61
1,2-Dibromoethane
Concen: 20.794 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

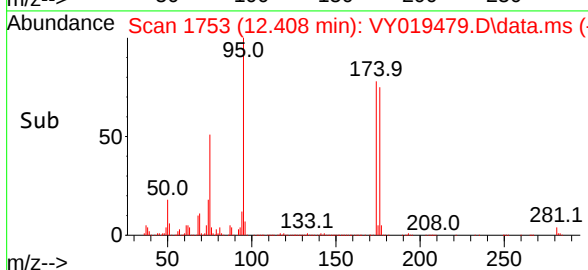
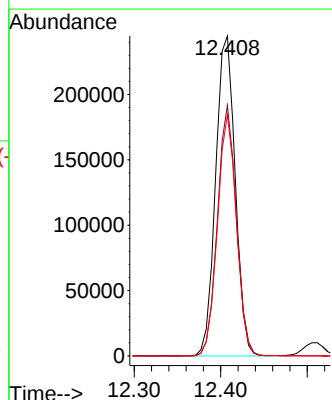
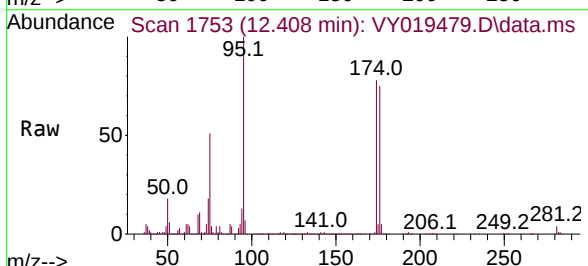
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 78042
Ion Ratio Lower Upper
107 100
109 95.1 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.871 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 95 Resp: 384033
Ion Ratio Lower Upper
95 100
174 75.7 0.0 175.6
176 73.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

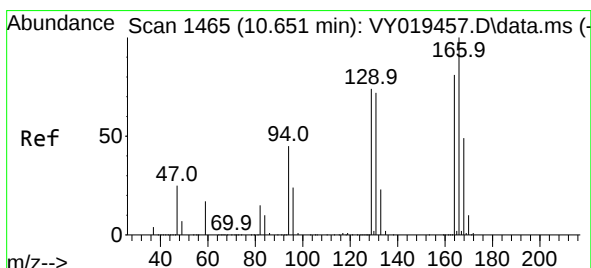
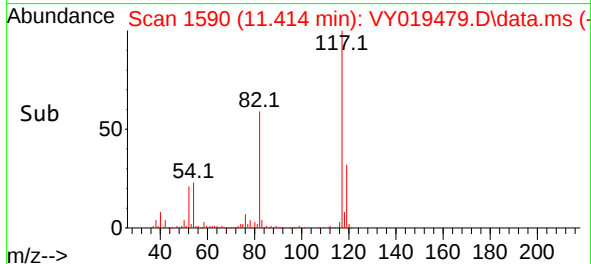
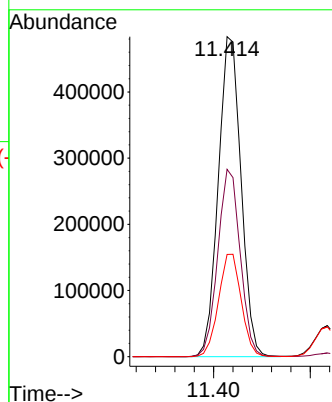
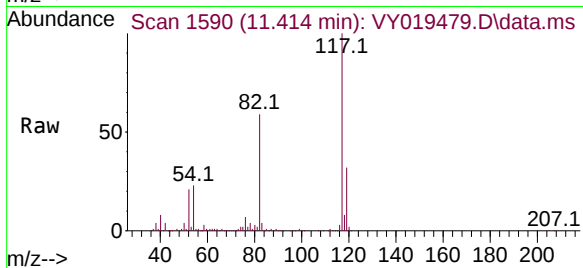
Tgt Ion:117 Resp: 788520

Ion Ratio Lower Upper

117 100

82 58.5 42.4 63.6

119 32.0 25.9 38.9



#64

Tetrachloroethene

Concen: 19.710 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Tgt Ion:164 Resp: 96242

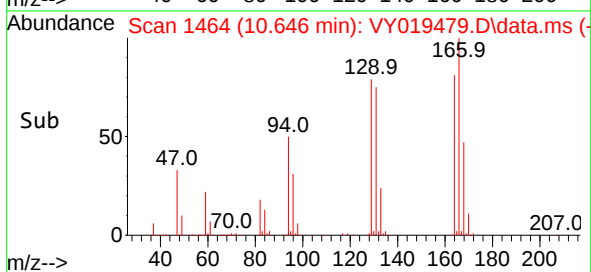
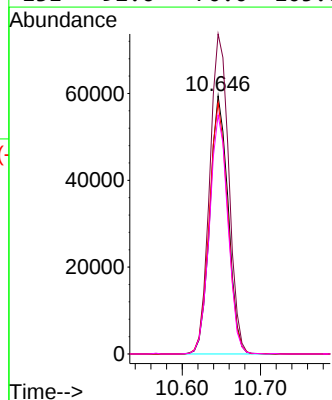
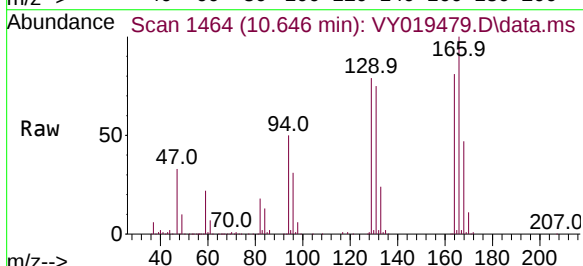
Ion Ratio Lower Upper

164 100

166 124.0 102.6 154.0

129 97.4 72.0 108.0

131 92.6 70.0 105.0





#65

Chlorobenzene

Concen: 20.826 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

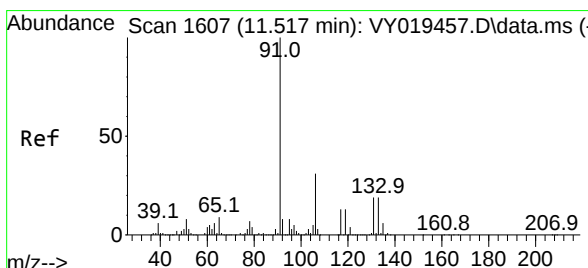
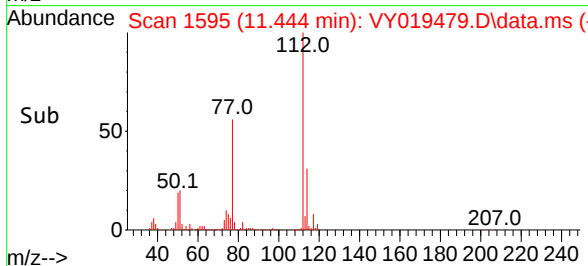
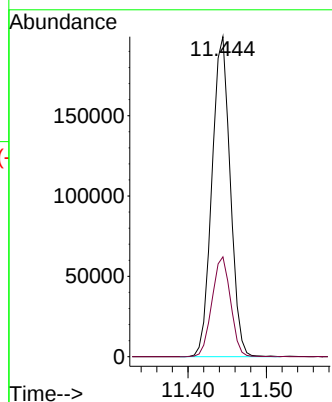
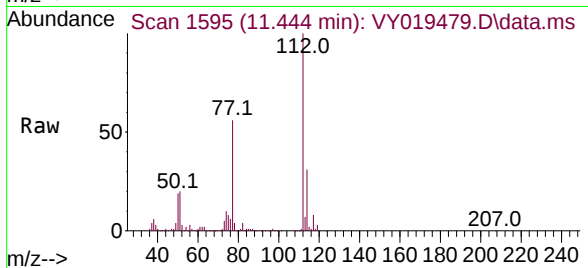
ClientSampleId :

Tgt Ion:112 Resp: 323023

Ion Ratio Lower Upper

112 100

114 31.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.822 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

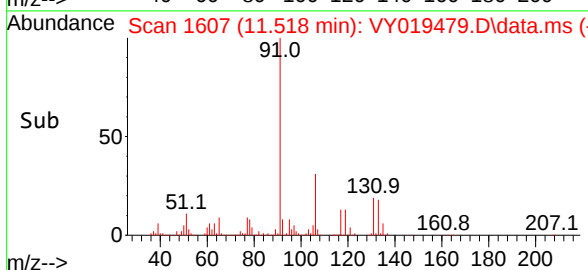
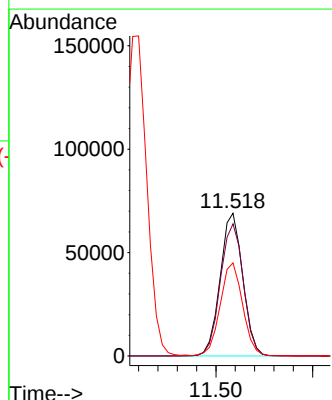
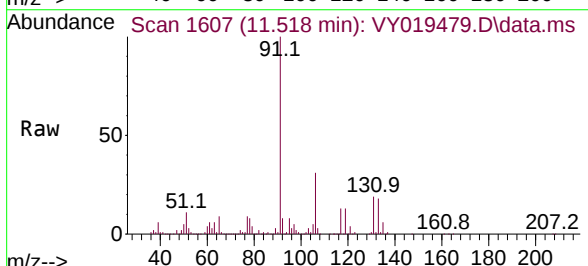
Tgt Ion:131 Resp: 111820

