

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
 Data File : VY021135.D
 Acq On : 07 Feb 2025 13:07
 Operator : SY/MD
 Sample : MDL
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL

Quant Time: Feb 08 02:39:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	169127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	271292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	230329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	109097	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	91640	52.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.760%	
35) Dibromofluoromethane	7.640	113	86458	49.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.460%	
50) Toluene-d8	10.109	98	320335	48.396	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.800%	
62) 4-Bromofluorobenzene	12.408	95	104484	48.318	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.640%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	4234	2.809	ug/l	86
3) Chloromethane	2.074	50	4636	3.117	ug/l	99
4) Vinyl Chloride	2.202	62	4680	3.126	ug/l	90
5) Bromomethane	2.599	94	3369	3.641	ug/l	98
6) Chloroethane	2.739	64	2720	3.052	ug/l	98
7) Trichlorofluoromethane	3.068	101	8071	2.959	ug/l	92
8) Diethyl Ether	3.458	74	2550	2.995	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.818	101	5301	3.097	ug/l	97
10) Methyl Iodide	4.013	142	4833	2.541	ug/l #	90
11) Tert butyl alcohol	4.842	59	1261	10.739	ug/l #	91
12) 1,1-Dichloroethene	3.793	96	4604	2.855	ug/l #	90
13) Acrolein	3.653	56	2894	16.005	ug/l	97
14) Allyl chloride	4.391	41	7826	2.880	ug/l	97
15) Acrylonitrile	5.068	53	4868	13.729	ug/l	95
16) Acetone	3.879	43	4729	17.500	ug/l	94
17) Carbon Disulfide	4.110	76	14474	2.862	ug/l	98
18) Methyl Acetate	4.391	43	3028	3.192	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	11565	2.837	ug/l	100
20) Methylene Chloride	4.623	84	5631	3.352	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	4937	2.781	ug/l	86
22) Diisopropyl ether	6.025	45	14632	2.612	ug/l	90
23) Vinyl Acetate	5.976	43	40167	12.862	ug/l	98
24) 1,1-Dichloroethane	5.927	63	9242	2.816	ug/l	97
25) 2-Butanone	6.896	43	6576	14.809	ug/l	91
26) 2,2-Dichloropropane	6.890	77	9047	2.979	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	5680	2.780	ug/l	86
28) Bromochloromethane	7.256	49	3845	2.963	ug/l #	98
29) Tetrahydrofuran	7.274	42	4164	13.858	ug/l	95
30) Chloroform	7.427	83	9576	2.841	ug/l	100
31) Cyclohexane	7.701	56	11247	3.805	ug/l #	82
32) 1,1,1-Trichloroethane	7.622	97	8725	2.784	ug/l	96
36) 1,1-Dichloropropene	7.841	75	7121	2.765	ug/l	98
37) Ethyl Acetate	6.994	43	3124	2.765	ug/l	98
38) Carbon Tetrachloride	7.817	117	8587	2.854	ug/l	98
39) Methylcyclohexane	9.116	83	8284	2.630	ug/l	98
40) Benzene	8.079	78	21186	2.803	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	1761	2.694	ug/l #	92
42) 1,2-Dichloroethane	8.165	62	6230	2.972	ug/l	97
43) Isopropyl Acetate	8.201	43	6116	2.725	ug/l #	85
44) Trichloroethene	8.872	130	5495	2.814	ug/l	96
45) 1,2-Dichloropropane	9.146	63	5044	2.812	ug/l	97
46) Dibromomethane	9.238	93	2734	2.753	ug/l	98
47) Bromodichloromethane	9.427	83	7376	2.769	ug/l #	98
48) Methyl methacrylate	9.225	41	2758	2.697	ug/l	93
49) 1,4-Dioxane	9.238	88	452	48.889	ug/l #	71
51) 4-Methyl-2-Pentanone	10.000	43	14915	13.213	ug/l	96
52) Toluene	10.176	92	13129	2.767	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	6223	2.602	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	7463	2.635	ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	3575	2.780	ug/l	95
56) Ethyl methacrylate	10.445	69	4143	2.408	ug/l	94
57) 1,3-Dichloropropane	10.719	76	6103	2.742	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	8994	10.988	ug/l	100
59) 2-Hexanone	10.768	43	8988	12.366	ug/l	94
60) Dibromochloromethane	10.914	129	4829	2.674	ug/l	97
61) 1,2-Dibromoethane	11.018	107	3185	2.644	ug/l	99
64) Tetrachloroethene	10.646	164	4668	2.730	ug/l	93
65) Chlorobenzene	11.444	112	14048	2.739	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	5016	2.752	ug/l	97
67) Ethyl Benzene	11.524	91	23488	2.589	ug/l	98
68) m/p-Xylenes	11.633	106	16957	4.997	ug/l	95
69) o-Xylene	11.957	106	7789	2.462	ug/l	97
70) Styrene	11.975	104	12696	2.408	ug/l	95
71) Bromoform	12.133	173	2750	2.711	ug/l #	93
73) Isopropylbenzene	12.255	105	20650	2.423	ug/l	99
74) N-amyl acetate	12.072	43	4388	2.355	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	3921	2.766	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	5354	5.410	ug/l #	100
77) Bromobenzene	12.536	156	5043	2.564	ug/l	99
78) n-propylbenzene	12.597	91	26376	2.598	ug/l	98
79) 2-Chlorotoluene	12.682	91	15265	2.625	ug/l	97
80) 1,3,5-Trimethylbenzene	12.743	105	17500	2.533	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.408	75	56775	117.060	ug/l #	12
82) 4-Chlorotoluene	12.780	91	16058	2.711	ug/l	98
83) tert-Butylbenzene	12.999	119	15213	2.422	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	16515	2.445	ug/l	97
85) sec-Butylbenzene	13.182	105	21632	2.393	ug/l	97
86) p-Isopropyltoluene	13.298	119	17875	2.380	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	10562	2.782	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	10890	2.913	ug/l	89
89) n-Butylbenzene	13.621	91	16425	2.398	ug/l	99
90) Hexachloroethane	13.883	117	4079	2.604	ug/l	85
91) 1,2-Dichlorobenzene	13.664	146	9030	2.740	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	617	2.913	ug/l	78
93) 1,2,4-Trichlorobenzene	14.926	180	4425	2.412	ug/l	97
94) Hexachlorobutadiene	15.029	225	3141	2.584	ug/l	98
95) Naphthalene	15.151	128	6912	2.355	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	3683	2.412	ug/l	95

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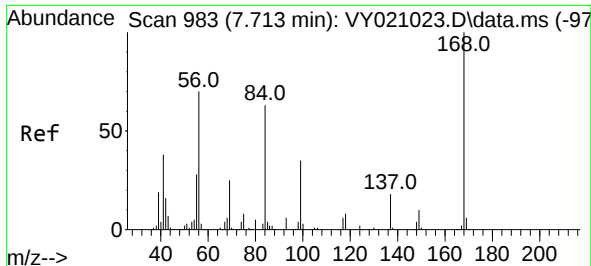
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QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

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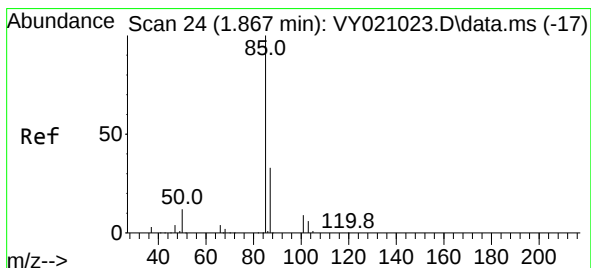
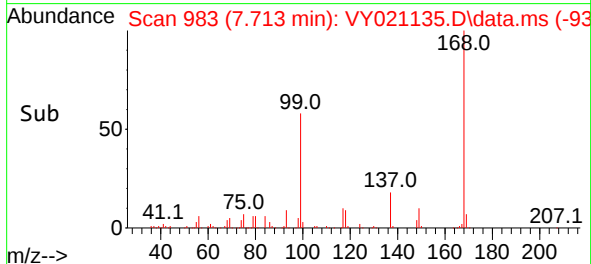
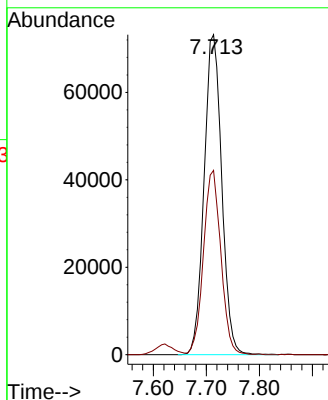
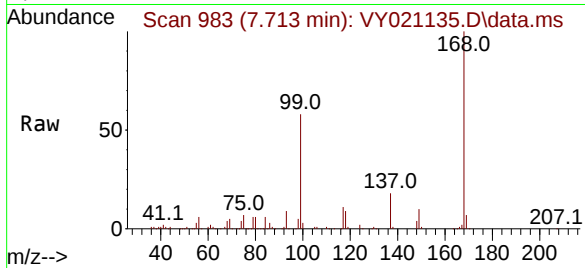




