

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020983.D
 Acq On : 30 Jan 2025 13:56
 Operator : SY/MD
 Sample : VY0130SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 04:40:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 02:19:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	221527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	320476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	275335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	141435	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.066	65	91031	48.264	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.520%
35) Dibromofluoromethane	7.640	113	94802	49.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.420%
50) Toluene-d8	10.109	98	370103	49.217	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.413	95	127653	50.590	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	101.180%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	40614	21.561	ug/l	99
3) Chloromethane	2.074	50	24681	20.610	ug/l	96
4) Vinyl Chloride	2.208	62	25016	20.260	ug/l	99
5) Bromomethane	2.598	94	18115	21.672	ug/l	95
6) Chloroethane	2.738	64	14167	19.641	ug/l	100
7) Trichlorofluoromethane	3.067	101	63178	21.202	ug/l	99
8) Diethyl Ether	3.464	74	20314	22.836	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.817	101	44192	22.025	ug/l	97
10) Methyl Iodide	4.012	142	46013	20.040	ug/l	98
11) Tert butyl alcohol	4.866	59	14777	107.253	ug/l	96
12) 1,1-Dichloroethene	3.793	96	39932	21.296	ug/l	98
13) Acrolein	3.653	56	18309	115.399	ug/l	99
14) Allyl chloride	4.390	41	54099	20.957	ug/l	100
15) Acrylonitrile	5.067	53	39132	106.944	ug/l	98
16) Acetone	3.872	43	26227	102.023	ug/l	99
17) Carbon Disulfide	4.110	76	120998	20.951	ug/l	99
18) Methyl Acetate	4.396	43	19004	21.127	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	95600	21.904	ug/l	100
20) Methylene Chloride	4.628	84	41803	22.048	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	44524	22.147	ug/l	96
22) Diisopropyl ether	6.024	45	113353	21.542	ug/l	98
23) Vinyl Acetate	5.969	43	311537	106.910	ug/l	98
24) 1,1-Dichloroethane	5.927	63	72082	21.234	ug/l	99
25) 2-Butanone	6.902	43	46296	106.158	ug/l	97
26) 2,2-Dichloropropane	6.890	77	71016	21.248	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	49979	21.629	ug/l	99
28) Bromochloromethane	7.256	49	25724	20.339	ug/l	96
29) Tetrahydrofuran	7.262	42	29790	101.513	ug/l	96
30) Chloroform	7.426	83	77833	21.169	ug/l	100
31) Cyclohexane	7.707	56	67472	20.335	ug/l #	94
32) 1,1,1-Trichloroethane	7.621	97	76705	21.557	ug/l	99
36) 1,1-Dichloropropene	7.841	75	58738	21.371	ug/l	99
37) Ethyl Acetate	6.987	43	20849	20.346	ug/l	98
38) Carbon Tetrachloride	7.823	117	74980	22.044	ug/l	99
39) Methylcyclohexane	9.115	83	80944	21.922	ug/l	99
40) Benzene	8.085	78	174048	21.521	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	10617	18.726	ug/l #	89
42) 1,2-Dichloroethane	8.164	62	44640	21.764	ug/l	99
43) Isopropyl Acetate	8.201	43	43205	21.105	ug/l #	84
44) Trichloroethene	8.871	130	48308	21.647	ug/l	100
45) 1,2-Dichloropropane	9.146	63	37960	20.941	ug/l	100
46) Dibromomethane	9.237	93	22693	21.512	ug/l	100
47) Bromodichloromethane	9.426	83	58584	21.147	ug/l	94
48) Methyl methacrylate	9.225	41	20122	20.646	ug/l	96
49) 1,4-Dioxane	9.231	88	4592	409.659	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	110081	104.650	ug/l	98
52) Toluene	10.176	92	113729	21.664	ug/l	98
53) t-1,3-Dichloropropene	10.395	75	54453	21.721	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	63584	21.222	ug/l	99
55) 1,1,2-Trichloroethane	10.578	97	31040	22.126	ug/l	95
56) Ethyl methacrylate	10.444	69	38894	21.210	ug/l	99
57) 1,3-Dichloropropane	10.725	76	51306	21.577	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	87272	112.130	ug/l	100
59) 2-Hexanone	10.767	43	70840	103.608	ug/l	98
60) Dibromochloromethane	10.914	129	42883	21.439	ug/l	99
61) 1,2-Dibromoethane	11.017	107	29169	21.769	ug/l	98
64) Tetrachloroethene	10.651	164	45311	21.816	ug/l	98
65) Chlorobenzene	11.444	112	126856	21.868	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.523	131	45856	22.273	ug/l	97
67) Ethyl Benzene	11.523	91	218359	21.740	ug/l	98
68) m/p-Xylenes	11.633	106	170226	44.112	ug/l	100
69) o-Xylene	11.962	106	80127	22.336	ug/l	99
70) Styrene	11.974	104	132071	22.174	ug/l	100
71) Bromoform	12.139	173	26605	21.926	ug/l #	100
73) Isopropylbenzene	12.261	105	215780	21.723	ug/l	99
74) N-amyl acetate	12.078	43	37821	20.910	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	33847	21.109	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	43068	38.466	ug/l #	100
77) Bromobenzene	12.535	156	50989	21.651	ug/l	99
78) n-propylbenzene	12.602	91	253257	21.754	ug/l	100
79) 2-Chlorotoluene	12.688	91	143024	21.563	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	178349	21.915	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	11351	21.045	ug/l	98
82) 4-Chlorotoluene	12.785	91	149008	21.950	ug/l	100
83) tert-Butylbenzene	13.005	119	167210	22.154	ug/l	99
84) 1,2,4-Trimethylbenzene	13.047	105	177038	22.270	ug/l	100
85) sec-Butylbenzene	13.181	105	235880	22.074	ug/l	99
86) p-Isopropyltoluene	13.297	119	200025	22.274	ug/l	100
87) 1,3-Dichlorobenzene	13.297	146	99304	21.626	ug/l	100
88) 1,4-Dichlorobenzene	13.370	146	98935	21.697	ug/l	99
89) n-Butylbenzene	13.620	91	174428	21.686	ug/l	100
90) Hexachloroethane	13.889	117	38954	21.442	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	85976	21.470	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5391	21.839	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	51887	21.162	ug/l	99
94) Hexachlorobutadiene	15.035	225	36428	21.452	ug/l	99
95) Naphthalene	15.151	128	81634	21.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	44222	21.491	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jan 31 02:19:37 2025
Response via : Initial Calibration

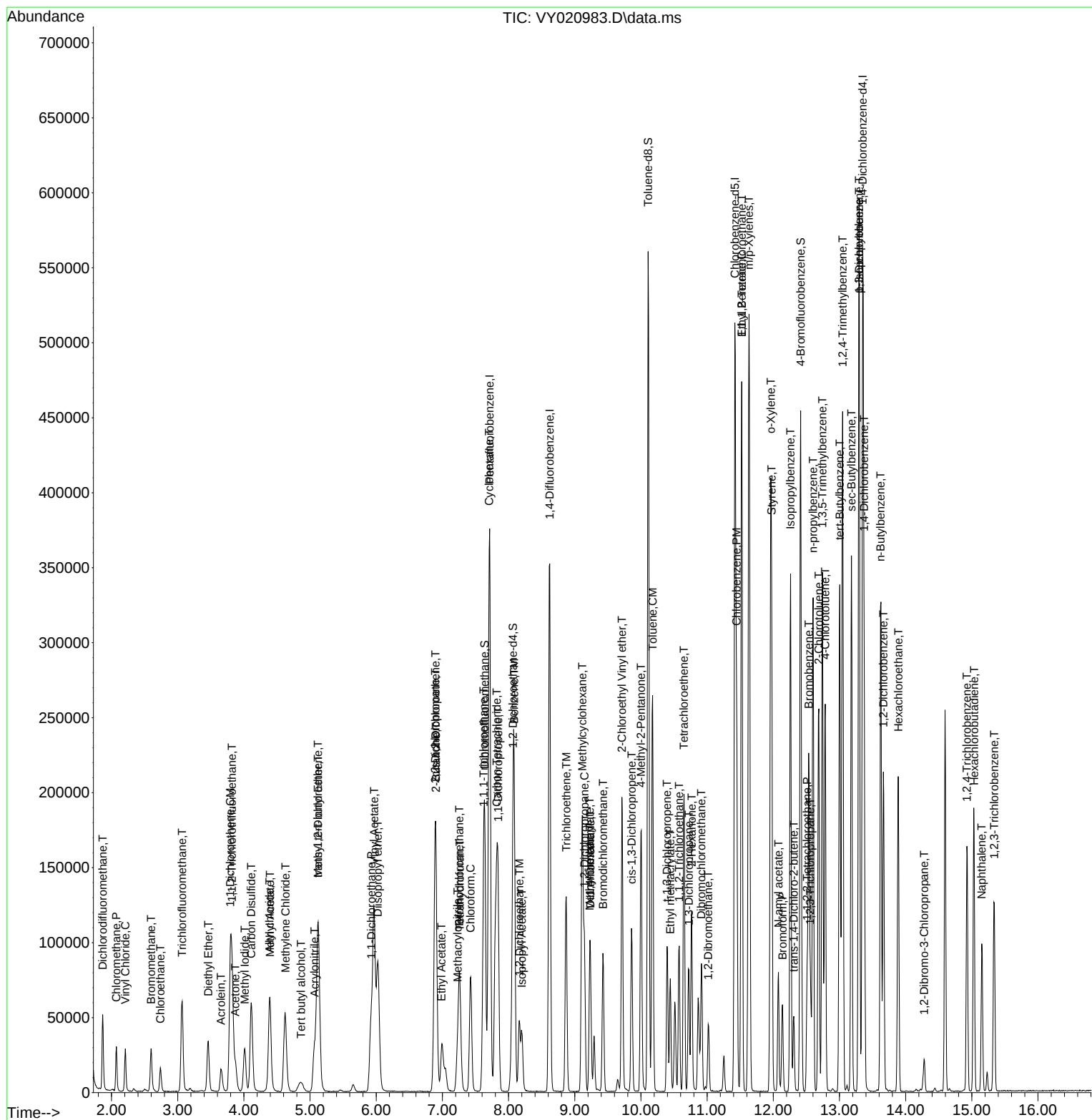
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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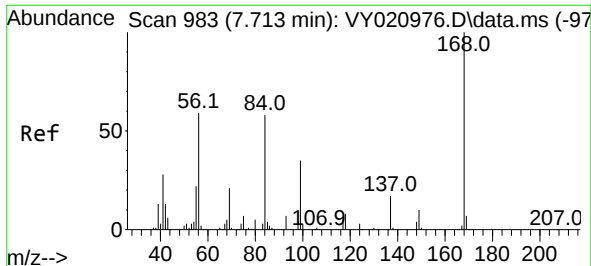
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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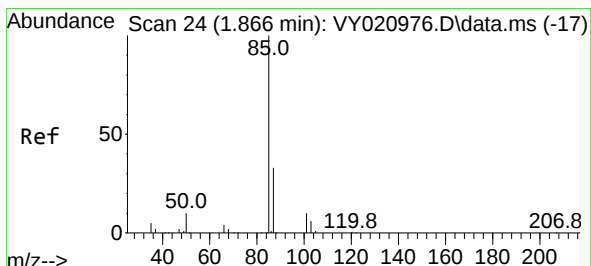
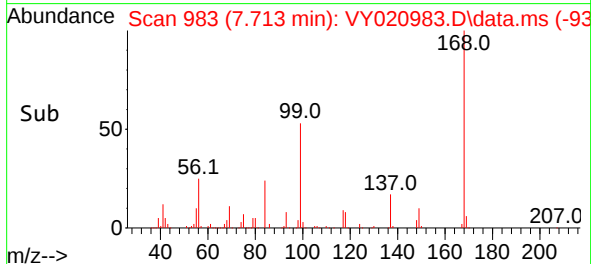
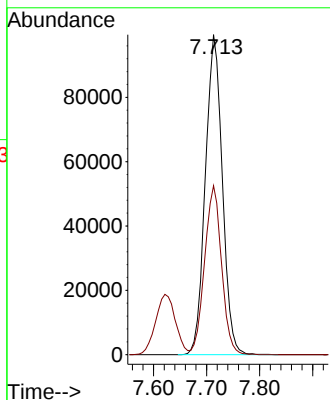
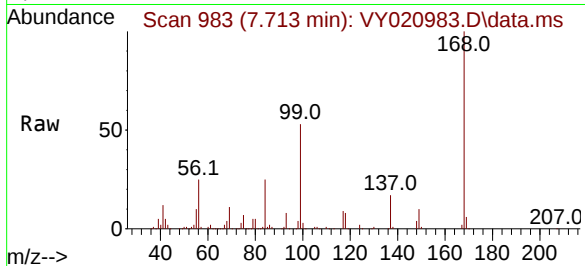




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.000 min
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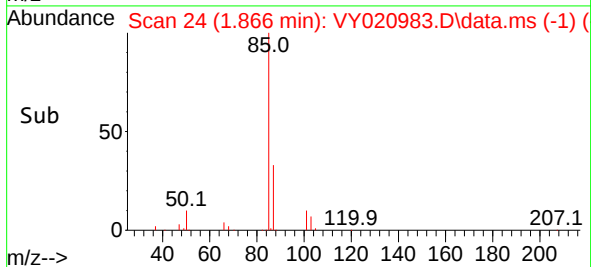
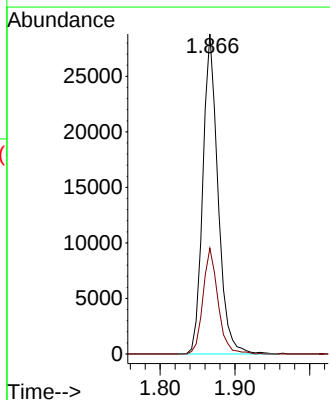
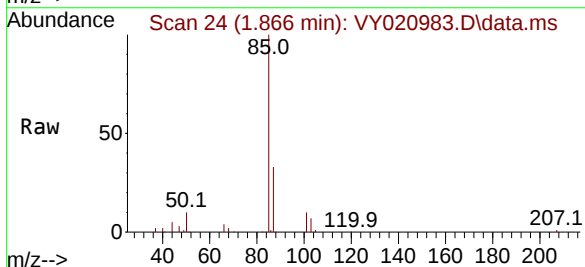
Instrument :
MSVOA_Y
ClientSampleId :

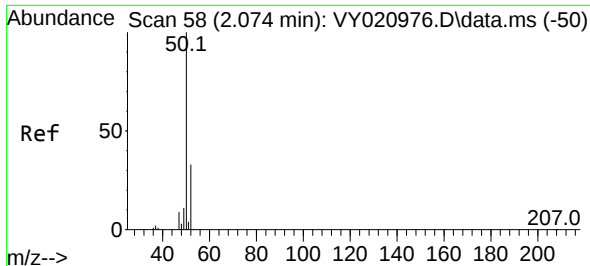
Tgt Ion:168 Resp: 221527
Ion Ratio Lower Upper
168 100
99 52.8 42.2 63.2



#2
Dichlorodifluoromethane
Concen: 21.561 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

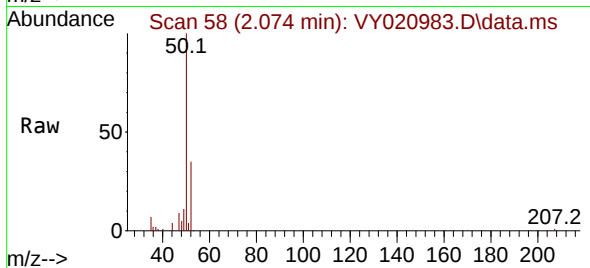
Tgt Ion: 85 Resp: 40614
Ion Ratio Lower Upper
85 100
87 33.0 16.3 48.9



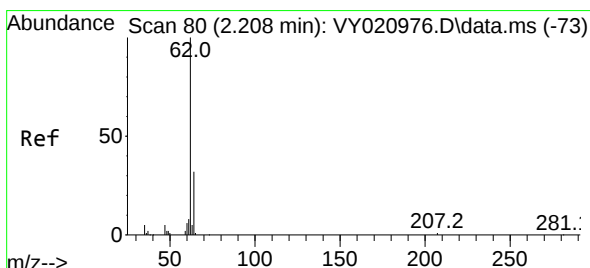
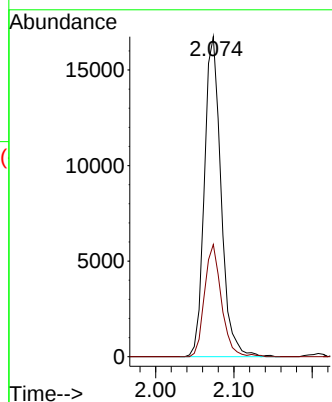
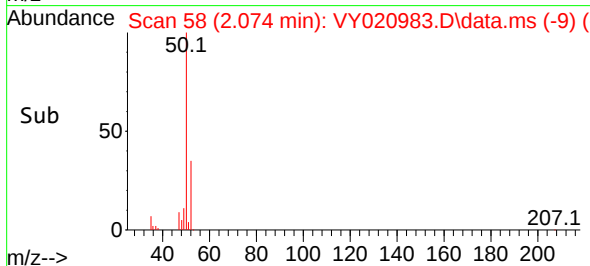


#3
Chloromethane
Concen: 20.610 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

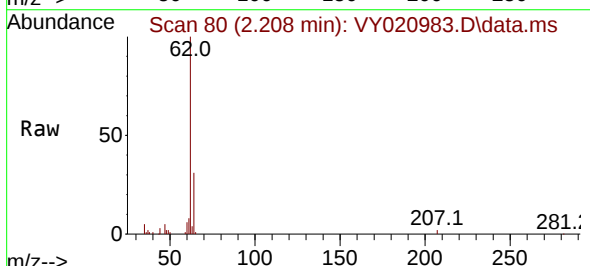
Instrument :
MSVOA_Y
ClientSampleId :



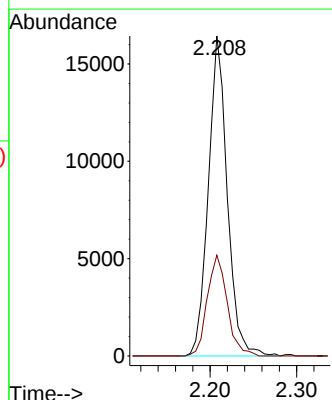
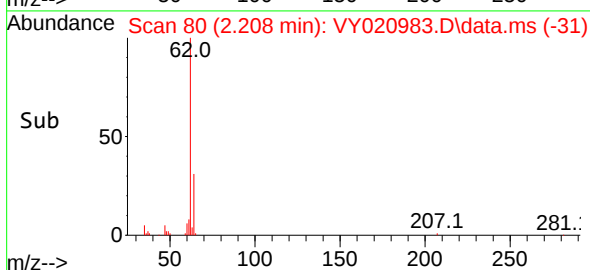
Tgt Ion: 50 Resp: 24681
Ion Ratio Lower Upper
50 100
52 35.0 26.3 39.5

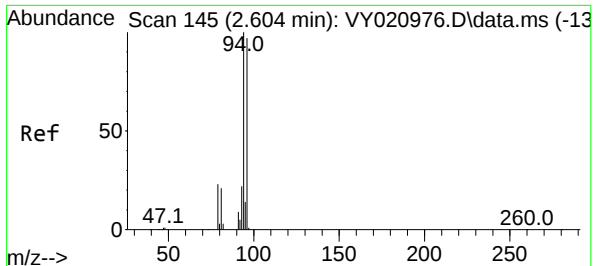


#4
Vinyl Chloride
Concen: 20.260 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56



Tgt Ion: 62 Resp: 25016
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.2

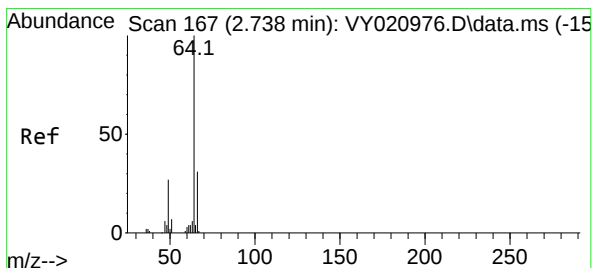
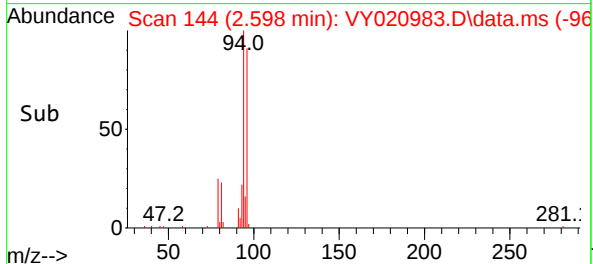
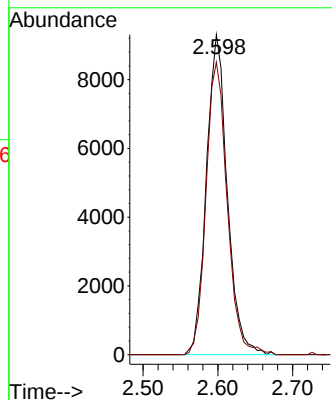
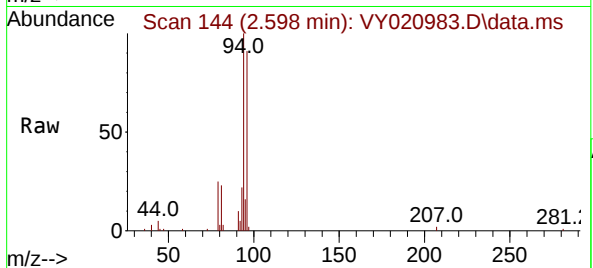




#5
Bromomethane
Concen: 21.672 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY020983.D
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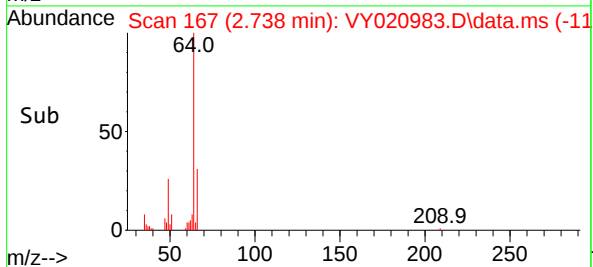
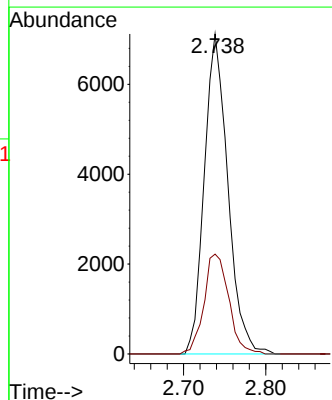
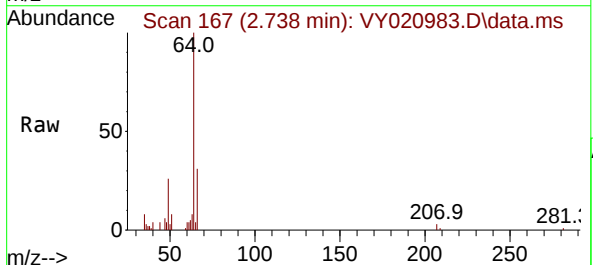
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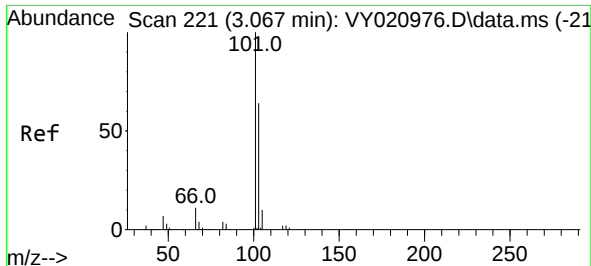
Tgt Ion: 94 Resp: 18115
Ion Ratio Lower Upper
94 100
96 91.4 77.4 116.0



#6
Chloroethane
Concen: 19.641 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

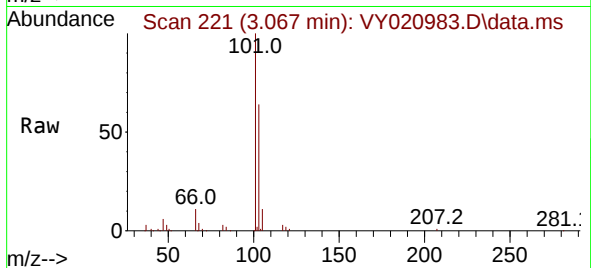
Tgt Ion: 64 Resp: 14167
Ion Ratio Lower Upper
64 100
66 31.2 25.0 37.4



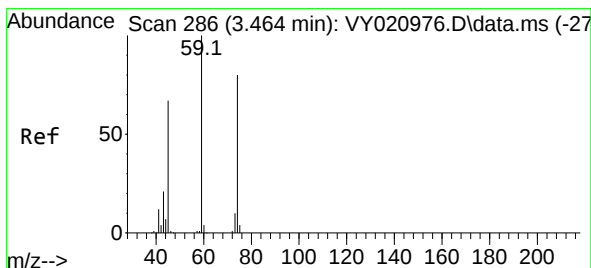
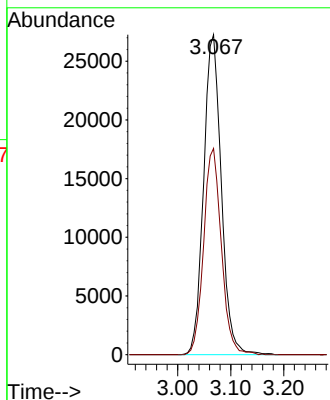
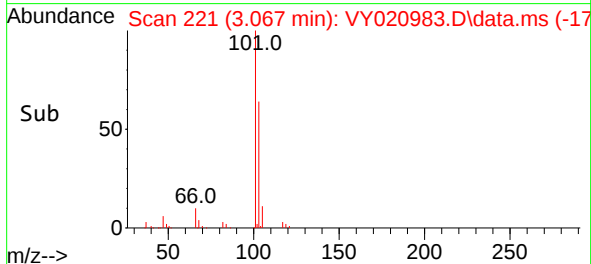


#7
 Trichlorofluoromethane
 Concen: 21.202 ug/l
 RT: 3.067 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY020983.D
 Acq: 30 Jan 2025 13:56

Instrument :
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 ClientSampleId :

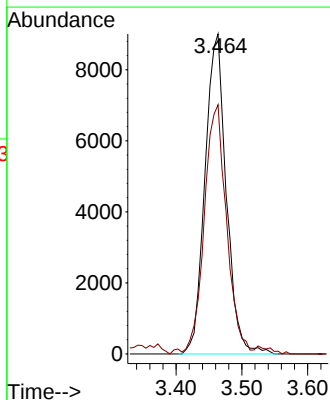
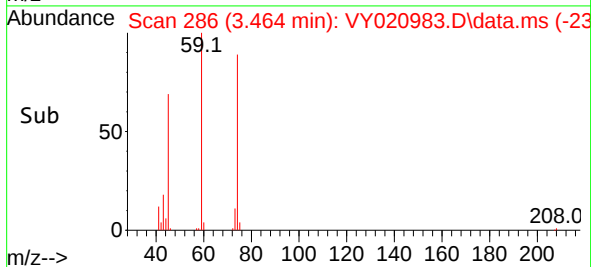
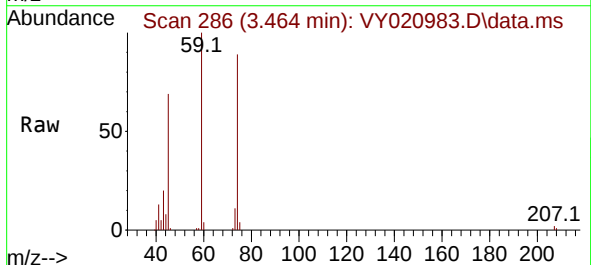


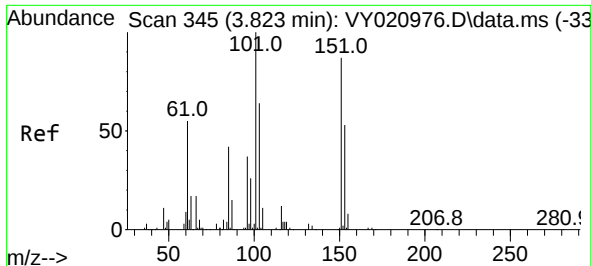
Tgt Ion:101 Resp: 63178
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.9 76.3