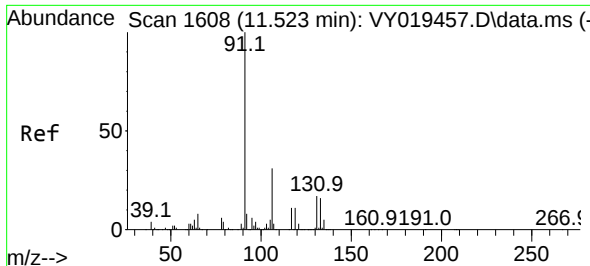
Ion Ratio Lower Upper

131 100

133 94.1 47.8 143.3

119 65.1 34.1 102.2





#67

Ethyl Benzene

Concen: 20.381 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

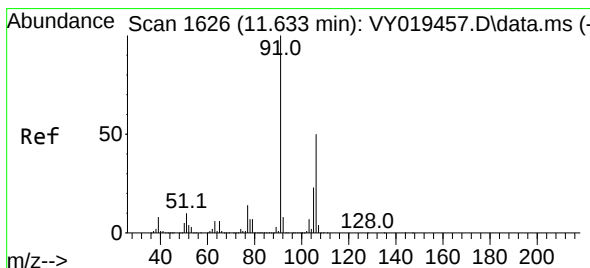
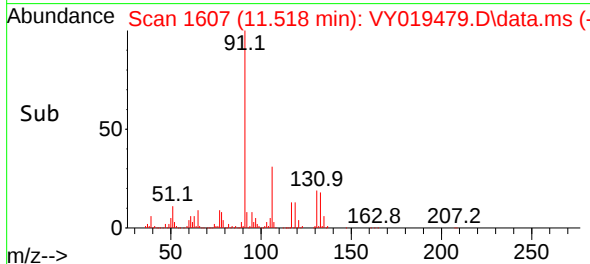
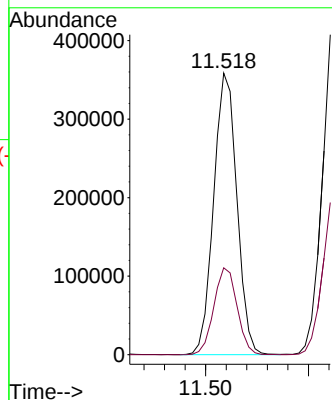
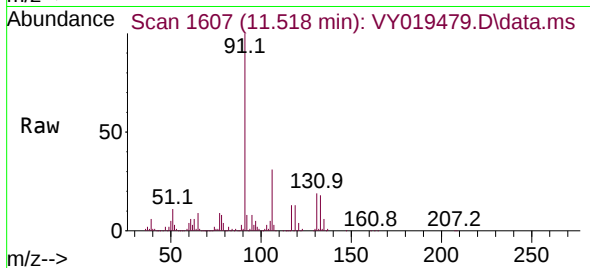
ClientSampleId :

Tgt Ion: 91 Resp: 561690

Ion Ratio Lower Upper

91 100

106 30.8 24.5 36.7



#68

m/p-Xylenes

Concen: 40.721 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019479.D

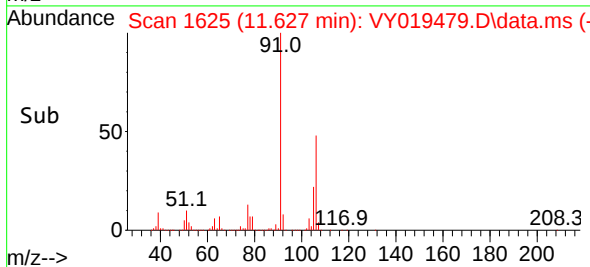
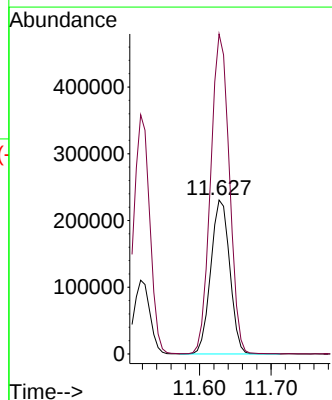
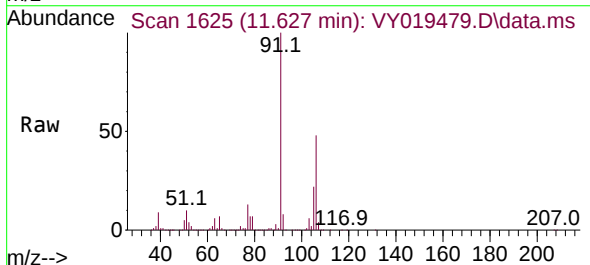
Acq: 10 Sep 2024 10:37

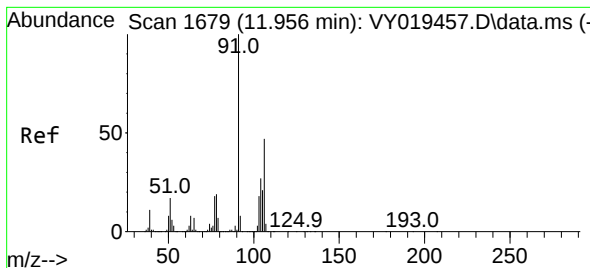
Tgt Ion:106 Resp: 424352

Ion Ratio Lower Upper

106 100

91 205.7 156.0 234.0





#69

o-Xylene

Concen: 20.092 ug/l

RT: 11.957 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

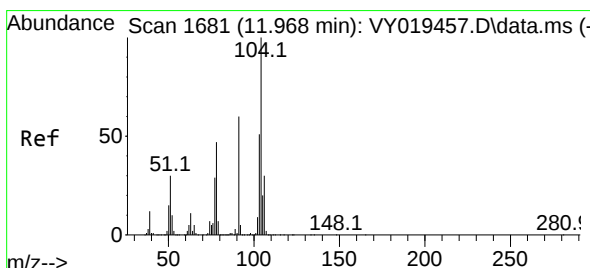
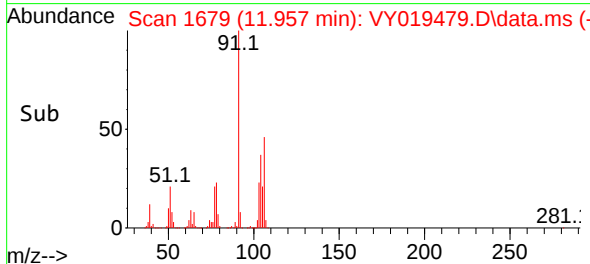
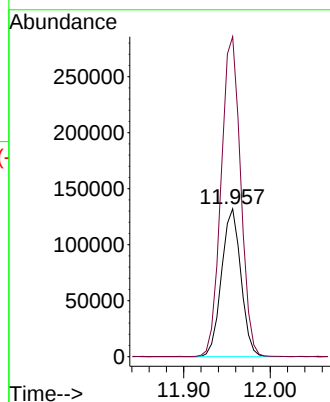
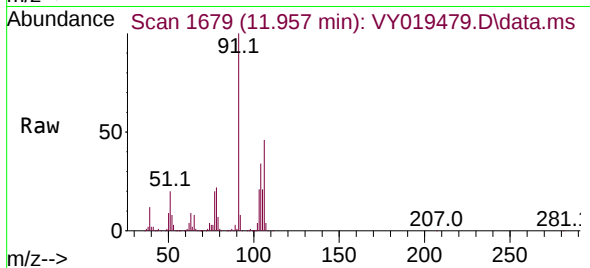
ClientSampleId :

Tgt Ion:106 Resp: 204768

Ion Ratio Lower Upper

106 100

91 218.4 103.6 310.8



#70

Styrene

Concen: 20.408 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

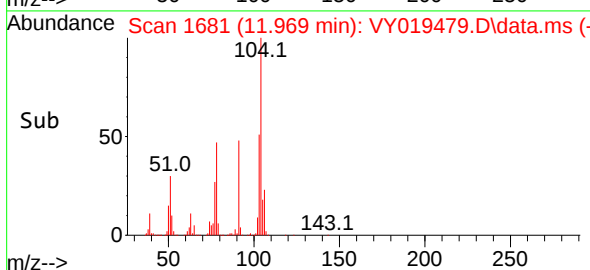
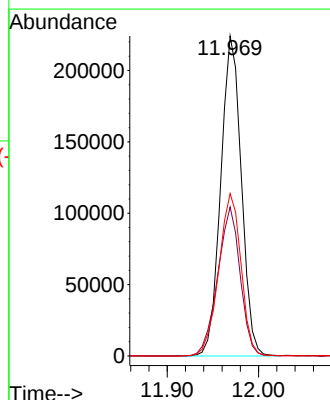
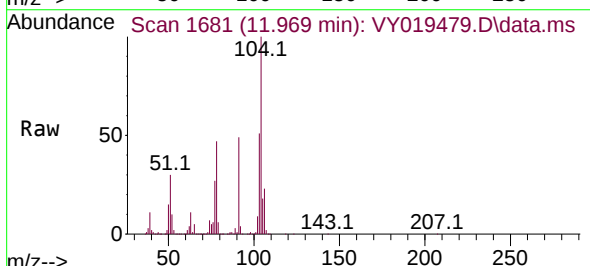
Tgt Ion:104 Resp: 351152