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

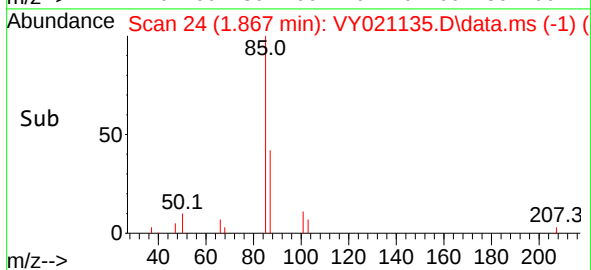
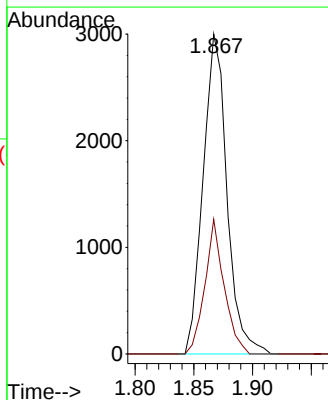
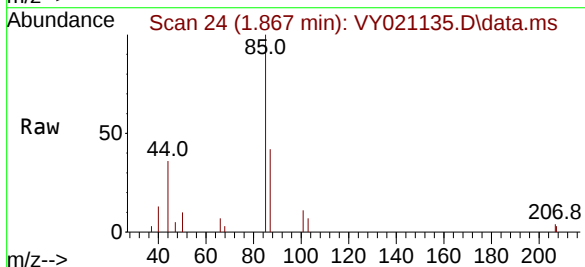
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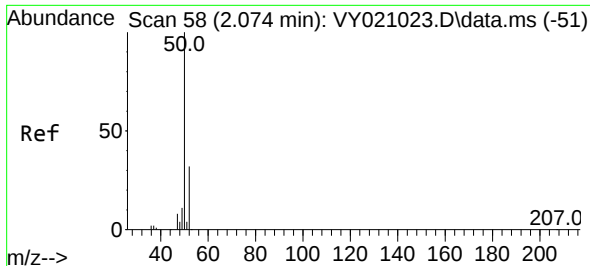
Tgt Ion:168 Resp: 169127
Ion Ratio Lower Upper
168 100
99 57.6 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 2.809 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

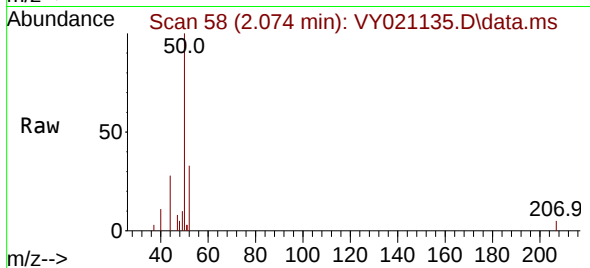
Tgt Ion: 85 Resp: 4234
Ion Ratio Lower Upper
85 100
87 42.1 17.1 51.3



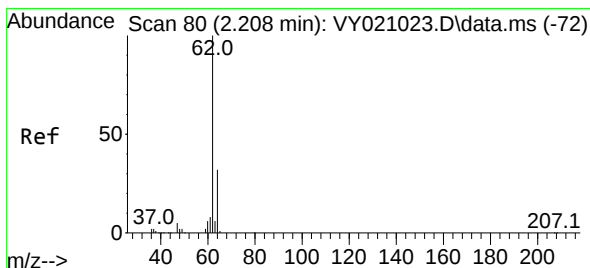
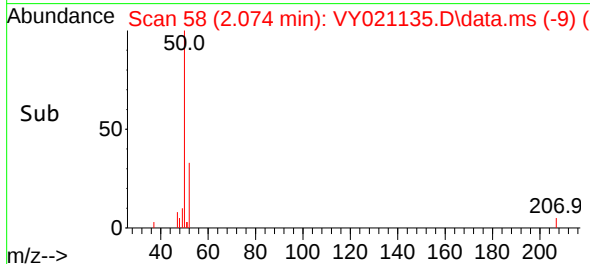
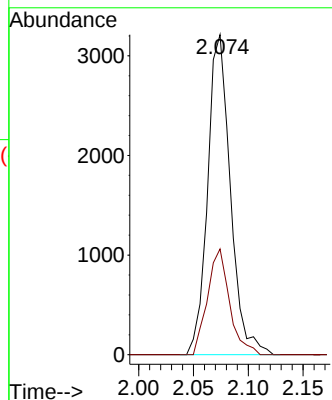


#3
Chloromethane
Concen: 3.117 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

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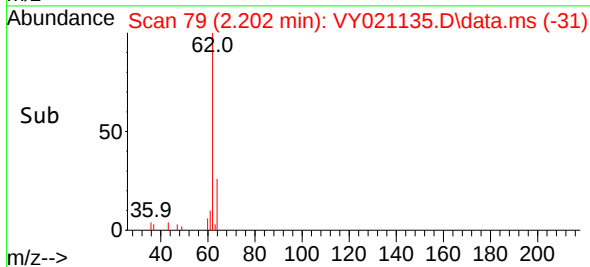
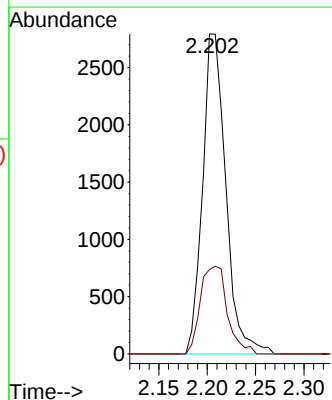
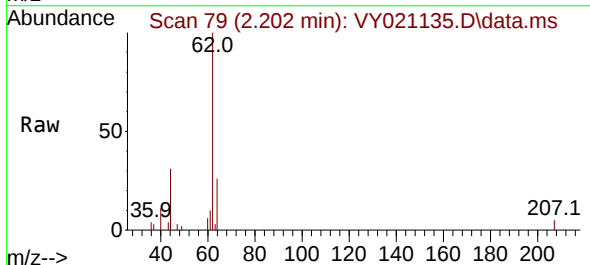


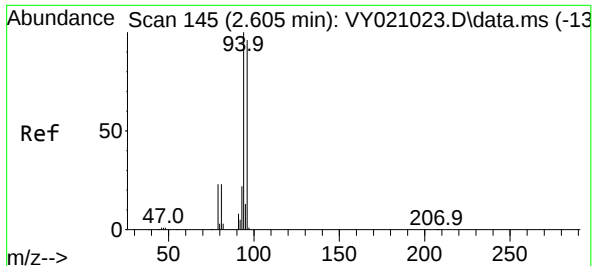
Tgt Ion: 50 Resp: 4636
Ion Ratio Lower Upper
50 100
52 33.1 26.7 40.1



#4
Vinyl Chloride
Concen: 3.126 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 62 Resp: 4680
Ion Ratio Lower Upper
62 100
64 26.4 25.7 38.5

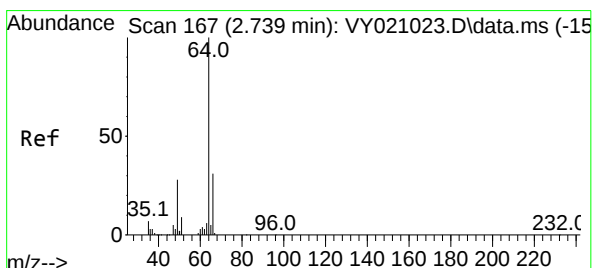
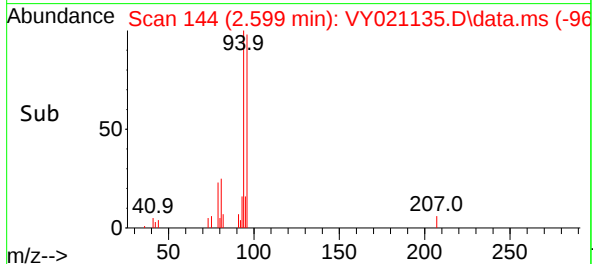
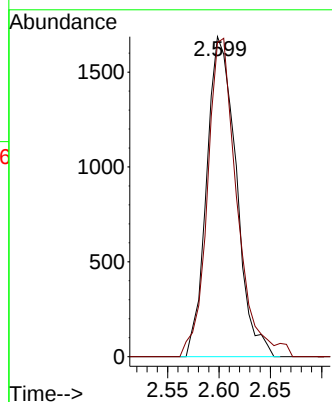
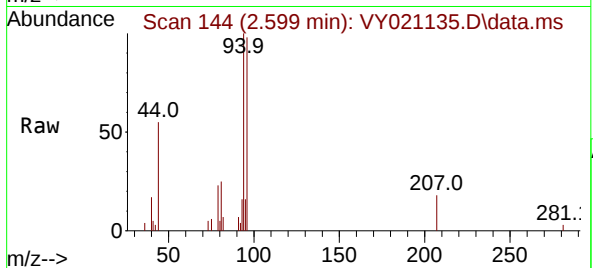




#5
Bromomethane
Concen: 3.641 ug/l
RT: 2.599 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

