

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019687.D
 Acq On : 24 Sep 2024 17:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 25 01:27:54 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	167652	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	477879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	454361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	179230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	186981	120.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 240.880%#	
35) Dibromofluoromethane	7.628	113	176104	64.995	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.000%	
50) Toluene-d8	10.103	98	546381	54.519	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.040%	
62) 4-Bromofluorobenzene	12.408	95	198009	51.385	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 102.760%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	44305	48.203	ug/l	100
3) Chloromethane	2.068	50	21041	15.169	ug/l #	85
4) Vinyl Chloride	2.208	62	83454	55.640	ug/l	99
5) Bromomethane	2.598	94	2608	2.831	ug/l	84
6) Chloroethane	2.739	64	83645	85.308	ug/l	99
7) Trichlorofluoromethane	3.062	101	158310	63.318	ug/l	92
8) Diethyl Ether	3.452	74	99395	118.432	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.818	101	96547	62.423	ug/l	98
10) Methyl Iodide	4.001	142	2334	1.177	ug/l	94
11) Tert butyl alcohol	4.854	59	76381	609.243	ug/l #	79
12) 1,1-Dichloroethene	3.787	96	93764	63.037	ug/l	89
13) Acrolein	3.690	56	39	Below Cal	#	1
14) Allyl chloride	4.379	41	92888	34.823	ug/l #	90
15) Acrylonitrile	5.110	53	5324	14.712	ug/l #	25
16) Acetone	3.866	43	199726	540.031	ug/l #	86
17) Carbon Disulfide	4.104	76	176007	43.796	ug/l	100
18) Methyl Acetate	4.379	43	490260	488.468	ug/l	91
19) Methyl tert-butyl Ether	5.110	73	510718	121.231	ug/l	98
20) Methylene Chloride	4.610	84	185261	109.839	ug/l	91
21) trans-1,2-Dichloroethene	5.110	96	99681	61.140	ug/l	86
22) Diisopropyl ether	6.012	45	596004	108.807	ug/l	95
23) Vinyl Acetate	6.012	43	300018	95.891	ug/l #	68
24) 1,1-Dichloroethane	5.909	63	300041	97.615	ug/l	96
25) 2-Butanone	6.890	43	21616	41.094	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	189365	95.618	ug/l	98
28) Bromochloromethane	7.244	49	151174	116.893	ug/l	87
29) Tetrahydrofuran	7.256	42	189815	593.504	ug/l	89
30) Chloroform	7.415	83	336343	107.192	ug/l	100
31) Cyclohexane	7.701	56	145793	52.475	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	235673	83.796	ug/l	97
36) 1,1-Dichloropropene	7.835	75	141592	38.405	ug/l	96
37) Ethyl Acetate	6.890	43	21616	11.443	ug/l #	1
38) Carbon Tetrachloride	7.817	117	185760	44.680	ug/l	99
39) Methylcyclohexane	9.109	83	169987	34.646	ug/l	91
40) Benzene	8.079	78	611621	53.861	ug/l	100
41) Methacrylonitrile	7.256	41	107716	97.820	ug/l #	35

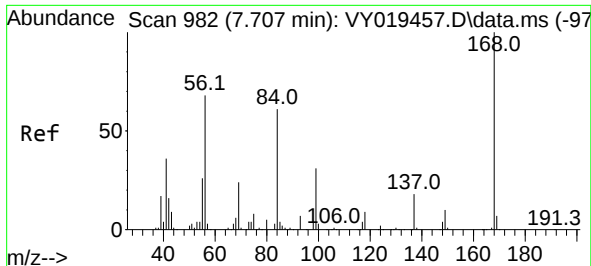
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.152	62	219861	71.952	ug/l	96
43) Isopropyl Acetate	8.055	43	10670	2.689	ug/l #	40
44) Trichloroethene	8.866	130	137487	47.077	ug/l	95
45) 1,2-Dichloropropane	9.140	63	179130	64.524	ug/l	99
46) Dibromomethane	9.231	93	112106	73.844	ug/l	96
47) Bromodichloromethane	9.420	83	280564	68.750	ug/l	97
48) Methyl methacrylate	9.219	41	126129	67.299	ug/l	85
49) 1,4-Dioxane	9.231	88	27943	1563.511	ug/l #	92
51) 4-Methyl-2-Pentanone	10.000	43	308342	154.431	ug/l	92
52) Toluene	10.170	92	401055	54.914	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	45810	11.776	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	44103	9.736	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	151316	72.175	ug/l	99
57) 1,3-Dichloropropane	10.719	76	254931	70.741	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	483680	327.225	ug/l	99
59) 2-Hexanone	10.762	43	18284	12.491	ug/l	87
60) Dibromochloromethane	10.908	129	197776	71.314	ug/l	98
61) 1,2-Dibromoethane	11.012	107	133247	68.213	ug/l	99
64) Tetrachloroethene	10.646	164	163177	57.995	ug/l	95
65) Chlorobenzene	11.438	112	447122	50.027	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	187470	60.582	ug/l	98
67) Ethyl Benzene	11.518	91	730412	45.994	ug/l	100
68) m/p-Xylenes	11.627	106	531518	88.516	ug/l	94
69) o-Xylene	11.950	106	308968	52.613	ug/l	95
70) Styrene	11.956	104	20412	2.059	ug/l #	1
71) Bromoform	12.133	173	113022	63.946	ug/l #	95
73) Isopropylbenzene	12.255	105	670605	51.575	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	170843	74.025	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	166358	99.028	ug/l #	100
77) Bromobenzene	12.530	156	184759	64.068	ug/l	94
78) n-propylbenzene	12.597	91	703200	45.628	ug/l	99
79) 2-Chlorotoluene	12.682	91	502244	55.920	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	563197	53.280	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.255	75	8469	9.678	ug/l #	55
82) 4-Chlorotoluene	12.780	91	432280	46.816	ug/l	96
83) tert-Butylbenzene	12.999	119	500796	52.333	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	572766	54.740	ug/l	96
85) sec-Butylbenzene	13.176	105	632365	45.488	ug/l	100
86) p-Isopropyltoluene	13.292	119	231243	20.331	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	280228	50.009	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	262723	47.243	ug/l	97
89) n-Butylbenzene	13.615	91	337816	31.068	ug/l	99
90) Hexachloroethane	13.877	117	136595	57.718	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	318186	63.632	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	29438	76.534	ug/l	83
93) 1,2,4-Trichlorobenzene	14.919	180	126014	41.434	ug/l	98
94) Hexachlorobutadiene	15.023	225	52936	32.582	ug/l	98
95) Naphthalene	15.145	128	1470716	241.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	145591	55.966	ug/l	97

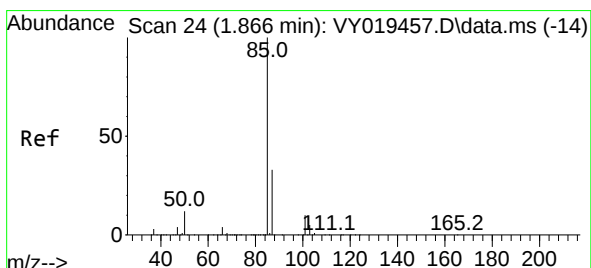
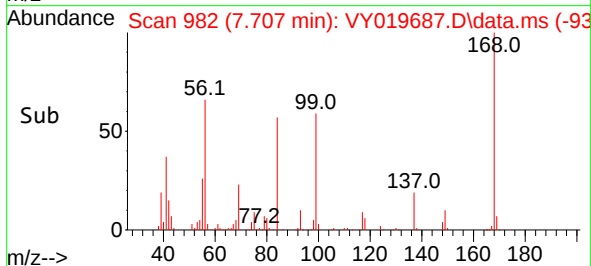
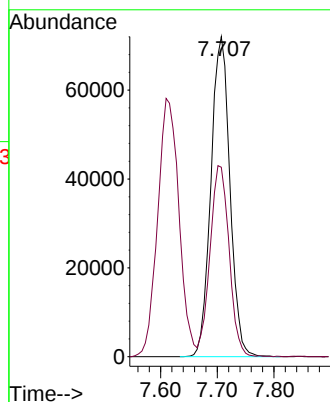
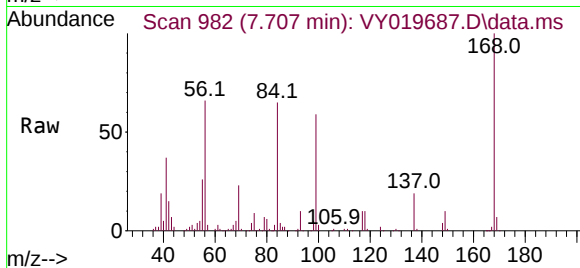
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

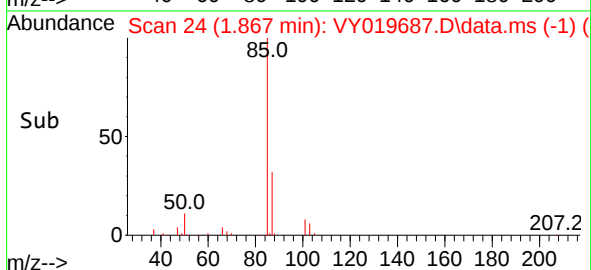
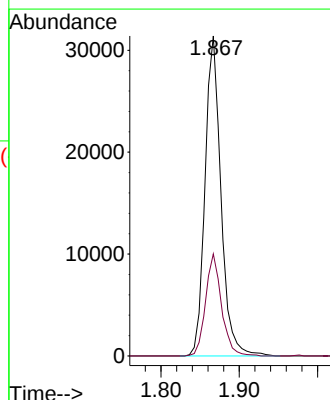
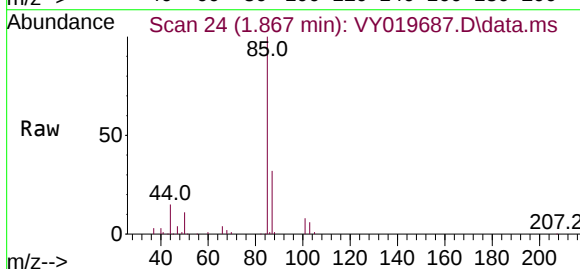
Instrument :
MSVOA_Y
ClientSampleId :

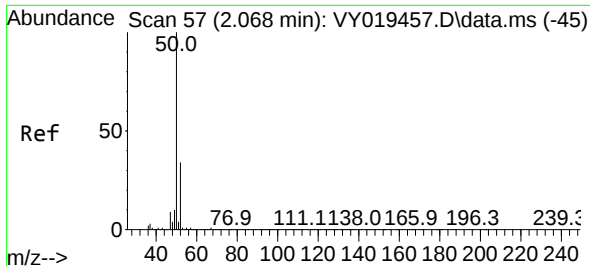
Tgt Ion:168 Resp: 167652
Ion Ratio Lower Upper
168 100
99 59.1 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 48.203 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion: 85 Resp: 44305
Ion Ratio Lower Upper
85 100
87 31.9 16.0 48.0

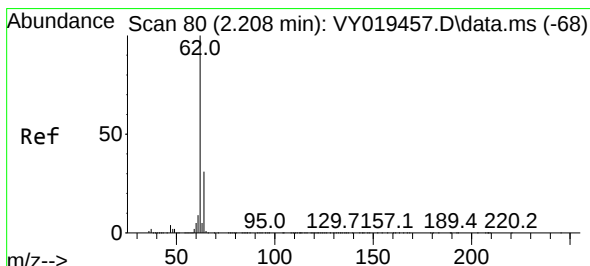
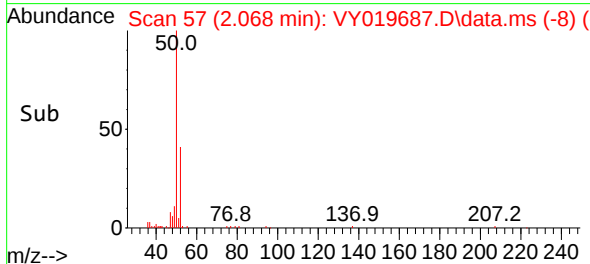
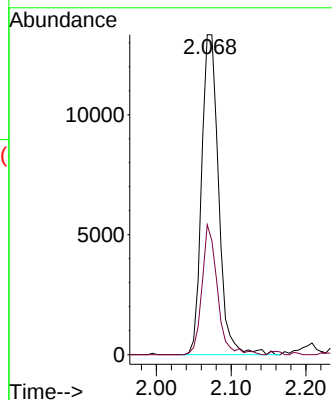
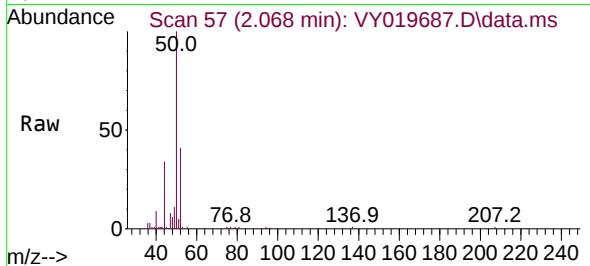




#3
Chloromethane
Concen: 15.169 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

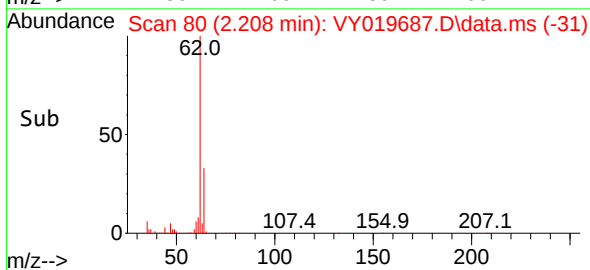
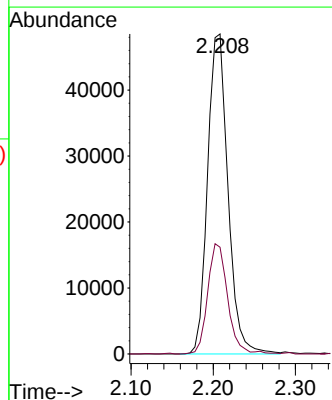
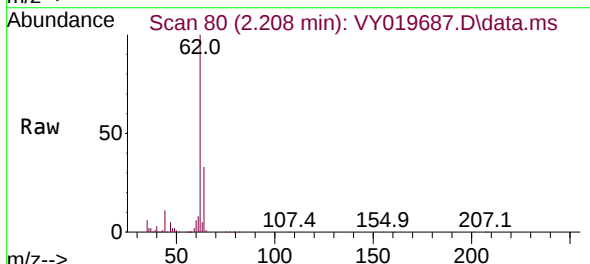
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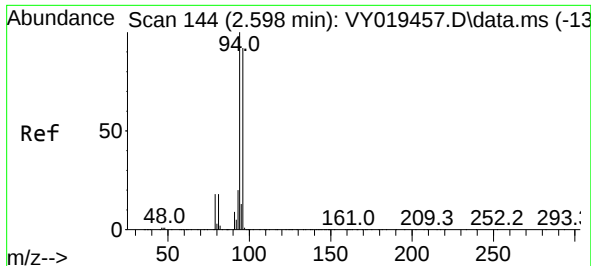
Tgt Ion: 50 Resp: 21041
Ion Ratio Lower Upper
50 100
52 40.6 25.6 38.4#



#4
Vinyl Chloride
Concen: 55.640 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion: 62 Resp: 83454
Ion Ratio Lower Upper
62 100
64 33.3 26.1 39.1

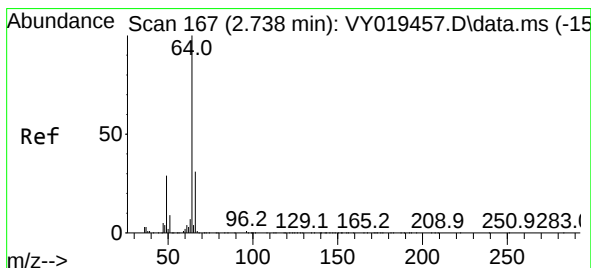
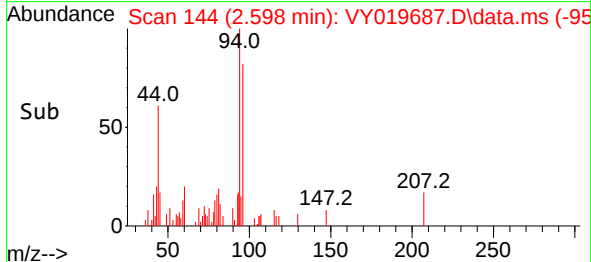
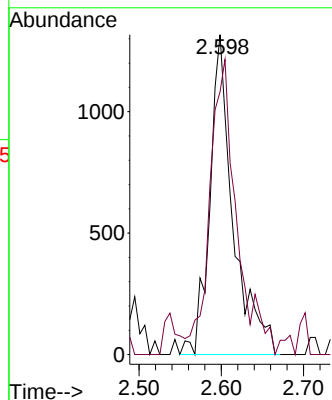
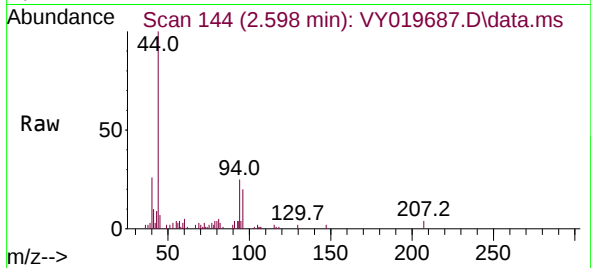




#5
Bromomethane
Concen: 2.831 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

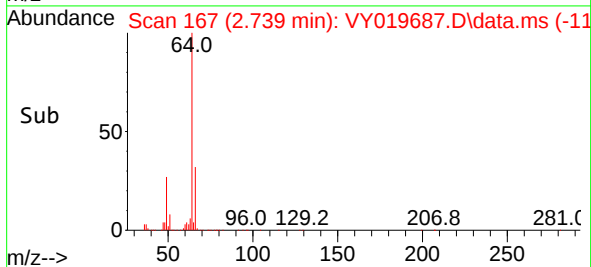
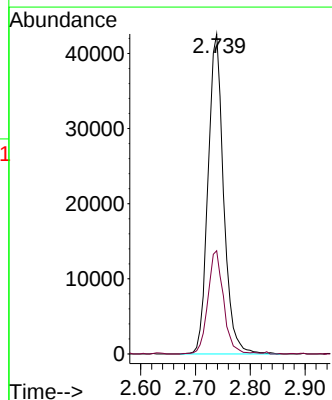
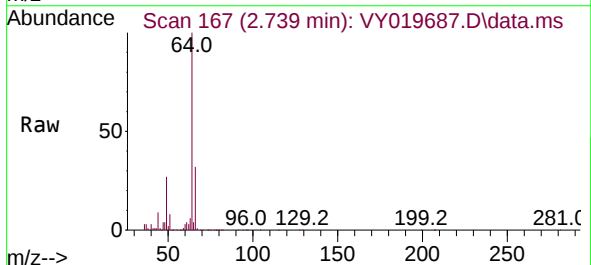
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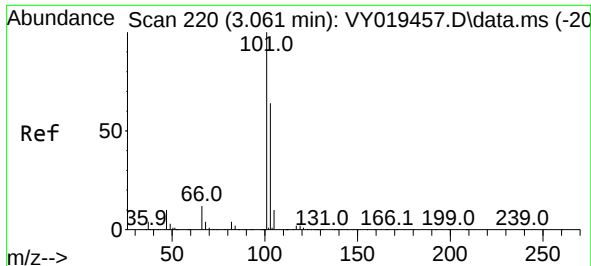
Tgt Ion: 94 Resp: 2608
Ion Ratio Lower Upper
94 100
96 77.7 74.1 111.1



#6
Chloroethane
Concen: 85.308 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion: 64 Resp: 83645
Ion Ratio Lower Upper
64 100
66 32.2 26.1 39.1

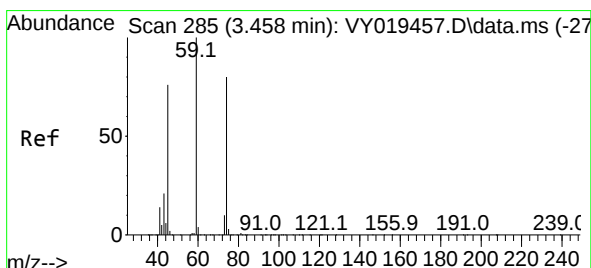
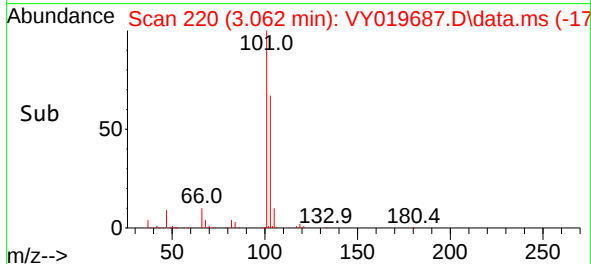
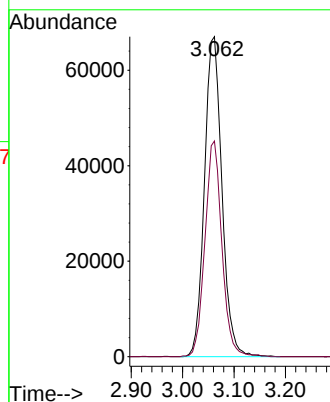
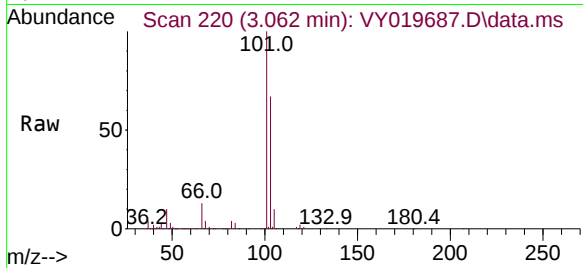




#7
 Trichlorofluoromethane
 Concen: 63.318 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019687.D
 Acq: 24 Sep 2024 17:04

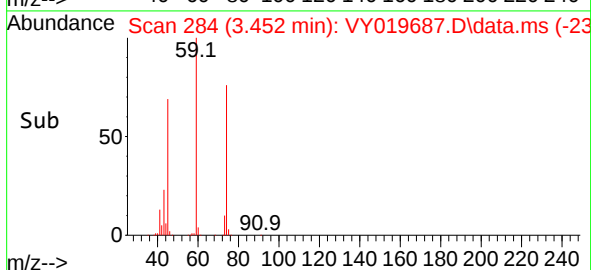
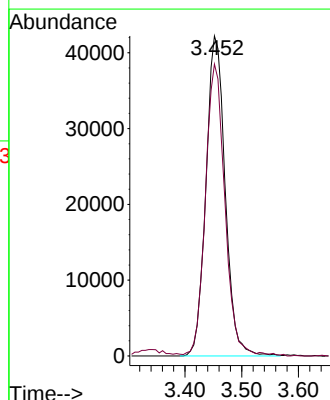
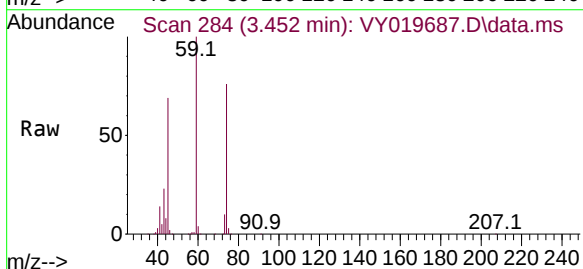
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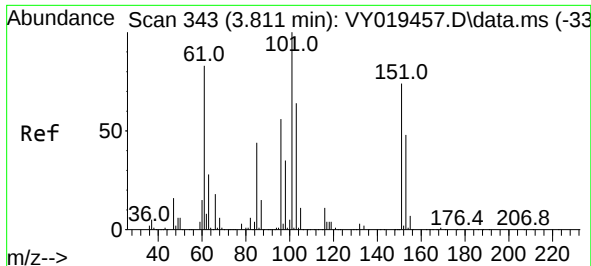
Tgt Ion:101 Resp: 158310
 Ion Ratio Lower Upper
 101 100
 103 67.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 118.432 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019687.D
 Acq: 24 Sep 2024 17:04

Tgt Ion: 74 Resp: 99395
 Ion Ratio Lower Upper
 74 100
 45 92.8 41.3 124.1

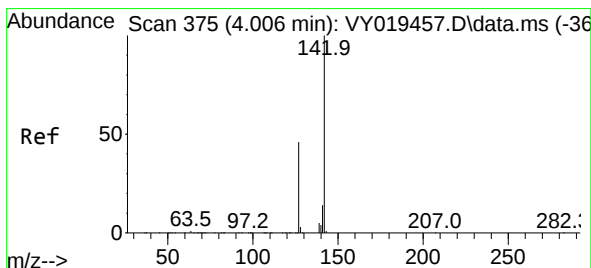
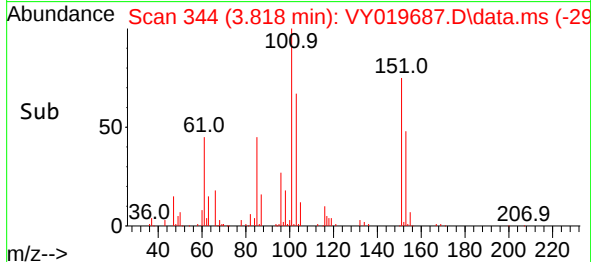
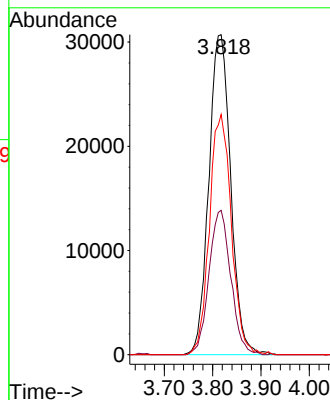
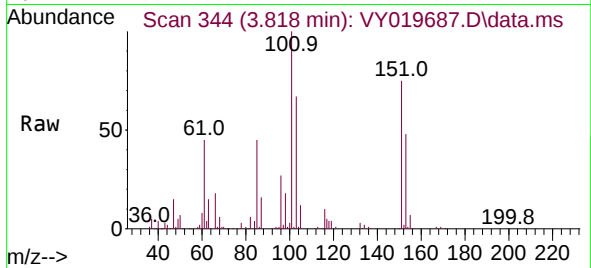




#9
1,1,2-Trichlorotrifluoroethane
Concen: 62.423 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