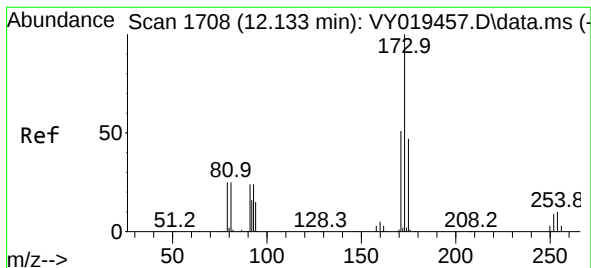
Ion Ratio Lower Upper

104 100

78 50.9 37.0 55.4

103 54.9 44.2 66.2





#71

Bromoform

Concen: 20.653 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

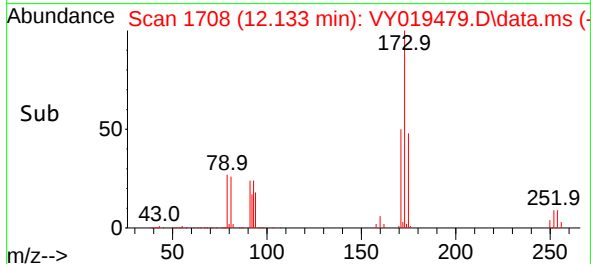
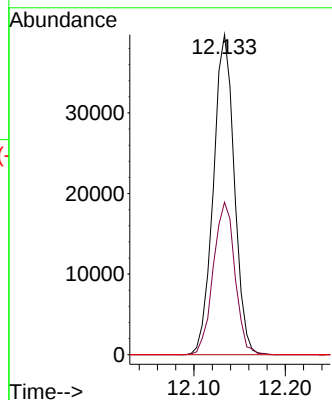
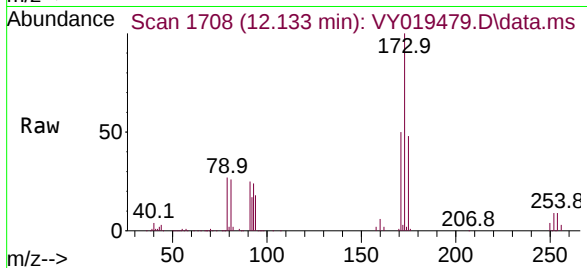
Tgt Ion:173 Resp: 63349

Ion Ratio Lower Upper

173 100

175 49.3 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

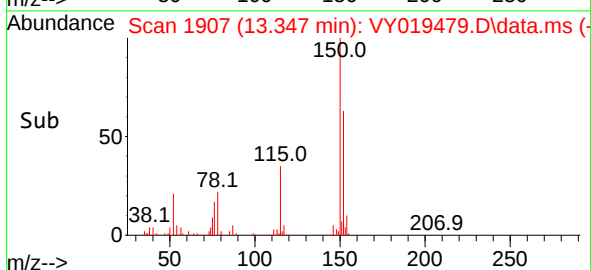
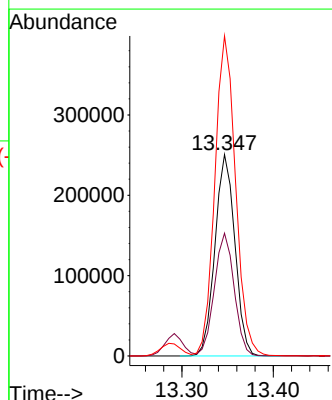
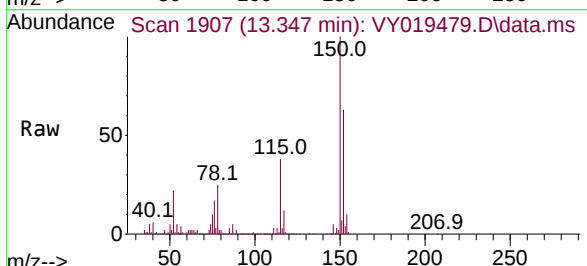
Tgt Ion:152 Resp: 379604

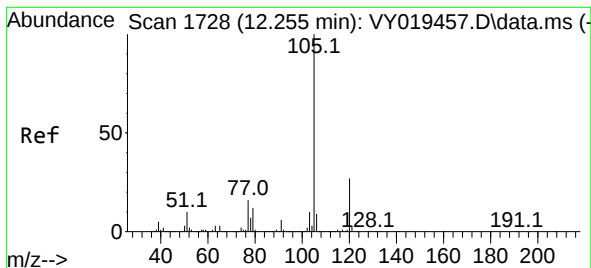
Ion Ratio Lower Upper

152 100

115 60.4 28.2 84.7

150 165.6 0.0 345.6





#73

Isopropylbenzene

Concen: 20.200 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

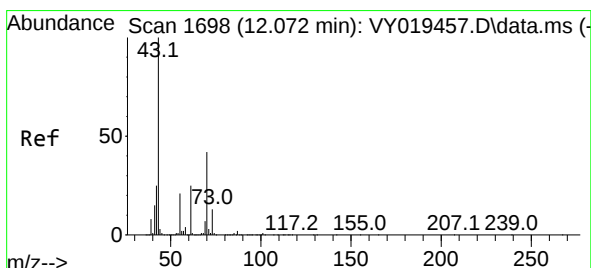
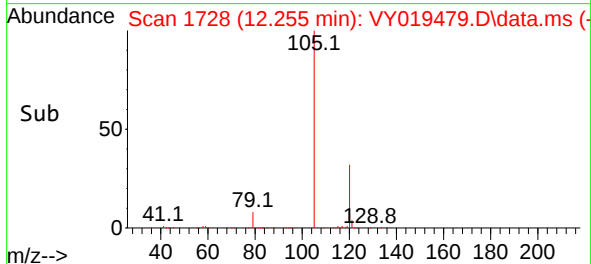
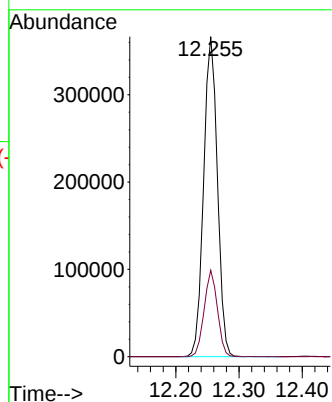
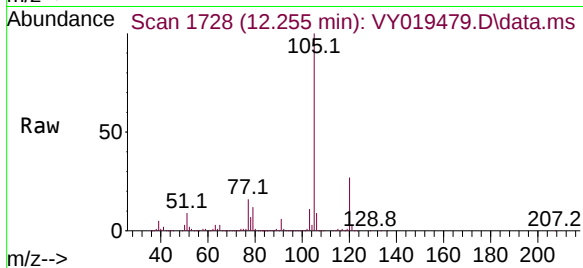
ClientSampleId :

Tgt Ion:105 Resp: 556295

Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.1



#74

N-ethyl acetate

Concen: 21.128 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Tgt Ion: 43 Resp: 158242

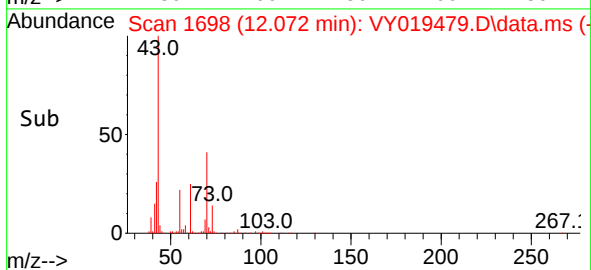
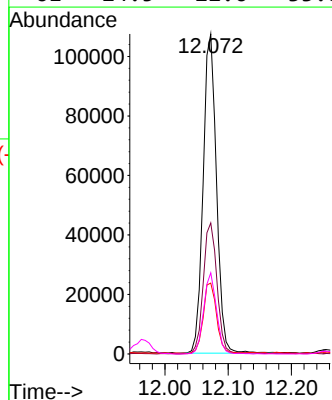
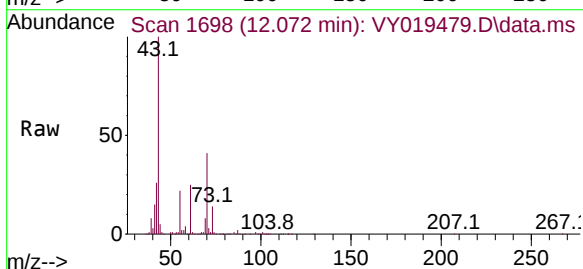
Ion Ratio Lower Upper

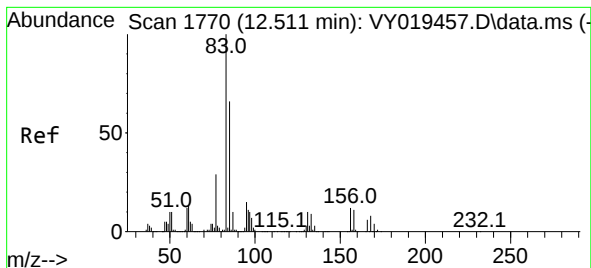
43 100

70 42.2 41.4 62.2

55 22.2 23.3 34.9#

61 24.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.096 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