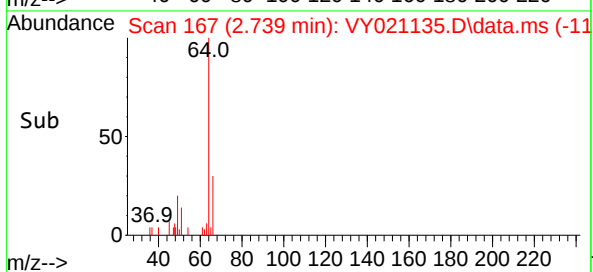
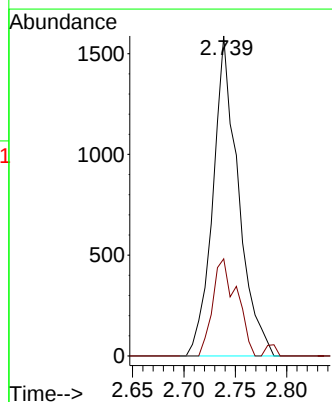
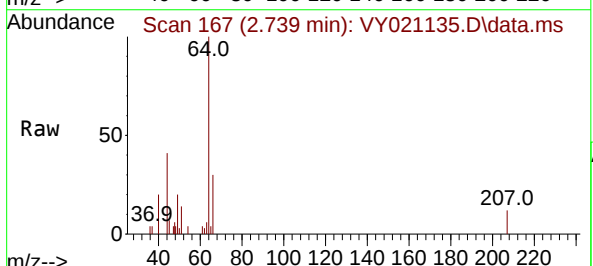
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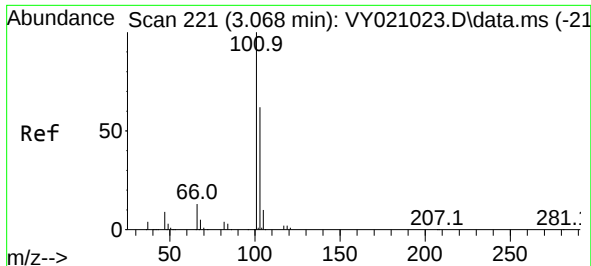
Tgt Ion: 94 Resp: 3369
Ion Ratio Lower Upper
94 100
96 98.2 77.3 115.9



#6
Chloroethane
Concen: 3.052 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 64 Resp: 2720
Ion Ratio Lower Upper
64 100
66 30.4 25.1 37.7

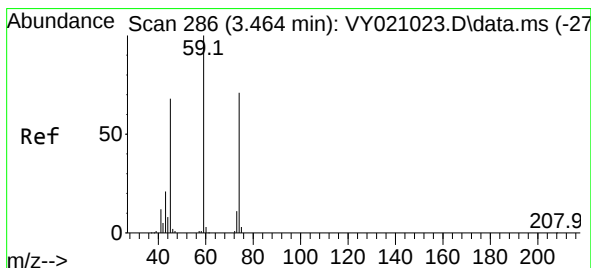
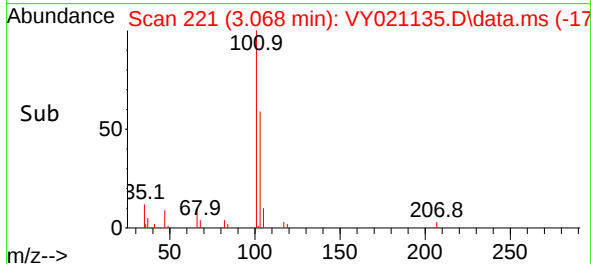
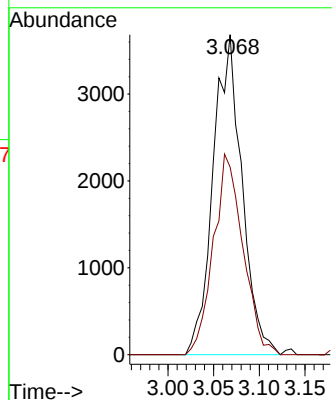
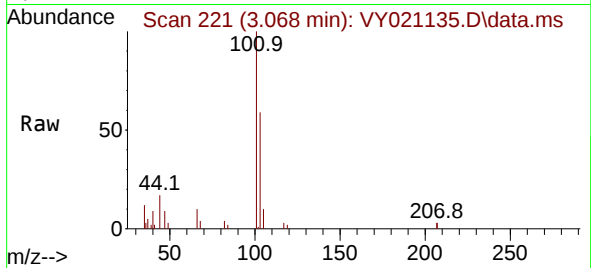




#7
Trichlorofluoromethane
Concen: 2.959 ug/l
RT: 3.068 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021135.D
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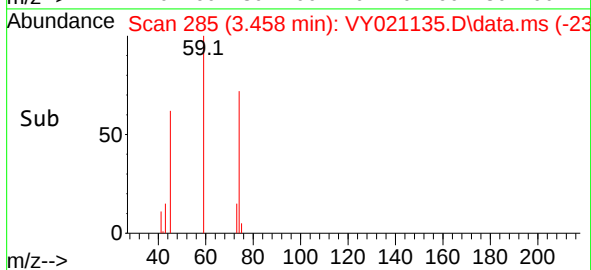
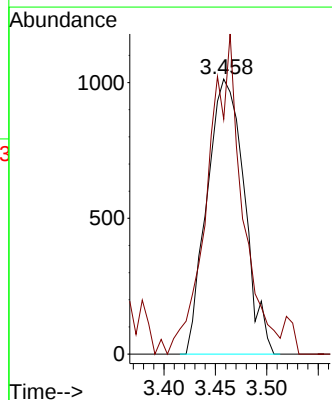
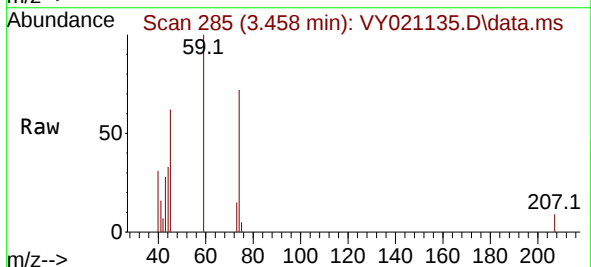
Instrument :
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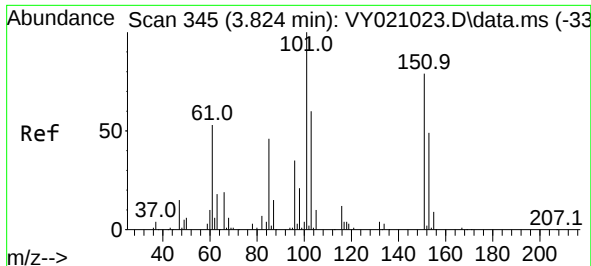
Tgt Ion:101 Resp: 8071
Ion Ratio Lower Upper
101 100
103 58.6 51.9 77.9



#8
Diethyl Ether
Concen: 2.995 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 74 Resp: 2550
Ion Ratio Lower Upper
74 100
45 107.4 47.9 143.7

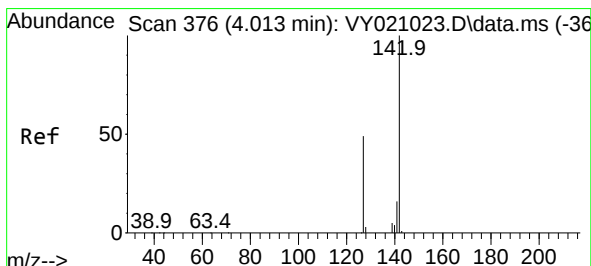
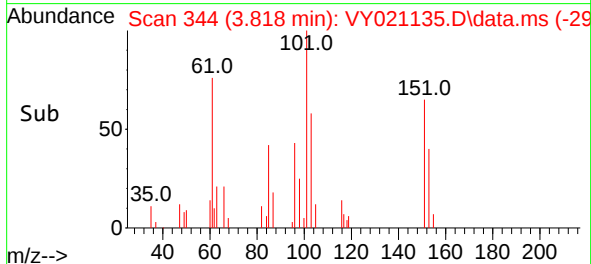
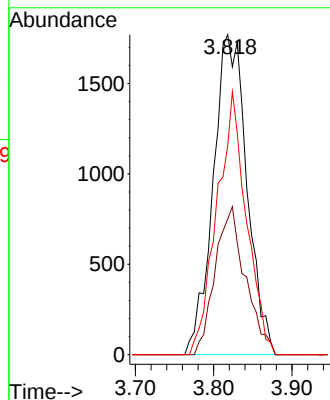
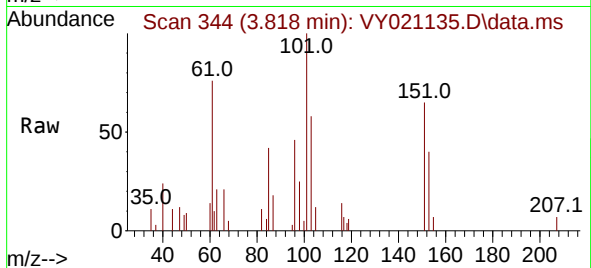




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.097 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021135.D
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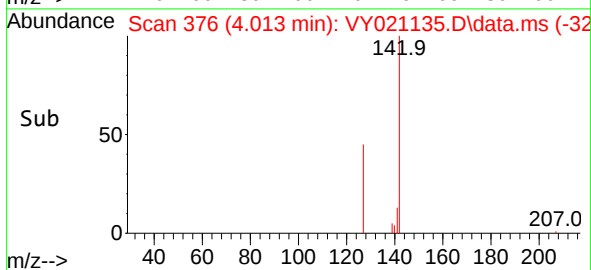
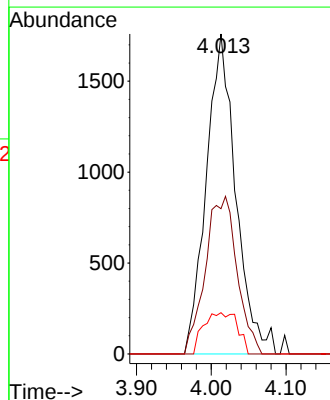
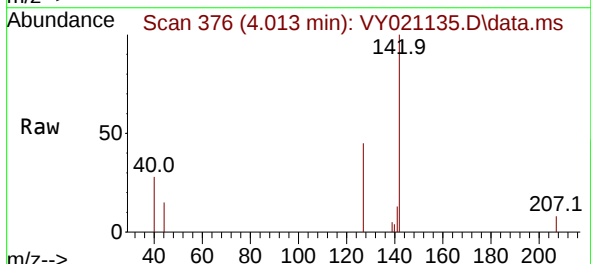
Instrument :
MSVOA_Y
ClientSampleId :
MDL

