

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021325\
 Data File : VY021187.D
 Acq On : 13 Feb 2025 10:45
 Operator : SY/MD
 Sample : VY0213SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 14 00:38:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	131836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	205073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	178797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	92132	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	64070	47.432	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.860%
35) Dibromofluoromethane	7.640	113	59913	45.587	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.180%
50) Toluene-d8	10.115	98	226390	45.247	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.500%
62) 4-Bromofluorobenzene	12.414	95	78102	47.781	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	20628	17.555	ug/l	98
3) Chloromethane	2.074	50	18494	15.950	ug/l	99
4) Vinyl Chloride	2.208	62	19083	16.351	ug/l	98
5) Bromomethane	2.598	94	11608	16.093	ug/l	92
6) Chloroethane	2.739	64	12813	18.443	ug/l	96
7) Trichlorofluoromethane	3.068	101	40411	19.006	ug/l	99
8) Diethyl Ether	3.458	74	13003	19.590	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.824	101	27183	20.370	ug/l	96
10) Methyl Iodide	4.007	142	23633	15.941	ug/l	92
11) Tert butyl alcohol	4.872	59	10989	120.052	ug/l #	87
12) 1,1-Dichloroethene	3.799	96	22356	17.785	ug/l	93
13) Acrolein	3.659	56	12801	90.817	ug/l	96
14) Allyl chloride	4.391	41	41189	19.442	ug/l	93
15) Acrylonitrile	5.067	53	32323	116.944	ug/l	100
16) Acetone	3.885	43	24839	117.917	ug/l	89
17) Carbon Disulfide	4.110	76	45648	11.581	ug/l	100
18) Methyl Acetate	4.397	43	16453	22.250	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	71251	22.426	ug/l	97
20) Methylene Chloride	4.622	84	26129	19.953	ug/l	92
21) trans-1,2-Dichloroethene	5.122	96	24468	17.683	ug/l	96
22) Diisopropyl ether	6.025	45	98863	22.640	ug/l	98
23) Vinyl Acetate	5.970	43	269518	110.717	ug/l	99
24) 1,1-Dichloroethane	5.921	63	53775	21.019	ug/l	97
25) 2-Butanone	6.896	43	42133	121.718	ug/l	91
26) 2,2-Dichloropropane	6.890	77	50968	21.530	ug/l	96
27) cis-1,2-Dichloroethene	6.896	96	32234	20.239	ug/l	91
28) Bromochloromethane	7.250	49	21739	21.488	ug/l	98
29) Tetrahydrofuran	7.268	42	27407	117.009	ug/l	93
30) Chloroform	7.427	83	57640	21.934	ug/l	99
31) Cyclohexane	7.707	56	40102	17.406	ug/l #	96
32) 1,1,1-Trichloroethane	7.628	97	53111	21.738	ug/l	99
36) 1,1-Dichloropropene	7.841	75	36506	18.753	ug/l	99
37) Ethyl Acetate	6.988	43	19440	22.764	ug/l	98
38) Carbon Tetrachloride	7.829	117	47886	21.053	ug/l	98
39) Methylcyclohexane	9.116	83	41832	17.568	ug/l	98
40) Benzene	8.085	78	113872	19.933	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	11030	22.326	ug/l	96
42) 1,2-Dichloroethane	8.165	62	35276	22.260	ug/l	95
43) Isopropyl Acetate	8.207	43	39730	23.414	ug/l	95
44) Trichloroethene	8.872	130	28380	19.229	ug/l	99
45) 1,2-Dichloropropane	9.146	63	28987	21.378	ug/l	93
46) Dibromomethane	9.237	93	16183	21.556	ug/l	94
47) Bromodichloromethane	9.433	83	45127	22.413	ug/l	99
48) Methyl methacrylate	9.225	41	17120	22.150	ug/l	95
49) 1,4-Dioxane	9.237	88	3501	500.947	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	103702	121.532	ug/l	95
52) Toluene	10.176	92	73998	20.630	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	40207	22.240	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	46307	21.633	ug/l	93
55) 1,1,2-Trichloroethane	10.579	97	21846	22.472	ug/l	98
56) Ethyl methacrylate	10.445	69	28811	22.153	ug/l #	87
57) 1,3-Dichloropropane	10.719	76	37547	22.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	64759	104.666	ug/l	98
59) 2-Hexanone	10.768	43	66752	121.500	ug/l	94
60) Dibromochloromethane	10.914	129	30589	22.406	ug/l	99
61) 1,2-Dibromoethane	11.018	107	19849	21.798	ug/l	99
64) Tetrachloroethene	10.652	164	25659	19.332	ug/l	97
65) Chlorobenzene	11.451	112	82947	20.835	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	31036	21.936	ug/l	97
67) Ethyl Benzene	11.524	91	146398	20.790	ug/l	99
68) m/p-Xylenes	11.633	106	109851	41.700	ug/l	97
69) o-Xylene	11.963	106	51679	21.042	ug/l	97
70) Styrene	11.975	104	89233	21.799	ug/l	98
71) Bromoform	12.139	173	17880	22.704	ug/l #	98
73) Isopropylbenzene	12.261	105	144764	20.115	ug/l	99
74) N-amyl acetate	12.078	43	34610	21.997	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	26766	22.362	ug/l	95
76) 1,2,3-Trichloropropane	12.566	75	34240	40.969	ug/l #	100
77) Bromobenzene	12.536	156	33774	20.336	ug/l	95
78) n-propylbenzene	12.603	91	176702	20.611	ug/l	99
79) 2-Chlorotoluene	12.688	91	100931	20.555	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	120012	20.568	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	8905	21.741	ug/l	93
82) 4-Chlorotoluene	12.786	91	103529	20.694	ug/l	100
83) tert-Butylbenzene	13.005	119	111321	20.989	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	117231	20.548	ug/l	99
85) sec-Butylbenzene	13.182	105	160016	20.960	ug/l	97
86) p-Isopropyltoluene	13.298	119	136432	21.513	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	67395	21.017	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	67813	21.477	ug/l	99
89) n-Butylbenzene	13.627	91	124852	21.580	ug/l	100
90) Hexachloroethane	13.889	117	28592	21.611	ug/l	90
91) 1,2-Dichlorobenzene	13.664	146	59373	21.332	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4019	22.470	ug/l	97
93) 1,2,4-Trichlorobenzene	14.932	180	33067	21.344	ug/l	99
94) Hexachlorobutadiene	15.029	225	23006	22.409	ug/l	99
95) Naphthalene	15.151	128	55265	22.297	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	28983	22.480	ug/l	98

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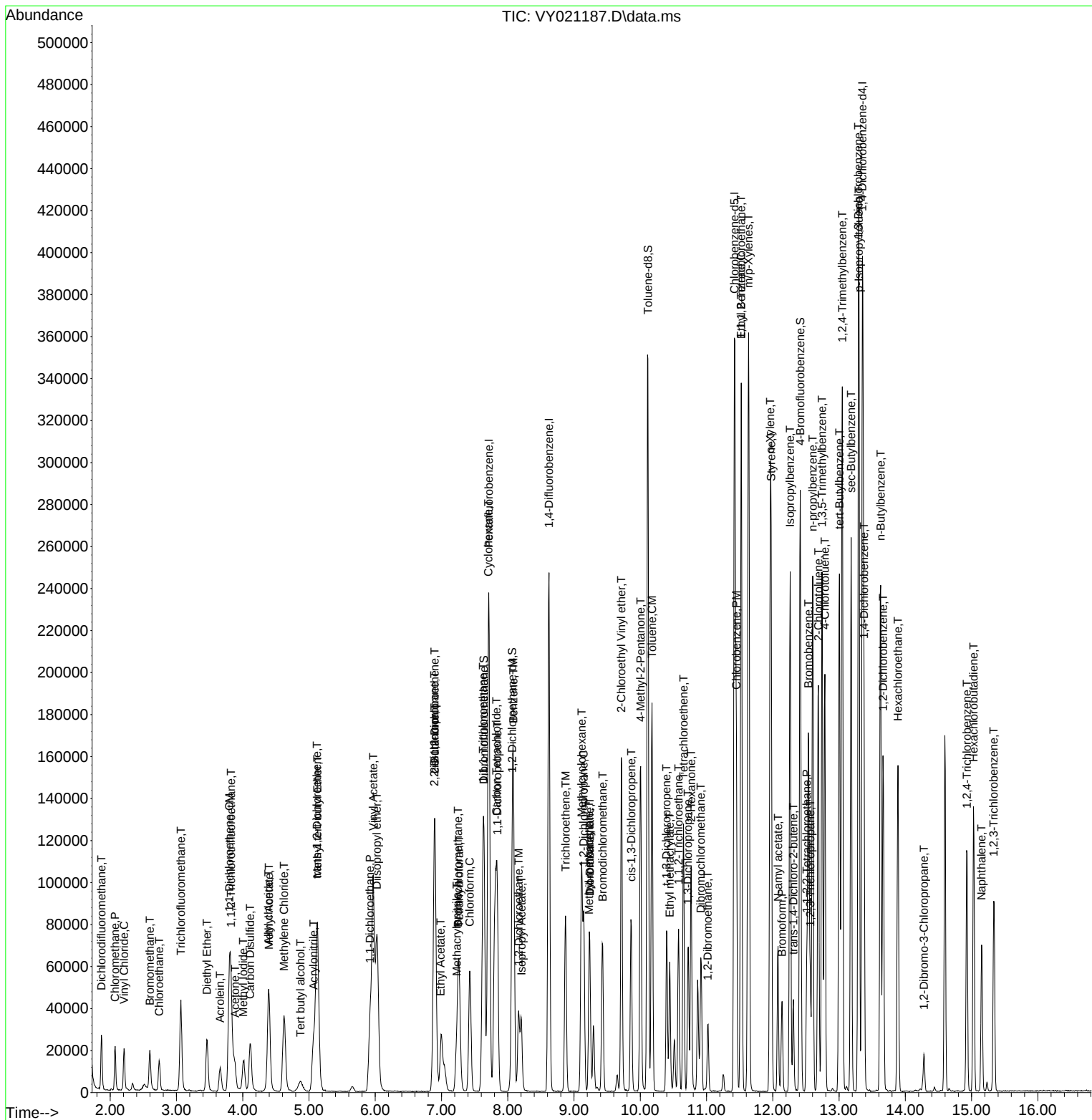
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MSVOA_Y
ClientSampleId :

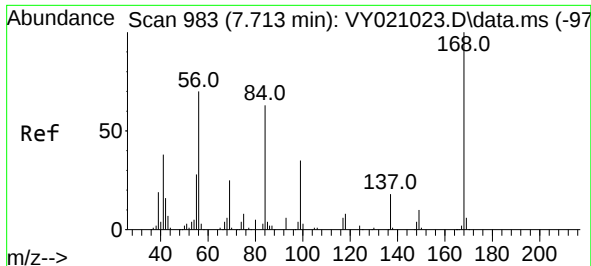
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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

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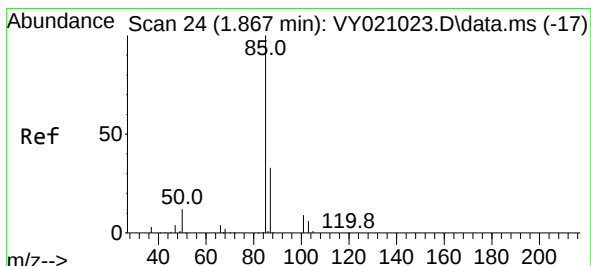
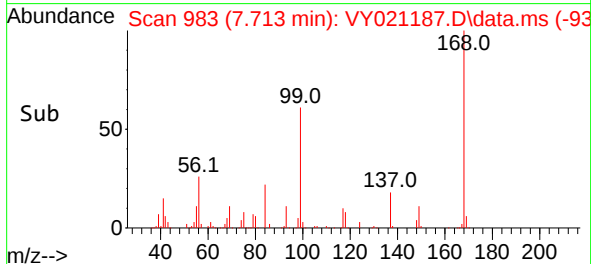
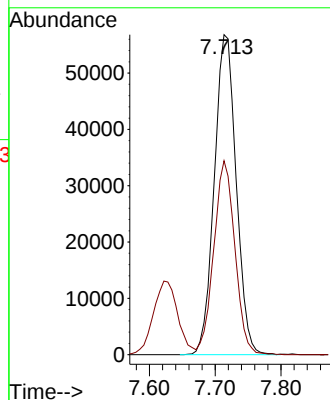
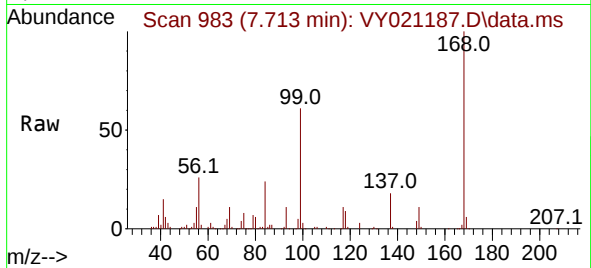




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021187.D
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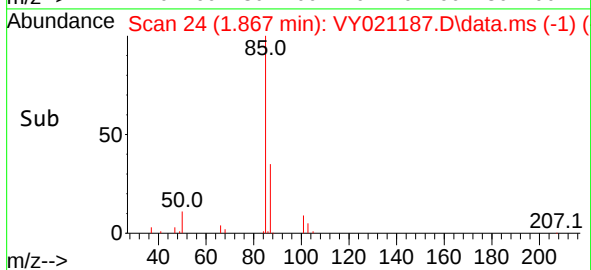
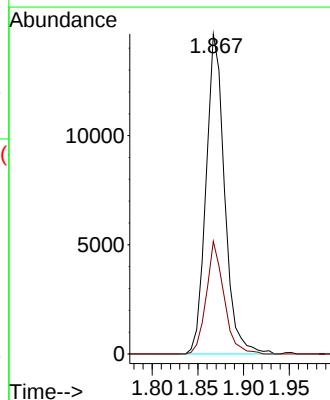
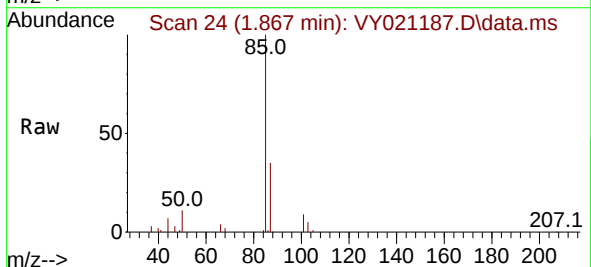
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ClientSampleId :

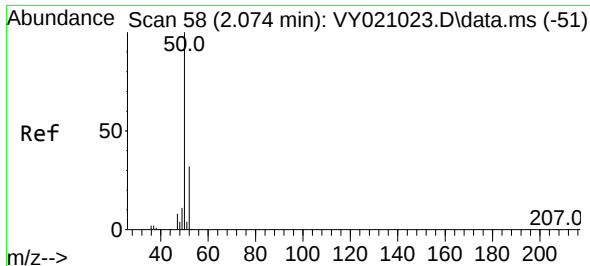
Tgt Ion:168 Resp: 131836
Ion Ratio Lower Upper
168 100
99 60.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 17.555 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion: 85 Resp: 20628
Ion Ratio Lower Upper
85 100
87 35.2 17.1 51.3

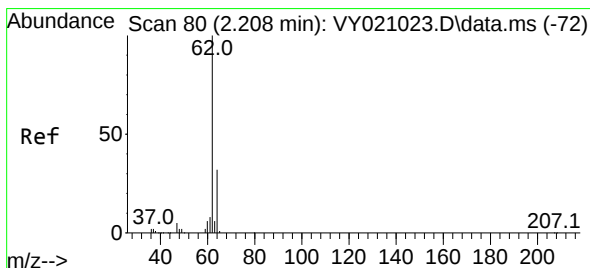
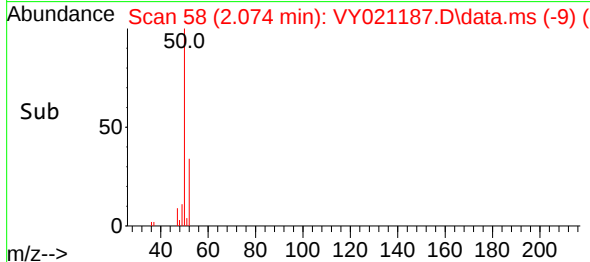
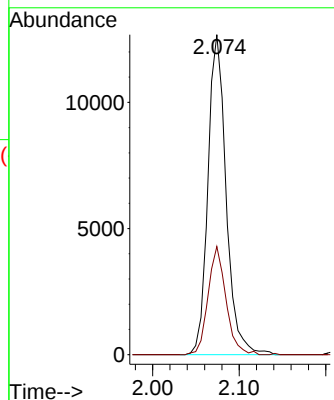
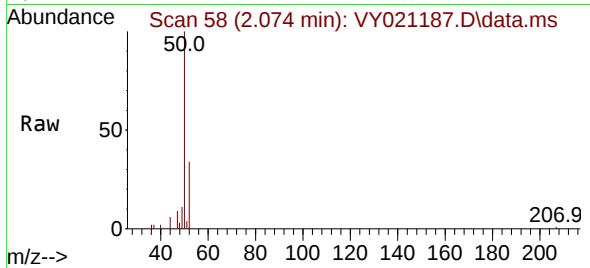




#3
Chloromethane
Concen: 15.950 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

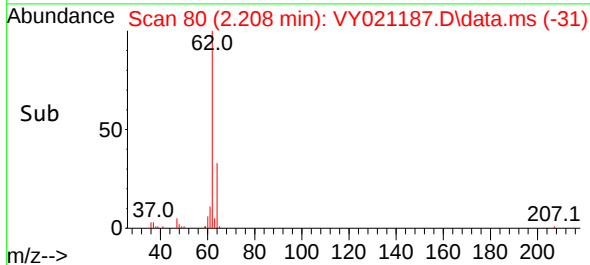
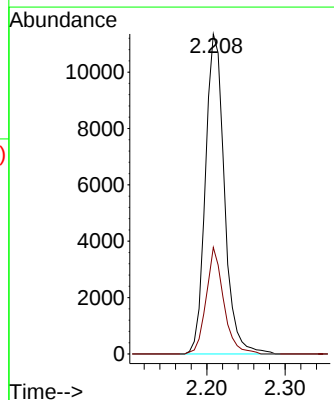
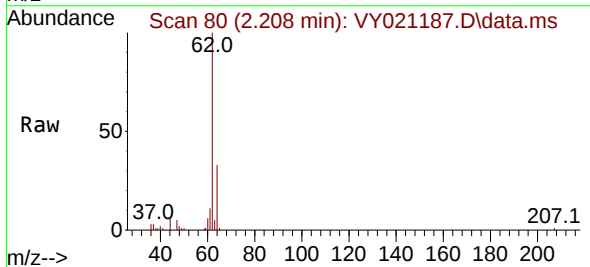
Instrument :
MSVOA_Y
ClientSampleId :

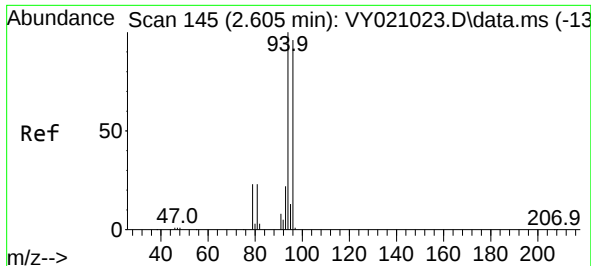
Tgt Ion: 50 Resp: 18494
Ion Ratio Lower Upper
50 100
52 33.8 26.7 40.1



#4
Vinyl Chloride
Concen: 16.351 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion: 62 Resp: 19083
Ion Ratio Lower Upper
62 100
64 33.3 25.7 38.5

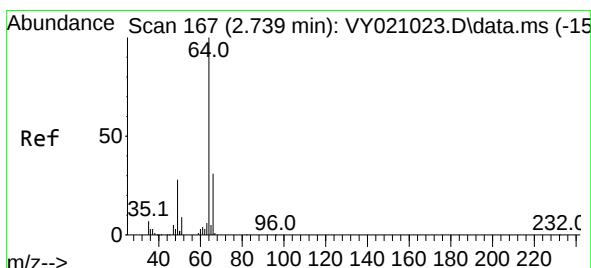
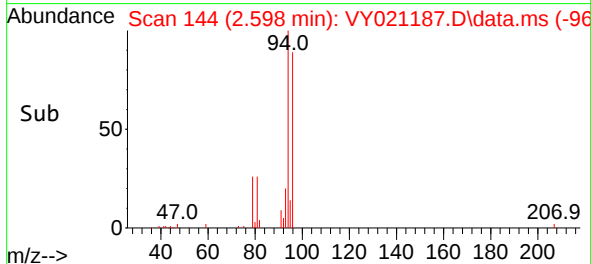
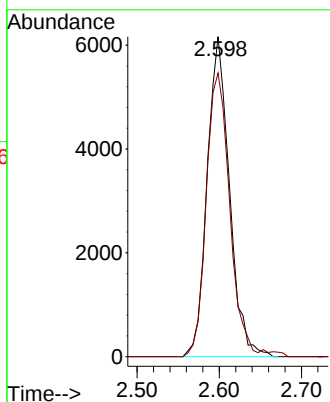
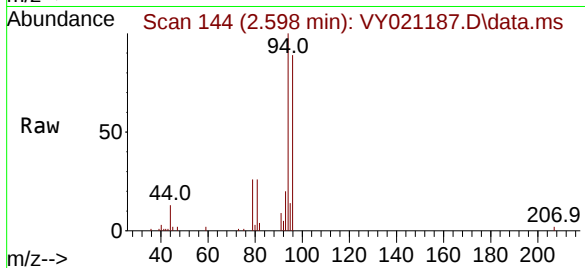




#5
Bromomethane
Concen: 16.093 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

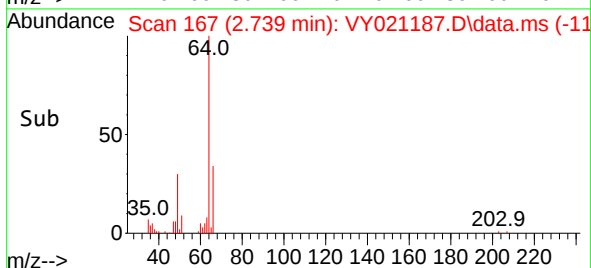
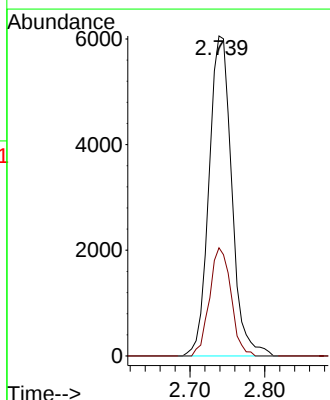
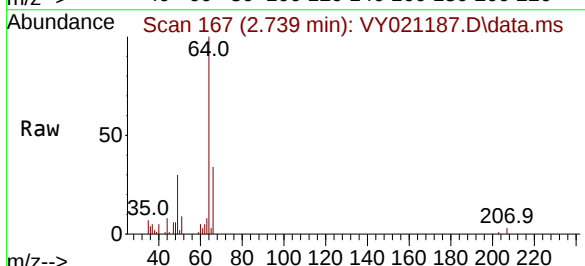
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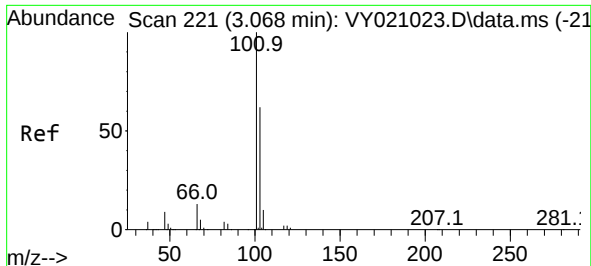
Tgt Ion: 94 Resp: 11608
Ion Ratio Lower Upper
94 100
96 88.7 77.3 115.9



#6
Chloroethane
Concen: 18.443 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion: 64 Resp: 12813
Ion Ratio Lower Upper
64 100
66 33.8 25.1 37.7

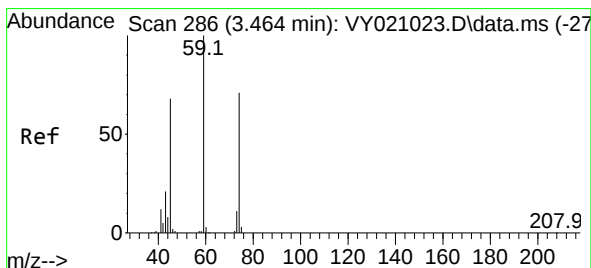
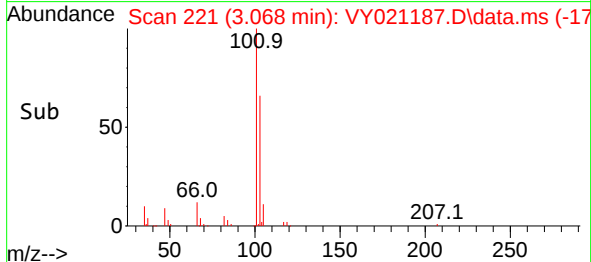
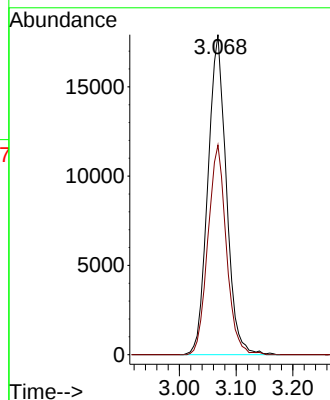
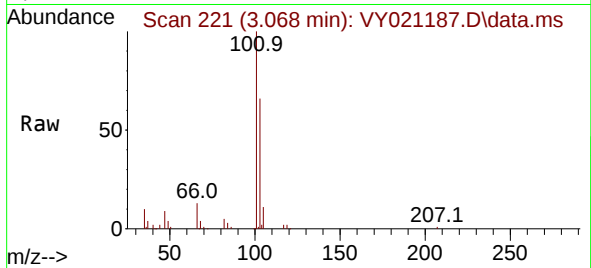




#7
 Trichlorofluoromethane
 Concen: 19.006 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY021187.D
 Acq: 13 Feb 2025 10:45

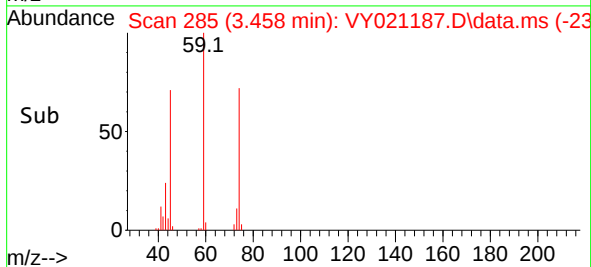
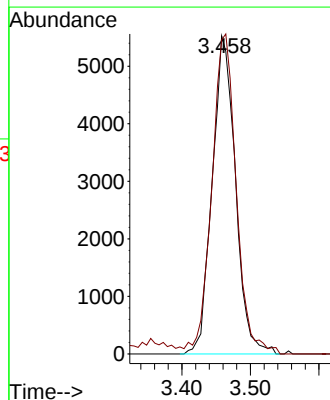
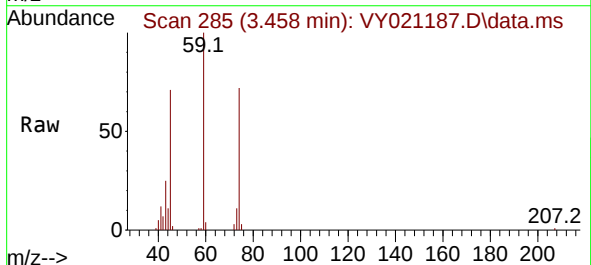
Instrument :
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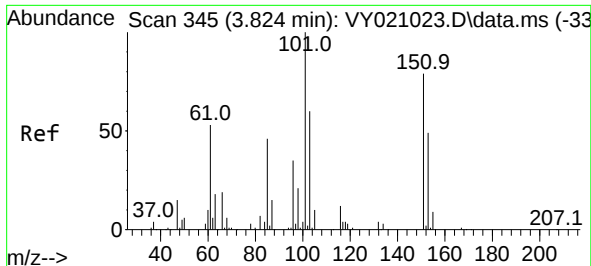
Tgt Ion:101 Resp: 40411
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 19.590 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY021187.D
 Acq: 13 Feb 2025 10:45