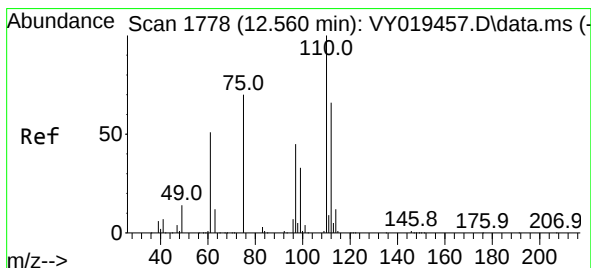
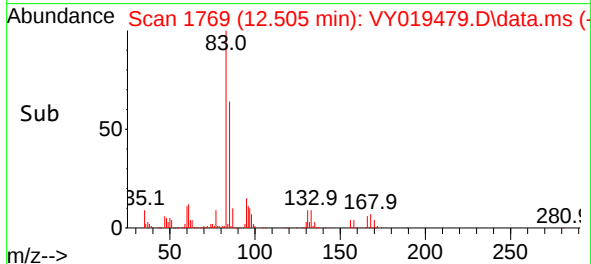
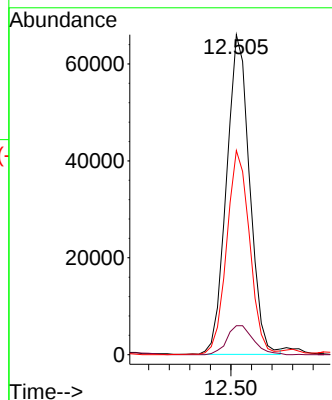
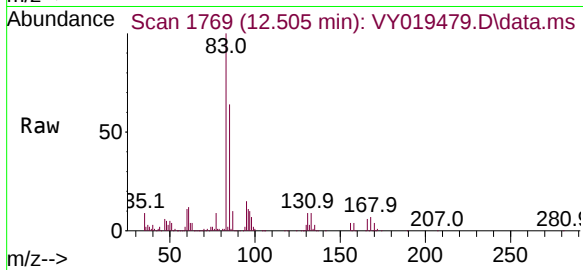
Tgt Ion: 83 Resp: 103119

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

85 63.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 37.466 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019479.D

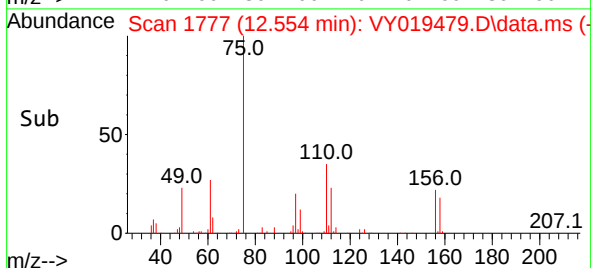
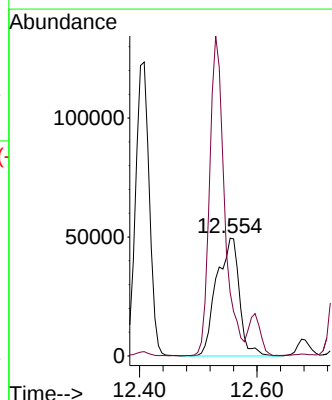
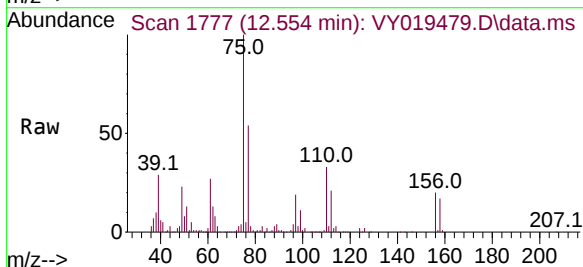
Acq: 10 Sep 2024 10:37

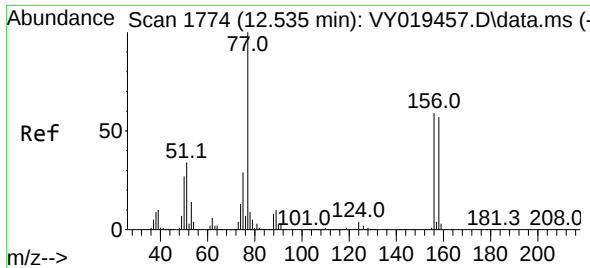
Tgt Ion: 75 Resp: 133304

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

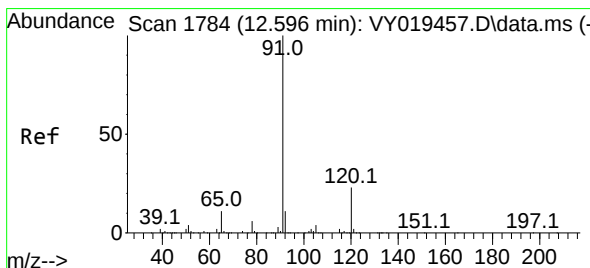
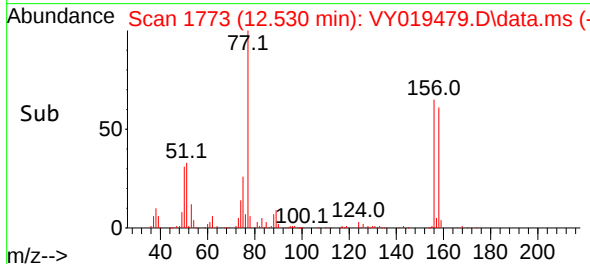
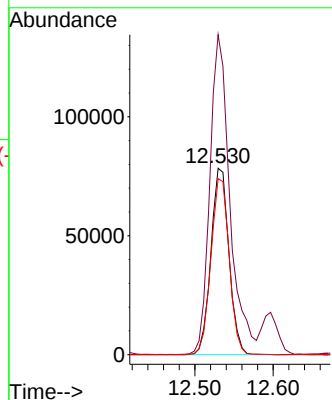
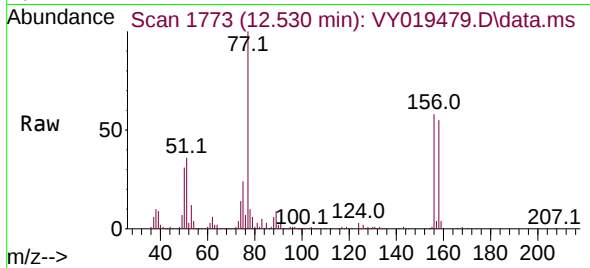




#77
Bromobenzene
Concen: 20.524 ug/l
RT: 12.530 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

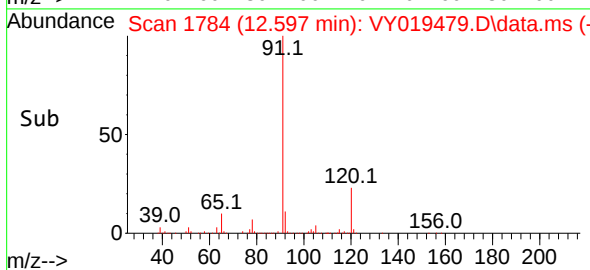
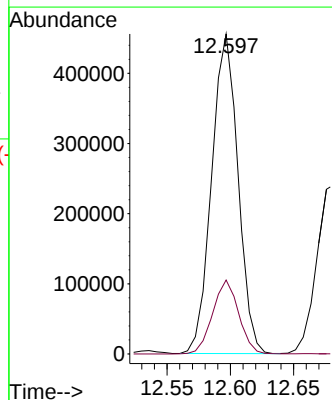
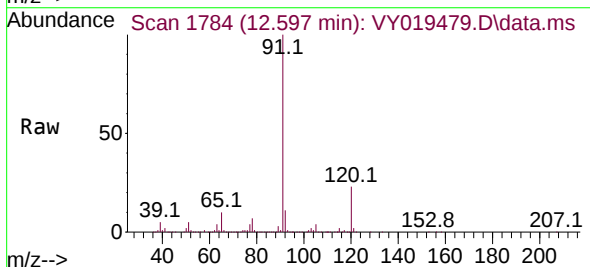
Instrument :
MSVOA_Y
ClientSampleId :

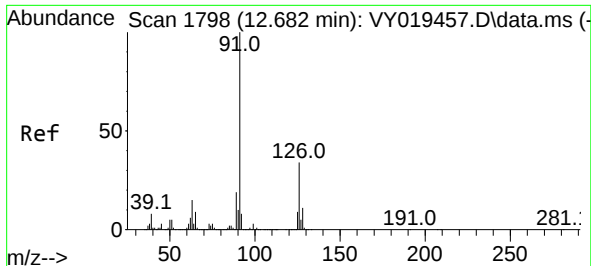
Tgt Ion:156 Resp: 125355
Ion Ratio Lower Upper
156 100
77 190.5 87.1 261.3
158 95.4 48.6 145.9



#78
n-propylbenzene
Concen: 20.208 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 91 Resp: 659629
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.137 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