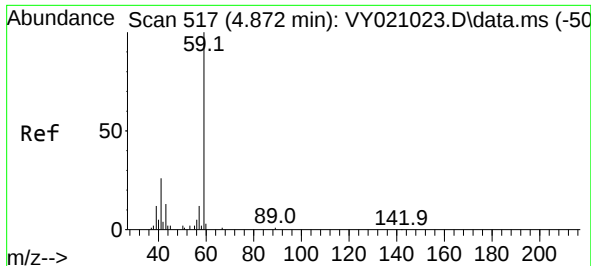
Tgt Ion:101	Resp:	5301
Ion	Ratio	Lower Upper
101	100	
85	41.7	35.8 53.6
151	72.0	58.6 88.0



#10
Methyl Iodide
Concen: 2.541 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion:142	Resp:	4833
Ion	Ratio	Lower Upper
142	100	
127	52.7	35.1 52.7#
141	14.8	11.8 17.6





#11

Tert butyl alcohol

Concen: 10.739 ug/l

RT: 4.842 min Scan# 517

Delta R.T. -0.030 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

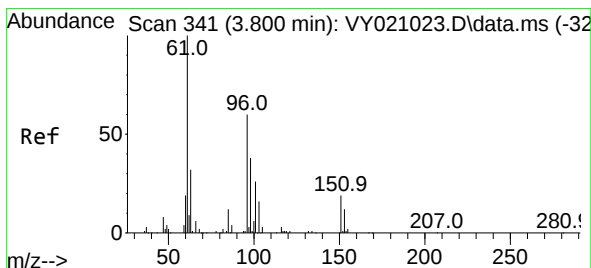
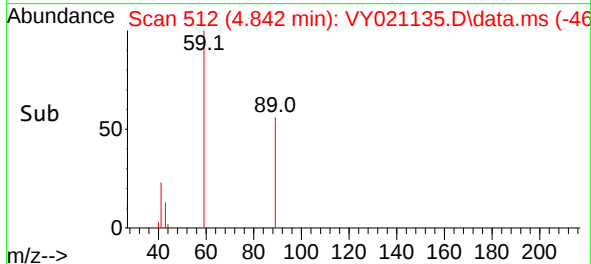
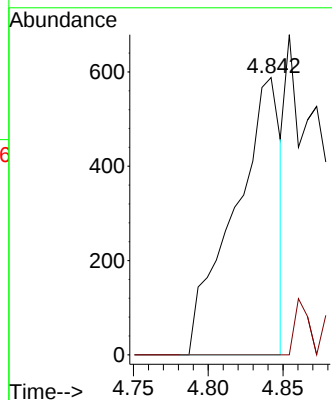
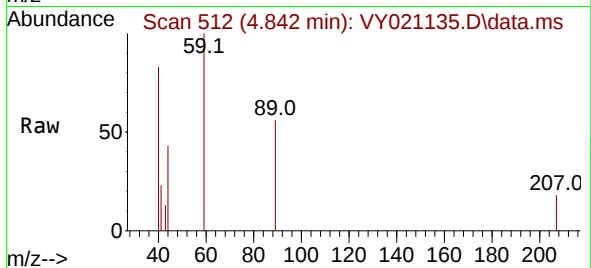
MDL

Tgt Ion: 59 Resp: 1261

Ion Ratio Lower Upper

59 100

57 5.8 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 2.855 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

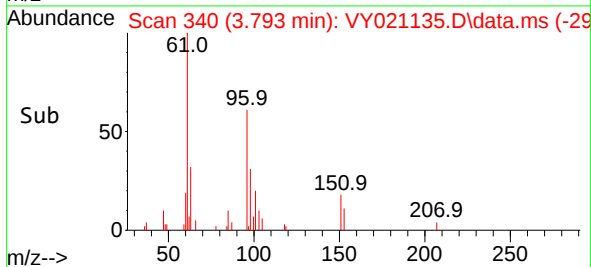
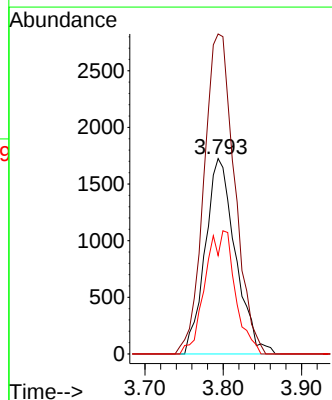
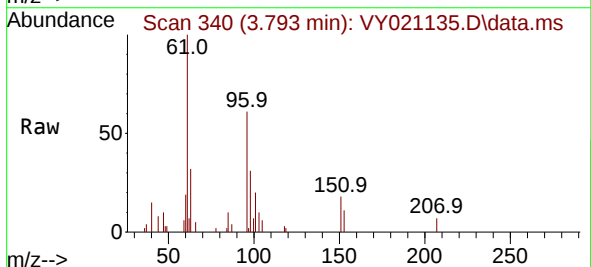
Tgt Ion: 96 Resp: 4604

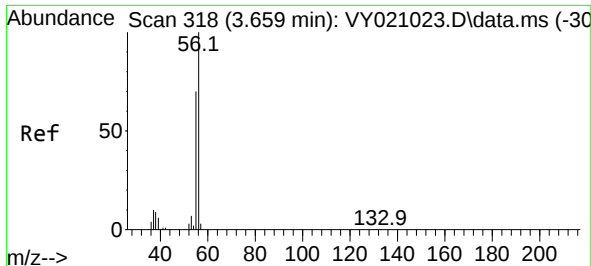
Ion Ratio Lower Upper

96 100

61 163.9 124.2 186.2

98 50.4 52.6 79.0#

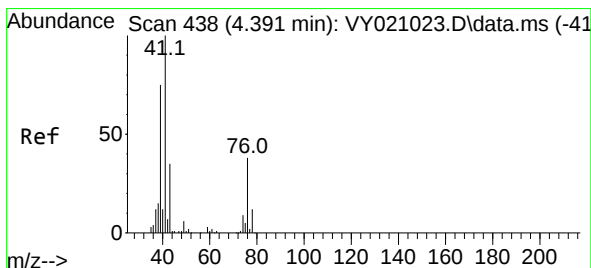
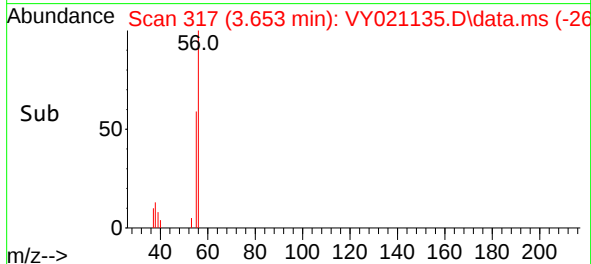
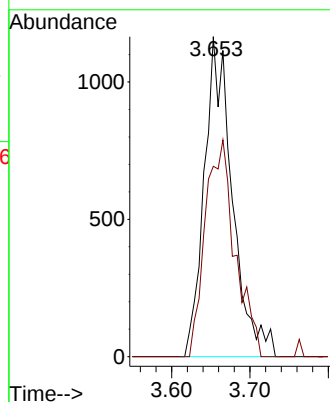
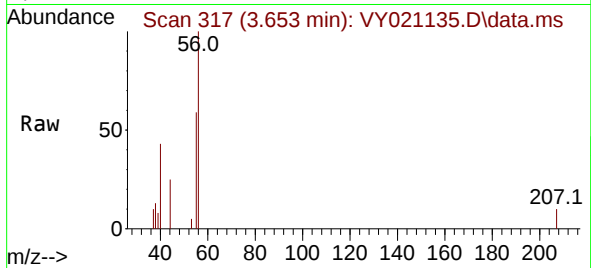




#13
Acrolein
Concen: 16.005 ug/l
RT: 3.653 min Scan# 318
Delta R.T. -0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

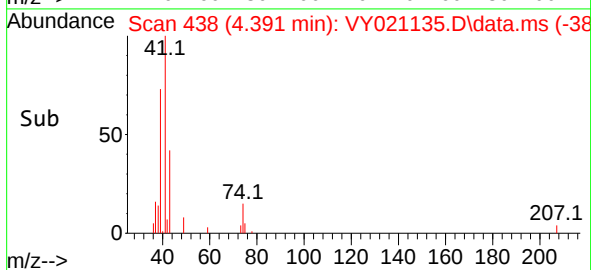
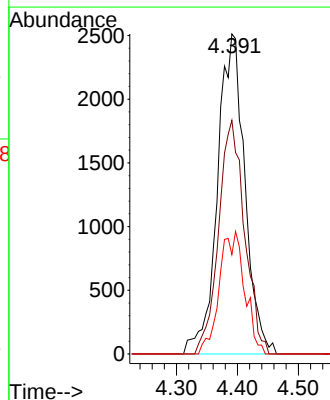
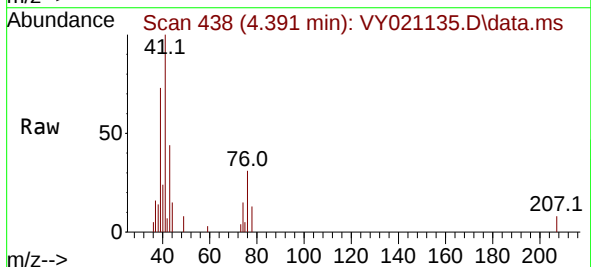
Instrument :
MSVOA_Y
ClientSampleId :
MDL