#8
 Diethyl Ether
 Concen: 22.836 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 20314
 Ion Ratio Lower Upper
 74 100
 45 82.0 43.4 130.2

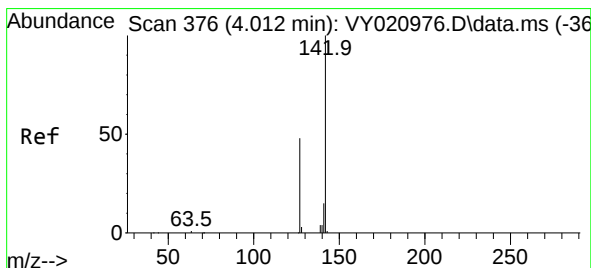
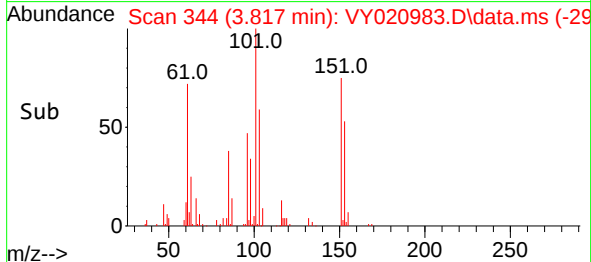
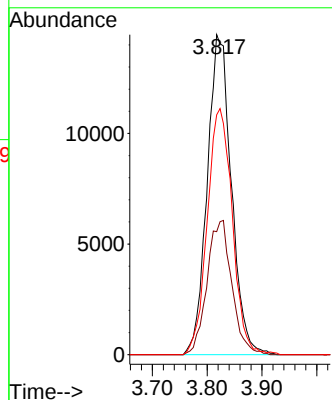
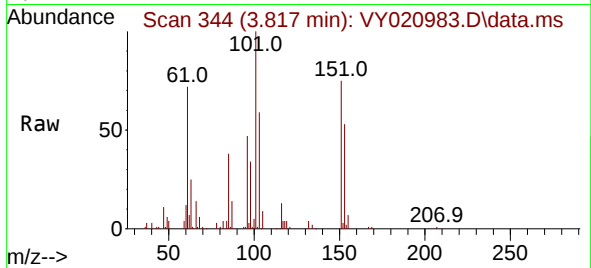




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.025 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

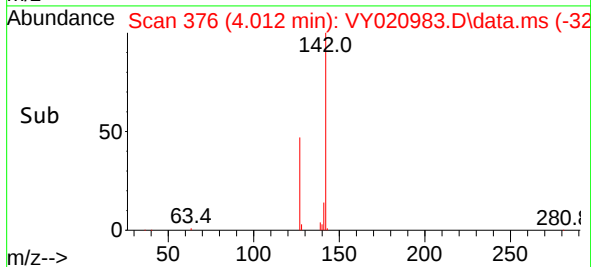
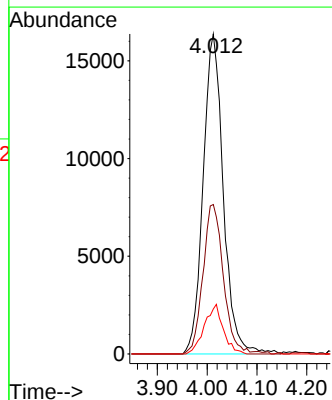
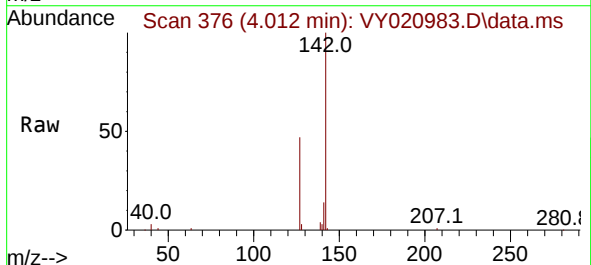
Instrument :
MSVOA_Y
ClientSampleId :

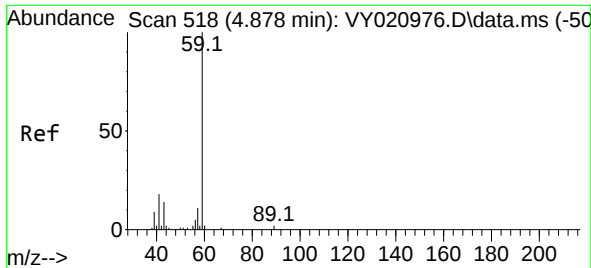
Tgt Ion:101 Resp: 44192
Ion Ratio Lower Upper
101 100
85 43.1 34.9 52.3
151 80.0 66.8 100.2



#10
Methyl Iodide
Concen: 20.040 ug/l
RT: 4.012 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Tgt Ion:142 Resp: 46013
Ion Ratio Lower Upper
142 100
127 47.1 38.9 58.3
141 14.5 11.7 17.5

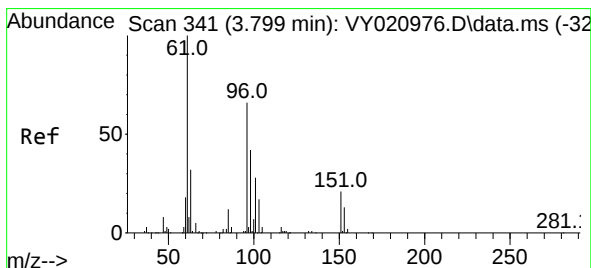
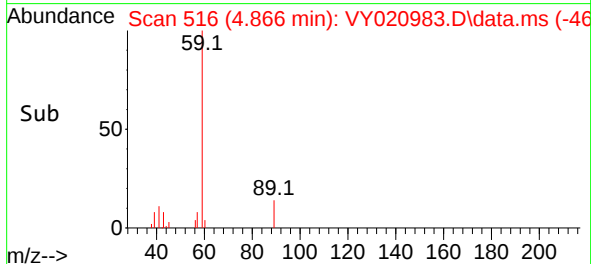
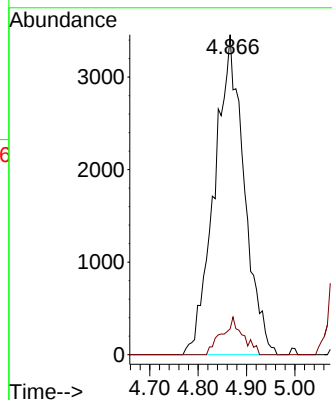
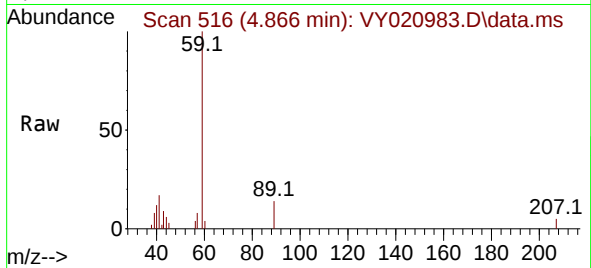




#11
Tert butyl alcohol
Concen: 107.253 ug/l
RT: 4.866 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

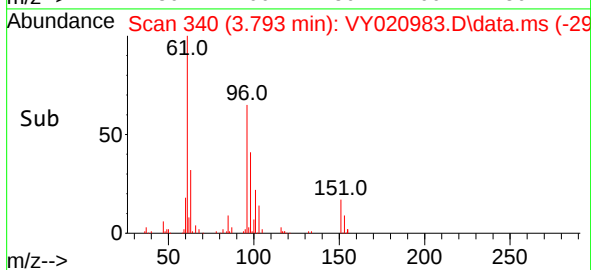
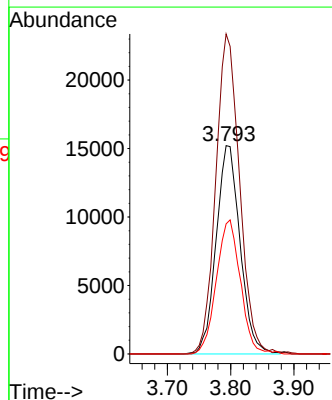
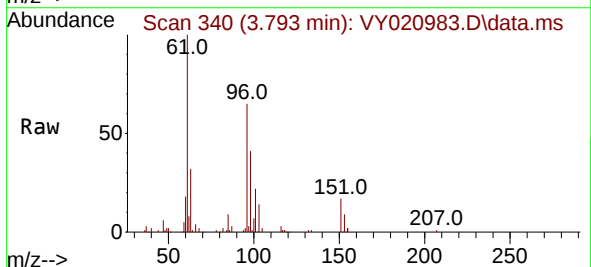
Instrument :
MSVOA_Y
ClientSampleId :

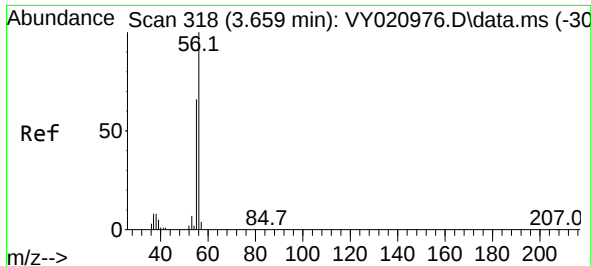
Tgt Ion: 59 Resp: 14777
Ion Ratio Lower Upper
59 100
57 8.3 7.8 11.8



#12
1,1-Dichloroethene
Concen: 21.296 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Tgt Ion: 96 Resp: 39932
Ion Ratio Lower Upper
96 100
61 153.6 120.8 181.2
98 62.4 50.6 76.0





#13

Acrolein

Concen: 115.399 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.006 min

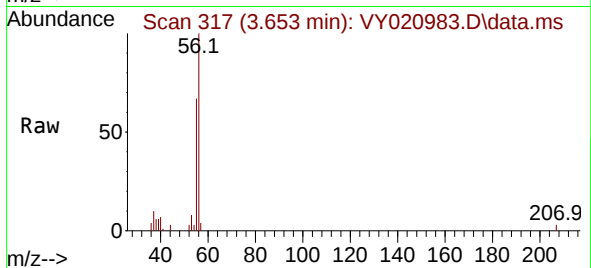
Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

ClientSampleId :

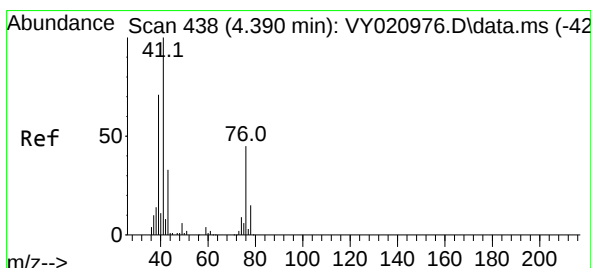
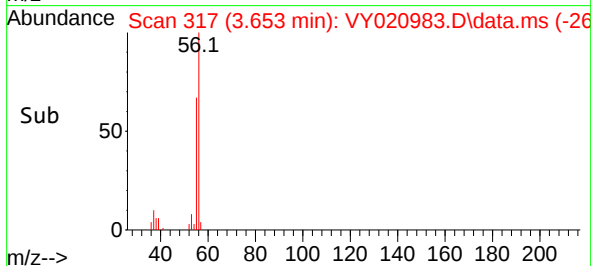
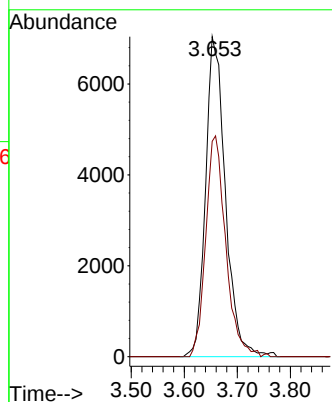


Tgt Ion: 56 Resp: 18309

Ion Ratio Lower Upper

56 100

55 69.7 56.1 84.1



#14

Allyl chloride

Concen: 20.957 ug/l

RT: 4.390 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

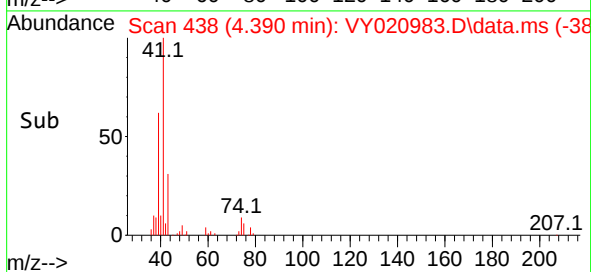
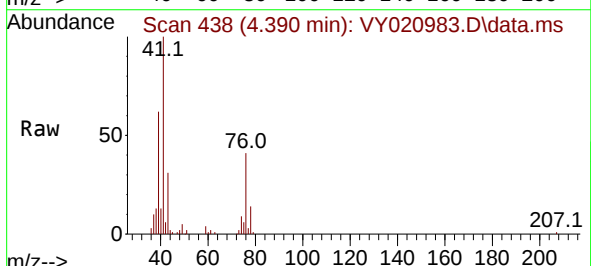
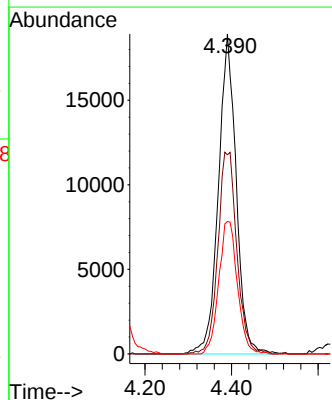
Tgt Ion: 41 Resp: 54099

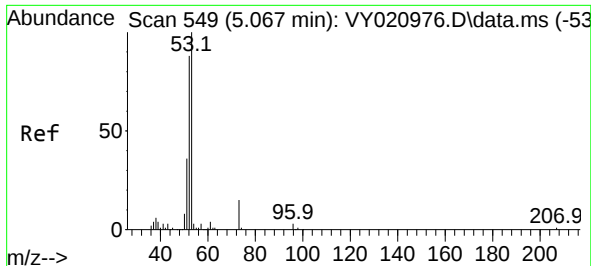
Ion Ratio Lower Upper

41 100

39 67.5 53.5 80.3

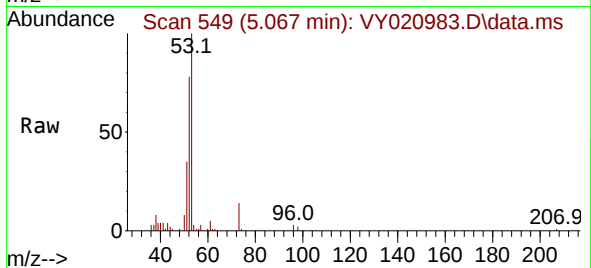
76 43.3 34.6 52.0



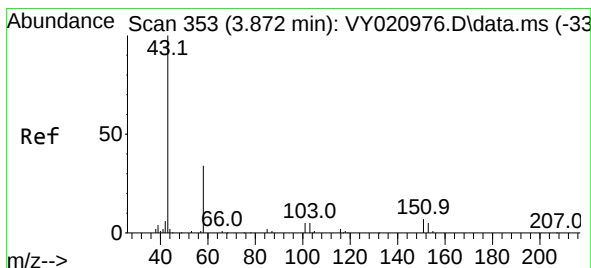
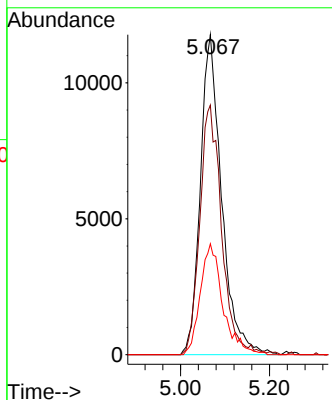
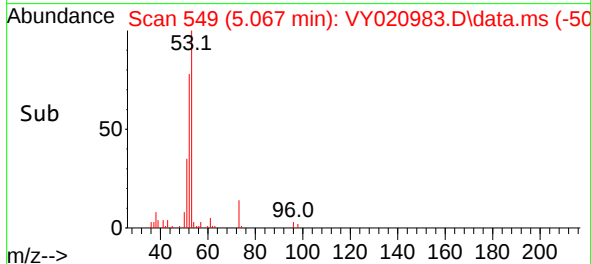


#15
Acrylonitrile
Concen: 106.944 ug/l
RT: 5.067 min Scan# 549
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

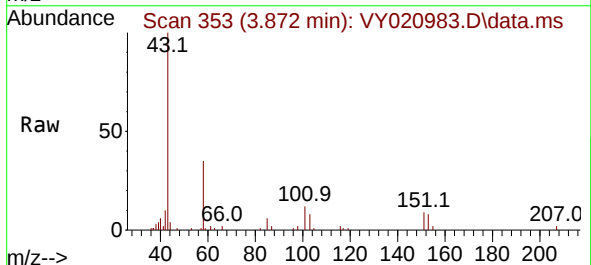
Instrument :
MSVOA_Y
ClientSampleId :



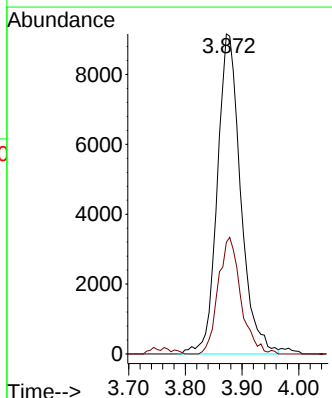
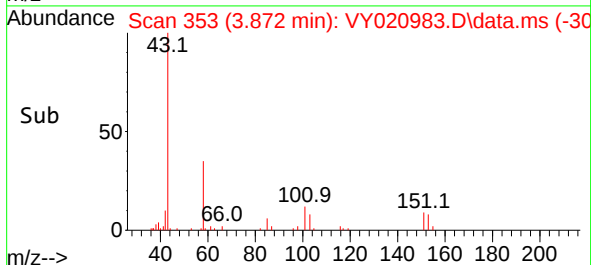
Tgt Ion: 53 Resp: 39132
Ion Ratio Lower Upper
53 100
52 80.1 66.2 99.4
51 36.8 29.4 44.0

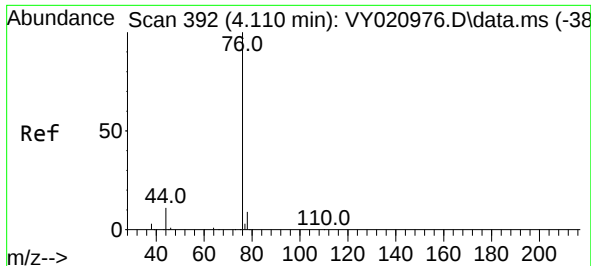


#16
Acetone
Concen: 102.023 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56



Tgt Ion: 43 Resp: 26227
Ion Ratio Lower Upper
43 100
58 34.9 28.4 42.6

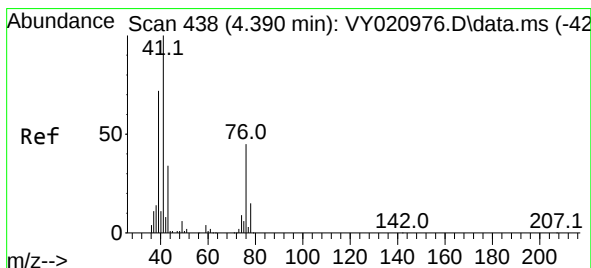
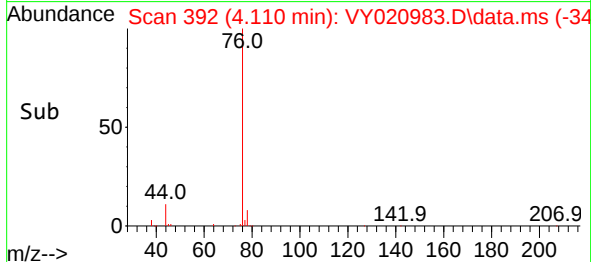
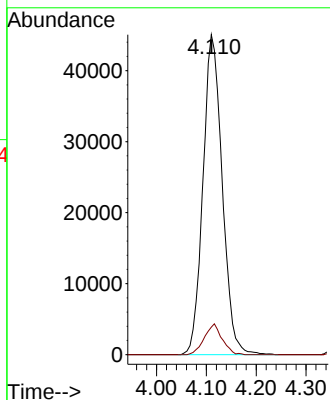
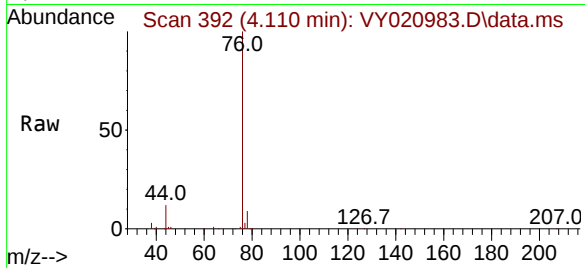




#17
Carbon Disulfide
Concen: 20.951 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

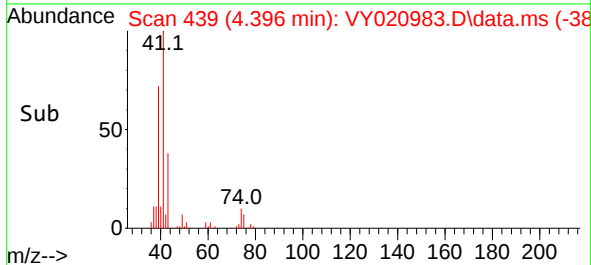
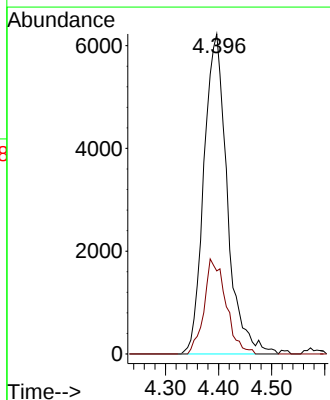
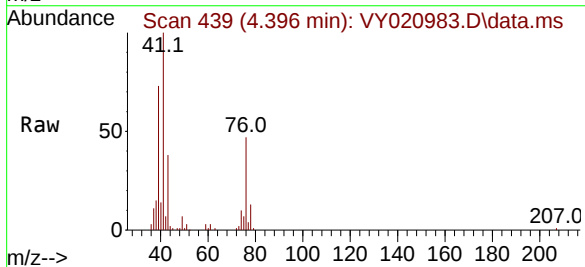
Instrument :
MSVOA_Y
ClientSampleId :

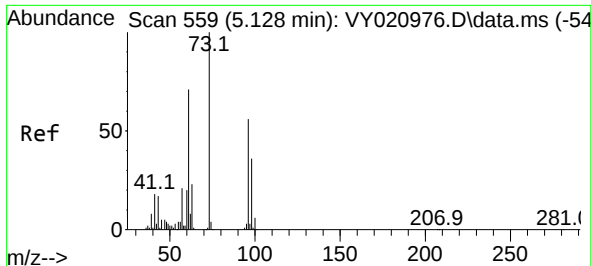
Tgt Ion: 76 Resp: 120998
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 21.127 ug/l
RT: 4.396 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Tgt Ion: 43 Resp: 19004
Ion Ratio Lower Upper
43 100
74 27.8 22.2 33.4





#19

Methyl tert-butyl Ether

Concen: 21.904 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

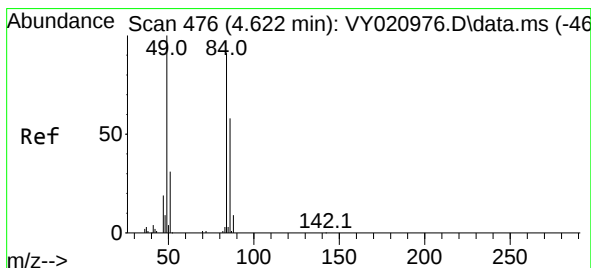
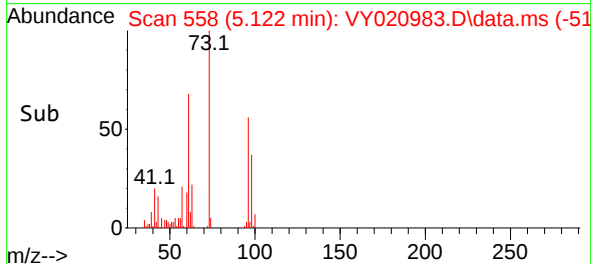
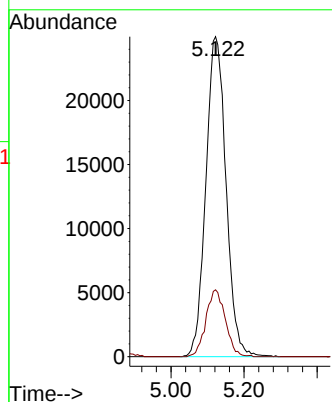
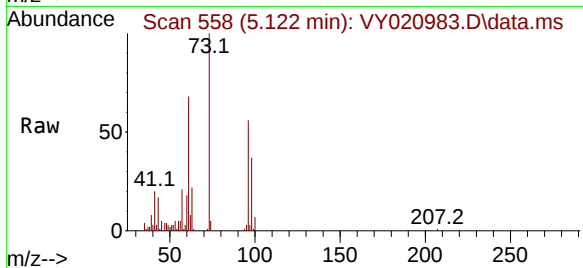
ClientSampleId :

Tgt Ion: 73 Resp: 95600

Ion Ratio Lower Upper

73 100

57 20.9 16.6 25.0



#20

Methylene Chloride

Concen: 22.048 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Tgt Ion: 84 Resp: 41803

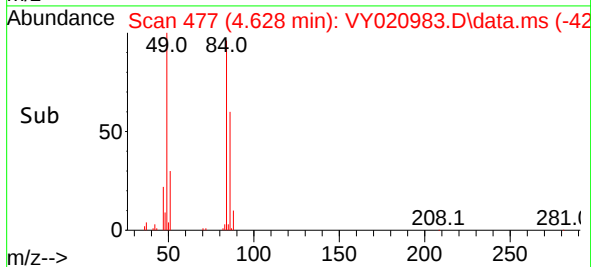
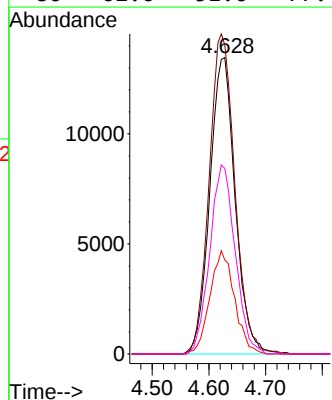
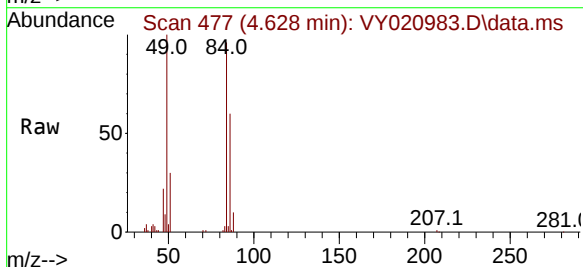
Ion Ratio Lower Upper