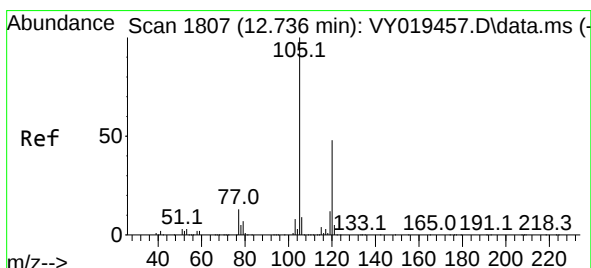
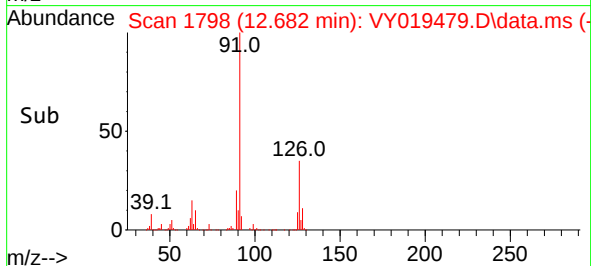
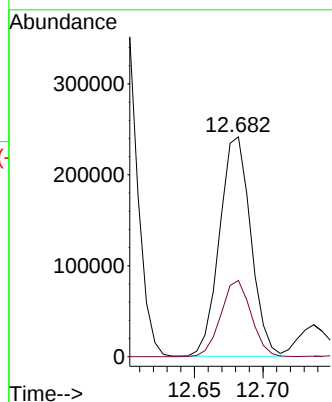
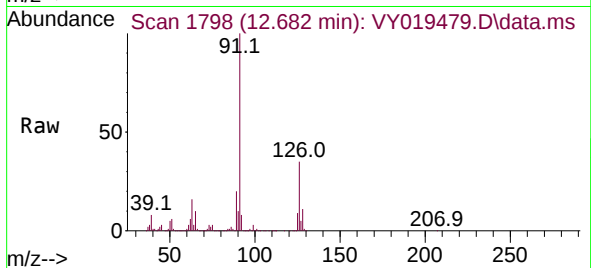
ClientSampleId :

Tgt Ion: 91 Resp: 383057

Ion Ratio Lower Upper

91 100

126 33.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.142 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019479.D

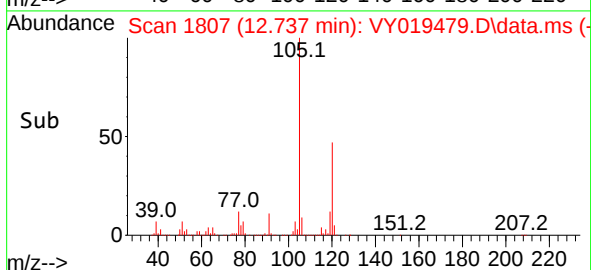
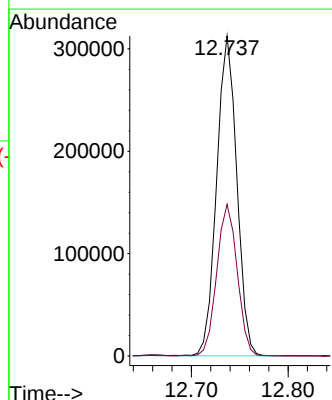
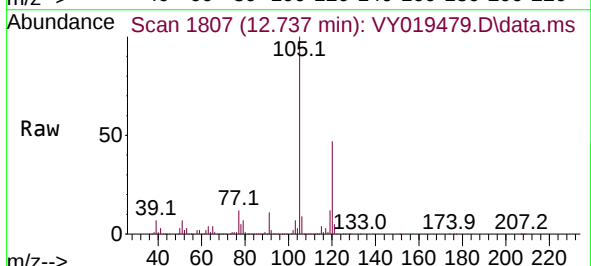
Acq: 10 Sep 2024 10:37

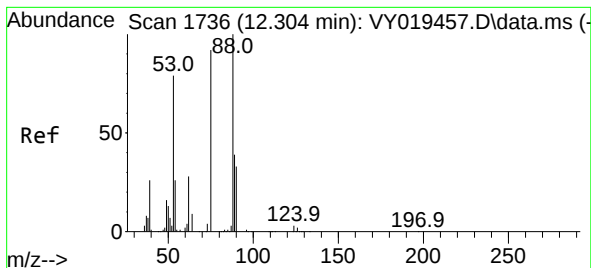
Tgt Ion: 105 Resp: 450936

Ion Ratio Lower Upper

105 100

120 48.2 25.1 75.2

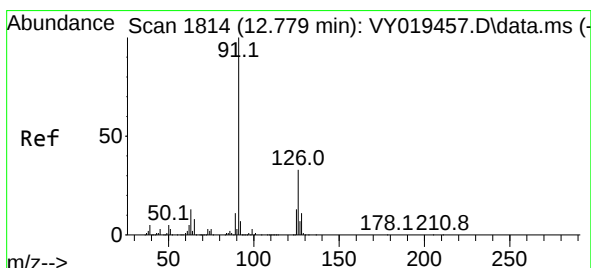
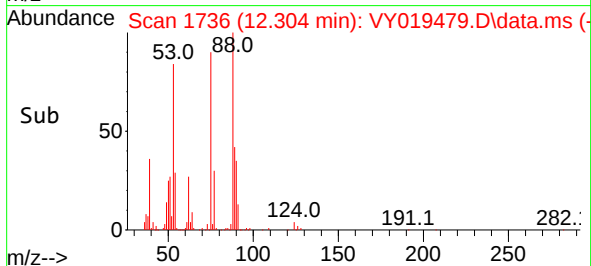
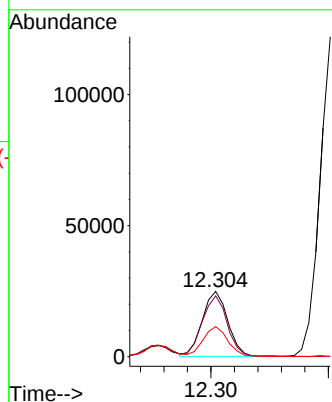
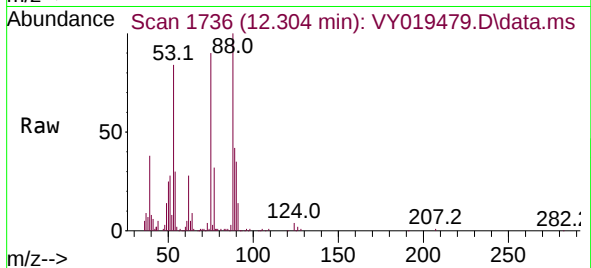




#81
trans-1,4-Dichloro-2-butene
Concen: 20.120 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

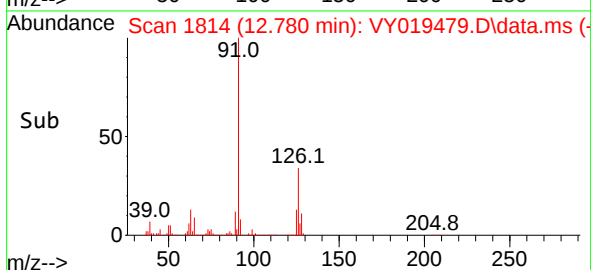
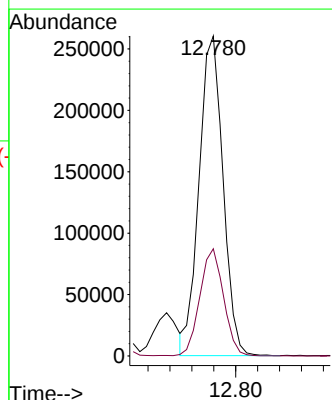
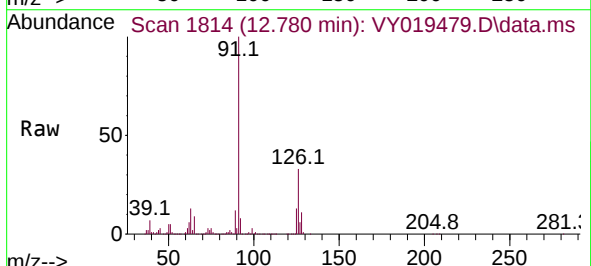
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37291
Ion Ratio Lower Upper
75 100
53 92.4 66.8 100.2
89 45.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.188 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019479.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 91 Resp: 394817
Ion Ratio Lower Upper
91 100
126 33.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.599 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

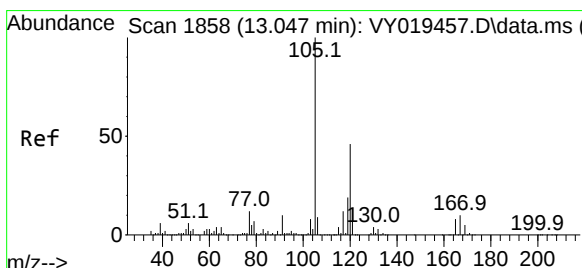
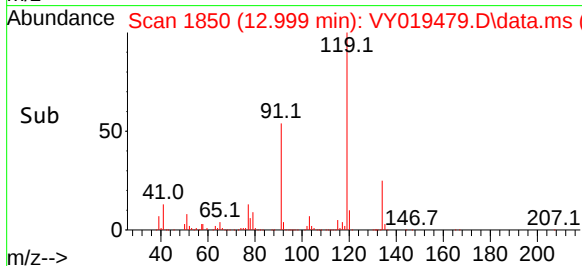
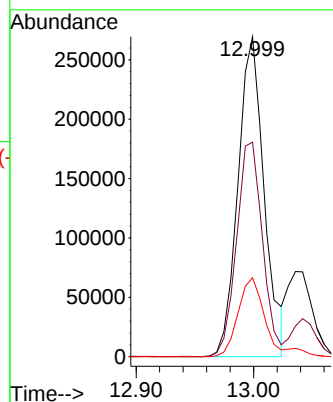
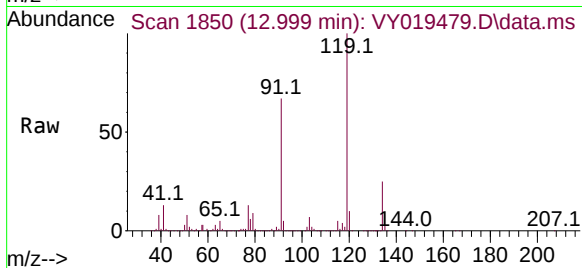
Tgt Ion:119 Resp: 417490