Tgt Ion: 74 Resp: 13003
 Ion Ratio Lower Upper
 74 100
 45 105.6 47.9 143.7

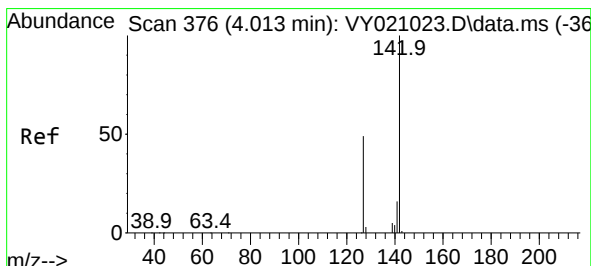
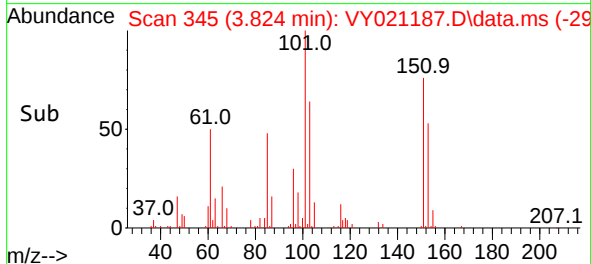
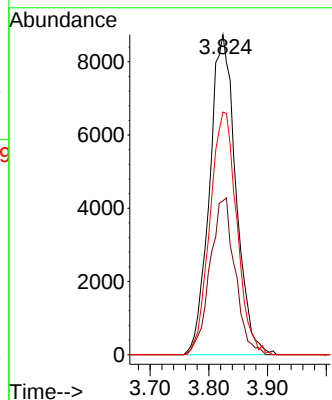
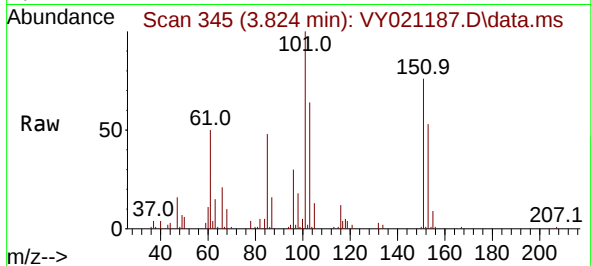




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.370 ug/l
RT: 3.824 min Scan# 345
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

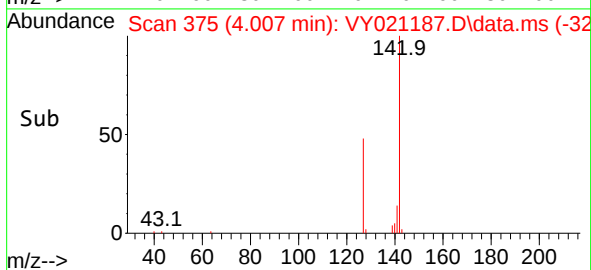
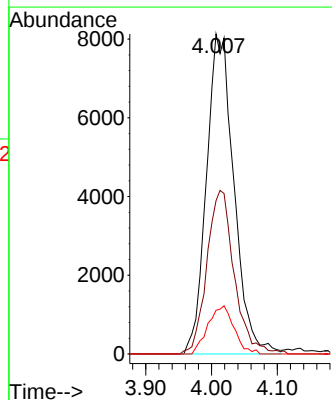
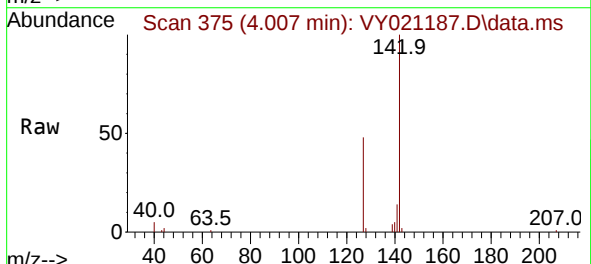
Instrument :
MSVOA_Y
ClientSampleId :

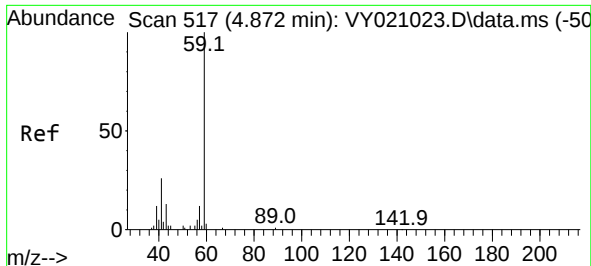
Tgt Ion:101 Resp: 27183
Ion Ratio Lower Upper
101 100
85 46.7 35.8 53.6
151 77.3 58.6 88.0



#10
Methyl Iodide
Concen: 15.941 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion:142 Resp: 23633
Ion Ratio Lower Upper
142 100
127 50.8 35.1 52.7
141 14.2 11.8 17.6

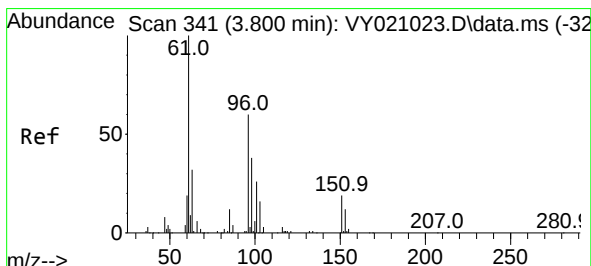
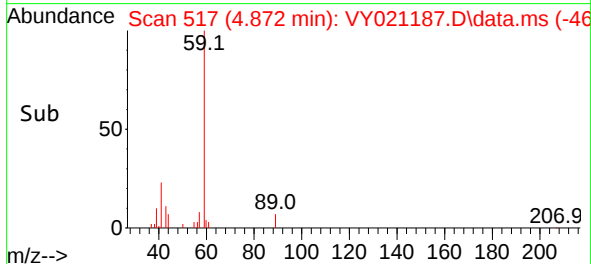
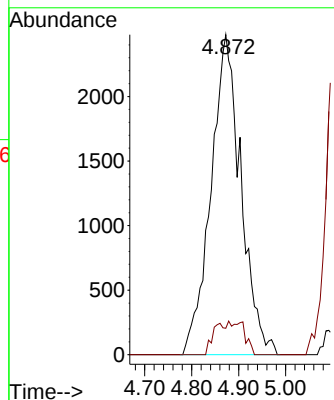
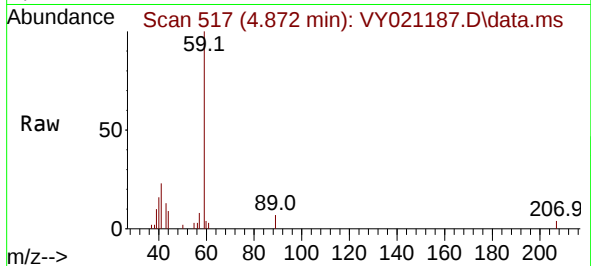




#11
Tert butyl alcohol
Concen: 120.052 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

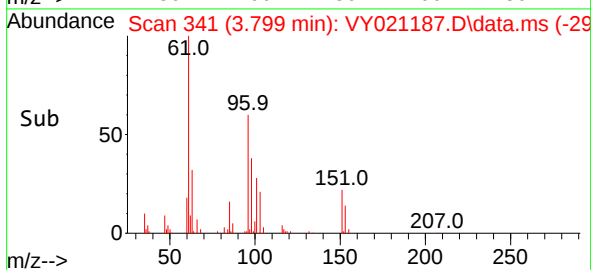
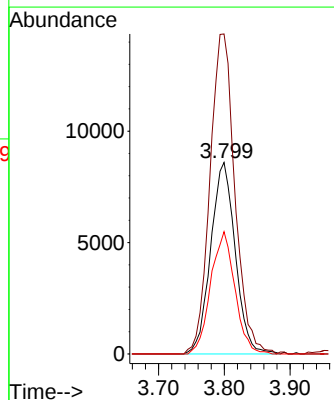
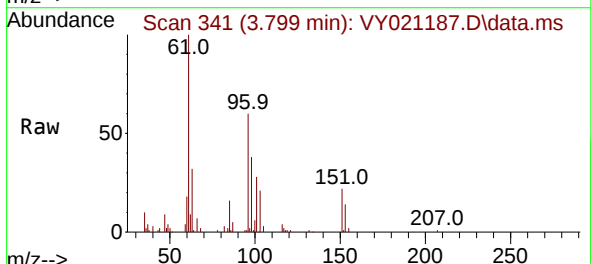
Instrument :
MSVOA_Y
ClientSampleId :

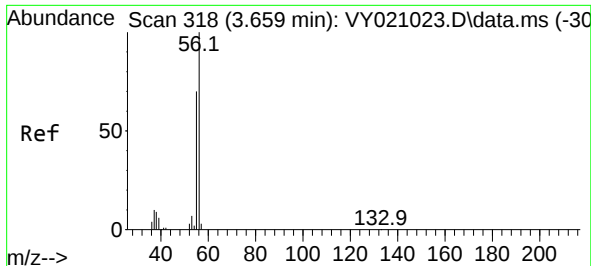
Tgt Ion: 59 Resp: 10989
Ion Ratio Lower Upper
59 100
57 4.3 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 17.785 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion: 96 Resp: 22356
Ion Ratio Lower Upper
96 100
61 167.1 124.2 186.2
98 63.9 52.6 79.0





#13

Acrolein

Concen: 90.817 ug/l

RT: 3.659 min Scan# 318

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

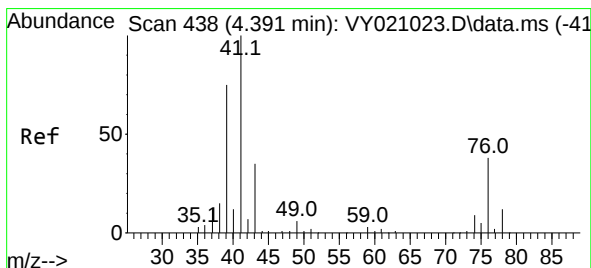
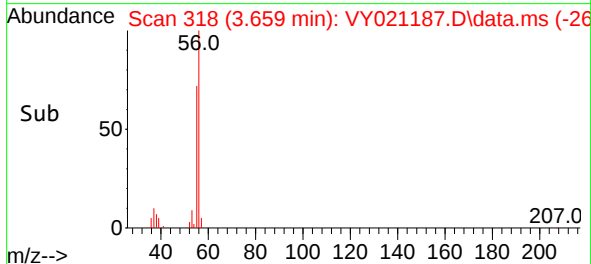
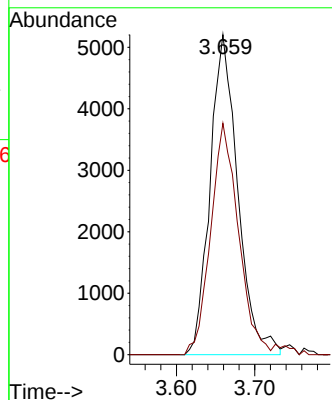
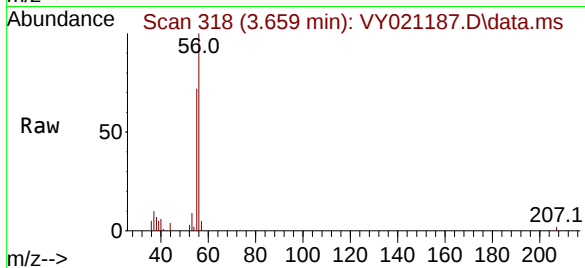
ClientSampleId :

Tgt Ion: 56 Resp: 12801

Ion Ratio Lower Upper

56 100

55 72.3 55.4 83.0



#14

Allyl chloride

Concen: 19.442 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

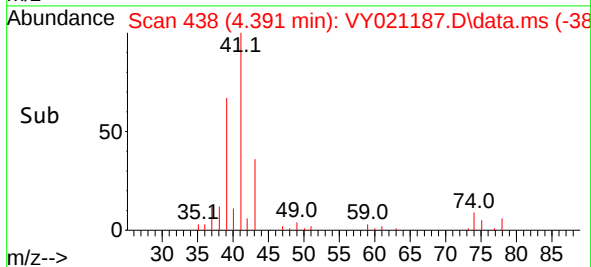
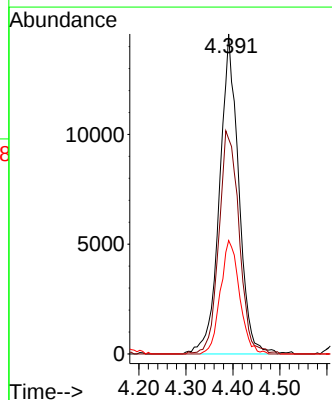
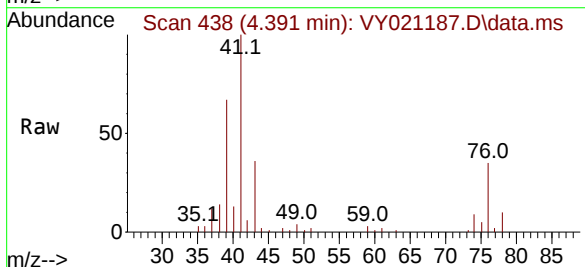
Tgt Ion: 41 Resp: 41189

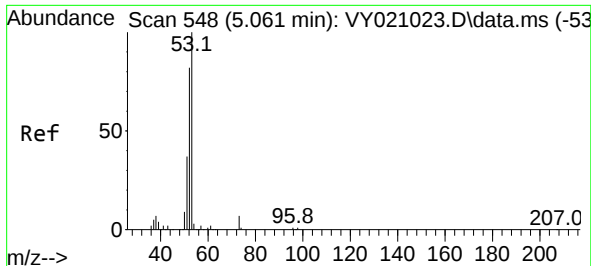
Ion Ratio Lower Upper

41 100

39 73.8 54.7 82.1

76 35.6 31.8 47.6





#15

Acrylonitrile

Concen: 116.944 ug/l

RT: 5.067 min Scan# 54

Delta R.T. 0.006 min

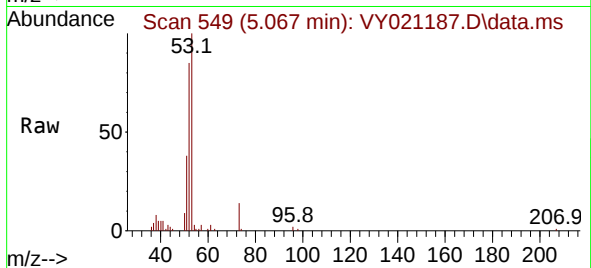
Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :



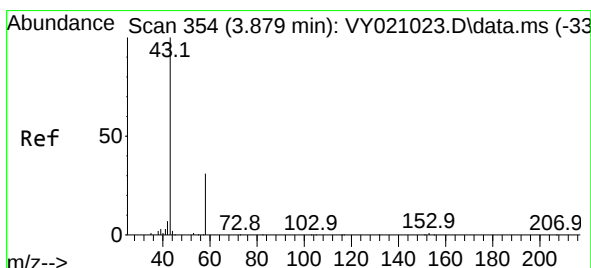
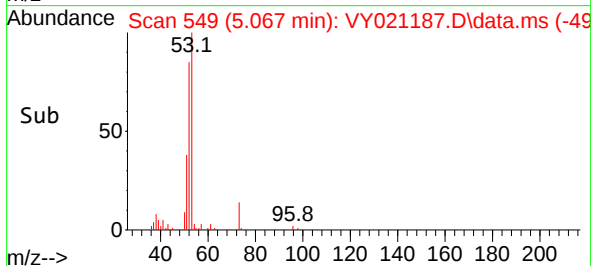
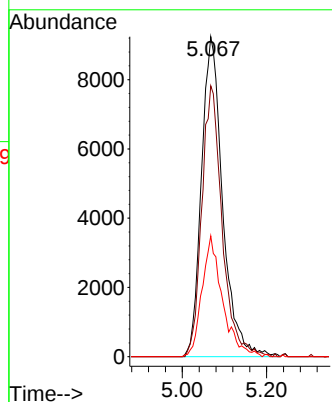
Tgt Ion: 53 Resp: 32323

Ion Ratio Lower Upper

53 100

52 81.3 65.1 97.7

51 36.5 29.0 43.4



#16

Acetone

Concen: 117.917 ug/l

RT: 3.885 min Scan# 355

Delta R.T. 0.006 min

Lab File: VY021187.D

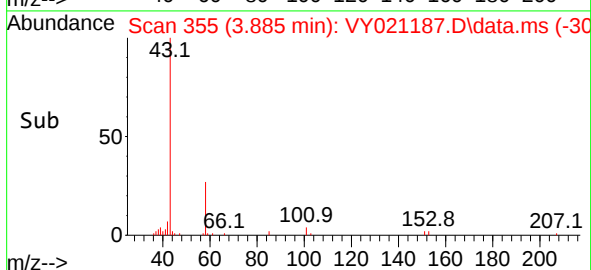
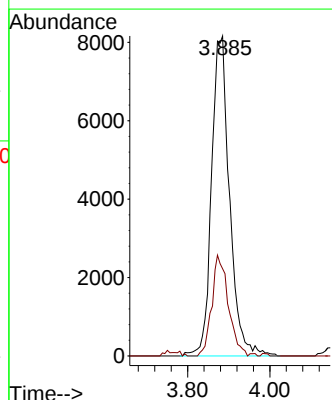
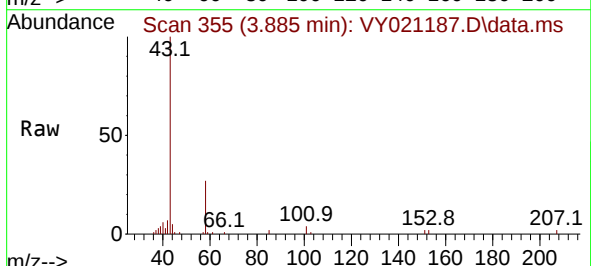
Acq: 13 Feb 2025 10:45

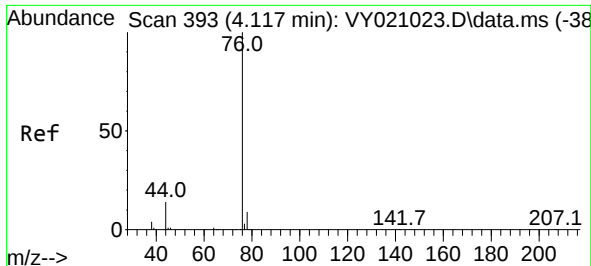
Tgt Ion: 43 Resp: 24839

Ion Ratio Lower Upper

43 100

58 27.2 26.6 39.8

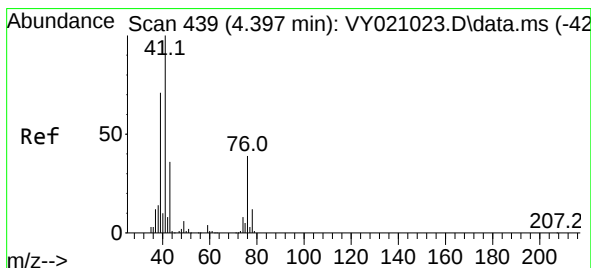
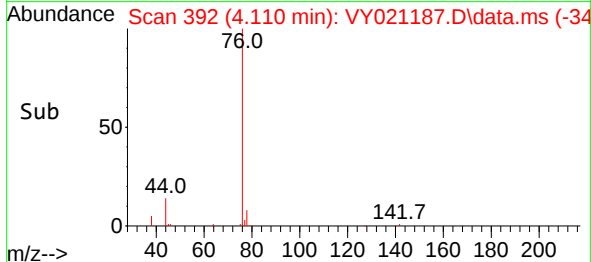
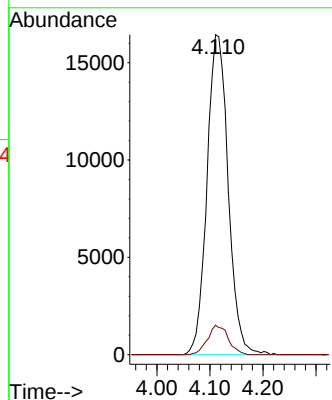
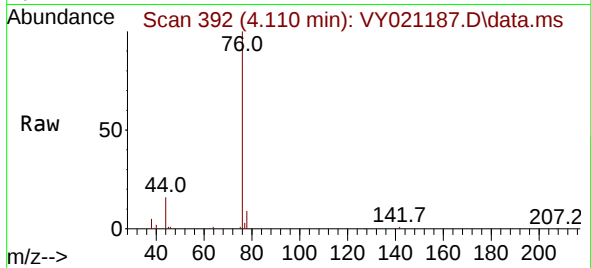




#17
Carbon Disulfide
Concen: 11.581 ug/l
RT: 4.110 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

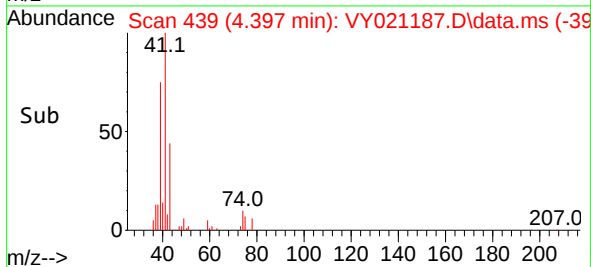
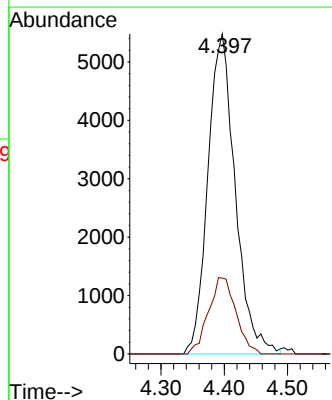
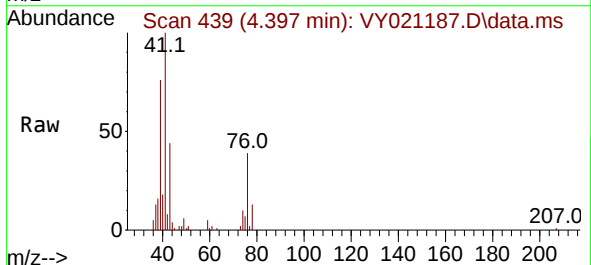
Instrument :
MSVOA_Y
ClientSampleId :

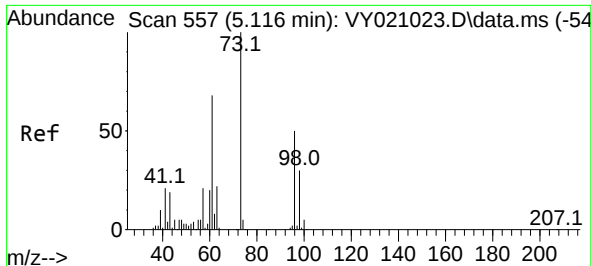
Tgt Ion: 76 Resp: 45648
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 22.250 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion: 43 Resp: 16453
Ion Ratio Lower Upper
43 100
74 23.9 19.8 29.6

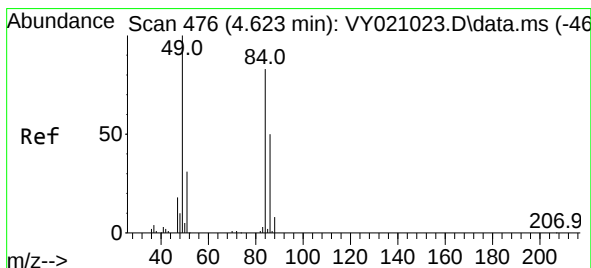
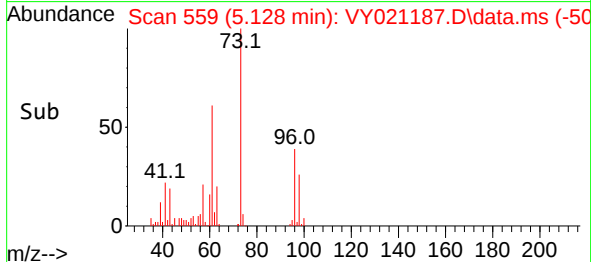
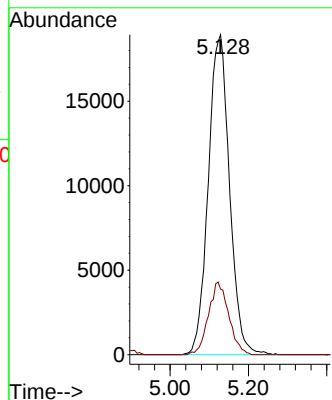
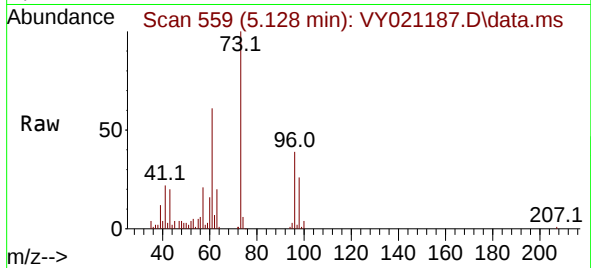




#19
Methyl tert-butyl Ether
Concen: 22.426 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

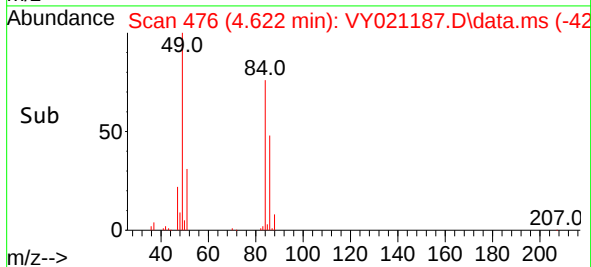
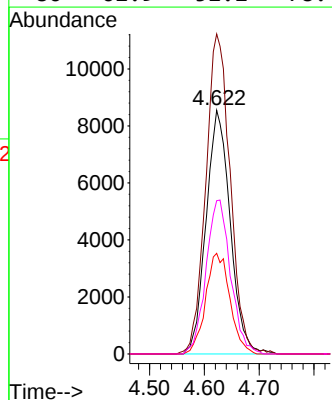
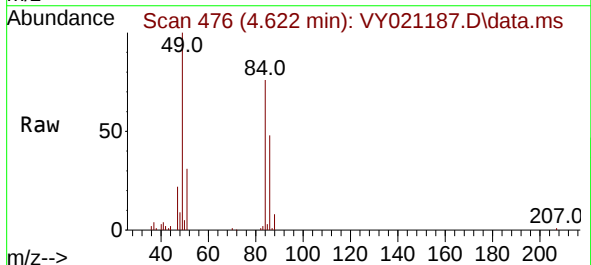
Instrument :
MSVOA_Y
ClientSampleId :

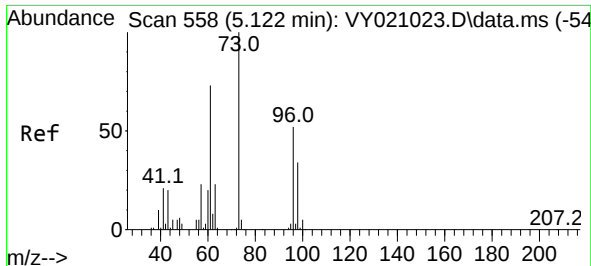
Tgt Ion: 73 Resp: 71251
Ion Ratio Lower Upper
73 100
57 20.5 17.7 26.5



#20
Methylene Chloride
Concen: 19.953 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion: 84 Resp: 26129
Ion Ratio Lower Upper
84 100
49 131.3 95.2 142.8
51 41.3 29.9 44.9
86 62.9 52.2 78.4