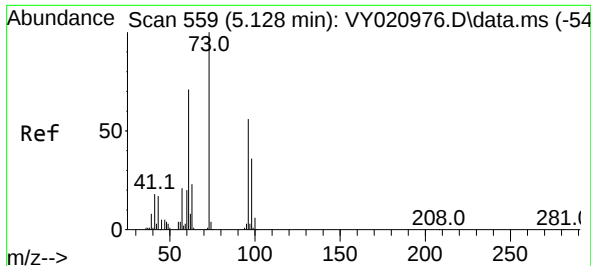
84 100

49 104.2 88.3 132.5

51 31.7 27.7 41.5

86 62.6 51.6 77.4

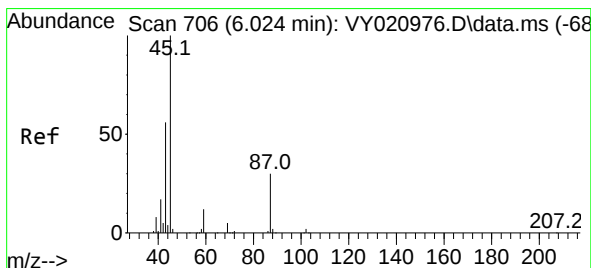
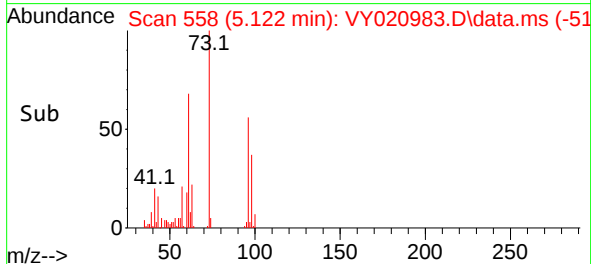
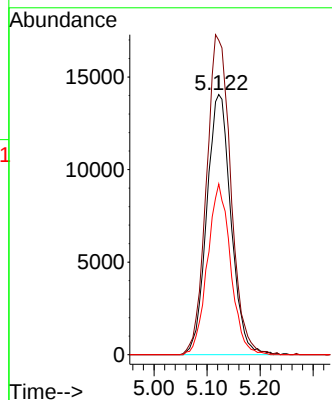
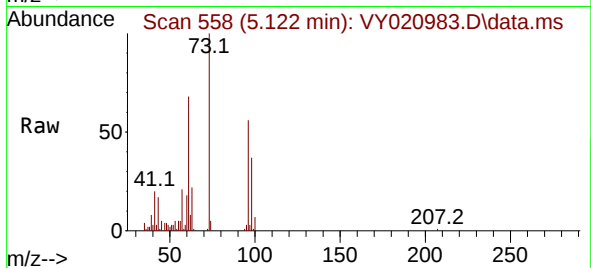




#21
trans-1,2-Dichloroethene
Concen: 22.147 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

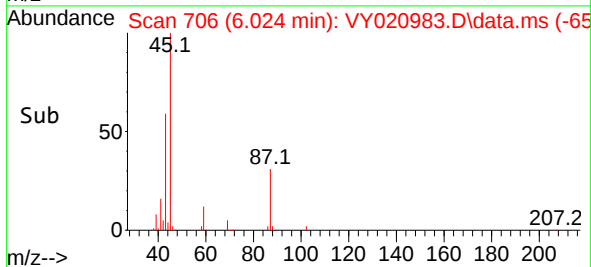
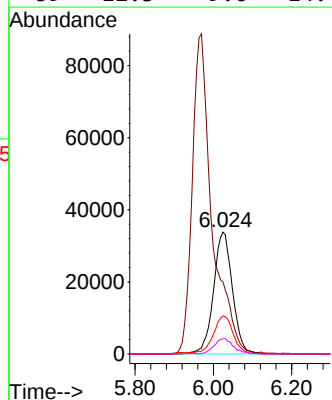
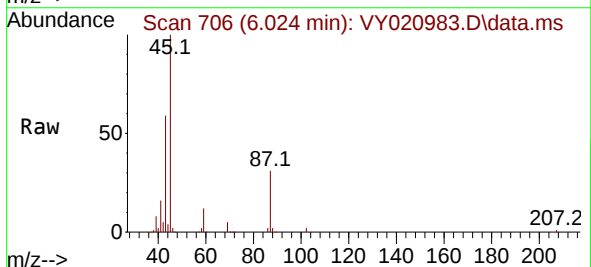
Instrument :
MSVOA_Y
ClientSampleId :

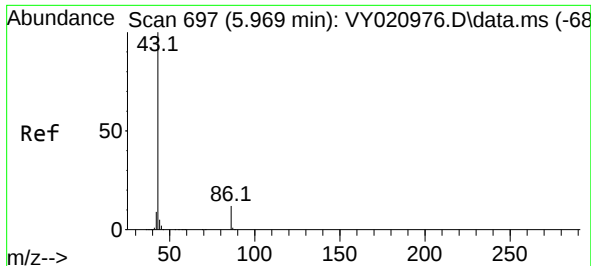
Tgt Ion: 96 Resp: 44524
Ion Ratio Lower Upper
96 100
61 120.8 101.5 152.3
98 65.6 52.0 78.0



#22
Diisopropyl ether
Concen: 21.542 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Tgt Ion: 45 Resp: 113353
Ion Ratio Lower Upper
45 100
43 59.0 45.1 67.7
87 31.3 25.0 37.4
59 12.3 9.6 14.4

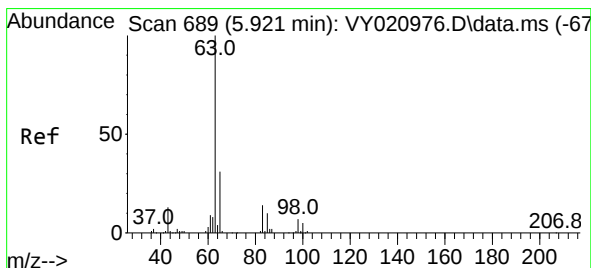
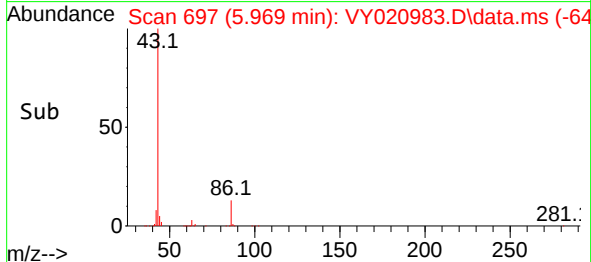
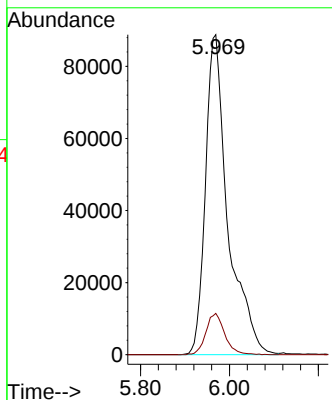
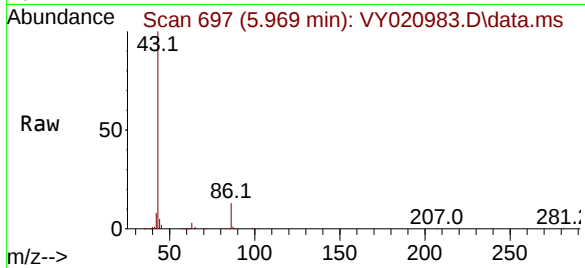




#23
 Vinyl Acetate
 Concen: 106.910 ug/l
 RT: 5.969 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: VY020983.D
 Acq: 30 Jan 2025 13:56

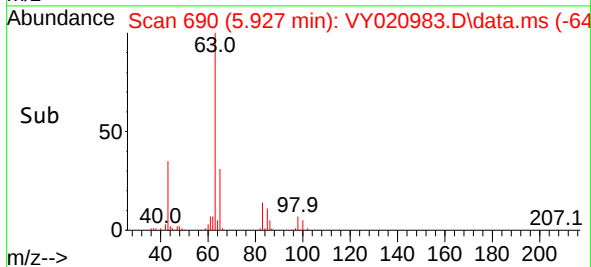
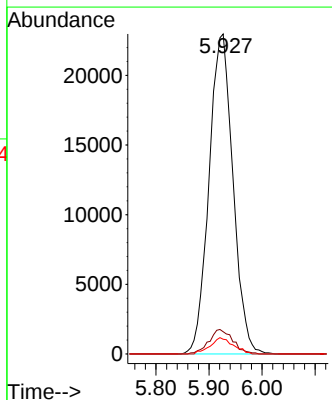
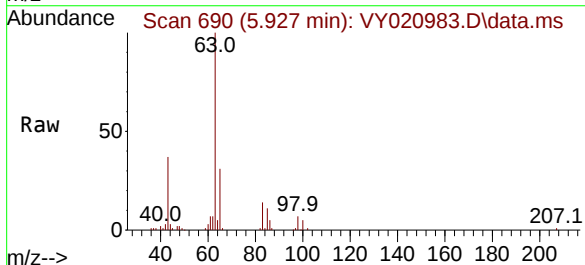
Instrument :
 MSVOA_Y
 ClientSampleId :

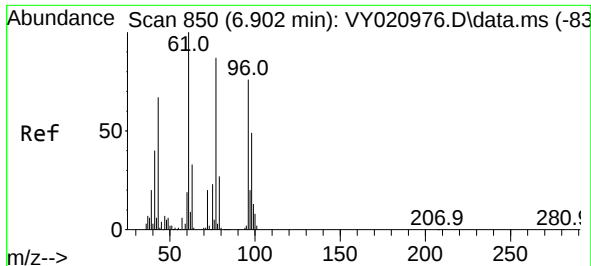
Tgt Ion: 43 Resp: 311537
 Ion Ratio Lower Upper
 43 100
 86 12.9 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 21.234 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY020983.D
 Acq: 30 Jan 2025 13:56

Tgt Ion: 63 Resp: 72082
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.7 11.1
 100 4.6 2.4 7.2

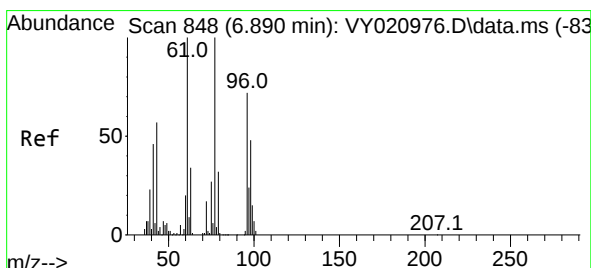
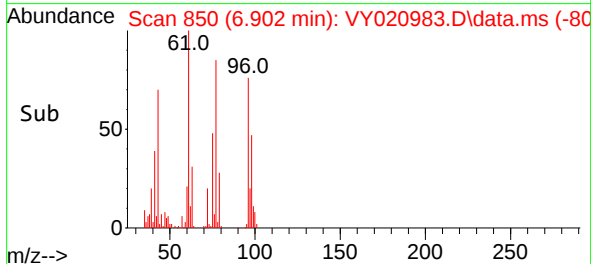
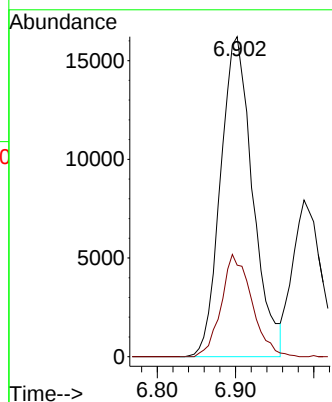
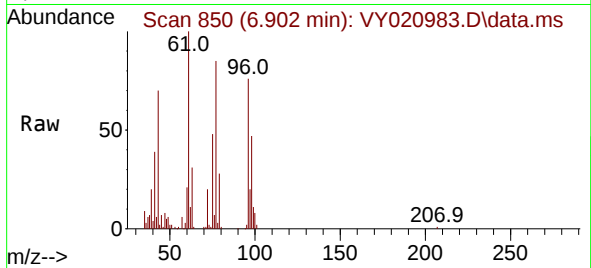




#25
2-Butanone
Concen: 106.158 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

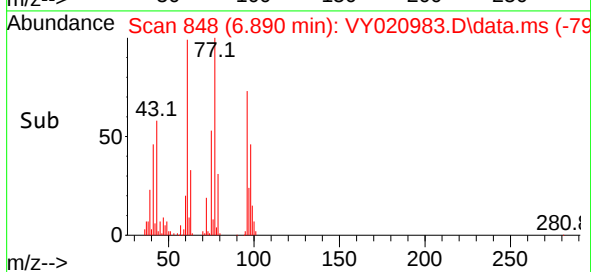
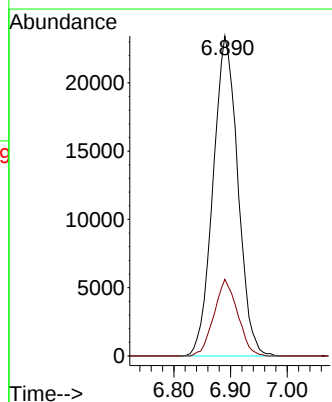
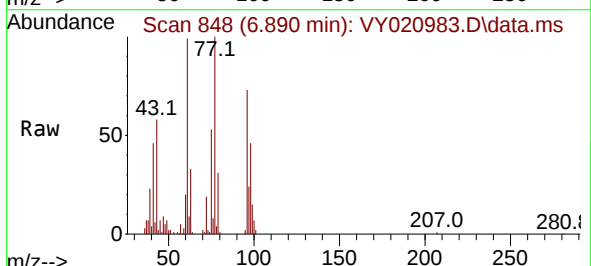
Instrument :
MSVOA_Y
ClientSampleId :

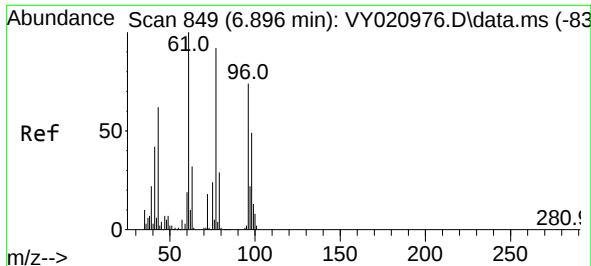
Tgt Ion: 43 Resp: 46296
Ion Ratio Lower Upper
43 100
72 28.6 24.3 36.5



#26
2,2-Dichloropropane
Concen: 21.248 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Tgt Ion: 77 Resp: 71016
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.629 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

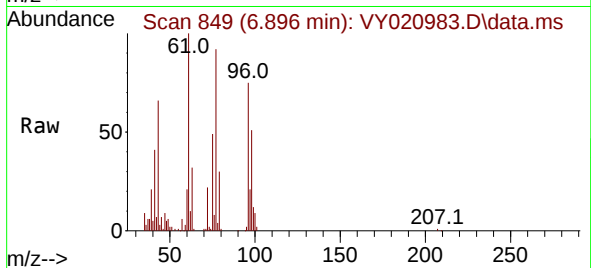
Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

ClientSampleId :



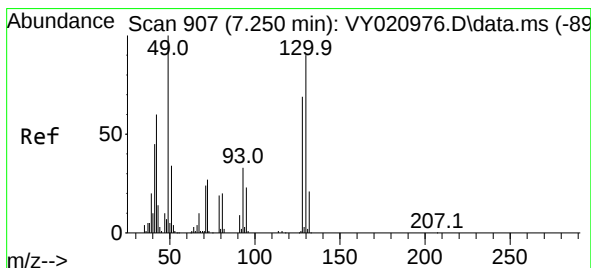
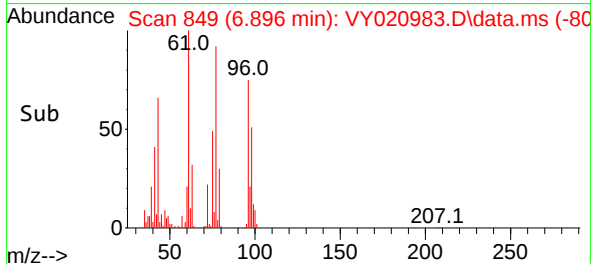
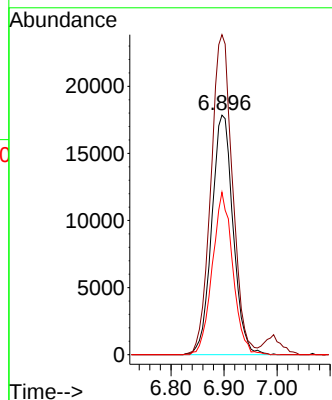
Tgt Ion: 96 Resp: 49979

Ion Ratio Lower Upper

96 100

61 135.2 0.0 274.0

98 64.9 0.0 130.4



#28

Bromochloromethane

Concen: 20.339 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

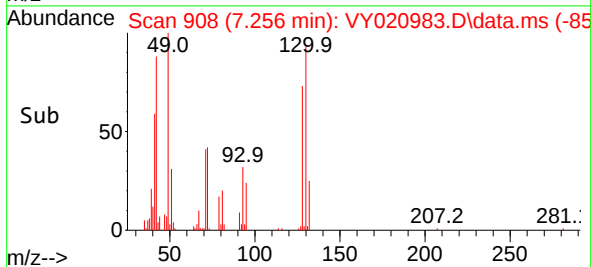
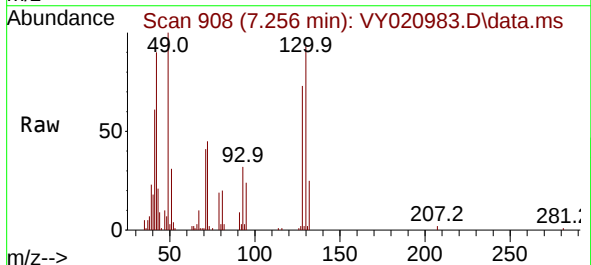
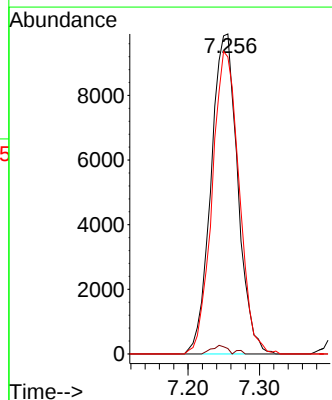
Tgt Ion: 49 Resp: 25724

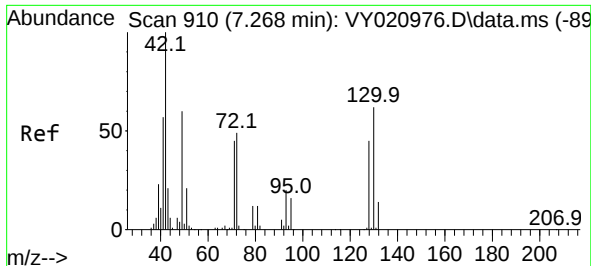
Ion Ratio Lower Upper

49 100

129 1.5 0.0 5.0

130 95.1 73.2 109.8





#29

Tetrahydrofuran

Concen: 101.513 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

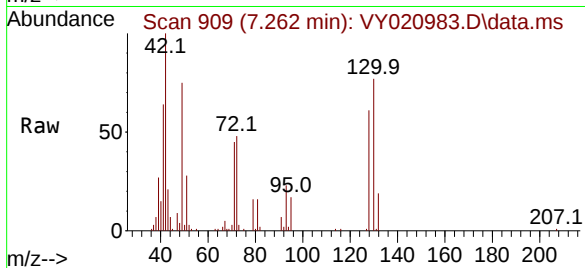
Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

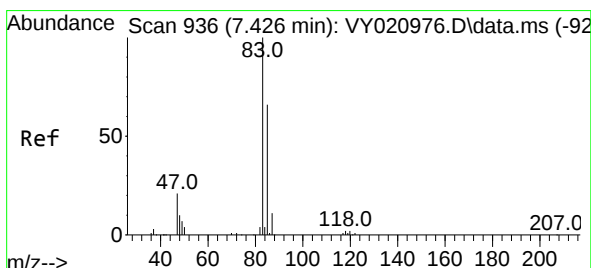
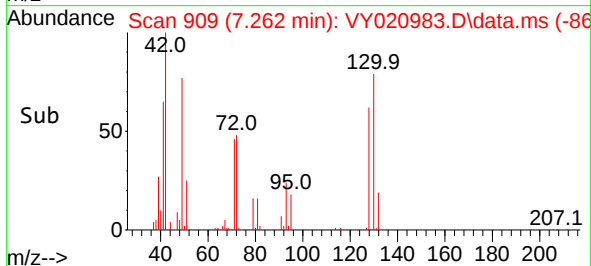
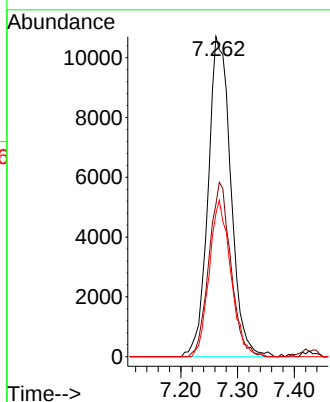
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	29790
Ion	Ratio	Lower	Upper
42	100		
72	52.4	39.3	58.9
71	46.5	36.1	54.1



#30

Chloroform

Concen: 21.169 ug/l

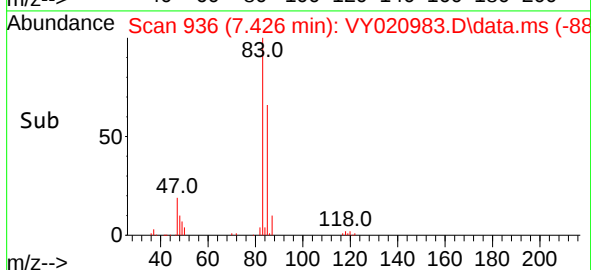
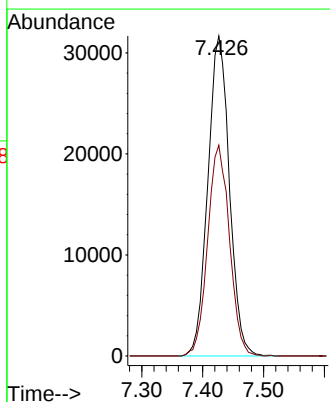
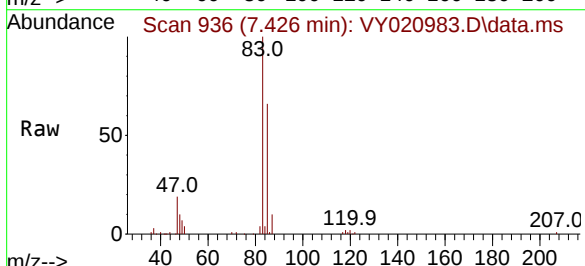
RT: 7.426 min Scan# 936

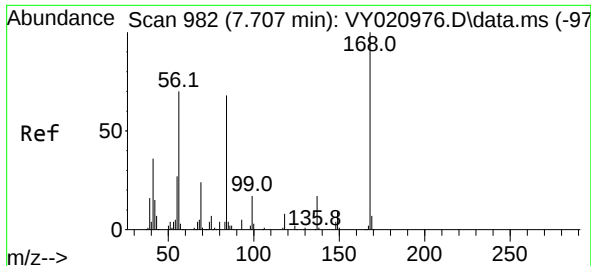
Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Tgt Ion:	83	Resp:	77833
Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.9	79.3

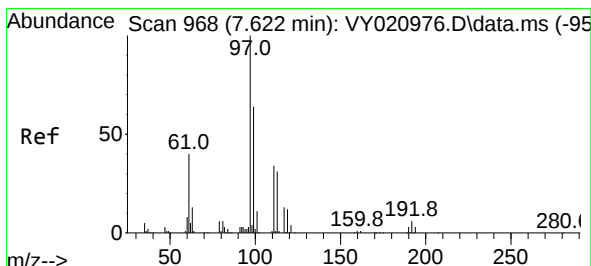
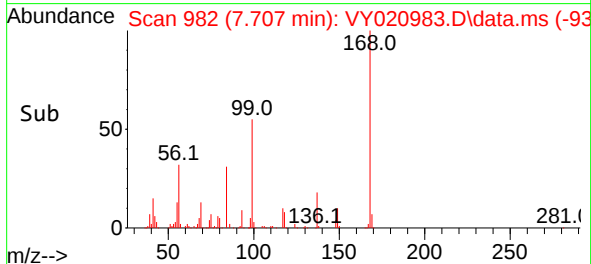
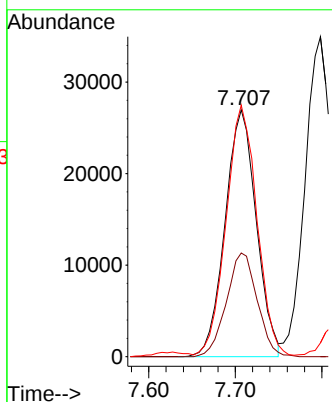
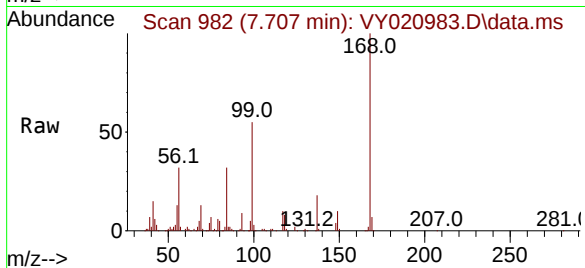




#31
Cyclohexane
Concen: 20.335 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

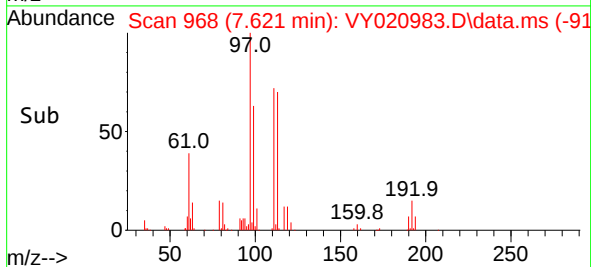
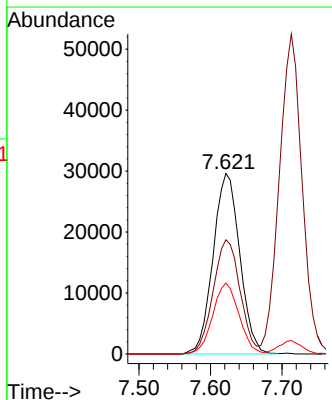
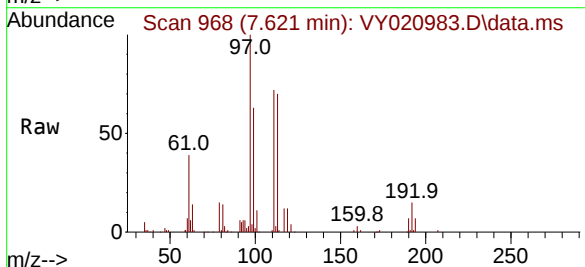
Instrument :
MSVOA_Y
ClientSampleId :

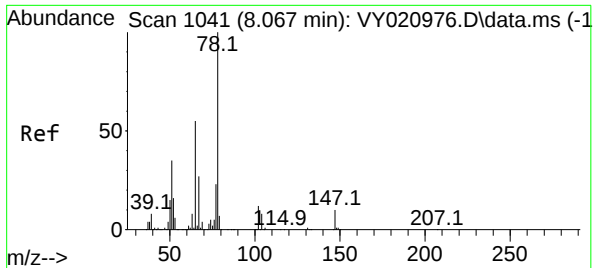
Tgt Ion: 56 Resp: 67472
Ion Ratio Lower Upper
56 100
69 42.0 27.7 41.5#
84 100.4 77.5 116.3



#32
1,1,1-Trichloroethane
Concen: 21.557 ug/l
RT: 7.621 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Tgt Ion: 97 Resp: 76705
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.0
61 38.6 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 48.264 ug/l

RT: 8.066 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

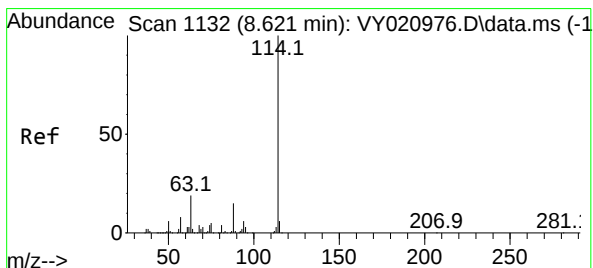
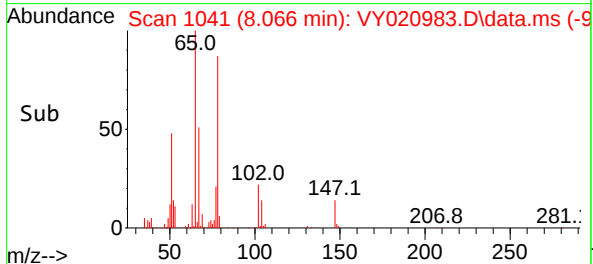
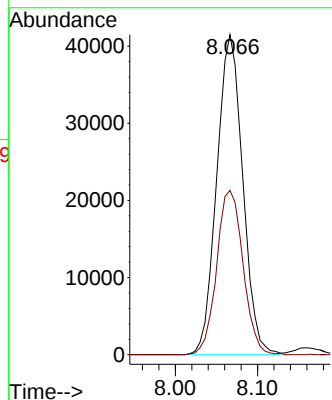
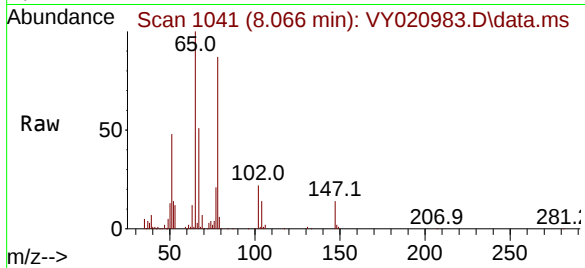
ClientSampleId :