Tgt Ion: 56 Resp: 2894
Ion Ratio Lower Upper
56 100
55 71.8 55.4 83.0



#14
Allyl chloride
Concen: 2.880 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 41 Resp: 7826
Ion Ratio Lower Upper
41 100
39 69.4 54.7 82.1
76 35.4 31.8 47.6

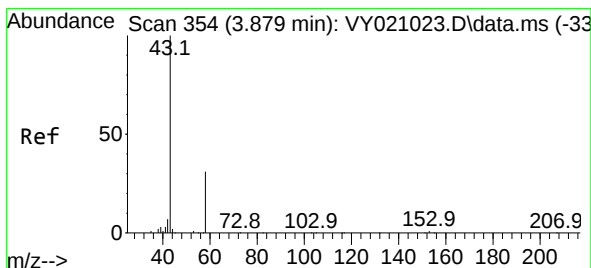
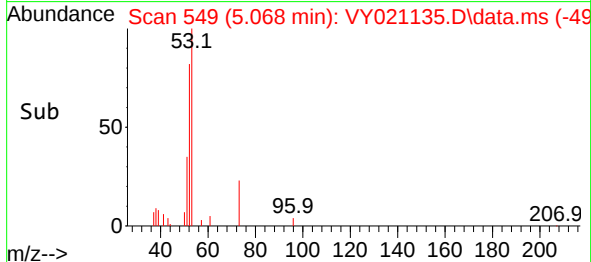
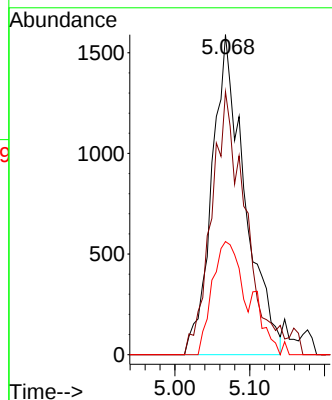
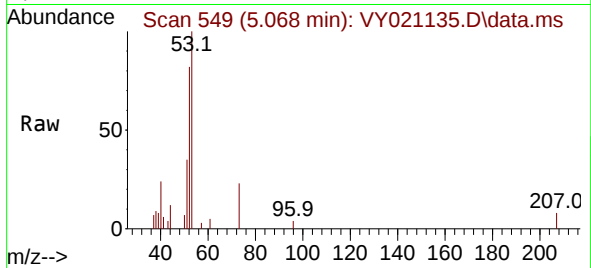




#15
Acrylonitrile
Concen: 13.729 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

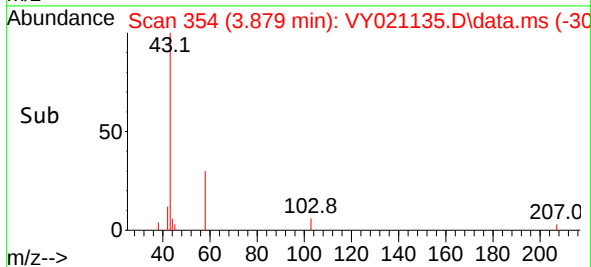
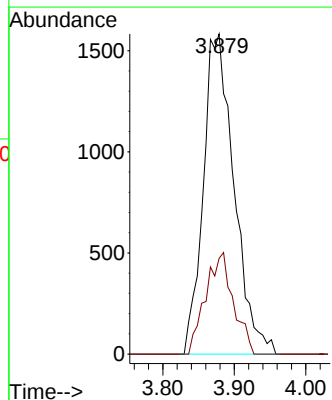
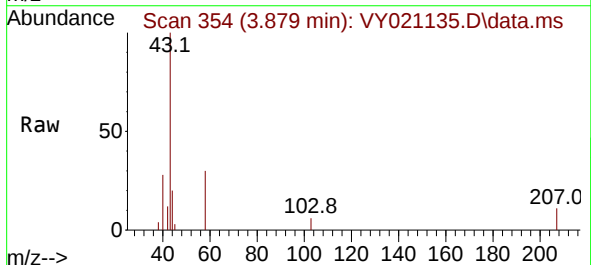
Instrument :
MSVOA_Y
ClientSampleId :
MDL

Tgt Ion: 53 Resp: 4868
Ion Ratio Lower Upper
53 100
52 84.8 65.1 97.7
51 31.0 29.0 43.4



#16
Acetone
Concen: 17.500 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 43 Resp: 4729
Ion Ratio Lower Upper
43 100
58 29.9 26.6 39.8

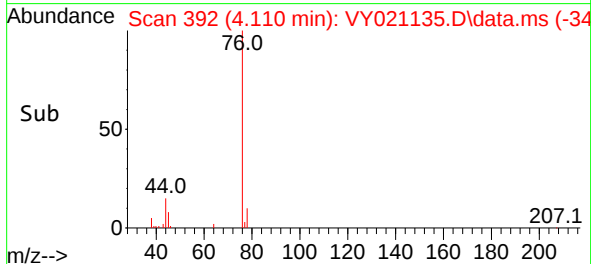
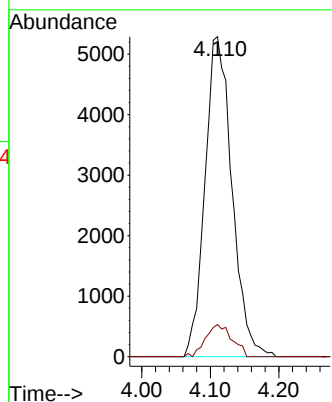
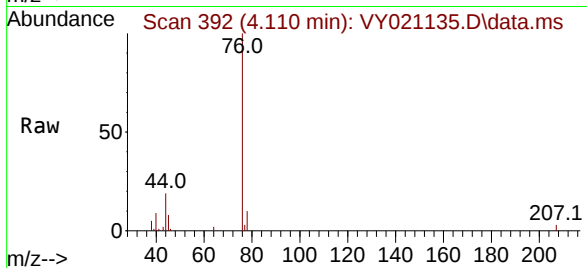




#17
Carbon Disulfide
Concen: 2.862 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

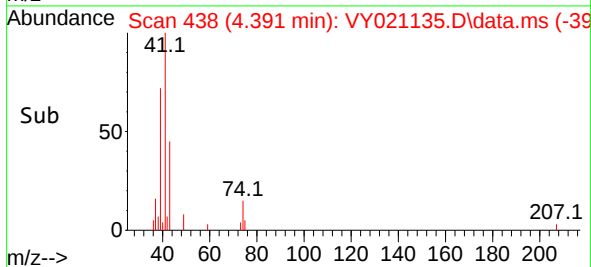
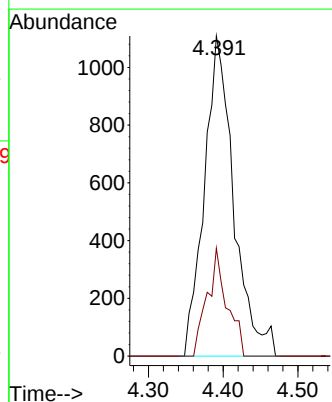
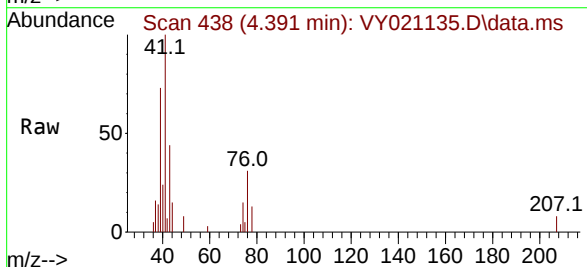
Instrument :
MSVOA_Y
ClientSampleId :
MDL

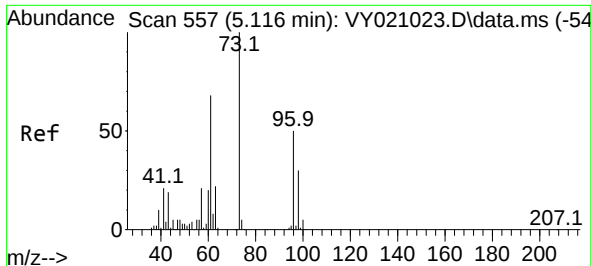
Tgt Ion: 76 Resp: 14474
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0



#18
Methyl Acetate
Concen: 3.192 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 43 Resp: 3028
Ion Ratio Lower Upper
43 100
74 22.8 19.8 29.6

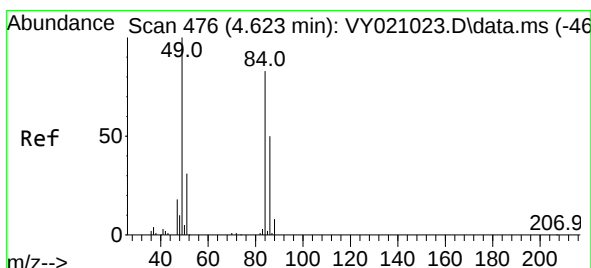
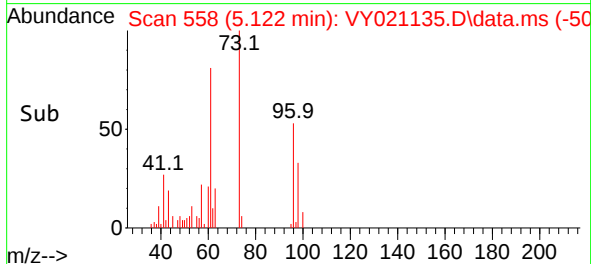
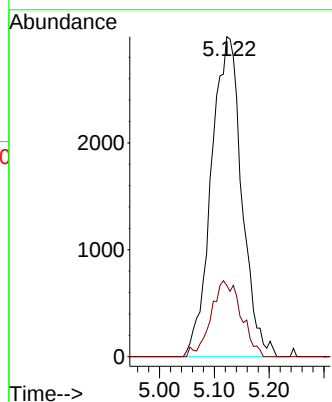
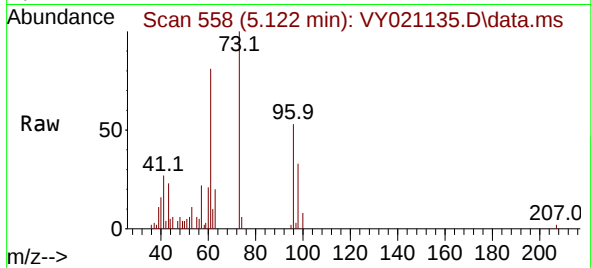