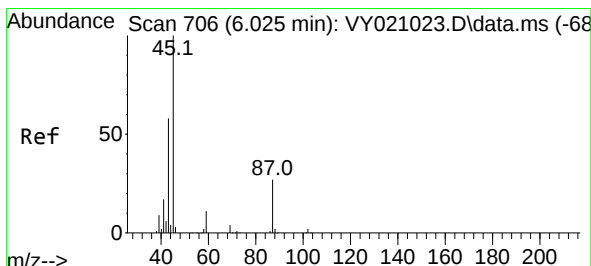
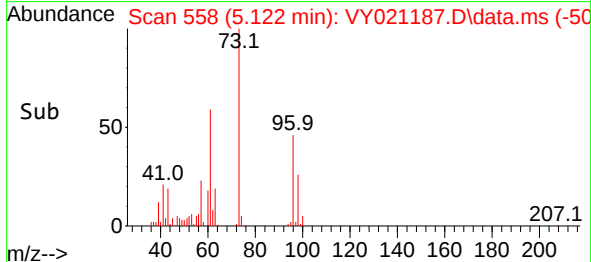
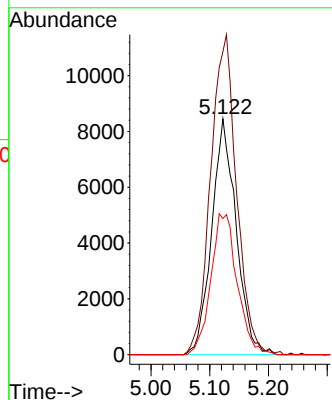
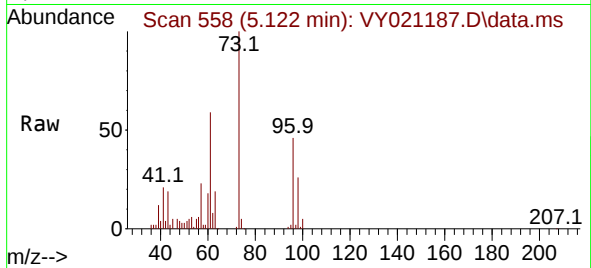




#21
trans-1,2-Dichloroethene
Concen: 17.683 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

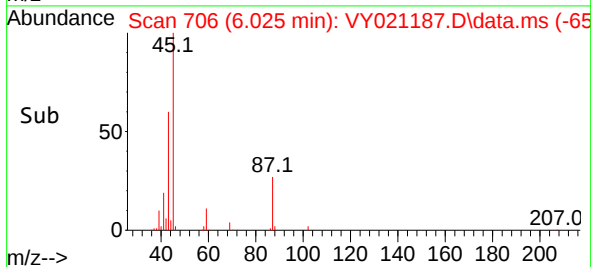
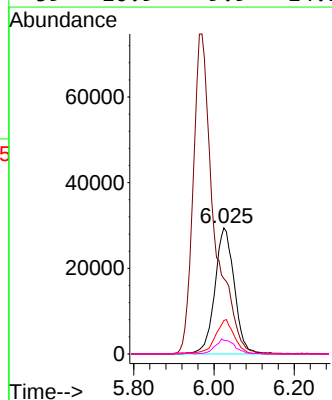
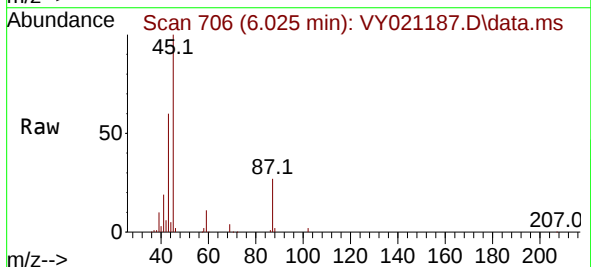
Instrument :
MSVOA_Y
ClientSampleId :

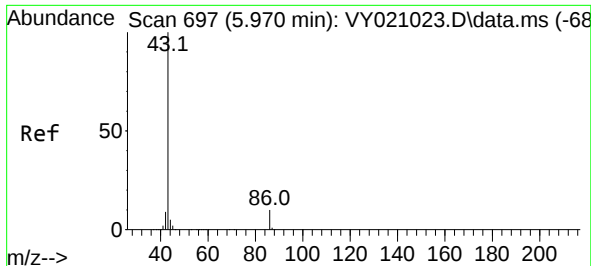
Tgt Ion: 96 Resp: 24468
Ion Ratio Lower Upper
96 100
61 128.5 104.6 156.8
98 57.8 50.9 76.3



#22
Diisopropyl ether
Concen: 22.640 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion: 45 Resp: 98863
Ion Ratio Lower Upper
45 100
43 59.1 46.8 70.2
87 26.5 22.2 33.2
59 10.9 9.9 14.9

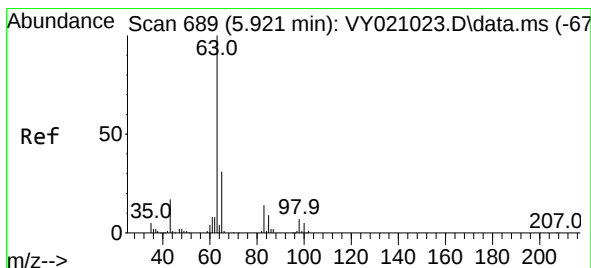
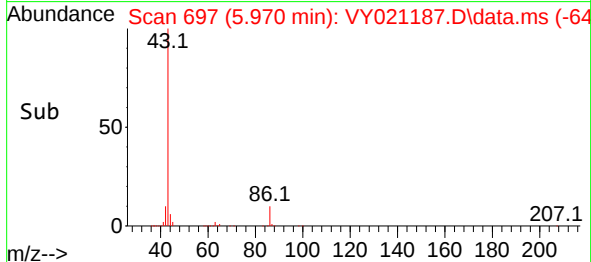
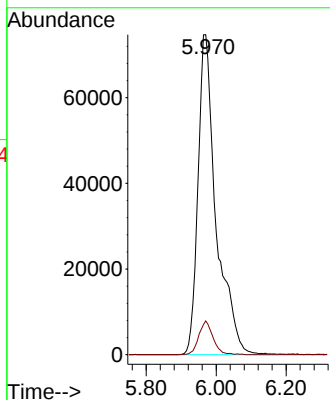
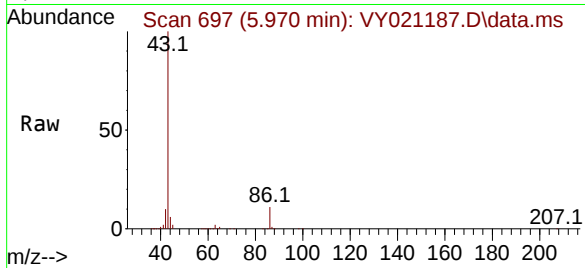




#23
 Vinyl Acetate
 Concen: 110.717 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY021187.D
 Acq: 13 Feb 2025 10:45

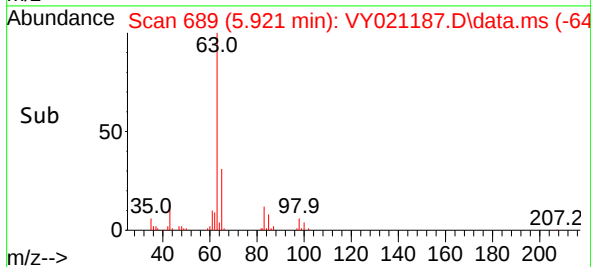
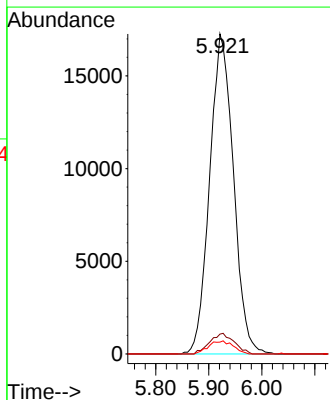
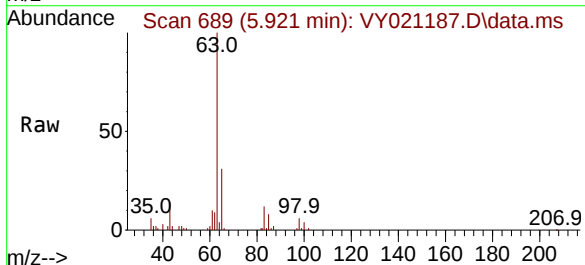
Instrument :
 MSVOA_Y
 ClientSampleId :

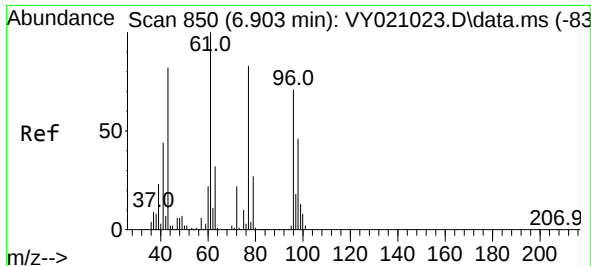
Tgt Ion: 43 Resp: 269518
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.019 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY021187.D
 Acq: 13 Feb 2025 10:45

Tgt Ion: 63 Resp: 53775
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.8 11.4
 100 3.7 2.1 6.2





#25

2-Butanone

Concen: 121.718 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

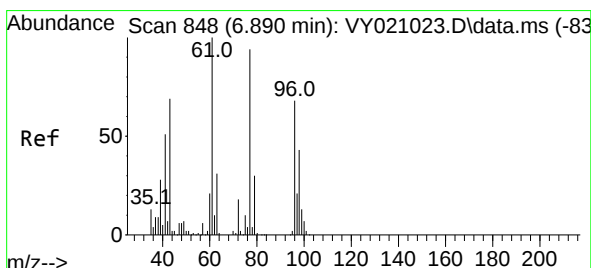
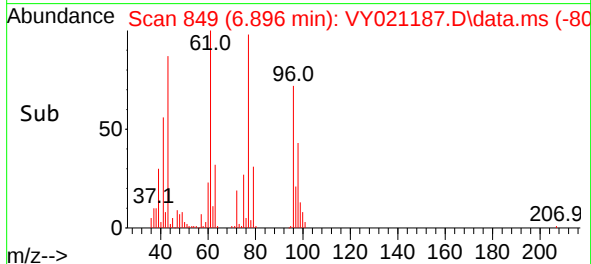
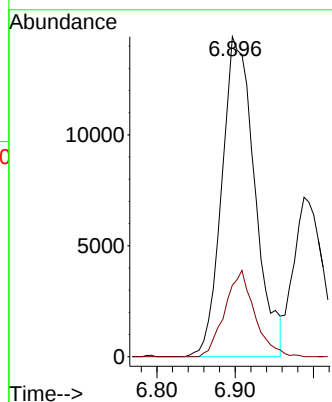
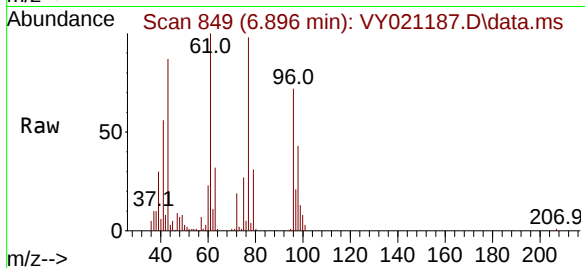
ClientSampleId :

Tgt Ion: 43 Resp: 42133

Ion Ratio Lower Upper

43 100

72 22.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 21.530 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY021187.D

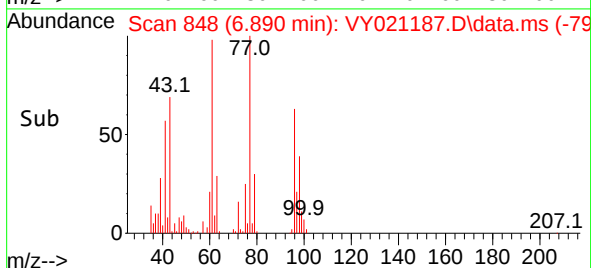
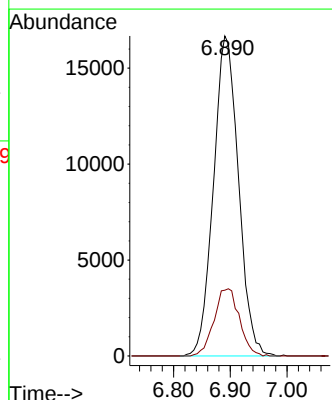
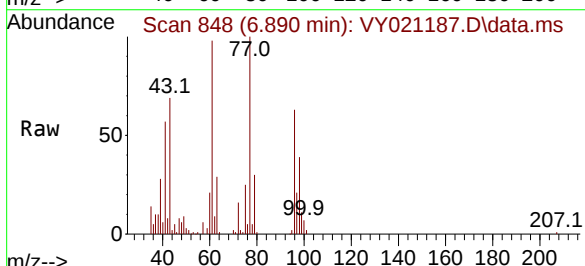
Acq: 13 Feb 2025 10:45

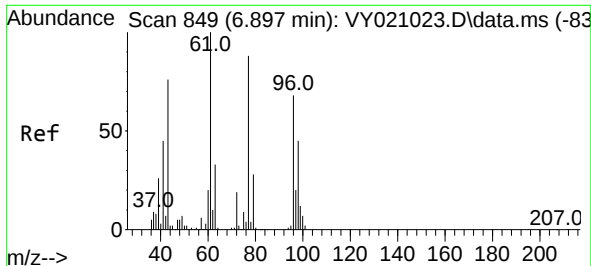
Tgt Ion: 77 Resp: 50968

Ion Ratio Lower Upper

77 100

97 21.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.239 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

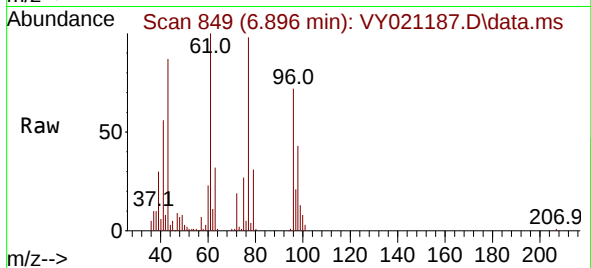
Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :



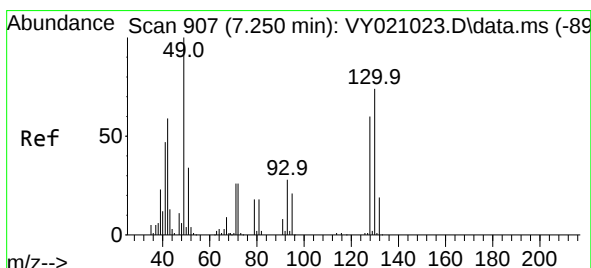
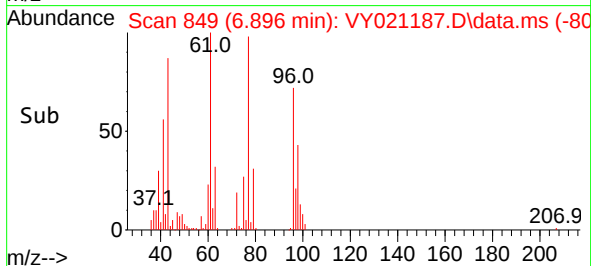
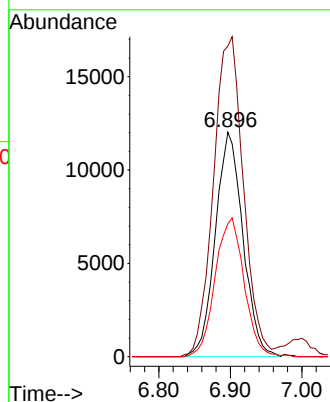
Tgt Ion: 96 Resp: 32234

Ion Ratio Lower Upper

96 100

61 154.5 0.0 278.8

98 64.9 0.0 127.0



#28

Bromochloromethane

Concen: 21.488 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

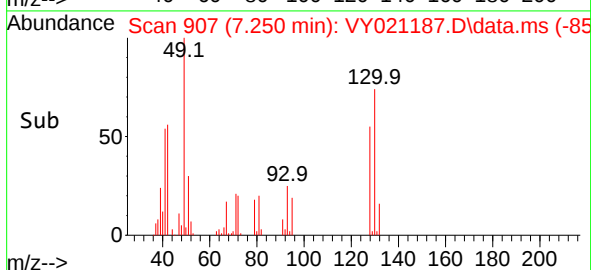
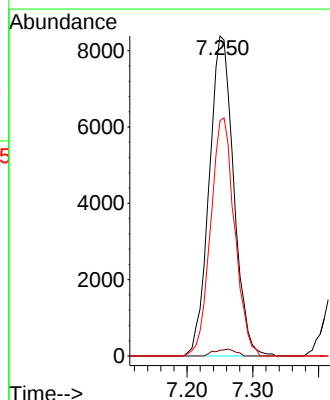
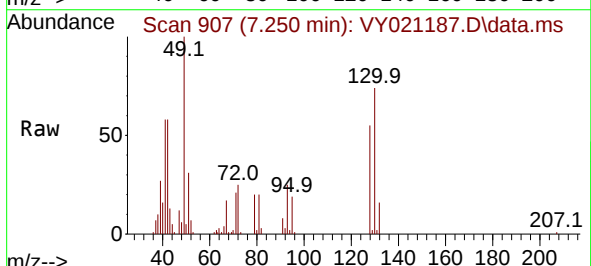
Tgt Ion: 49 Resp: 21739

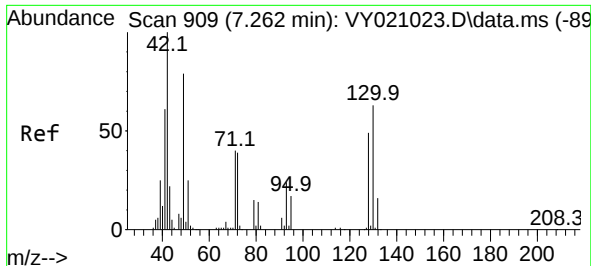
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 72.9 59.8 89.8





#29

Tetrahydrofuran

Concen: 117.009 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021187.D

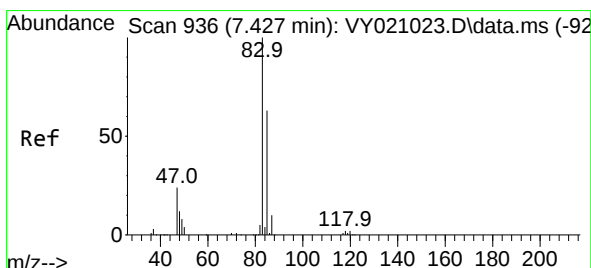
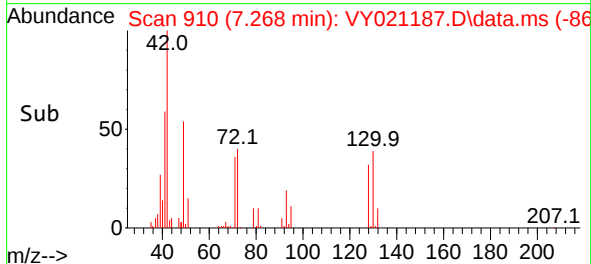
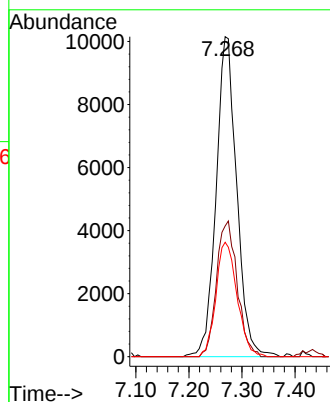
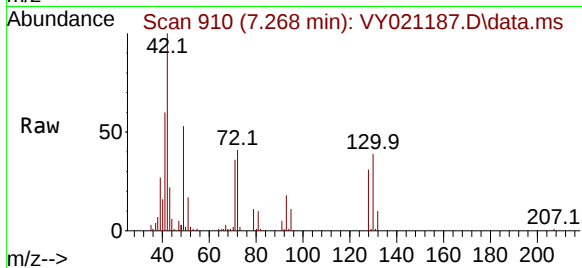
Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	27407
Ion	Ratio	Lower	Upper
42	100		
72	42.6	36.6	54.8
71	36.7	33.8	50.6



#30

Chloroform

Concen: 21.934 ug/l

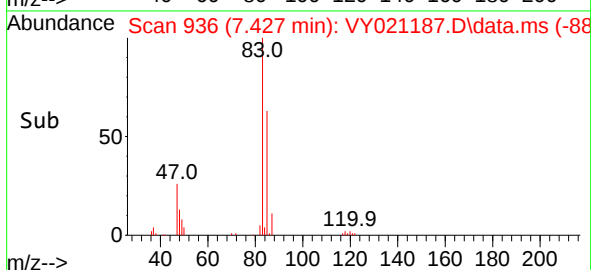
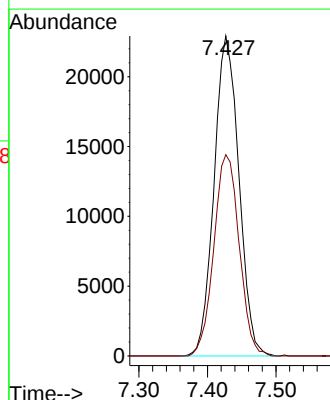
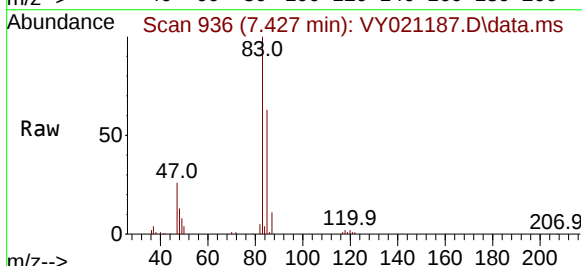
RT: 7.427 min Scan# 936

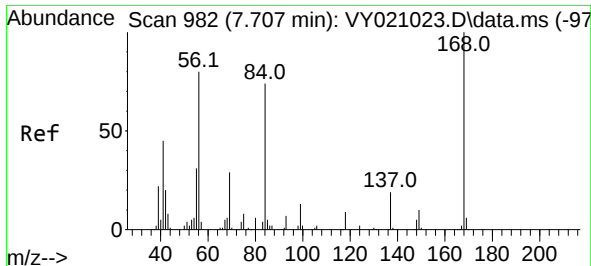
Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

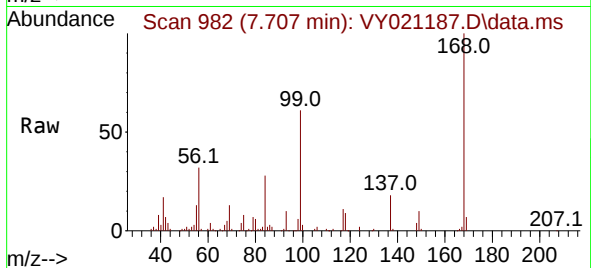
Tgt Ion:	83	Resp:	57640
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.2	76.8



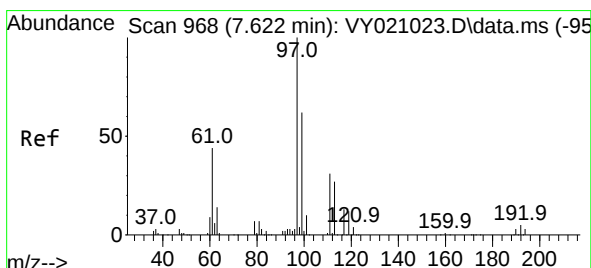
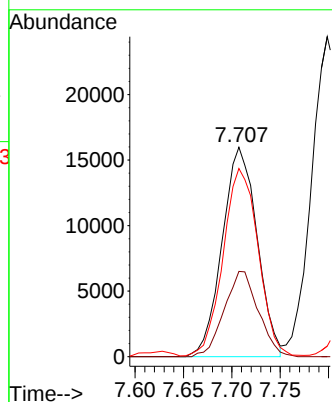
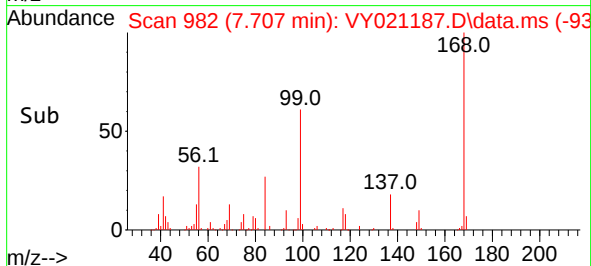


#31
Cyclohexane
Concen: 17.406 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Instrument :
MSVOA_Y
ClientSampleId :

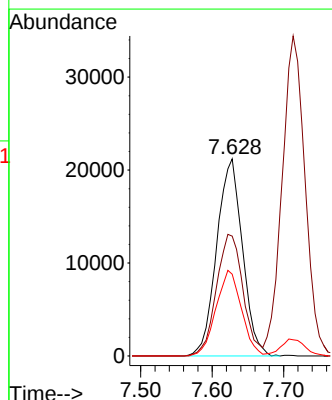
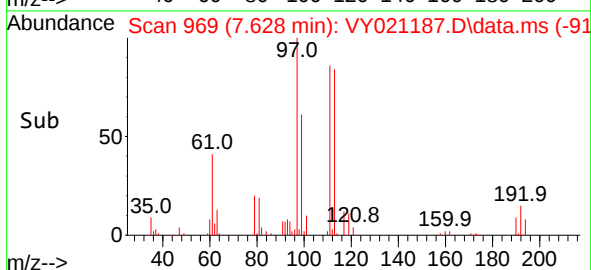
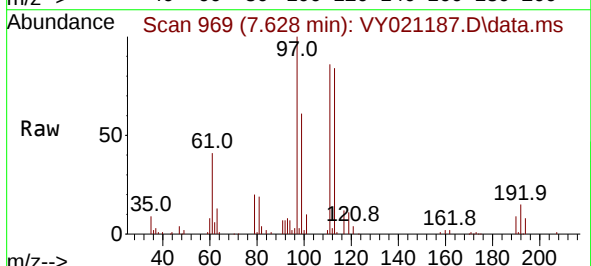


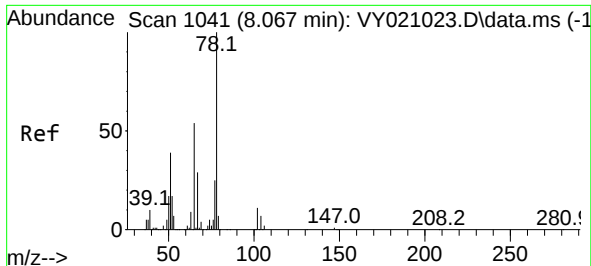
Tgt Ion: 56 Resp: 40102
Ion Ratio Lower Upper
56 100
69 40.7 27.0 40.6#
84 89.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.738 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion: 97 Resp: 53111
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 42.9 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 47.432 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

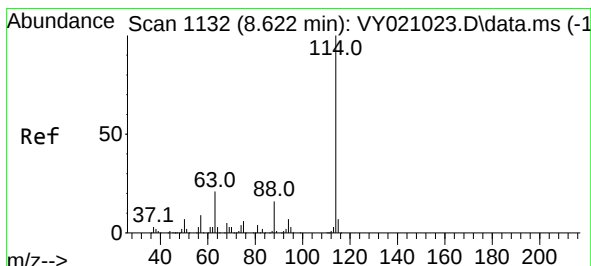
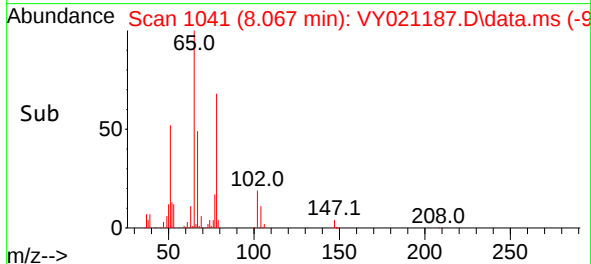
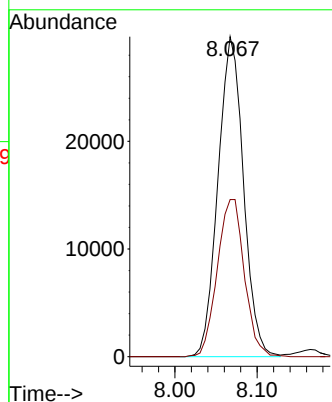
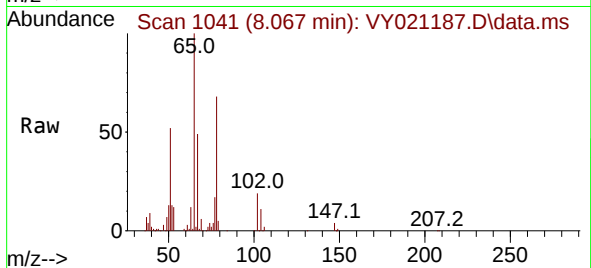
ClientSampleId :