Tgt Ion: 65 Resp: 91031

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

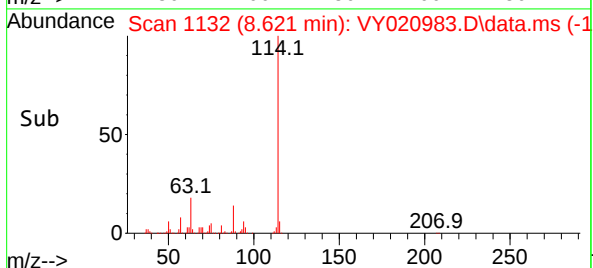
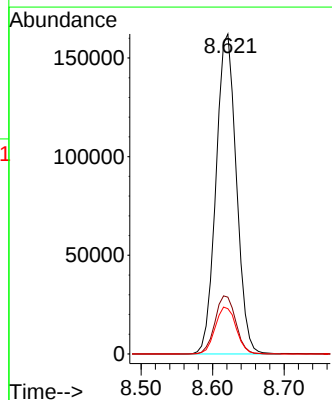
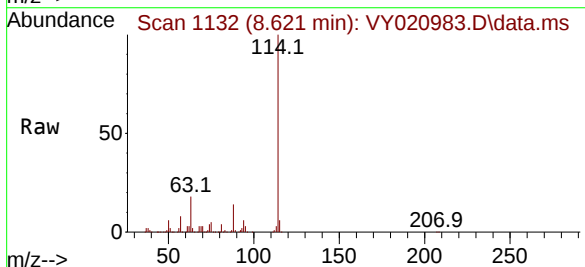
Tgt Ion: 114 Resp: 320476

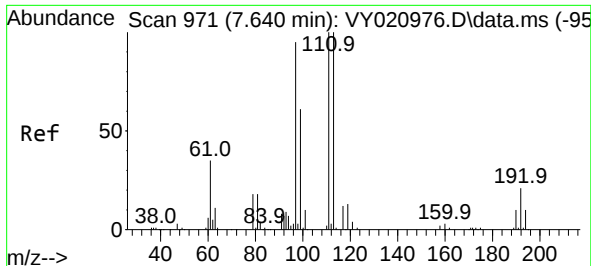
Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.2

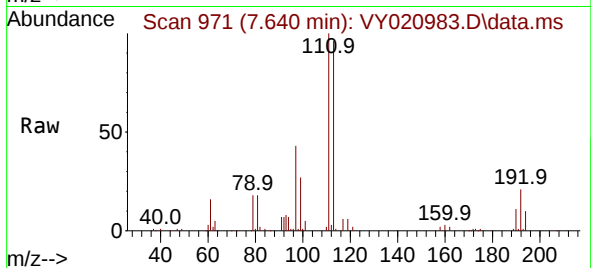
88 14.2 0.0 29.6



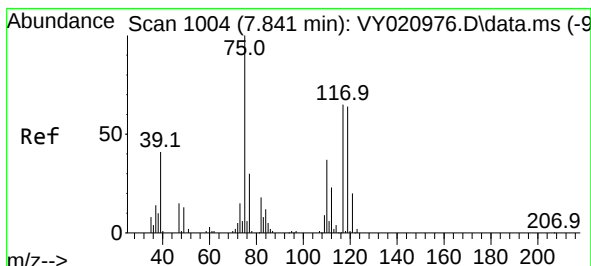
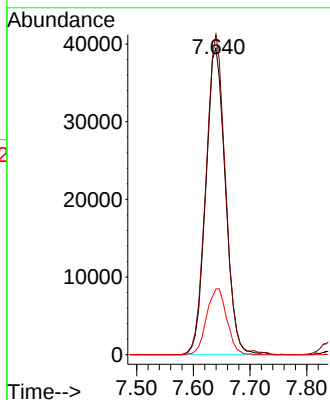
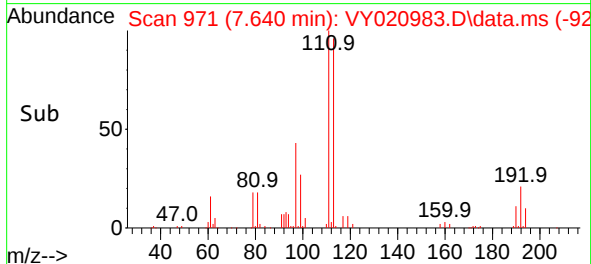


#35
Dibromofluoromethane
Concen: 49.206 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

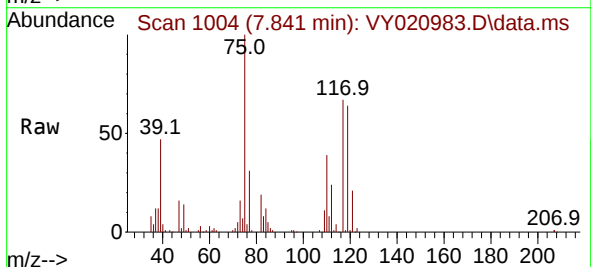
Instrument :
MSVOA_Y
ClientSampleId :



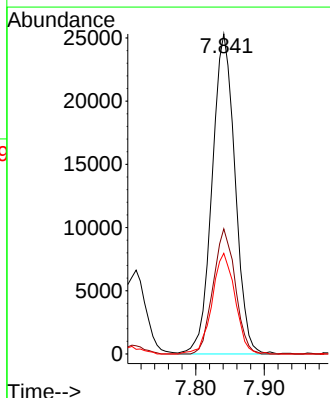
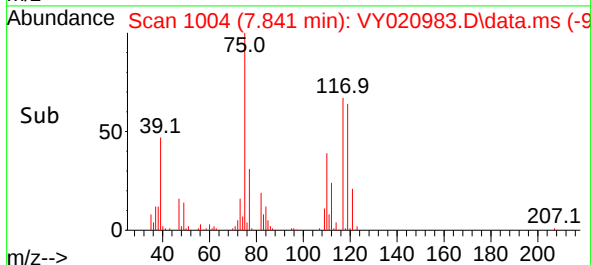
Tgt Ion:113 Resp: 94802
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 22.1 16.8 25.2

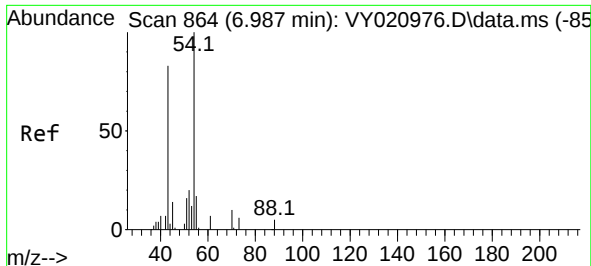


#36
1,1-Dichloropropene
Concen: 21.371 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56



Tgt Ion: 75 Resp: 58738
Ion Ratio Lower Upper
75 100
110 37.7 18.4 55.2
77 31.6 24.9 37.3

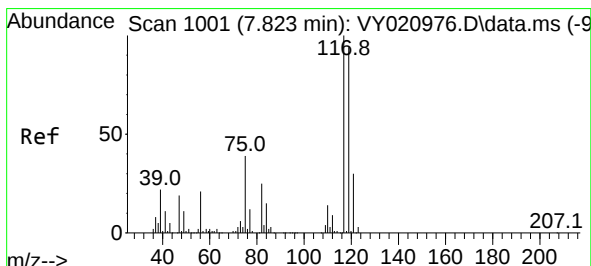
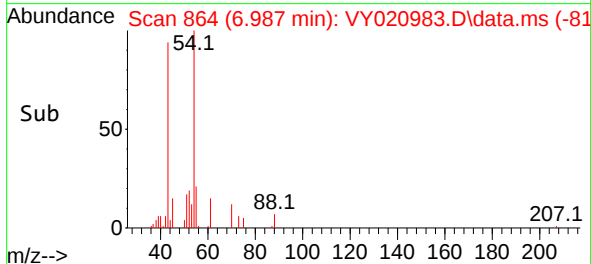
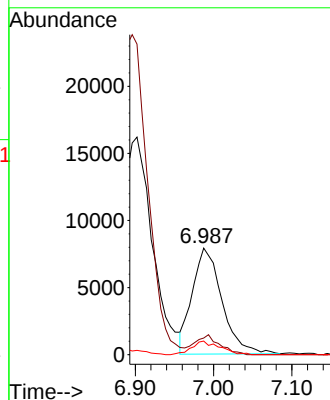
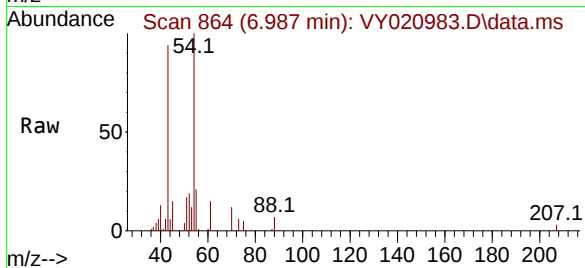




#37
Ethyl Acetate
Concen: 20.346 ug/l
RT: 6.987 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

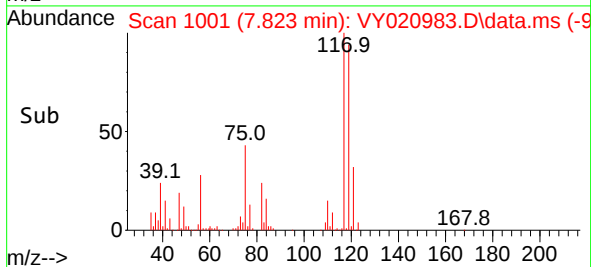
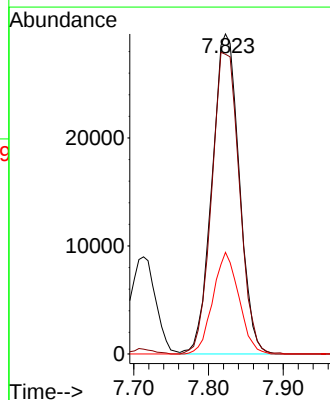
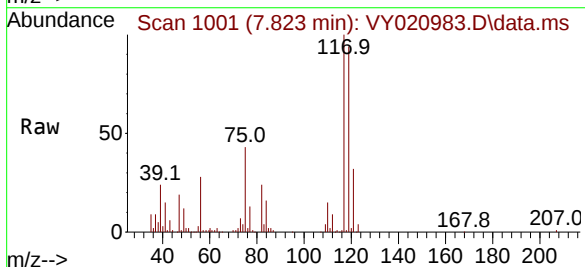
Instrument :
MSVOA_Y
ClientSampleId :

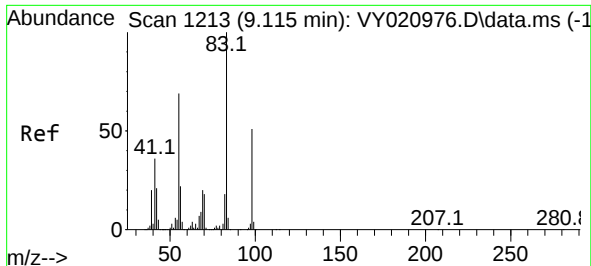
Tgt Ion: 43 Resp: 20849
Ion Ratio Lower Upper
43 100
61 15.6 11.4 17.0
70 12.0 9.6 14.4



#38
Carbon Tetrachloride
Concen: 22.044 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Tgt Ion: 117 Resp: 74980
Ion Ratio Lower Upper
117 100
119 93.6 75.0 112.6
121 31.8 24.2 36.2

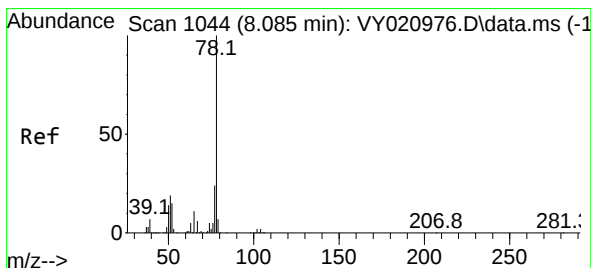
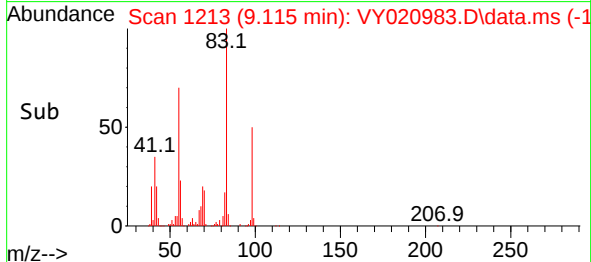
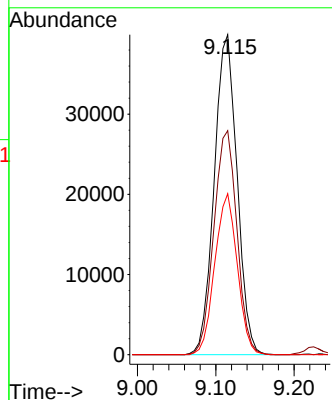
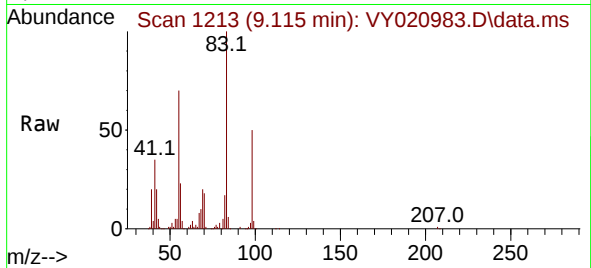




#39
Methylcyclohexane
Concen: 21.922 ug/l
RT: 9.115 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

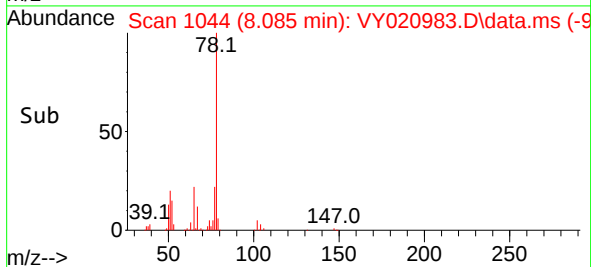
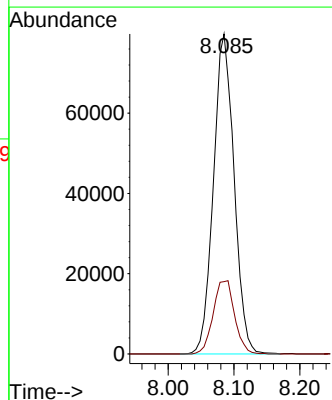
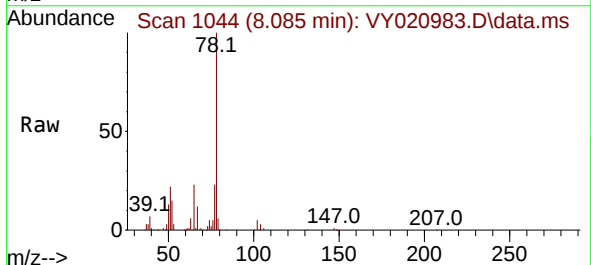
Instrument :
MSVOA_Y
ClientSampleId :

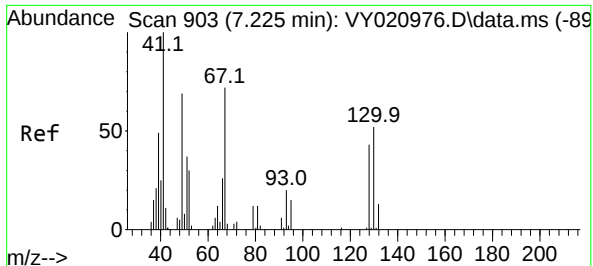
Tgt Ion: 83 Resp: 80944
Ion Ratio Lower Upper
83 100
55 70.0 54.9 82.3
98 50.3 40.5 60.7



#40
Benzene
Concen: 21.521 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

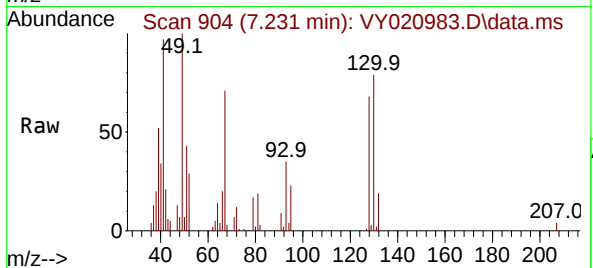
Tgt Ion: 78 Resp: 174048
Ion Ratio Lower Upper
78 100
77 22.6 19.4 29.2



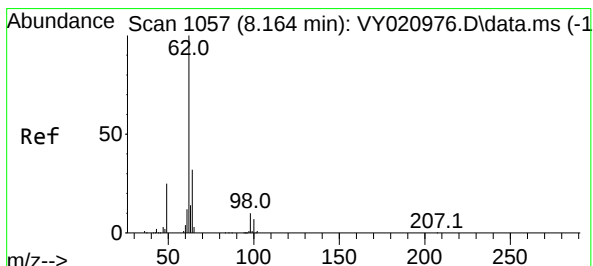
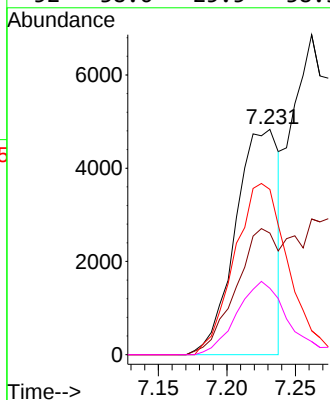
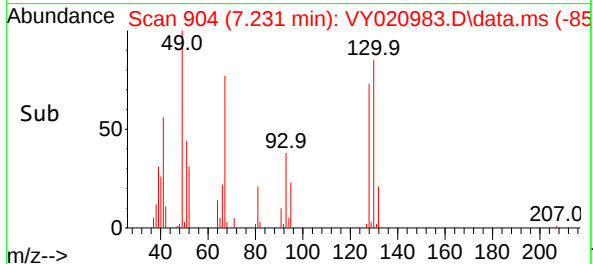


#41
Methacrylonitrile
Concen: 18.726 ug/l
RT: 7.231 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Instrument :
MSVOA_Y
ClientSampleId :

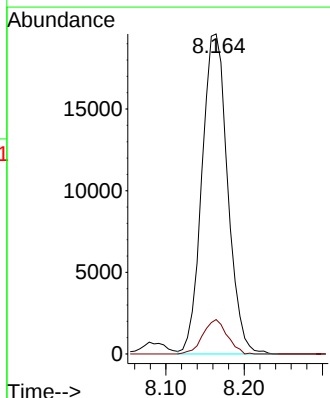
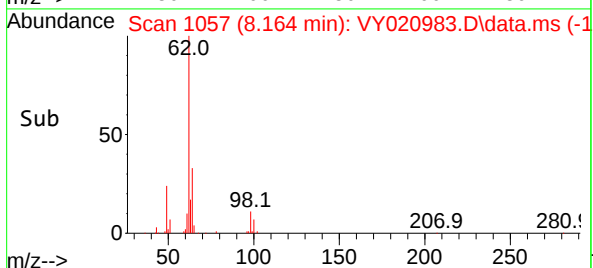
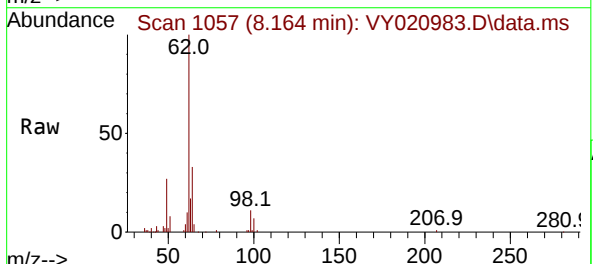


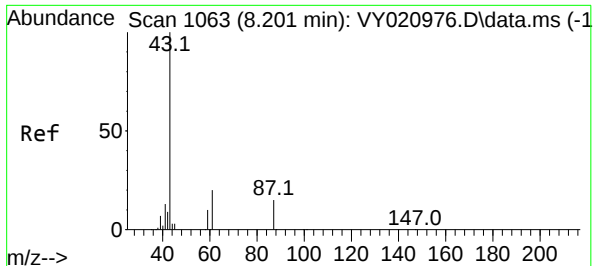
Tgt Ion:	41	Resp:	10617
Ion Ratio	Lower	Upper	
41	100		
39	54.2	41.6	62.4
67	94.5	63.8	95.6
52	38.6	25.5	38.3



#42
1,2-Dichloroethane
Concen: 21.764 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Tgt Ion:	62	Resp:	44640
Ion Ratio	Lower	Upper	
62	100		
98	10.1	0.0	19.4





#43

Isopropyl Acetate

Concen: 21.105 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VY020983.D

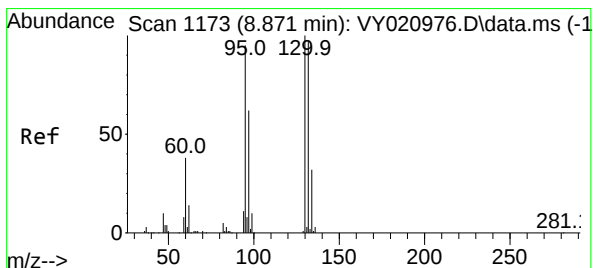
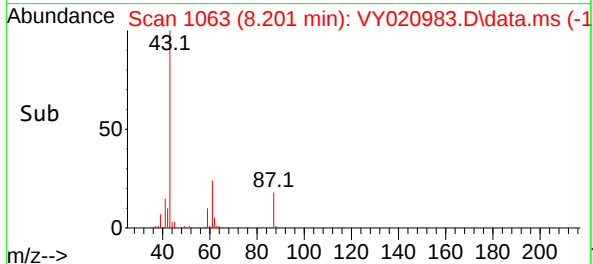
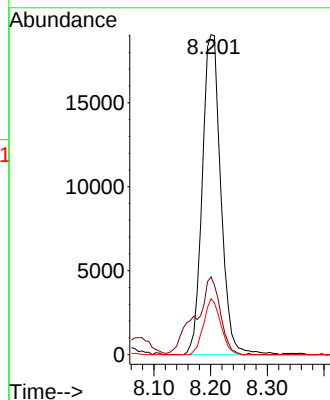
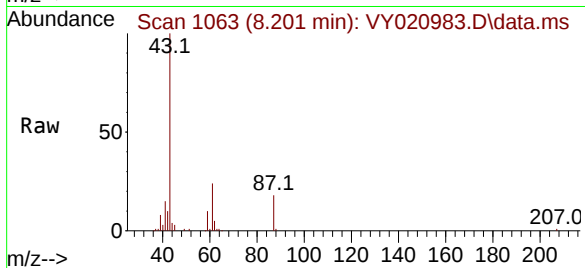
Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 43205
Ion Ratio	Lower Upper
43 100	
61 32.6	15.8 23.6#
87 16.2	12.5 18.7



#44

Trichloroethene

Concen: 21.647 ug/l

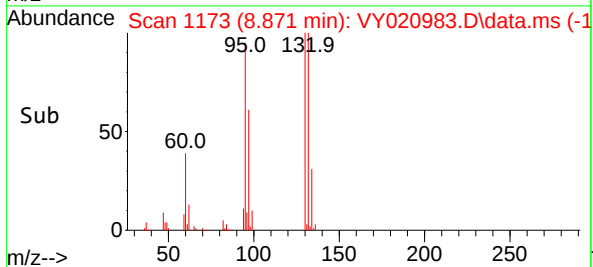
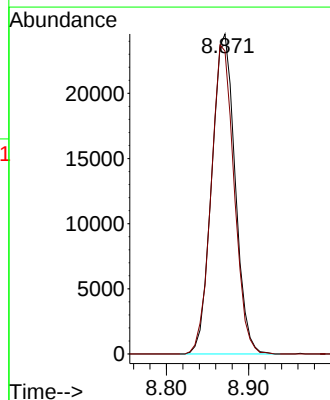
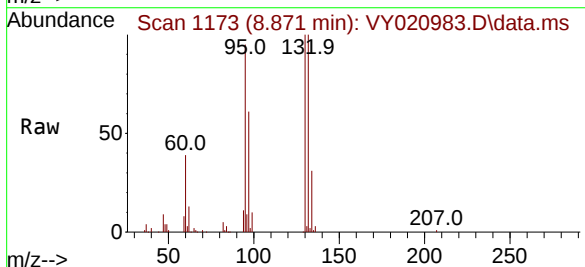
RT: 8.871 min Scan# 1173

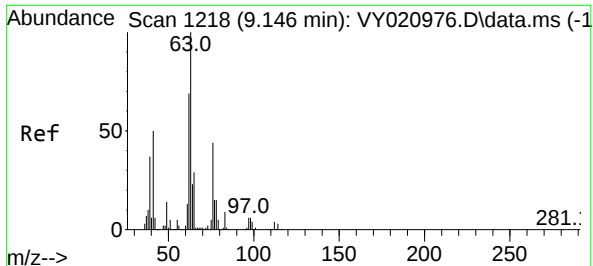
Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Tgt Ion: 130	Resp: 48308
Ion Ratio	Lower Upper
130 100	
95 94.7	0.0 189.6





#45

1,2-Dichloropropane

Concen: 20.941 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

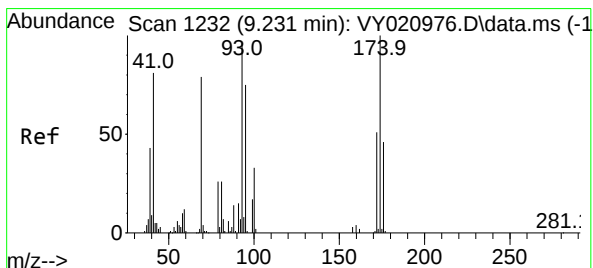
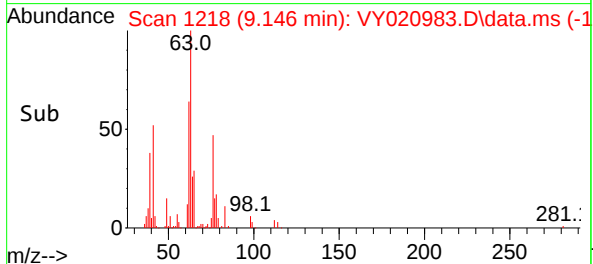
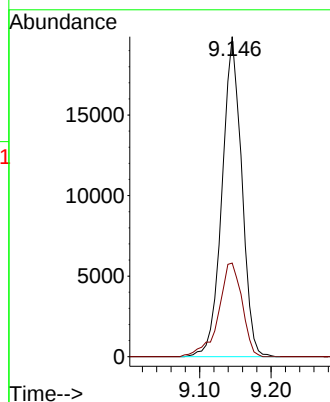
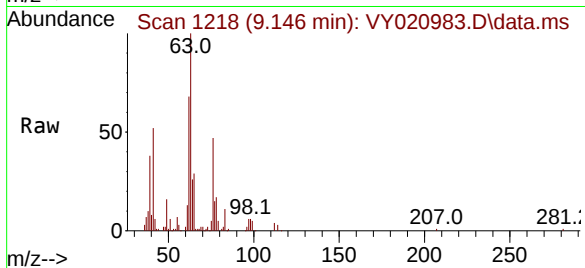
ClientSampleId :