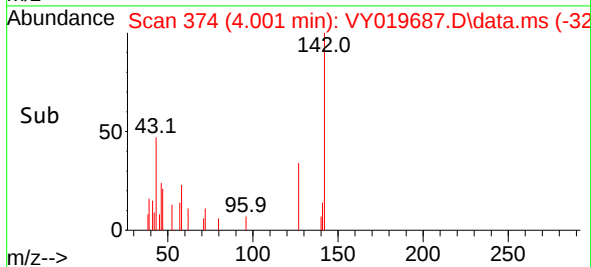
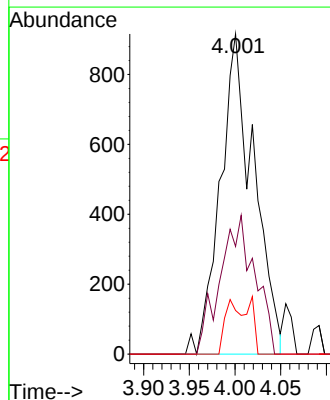
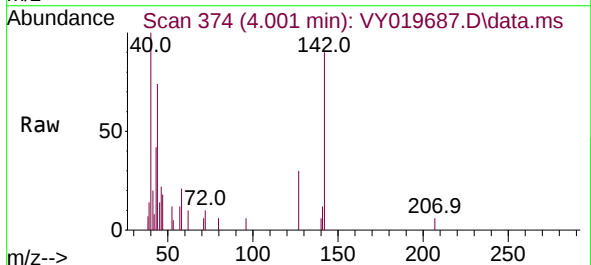
Instrument :
MSVOA_Y
ClientSampleId :

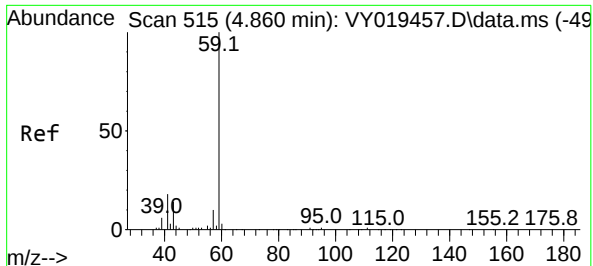
Tgt Ion:101 Resp: 96547
Ion Ratio Lower Upper
101 100
85 45.0 34.5 51.7
151 75.2 61.7 92.5



#10
Methyl Iodide
Concen: 1.177 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion:142 Resp: 2334
Ion Ratio Lower Upper
142 100
127 45.0 32.8 49.2
141 12.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 609.243 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

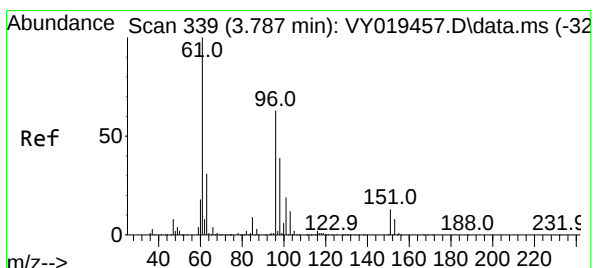
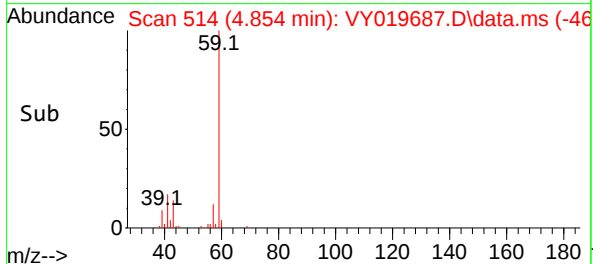
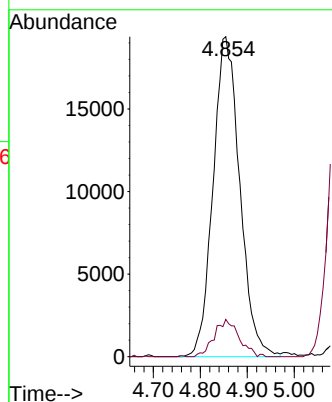
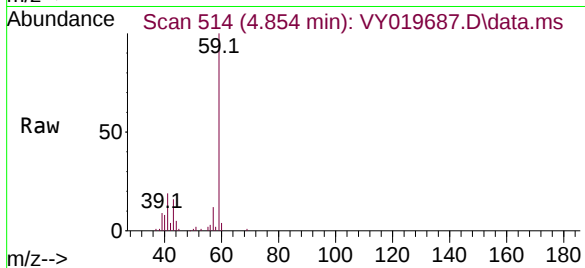
ClientSampleId :

Tgt Ion: 59 Resp: 76381

Ion Ratio Lower Upper

59 100

57 10.9 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 63.037 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

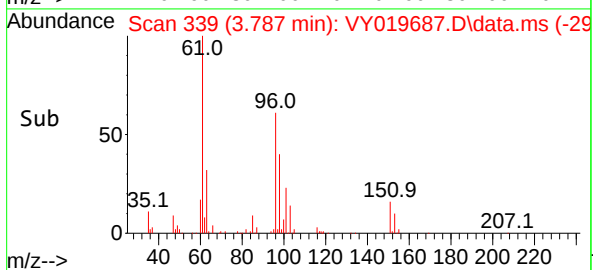
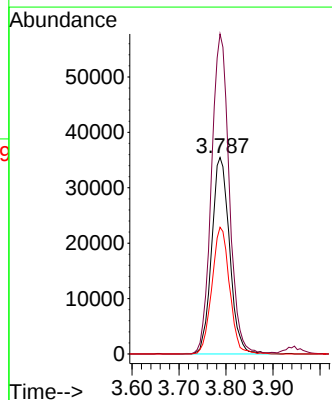
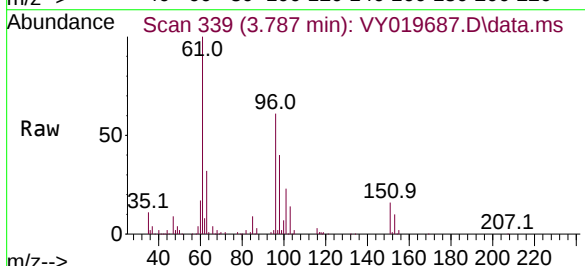
Tgt Ion: 96 Resp: 93764

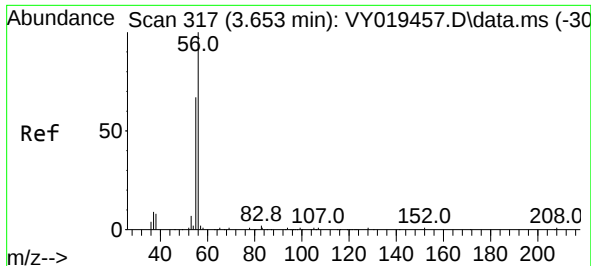
Ion Ratio Lower Upper

96 100

61 162.9 114.6 171.8

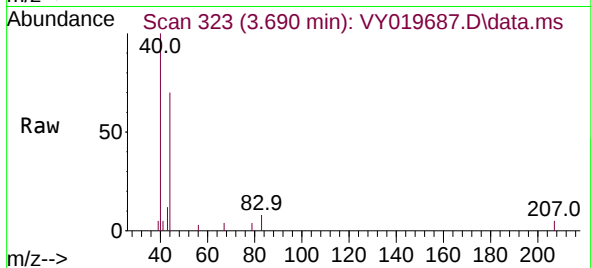
98 64.5 50.8 76.2



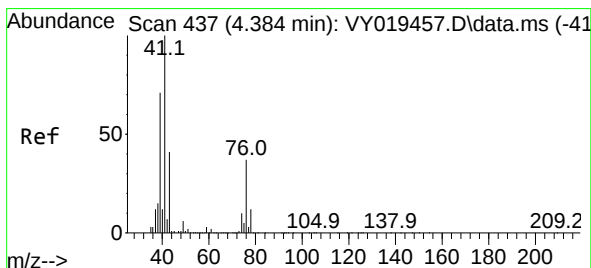
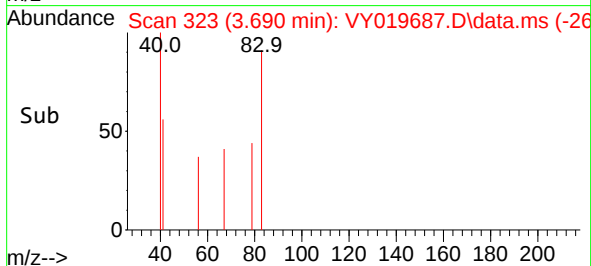
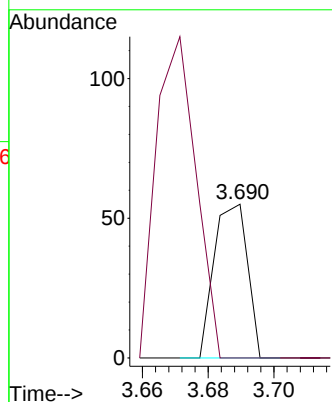


#13
Acrolein
Concen: Below Cal
RT: 3.690 min Scan# 317
Delta R.T. 0.037 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Instrument :
MSVOA_Y
ClientSampleId :

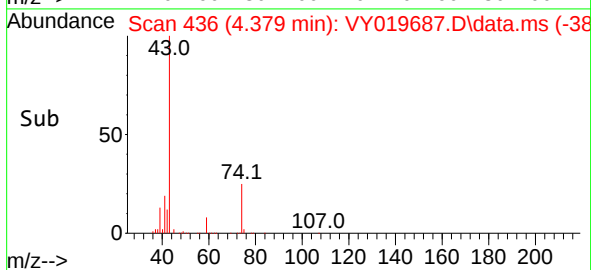
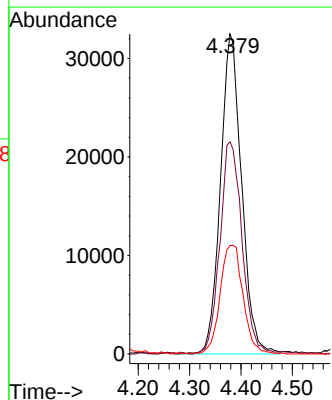
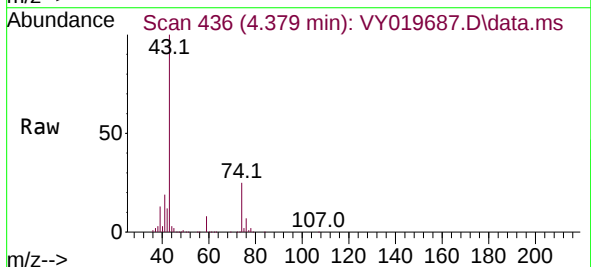


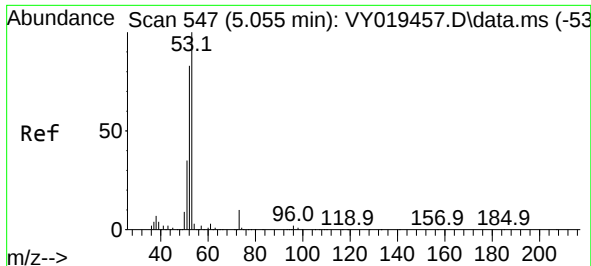
Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 248.7 55.7 83.5#



#14
Allyl chloride
Concen: 34.823 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion: 41 Resp: 92888
Ion Ratio Lower Upper
41 100
39 69.3 58.3 87.5
76 36.9 39.0 58.6#

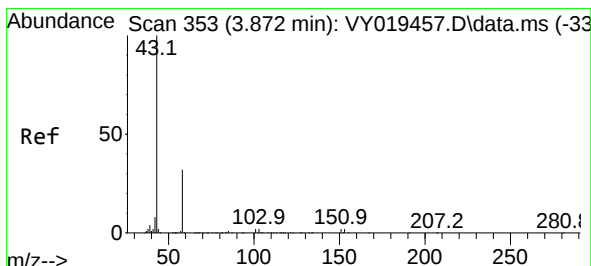
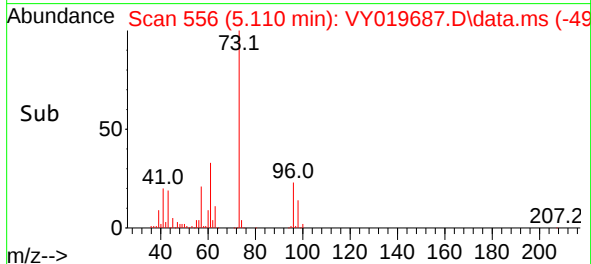
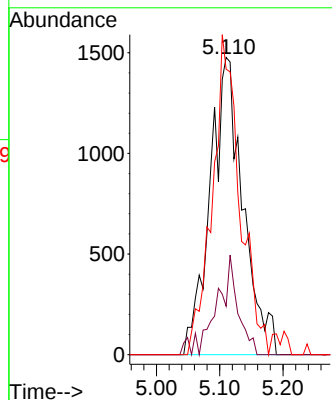
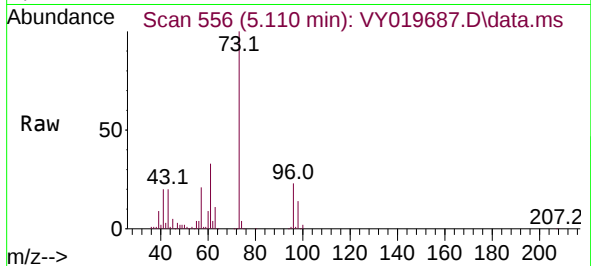




#15
Acrylonitrile
Concen: 14.712 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.055 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

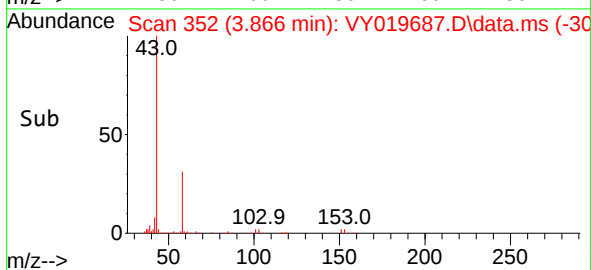
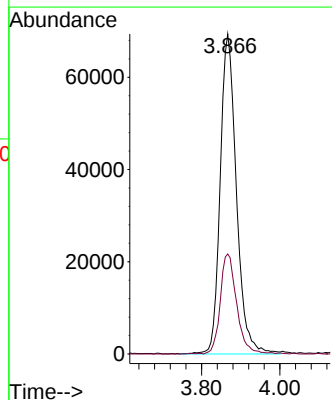
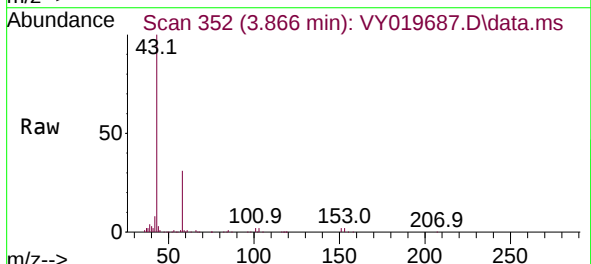
Instrument :
MSVOA_Y
ClientSampleId :

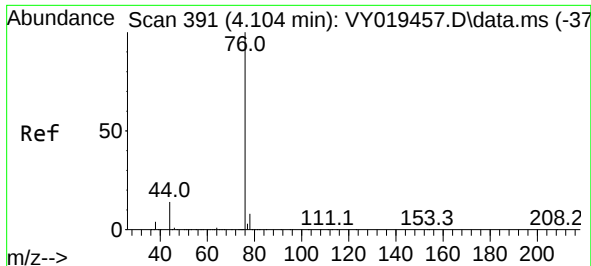
Tgt Ion: 53 Resp: 5324
Ion Ratio Lower Upper
53 100
52 21.0 64.7 97.1#
51 90.0 28.4 42.6#



#16
Acetone
Concen: 540.031 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

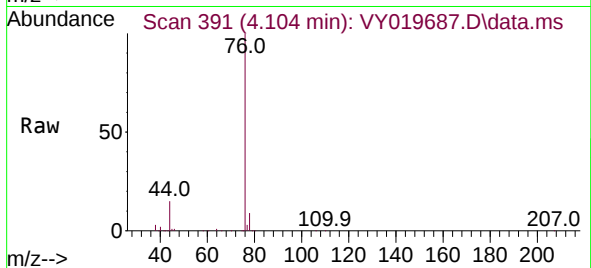
Tgt Ion: 43 Resp: 199726
Ion Ratio Lower Upper
43 100
58 31.2 31.7 47.5#



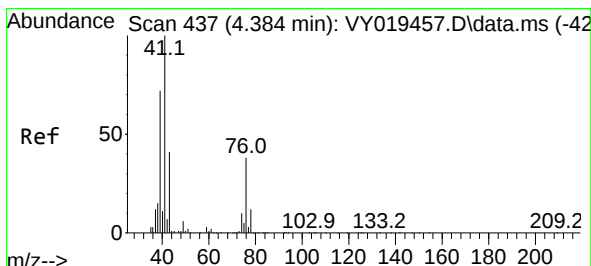
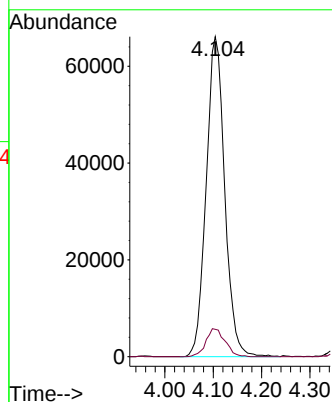
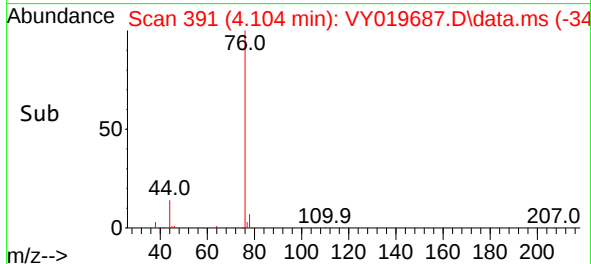


#17
Carbon Disulfide
Concen: 43.796 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Instrument :
MSVOA_Y
ClientSampleId :

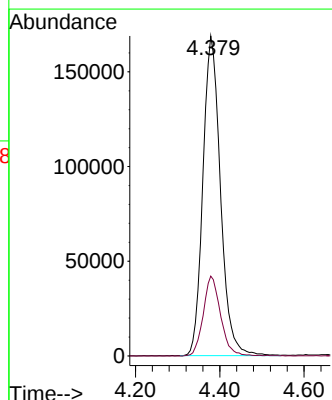
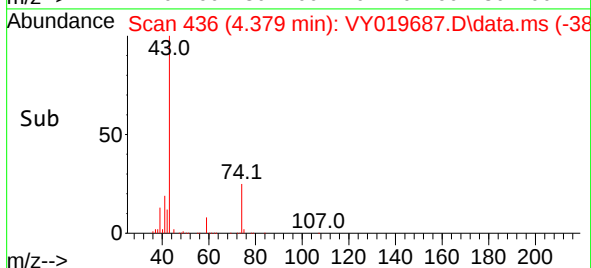
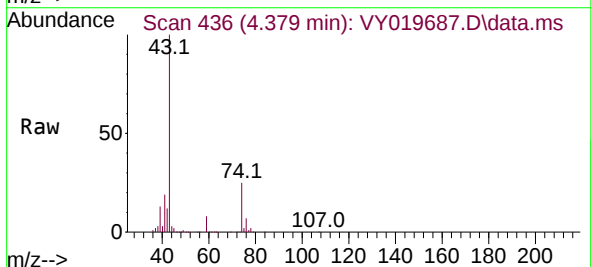


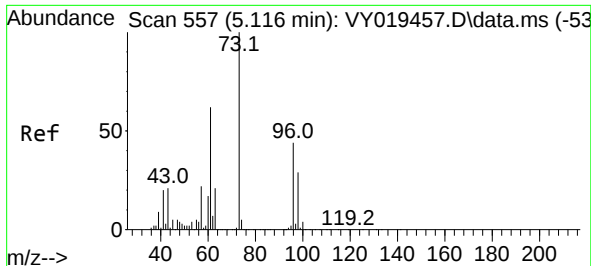
Tgt Ion: 76 Resp: 176007
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 488.468 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion: 43 Resp: 490260
Ion Ratio Lower Upper
43 100
74 24.5 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 121.231 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

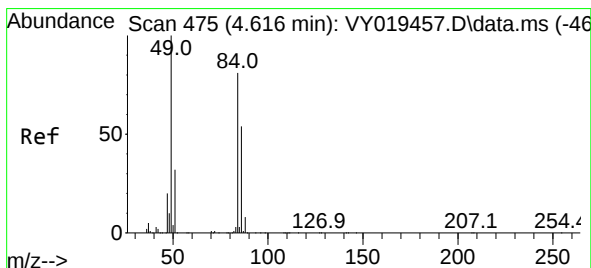
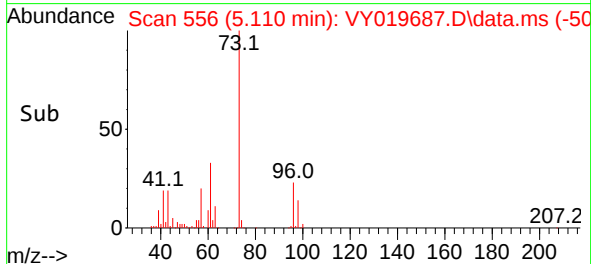
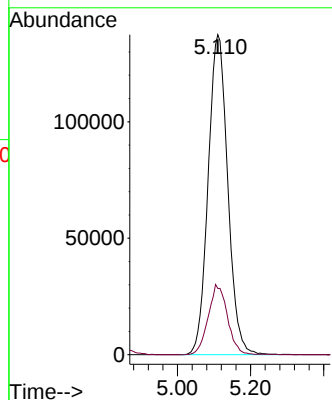
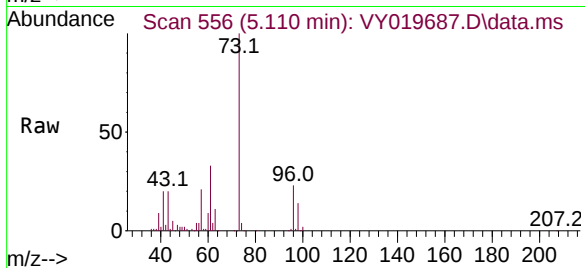
ClientSampleId :

Tgt Ion: 73 Resp: 510718

Ion Ratio Lower Upper

73 100

57 20.7 17.3 25.9



#20

Methylene Chloride

Concen: 109.839 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Tgt Ion: 84 Resp: 185261

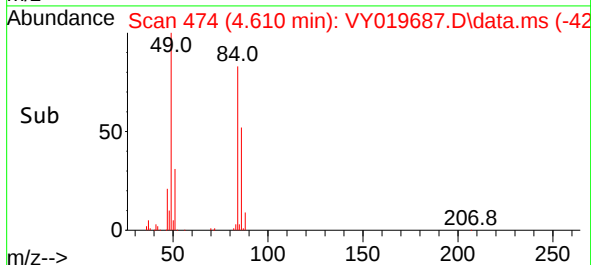
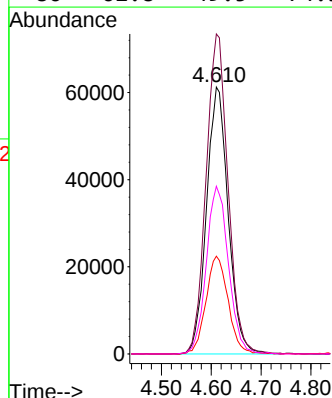
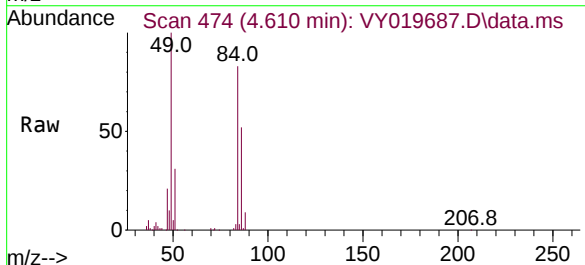
Ion Ratio Lower Upper

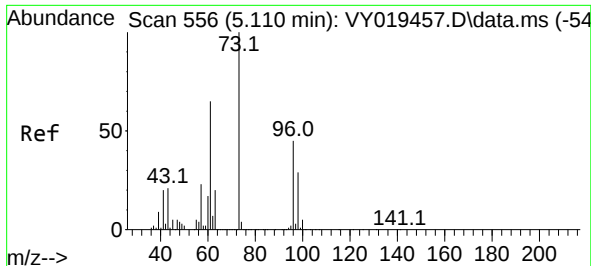
84 100

49 119.8 84.4 126.6

51 36.6 26.0 39.0

86 62.8 49.5 74.3

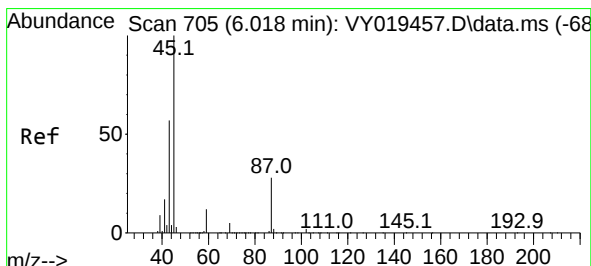
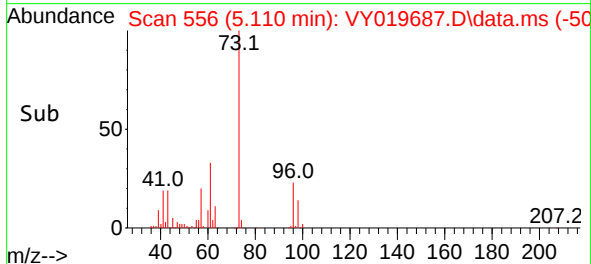
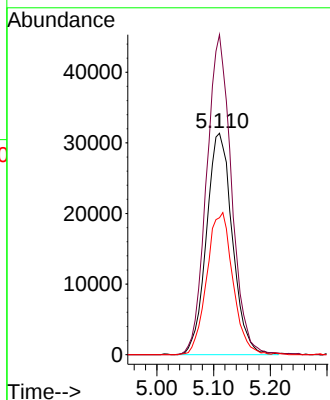
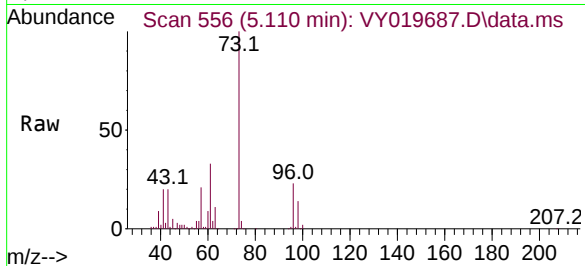




#21
trans-1,2-Dichloroethene
Concen: 61.140 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