Tgt Ion: 65 Resp: 64070

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

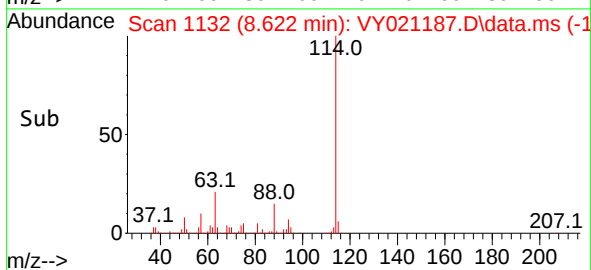
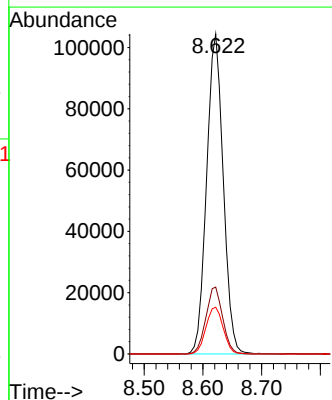
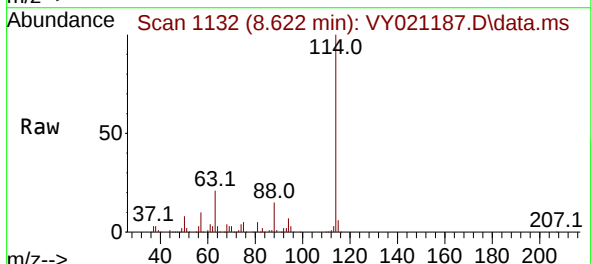
Tgt Ion: 114 Resp: 205073

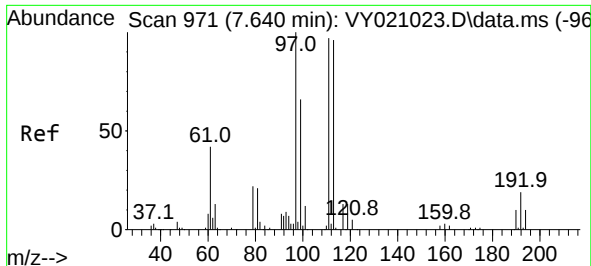
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

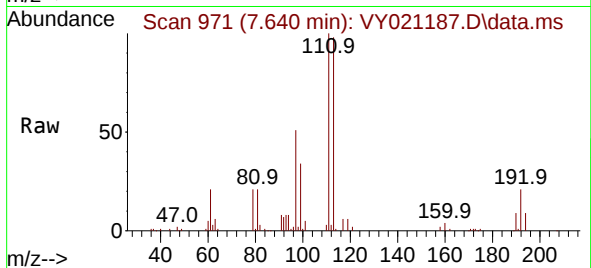
88 14.6 0.0 29.0



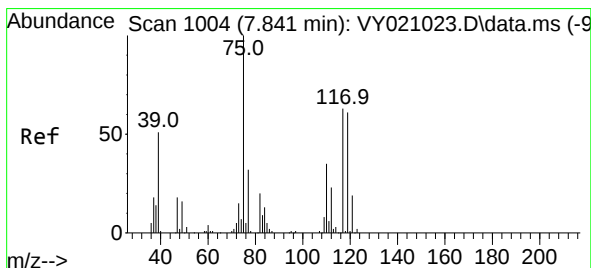
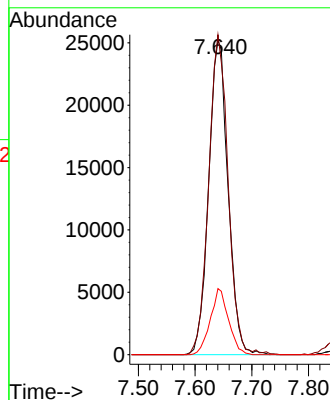
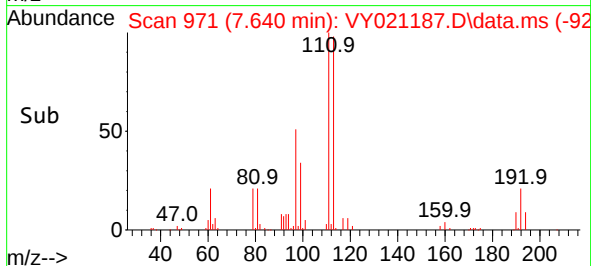


#35
Dibromofluoromethane
Concen: 45.587 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Instrument :
MSVOA_Y
ClientSampleId :

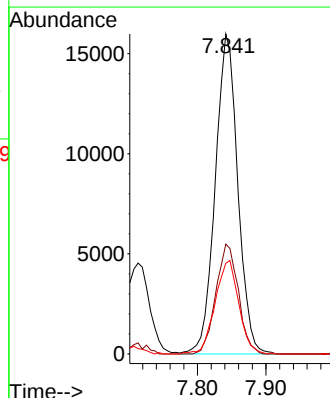
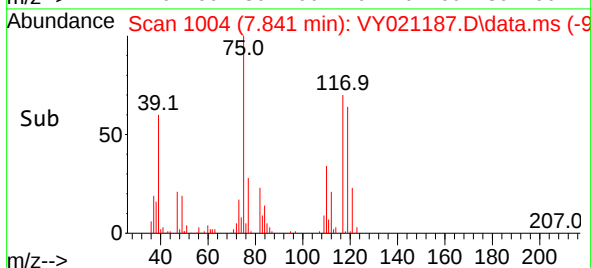
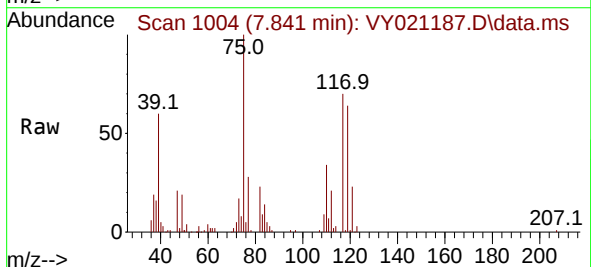


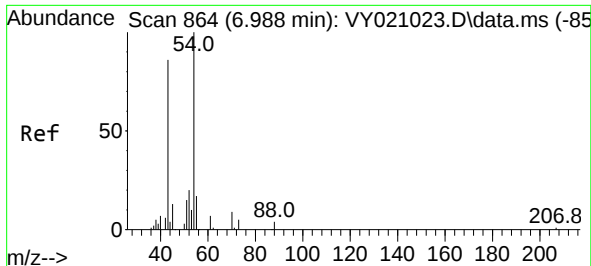
Tgt Ion:113 Resp: 59913
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.6
192 19.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 18.753 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion: 75 Resp: 36506
Ion Ratio Lower Upper
75 100
110 34.1 17.4 52.3
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 22.764 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

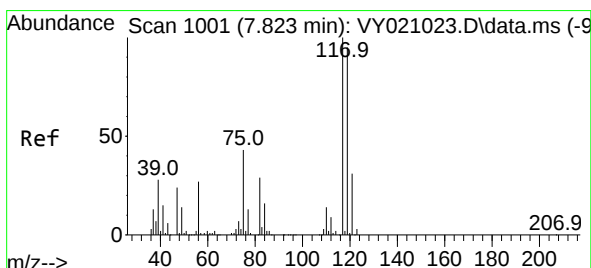
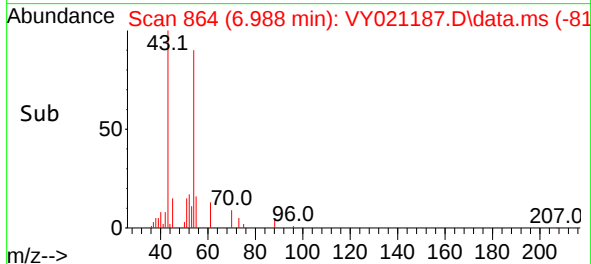
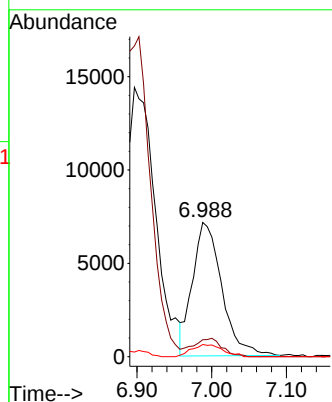
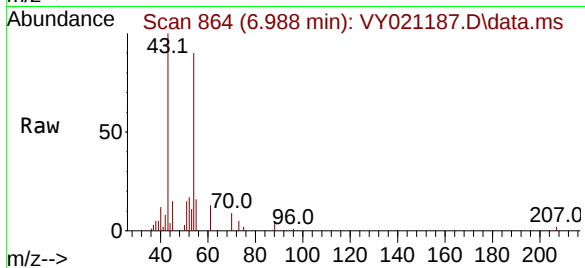
Tgt Ion: 43 Resp: 19440

Ion Ratio Lower Upper

43 100

61 13.0 11.0 16.6

70 9.7 8.1 12.1



#38

Carbon Tetrachloride

Concen: 21.053 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

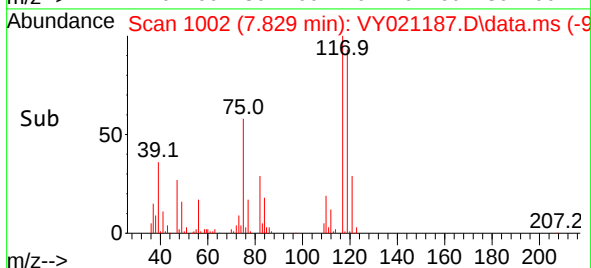
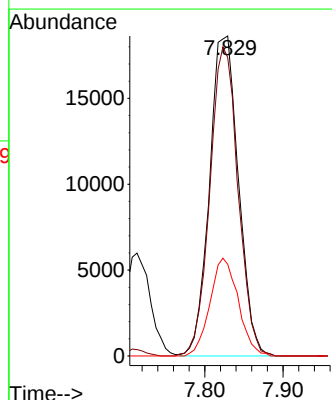
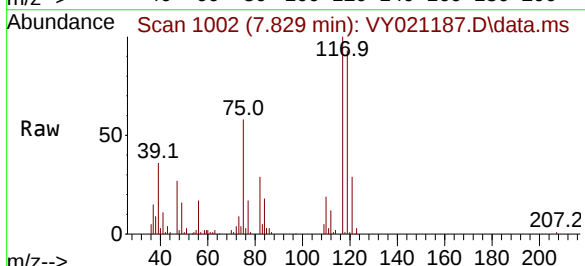
Tgt Ion: 117 Resp: 47886

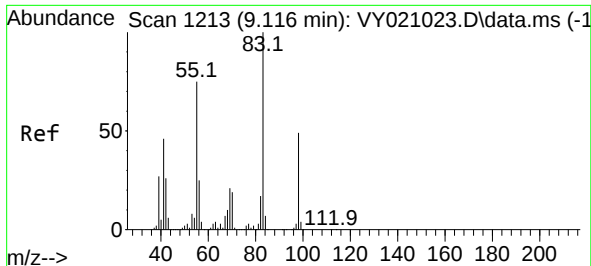
Ion Ratio Lower Upper

117 100

119 93.3 76.0 114.0

121 28.7 24.2 36.2





#39

Methylcyclohexane

Concen: 17.568 ug/l

RT: 9.116 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

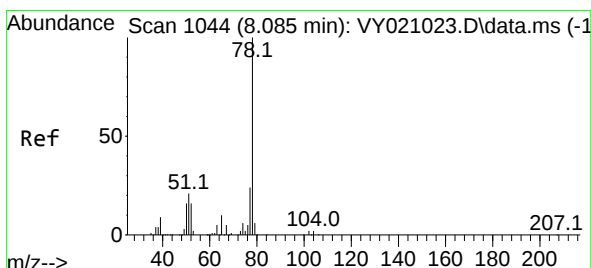
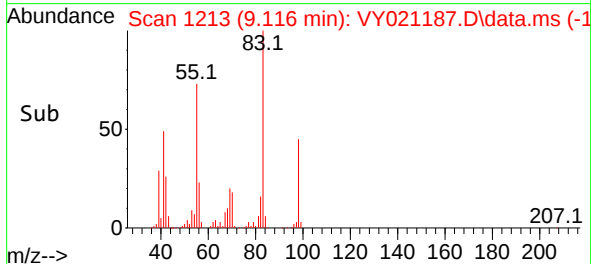
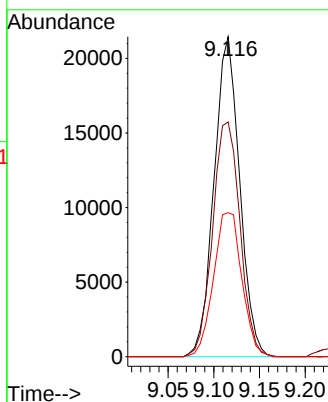
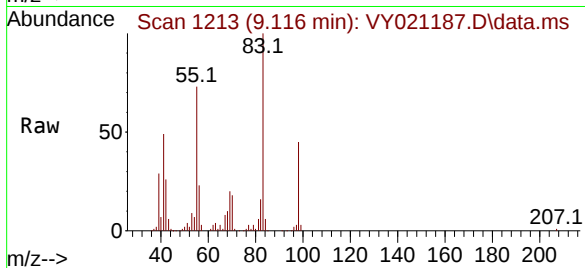
Tgt Ion: 83 Resp: 41832

Ion Ratio Lower Upper

83 100

55 73.4 59.7 89.5

98 45.0 38.0 57.0



#40

Benzene

Concen: 19.933 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY021187.D

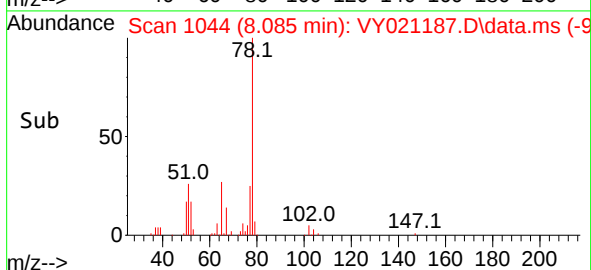
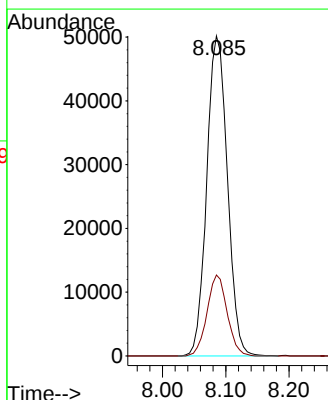
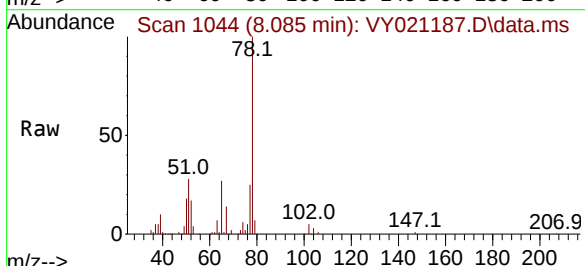
Acq: 13 Feb 2025 10:45

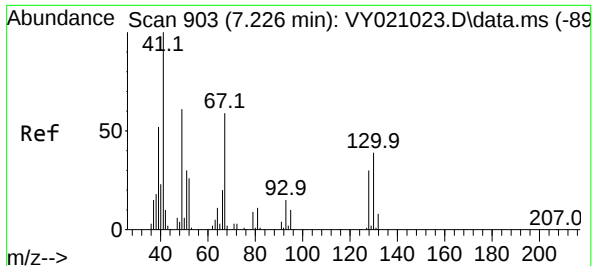
Tgt Ion: 78 Resp: 113872

Ion Ratio Lower Upper

78 100

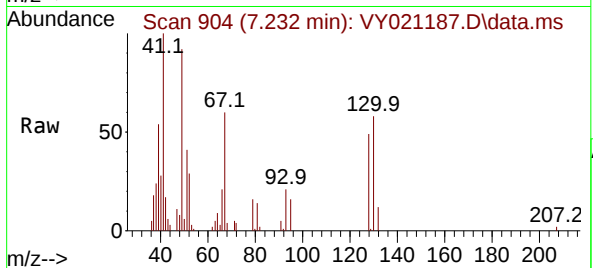
77 25.3 18.8 28.2



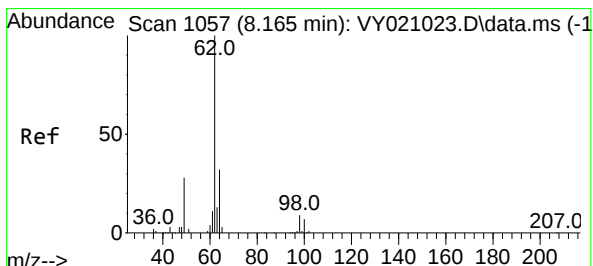
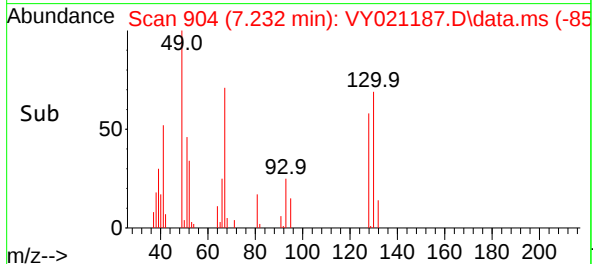
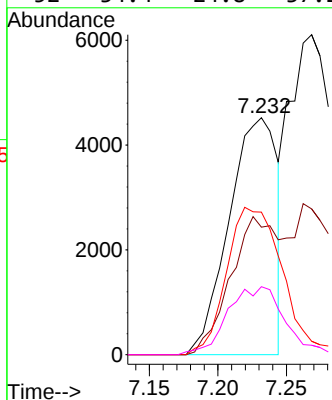


#41
Methacrylonitrile
Concen: 22.326 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Instrument :
MSVOA_Y
ClientSampleId :

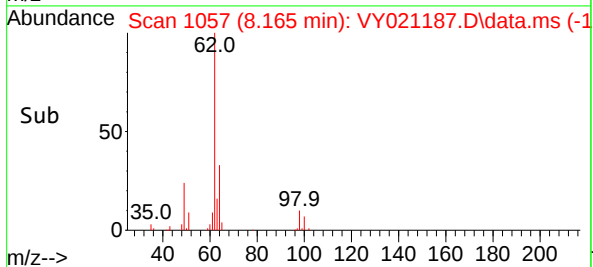
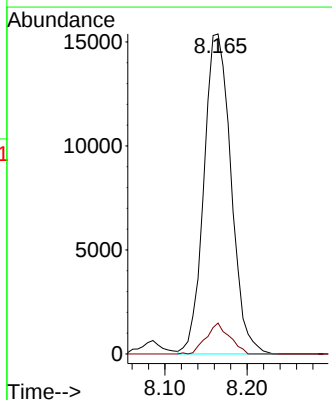
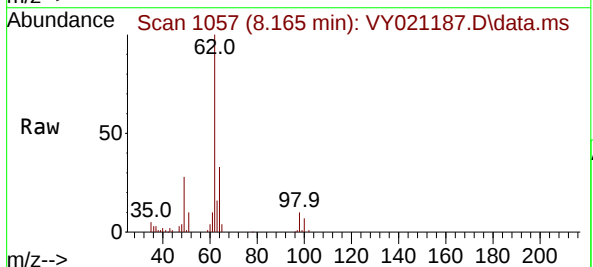


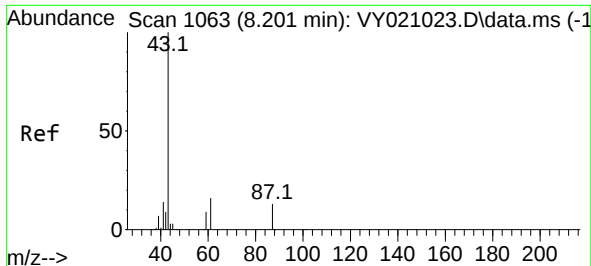
Tgt Ion:	41	Resp:	11030
Ion	Ratio	Lower	Upper
41	100		
39	55.6	41.9	62.9
67	72.3	59.8	89.6
52	34.4	24.8	37.2



#42
1,2-Dichloroethane
Concen: 22.260 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion:	62	Resp:	35276
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	20.2

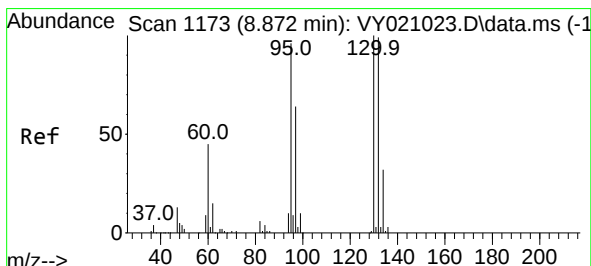
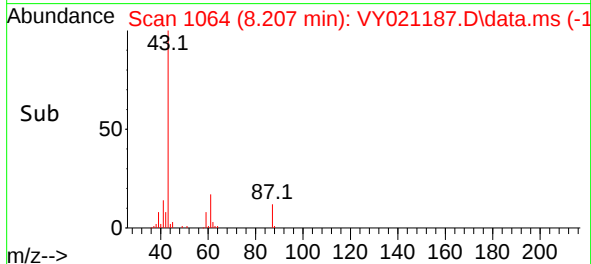
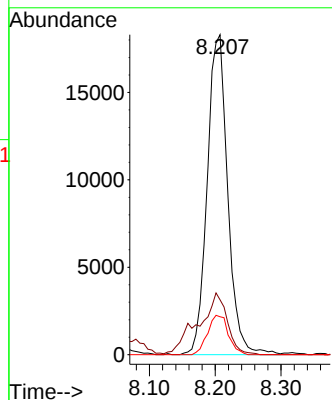
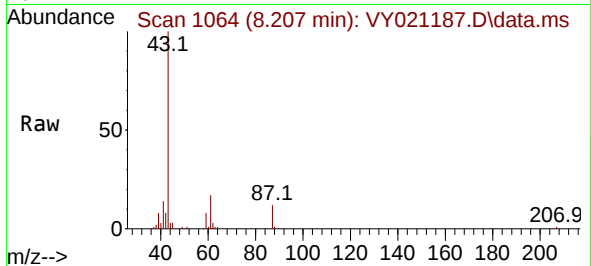




#43
Isopropyl Acetate
Concen: 23.414 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

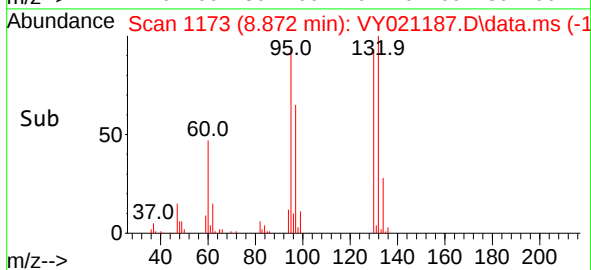
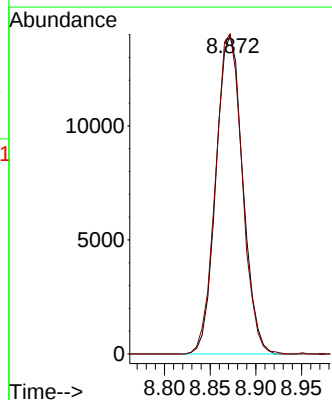
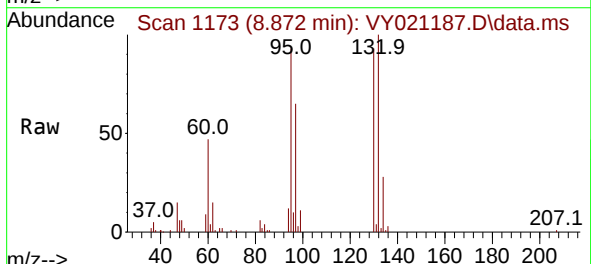
Instrument :
MSVOA_Y
ClientSampleId :

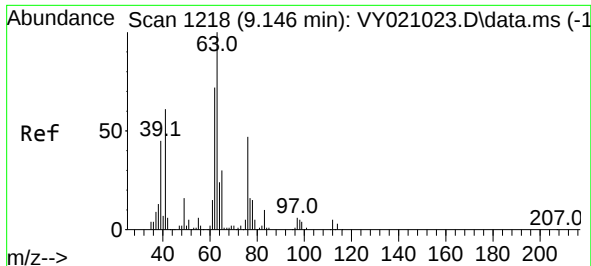
Tgt Ion: 43 Resp: 39730
Ion Ratio Lower Upper
43 100
61 27.3 24.8 37.2
87 12.4 10.7 16.1



#44
Trichloroethene
Concen: 19.229 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion:130 Resp: 28380
Ion Ratio Lower Upper
130 100
95 100.4 0.0 203.8





#45

1,2-Dichloropropane

Concen: 21.378 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

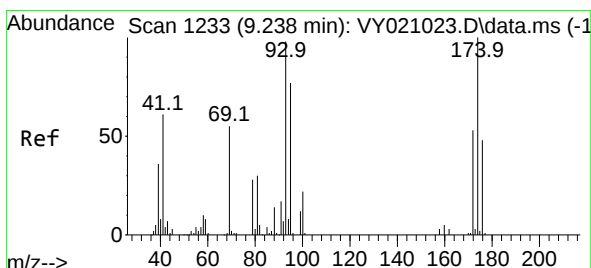
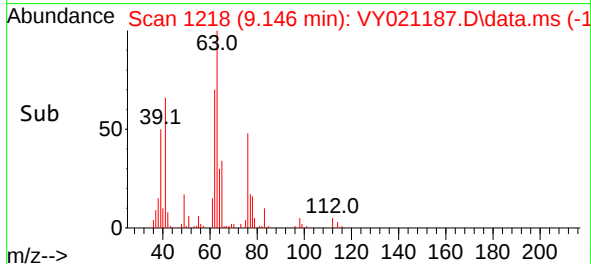
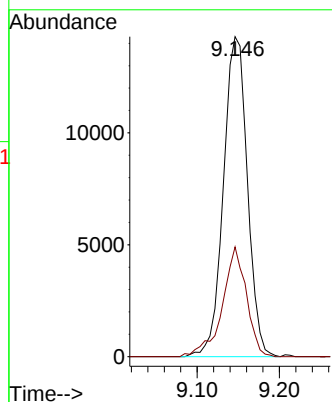
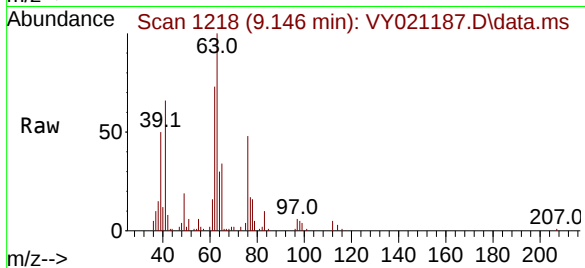
ClientSampleId :