Tgt Ion: 63 Resp: 37960

Ion Ratio Lower Upper

63 100

65 29.3 23.6 35.4



#46

Dibromomethane

Concen: 21.512 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

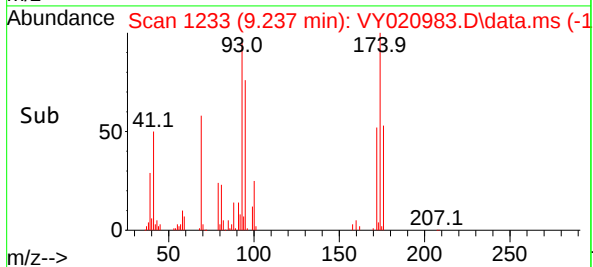
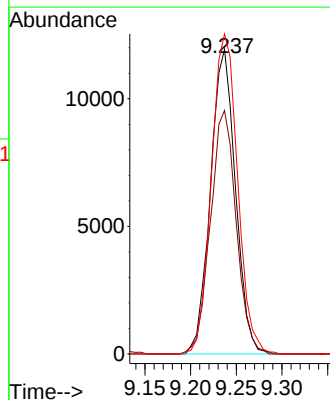
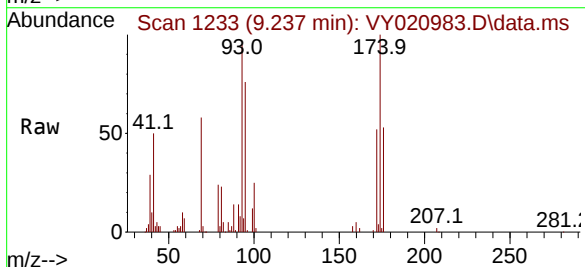
Tgt Ion: 93 Resp: 22693

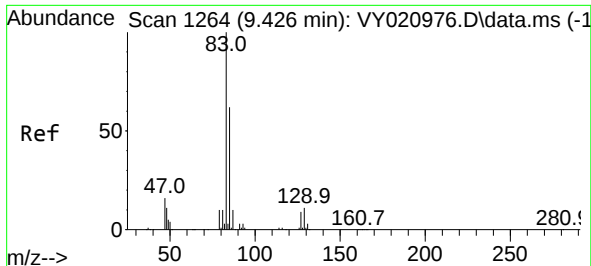
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 110.1 88.1 132.1





#47

Bromodichloromethane

Concen: 21.147 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

ClientSampleId :

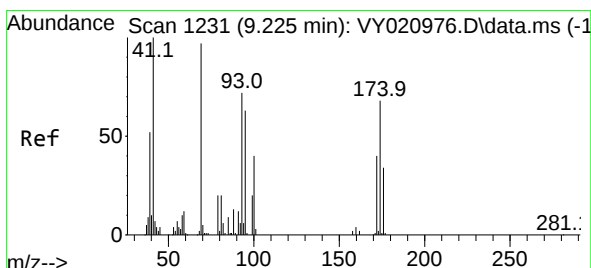
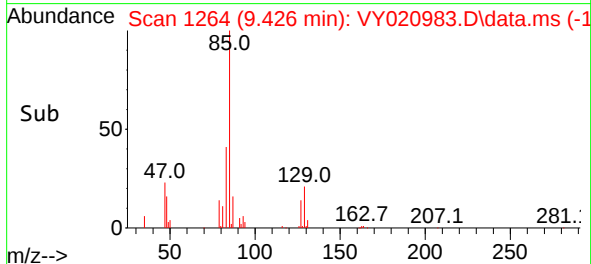
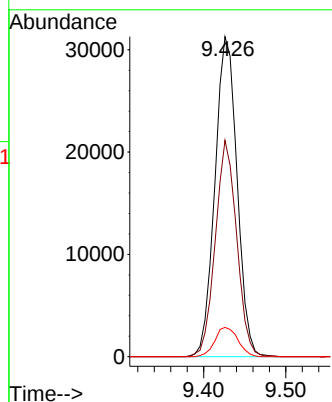
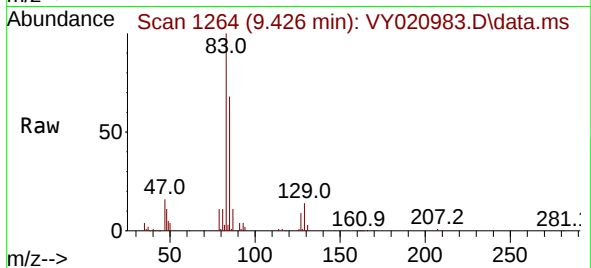
Tgt Ion: 83 Resp: 58584

Ion Ratio Lower Upper

83 100

85 67.6 49.6 74.4

127 9.2 7.1 10.7



#48

Methyl methacrylate

Concen: 20.646 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

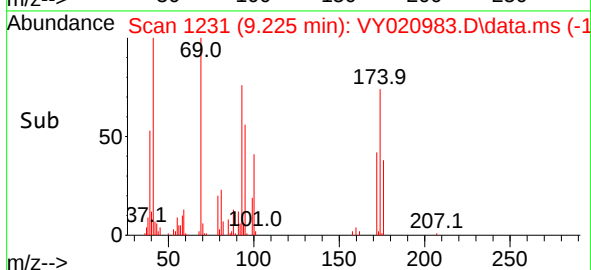
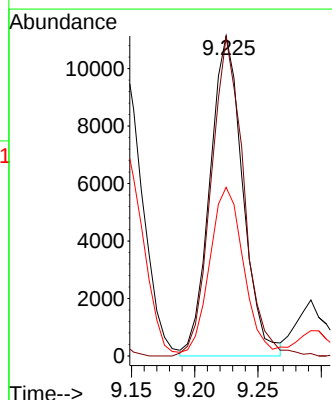
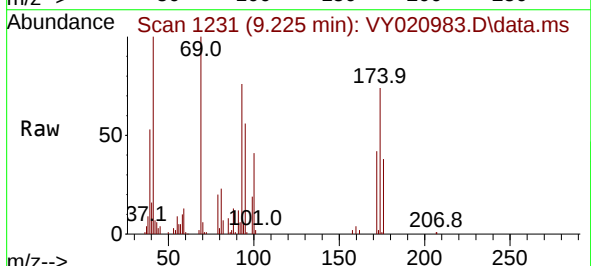
Tgt Ion: 41 Resp: 20122

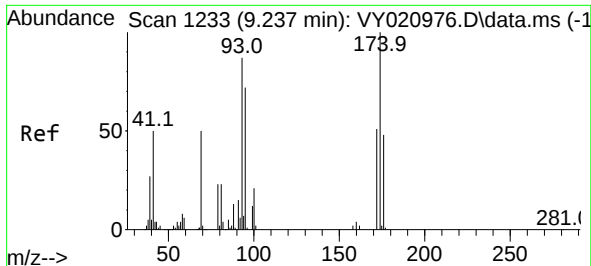
Ion Ratio Lower Upper

41 100

69 98.9 75.6 113.4

39 53.1 41.3 61.9





#49

1,4-Dioxane

Concen: 409.659 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

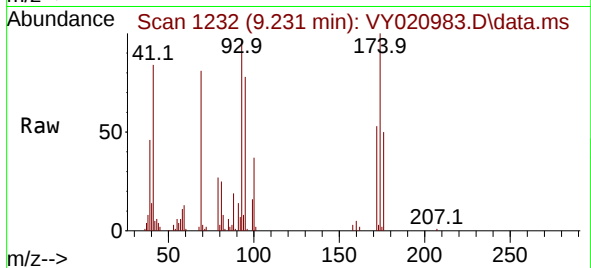
Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

ClientSampleId :



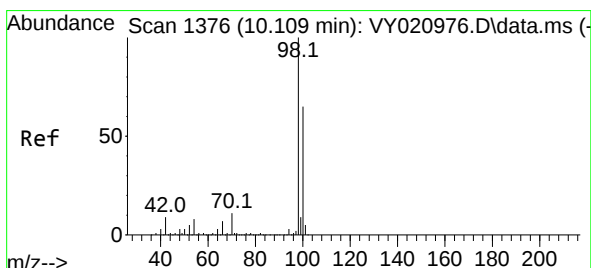
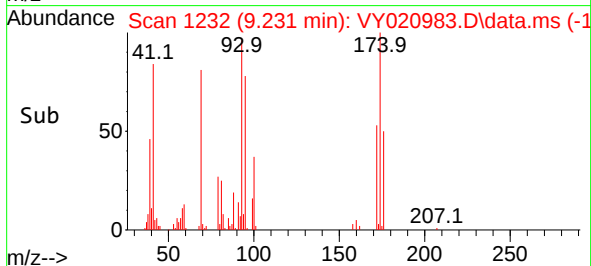
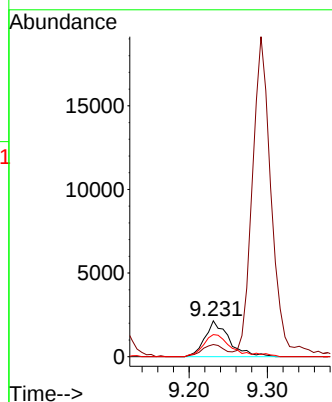
Tgt Ion: 88 Resp: 4592

Ion Ratio Lower Upper

88 100

43 32.5 24.2 36.4

58 72.8 57.3 85.9



#50

Toluene-d8

Concen: 49.217 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020983.D

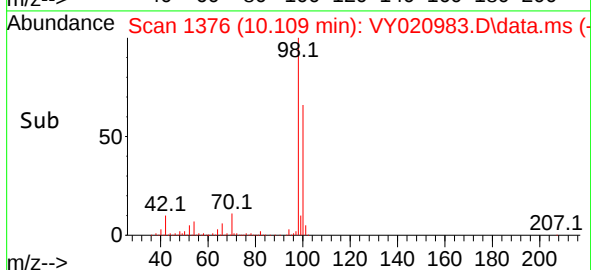
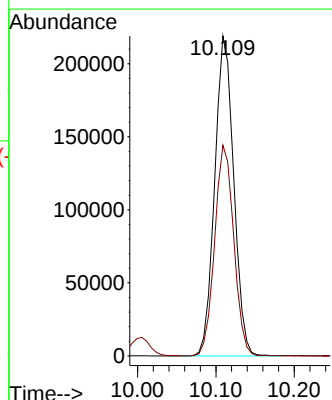
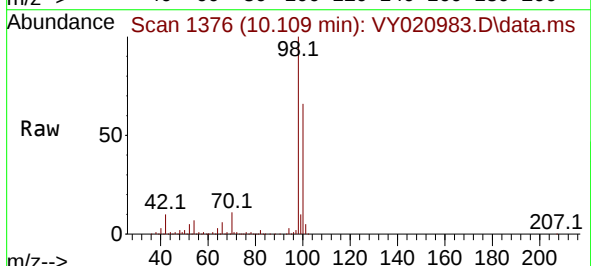
Acq: 30 Jan 2025 13:56

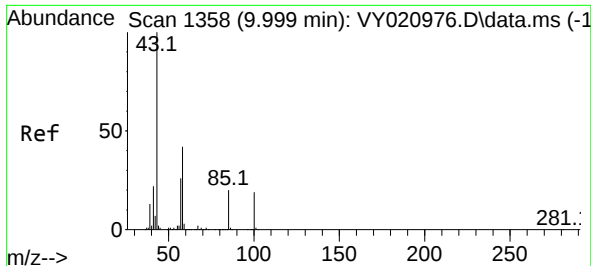
Tgt Ion: 98 Resp: 370103

Ion Ratio Lower Upper

98 100

100 66.1 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 104.650 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

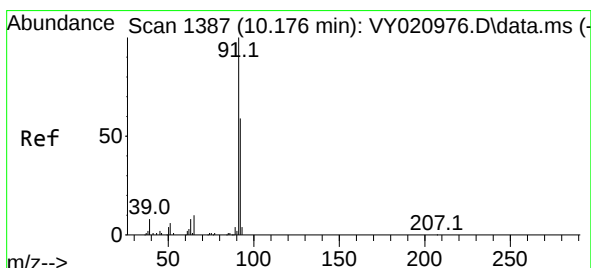
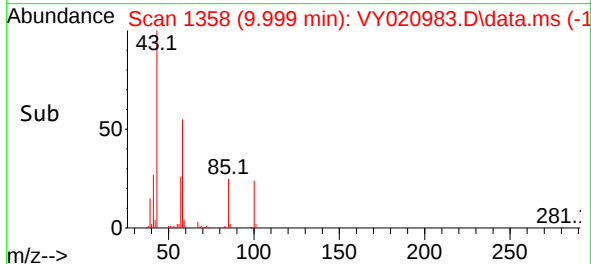
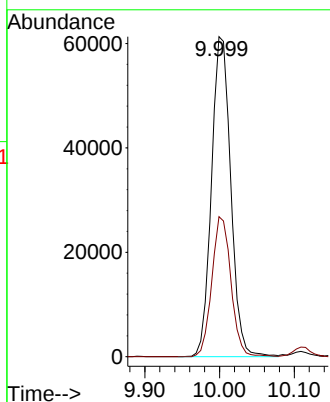
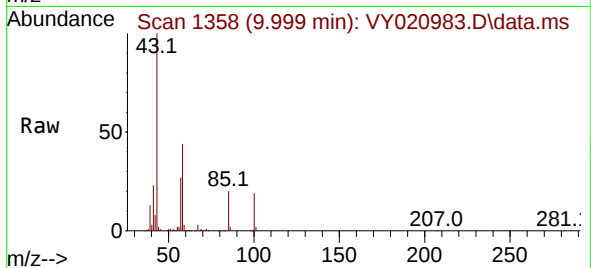
ClientSampleId :

Tgt Ion: 43 Resp: 110081

Ion Ratio Lower Upper

43 100

58 43.4 33.8 50.8



#52

Toluene

Concen: 21.664 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VY020983.D

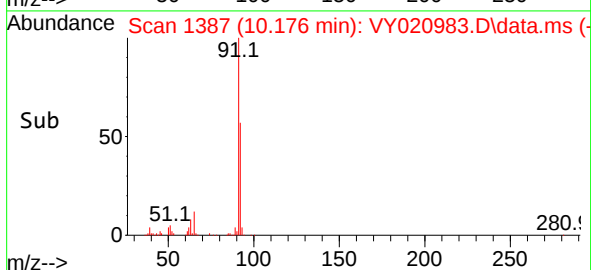
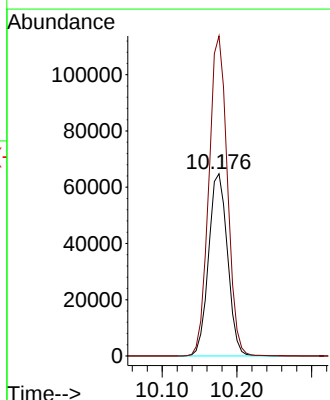
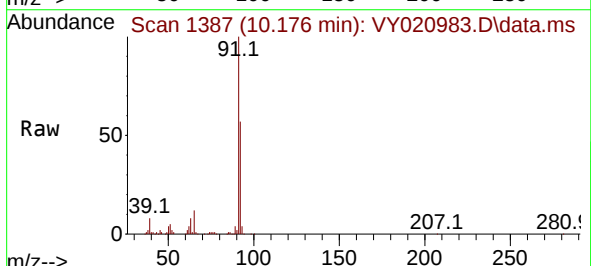
Acq: 30 Jan 2025 13:56

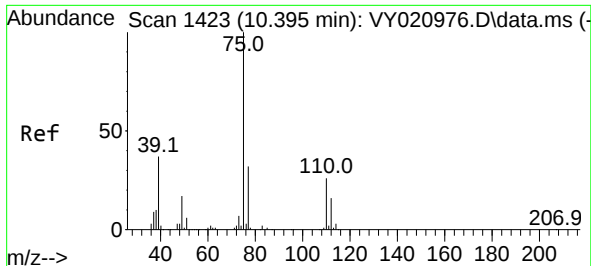
Tgt Ion: 92 Resp: 113729

Ion Ratio Lower Upper

92 100

91 172.2 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 21.721 ug/l

RT: 10.395 min Scan# 1423

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

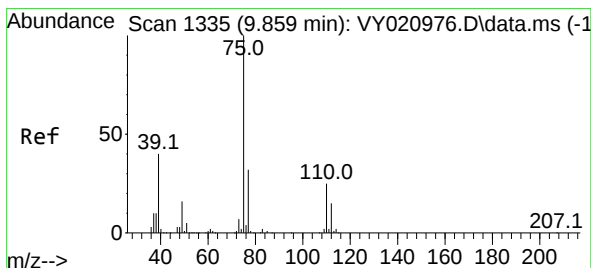
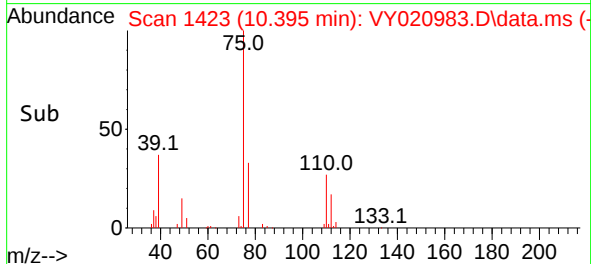
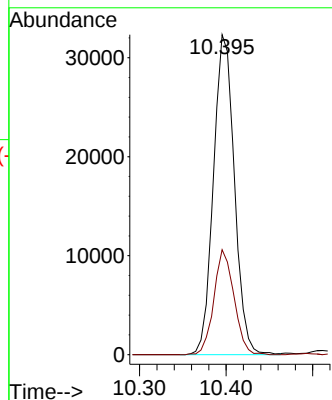
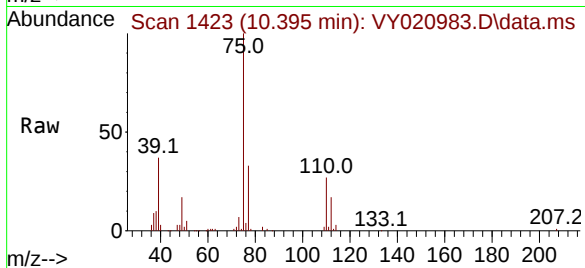
ClientSampleId :

Tgt Ion: 75 Resp: 54453

Ion Ratio Lower Upper

75 100

77 32.8 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 21.222 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

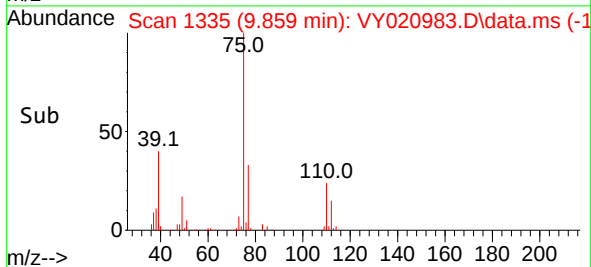
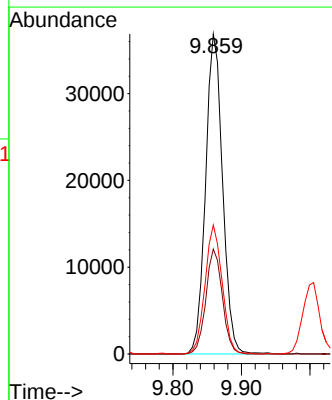
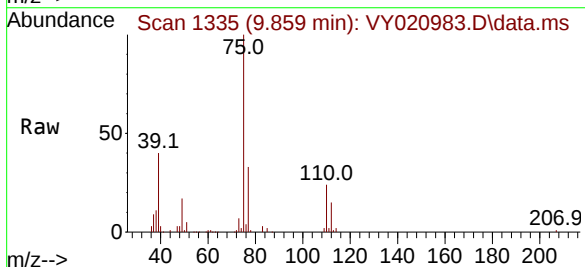
Tgt Ion: 75 Resp: 63584

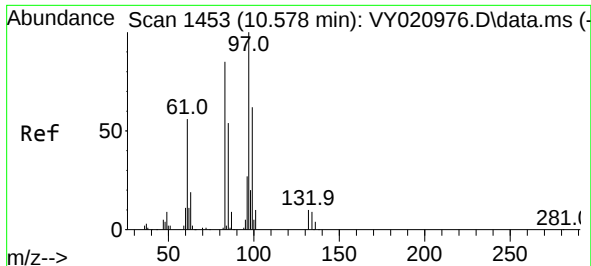
Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0

39 40.3 32.2 48.2

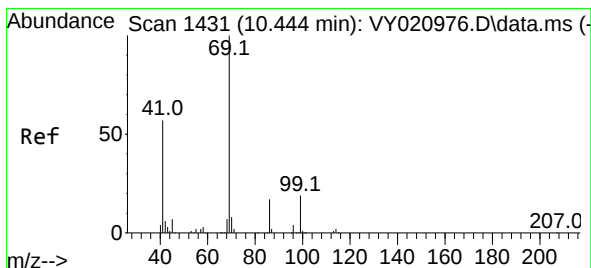
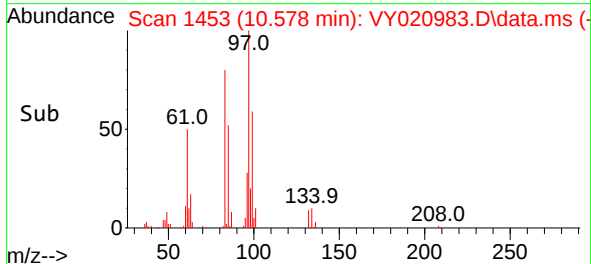
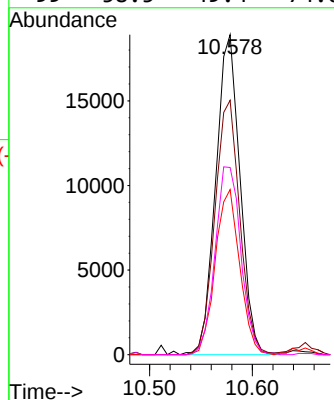
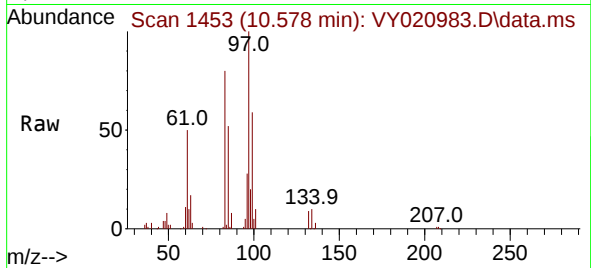




#55
1,1,2-Trichloroethane
Concen: 22.126 ug/l
RT: 10.578 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

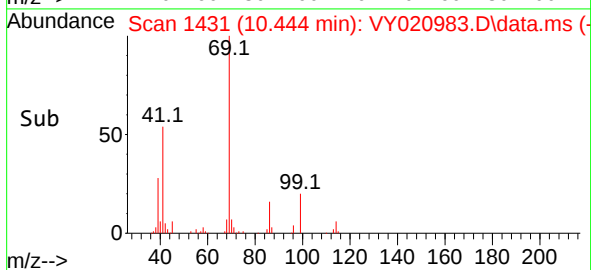
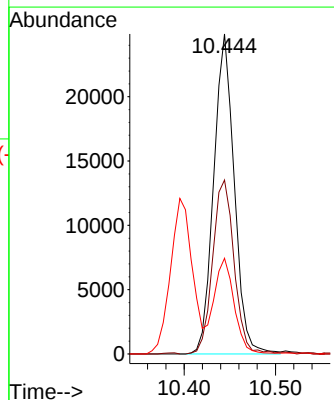
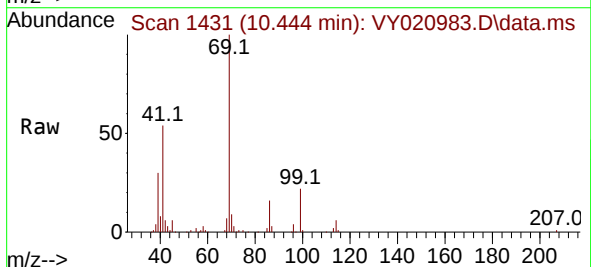
Instrument :
MSVOA_Y
ClientSampleId :

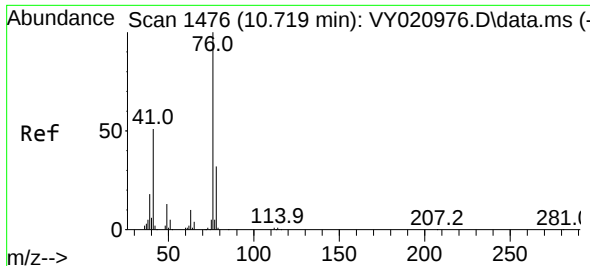
Tgt Ion: 97	Resp: 31040
Ion Ratio	Lower Upper
97 100	
83 79.5	67.7 101.5
85 51.6	43.4 65.2
99 58.5	49.4 74.0



#56
Ethyl methacrylate
Concen: 21.210 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Tgt Ion: 69	Resp: 38894		
Ion Ratio	Lower	Upper	
69 100			
41 57.0	46.3	69.5	
39 29.5	24.5	36.7	





#57

1,3-Dichloropropane

Concen: 21.577 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

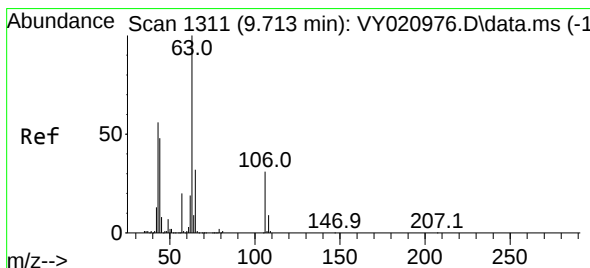
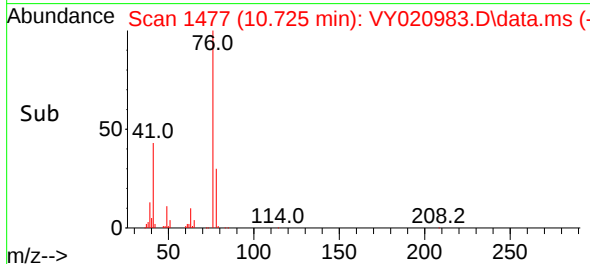
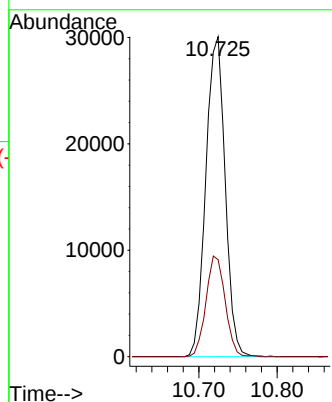
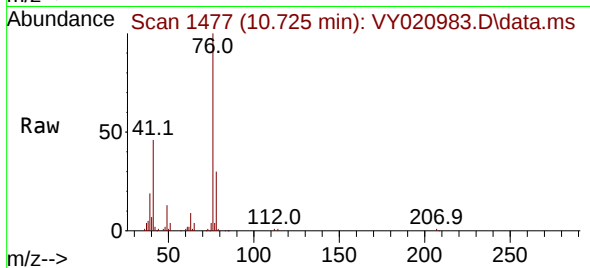
ClientSampleId :

Tgt Ion: 76 Resp: 51306

Ion Ratio Lower Upper

76 100

78 31.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 112.130 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY020983.D

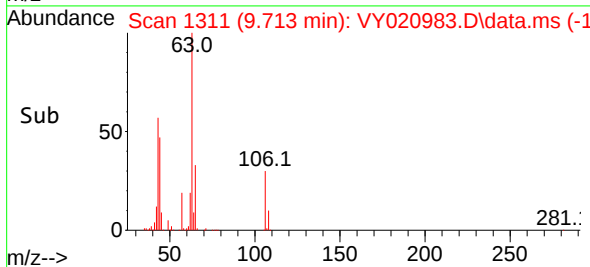
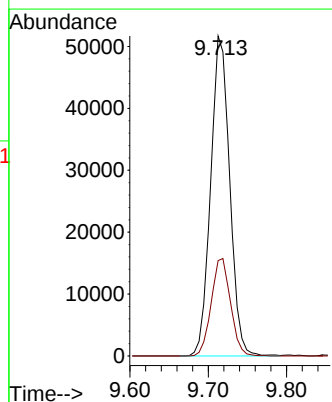
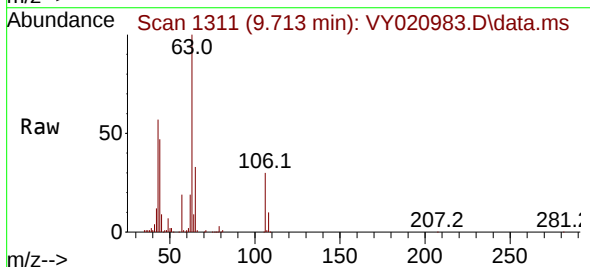
Acq: 30 Jan 2025 13:56