Ion Ratio Lower Upper

119 100

91 66.5 31.3 93.8

134 26.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.439 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019479.D

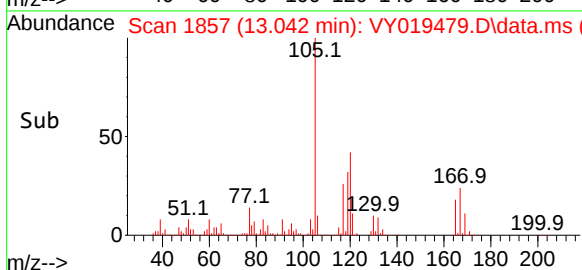
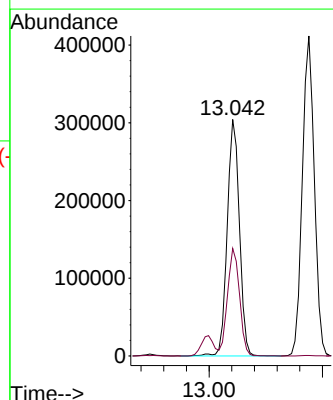
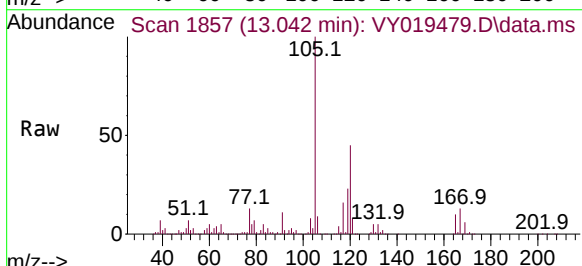
Acq: 10 Sep 2024 10:37

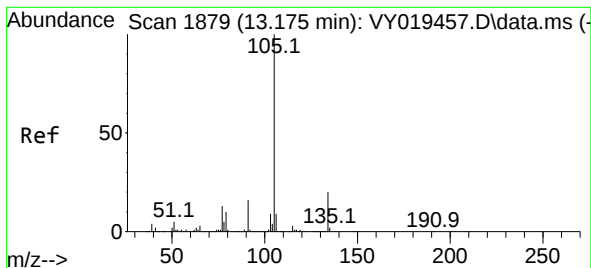
Tgt Ion:105 Resp: 452962

Ion Ratio Lower Upper

105 100

120 44.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.471 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

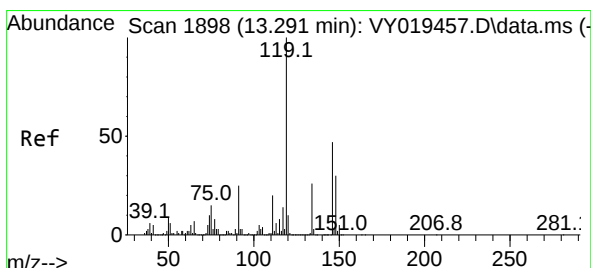
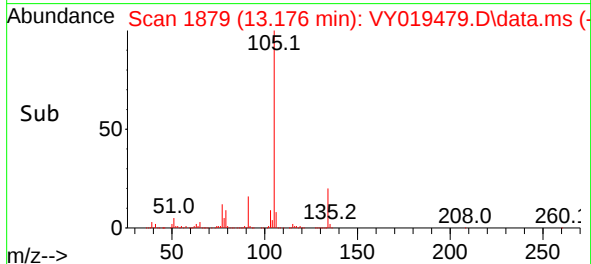
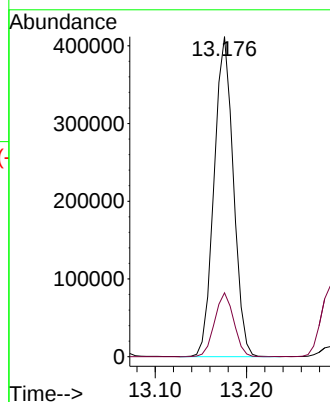
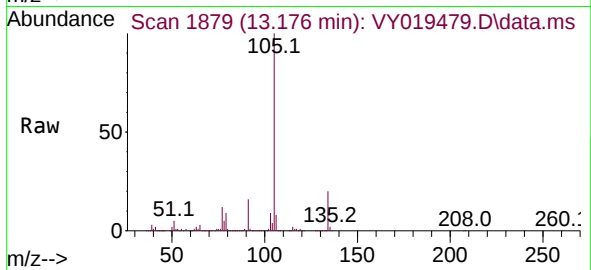
ClientSampleId :

Tgt Ion:105 Resp: 602753

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.608 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

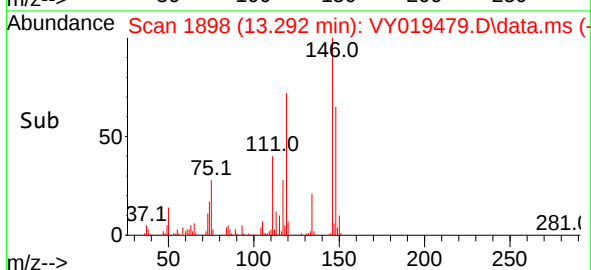
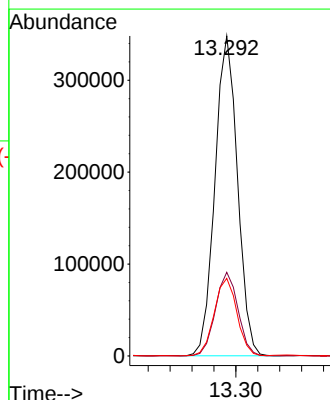
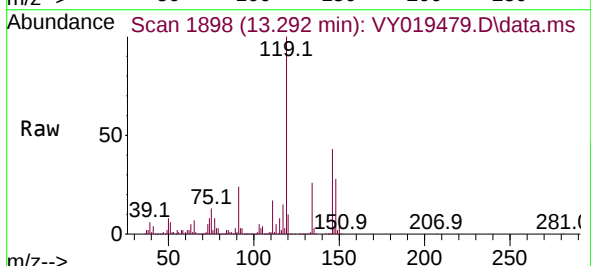
Tgt Ion:119 Resp: 496439

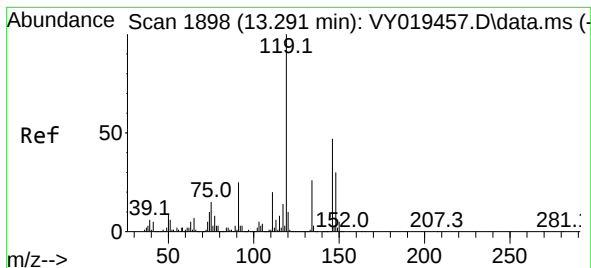
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 24.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.938 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

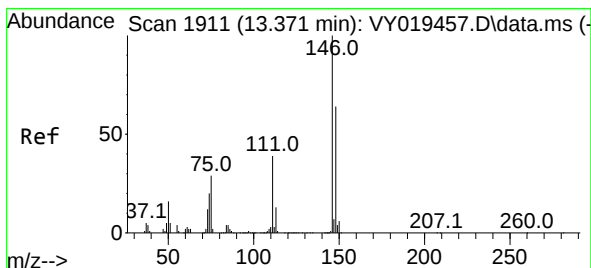
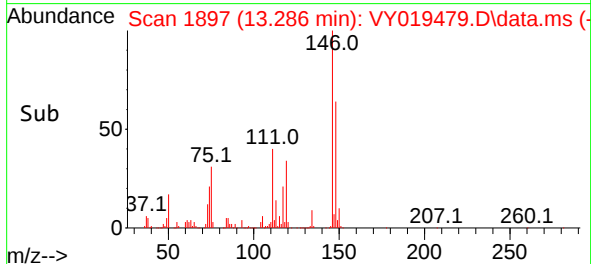
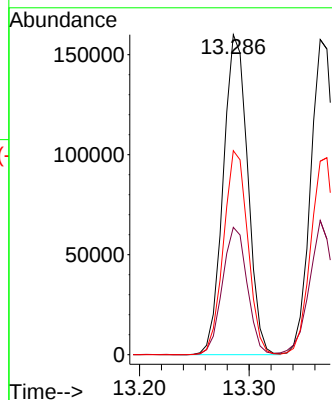
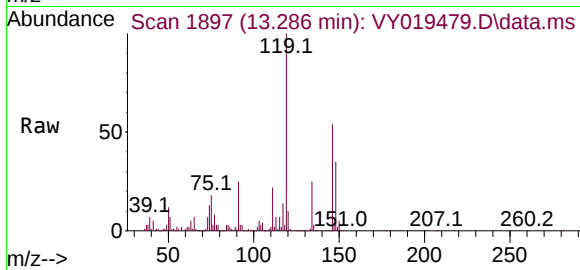
Tgt Ion:146 Resp: 248498