Tgt Ion: 63 Resp: 28987

Ion Ratio Lower Upper

63 100

65 34.3 24.6 36.8



#46

Dibromomethane

Concen: 21.556 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

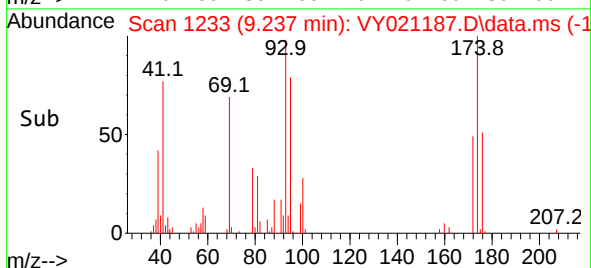
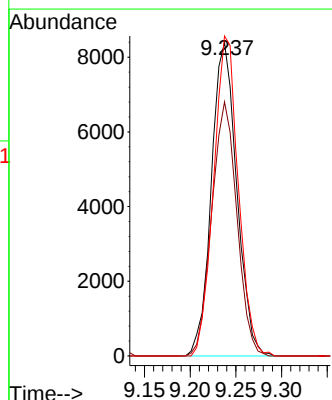
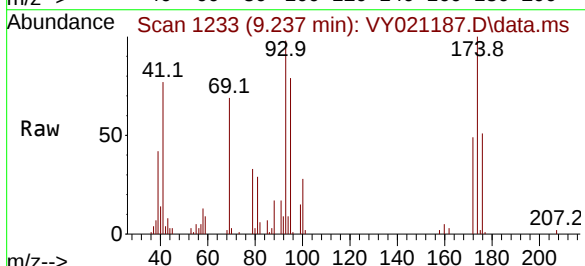
Tgt Ion: 93 Resp: 16183

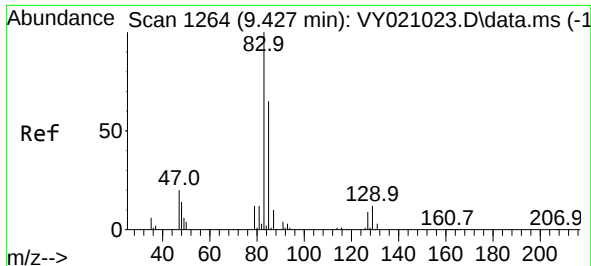
Ion Ratio Lower Upper

93 100

95 80.3 66.6 99.8

174 99.5 73.8 110.6

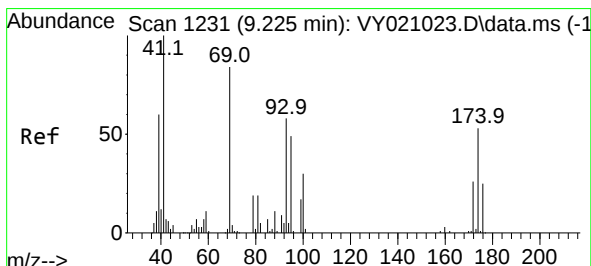
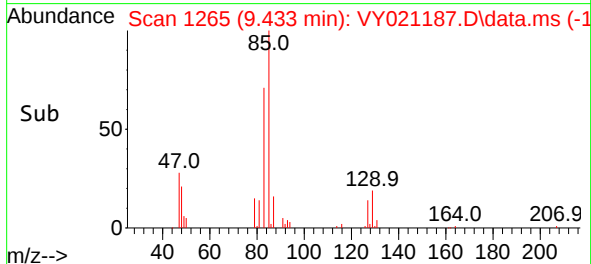
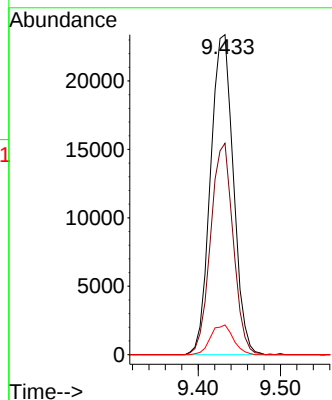
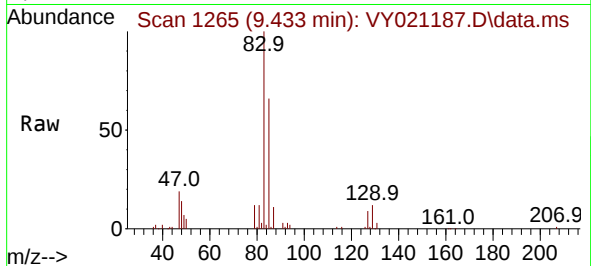




#47
Bromodichloromethane
Concen: 22.413 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

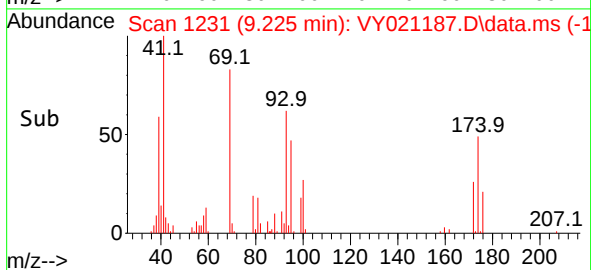
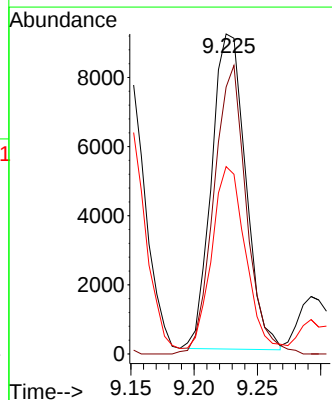
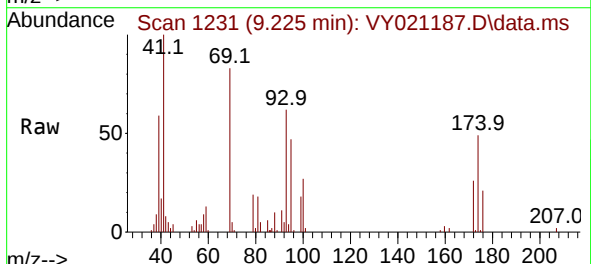
Instrument :
MSVOA_Y
ClientSampleId :

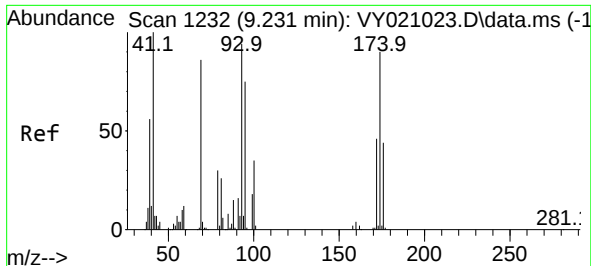
Tgt Ion: 83 Resp: 45127
Ion Ratio Lower Upper
83 100
85 66.1 53.2 79.8
127 9.3 6.4 9.6



#48
Methyl methacrylate
Concen: 22.150 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion: 41 Resp: 17120
Ion Ratio Lower Upper
41 100
69 87.3 72.1 108.1
39 59.2 42.8 64.2





#49

1,4-Dioxane

Concen: 500.947 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

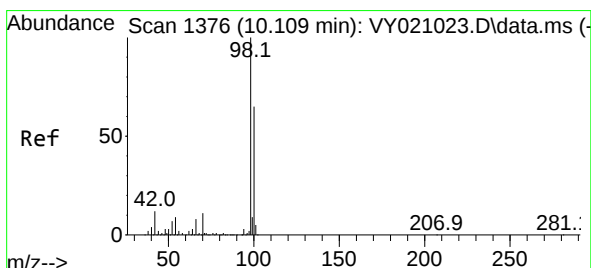
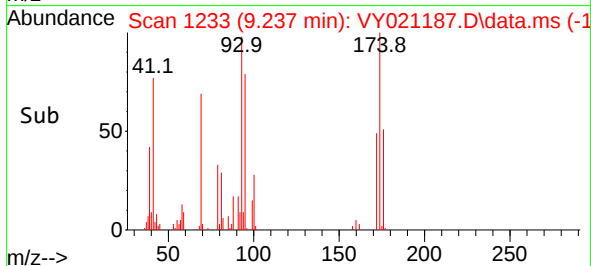
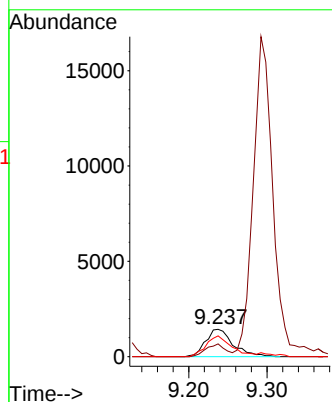
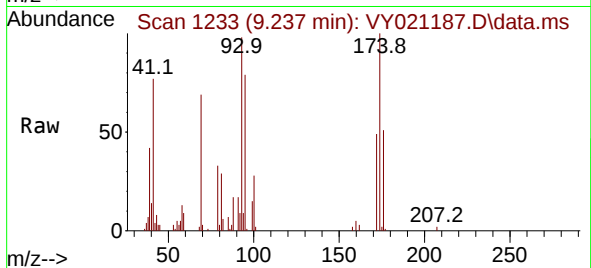
Tgt Ion: 88 Resp: 3501

Ion Ratio Lower Upper

88 100

43 33.4 28.2 42.4

58 71.1 52.2 78.2



#50

Toluene-d8

Concen: 45.247 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021187.D

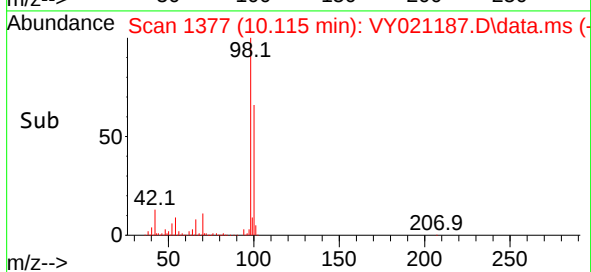
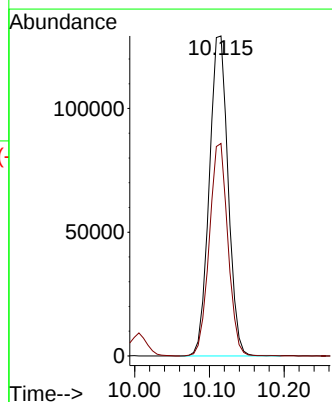
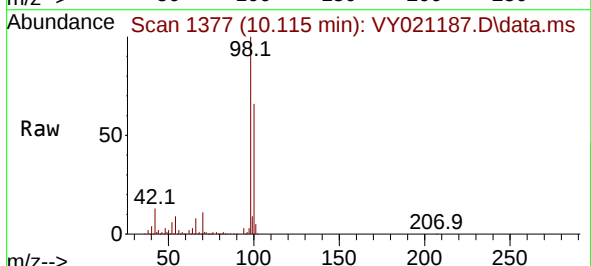
Acq: 13 Feb 2025 10:45

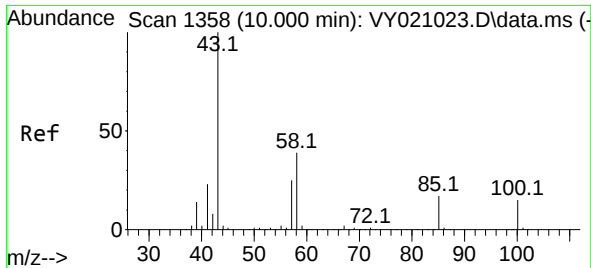
Tgt Ion: 98 Resp: 226390

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5

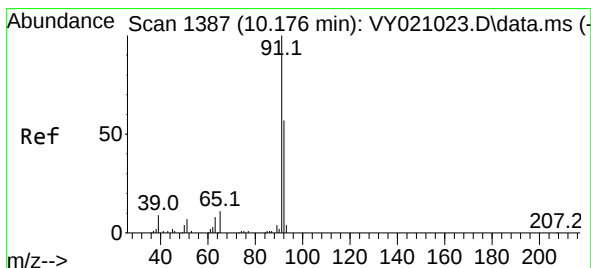
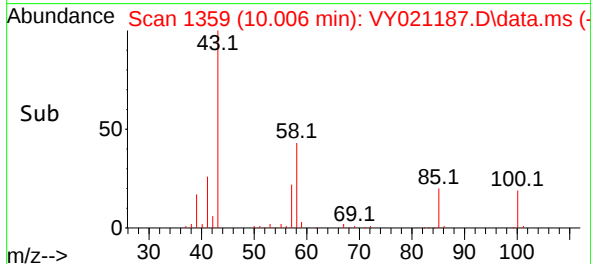
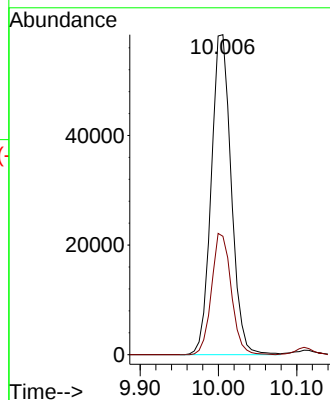
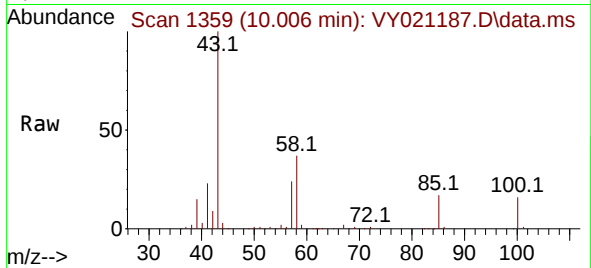




#51
4-Methyl-2-Pentanone
Concen: 121.532 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

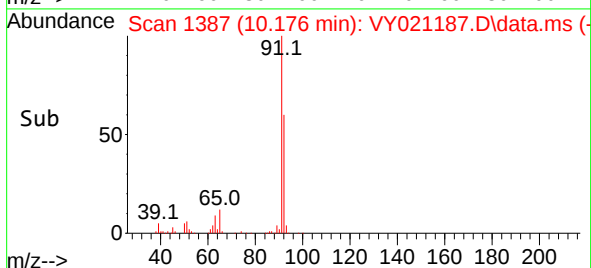
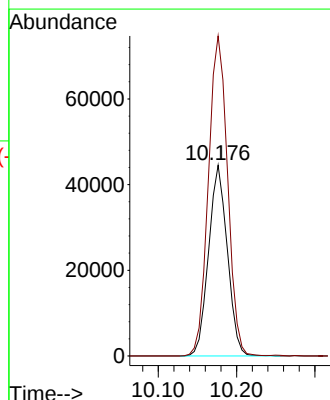
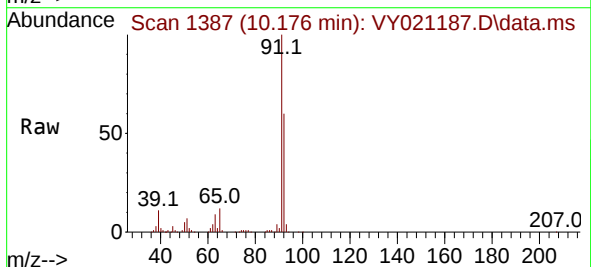
Instrument :
MSVOA_Y
ClientSampleId :

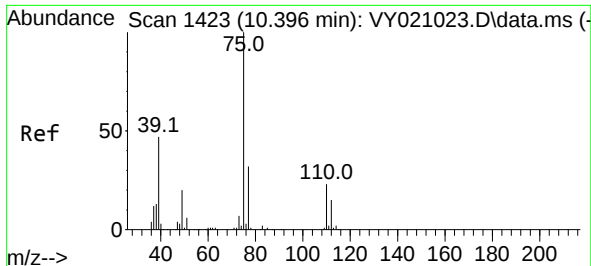
Tgt Ion: 43 Resp: 103702
Ion Ratio Lower Upper
43 100
58 37.2 32.2 48.2



#52
Toluene
Concen: 20.630 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion: 92 Resp: 73998
Ion Ratio Lower Upper
92 100
91 171.8 137.6 206.4

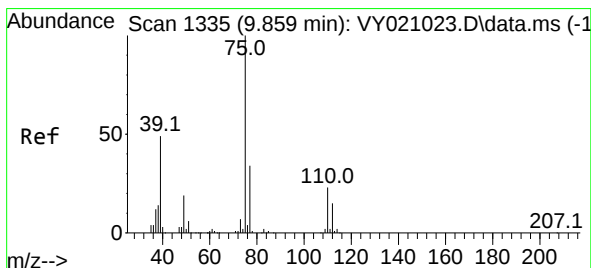
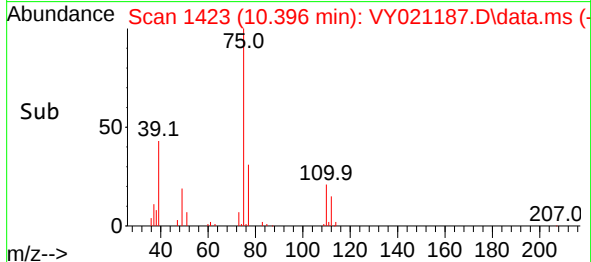
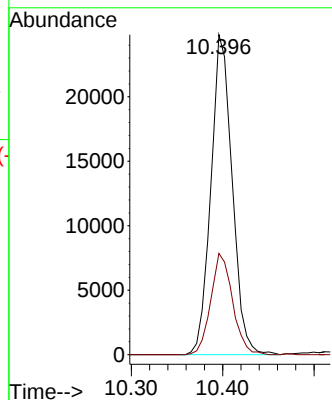
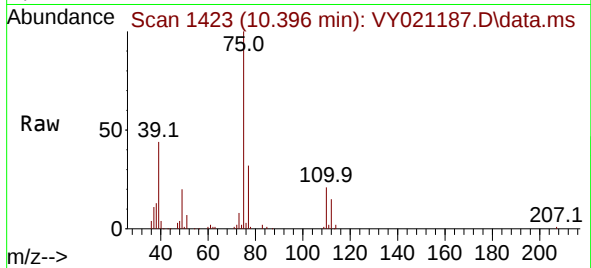




#53
t-1,3-Dichloropropene
Concen: 22.240 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

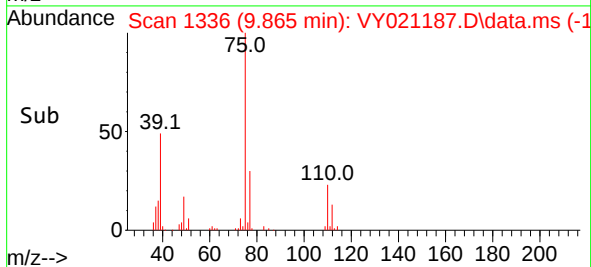
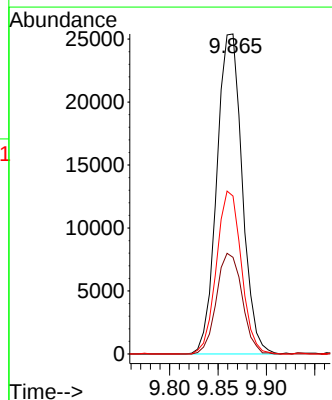
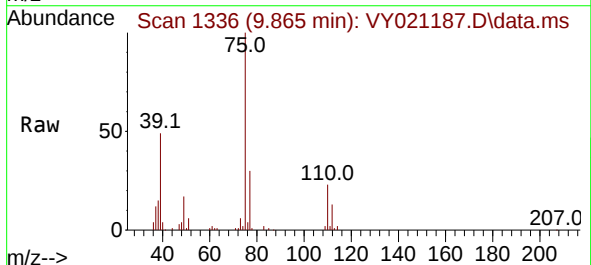
Instrument :
MSVOA_Y
ClientSampleId :

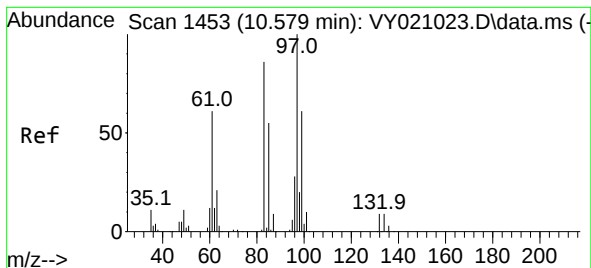
Tgt Ion: 75 Resp: 40207
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 21.633 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion: 75 Resp: 46307
Ion Ratio Lower Upper
75 100
77 30.2 24.6 36.8
39 49.4 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 22.472 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 21846

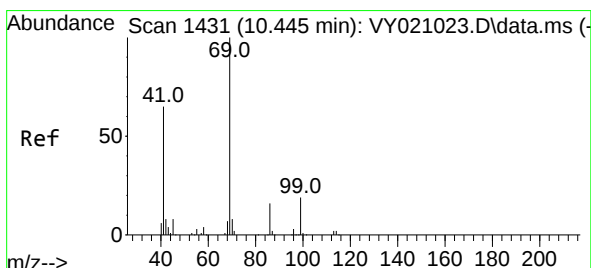
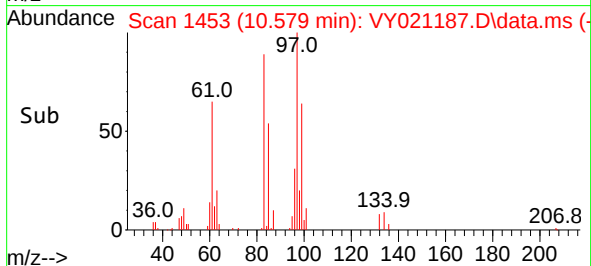
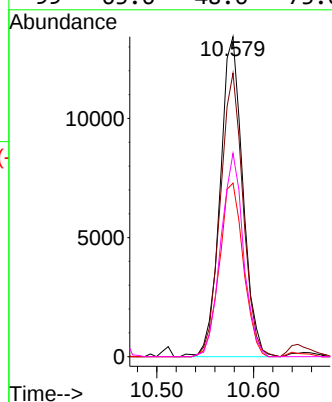
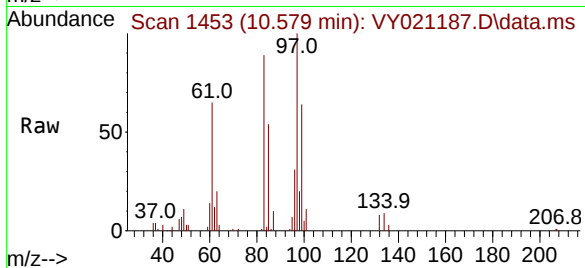
Ion Ratio Lower Upper

97 100

83 88.6 69.4 104.2

85 54.3 43.9 65.9

99 63.6 48.6 73.0



#56

Ethyl methacrylate

Concen: 22.153 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

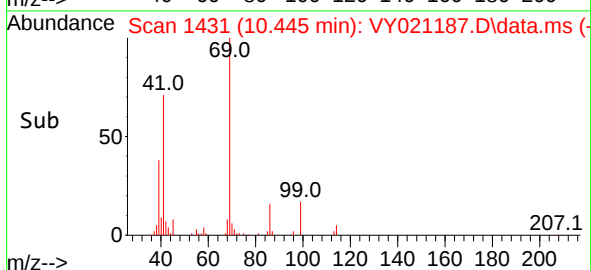
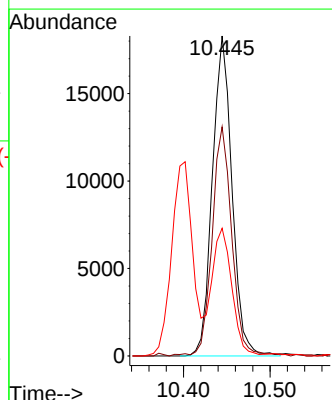
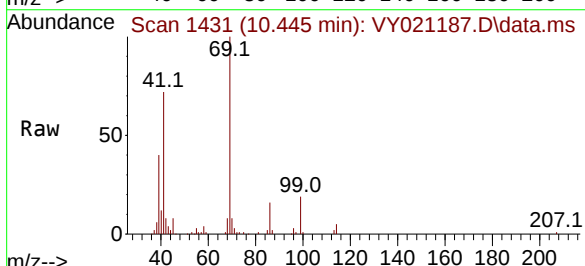
Tgt Ion: 69 Resp: 28811

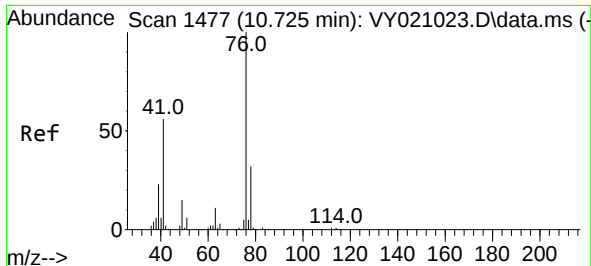
Ion Ratio Lower Upper

69 100

41 71.9 49.2 73.8

39 40.5 26.8 40.2#





#57

1,3-Dichloropropane

Concen: 22.314 ug/l

RT: 10.719 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

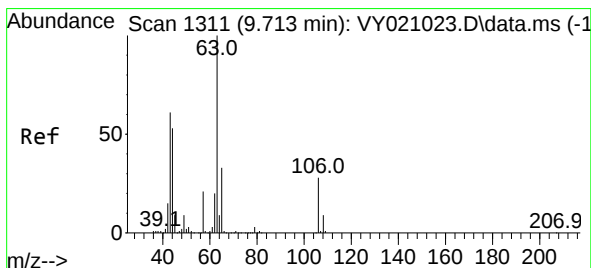
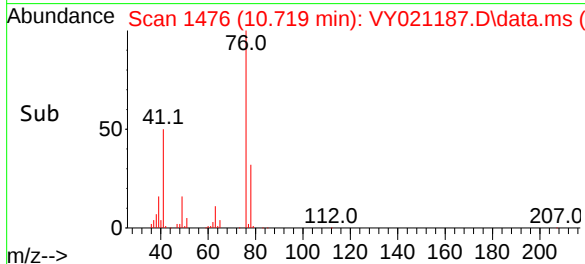
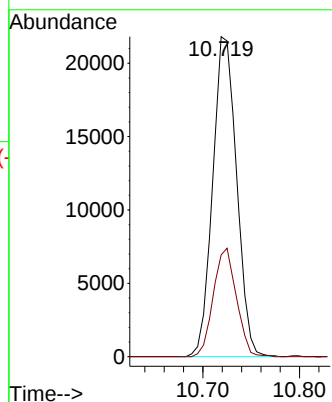
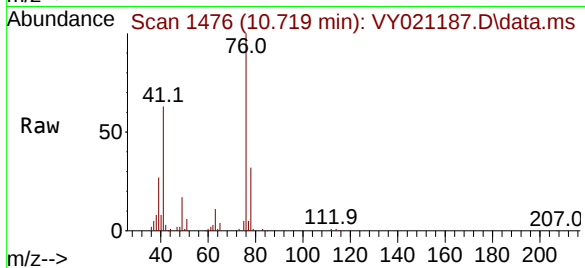
ClientSampleId :

Tgt Ion: 76 Resp: 37547

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 104.666 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY021187.D

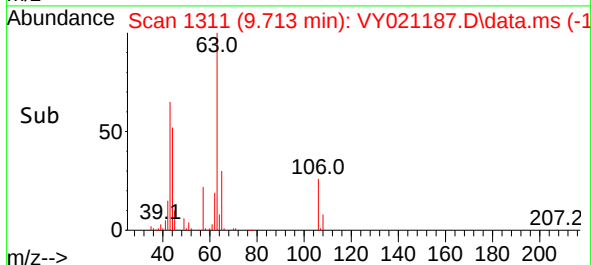
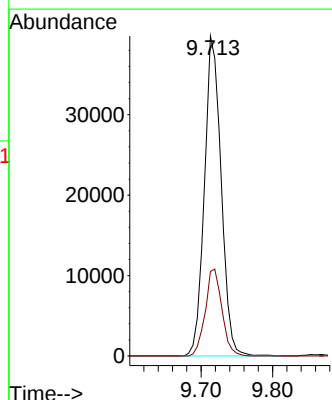
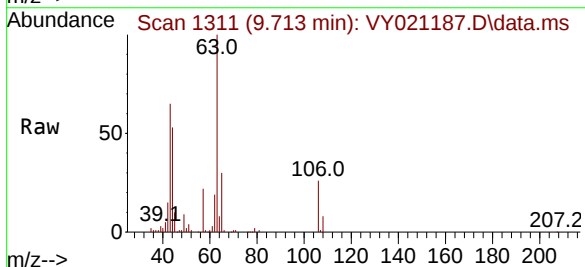
Acq: 13 Feb 2025 10:45