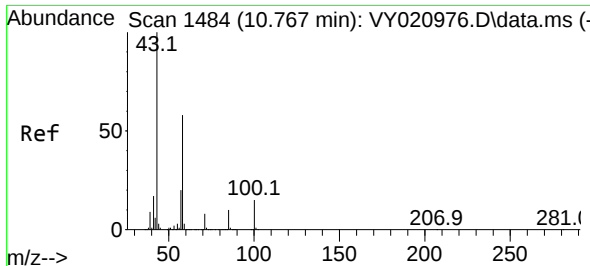
Tgt Ion: 63 Resp: 87272

Ion Ratio Lower Upper

63 100

106 30.8 24.7 37.1

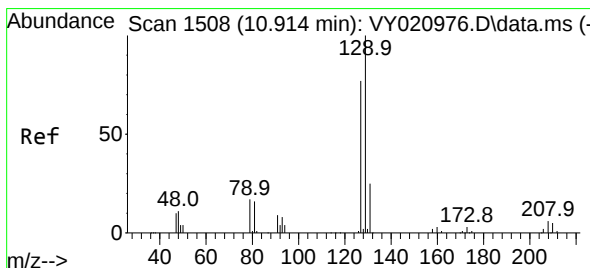
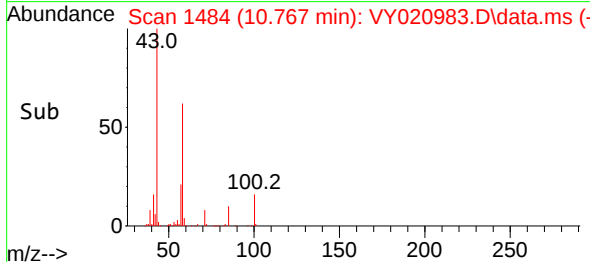
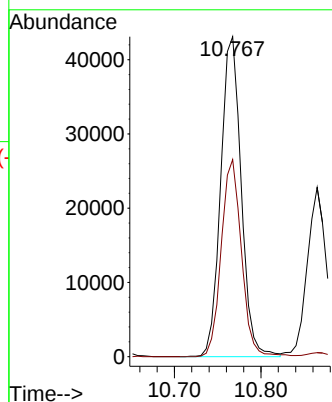
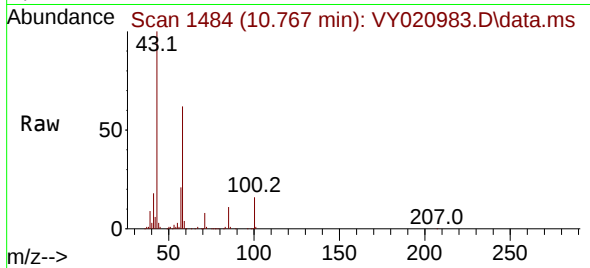




#59
2-Hexanone
Concen: 103.608 ug/l
RT: 10.767 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

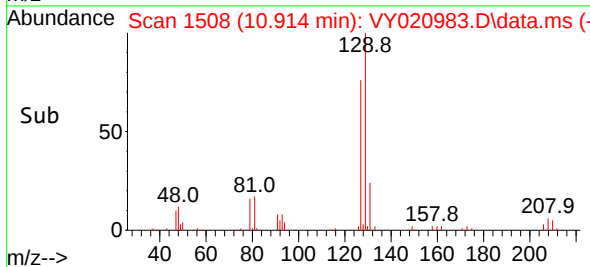
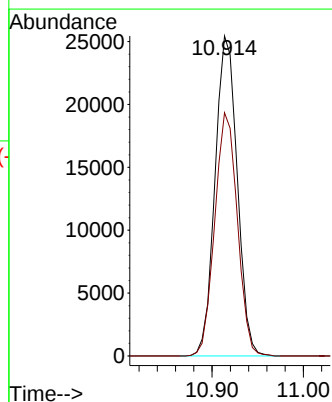
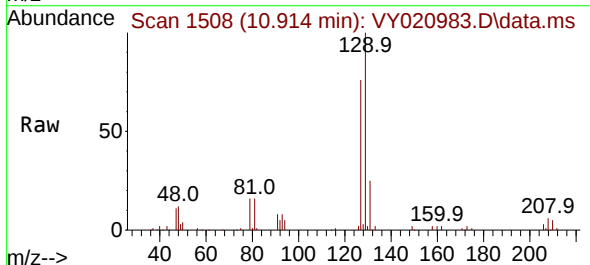
Instrument :
MSVOA_Y
ClientSampleId :

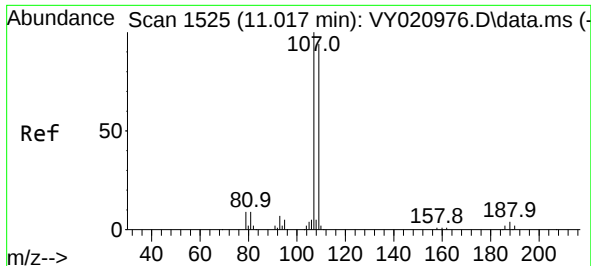
Tgt Ion: 43 Resp: 70840
Ion Ratio Lower Upper
43 100
58 60.7 29.8 89.3



#60
Dibromochloromethane
Concen: 21.439 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Tgt Ion:129 Resp: 42883
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3

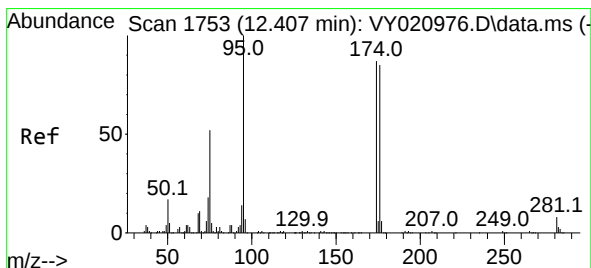
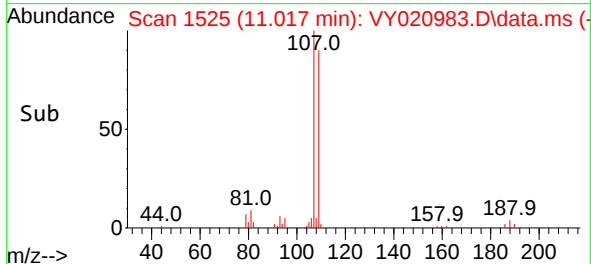
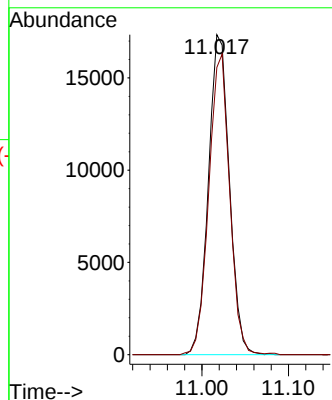
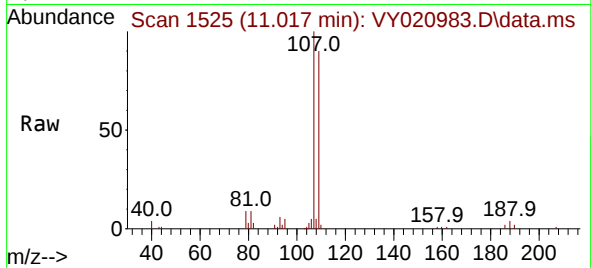




#61
1,2-Dibromoethane
Concen: 21.769 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

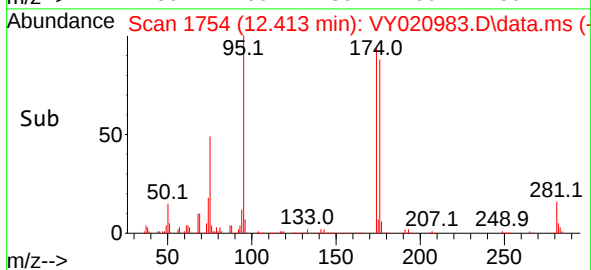
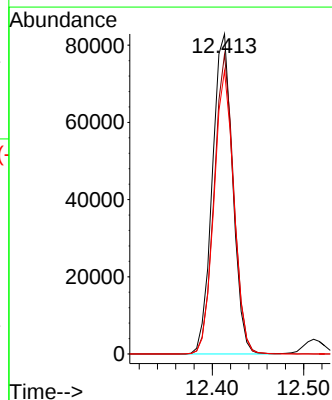
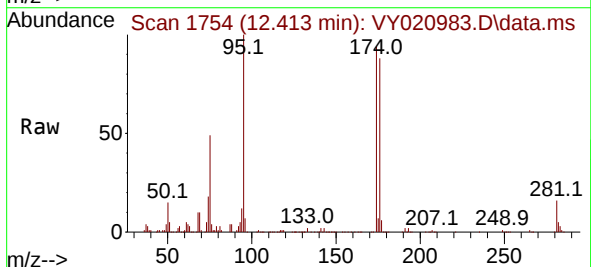
Instrument :
MSVOA_Y
ClientSampleId :

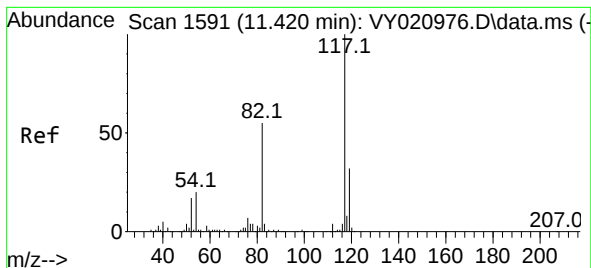
Tgt Ion:107 Resp: 29169
Ion Ratio Lower Upper
107 100
109 93.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.590 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Tgt Ion: 95 Resp: 127653
Ion Ratio Lower Upper
95 100
174 90.7 0.0 181.2
176 87.0 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

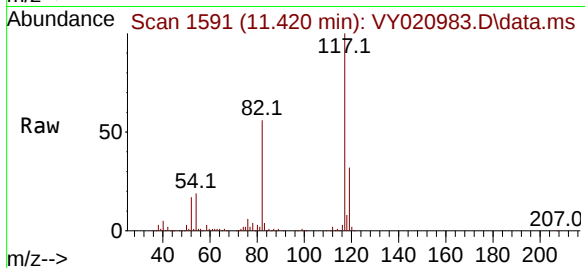
Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

ClientSampleId :



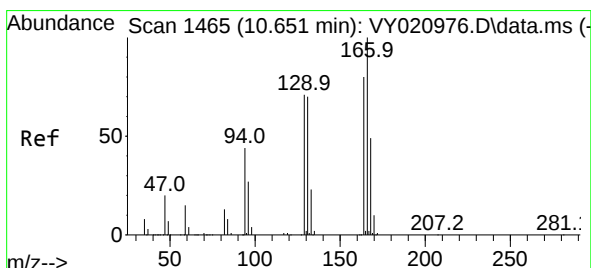
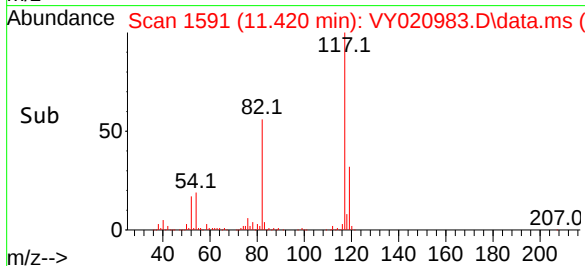
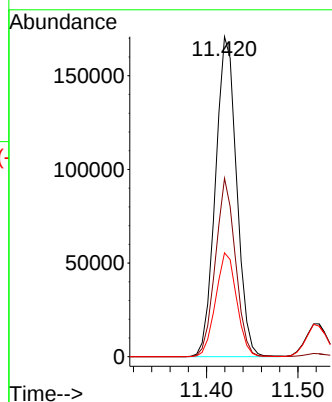
Tgt Ion:117 Resp: 275335

Ion Ratio Lower Upper

117 100

82 55.7 44.2 66.2

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 21.816 ug/l

RT: 10.651 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Tgt Ion:164 Resp: 45311

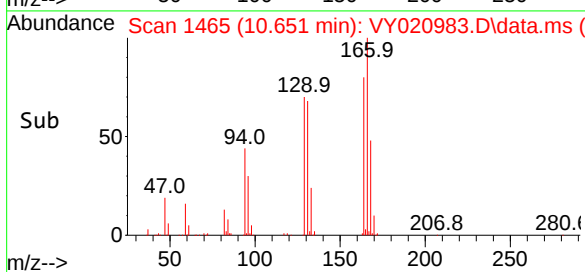
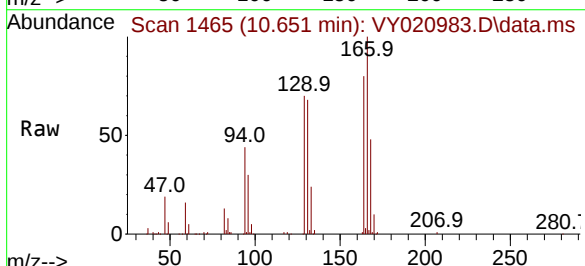
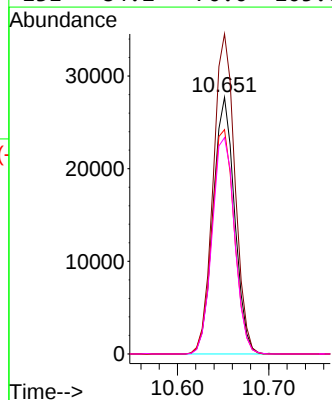
Ion Ratio Lower Upper

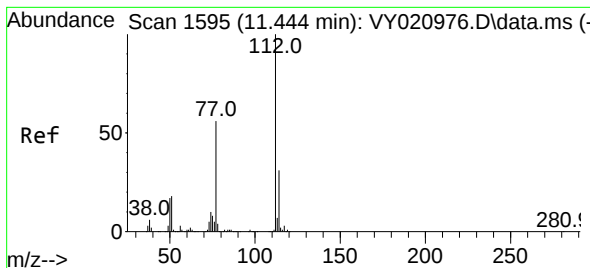
164 100

166 124.7 100.4 150.6

129 87.4 70.8 106.2

131 84.2 70.0 105.0





#65

Chlorobenzene

Concen: 21.868 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

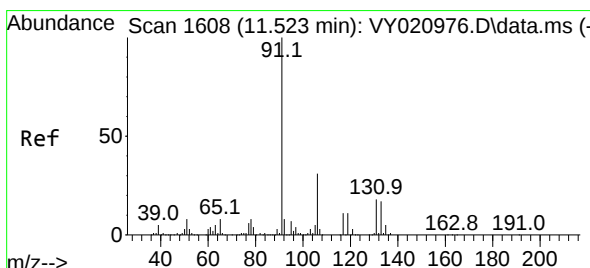
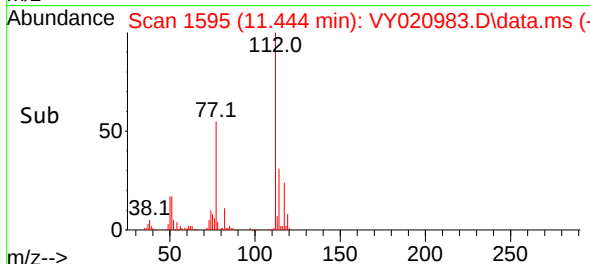
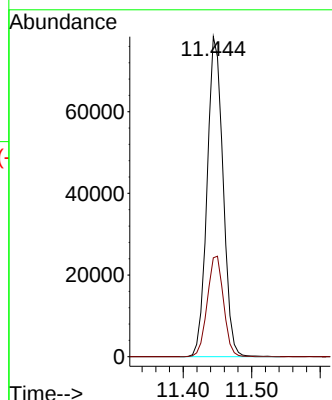
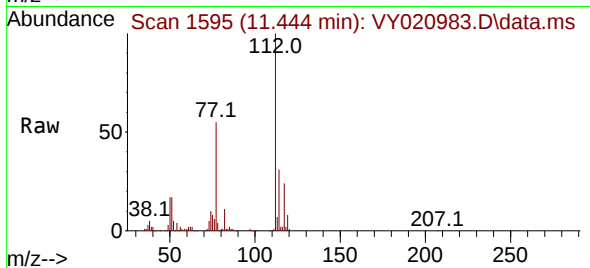
ClientSampleId :

Tgt Ion:112 Resp: 126856

Ion Ratio Lower Upper

112 100

114 30.9 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 22.273 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

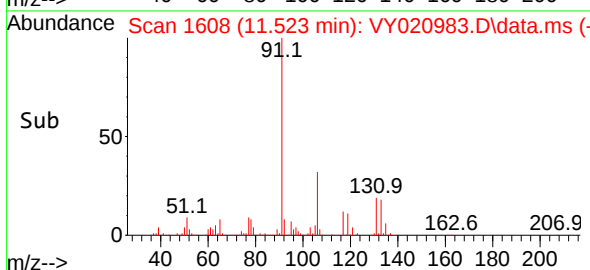
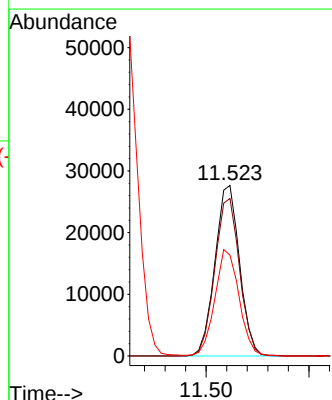
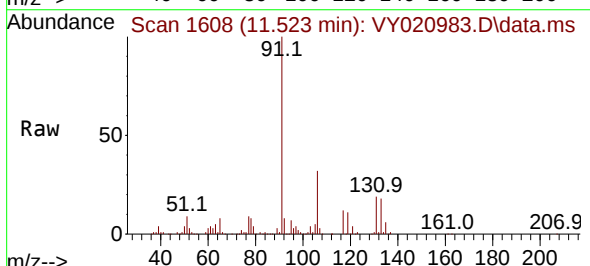
Tgt Ion:131 Resp: 45856

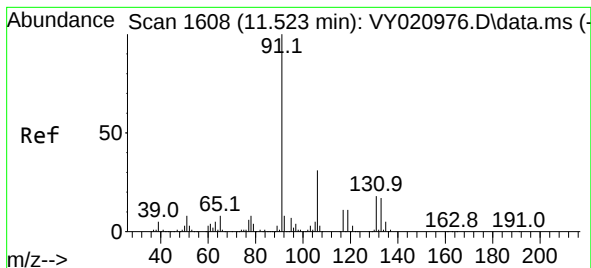
Ion Ratio Lower Upper

131 100

133 93.4 48.7 146.1

119 61.6 31.4 94.3





#67

Ethyl Benzene

Concen: 21.740 ug/l

RT: 11.523 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

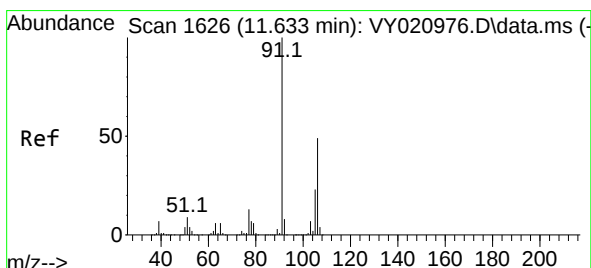
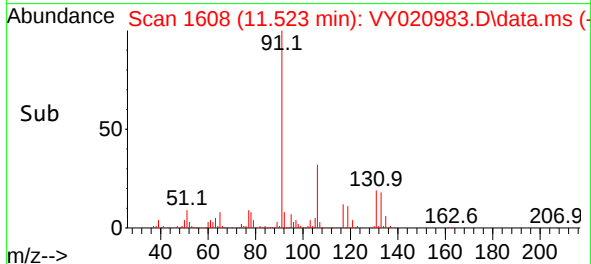
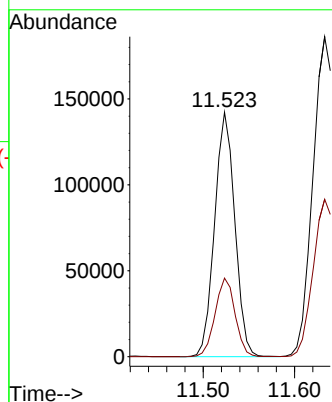
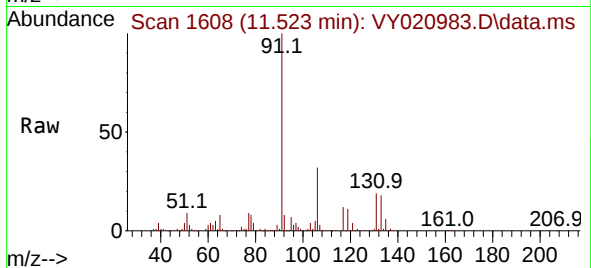
ClientSampleId :

Tgt Ion: 91 Resp: 218359

Ion Ratio Lower Upper

91 100

106 32.1 24.9 37.3



#68

m/p-Xylenes

Concen: 44.112 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY020983.D

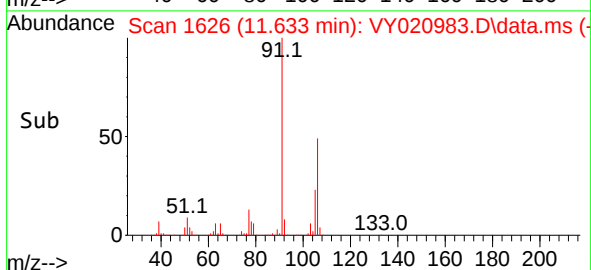
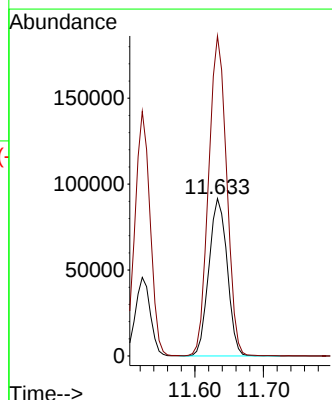
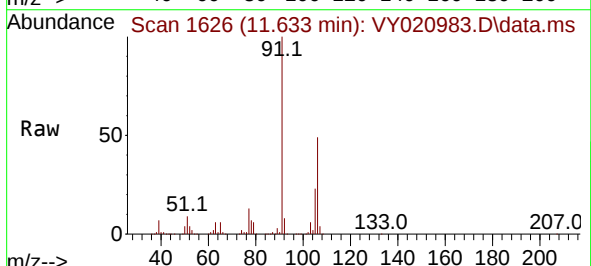
Acq: 30 Jan 2025 13:56

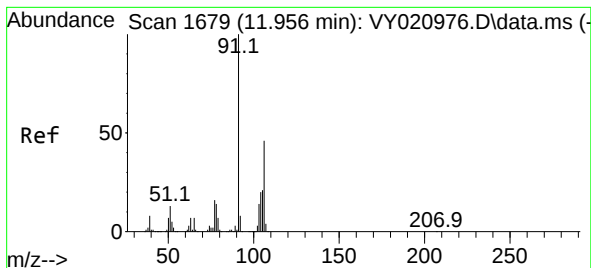
Tgt Ion:106 Resp: 170226

Ion Ratio Lower Upper

106 100

91 199.8 160.0 240.0





#69

o-Xylene

Concen: 22.336 ug/l

RT: 11.962 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

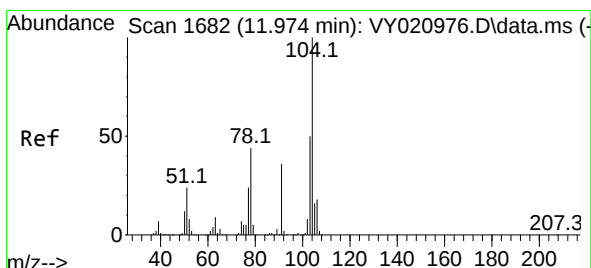
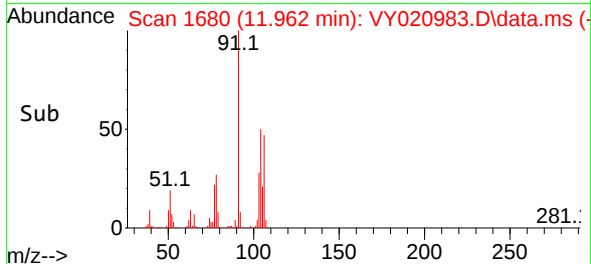
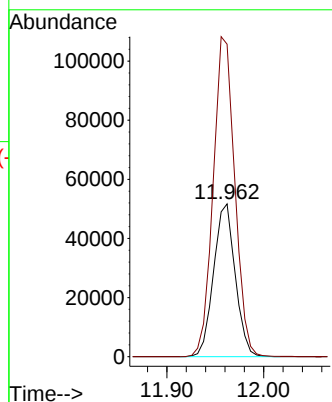
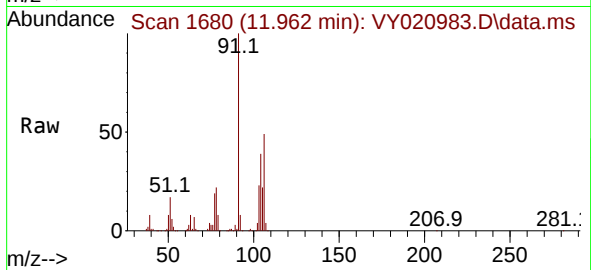
ClientSampleId :

Tgt Ion:106 Resp: 80127

Ion Ratio Lower Upper

106 100

91 210.0 105.8 317.6



#70

Styrene

Concen: 22.174 ug/l

RT: 11.974 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

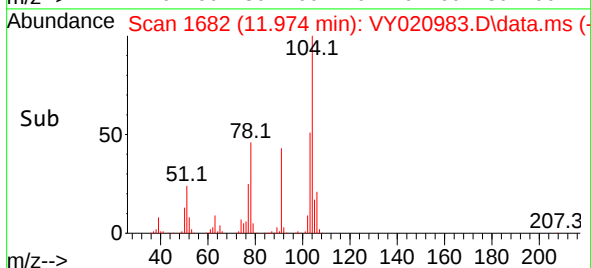
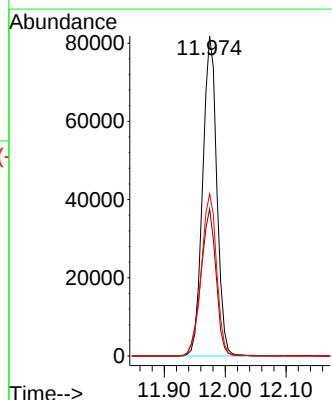
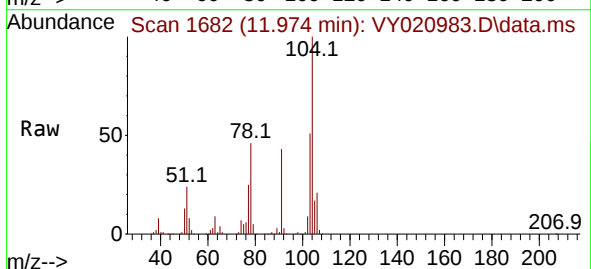
Tgt Ion:104 Resp: 132071