Ion Ratio Lower Upper

146 100

111 40.3 19.0 57.0

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.807 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

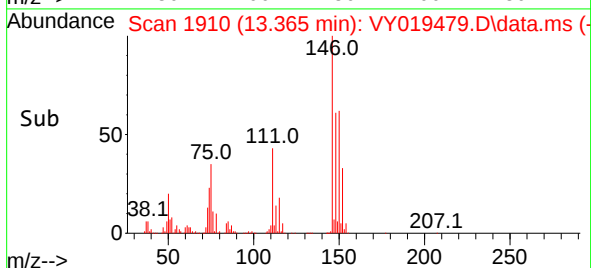
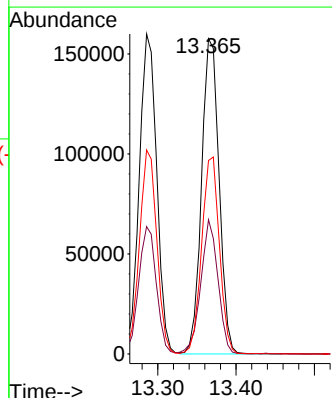
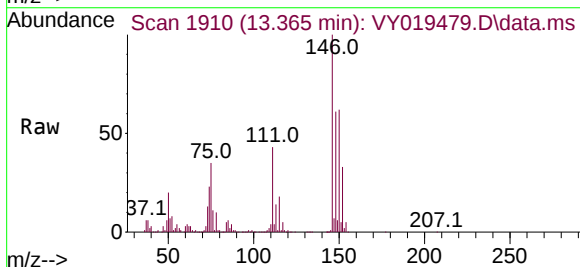
Tgt Ion:146 Resp: 245074

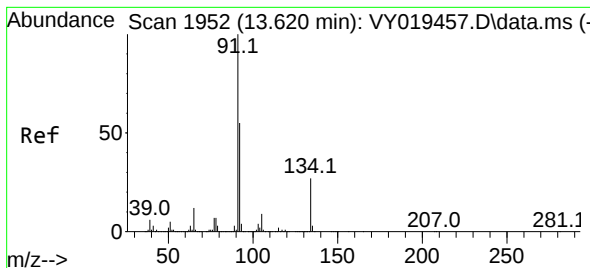
Ion Ratio Lower Upper

146 100

111 41.7 18.4 55.4

148 63.1 32.4 97.2





#89

n-Butylbenzene

Concen: 20.726 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

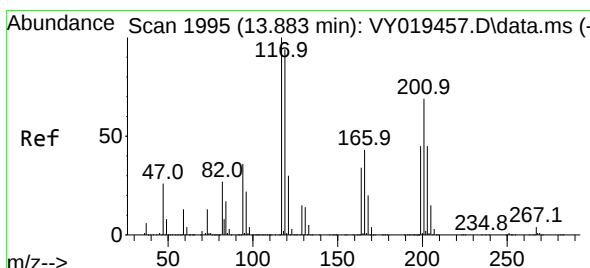
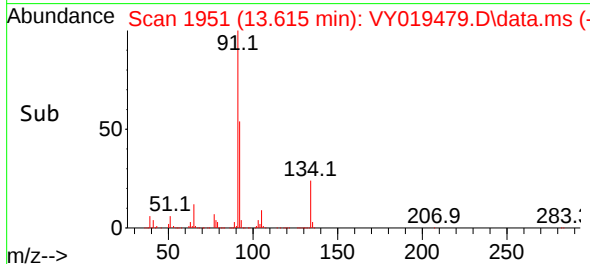
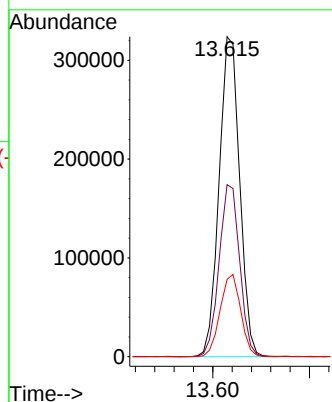
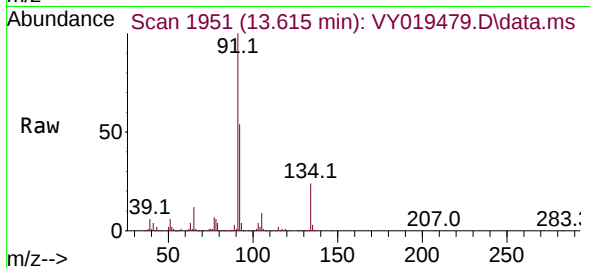
Tgt Ion: 91 Resp: 477307

Ion Ratio Lower Upper

91 100

92 53.9 26.6 79.7

134 25.8 12.9 38.7



#90

Hexachloroethane

Concen: 20.292 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019479.D

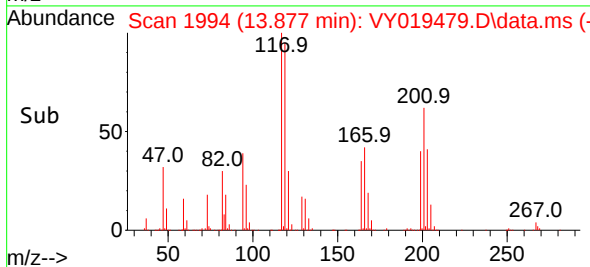
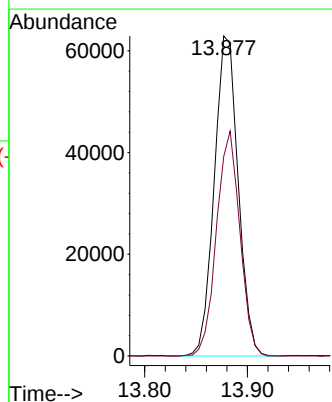
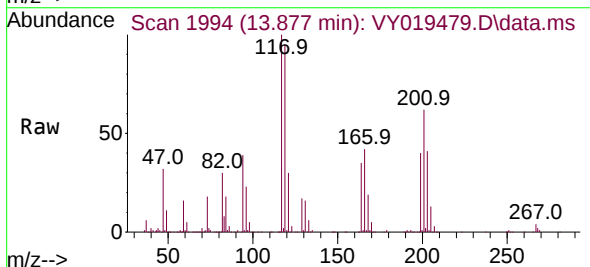
Acq: 10 Sep 2024 10:37

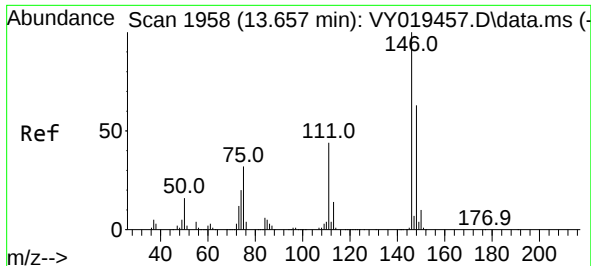
Tgt Ion: 117 Resp: 101710

Ion Ratio Lower Upper

117 100

201 68.6 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.766 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

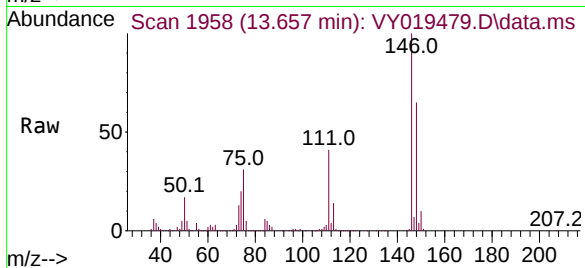
Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :



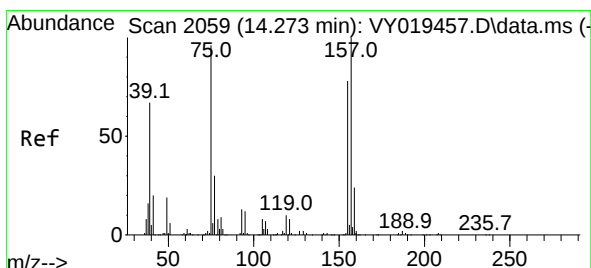
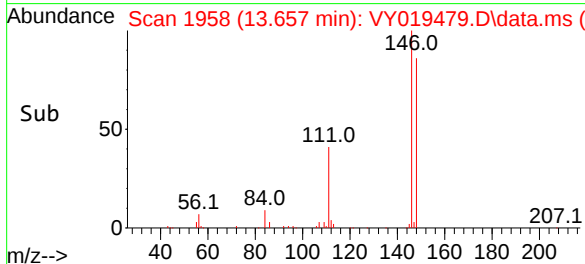
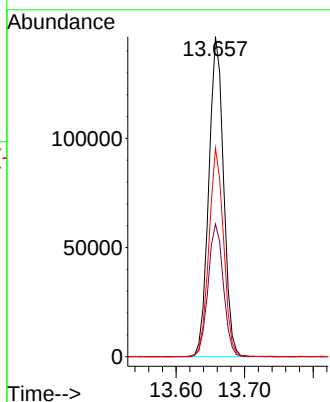
Tgt Ion:146 Resp: 219928