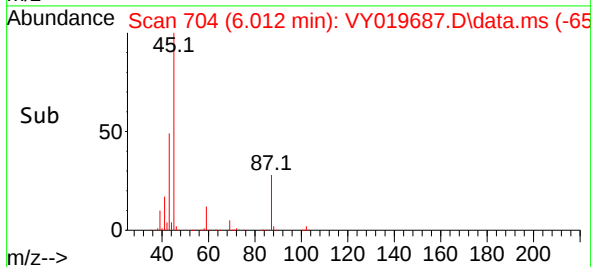
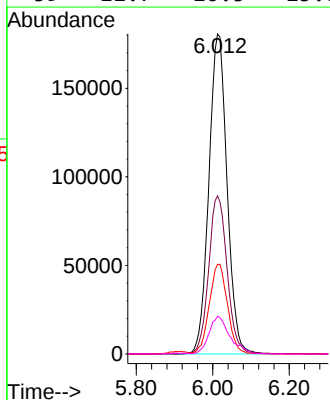
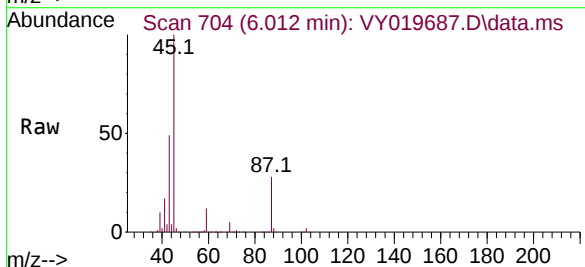
Instrument :
MSVOA_Y
ClientSampleId :

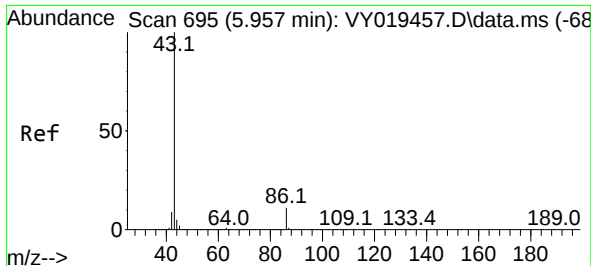
Tgt Ion: 96 Resp: 99681
Ion Ratio Lower Upper
96 100
61 144.3 97.5 146.3
98 61.8 50.5 75.7



#22
Diisopropyl ether
Concen: 108.807 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion: 45 Resp: 596004
Ion Ratio Lower Upper
45 100
43 49.4 42.2 63.2
87 28.0 25.0 37.6
59 11.7 10.5 15.7

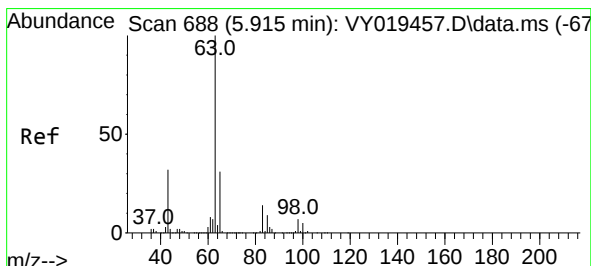
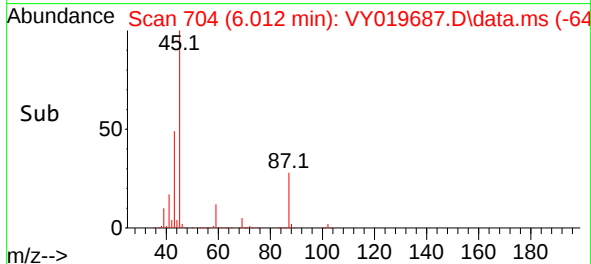
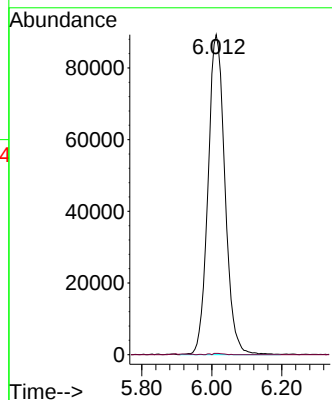
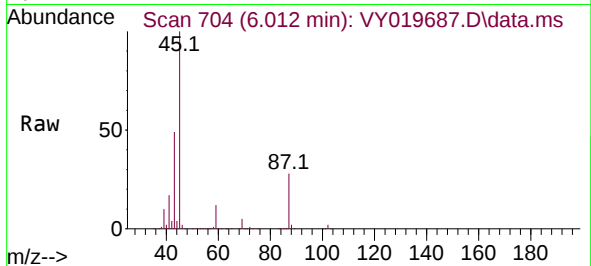




#23
Vinyl Acetate
Concen: 95.891 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.055 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

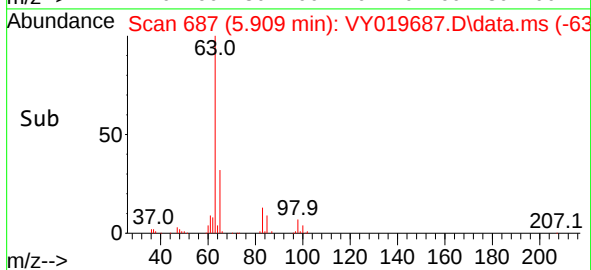
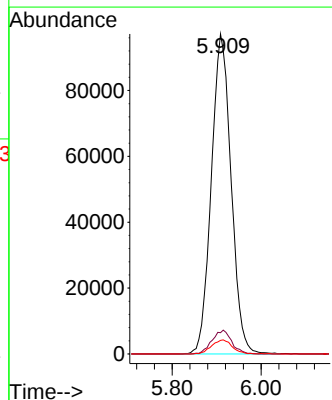
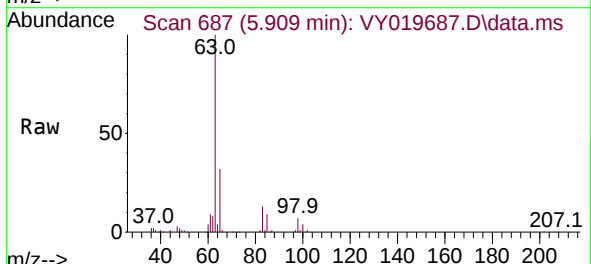
Instrument :
MSVOA_Y
ClientSampleId :

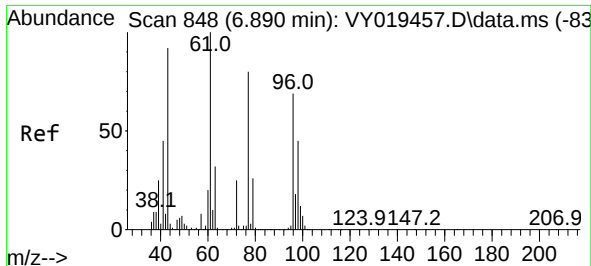
Tgt Ion: 43 Resp: 300018
Ion Ratio Lower Upper
43 100
86 0.4 10.6 16.0#



#24
1,1-Dichloroethane
Concen: 97.615 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion: 63 Resp: 300041
Ion Ratio Lower Upper
63 100
98 6.7 4.0 12.2
100 4.3 2.6 8.0





#25

2-Butanone

Concen: 41.094 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

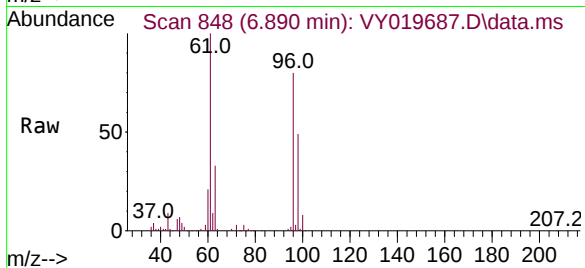
Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

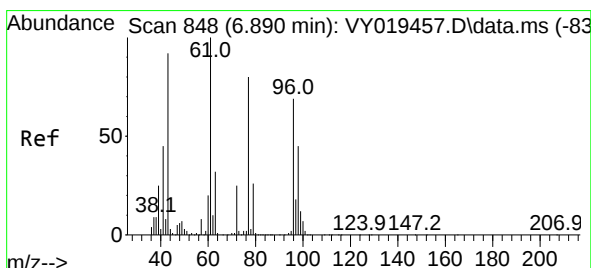
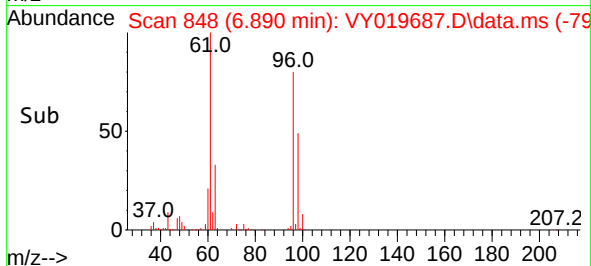
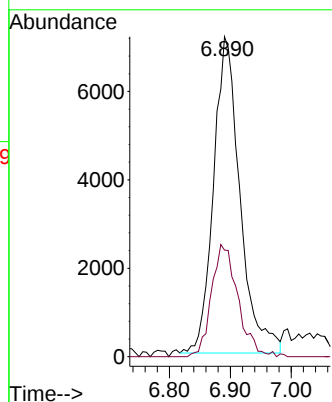


Tgt Ion: 43 Resp: 21616

Ion Ratio Lower Upper

43 100

72 33.7 27.3 40.9



#27

cis-1,2-Dichloroethene

Concen: 95.618 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

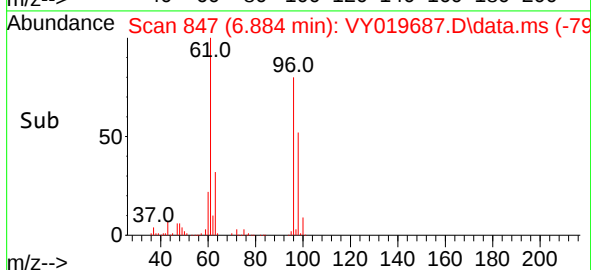
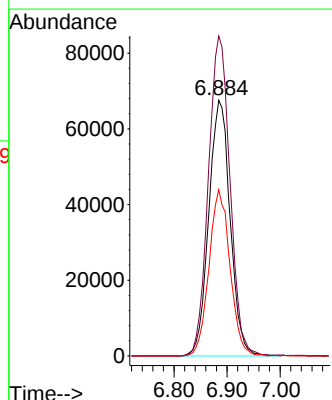
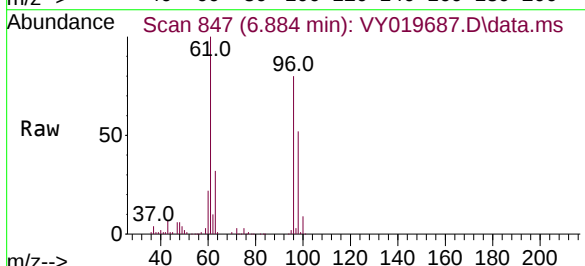
Tgt Ion: 96 Resp: 189365

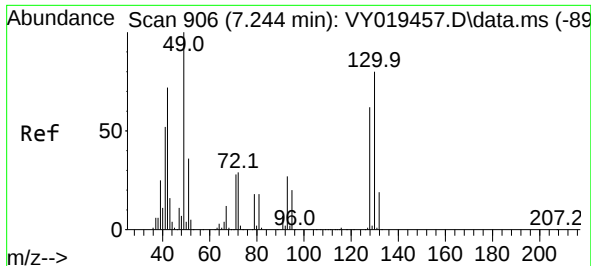
Ion Ratio Lower Upper

96 100

61 126.2 0.0 256.2

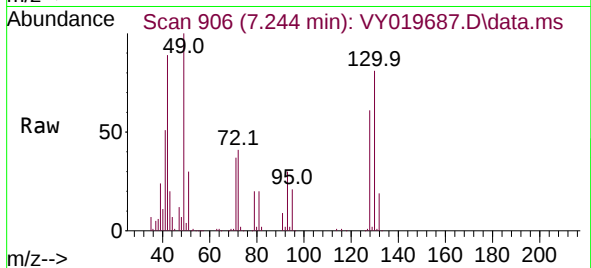
98 63.8 0.0 130.0



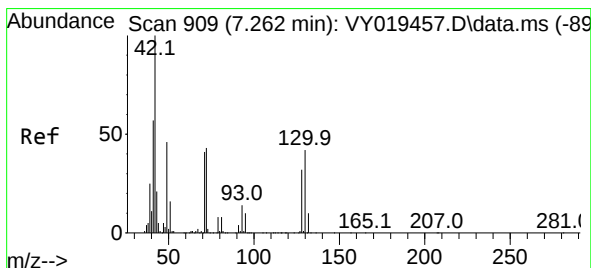
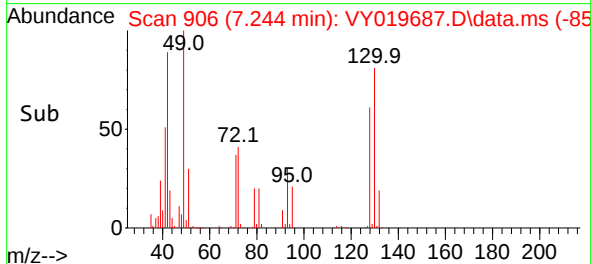
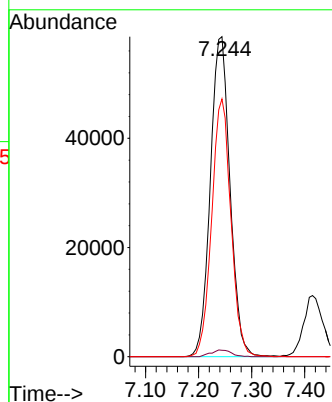


#28
Bromochloromethane
Concen: 116.893 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Instrument :
MSVOA_Y
ClientSampleId :

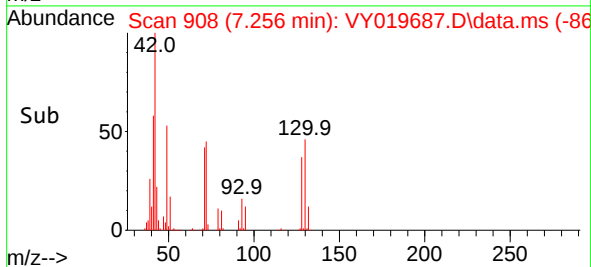
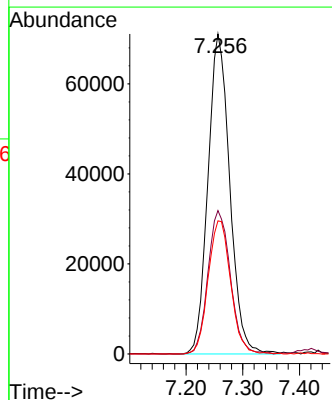
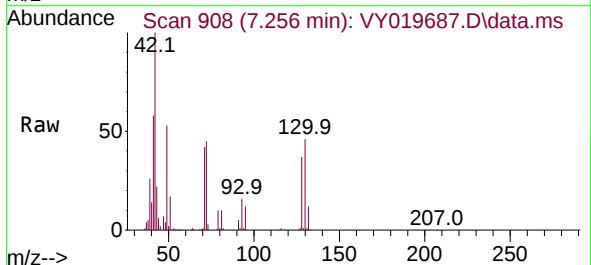


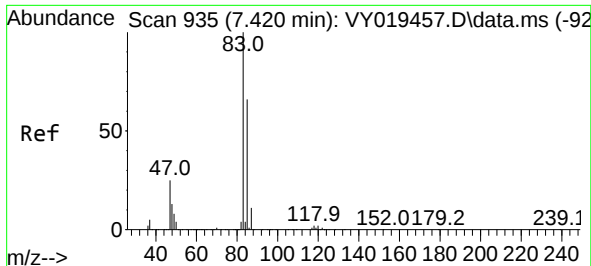
Tgt Ion: 49 Resp: 151174
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 78.4 72.7 109.1



#29
Tetrahydrofuran
Concen: 593.504 ug/l
RT: 7.256 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion: 42 Resp: 189815
Ion Ratio Lower Upper
42 100
72 46.0 43.0 64.4
71 43.0 40.8 61.2

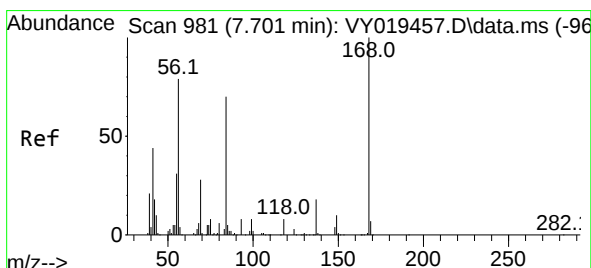
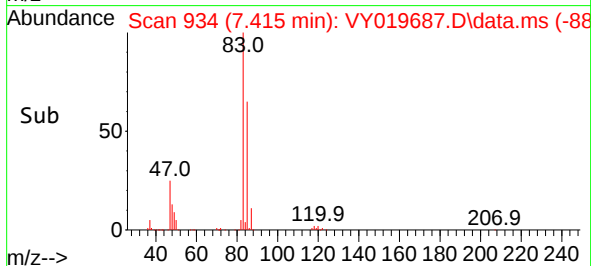
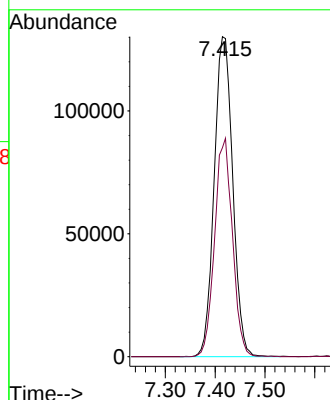
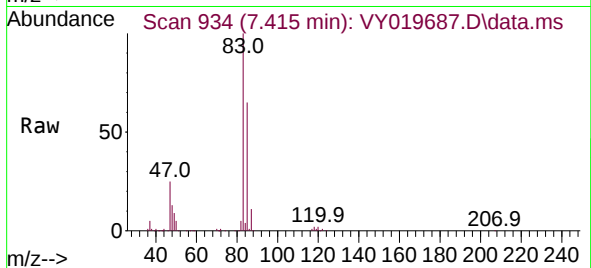




#30
Chloroform
Concen: 107.192 ug/l
RT: 7.415 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

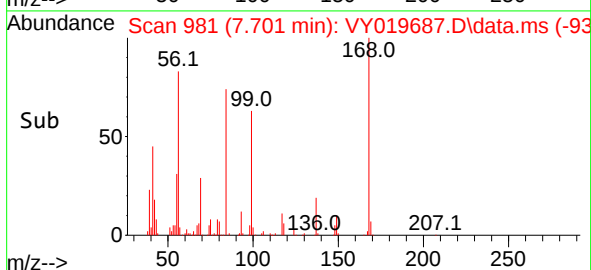
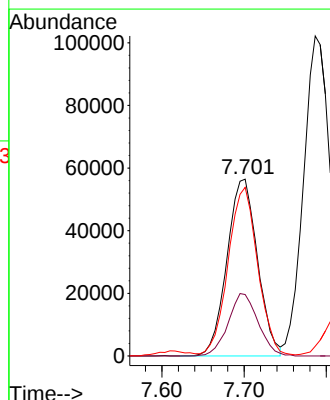
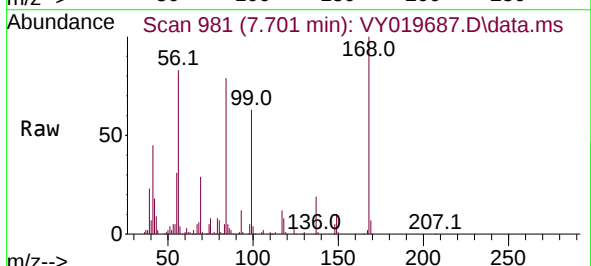
Instrument :
MSVOA_Y
ClientSampleId :

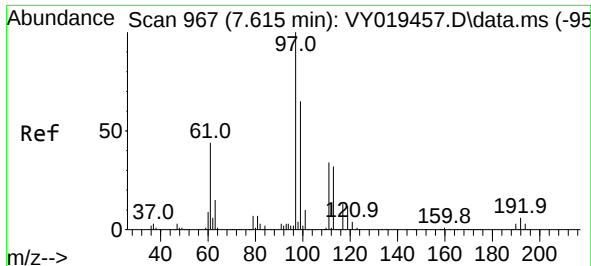
Tgt Ion: 83 Resp: 336343
Ion Ratio Lower Upper
83 100
85 65.3 52.2 78.4



#31
Cyclohexane
Concen: 52.475 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

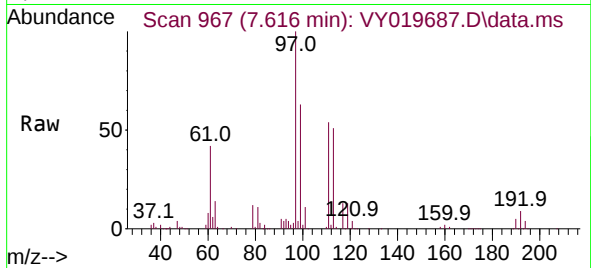
Tgt Ion: 56 Resp: 145793
Ion Ratio Lower Upper
56 100
69 34.8 28.7 43.1
84 93.1 77.7 116.5





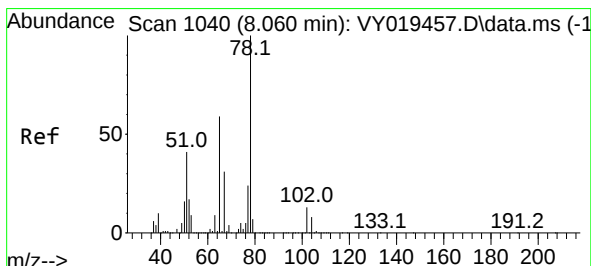
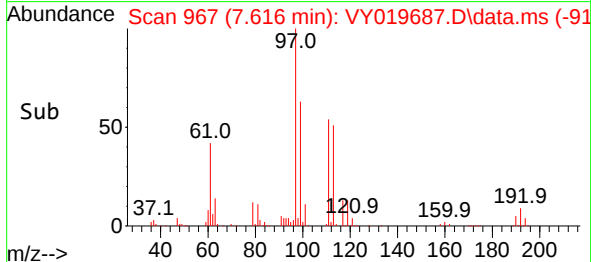
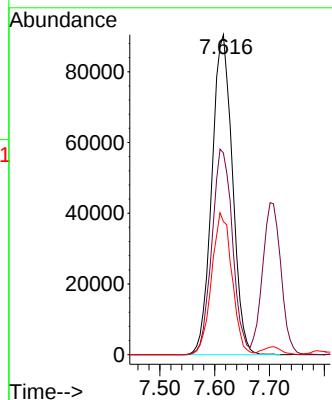
#32
 1,1,1-Trichloroethane
 Concen: 83.796 ug/l
 RT: 7.616 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY019687.D
 Acq: 24 Sep 2024 17:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 97 Resp: 235673

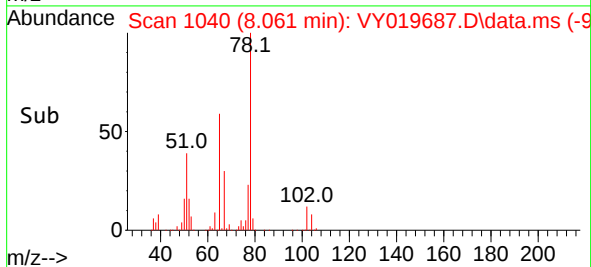
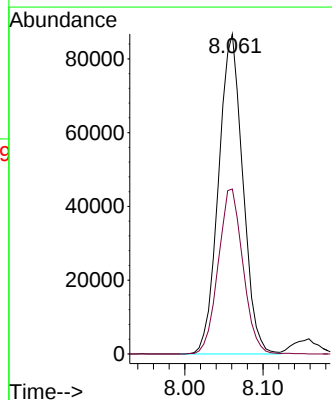
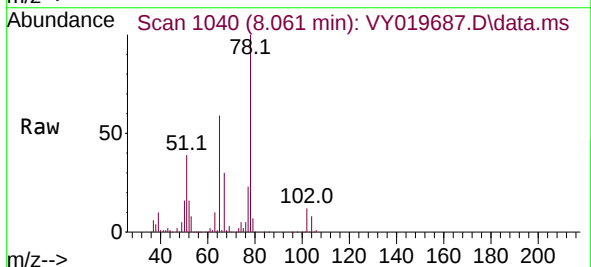
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.3	75.5
61	43.8	32.6	48.8

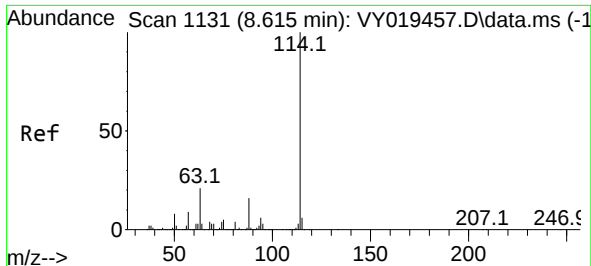


#33
 1,2-Dichloroethane-d4
 Concen: 120.445 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY019687.D
 Acq: 24 Sep 2024 17:04

Tgt Ion: 65 Resp: 186981

Ion	Ratio	Lower	Upper
65	100		
67	52.5	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: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

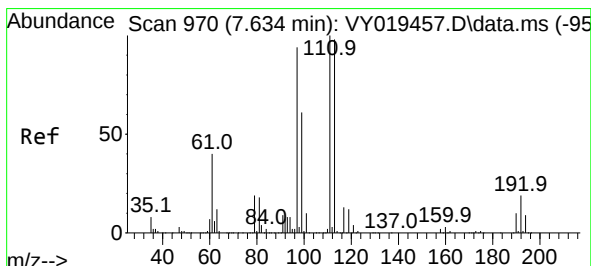
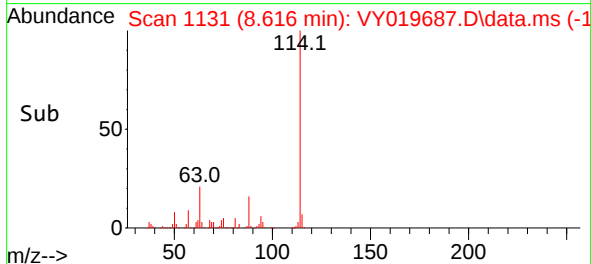
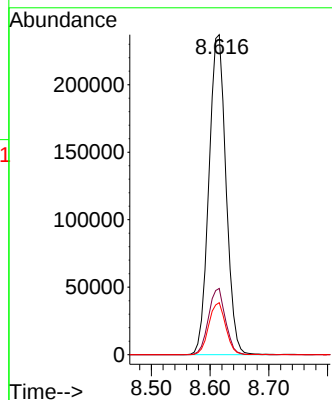
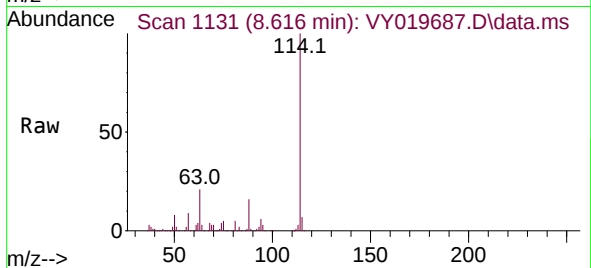
Tgt Ion:114 Resp: 477879

Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

88 16.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 64.995 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

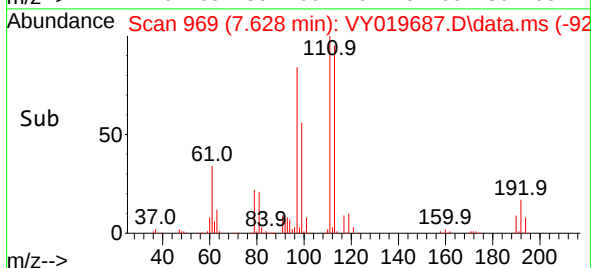
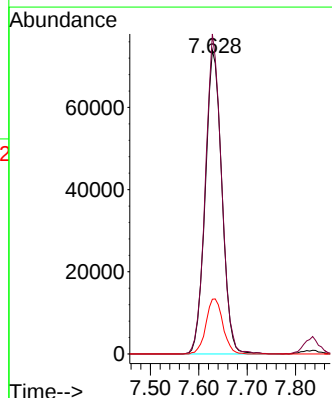
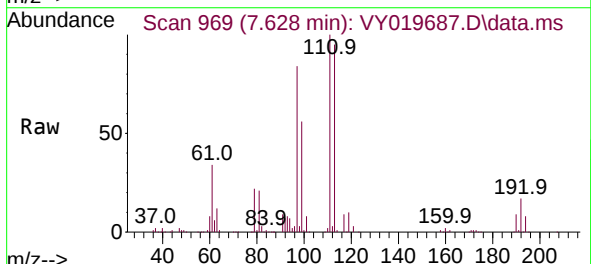
Tgt Ion:113 Resp: 176104

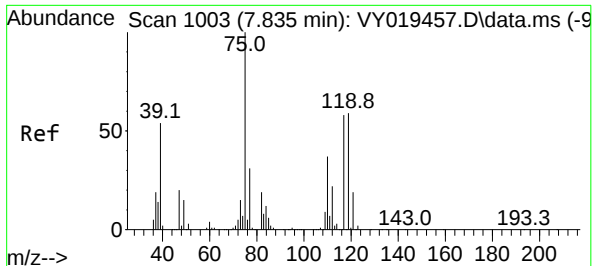
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 18.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 38.405 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

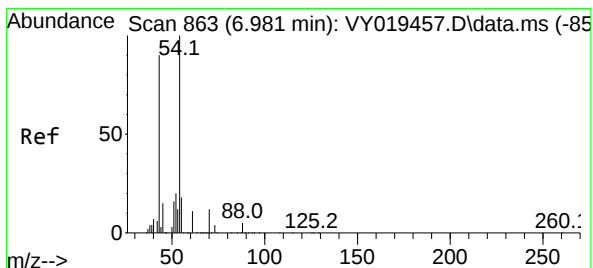
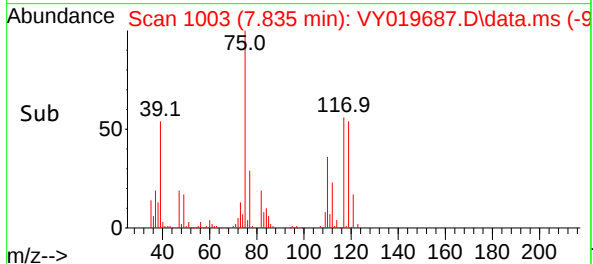
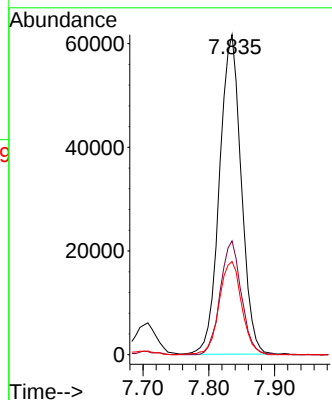
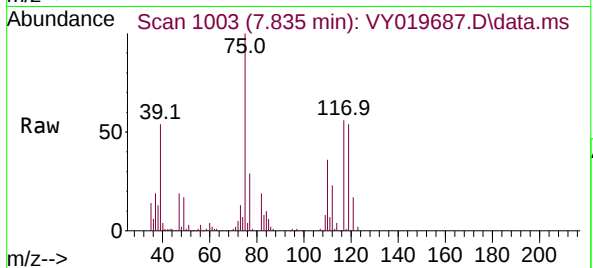
Tgt Ion: 75 Resp: 141592

Ion Ratio Lower Upper

75 100

110 34.6 19.0 57.0

77 30.3 25.3 37.9



#37

Ethyl Acetate

Concen: 11.443 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.091 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

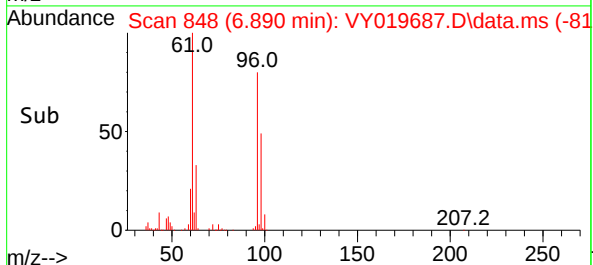
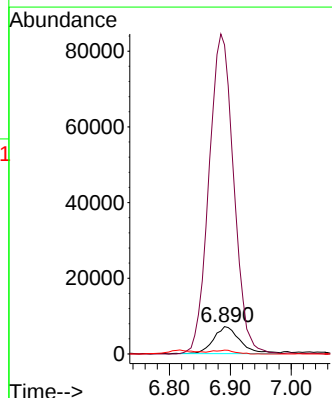
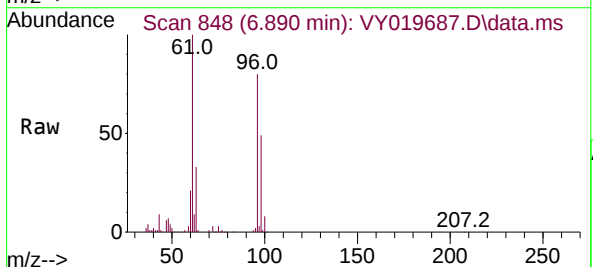
Tgt Ion: 43 Resp: 21616

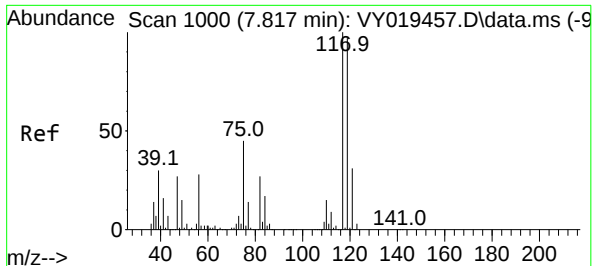
Ion Ratio Lower Upper

43 100

61 1105.3 12.6 19.0#

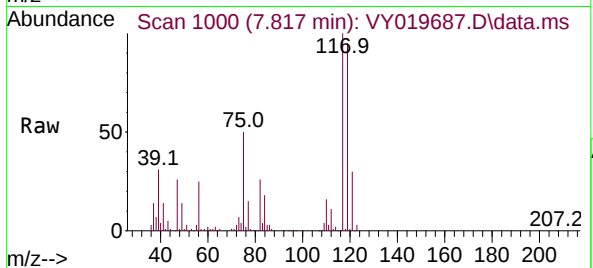
70 11.6 7.8 11.8



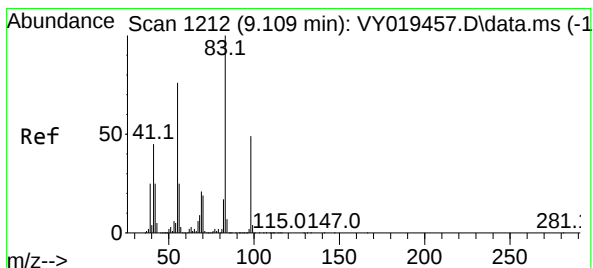
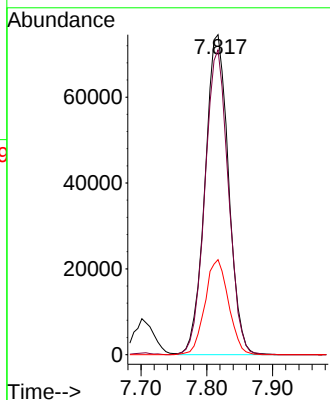
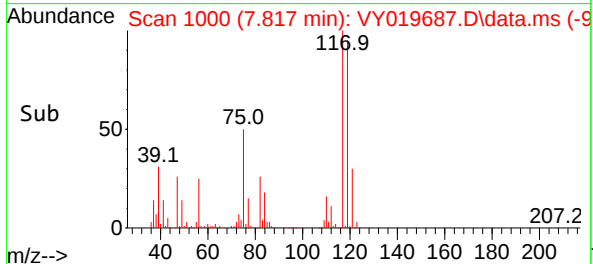


#38
Carbon Tetrachloride
Concen: 44.680 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

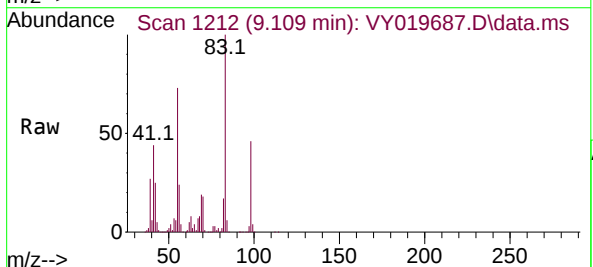
Instrument :
MSVOA_Y
ClientSampleId :



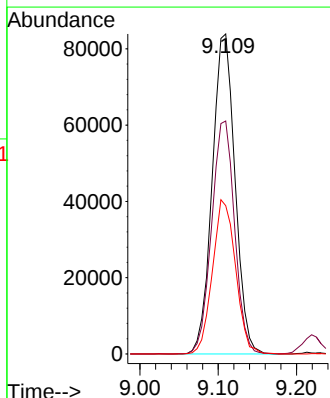
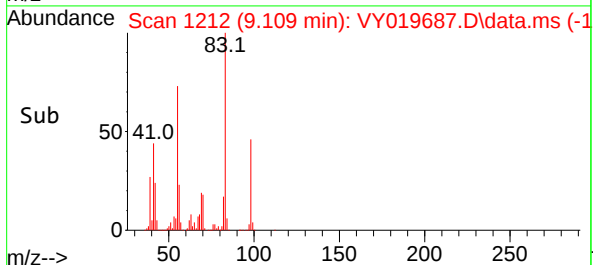
Tgt Ion:117 Resp: 185760
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.6
121 29.7 24.0 36.0

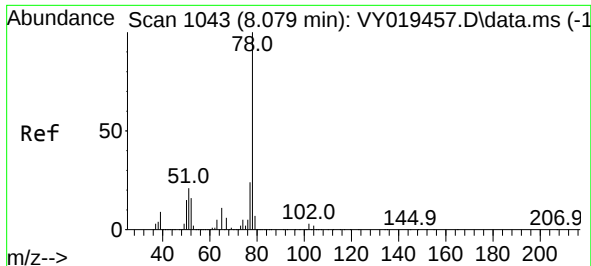


#39
Methylcyclohexane
Concen: 34.646 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04



Tgt Ion: 83 Resp: 169987
Ion Ratio Lower Upper
83 100
55 72.8 51.5 77.3
98 46.4 40.5 60.7

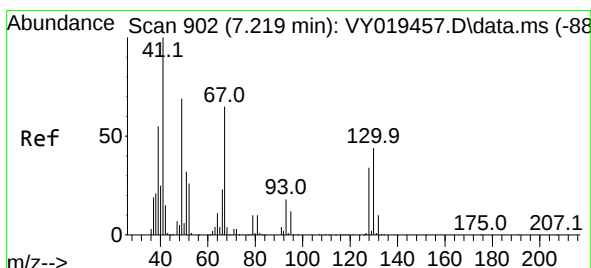
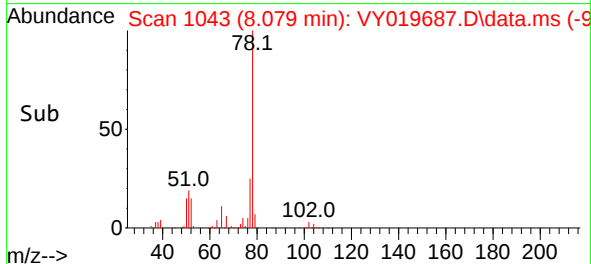
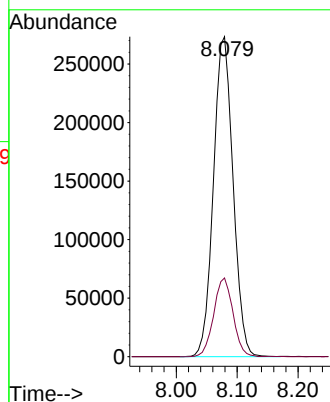
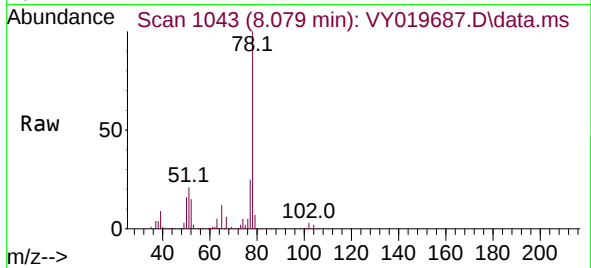




#40
Benzene
Concen: 53.861 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

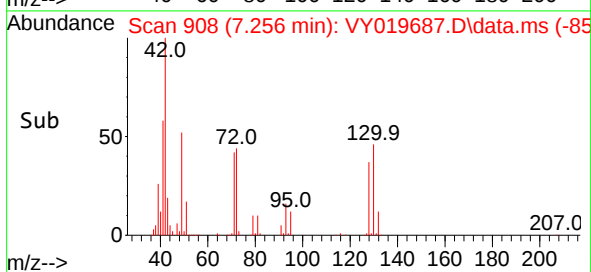
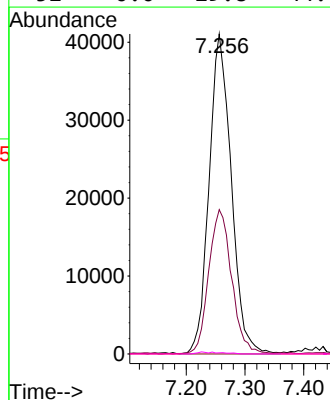
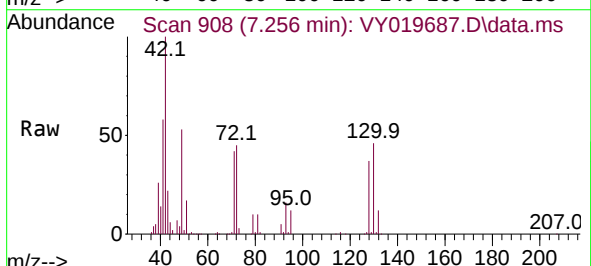
Instrument :
MSVOA_Y
ClientSampleId :

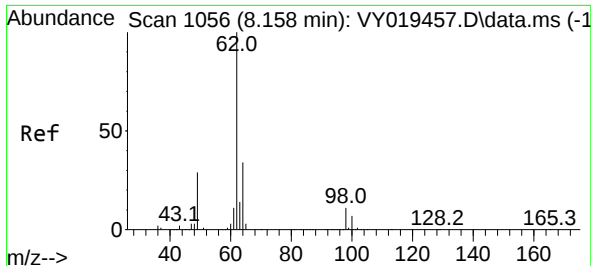
Tgt Ion: 78 Resp: 611621
Ion Ratio Lower Upper
78 100
77 24.6 19.5 29.3



#41
Methacrylonitrile
Concen: 97.820 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.037 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion: 41 Resp: 107716
Ion Ratio Lower Upper
41 100
39 46.7 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#





#42

1,2-Dichloroethane

Concen: 71.952 ug/l

RT: 8.152 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

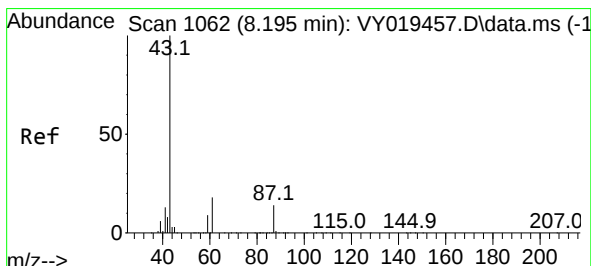
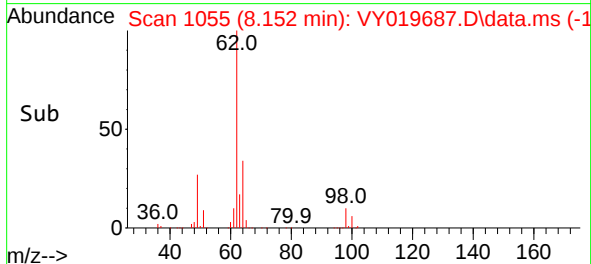
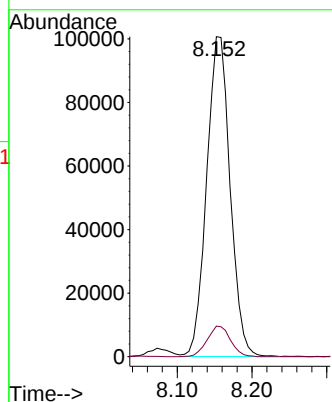
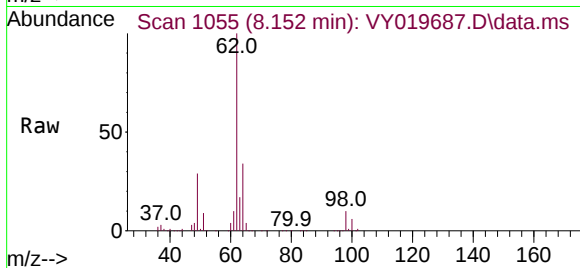
ClientSampleId :

Tgt Ion: 62 Resp: 219861

Ion Ratio Lower Upper

62 100

98 9.5 0.0 22.0



#43

Isopropyl Acetate

Concen: 2.689 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. -0.140 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

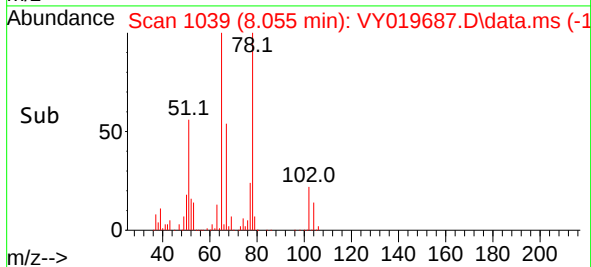
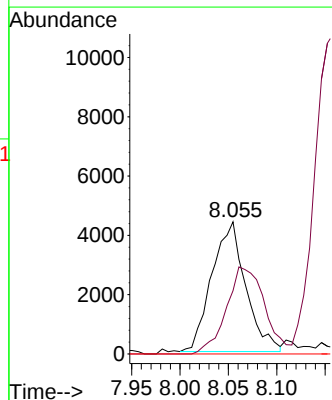
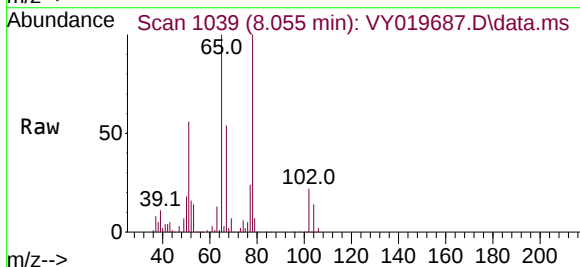
Tgt Ion: 43 Resp: 10670

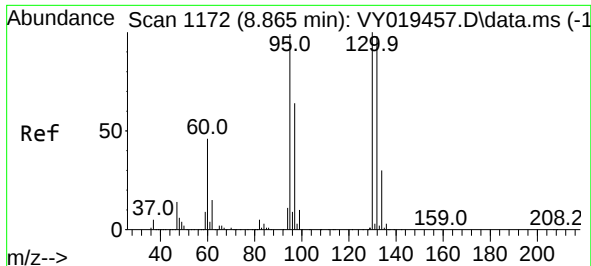
Ion Ratio Lower Upper

43 100

61 75.8 27.9 41.9#

87 0.0 13.1 19.7#

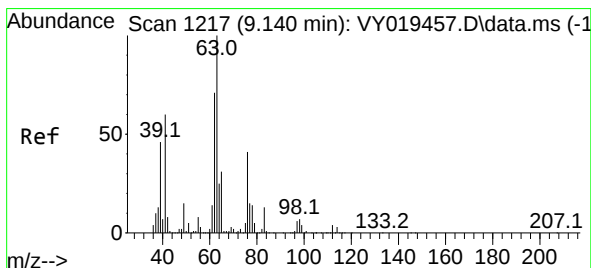
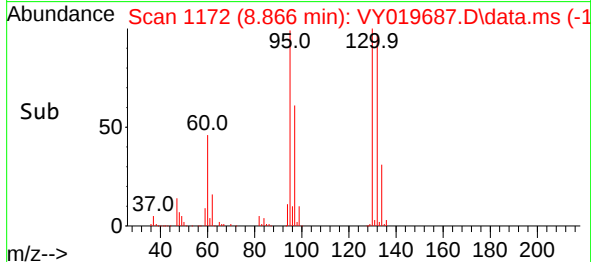
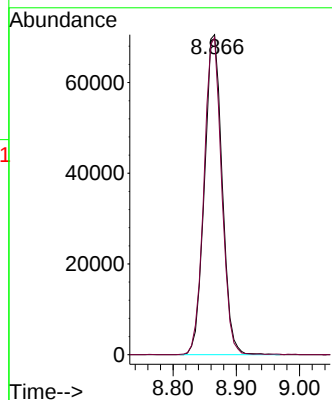
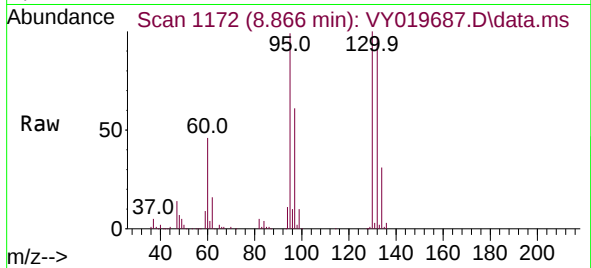




#44
 Trichloroethene
 Concen: 47.077 ug/l
 RT: 8.866 min Scan# 1172
 Delta R.T. 0.000 min
 Lab File: VY019687.D
 Acq: 24 Sep 2024 17:04

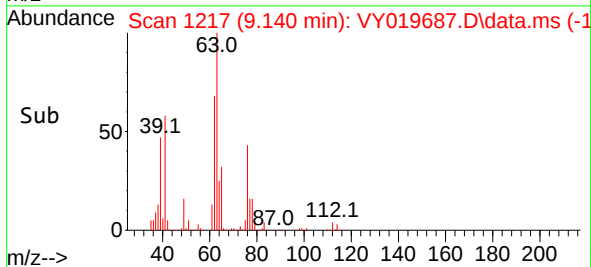
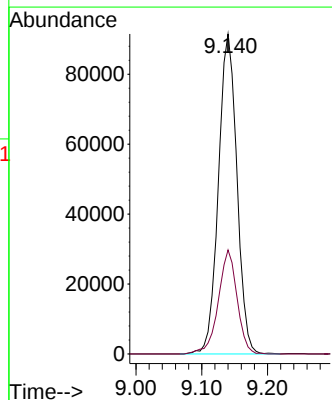
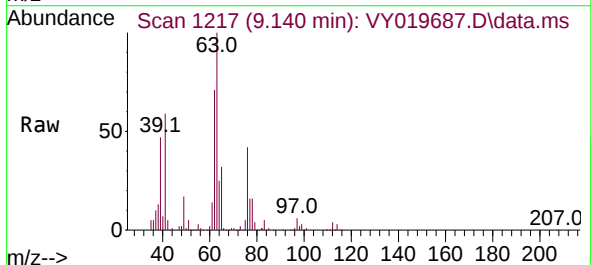
Instrument :
 MSVOA_Y
 ClientSampleId :

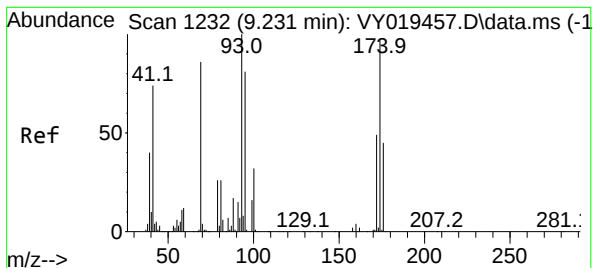
Tgt Ion:130 Resp: 137487
 Ion Ratio Lower Upper
 130 100
 95 99.0 0.0 188.0



#45
 1,2-Dichloropropane
 Concen: 64.524 ug/l
 RT: 9.140 min Scan# 1217
 Delta R.T. 0.000 min
 Lab File: VY019687.D
 Acq: 24 Sep 2024 17:04

Tgt Ion: 63 Resp: 179130
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.4 38.2





#46

Dibromomethane

Concen: 73.844 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

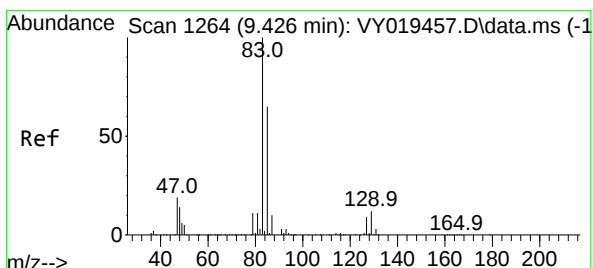
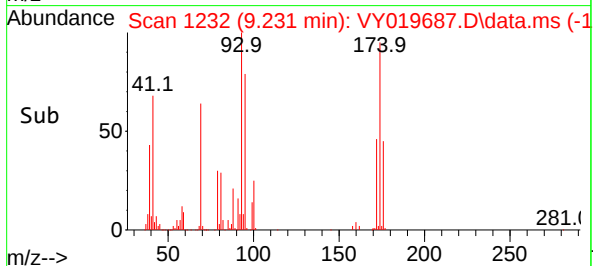
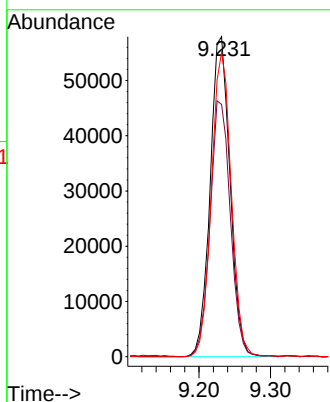
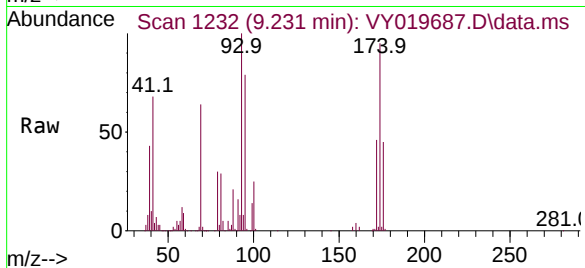
Tgt Ion: 93 Resp: 112106