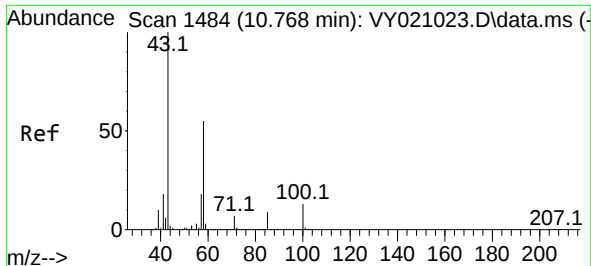
Tgt Ion: 63 Resp: 64759

Ion Ratio Lower Upper

63 100

106 27.1 22.4 33.6

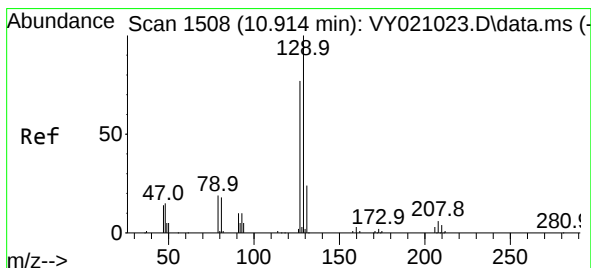
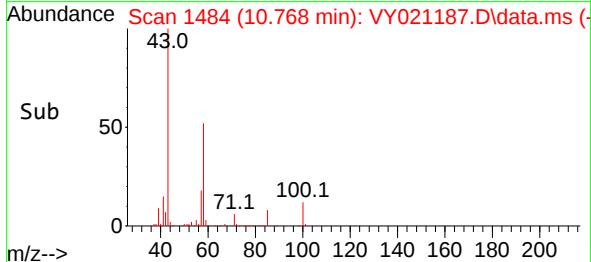
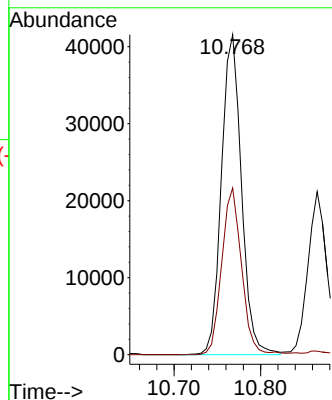
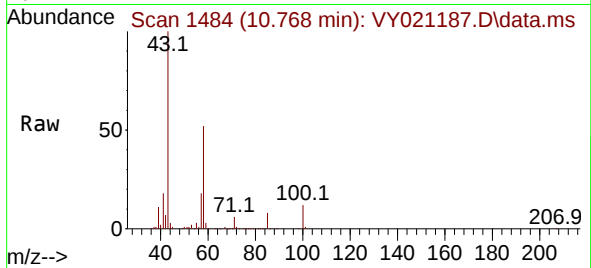




#59
2-Hexanone
Concen: 121.500 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

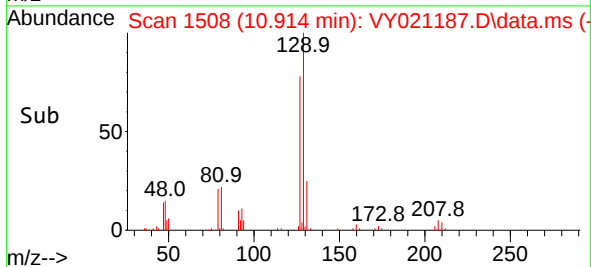
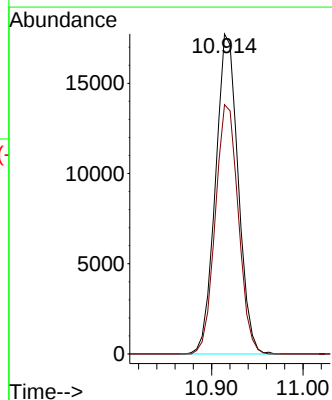
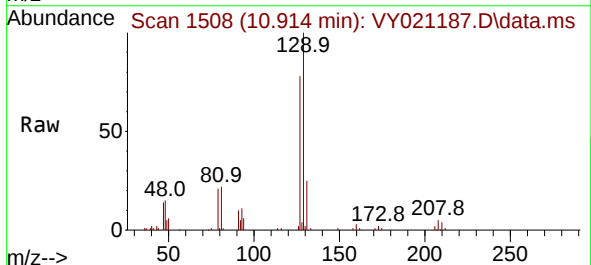
Instrument :
MSVOA_Y
ClientSampleId :

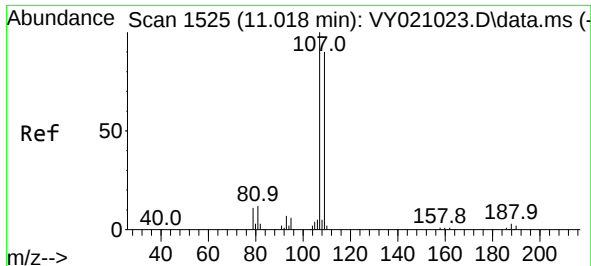
Tgt Ion: 43 Resp: 66752
Ion Ratio Lower Upper
43 100
58 51.5 28.1 84.3



#60
Dibromochloromethane
Concen: 22.406 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion: 129 Resp: 30589
Ion Ratio Lower Upper
129 100
127 79.0 39.2 117.6

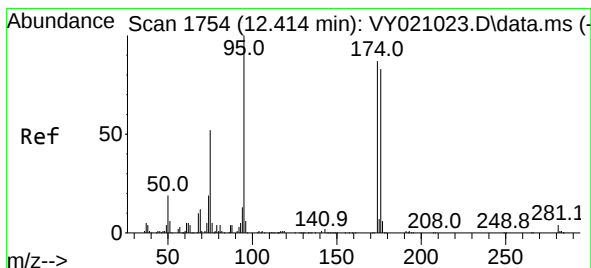
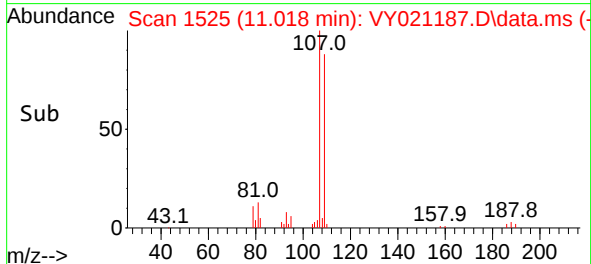
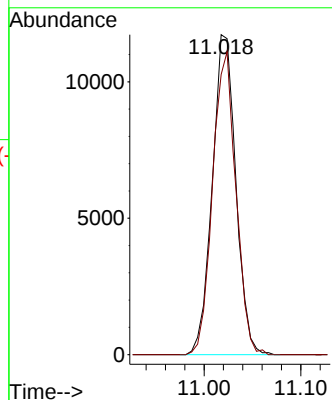
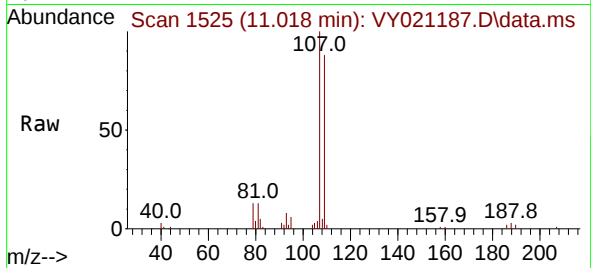




#61
1,2-Dibromoethane
Concen: 21.798 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

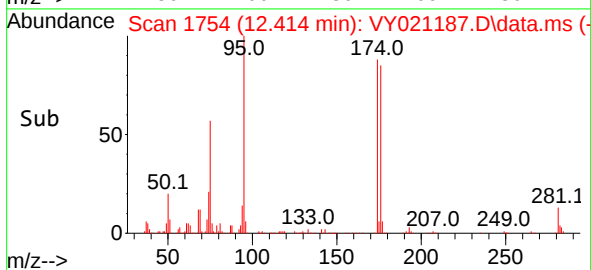
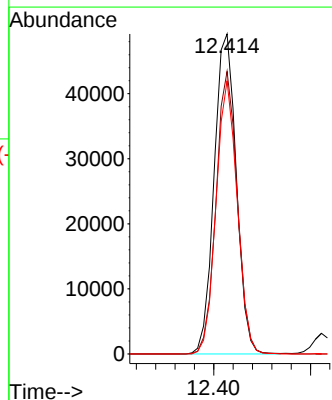
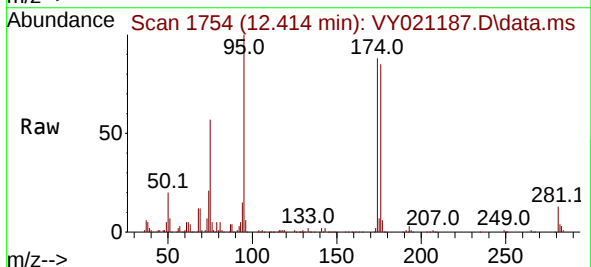
Instrument :
MSVOA_Y
ClientSampleId :

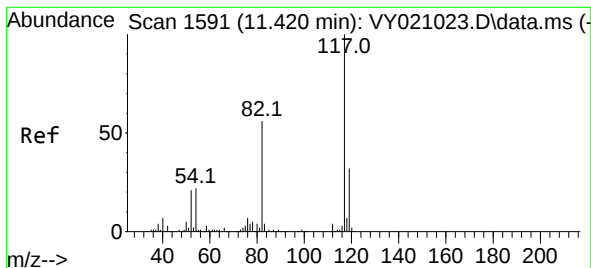
Tgt Ion:107 Resp: 19849
Ion Ratio Lower Upper
107 100
109 93.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.781 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion: 95 Resp: 78102
Ion Ratio Lower Upper
95 100
174 84.7 0.0 160.0
176 81.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

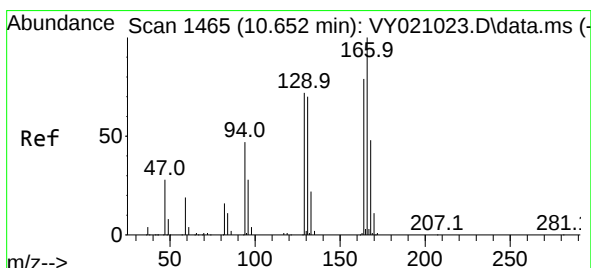
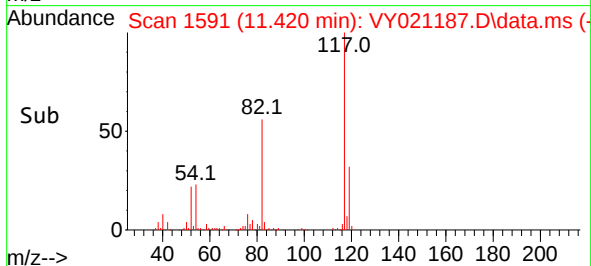
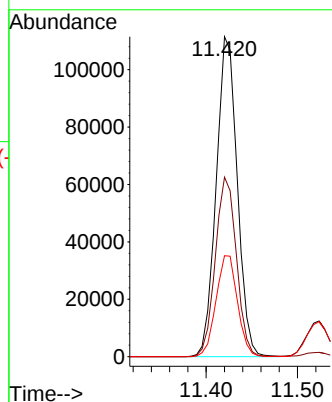
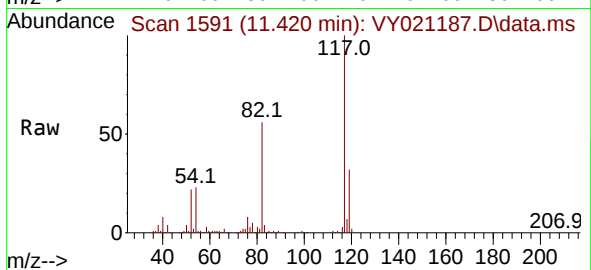
Tgt Ion:117 Resp: 178797

Ion Ratio Lower Upper

117 100

82 56.1 43.8 65.8

119 31.6 26.5 39.7



#64

Tetrachloroethene

Concen: 19.332 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Tgt Ion:164 Resp: 25659

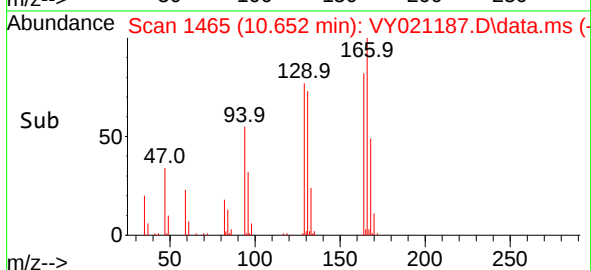
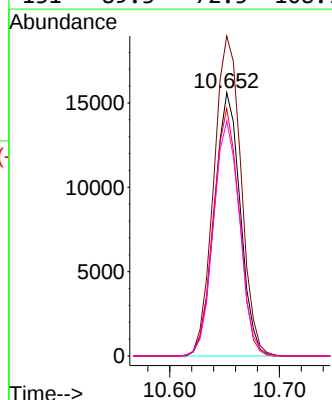
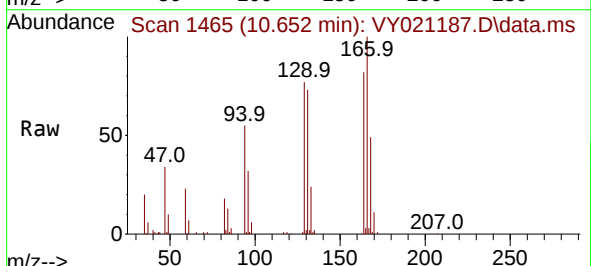
Ion Ratio Lower Upper

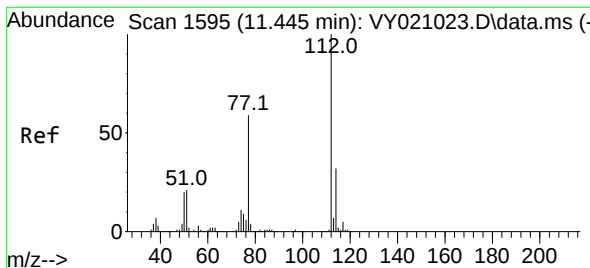
164 100

166 121.5 98.8 148.2

129 94.0 78.9 118.3

131 89.3 72.5 108.7





#65

Chlorobenzene

Concen: 20.835 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

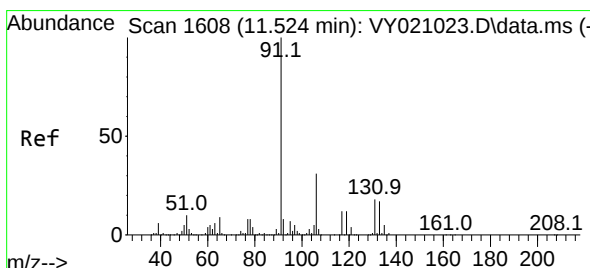
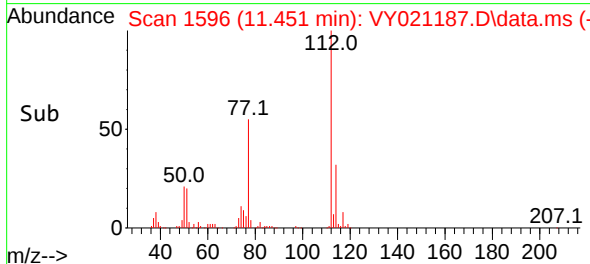
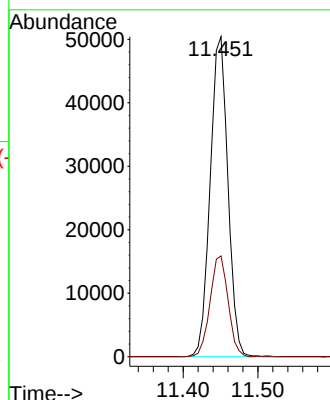
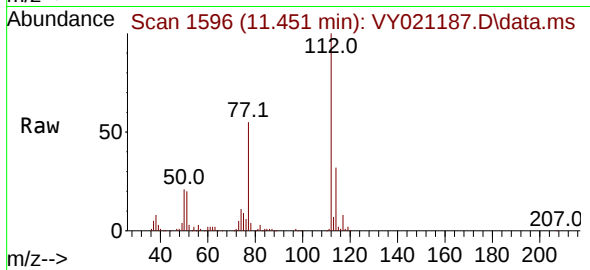
ClientSampleId :

Tgt Ion:112 Resp: 82947

Ion Ratio Lower Upper

112 100

114 31.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 21.936 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

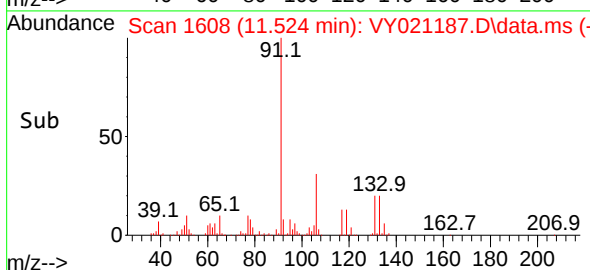
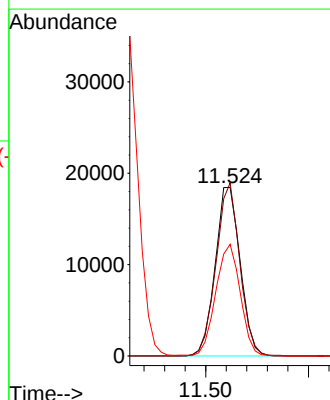
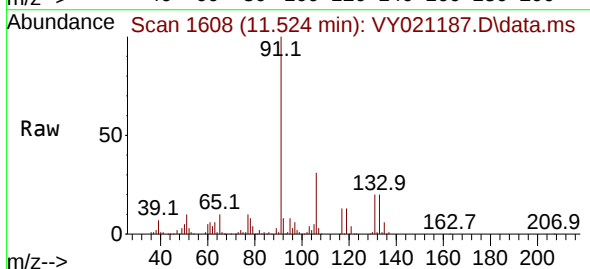
Tgt Ion:131 Resp: 31036

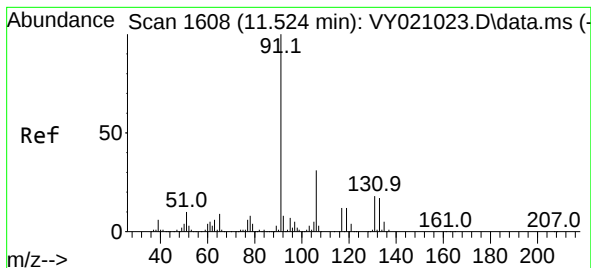
Ion Ratio Lower Upper

131 100

133 97.7 47.0 141.0

119 65.2 33.3 99.9





#67

Ethyl Benzene

Concen: 20.790 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

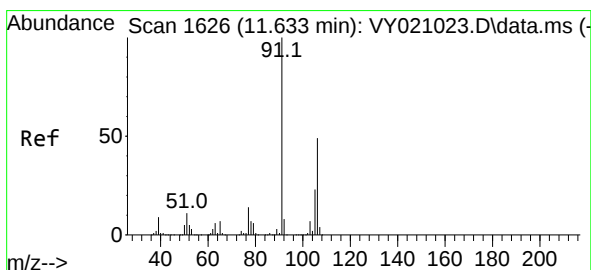
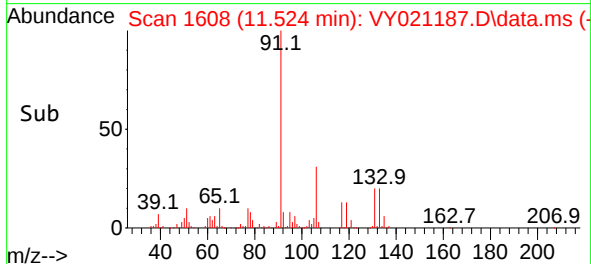
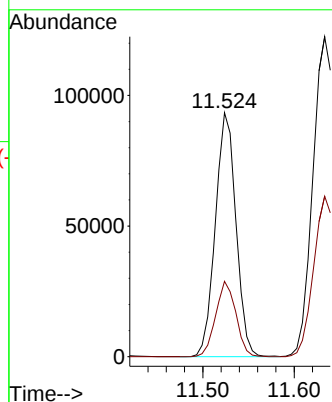
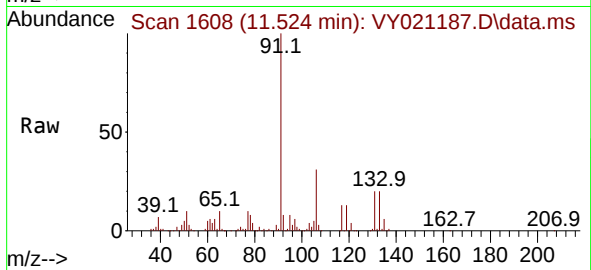
ClientSampleId :

Tgt Ion: 91 Resp: 146398

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.4



#68

m/p-Xylenes

Concen: 41.700 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021187.D

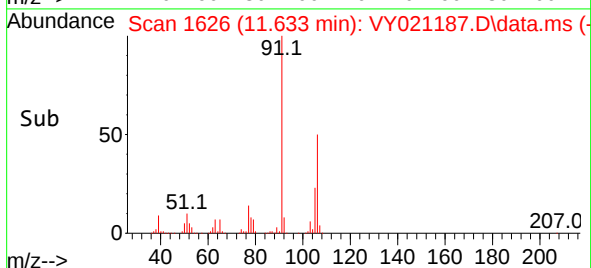
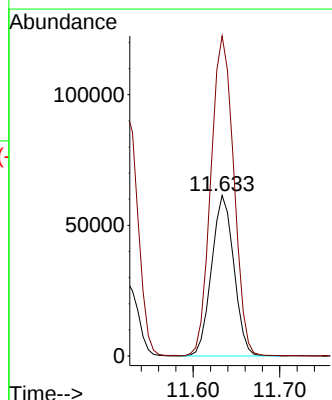
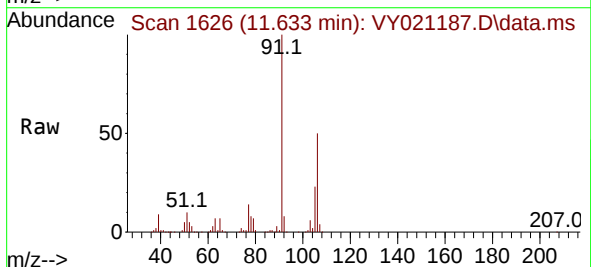
Acq: 13 Feb 2025 10:45

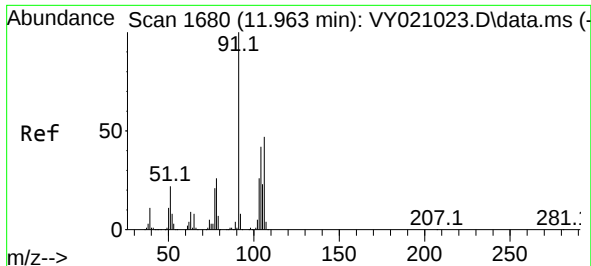
Tgt Ion:106 Resp: 109851

Ion Ratio Lower Upper

106 100

91 204.8 160.7 241.1

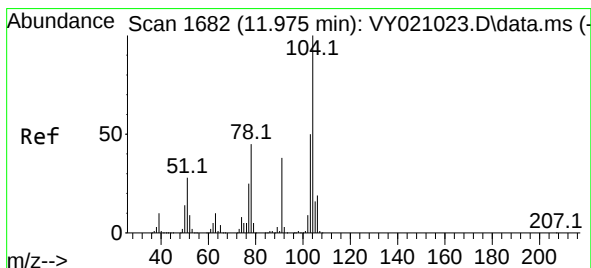
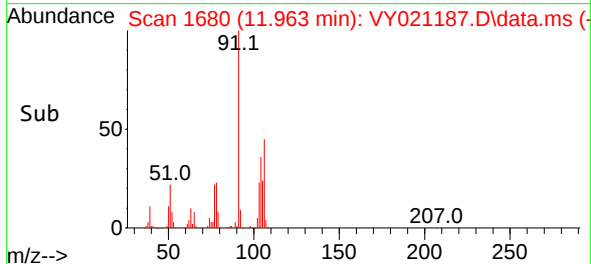
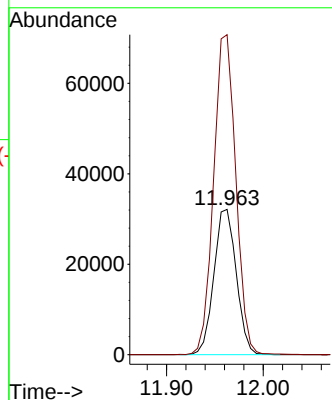
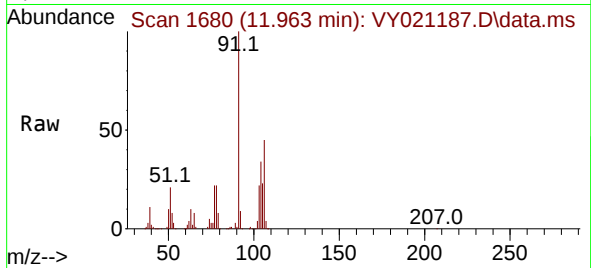




#69
o-Xylene
Concen: 21.042 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

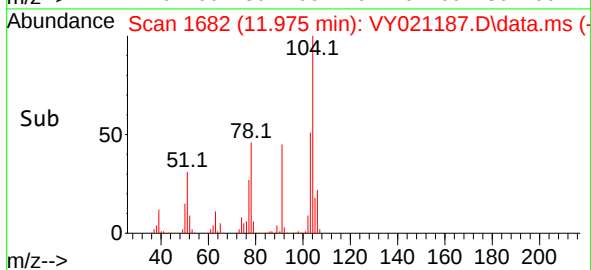
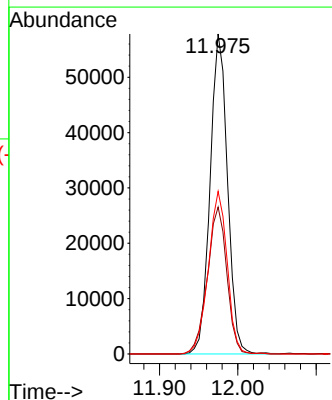
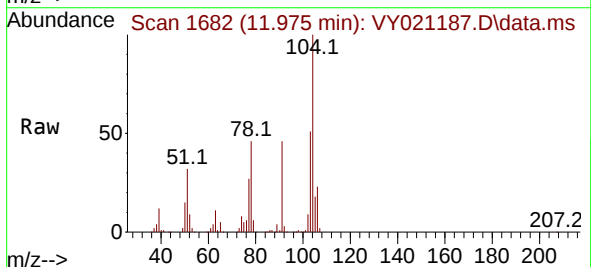
Instrument :
MSVOA_Y
ClientSampleId :

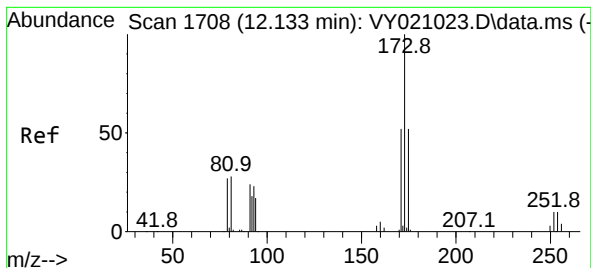
Tgt Ion:106 Resp: 51679
Ion Ratio Lower Upper
106 100
91 218.3 106.5 319.5



#70
Styrene
Concen: 21.799 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion:104 Resp: 89233
Ion Ratio Lower Upper
104 100
78 51.2 39.2 58.8
103 55.1 43.8 65.6