Ion	Ratio	Lower	Upper
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146	100		
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111	42.7	19.9	59.7
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148	64.2	31.8	95.4
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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.963 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

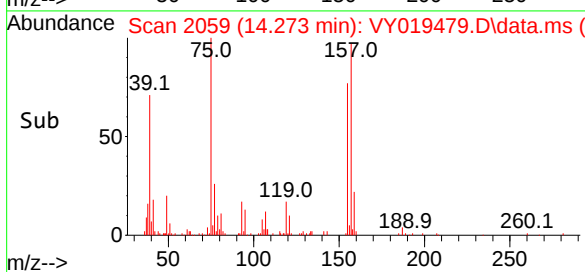
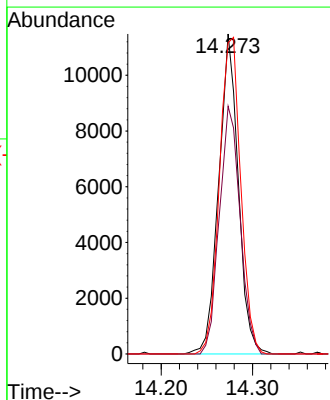
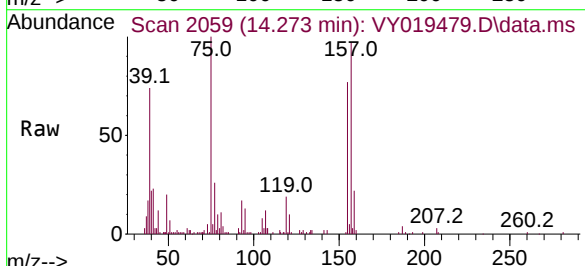
Tgt Ion: 75 Resp: 17078

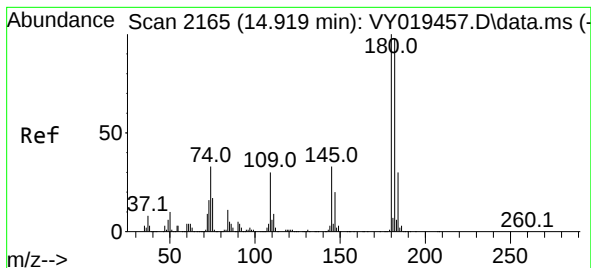
Ion	Ratio	Lower	Upper
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75	100		
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155	81.9	48.6	145.8
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157	107.7	62.7	188.2
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#93

1,2,4-Trichlorobenzene

Concen: 20.775 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

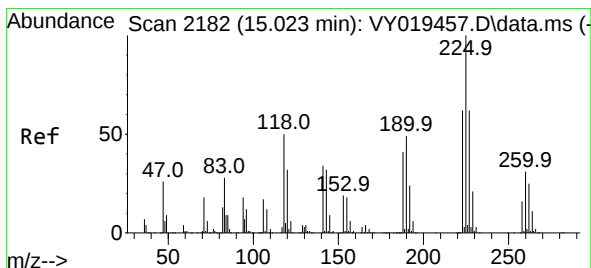
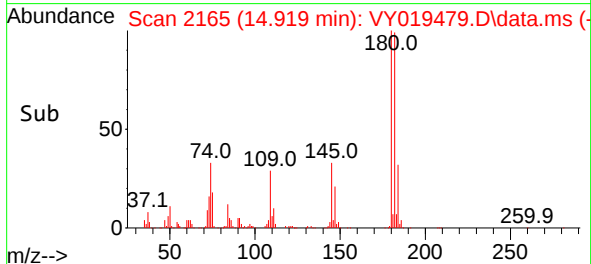
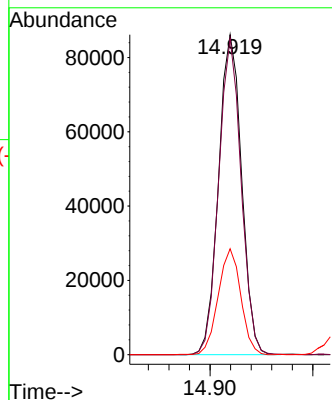
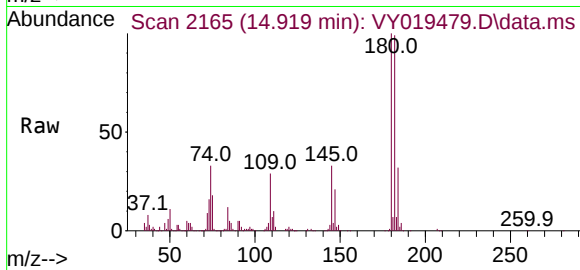
Tgt Ion:180 Resp: 133819

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.8

145 32.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.831 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

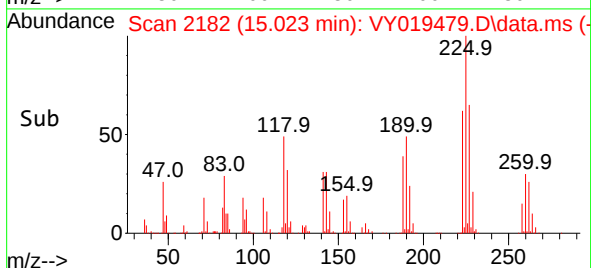
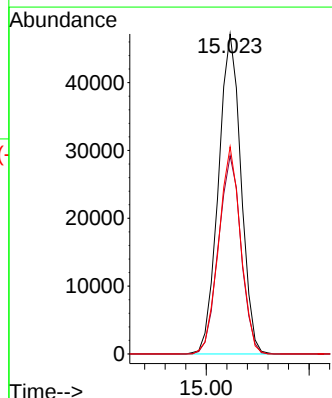
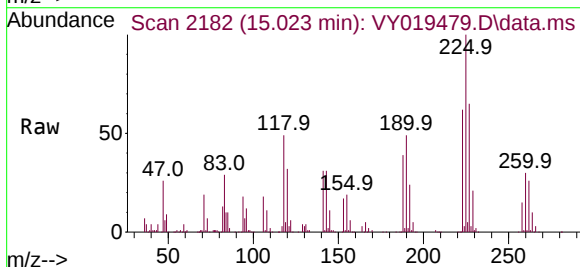
Tgt Ion:225 Resp: 71682

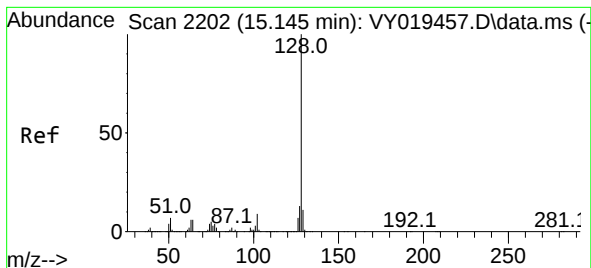
Ion Ratio Lower Upper

225 100

223 61.7 30.4 91.2

227 63.0 31.9 95.9





#95

Naphthalene

Concen: 21.059 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

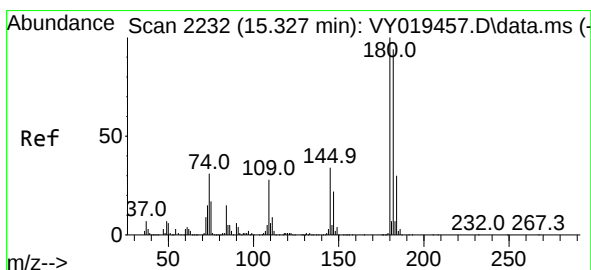
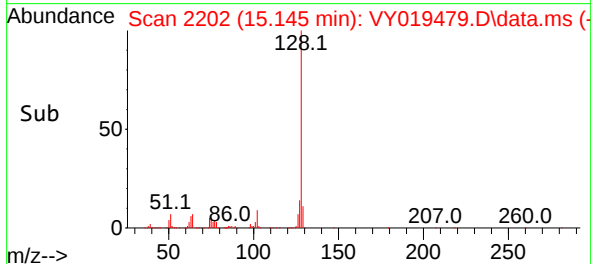
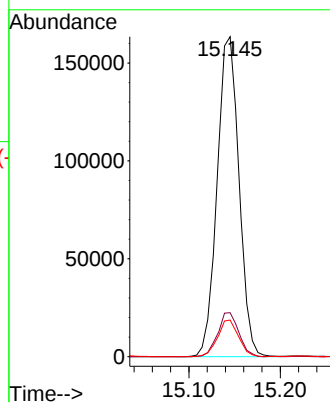
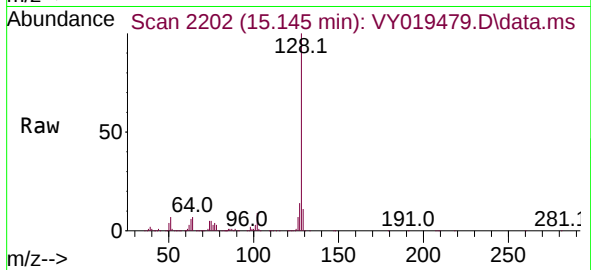
Tgt Ion:128 Resp: 271643

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.158 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019479.D

Acq: 10 Sep 2024 10:37

Tgt Ion:180 Resp: 116574

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.9

145 33.5 15.4 46.1