Ion Ratio Lower Upper

93 100

95 81.3 66.2 99.4

174 94.7 80.9 121.3



#47

Bromodichloromethane

Concen: 68.750 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

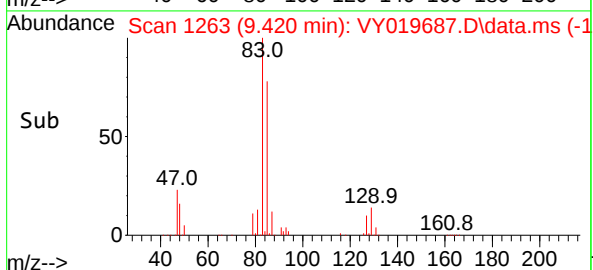
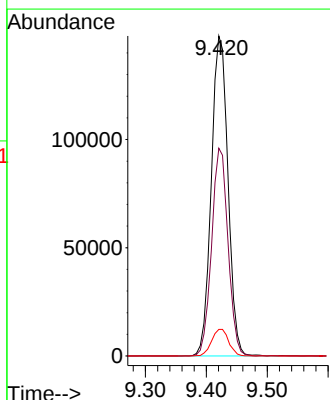
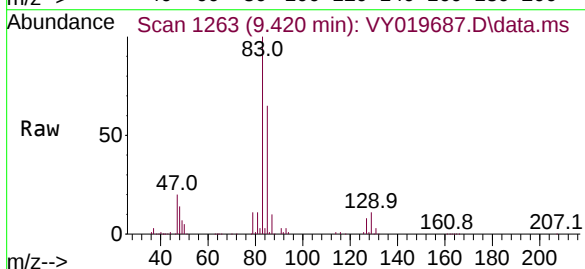
Tgt Ion: 83 Resp: 280564

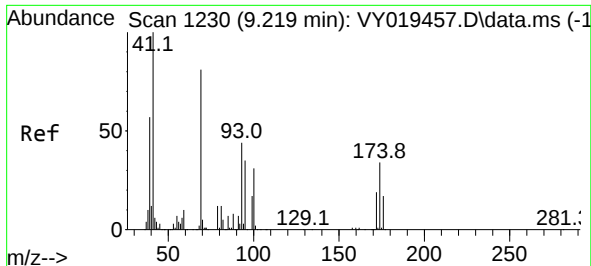
Ion Ratio Lower Upper

83 100

85 64.9 50.1 75.1

127 8.3 7.4 11.0





#48

Methyl methacrylate

Concen: 67.299 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

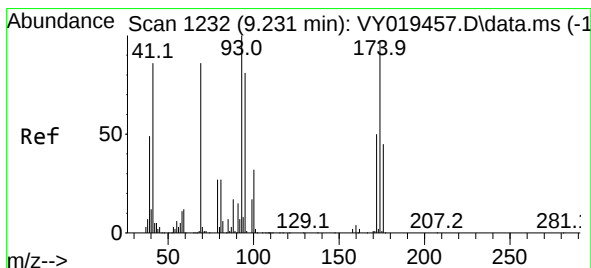
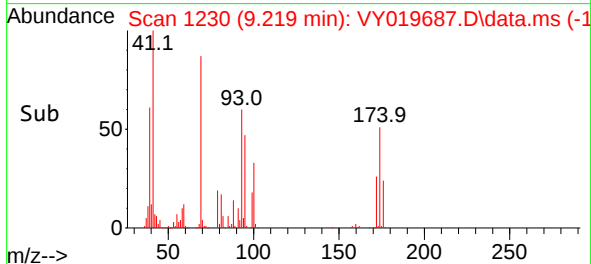
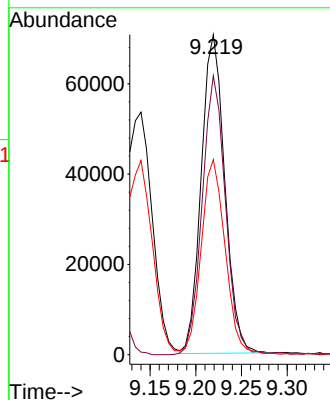
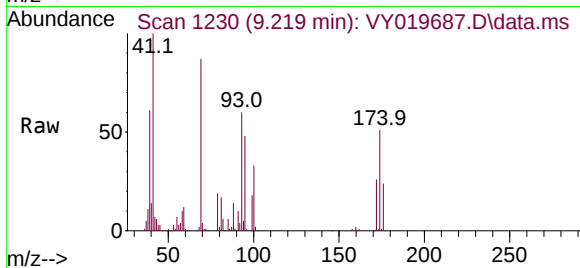
Tgt Ion: 41 Resp: 126129

Ion Ratio Lower Upper

41 100

69 87.1 84.1 126.1

39 62.2 43.6 65.4



#49

1,4-Dioxane

Concen: 1563.511 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

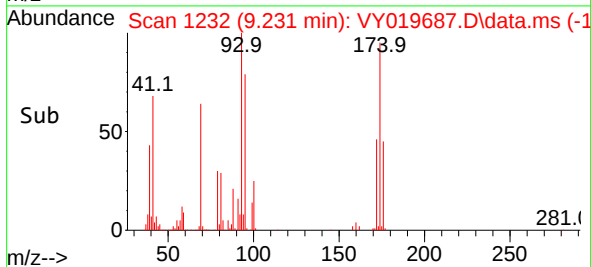
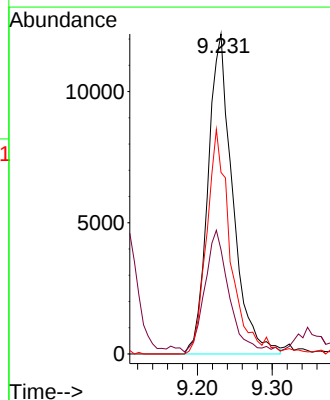
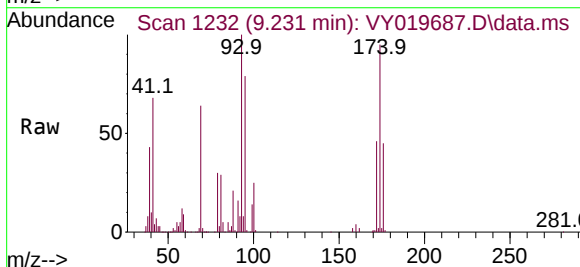
Tgt Ion: 88 Resp: 27943

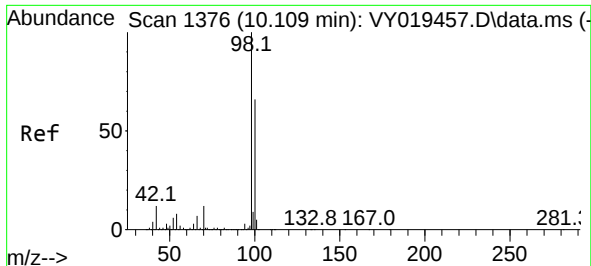
Ion Ratio Lower Upper

88 100

43 36.3 0.0 0.0#

58 67.7 49.3 73.9

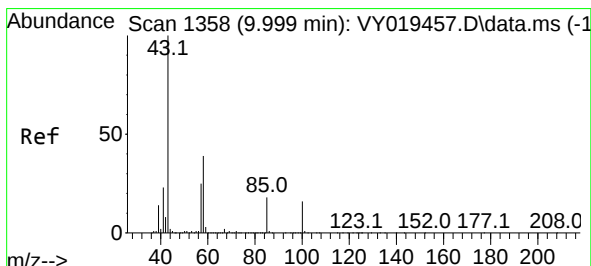
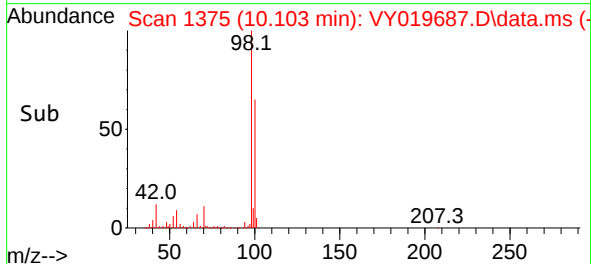
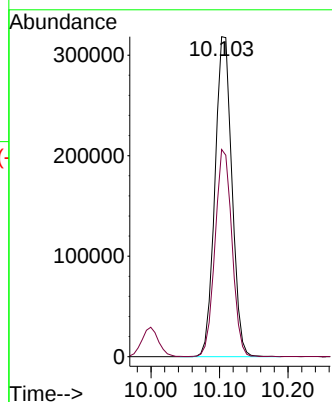
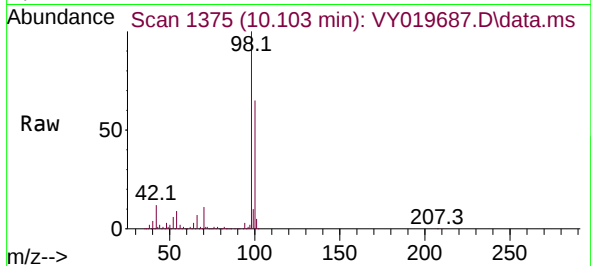




#50
Toluene-d8
Concen: 54.519 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

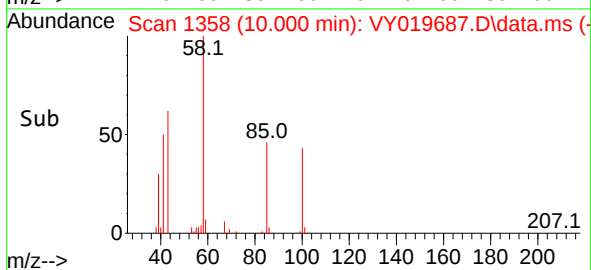
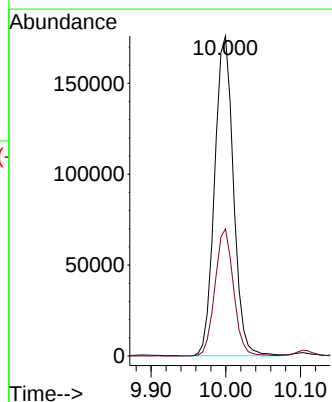
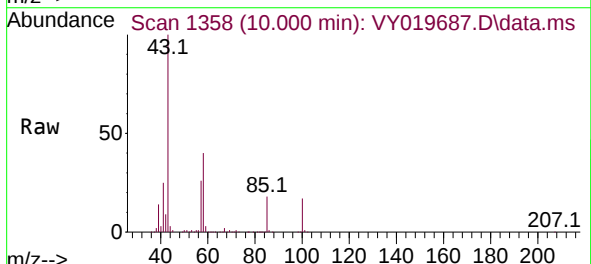
Instrument :
MSVOA_Y
ClientSampleId :

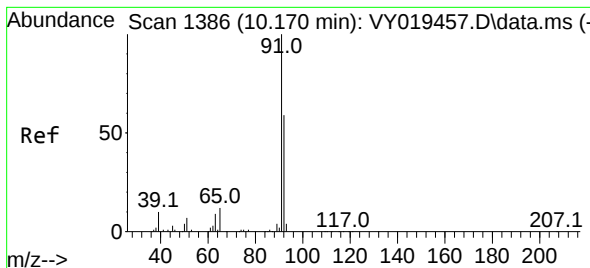
Tgt Ion: 98 Resp: 546381
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 154.431 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion: 43 Resp: 308342
Ion Ratio Lower Upper
43 100
58 39.2 35.7 53.5





#52

Toluene

Concen: 54.914 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

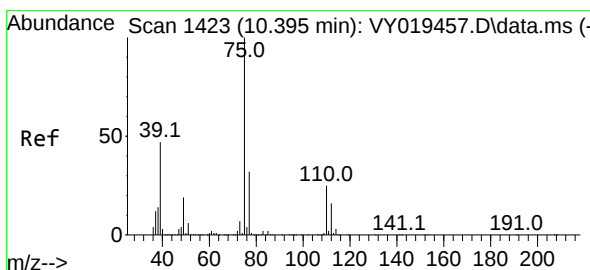
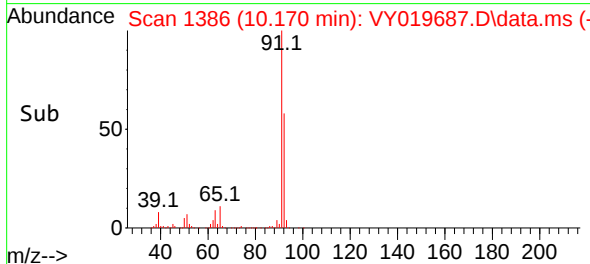
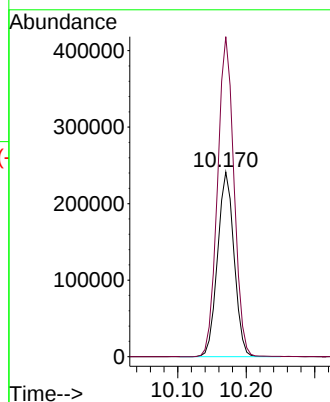
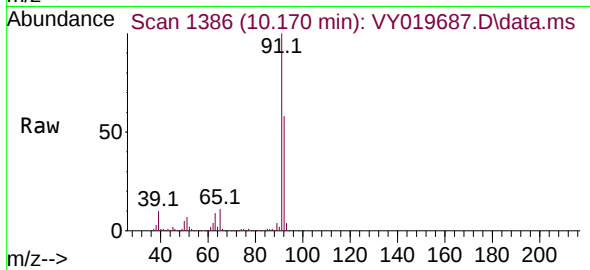
ClientSampleId :

Tgt Ion: 92 Resp: 401055

Ion Ratio Lower Upper

92 100

91 173.5 139.0 208.6



#53

t-1,3-Dichloropropene

Concen: 11.776 ug/l

RT: 10.390 min Scan# 1422

Delta R.T. -0.006 min

Lab File: VY019687.D

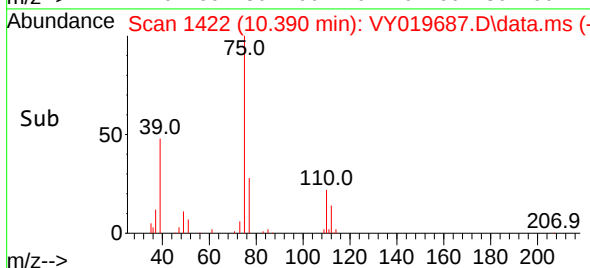
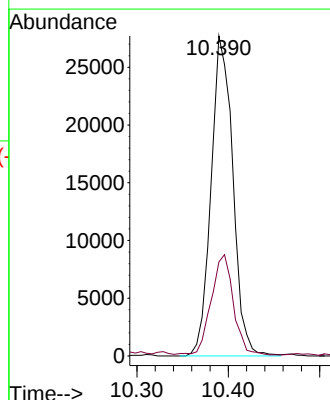
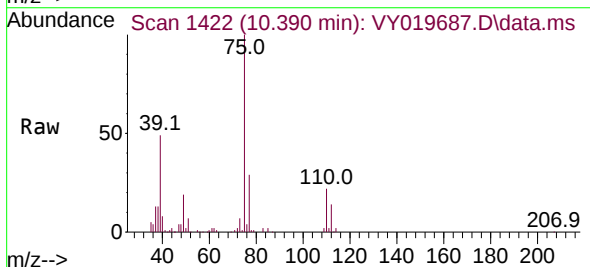
Acq: 24 Sep 2024 17:04

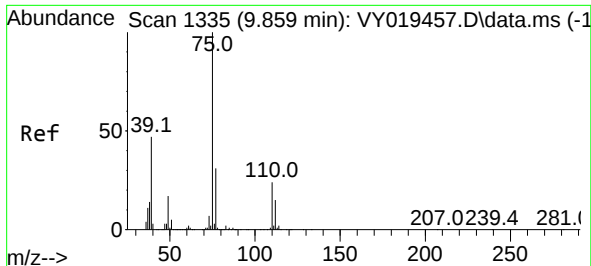
Tgt Ion: 75 Resp: 45810

Ion Ratio Lower Upper

75 100

77 29.1 24.1 36.1

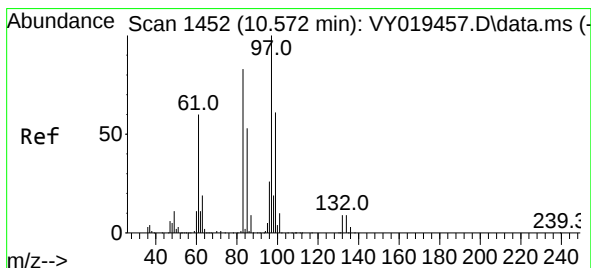
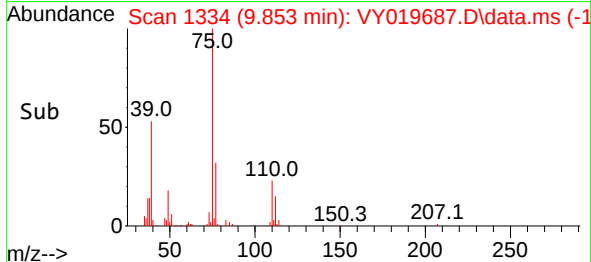
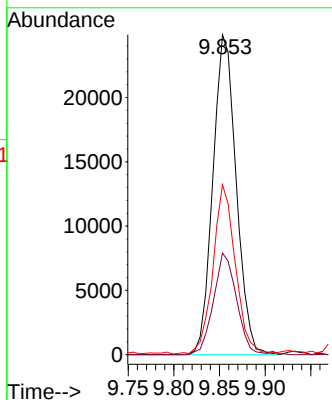
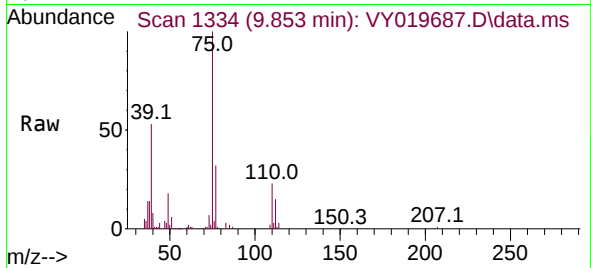




#54
cis-1,3-Dichloropropene
Concen: 9.736 ug/l
RT: 9.853 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

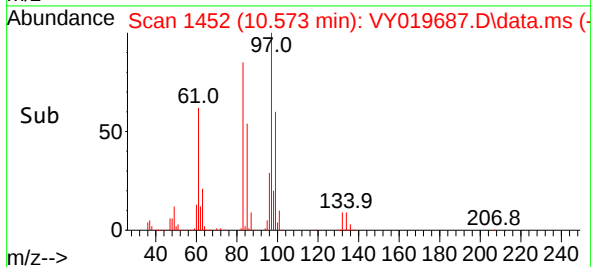
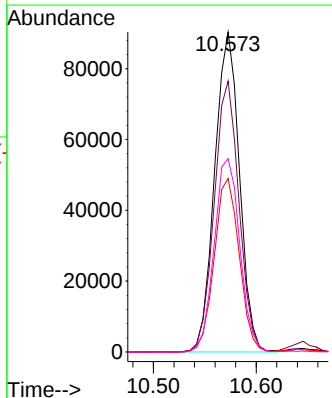
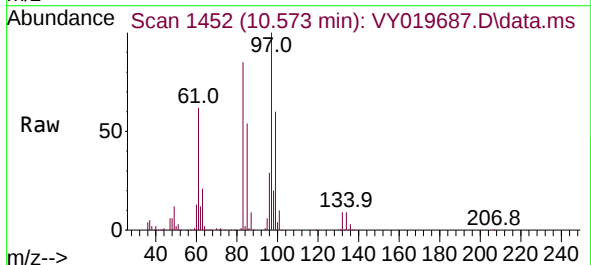
Instrument :
MSVOA_Y
ClientSampleId :

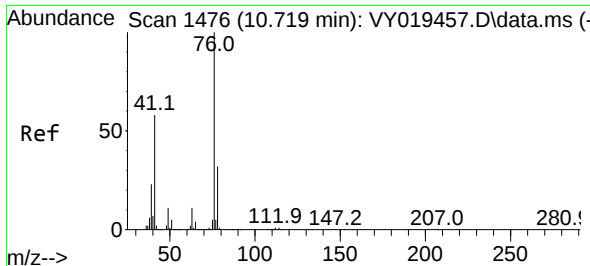
Tgt Ion: 75 Resp: 44103
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 52.7 29.8 44.6#



#55
1,1,2-Trichloroethane
Concen: 72.175 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion: 97 Resp: 151316
Ion Ratio Lower Upper
97 100
83 84.7 67.5 101.3
85 54.2 42.9 64.3
99 60.4 46.6 70.0





#57

1,3-Dichloropropane

Concen: 70.741 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

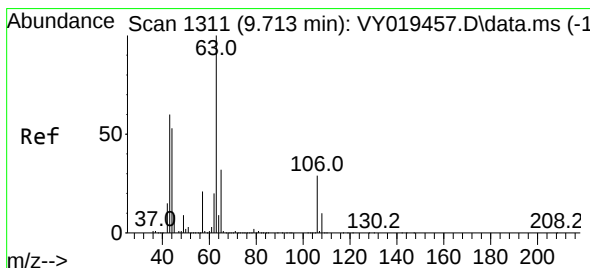
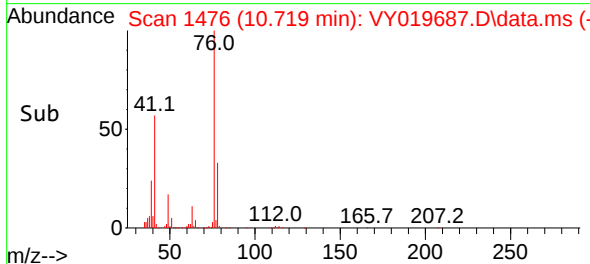
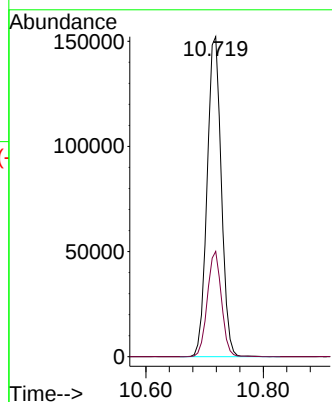
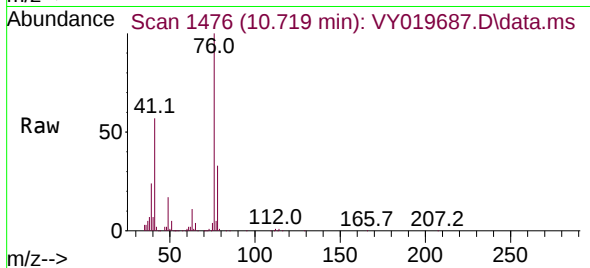
ClientSampleId :

Tgt Ion: 76 Resp: 254931

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 327.225 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY019687.D

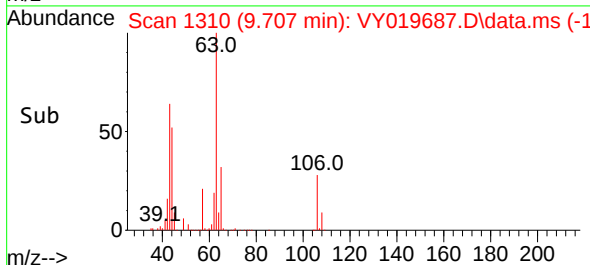
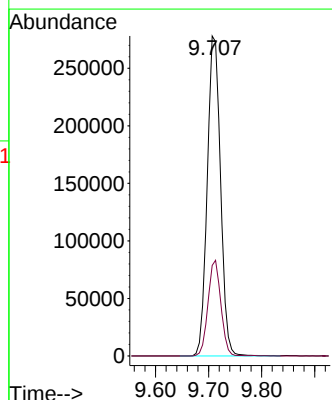
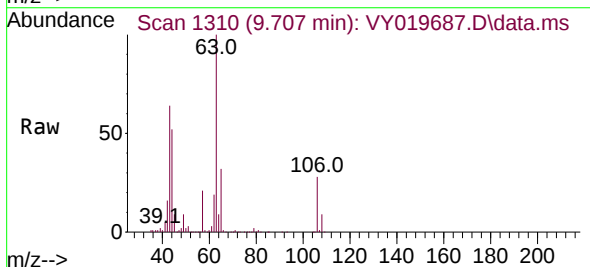
Acq: 24 Sep 2024 17:04

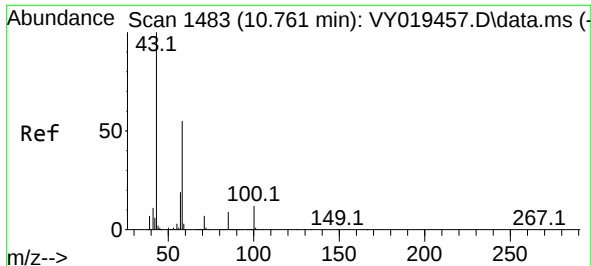
Tgt Ion: 63 Resp: 483680

Ion Ratio Lower Upper

63 100

106 29.0 23.7 35.5

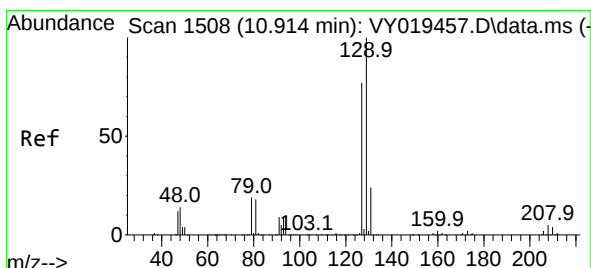
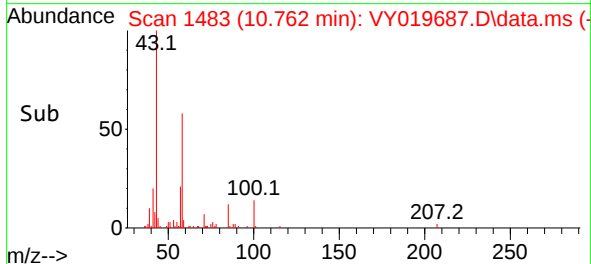
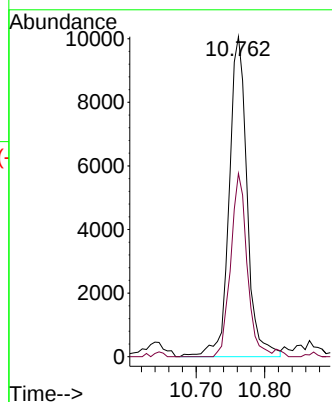
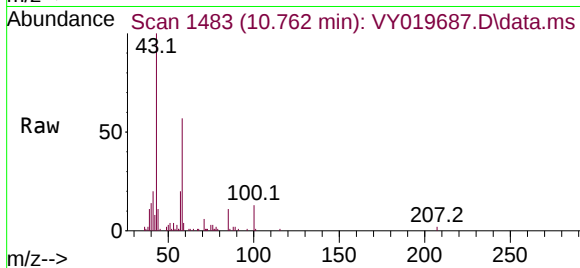