#19
Methyl tert-butyl Ether
Concen: 2.837 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

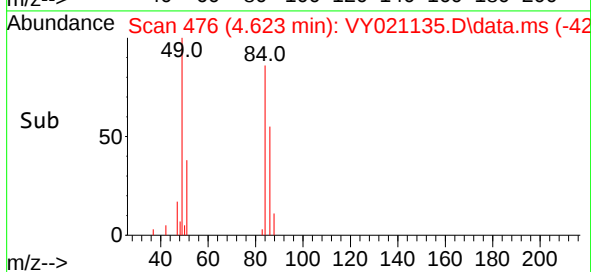
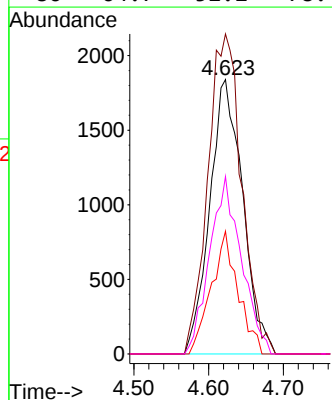
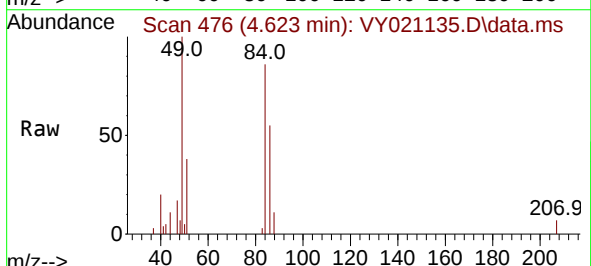
Instrument :
MSVOA_Y
ClientSampleId :
MDL

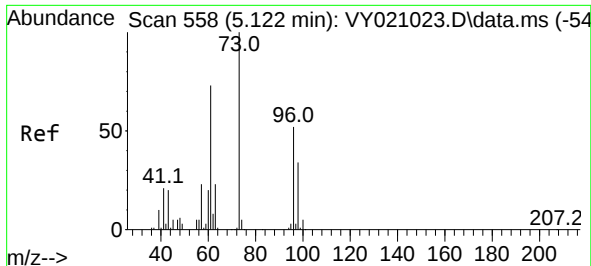
Tgt Ion: 73 Resp: 11565
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5



#20
Methylene Chloride
Concen: 3.352 ug/l
RT: 4.623 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 84 Resp: 5631
Ion Ratio Lower Upper
84 100
49 116.6 95.2 142.8
51 44.8 29.9 44.9
86 64.7 52.2 78.4

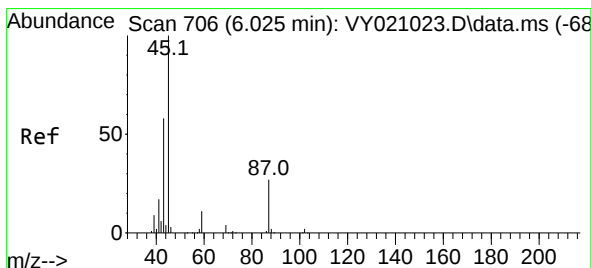
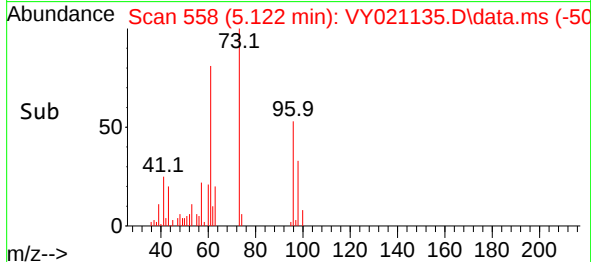
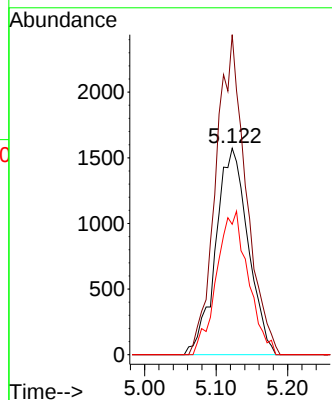
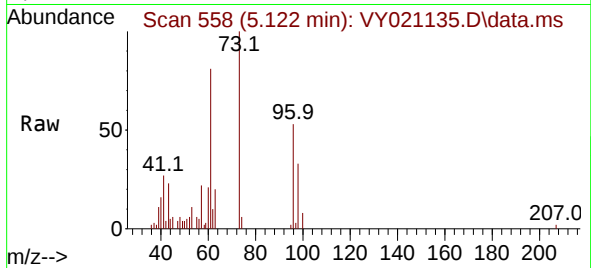




#21
trans-1,2-Dichloroethene
Concen: 2.781 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

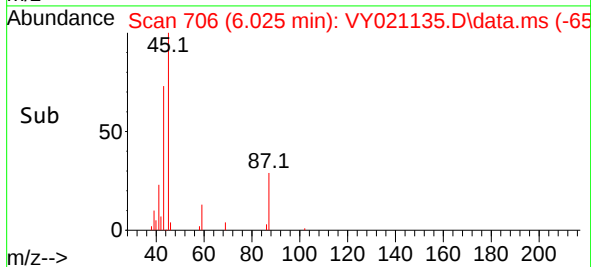
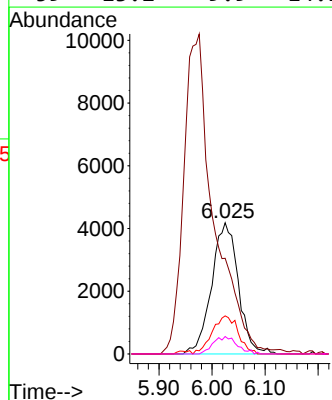
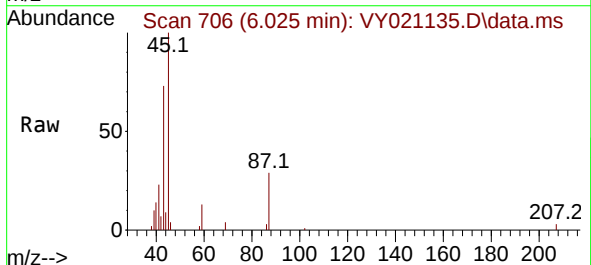
Instrument :
MSVOA_Y
ClientSampleId :
MDL

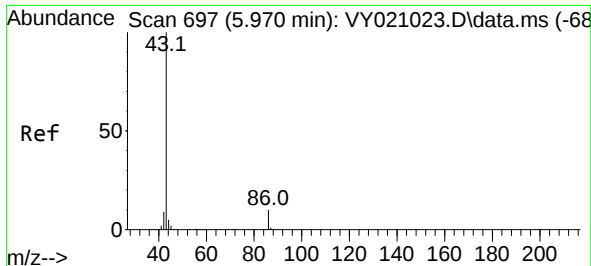
Tgt Ion: 96 Resp: 4937
Ion Ratio Lower Upper
96 100
61 155.0 104.6 156.8
98 63.2 50.9 76.3



#22
Diisopropyl ether
Concen: 2.612 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 45 Resp: 14632
Ion Ratio Lower Upper
45 100
43 69.5 46.8 70.2
87 29.0 22.2 33.2
59 13.2 9.9 14.9

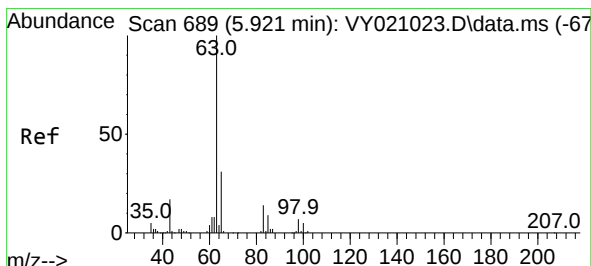
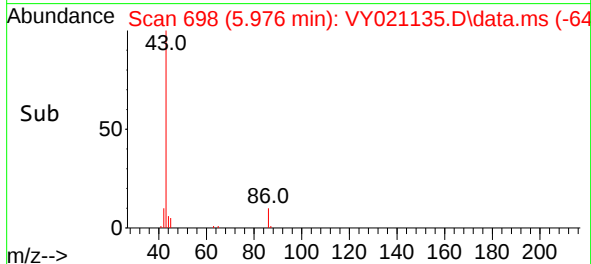
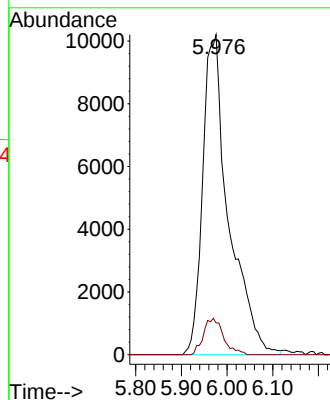
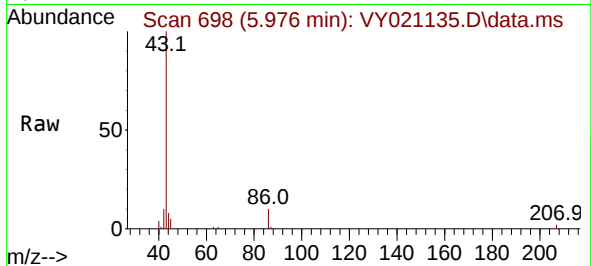