#71

Bromoform

Concen: 22.704 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021187.D

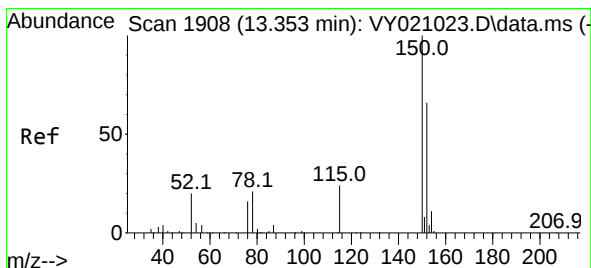
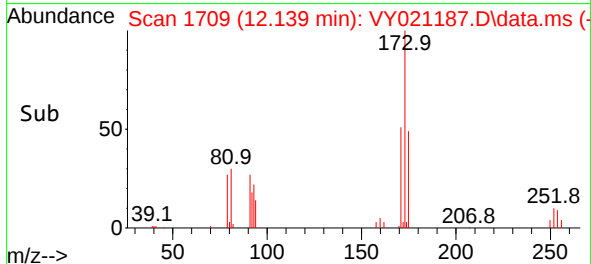
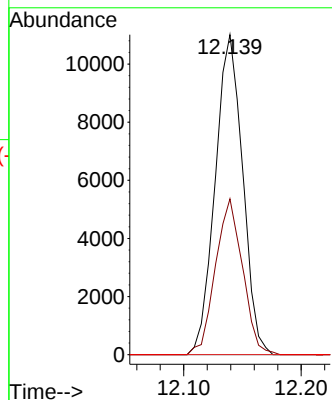
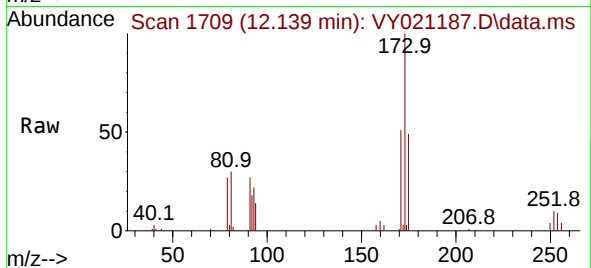
Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	17880
Ion Ratio	Lower	Upper
173	100	
175	48.1	23.5 70.6
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

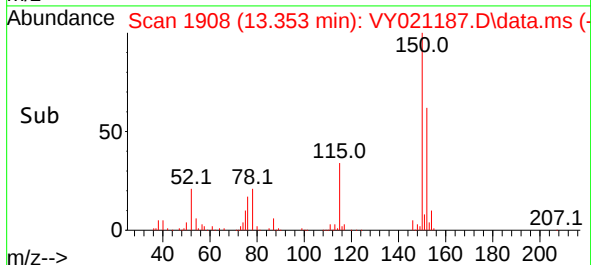
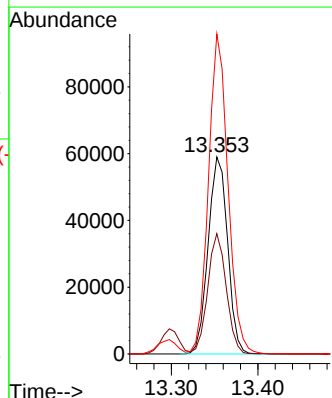
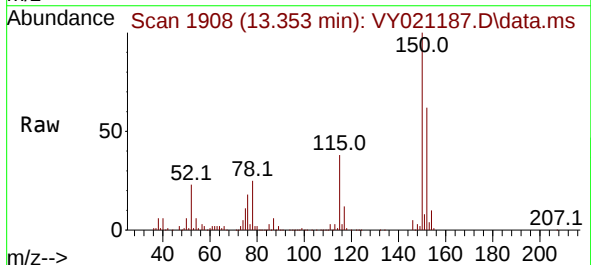
RT: 13.353 min Scan# 1908

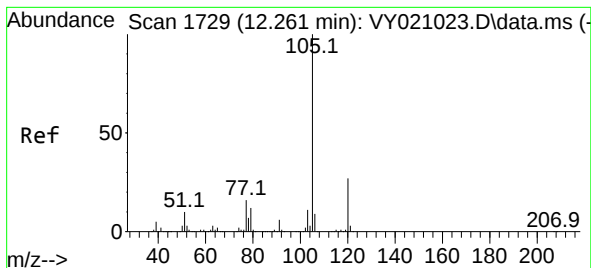
Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Tgt Ion:152	Resp:	92132
Ion Ratio	Lower	Upper
152	100	
115	58.2	30.0 90.0
150	162.7	0.0 344.6





#73

Isopropylbenzene

Concen: 20.115 ug/l

RT: 12.261 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

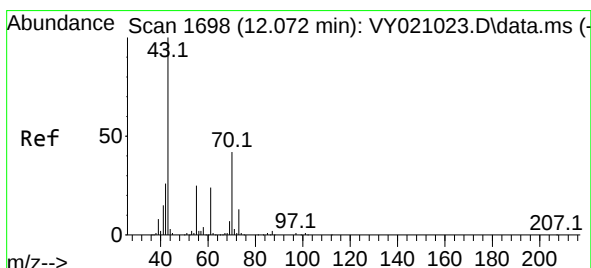
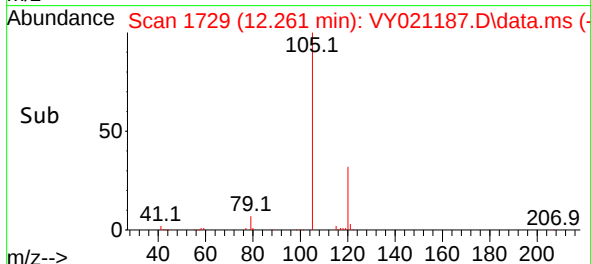
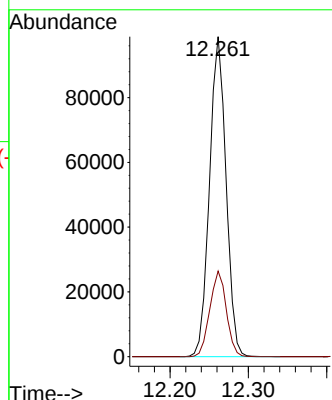
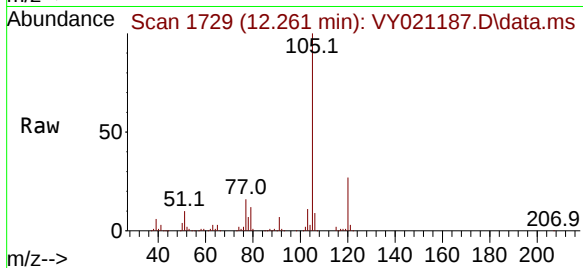
ClientSampleId :

Tgt Ion:105 Resp: 144764

Ion Ratio Lower Upper

105 100

120 26.6 13.0 39.0



#74

N-ethyl acetate

Concen: 21.997 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Tgt Ion: 43 Resp: 34610

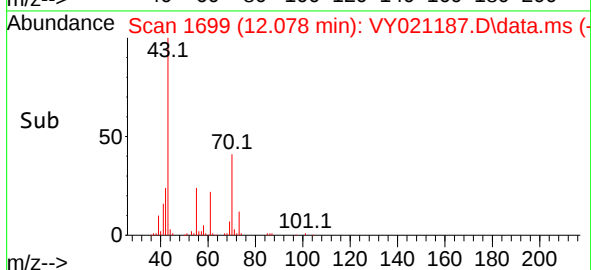
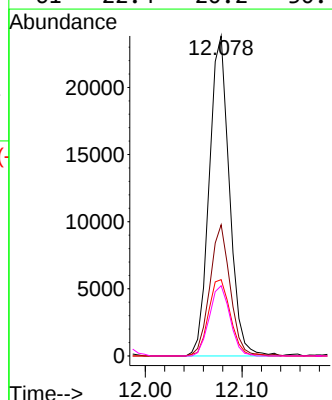
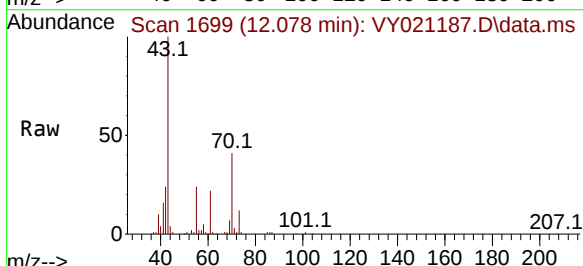
Ion Ratio Lower Upper

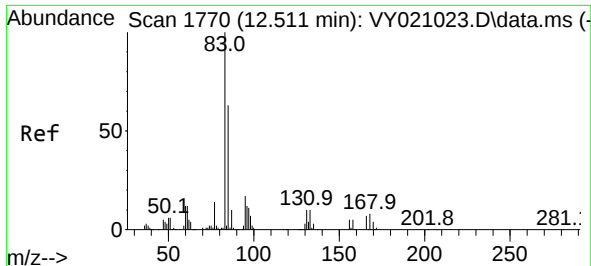
43 100

70 41.4 36.6 55.0

55 25.9 22.2 33.4

61 22.4 20.2 30.4

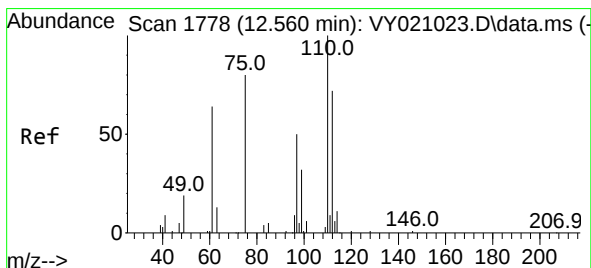
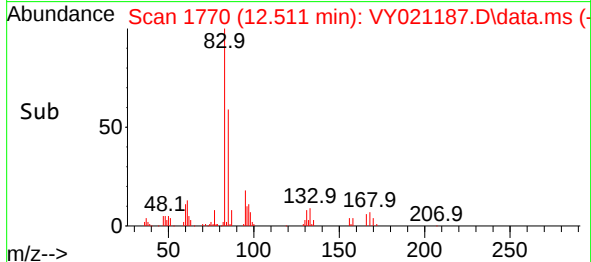
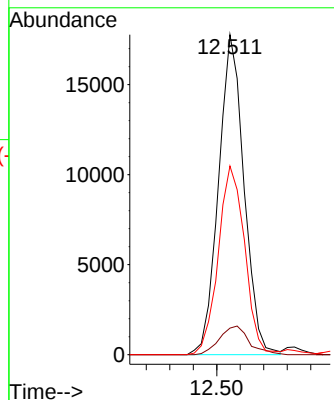
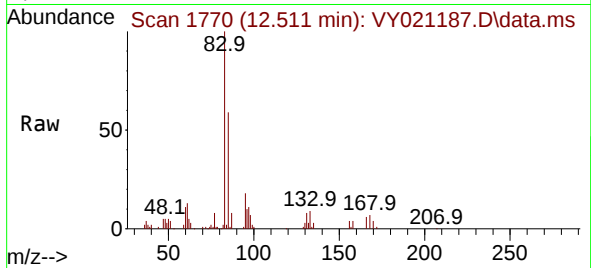




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.362 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: VY021187.D
 Acq: 13 Feb 2025 10:45

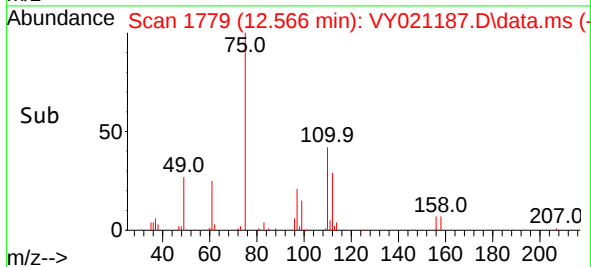
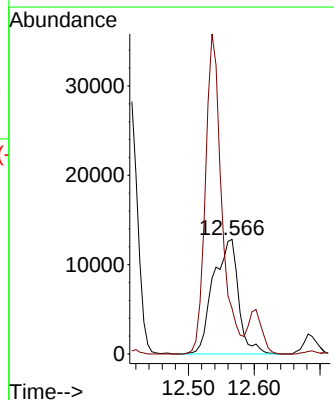
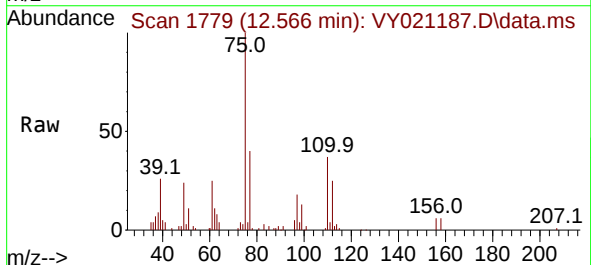
Instrument :
 MSVOA_Y
 ClientSampleId :

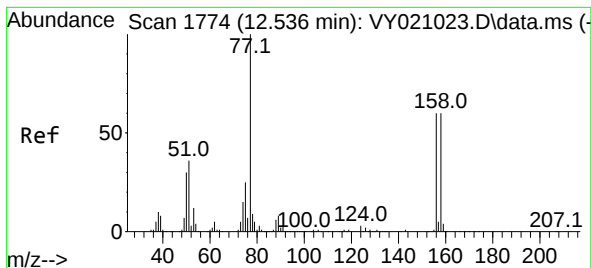
Tgt Ion: 83 Resp: 26766
 Ion Ratio Lower Upper
 83 100
 131 10.4 4.9 14.6
 85 61.3 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 40.969 ug/l
 RT: 12.566 min Scan# 1779
 Delta R.T. 0.006 min
 Lab File: VY021187.D
 Acq: 13 Feb 2025 10:45

Tgt Ion: 75 Resp: 34240
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.336 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY021187.D

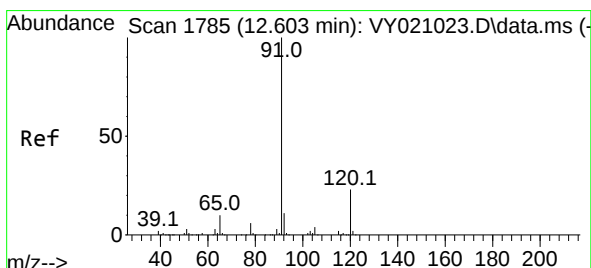
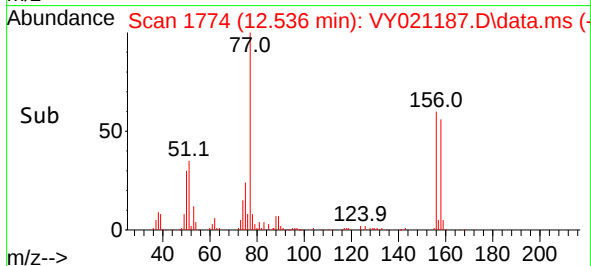
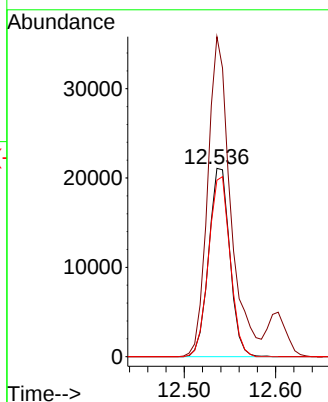
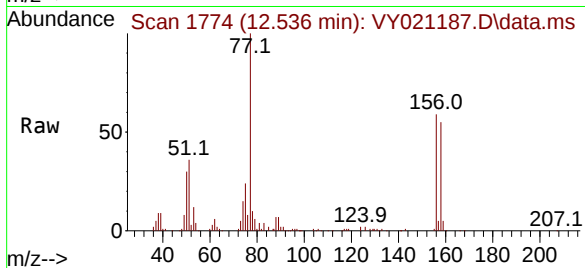
Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	33774
Ion	Ratio	Lower	Upper
156	100		
77	184.0	97.3	291.8
158	97.9	48.4	145.0



#78

n-propylbenzene

Concen: 20.611 ug/l

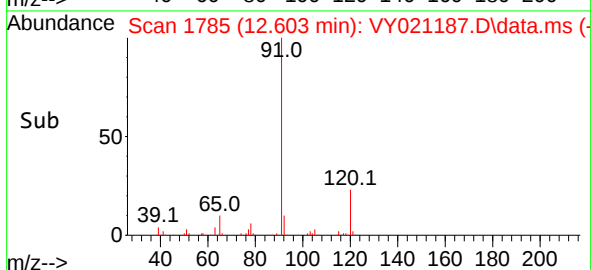
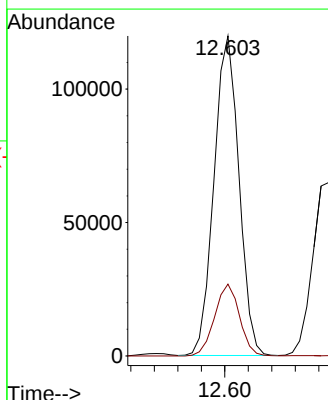
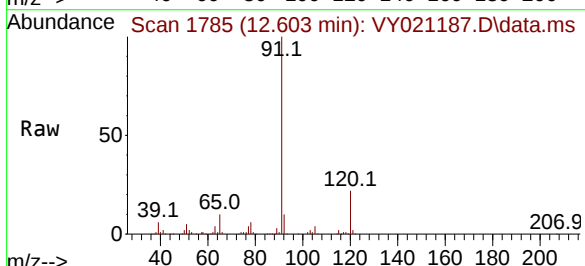
RT: 12.603 min Scan# 1785

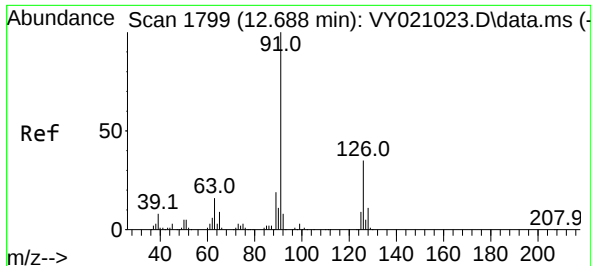
Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Tgt Ion:	91	Resp:	176702
Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.0	33.0

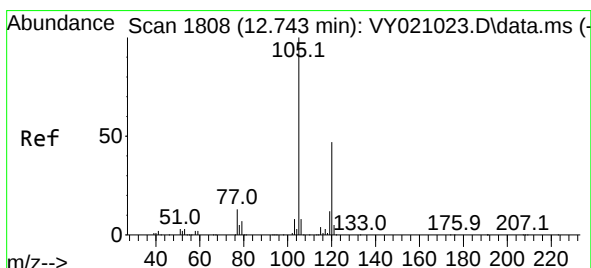
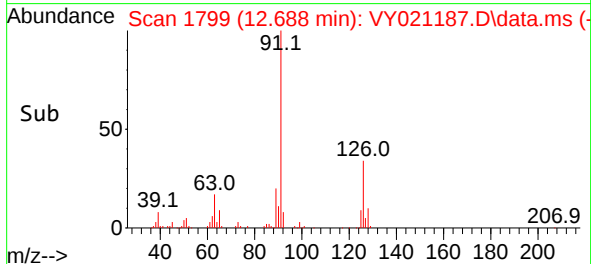
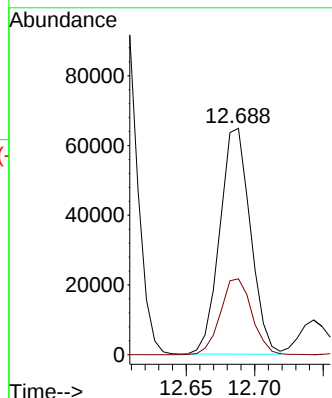
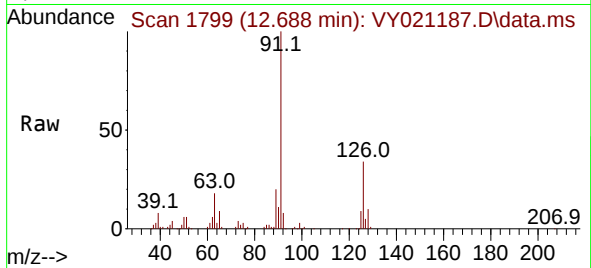




#79
2-Chlorotoluene
Concen: 20.555 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

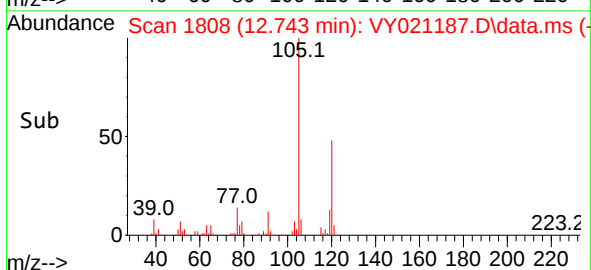
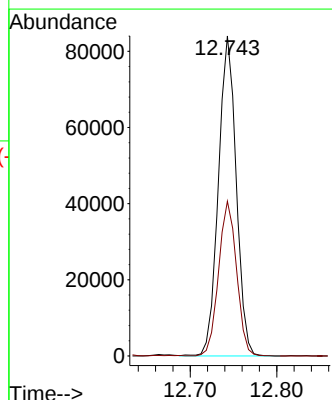
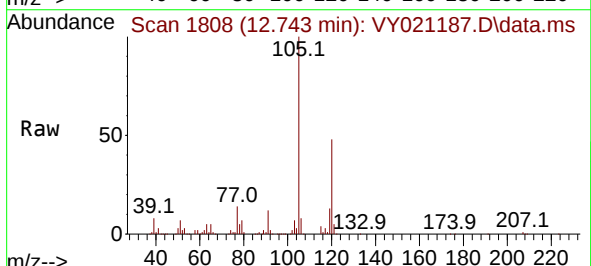
Instrument :
MSVOA_Y
ClientSampleId :

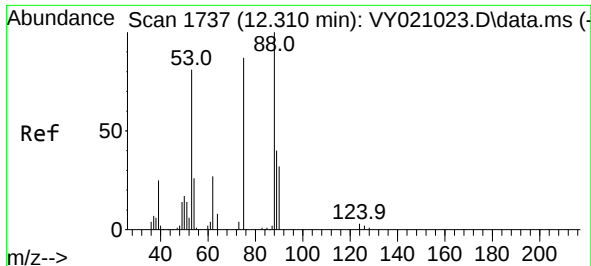
Tgt Ion: 91 Resp: 100931
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.568 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion:105 Resp: 120012
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

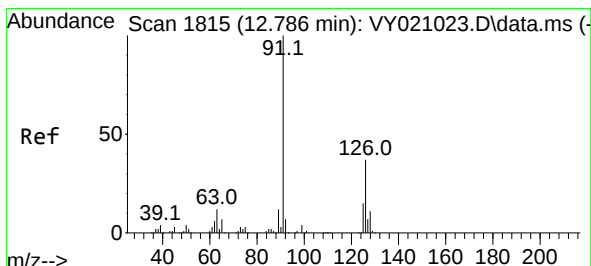
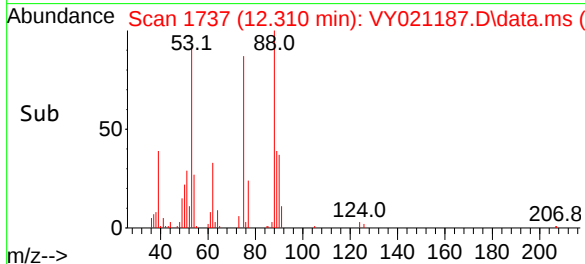
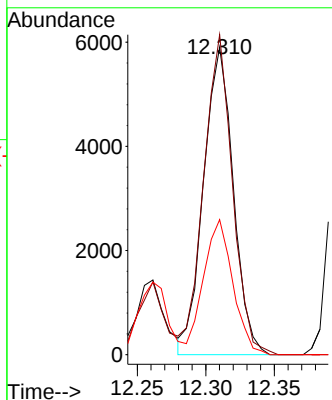
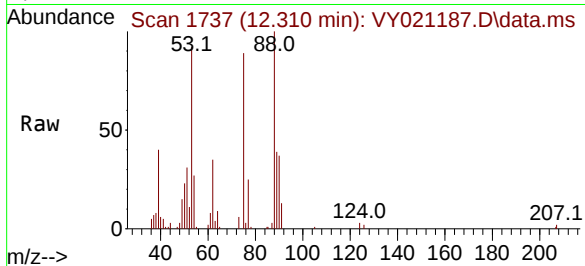




#81
trans-1,4-Dichloro-2-butene
Concen: 21.741 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

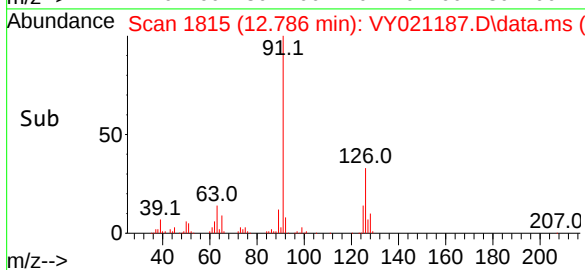
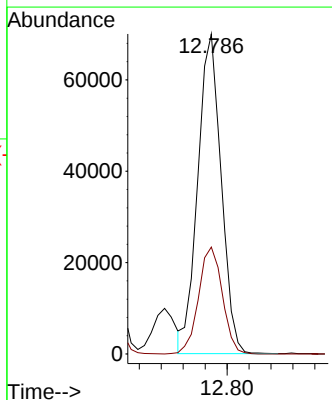
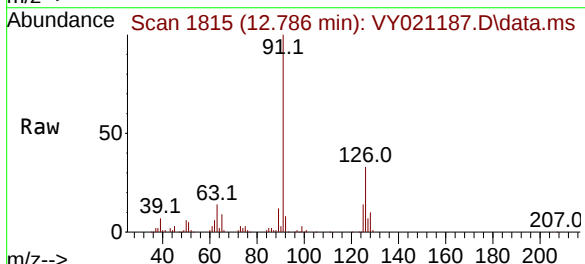
Instrument :
MSVOA_Y
ClientSampleId :

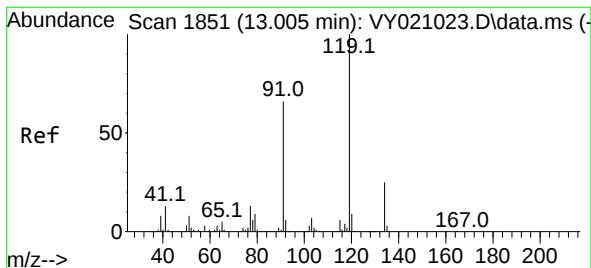
Tgt Ion: 75 Resp: 8905
Ion Ratio Lower Upper
75 100
53 100.6 74.0 111.0
89 43.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.694 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion: 91 Resp: 103529
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.989 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

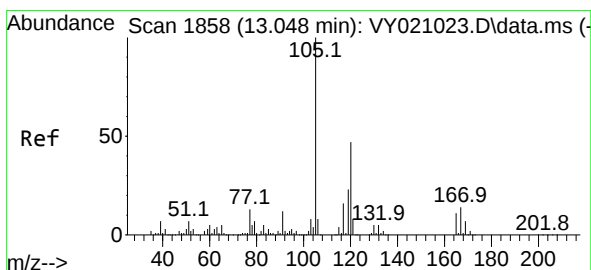
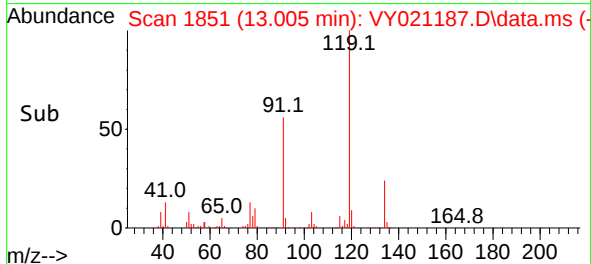
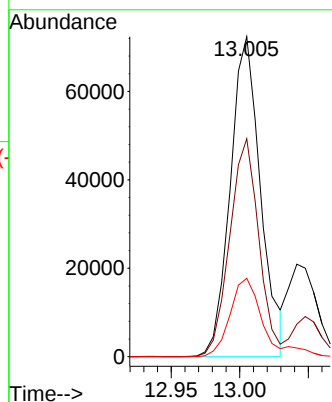
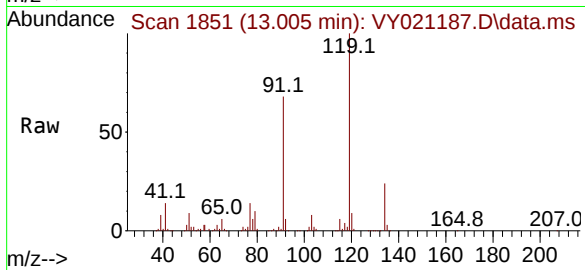
Tgt Ion:119 Resp: 111321