#59
2-Hexanone
Concen: 12.491 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

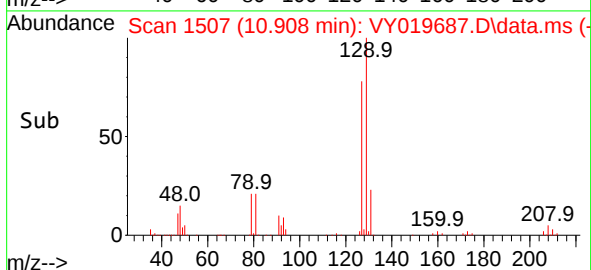
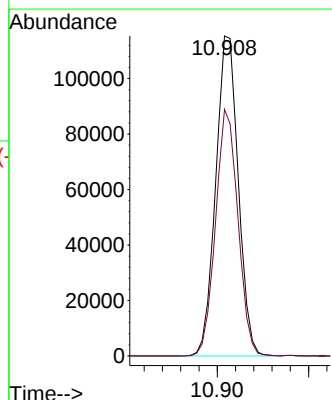
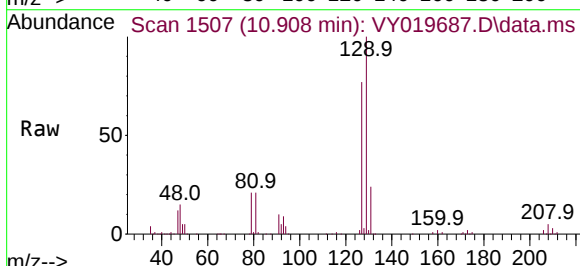
Instrument :
MSVOA_Y
ClientSampleId :

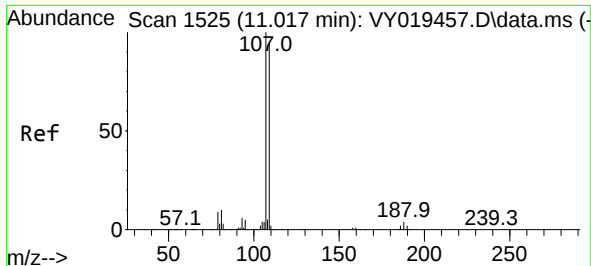
Tgt Ion: 43 Resp: 18284
Ion Ratio Lower Upper
43 100
58 52.4 31.4 94.0



#60
Dibromochloromethane
Concen: 71.314 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion: 129 Resp: 197776
Ion Ratio Lower Upper
129 100
127 76.4 39.0 117.0

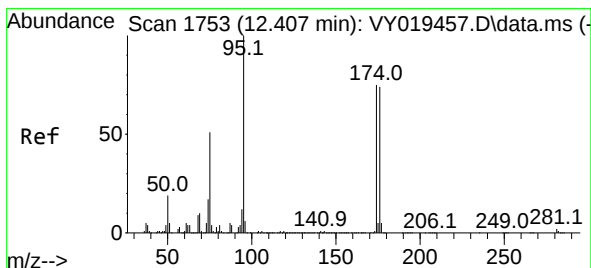
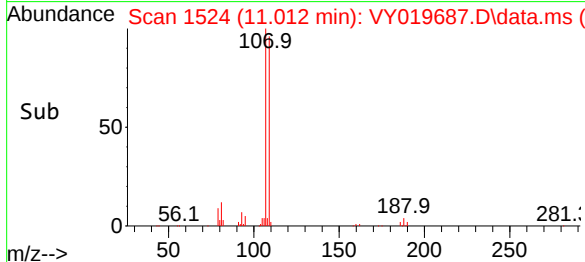
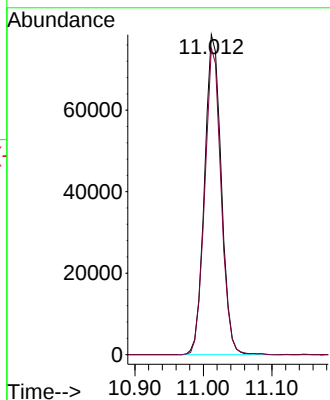
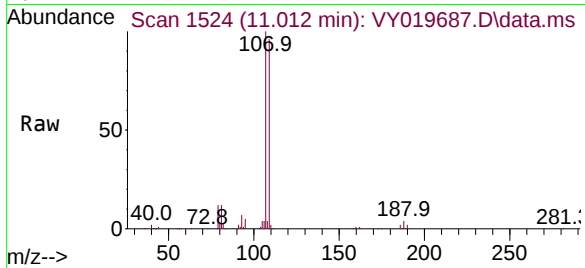




#61
1,2-Dibromoethane
Concen: 68.213 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

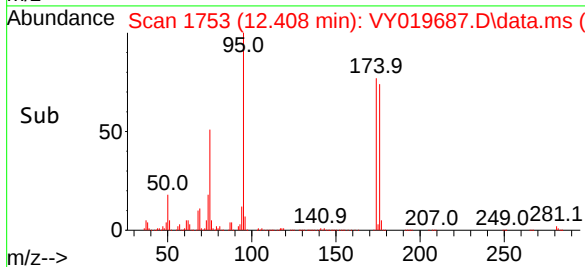
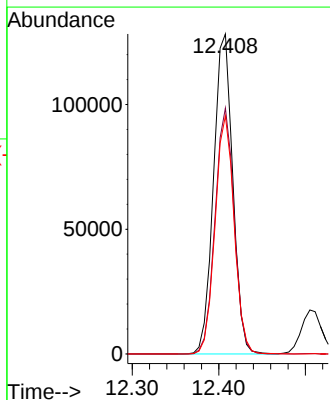
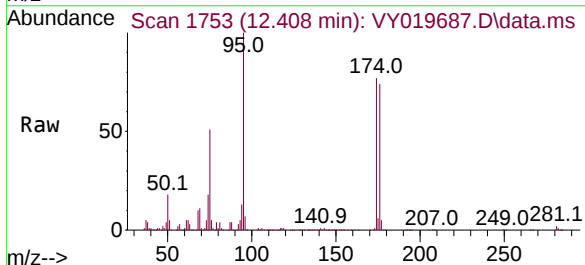
Instrument :
MSVOA_Y
ClientSampleId :

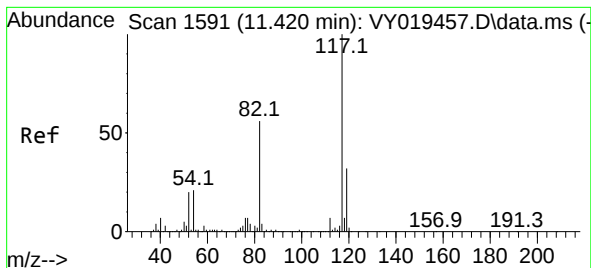
Tgt Ion:107 Resp: 133247
Ion Ratio Lower Upper
107 100
109 93.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.385 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion: 95 Resp: 198009
Ion Ratio Lower Upper
95 100
174 76.2 0.0 175.6
176 73.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

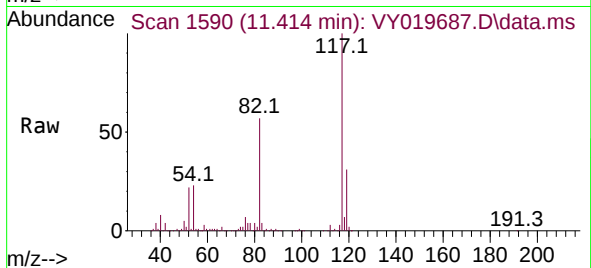
Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :



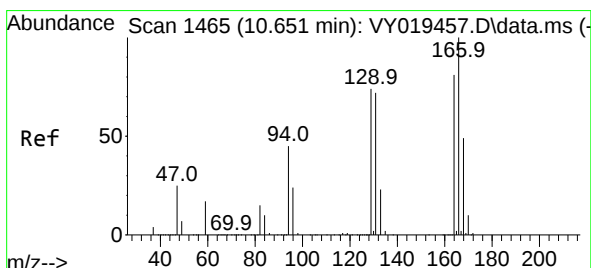
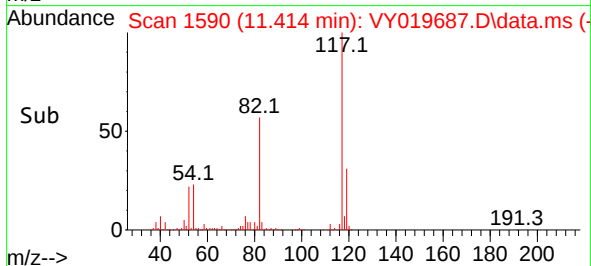
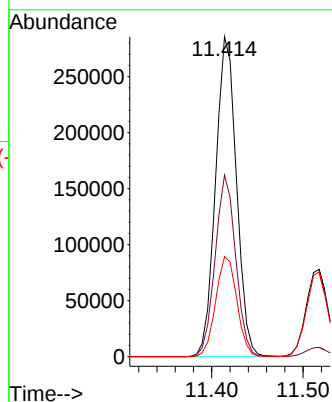
Tgt Ion:117 Resp: 454361

Ion Ratio Lower Upper

117 100

82 56.8 42.4 63.6

119 31.3 25.9 38.9



#64

Tetrachloroethene

Concen: 57.995 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Tgt Ion:164 Resp: 163177

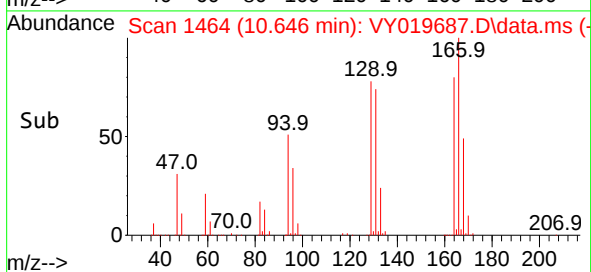
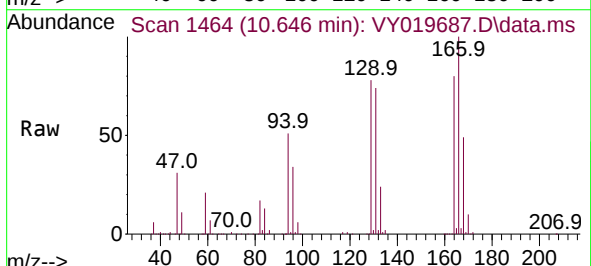
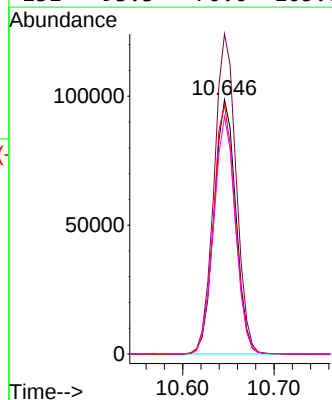
Ion Ratio Lower Upper

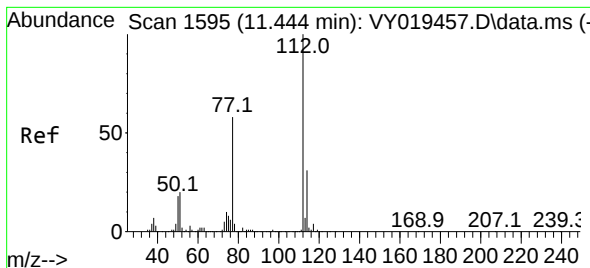
164 100

166 125.8 102.6 154.0

129 97.7 72.0 108.0

131 93.3 70.0 105.0





#65

Chlorobenzene

Concen: 50.027 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

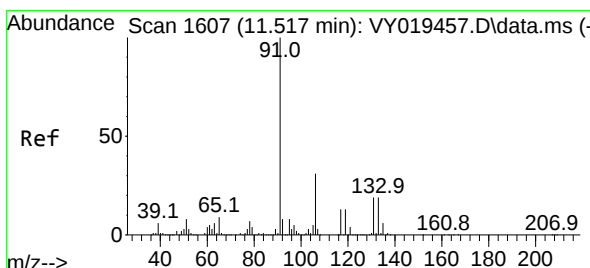
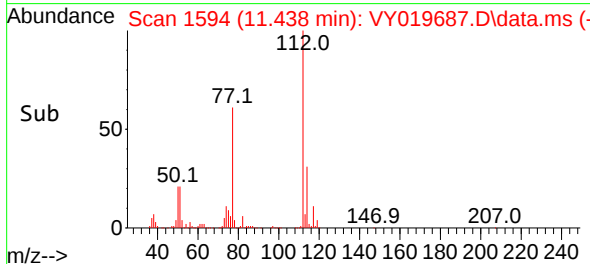
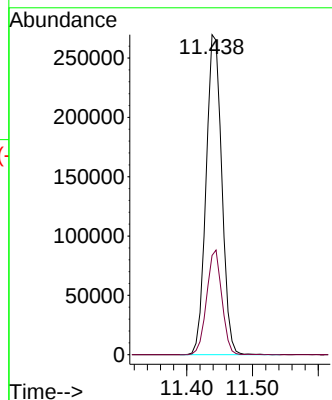
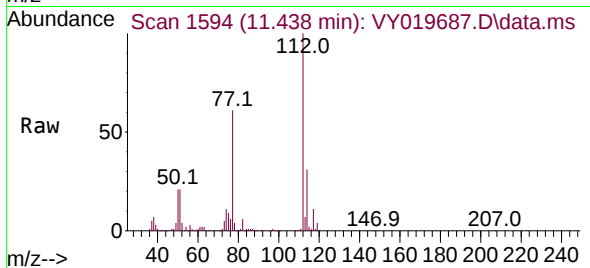
ClientSampleId :

Tgt Ion:112 Resp: 447122

Ion Ratio Lower Upper

112 100

114 31.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 60.582 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

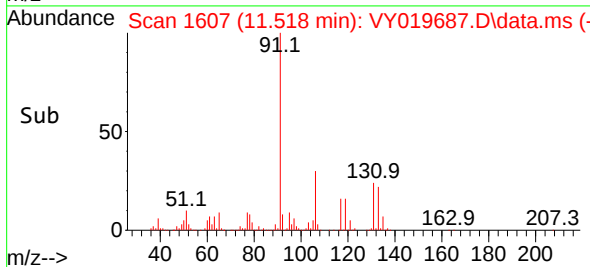
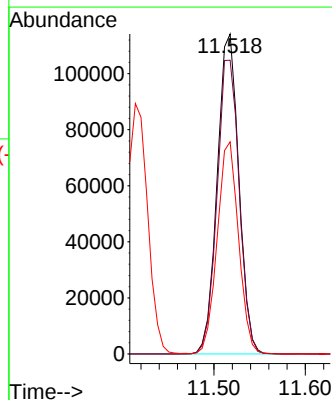
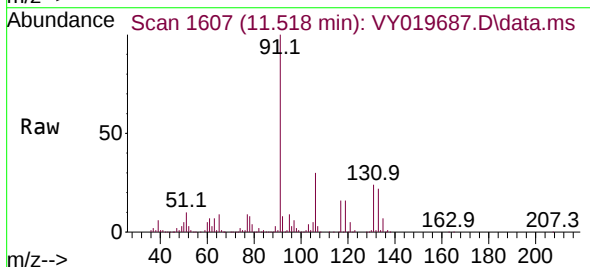
Tgt Ion:131 Resp: 187470

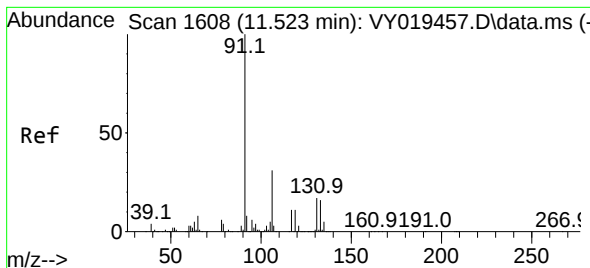
Ion Ratio Lower Upper

131 100

133 94.2 47.8 143.3

119 65.6 34.1 102.2





#67

Ethyl Benzene

Concen: 45.994 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

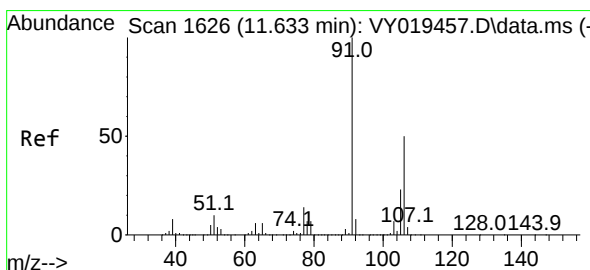
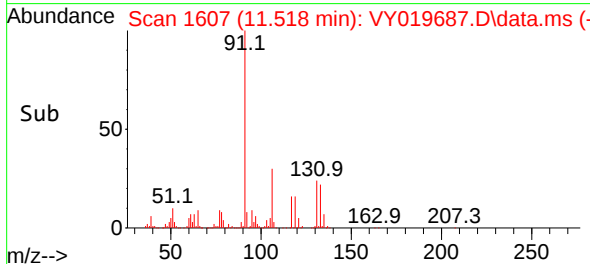
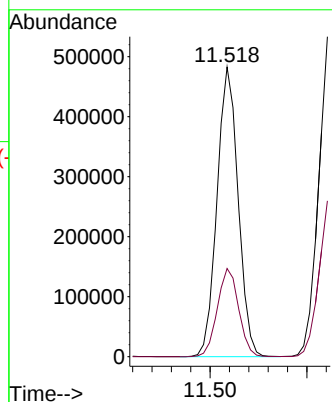
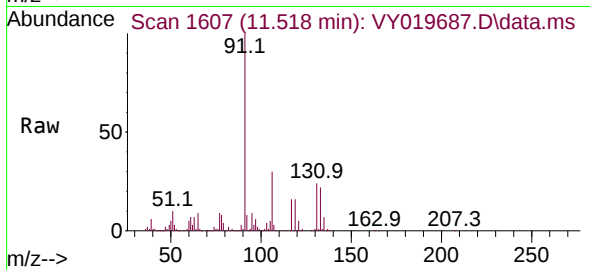
ClientSampleId :

Tgt Ion: 91 Resp: 730412

Ion Ratio Lower Upper

91 100

106 30.4 24.5 36.7



#68

m/p-Xylenes

Concen: 88.516 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019687.D

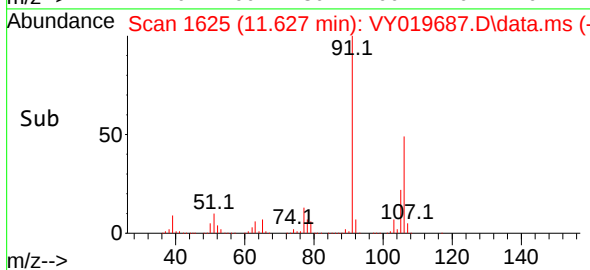
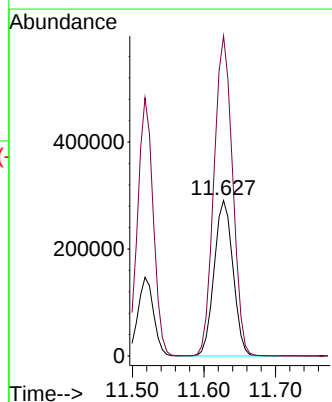
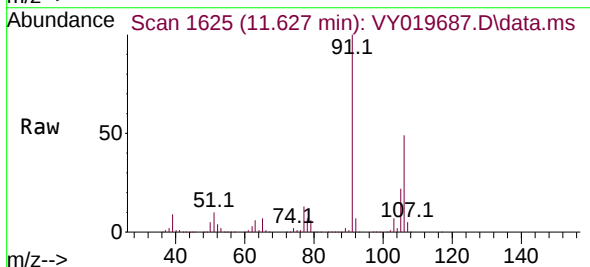
Acq: 24 Sep 2024 17:04

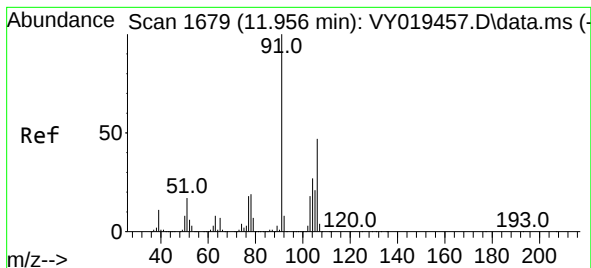
Tgt Ion:106 Resp: 531518

Ion Ratio Lower Upper

106 100

91 203.9 156.0 234.0

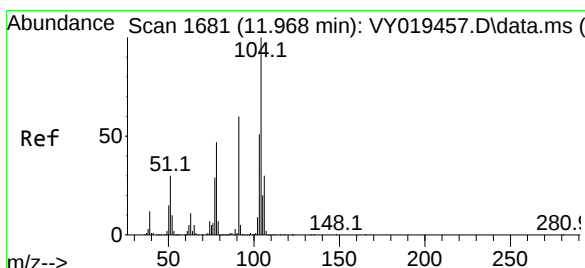
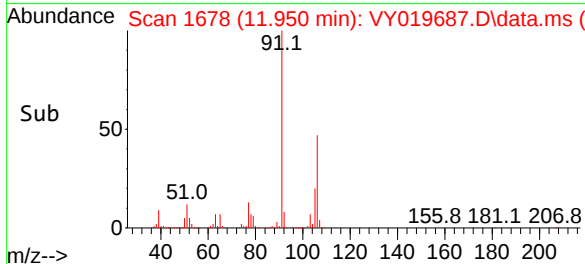
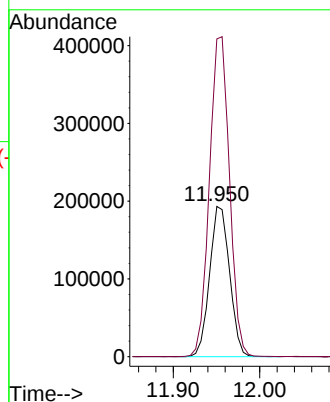
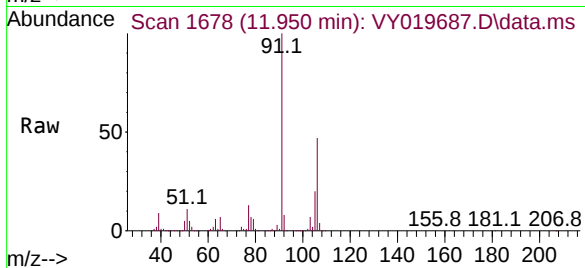




#69
o-Xylene
Concen: 52.613 ug/l
RT: 11.950 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

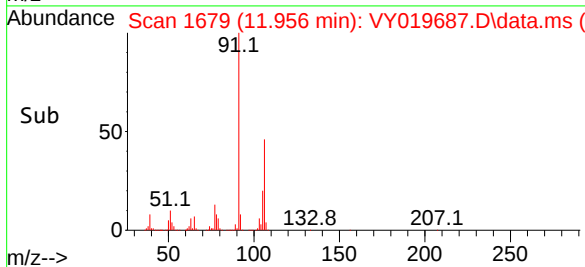
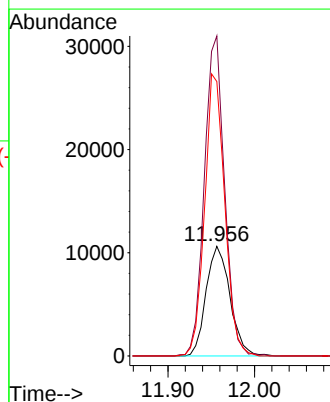
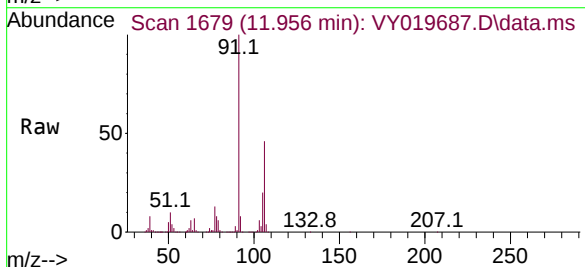
Instrument :
MSVOA_Y
ClientSampleId :

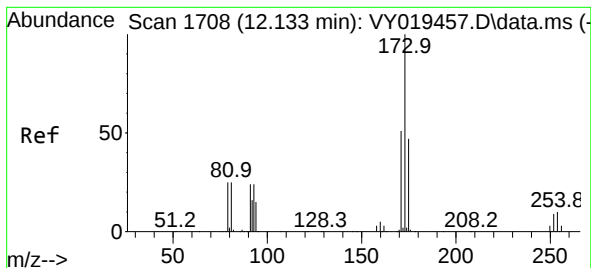
Tgt Ion:106 Resp: 308968
Ion Ratio Lower Upper
106 100
91 214.6 103.6 310.8



#70
Styrene
Concen: 2.059 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.012 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion:104 Resp: 20412
Ion Ratio Lower Upper
104 100
78 245.8 37.0 55.4#
103 216.4 44.2 66.2#





#71

Bromoform

Concen: 63.946 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

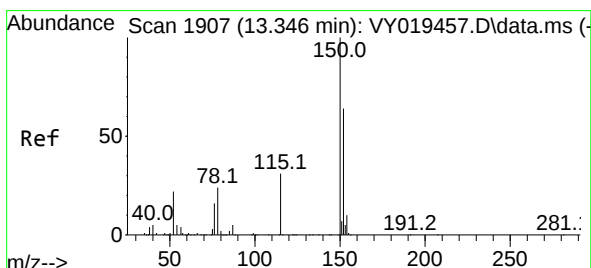
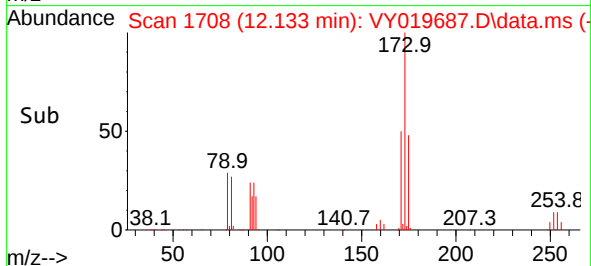
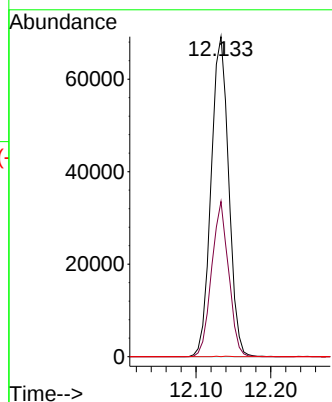
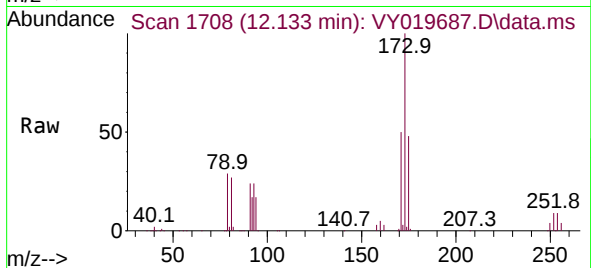
Tgt Ion:173 Resp: 113022