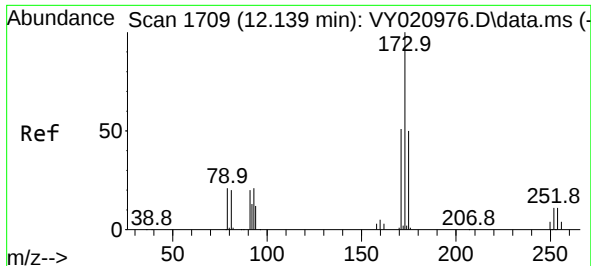
Ion Ratio Lower Upper

104 100

78 49.1 39.0 58.4

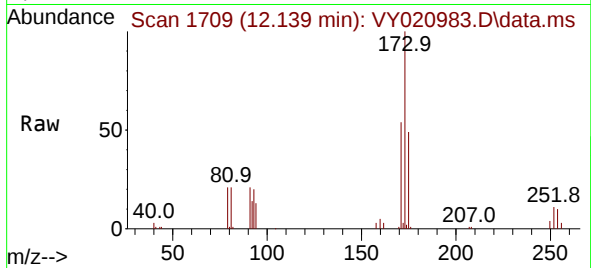
103 54.6 43.7 65.5



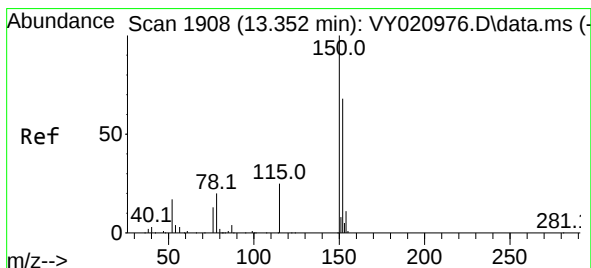
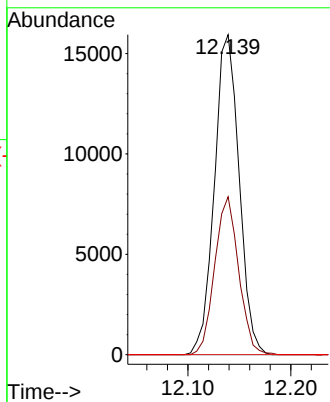
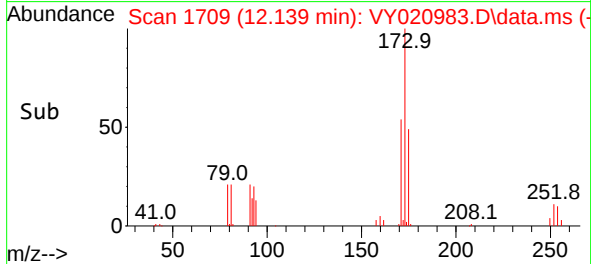


#71
Bromoform
Concen: 21.926 ug/l
RT: 12.139 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

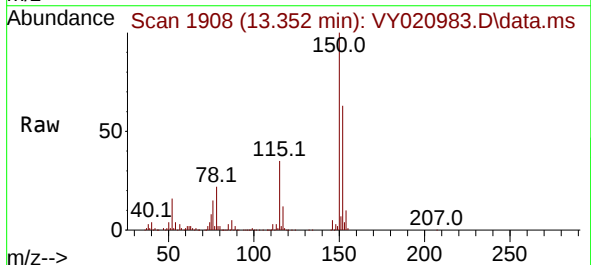
Instrument :
MSVOA_Y
ClientSampleId :



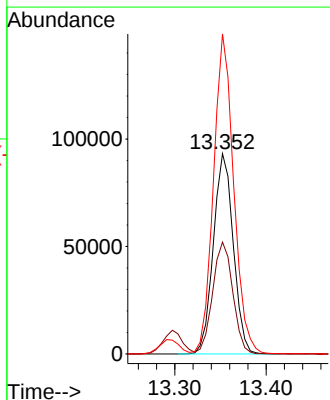
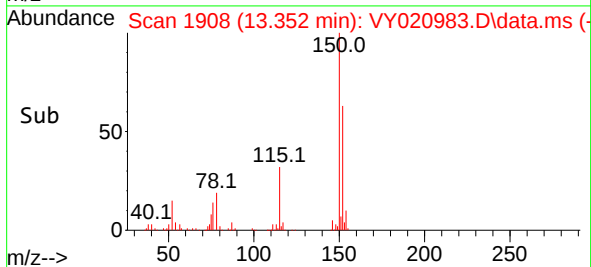
Tgt Ion:173 Resp: 26605
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.2
254 0.0 0.0 0.0

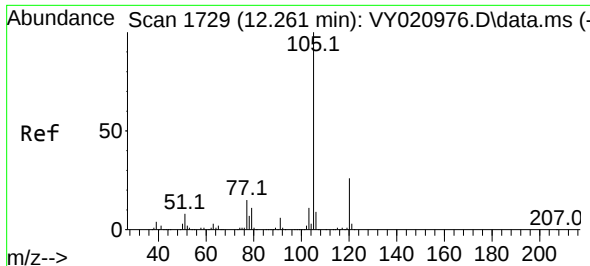


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56



Tgt Ion:152 Resp: 141435
Ion Ratio Lower Upper
152 100
115 56.3 28.4 85.2
150 162.1 0.0 342.8

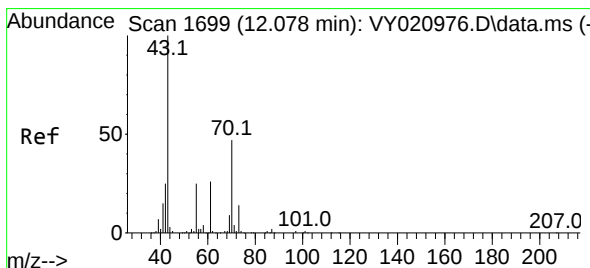
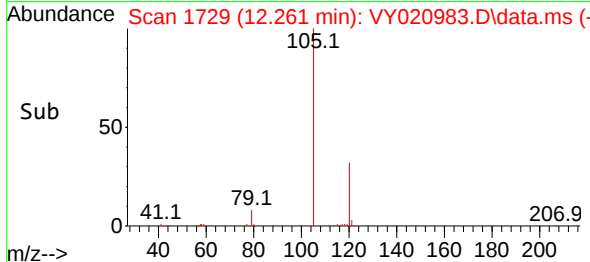
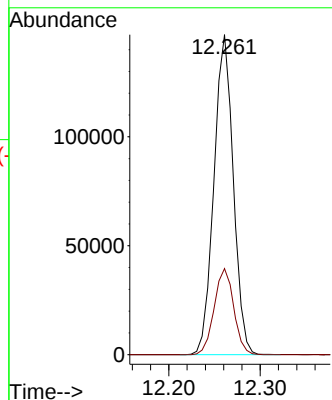
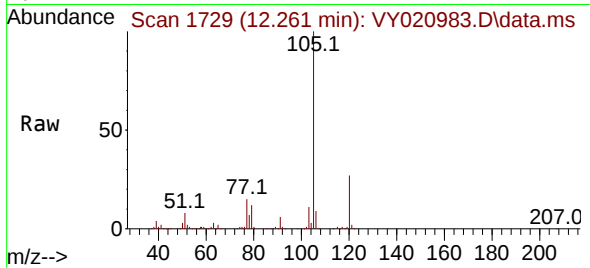




#73
Isopropylbenzene
Concen: 21.723 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

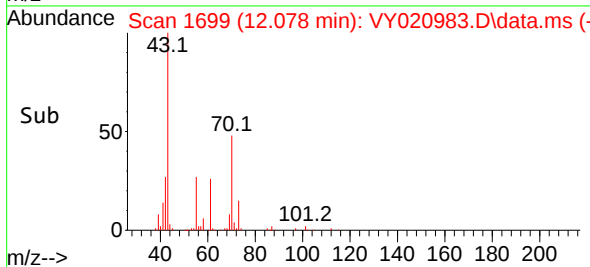
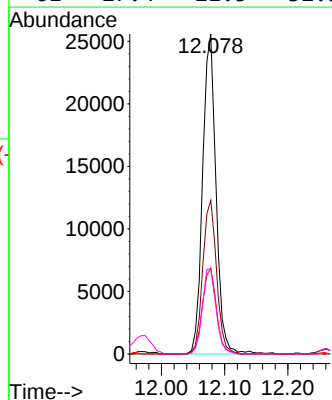
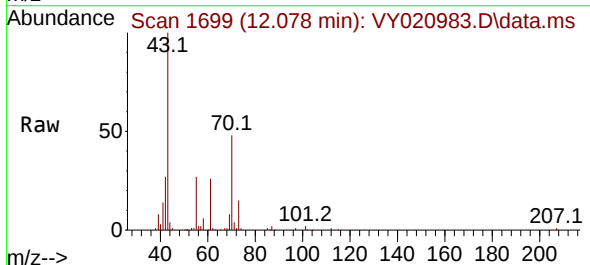
Instrument :
MSVOA_Y
ClientSampleId :

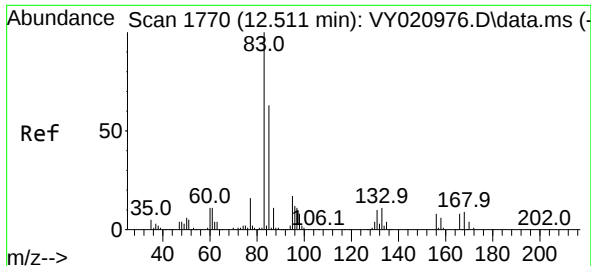
Tgt Ion:105 Resp: 215780
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 20.910 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Tgt Ion: 43 Resp: 37821
Ion Ratio Lower Upper
43 100
70 49.4 39.3 58.9
55 27.9 22.3 33.5
61 27.4 21.5 32.3

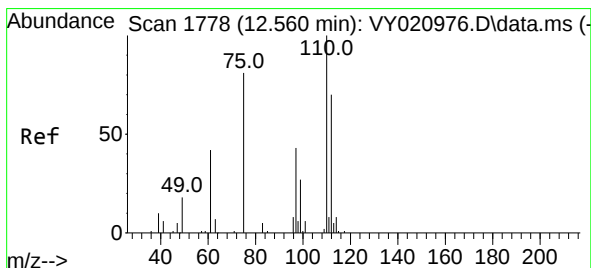
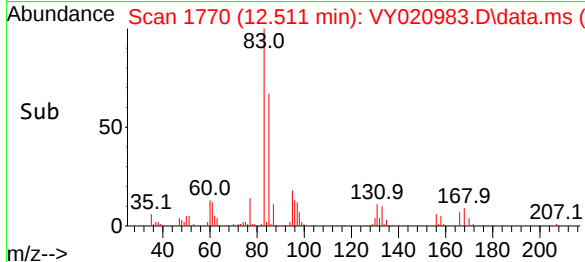
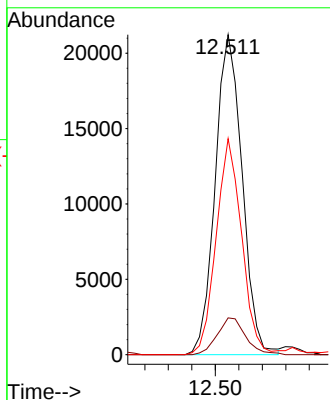
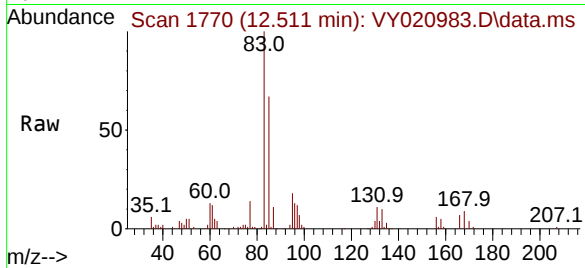




#75
1,1,2,2-Tetrachloroethane
Concen: 21.109 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

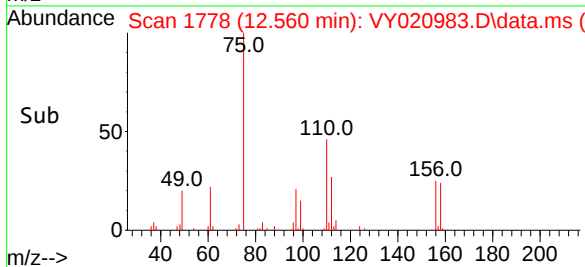
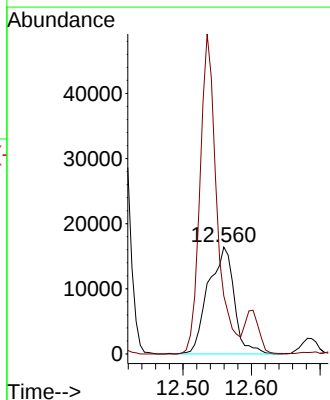
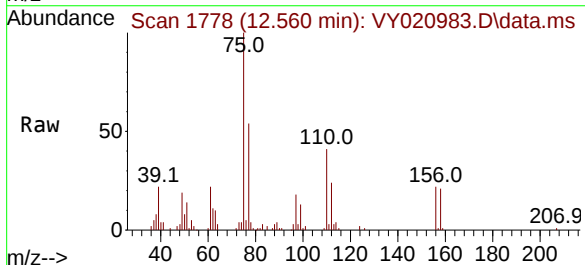
Instrument :
MSVOA_Y
ClientSampleId :

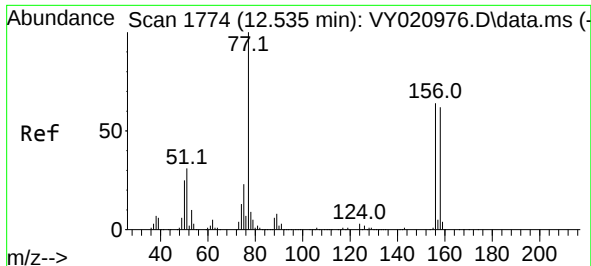
Tgt Ion: 83 Resp: 33847
Ion Ratio Lower Upper
83 100
131 12.1 5.7 17.1
85 63.7 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 38.466 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Tgt Ion: 75 Resp: 43068
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

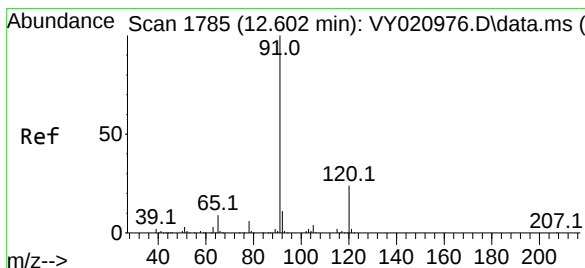
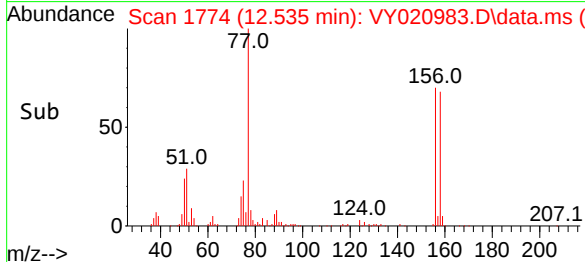
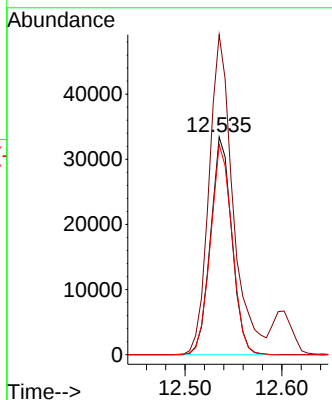
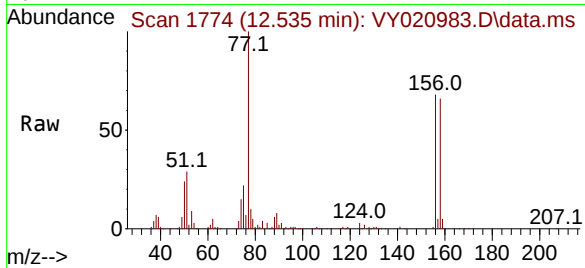




#77
Bromobenzene
Concen: 21.651 ug/l
RT: 12.535 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

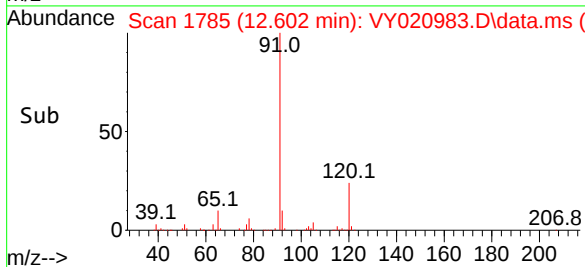
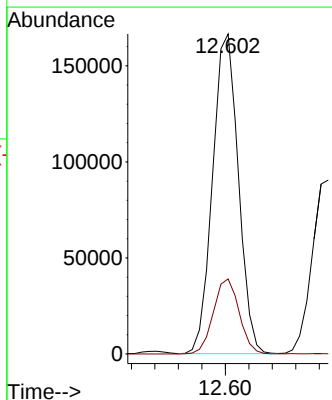
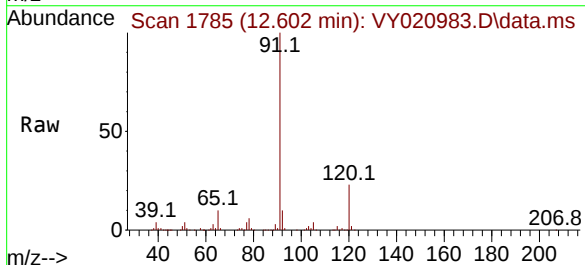
Instrument :
MSVOA_Y
ClientSampleId :

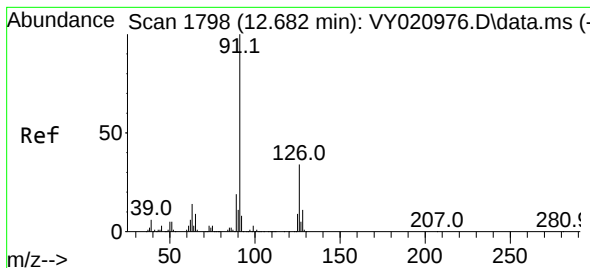
Tgt Ion:156 Resp: 50989
Ion Ratio Lower Upper
156 100
77 165.6 83.3 249.9
158 98.0 48.3 144.9



#78
n-propylbenzene
Concen: 21.754 ug/l
RT: 12.602 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Tgt Ion: 91 Resp: 253257
Ion Ratio Lower Upper
91 100
120 23.5 11.8 35.4

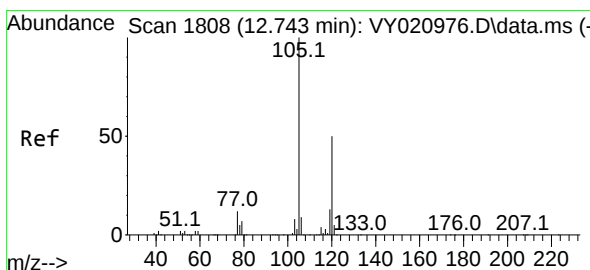
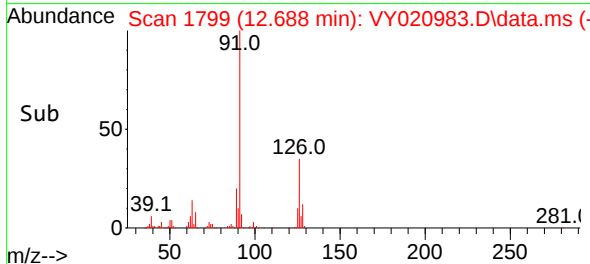
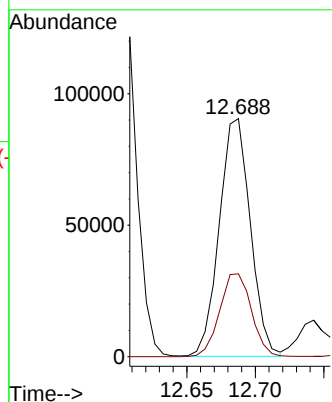
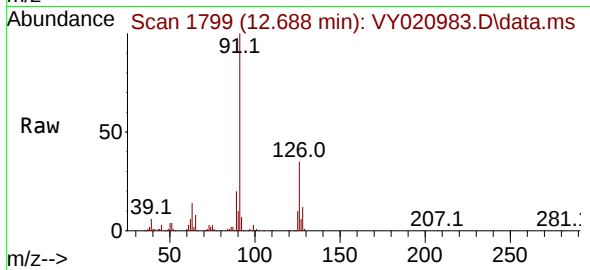




#79
2-Chlorotoluene
Concen: 21.563 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

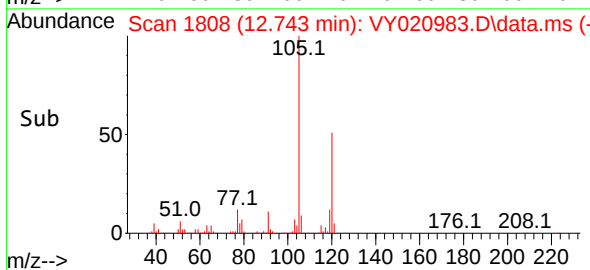
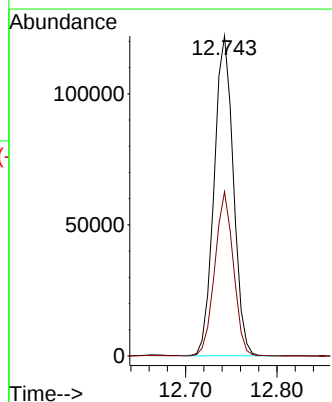
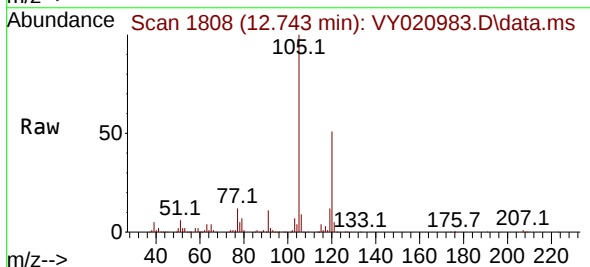
Instrument :
MSVOA_Y
ClientSampleId :

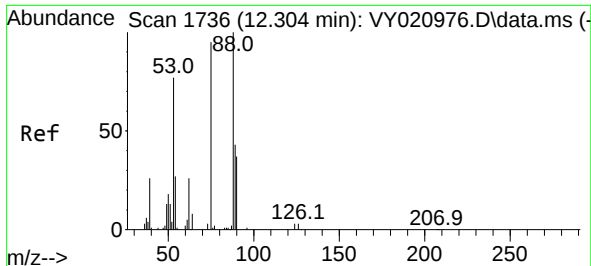
Tgt Ion: 91 Resp: 143024
Ion Ratio Lower Upper
91 100
126 35.6 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 21.915 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Tgt Ion: 105 Resp: 178349
Ion Ratio Lower Upper
105 100
120 49.8 24.3 72.9

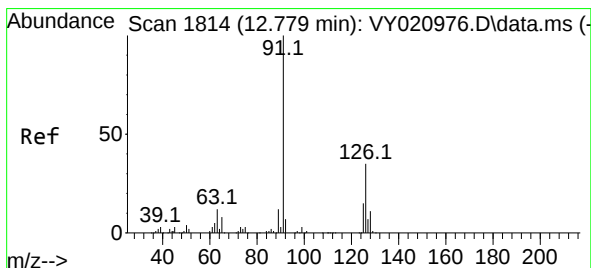
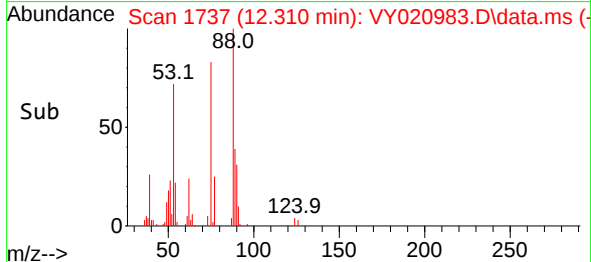
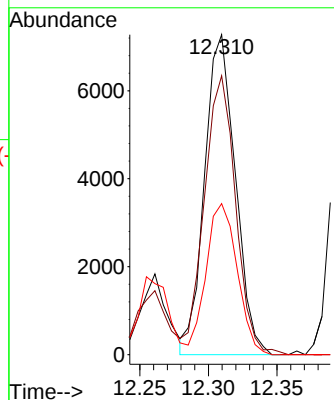
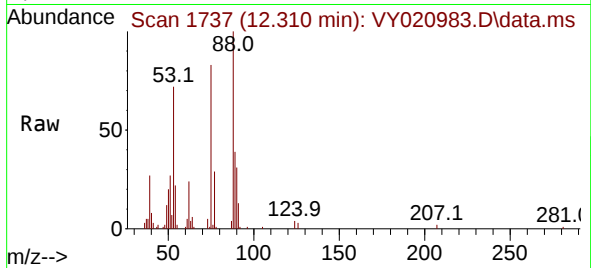




#81
trans-1,4-Dichloro-2-butene
Concen: 21.045 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

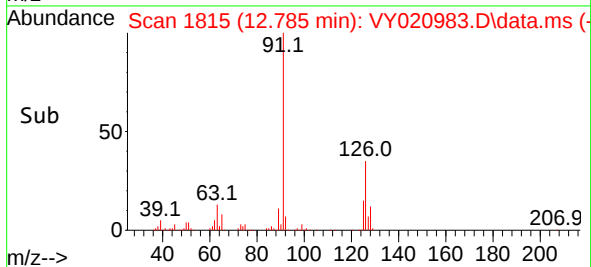
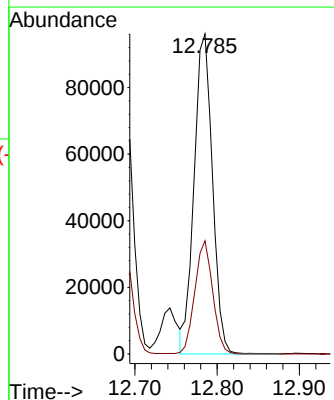
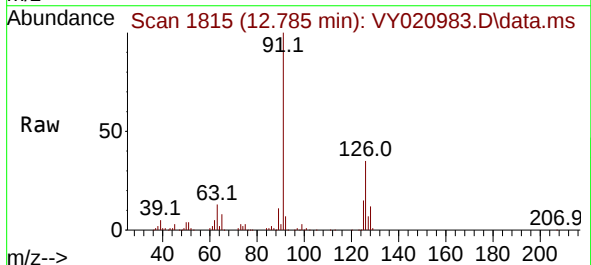
Instrument :
MSVOA_Y
ClientSampleId :

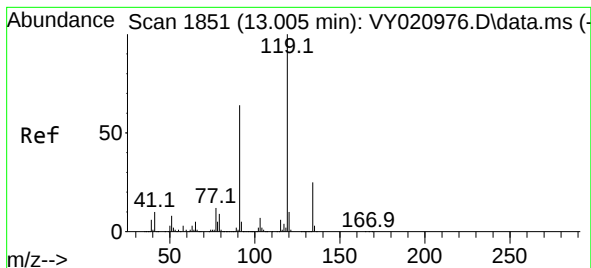
Tgt Ion: 75 Resp: 11351
Ion Ratio Lower Upper
75 100
53 88.5 68.6 103.0
89 47.6 38.1 57.1



#82
4-Chlorotoluene
Concen: 21.950 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Tgt Ion: 91 Resp: 149008
Ion Ratio Lower Upper
91 100
126 34.5 17.3 52.0





#83

tert-Butylbenzene

Concen: 22.154 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

ClientSampleId :

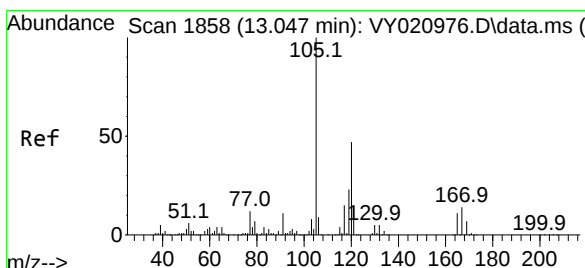
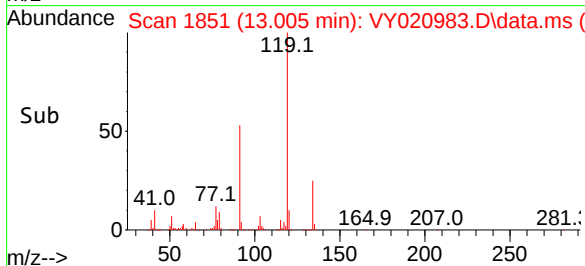
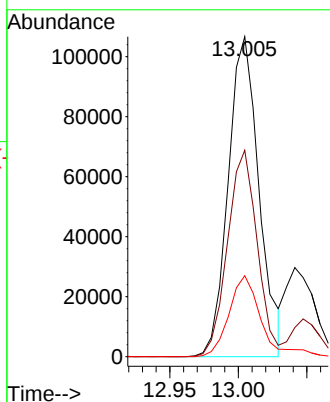
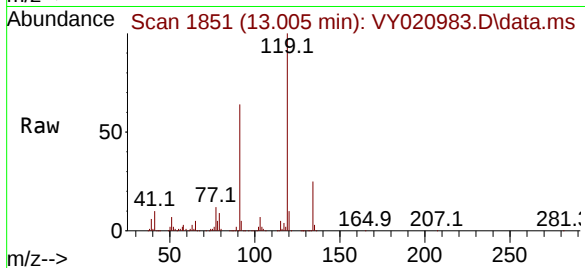
Tgt Ion:119 Resp: 167210