#23
 Vinyl Acetate
 Concen: 12.862 ug/l
 RT: 5.976 min Scan# 64
 Delta R.T. 0.006 min
 Lab File: VY021135.D
 Acq: 07 Feb 2025 13:07

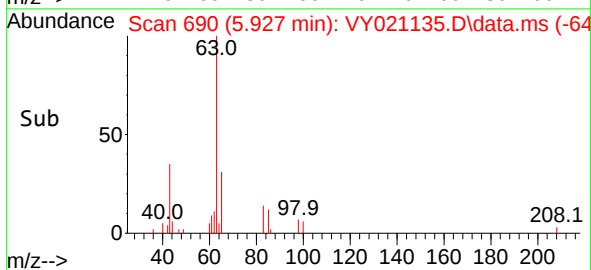
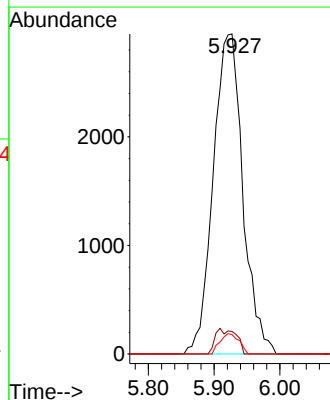
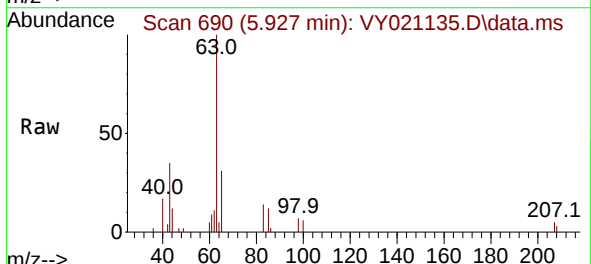
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL

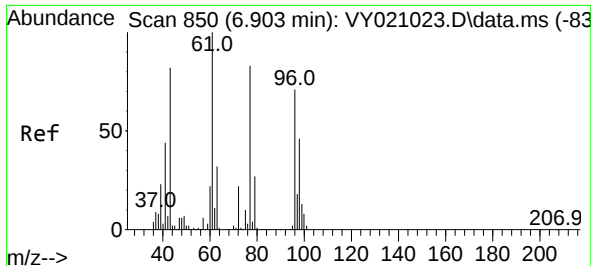
Tgt Ion: 43 Resp: 40167
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 2.816 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021135.D
 Acq: 07 Feb 2025 13:07

Tgt Ion: 63 Resp: 9242
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 6.1 2.1 6.2

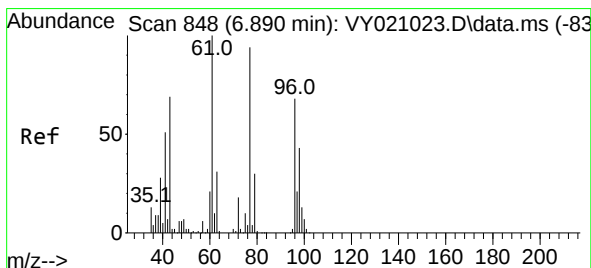
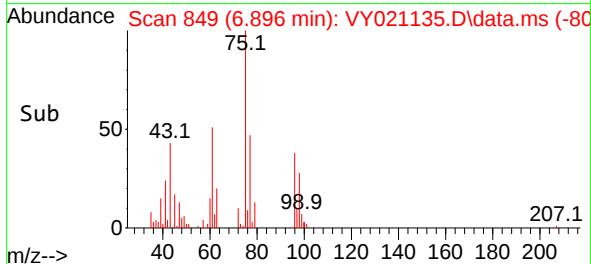
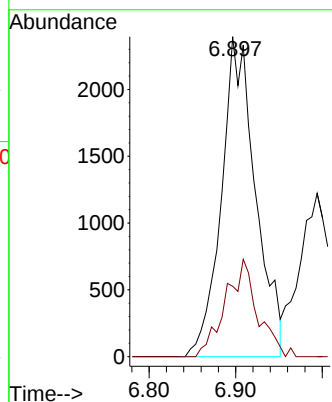
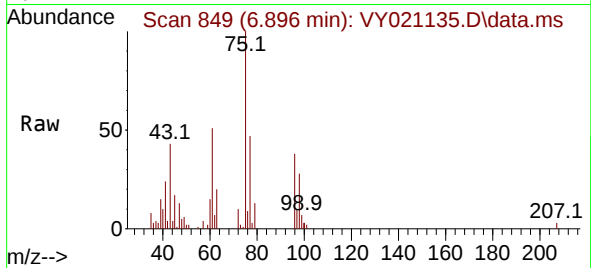




#25
2-Butanone
Concen: 14.809 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

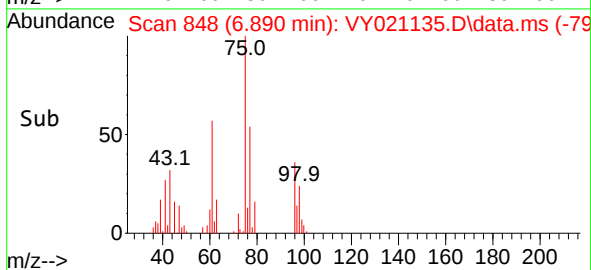
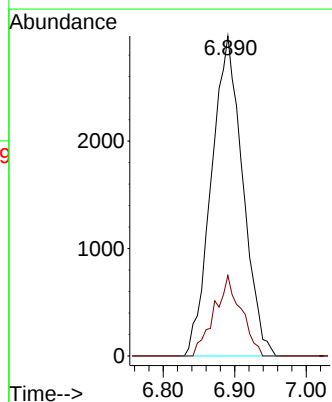
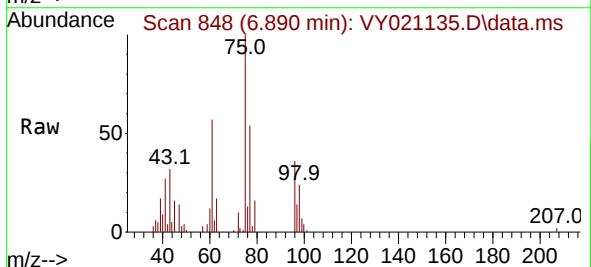
Instrument :
MSVOA_Y
ClientSampleId :
MDL

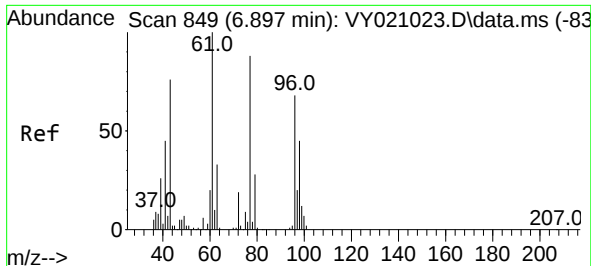
Tgt Ion: 43 Resp: 6576
Ion Ratio Lower Upper
43 100
72 22.0 21.4 32.2



#26
2,2-Dichloropropane
Concen: 2.979 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 77 Resp: 9047
Ion Ratio Lower Upper
77 100
97 21.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 2.780 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

MDL

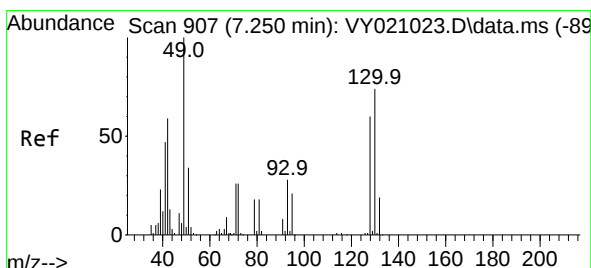
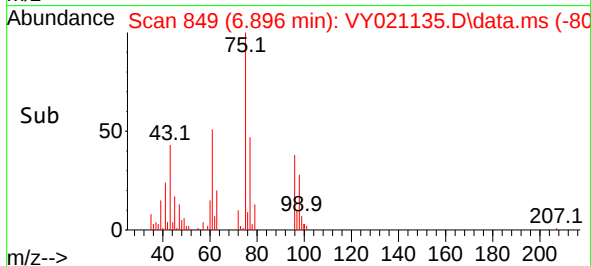
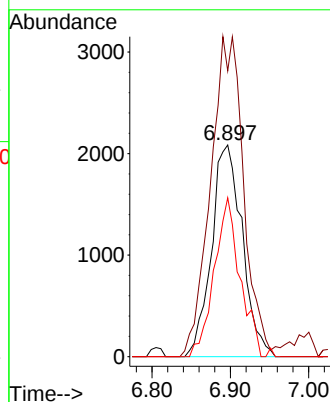
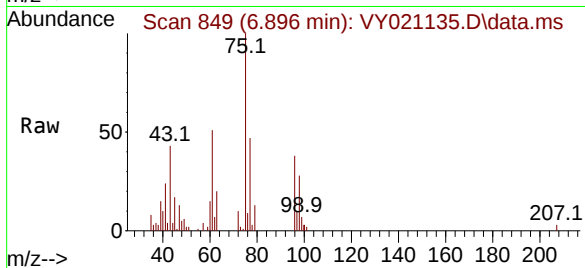
Tgt Ion: 96 Resp: 5680