Ion Ratio Lower Upper

173 100

175 46.9 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

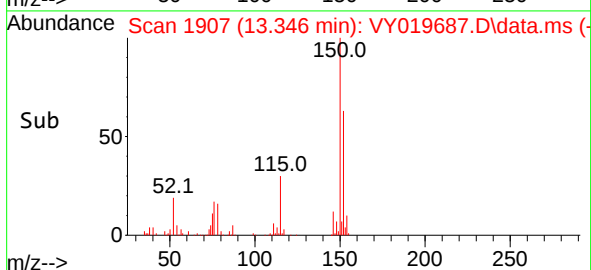
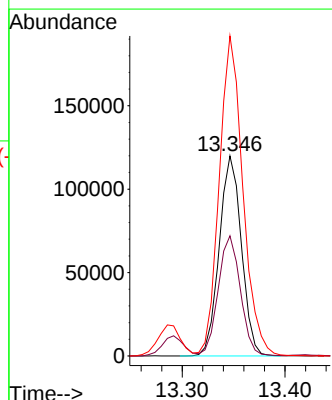
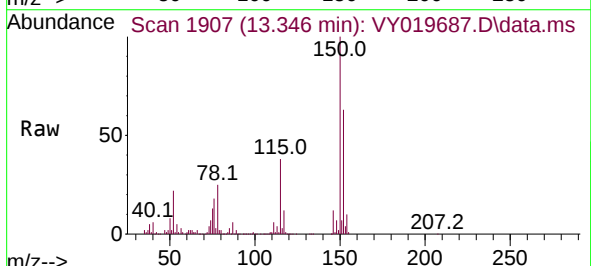
Tgt Ion:152 Resp: 179230

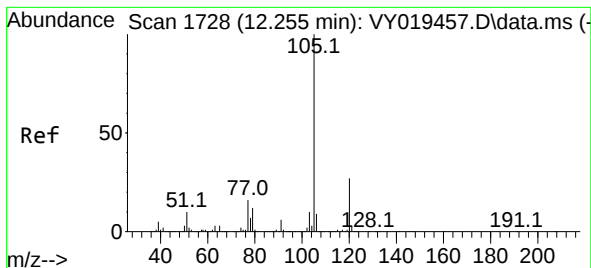
Ion Ratio Lower Upper

152 100

115 59.8 28.2 84.7

150 171.2 0.0 345.6





#73

Isopropylbenzene

Concen: 51.575 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

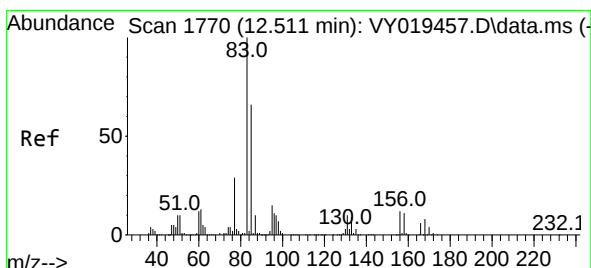
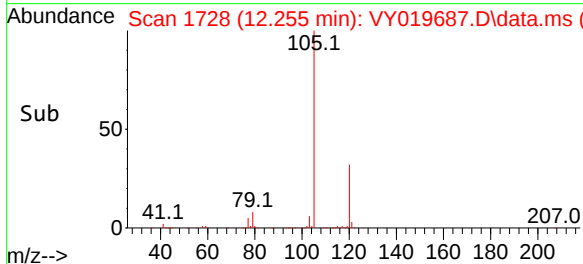
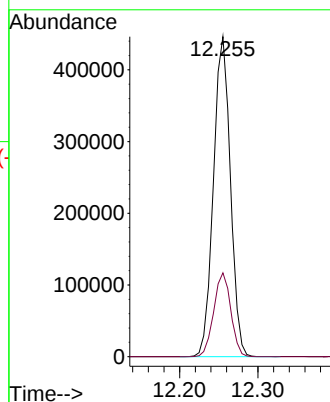
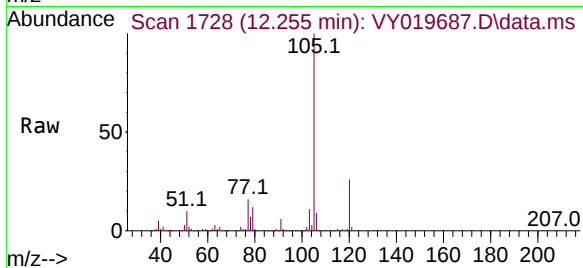
ClientSampleId :

Tgt Ion:105 Resp: 670605

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#75

1,1,2,2-Tetrachloroethane

Concen: 74.025 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

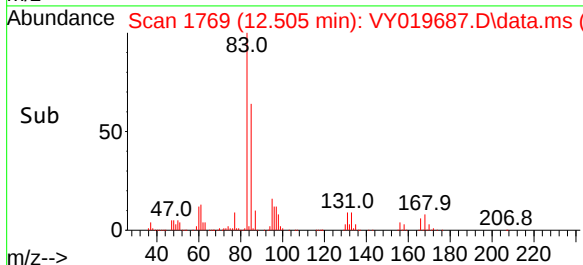
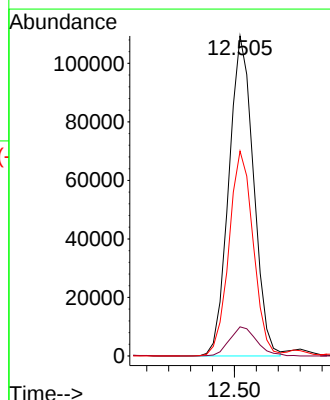
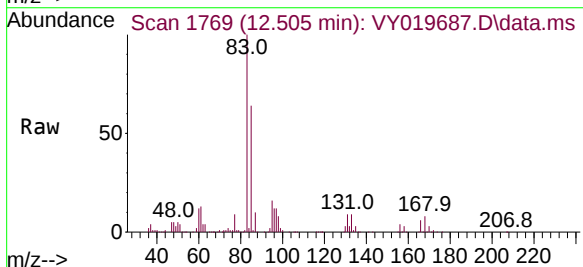
Tgt Ion: 83 Resp: 170843

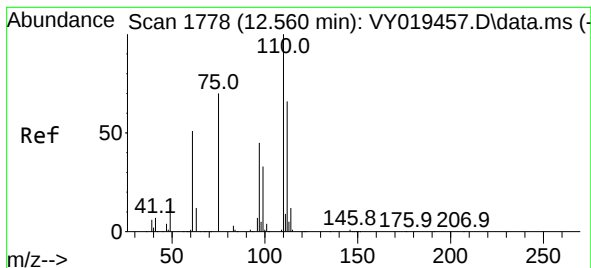
Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 63.0 32.0 96.0





#76

1,2,3-Trichloropropane

Concen: 99.028 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

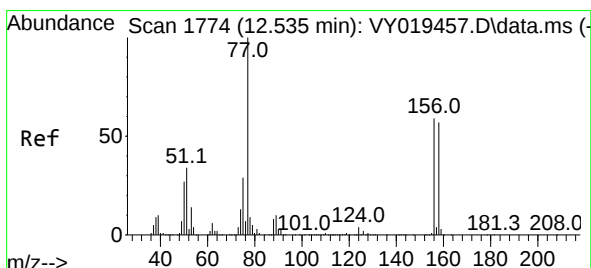
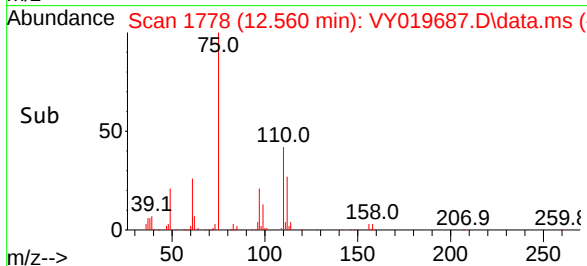
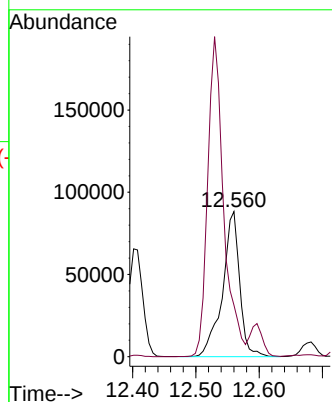
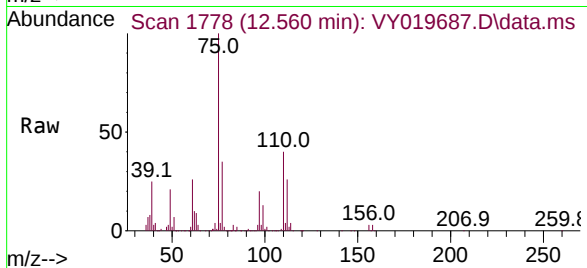
ClientSampleId :

Tgt Ion: 75 Resp: 166358

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#77

Bromobenzene

Concen: 64.068 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

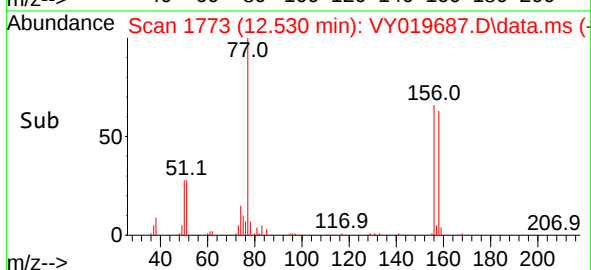
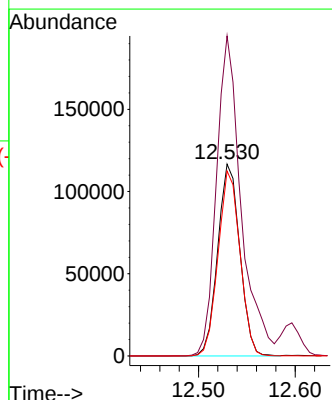
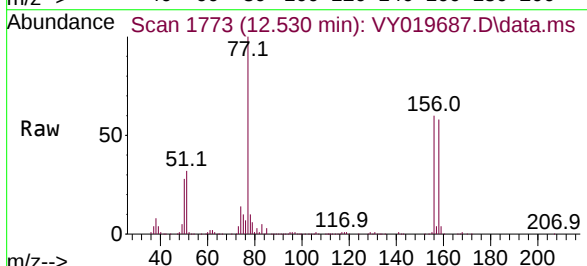
Tgt Ion: 156 Resp: 184759

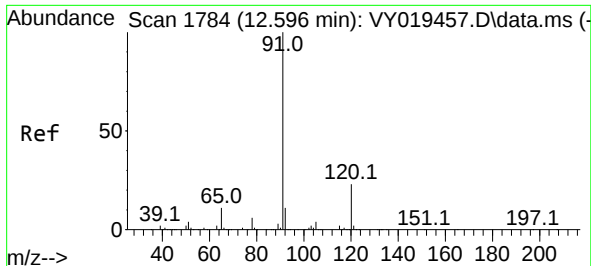
Ion Ratio Lower Upper

156 100

77 186.3 87.1 261.3

158 95.6 48.6 145.9

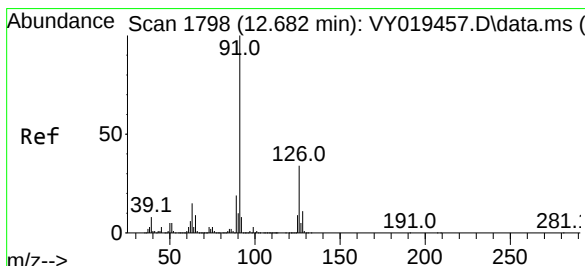
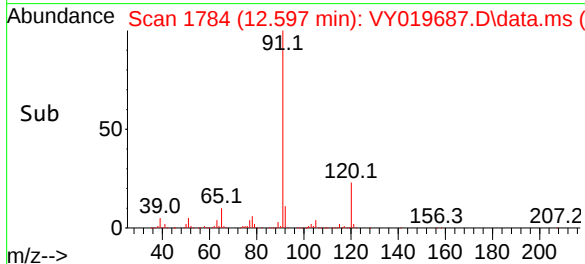
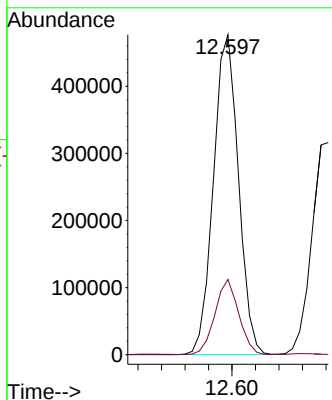
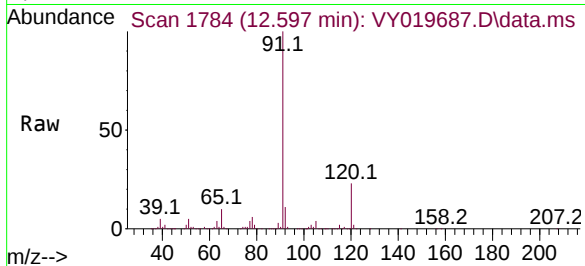




#78
n-propylbenzene
Concen: 45.628 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

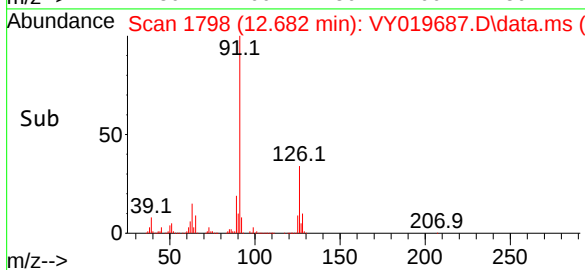
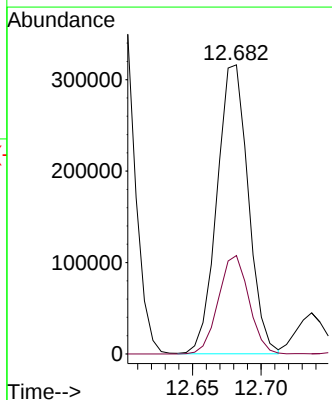
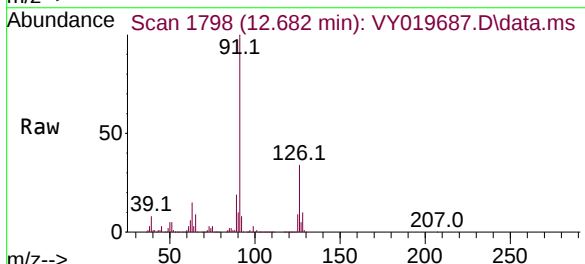
Instrument :
MSVOA_Y
ClientSampleId :

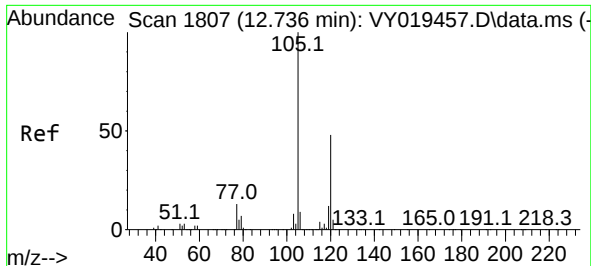
Tgt Ion: 91 Resp: 703200
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4



#79
2-Chlorotoluene
Concen: 55.920 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion: 91 Resp: 502244
Ion Ratio Lower Upper
91 100
126 33.2 17.8 53.5

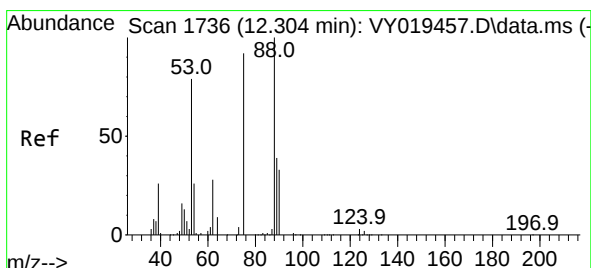
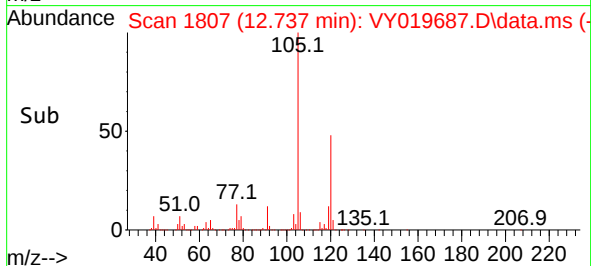
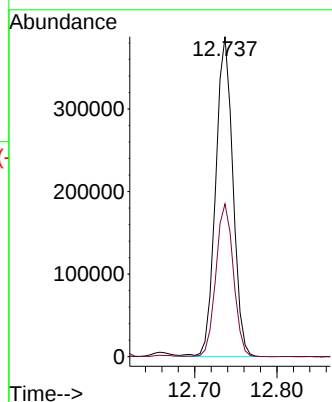
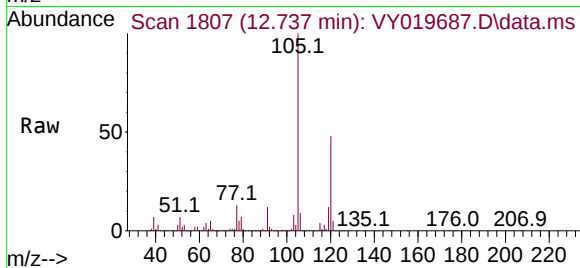




#80
 1,3,5-Trimethylbenzene
 Concen: 53.280 ug/l
 RT: 12.737 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY019687.D
 Acq: 24 Sep 2024 17:04

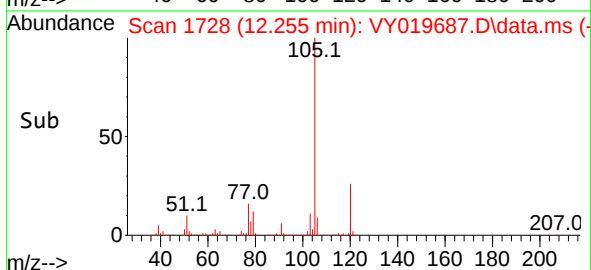
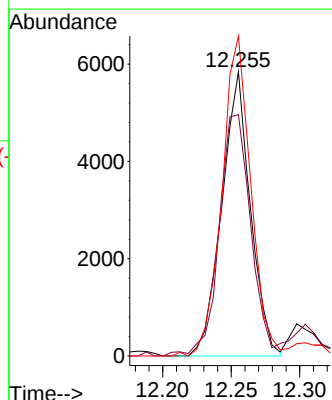
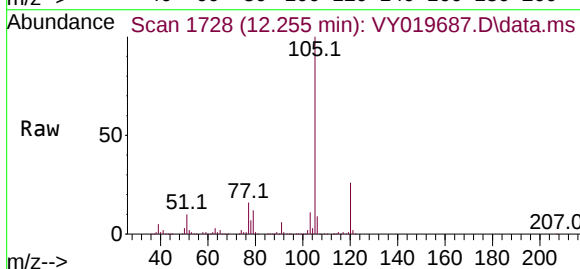
Instrument :
 MSVOA_Y
 ClientSampleId :

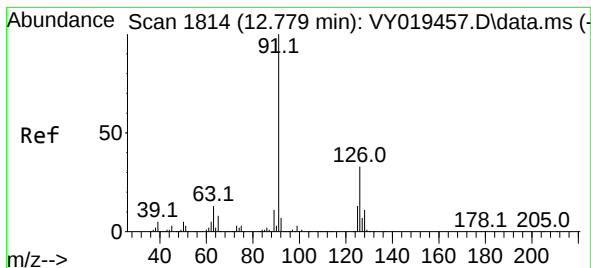
Tgt Ion:105 Resp: 563197
 Ion Ratio Lower Upper
 105 100
 120 48.6 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 9.678 ug/l
 RT: 12.255 min Scan# 1728
 Delta R.T. -0.048 min
 Lab File: VY019687.D
 Acq: 24 Sep 2024 17:04

Tgt Ion: 75 Resp: 8469
 Ion Ratio Lower Upper
 75 100
 53 94.2 66.8 100.2
 89 113.9 35.8 53.6#





#82

4-Chlorotoluene

Concen: 46.816 ug/l

RT: 12.780 min Scan# 1814

Delta R.T. 0.000 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

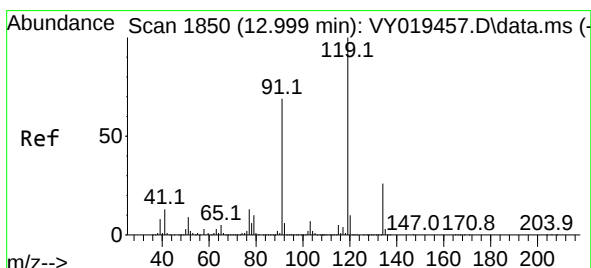
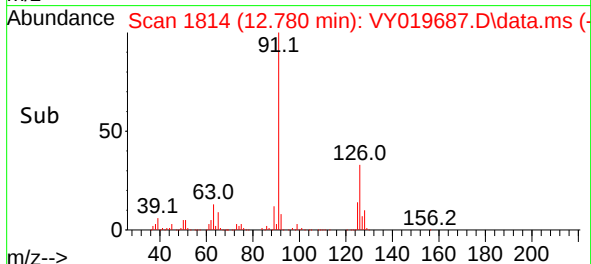
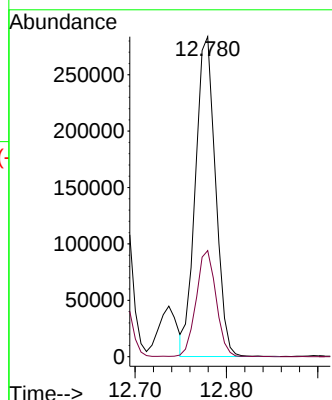
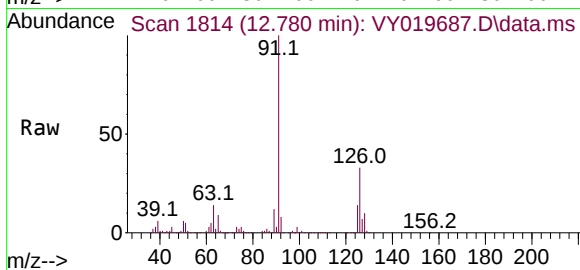
ClientSampleId :

Tgt Ion: 91 Resp: 432280

Ion Ratio Lower Upper

91 100

126 33.1 17.6 52.9



#83

tert-Butylbenzene

Concen: 52.333 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

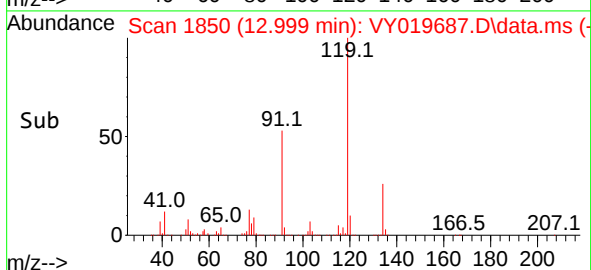
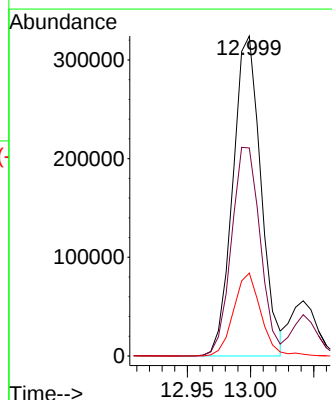
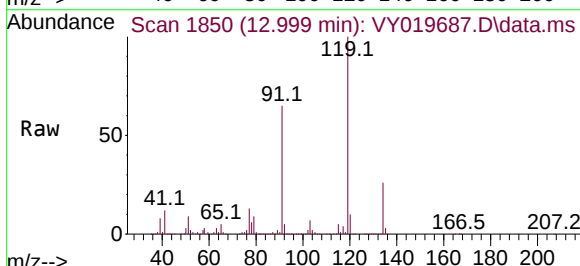
Tgt Ion: 119 Resp: 500796

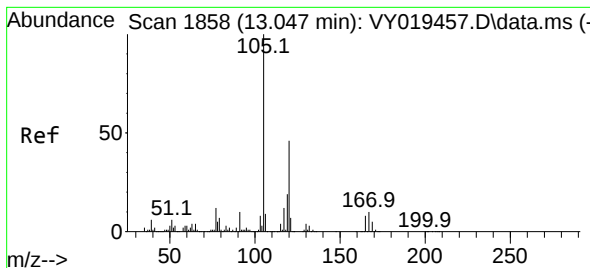
Ion Ratio Lower Upper

119 100

91 67.1 31.3 93.8

134 25.3 13.4 40.1





#84

1,2,4-Trimethylbenzene

Concen: 54.740 ug/l

RT: 13.042 min Scan# 1858

Delta R.T. -0.006 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

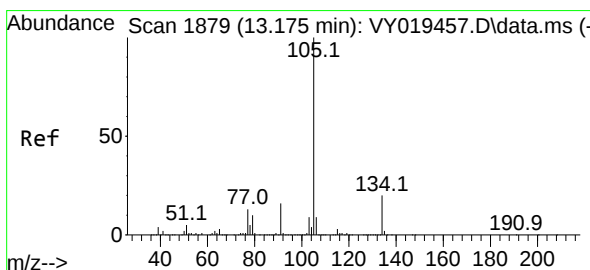
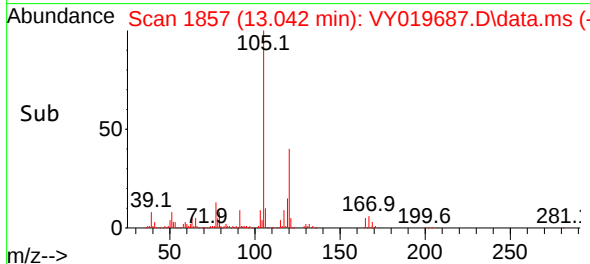
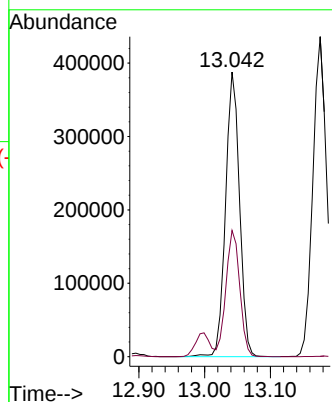
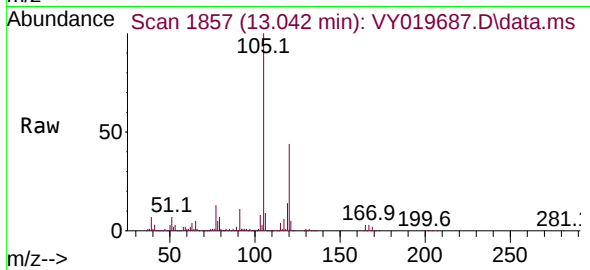
ClientSampleId :