Ion Ratio Lower Upper

119 100

91 65.6 31.5 94.5

134 26.8 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.548 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY021187.D

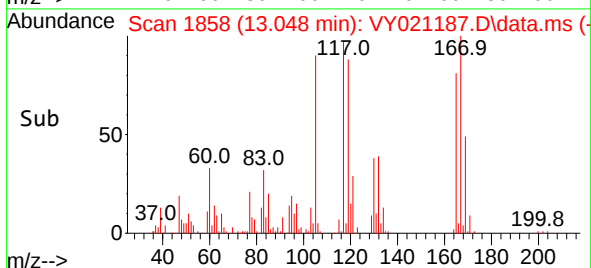
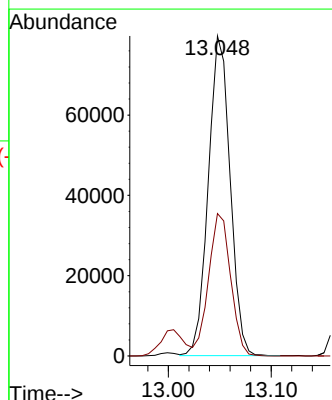
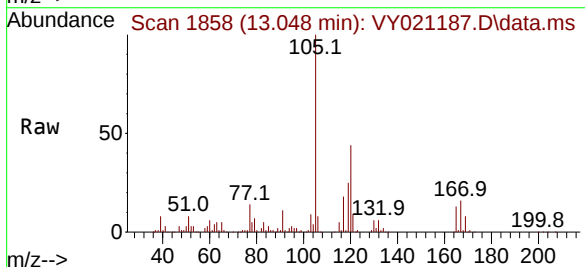
Acq: 13 Feb 2025 10:45

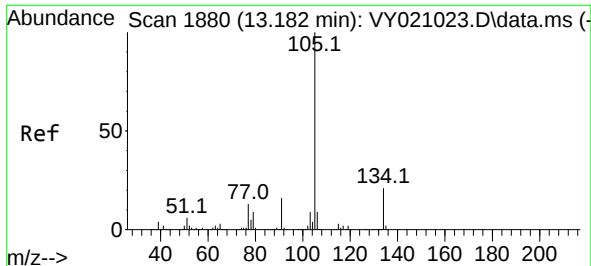
Tgt Ion:105 Resp: 117231

Ion Ratio Lower Upper

105 100

120 45.0 22.1 66.3

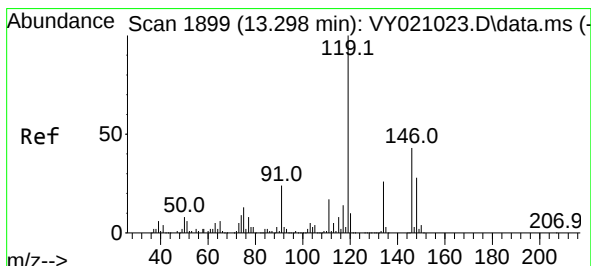
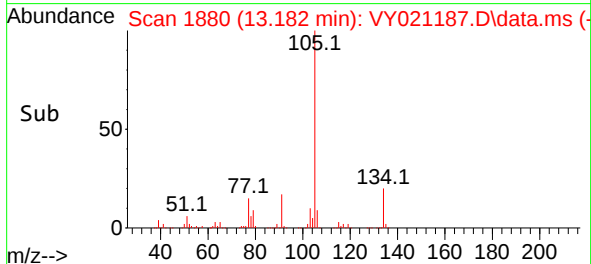
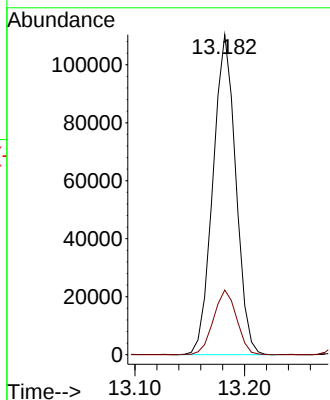
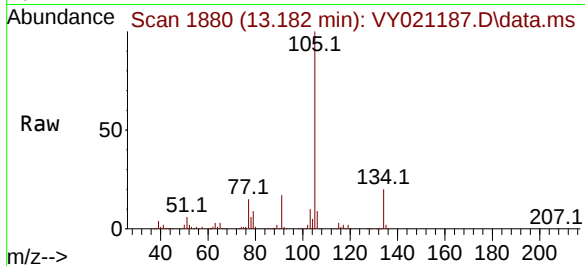




#85
 sec-Butylbenzene
 Concen: 20.960 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VY021187.D
 Acq: 13 Feb 2025 10:45

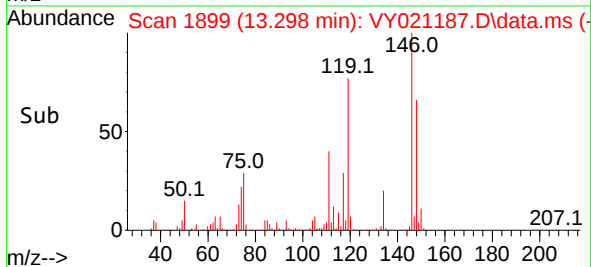
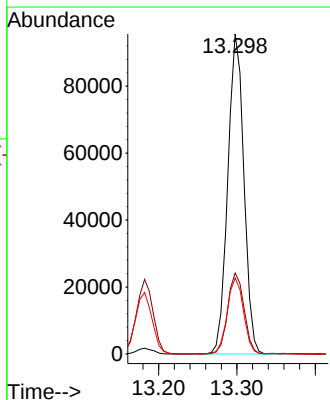
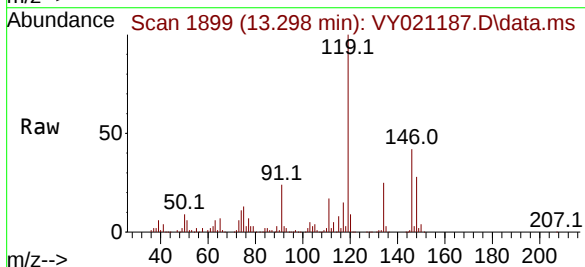
Instrument :
 MSVOA_Y
 ClientSampleId :

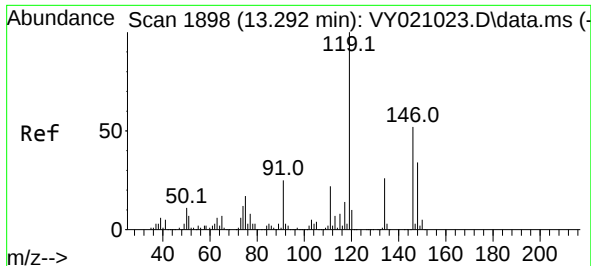
Tgt Ion:105 Resp: 160016
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 21.513 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY021187.D
 Acq: 13 Feb 2025 10:45

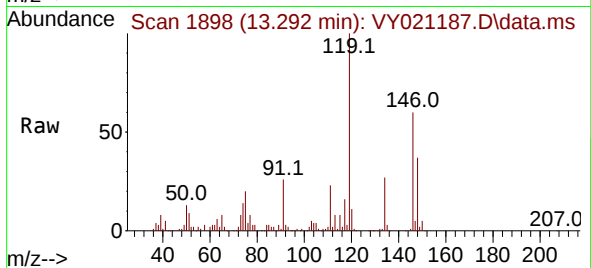
Tgt Ion:119 Resp: 136432
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.1
 91 24.0 11.7 35.0



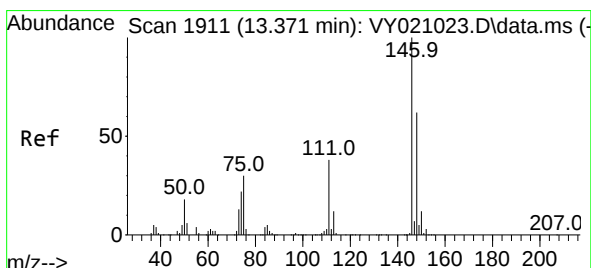
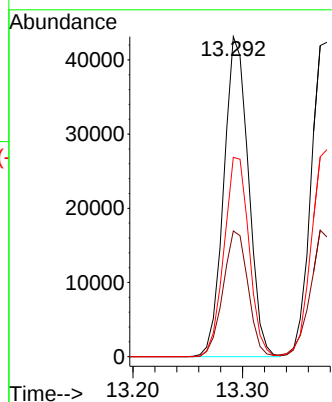
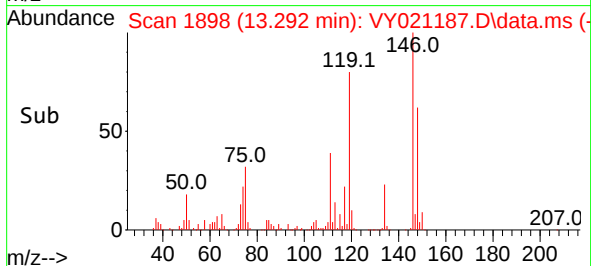


#87
1,3-Dichlorobenzene
Concen: 21.017 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

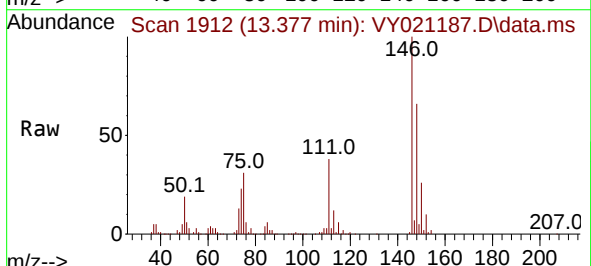
Instrument :
MSVOA_Y
ClientSampleId :



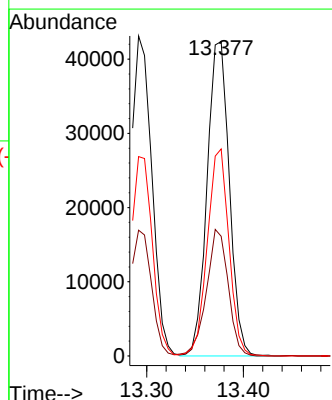
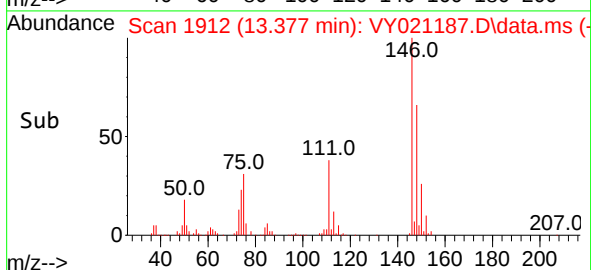
Tgt Ion:146 Resp: 67395
Ion Ratio Lower Upper
146 100
111 39.7 20.2 60.5
148 63.2 31.9 95.9

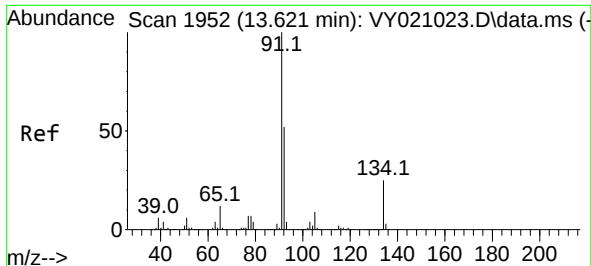


#88
1,4-Dichlorobenzene
Concen: 21.477 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45



Tgt Ion:146 Resp: 67813
Ion Ratio Lower Upper
146 100
111 39.4 19.3 57.9
148 63.9 31.6 94.7

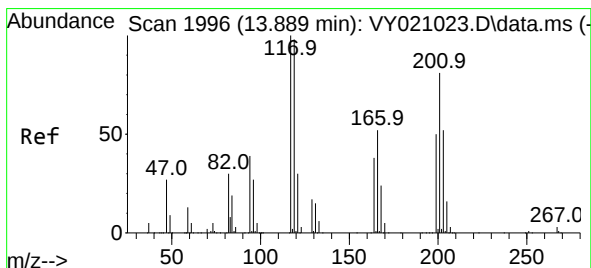
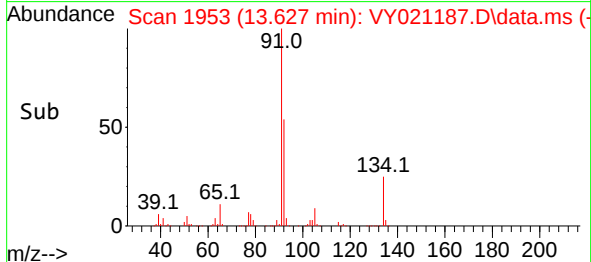
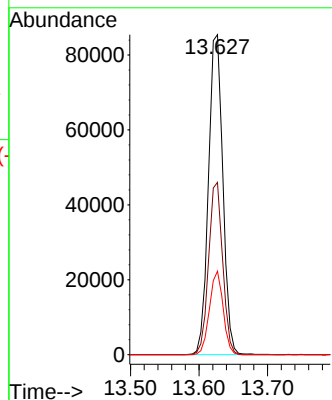
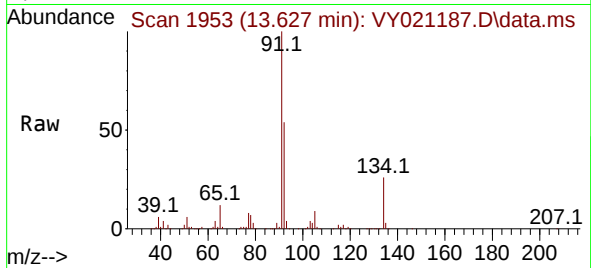




#89
n-Butylbenzene
Concen: 21.580 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

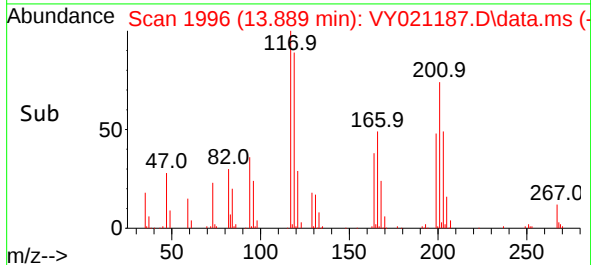
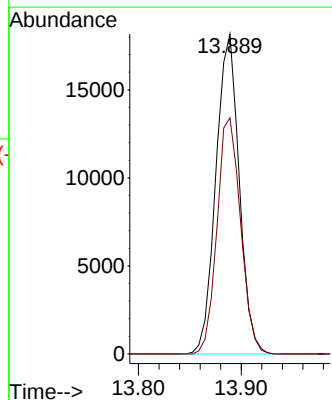
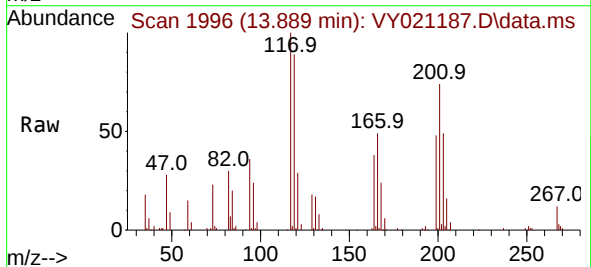
Instrument :
MSVOA_Y
ClientSampleId :

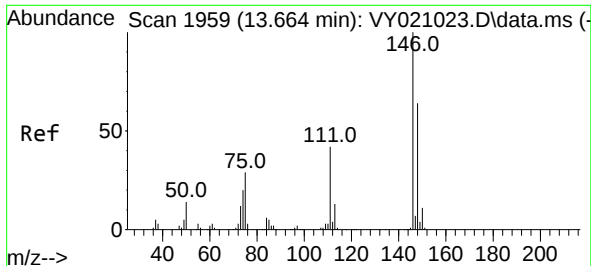
Tgt Ion: 91 Resp: 124852
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 24.8 12.3 36.8



#90
Hexachloroethane
Concen: 21.611 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion: 117 Resp: 28592
Ion Ratio Lower Upper
117 100
201 74.5 33.4 100.1

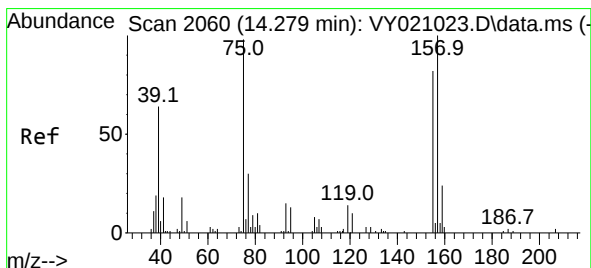
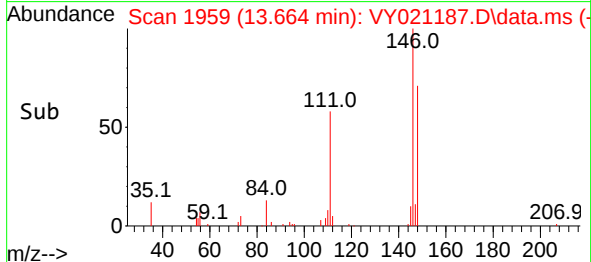
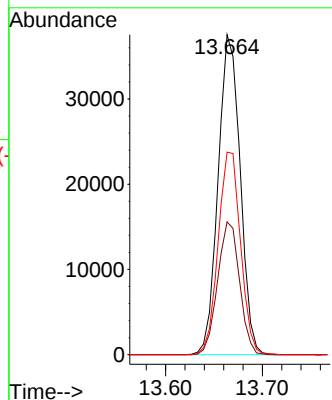
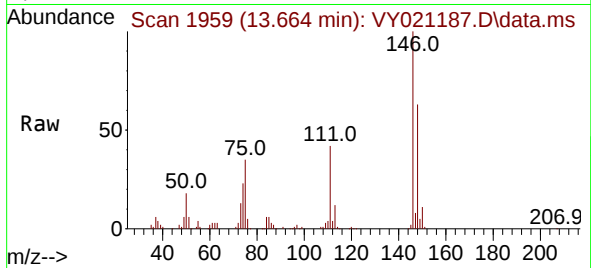




#91
1,2-Dichlorobenzene
Concen: 21.332 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

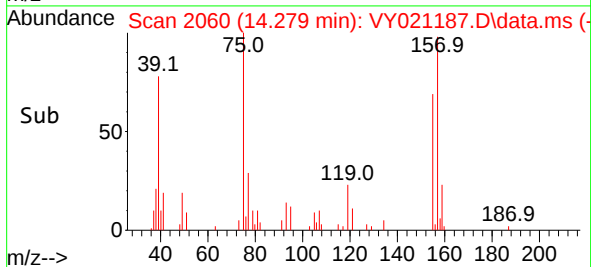
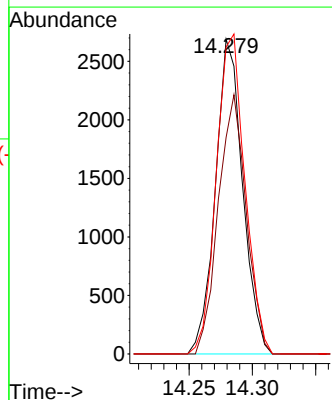
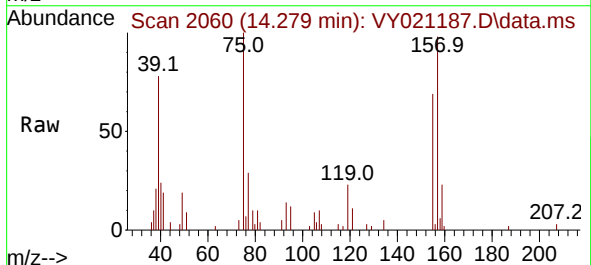
Instrument :
MSVOA_Y
ClientSampleId :

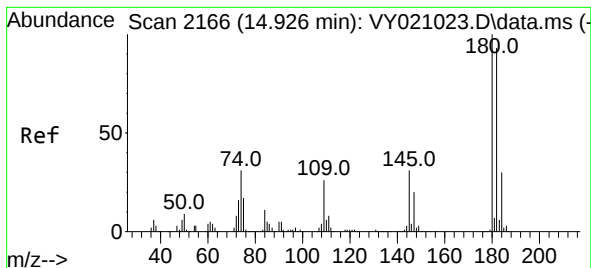
Tgt Ion:146 Resp: 59373
Ion Ratio Lower Upper
146 100
111 41.2 20.5 61.6
148 64.3 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.470 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY021187.D
Acq: 13 Feb 2025 10:45

Tgt Ion: 75 Resp: 4019
Ion Ratio Lower Upper
75 100
155 84.5 42.1 126.3
157 106.7 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 21.344 ug/l

RT: 14.932 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

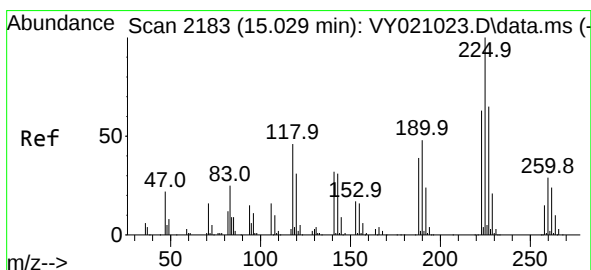
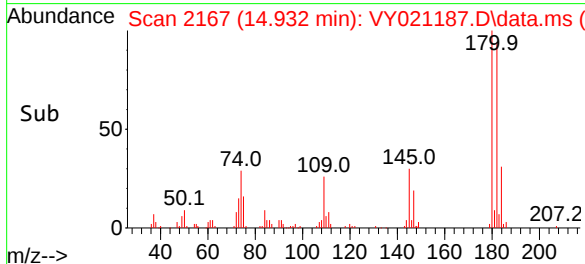
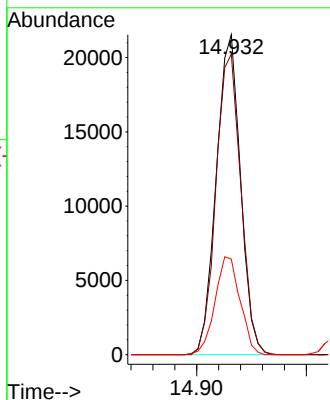
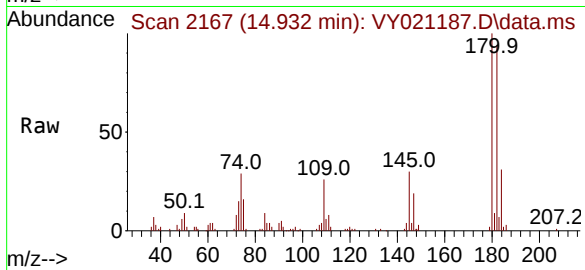
Tgt Ion:180 Resp: 33067

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.7

145 31.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 22.409 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

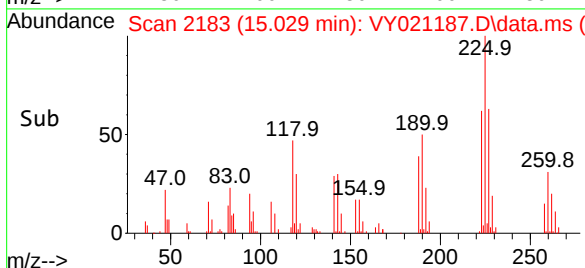
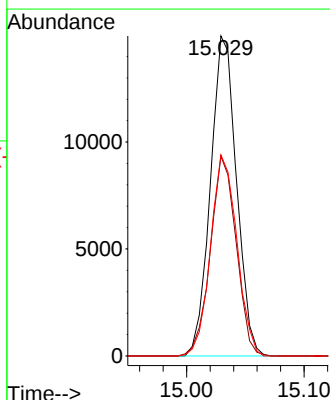
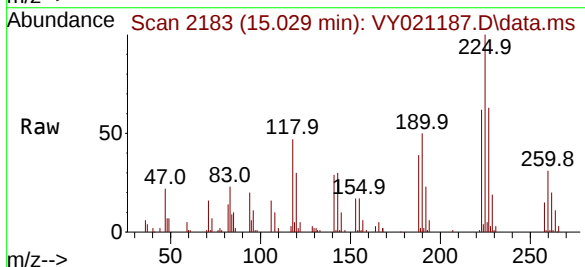
Tgt Ion:225 Resp: 23006

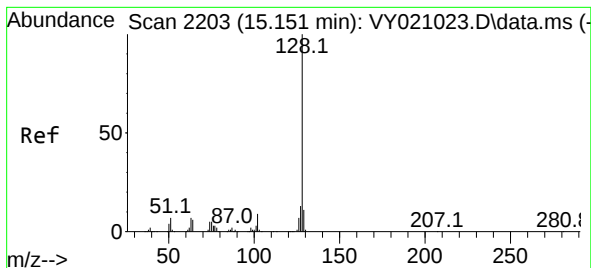
Ion Ratio Lower Upper

225 100

223 61.8 31.4 94.3

227 63.7 32.3 96.8





#95

Naphthalene

Concen: 22.297 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

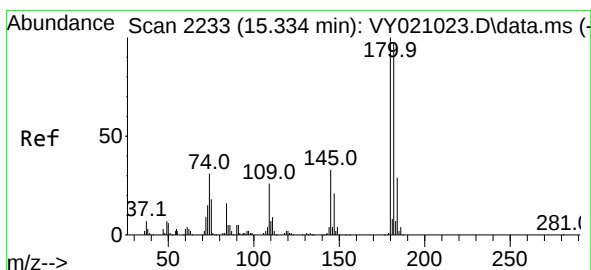
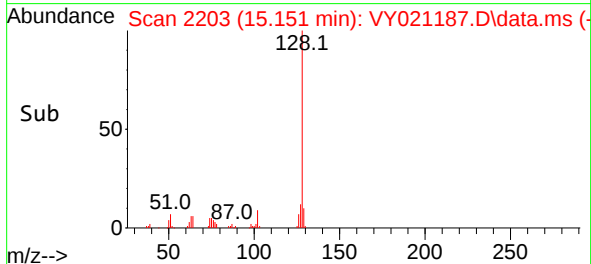
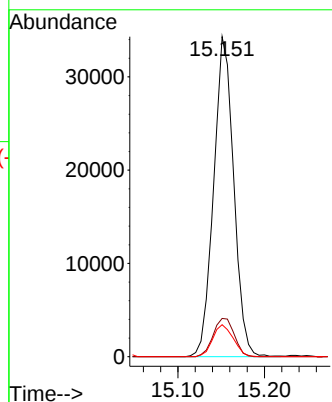
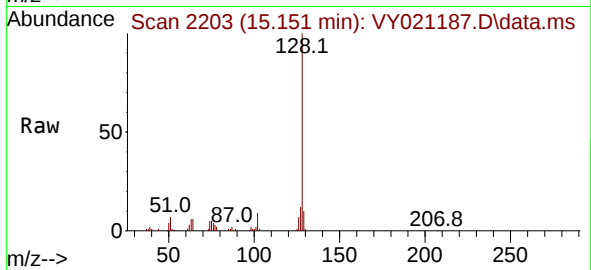
Tgt Ion:128 Resp: 55265

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 22.480 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021187.D

Acq: 13 Feb 2025 10:45

Tgt Ion:180 Resp: 28983

Ion Ratio Lower Upper

180 100

182 94.1 46.3 138.8

145 31.5 16.1 48.2