Ion Ratio Lower Upper

119 100

91 62.0 31.4 94.0

134 26.3 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 22.270 ug/l

RT: 13.047 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020983.D

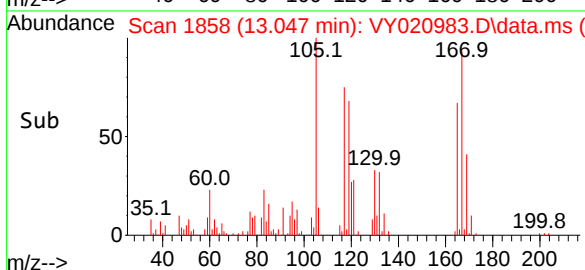
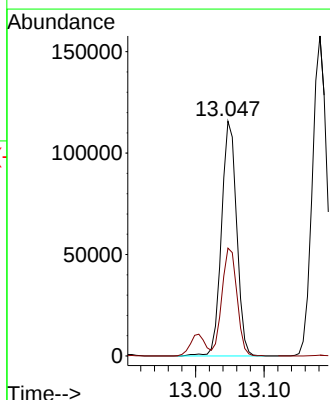
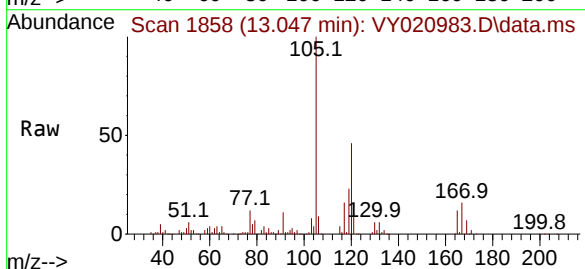
Acq: 30 Jan 2025 13:56

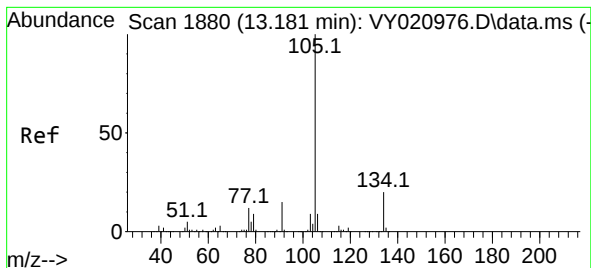
Tgt Ion:105 Resp: 177038

Ion Ratio Lower Upper

105 100

120 45.5 22.7 68.0





#85

sec-Butylbenzene

Concen: 22.074 ug/l

RT: 13.181 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

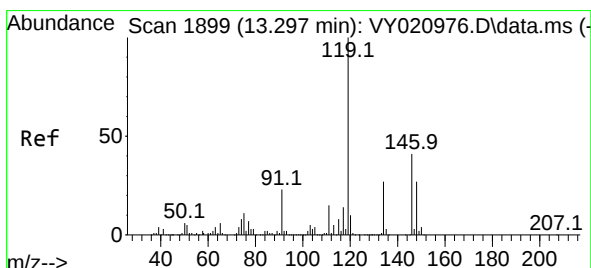
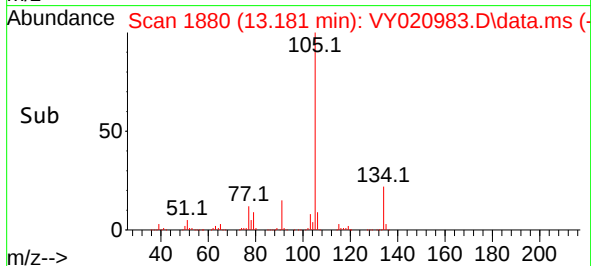
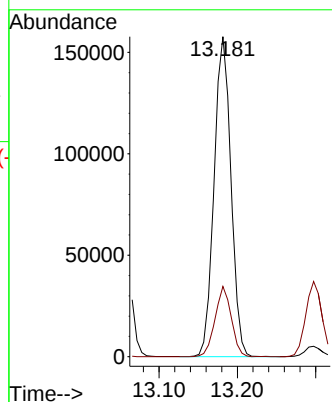
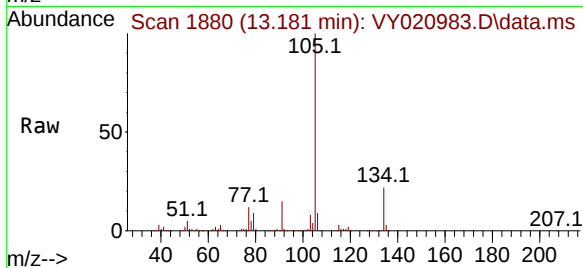
ClientSampleId :

Tgt Ion:105 Resp: 235880

Ion Ratio Lower Upper

105 100

134 21.1 10.3 30.8



#86

p-Isopropyltoluene

Concen: 22.274 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

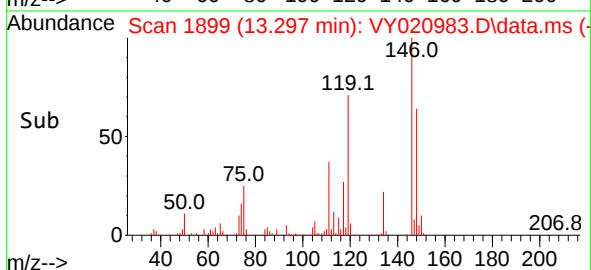
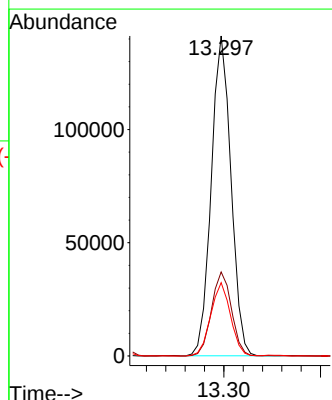
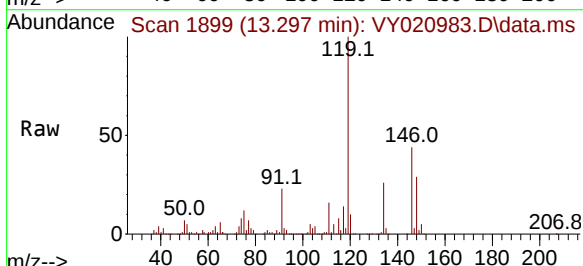
Tgt Ion:119 Resp: 200025

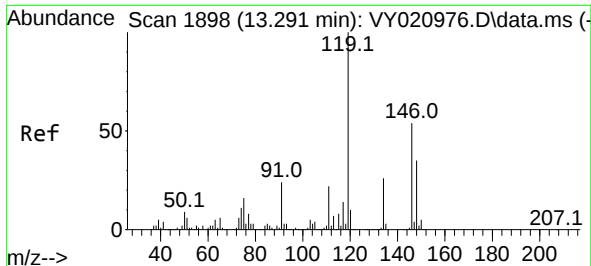
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 23.1 11.5 34.5

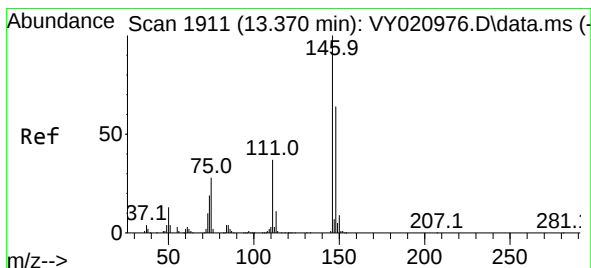
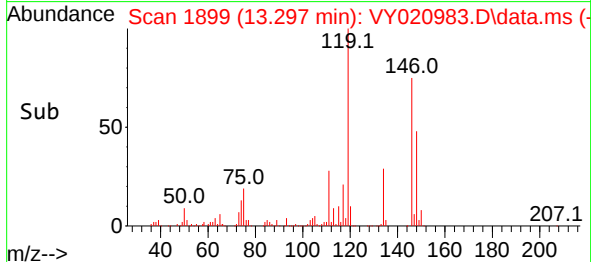
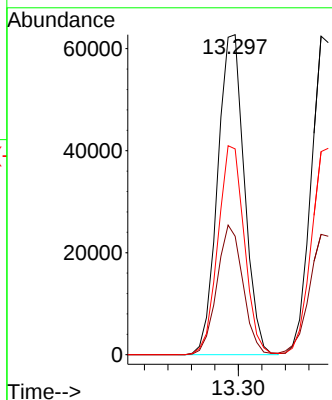
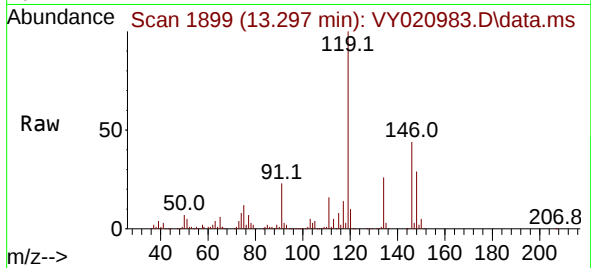




#87
 1,3-Dichlorobenzene
 Concen: 21.626 ug/l
 RT: 13.297 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY020983.D
 Acq: 30 Jan 2025 13:56

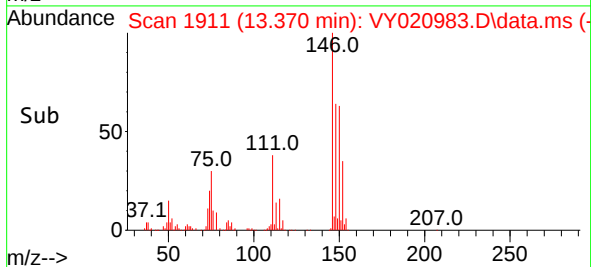
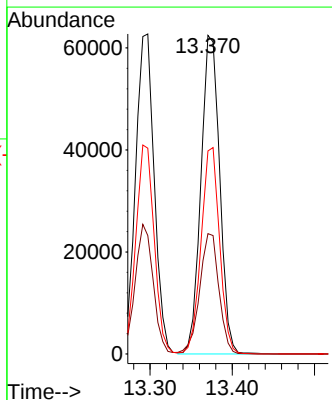
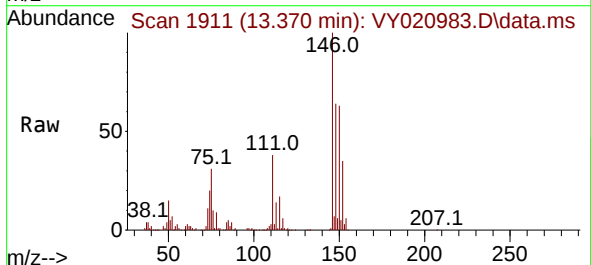
Instrument :
 MSVOA_Y
 ClientSampleId :

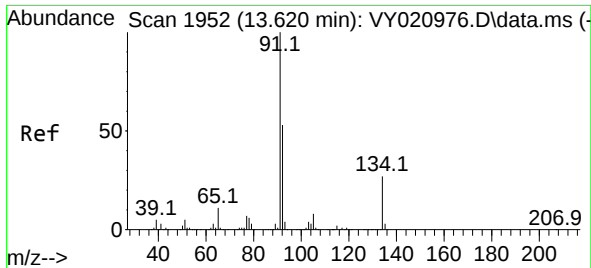
Tgt Ion:146 Resp: 99304
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.7 59.1
 148 64.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 21.697 ug/l
 RT: 13.370 min Scan# 1911
 Delta R.T. -0.000 min
 Lab File: VY020983.D
 Acq: 30 Jan 2025 13:56

Tgt Ion:146 Resp: 98935
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.0 57.0
 148 64.1 31.6 95.0

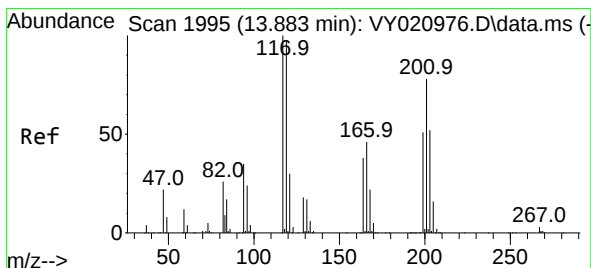
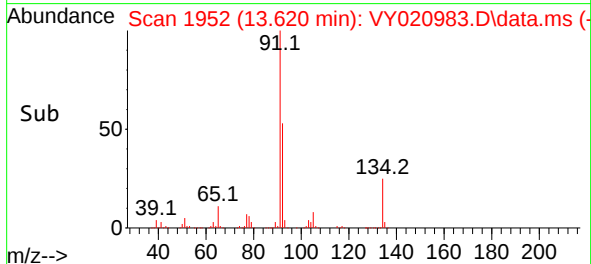
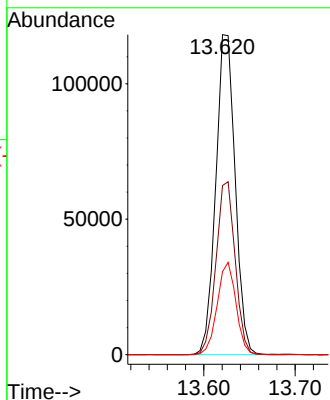
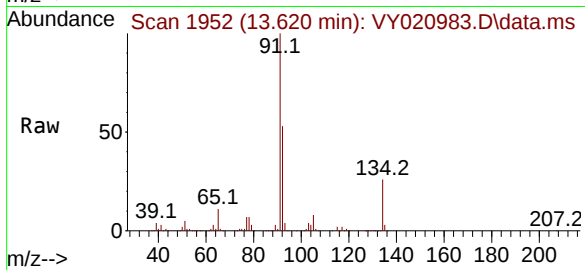




#89
n-Butylbenzene
Concen: 21.686 ug/l
RT: 13.620 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

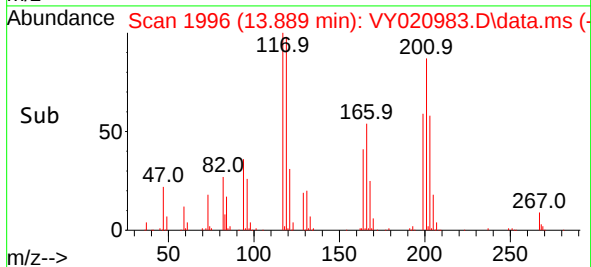
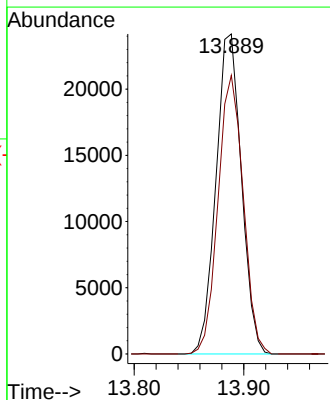
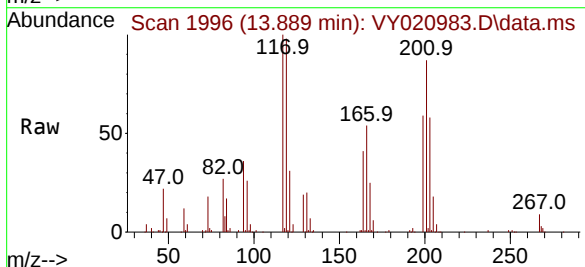
Instrument :
MSVOA_Y
ClientSampleId :

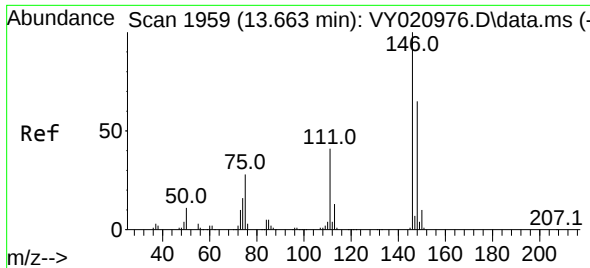
Tgt Ion: 91 Resp: 174428
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.1
134 27.9 13.7 41.1



#90
Hexachloroethane
Concen: 21.442 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VY020983.D
Acq: 30 Jan 2025 13:56

Tgt Ion: 117 Resp: 38954
Ion Ratio Lower Upper
117 100
201 86.1 42.5 127.5

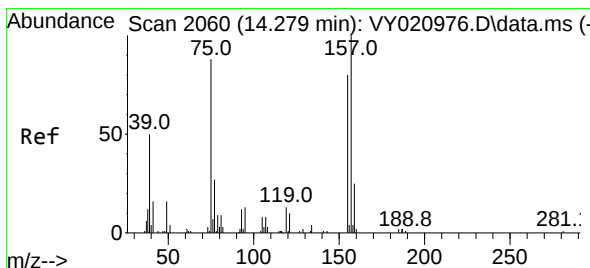
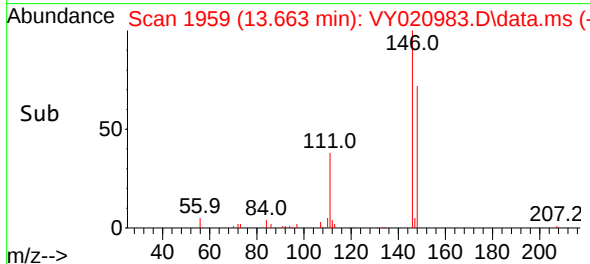
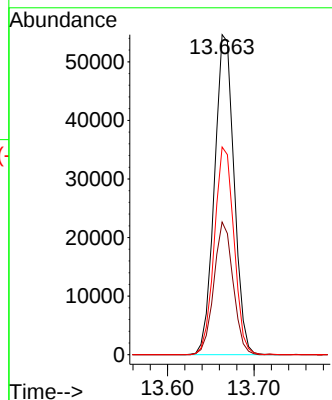
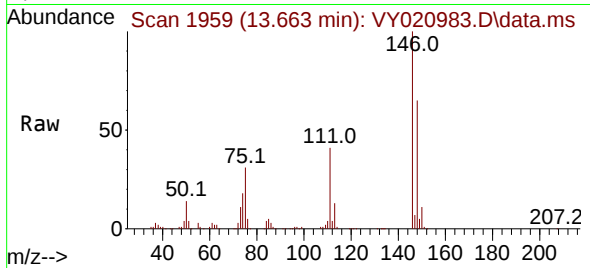




#91
 1,2-Dichlorobenzene
 Concen: 21.470 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VY020983.D
 Acq: 30 Jan 2025 13:56

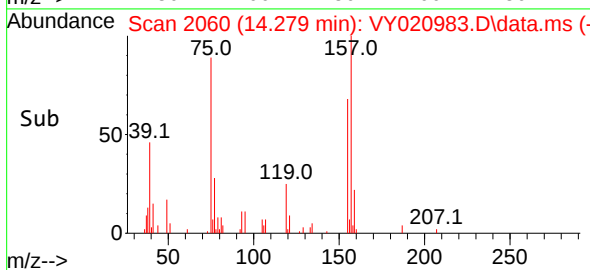
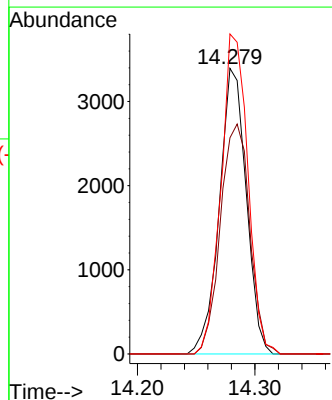
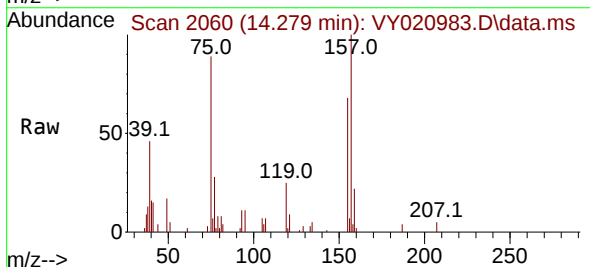
Instrument :
 MSVOA_Y
 ClientSampleId :

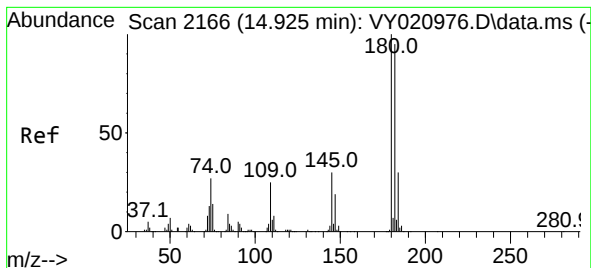
Tgt Ion:146	Resp:	85976
Ion Ratio	Lower	Upper
146	100	
111	40.4	20.3 60.8
148	64.9	32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.839 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. -0.000 min
 Lab File: VY020983.D
 Acq: 30 Jan 2025 13:56

Tgt Ion: 75	Resp:	5391
Ion Ratio	Lower	Upper
75	100	
155	87.8	45.9 137.6
157	112.0	59.3 177.9





#93

1,2,4-Trichlorobenzene

Concen: 21.162 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

ClientSampleId :

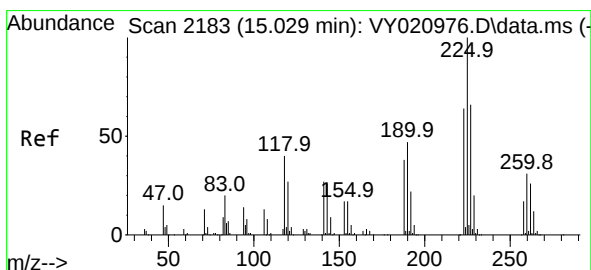
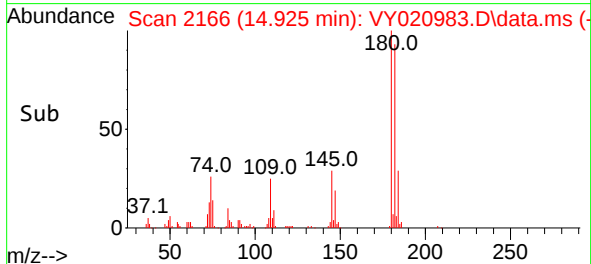
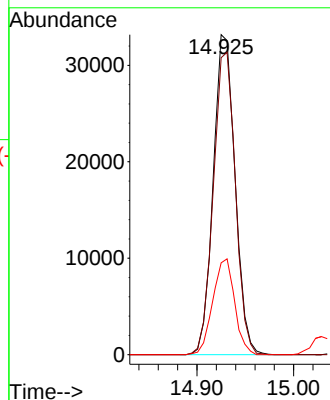
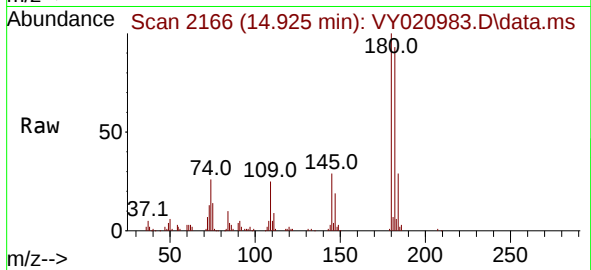
Tgt Ion:180 Resp: 51887

Ion Ratio Lower Upper

180 100

182 95.6 48.3 144.8

145 29.9 15.3 45.8



#94

Hexachlorobutadiene

Concen: 21.452 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

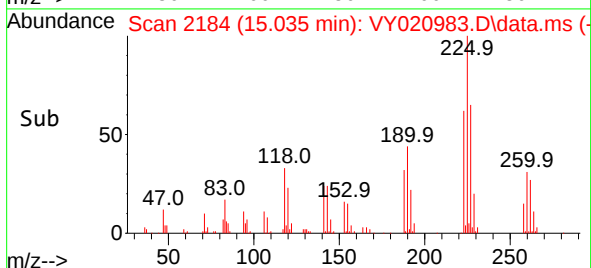
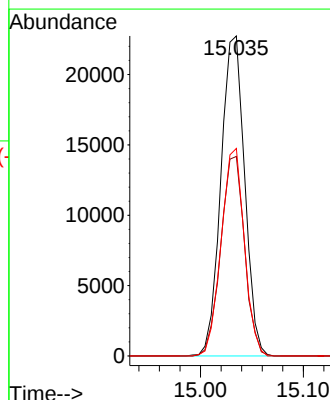
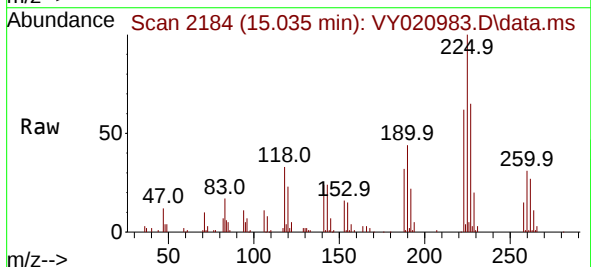
Tgt Ion:225 Resp: 36428

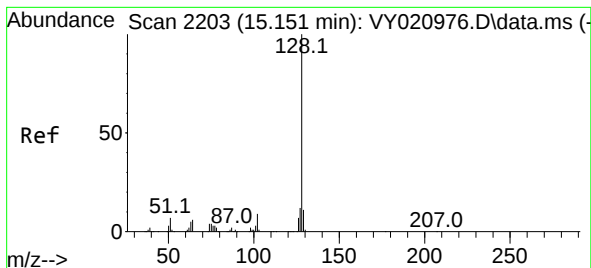
Ion Ratio Lower Upper

225 100

223 62.3 31.4 94.2

227 63.2 31.8 95.3





#95

Naphthalene

Concen: 21.310 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Instrument :

MSVOA_Y

ClientSampleId :

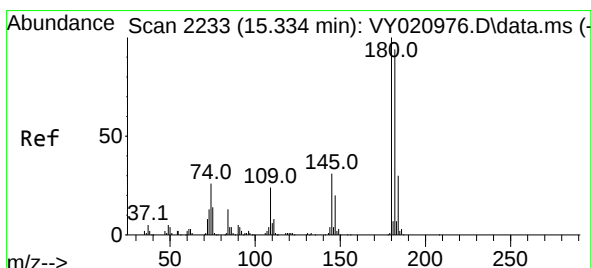
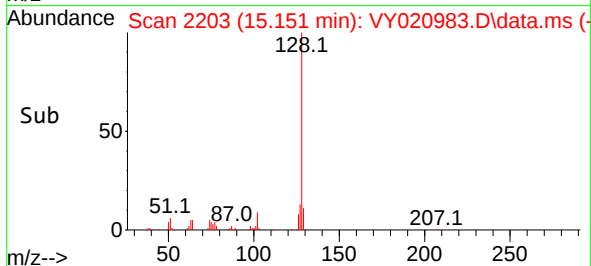
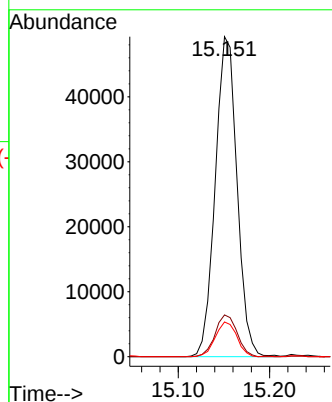
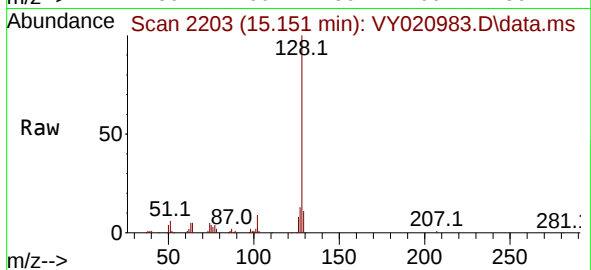
Tgt Ion:128 Resp: 81634

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 21.491 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY020983.D

Acq: 30 Jan 2025 13:56

Tgt Ion:180 Resp: 44222

Ion Ratio Lower Upper

180 100

182 93.5 47.7 143.1

145 32.0 15.6 46.7