Tgt Ion:105 Resp: 572766

Ion Ratio Lower Upper

105 100

120 43.8 23.2 69.6



#85

sec-Butylbenzene

Concen: 45.488 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019687.D

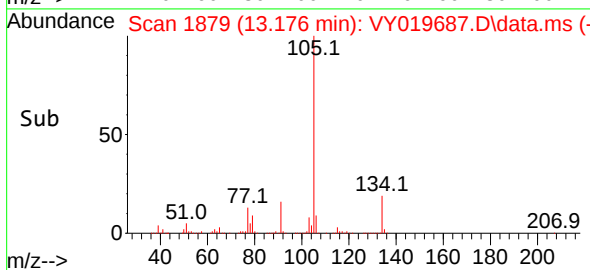
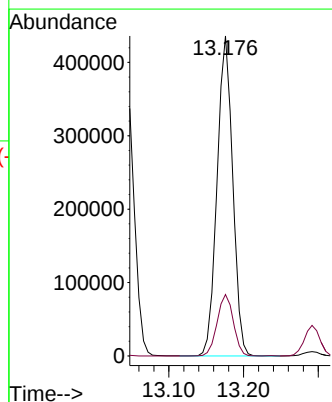
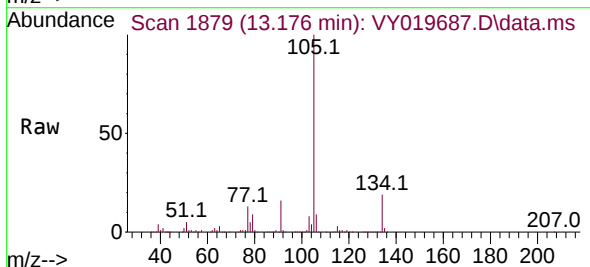
Acq: 24 Sep 2024 17:04

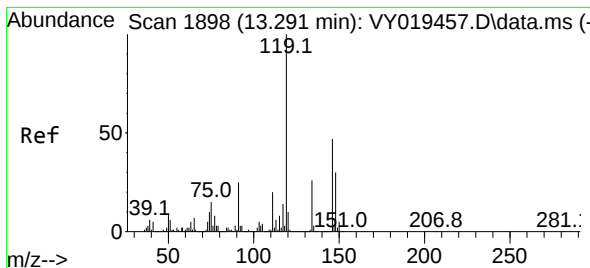
Tgt Ion:105 Resp: 632365

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1





#86

p-Isopropyltoluene

Concen: 20.331 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

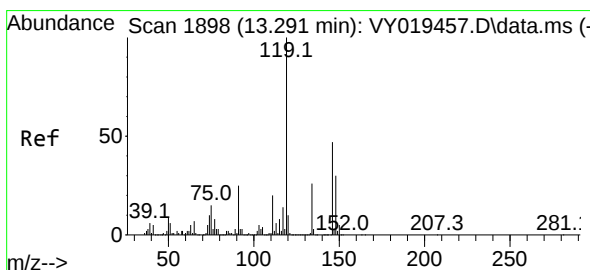
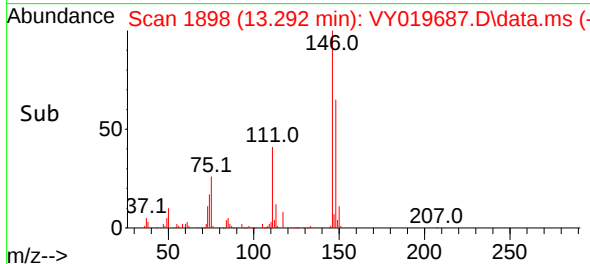
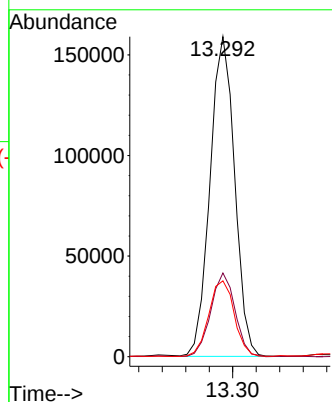
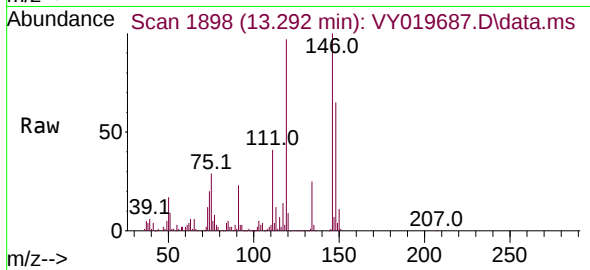
Tgt Ion:119 Resp: 231243

Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 24.5 10.7 32.1



#87

1,3-Dichlorobenzene

Concen: 50.009 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

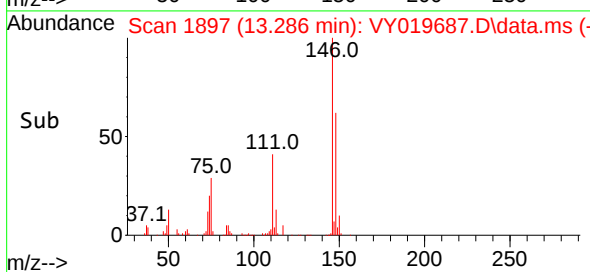
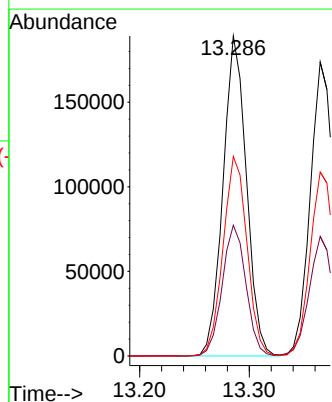
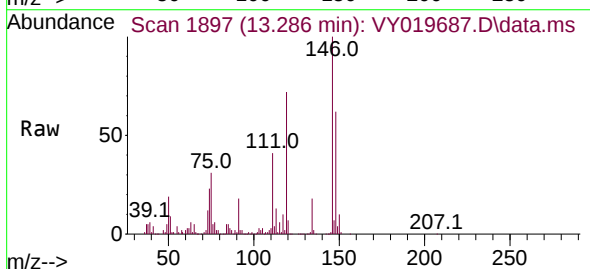
Tgt Ion:146 Resp: 280228

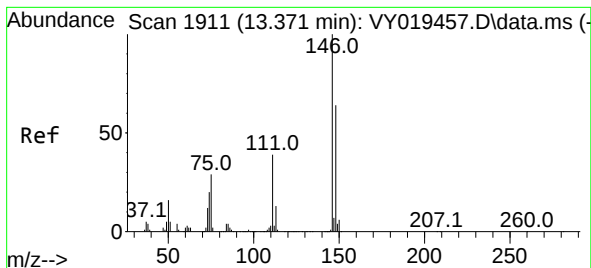
Ion Ratio Lower Upper

146 100

111 41.3 19.0 57.0

148 63.9 31.7 95.1





#88

1,4-Dichlorobenzene

Concen: 47.243 ug/l

RT: 13.365 min Scan# 1911

Delta R.T. -0.006 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

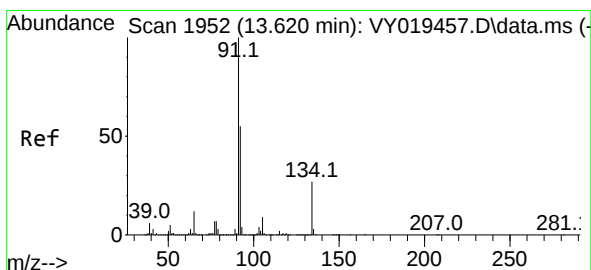
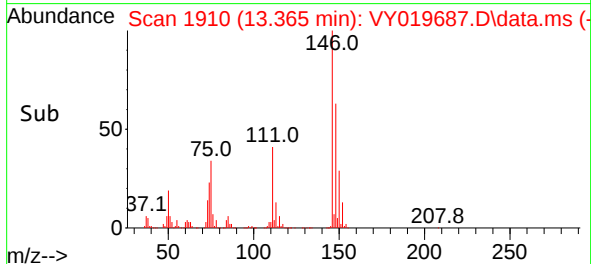
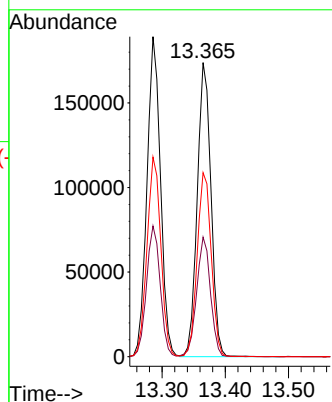
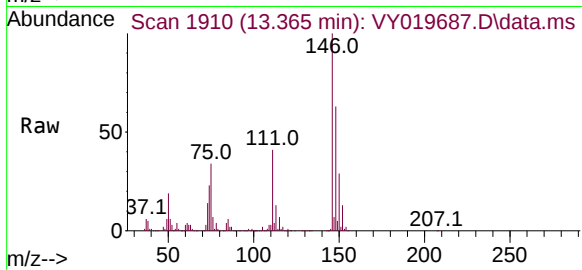
Tgt Ion:146 Resp: 262723

Ion Ratio Lower Upper

146 100

111 40.8 18.4 55.4

148 64.1 32.4 97.2



#89

n-Butylbenzene

Concen: 31.068 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

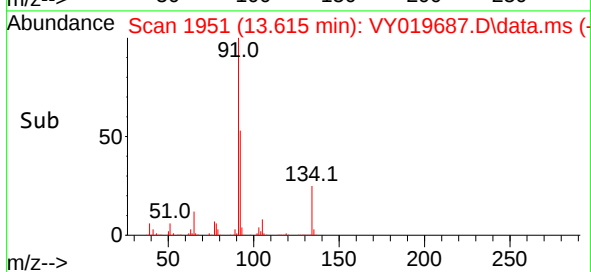
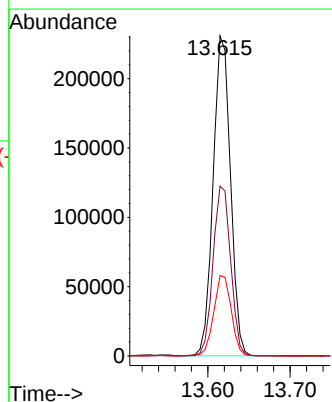
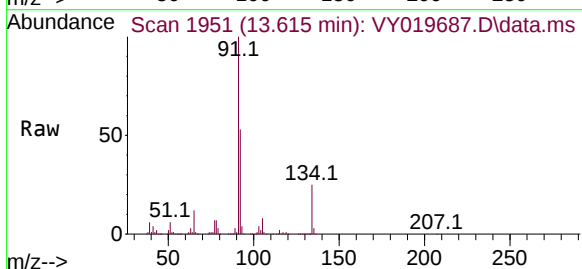
Tgt Ion: 91 Resp: 337816

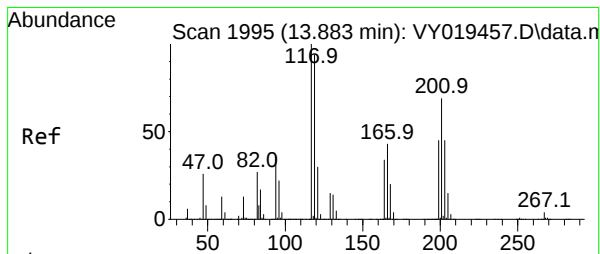
Ion Ratio Lower Upper

91 100

92 53.8 26.6 79.7

134 25.5 12.9 38.7

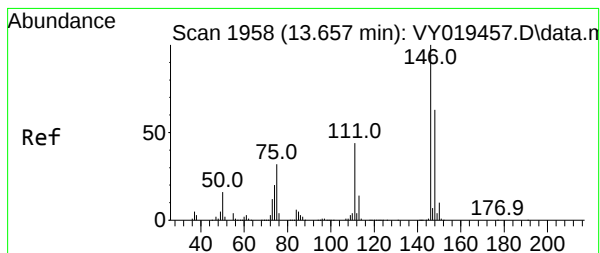
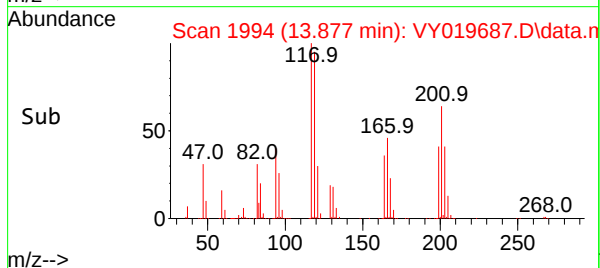
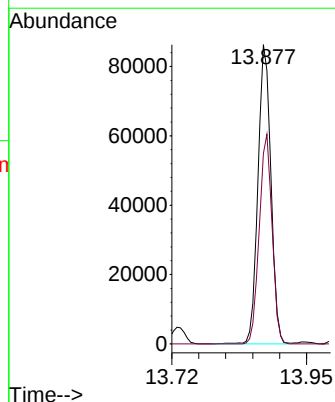
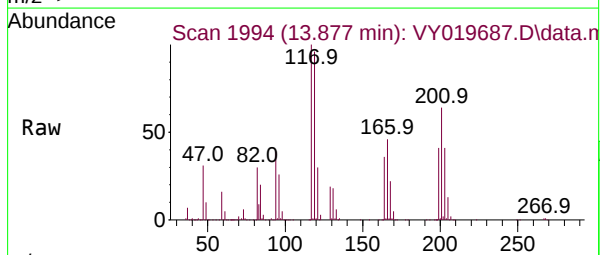




#90
Hexachloroethane
Concen: 57.718 ug/l
RT: 13.877 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

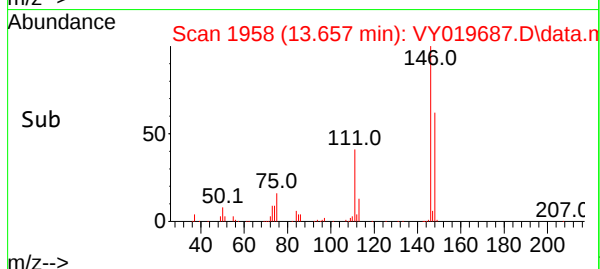
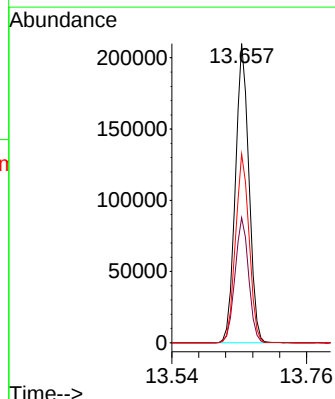
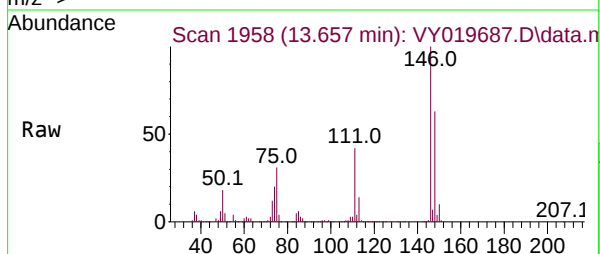
Instrument :
MSVOA_Y
ClientSampleId :

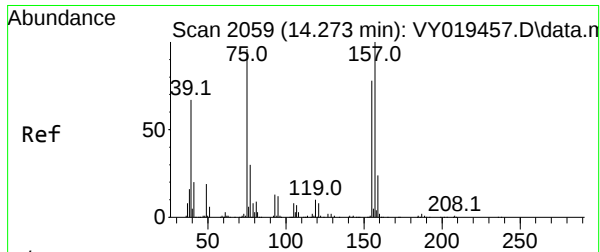
Tgt Ion:117 Resp: 136595
Ion Ratio Lower Upper
117 100
201 69.4 37.4 112.2



#91
1,2-Dichlorobenzene
Concen: 63.632 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion:146 Resp: 318186
Ion Ratio Lower Upper
146 100
111 42.0 19.9 59.7
148 63.4 31.8 95.4

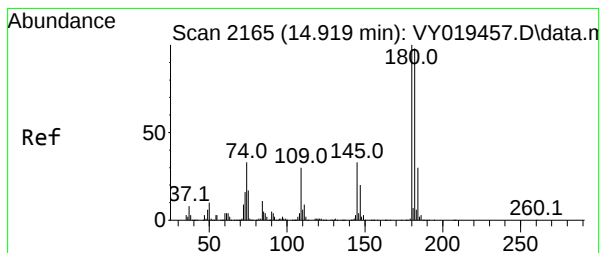
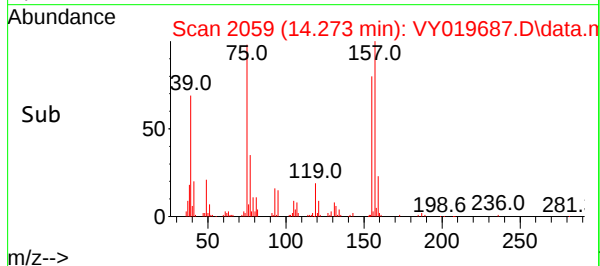
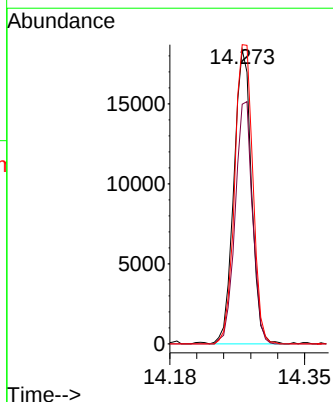
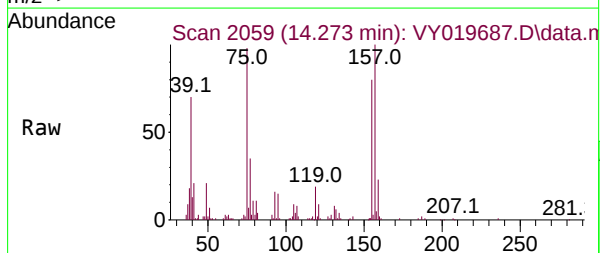




#92
1,2-Dibromo-3-Chloropropane
Concen: 76.534 ug/l
RT: 14.273 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

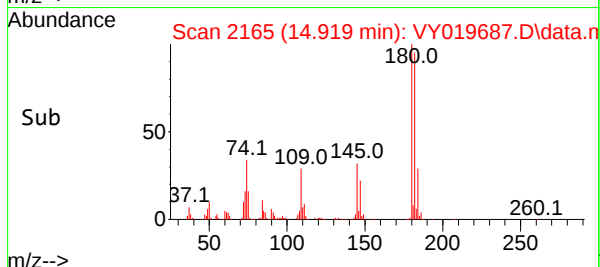
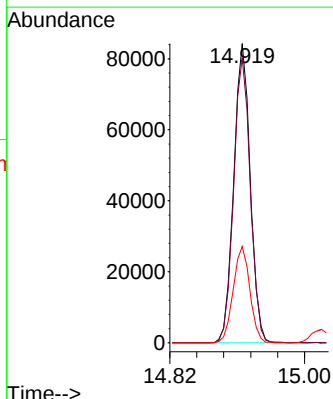
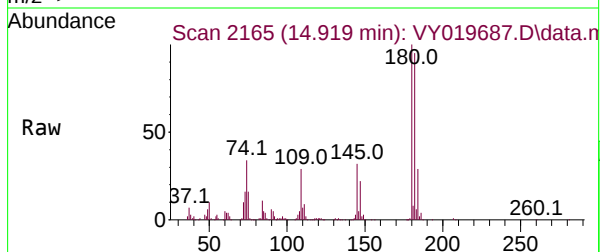
Instrument :
MSVOA_Y
ClientSampleId :

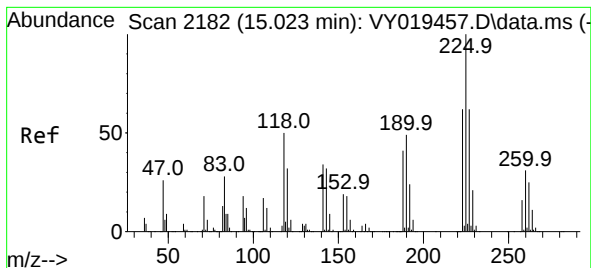
Tgt Ion: 75 Resp: 29438
Ion Ratio Lower Upper
75 100
155 81.2 48.6 145.8
157 104.6 62.7 188.2



#93
1,2,4-Trichlorobenzene
Concen: 41.434 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY019687.D
Acq: 24 Sep 2024 17:04

Tgt Ion: 180 Resp: 126014
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.8
145 32.5 14.2 42.6





#94

Hexachlorobutadiene

Concen: 32.582 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019687.D

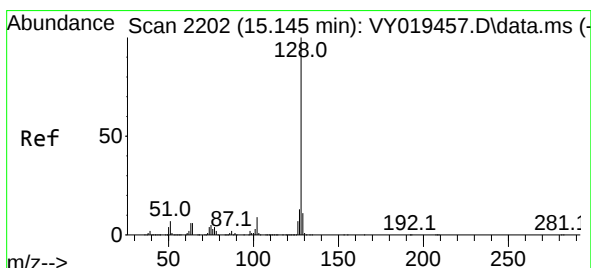
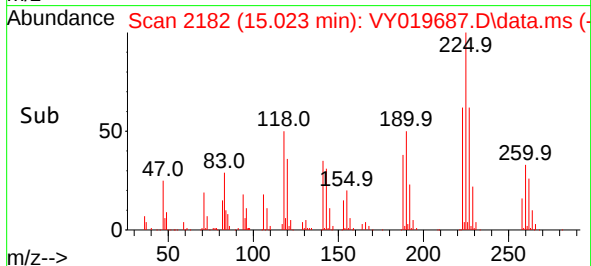
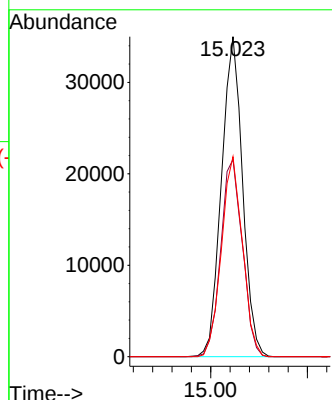
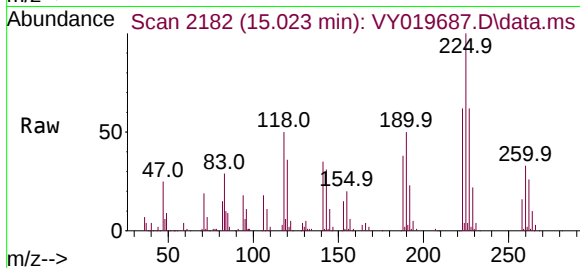
Acq: 24 Sep 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	225	Resp:	52936
Ion	Ratio	Lower	Upper
225	100		
223	63.3	30.4	91.2
227	62.5	31.9	95.9



#95

Naphthalene

Concen: 241.480 ug/l

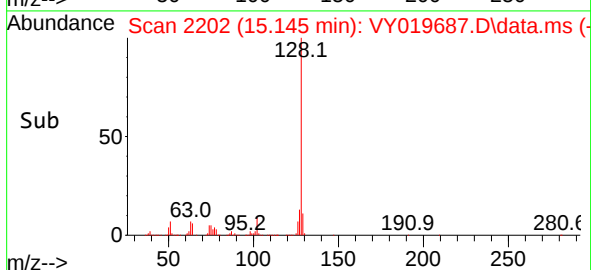
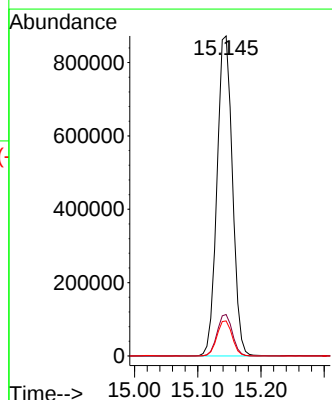
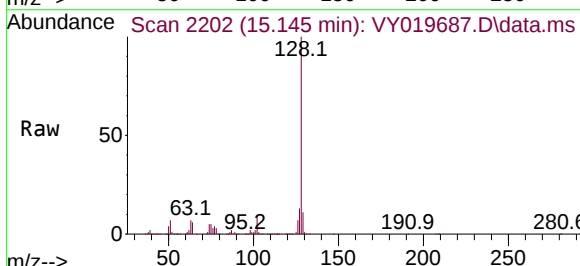
RT: 15.145 min Scan# 2202

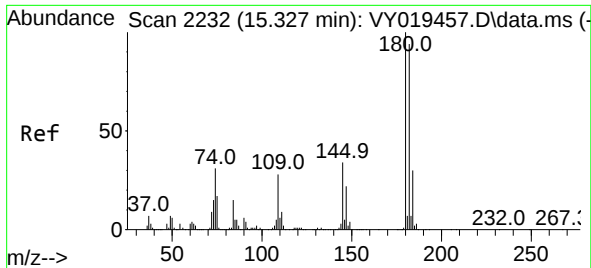
Delta R.T. 0.000 min

Lab File: VY019687.D

Acq: 24 Sep 2024 17:04

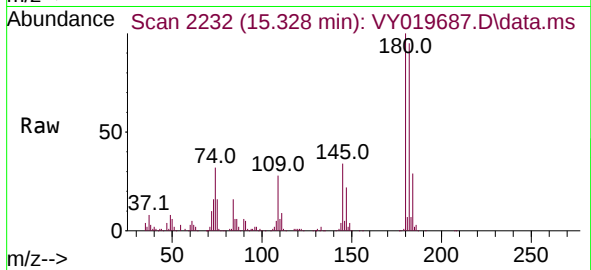
Tgt Ion:	128	Resp:	1470716
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.9	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 55.966 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019687.D
 Acq: 24 Sep 2024 17:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	145591
Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.6	142.9
145	34.9	15.4	46.1