Ion Ratio Lower Upper

96 100

61 163.9 0.0 278.8

98 62.8 0.0 127.0



#28

Bromochloromethane

Concen: 2.963 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

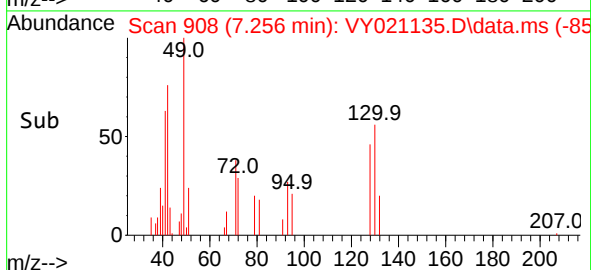
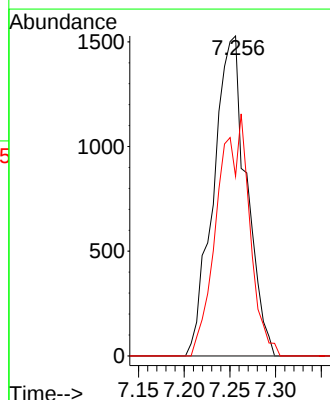
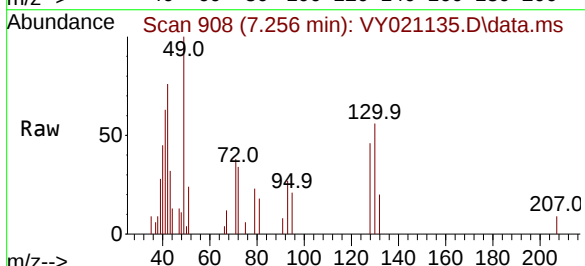
Tgt Ion: 49 Resp: 3845

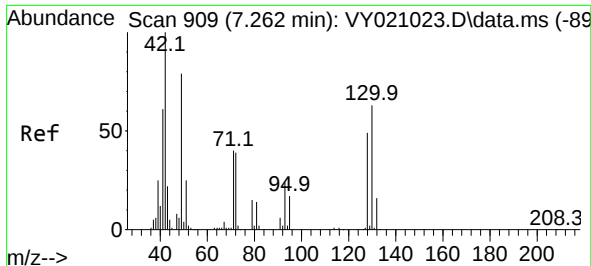
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 73.5 59.8 89.8





#29

Tetrahydrofuran

Concen: 13.858 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

MDL

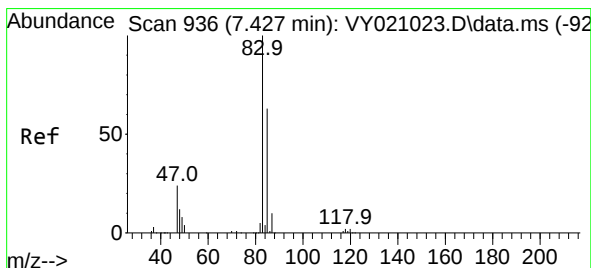
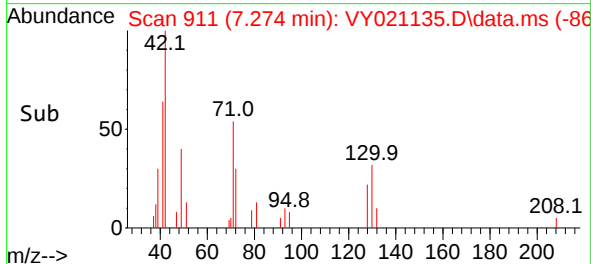
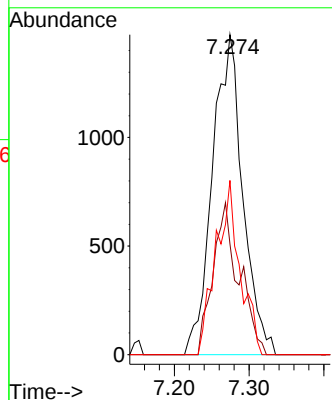
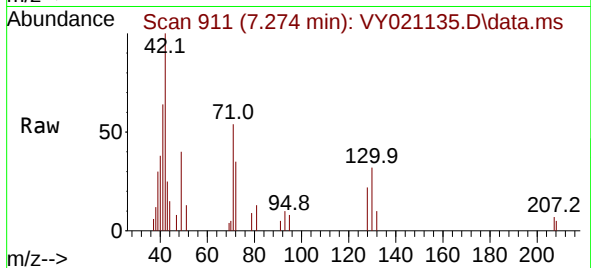
Tgt Ion: 42 Resp: 4164

Ion Ratio Lower Upper

42 100

72 40.9 36.6 54.8

71 43.2 33.8 50.6



#30

Chloroform

Concen: 2.841 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY021135.D

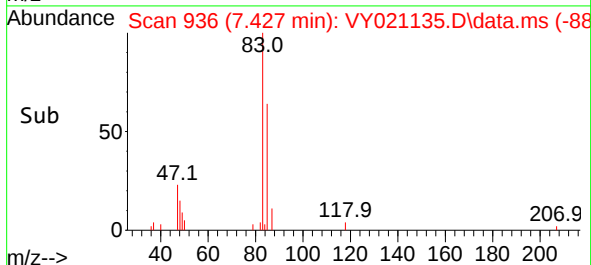
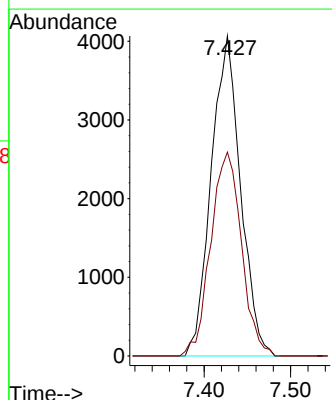
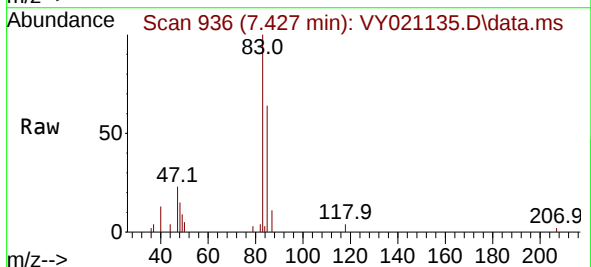
Acq: 07 Feb 2025 13:07

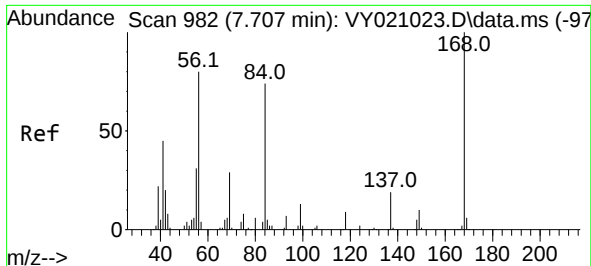
Tgt Ion: 83 Resp: 9576

Ion Ratio Lower Upper

83 100

85 63.7 51.2 76.8

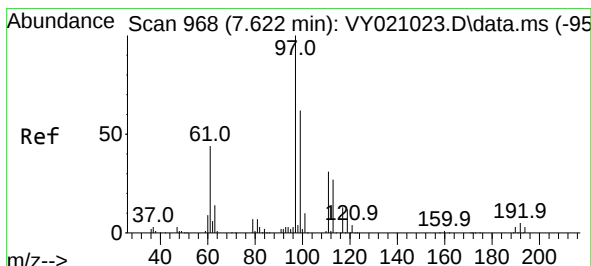
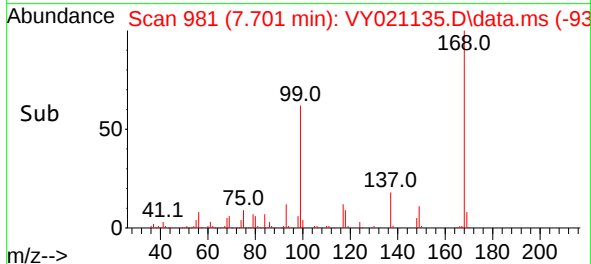
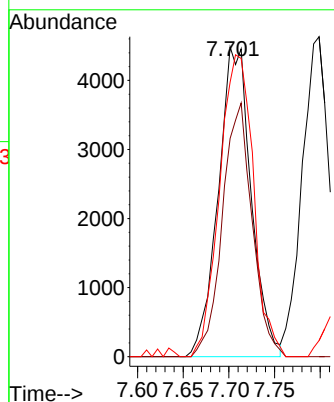
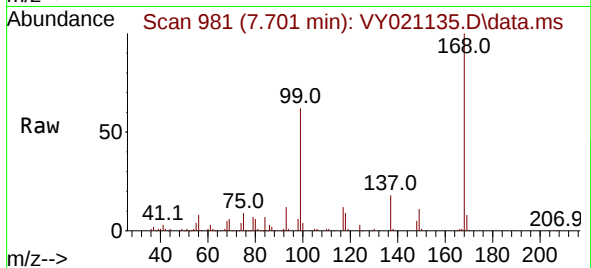




#31
Cyclohexane
Concen: 3.805 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

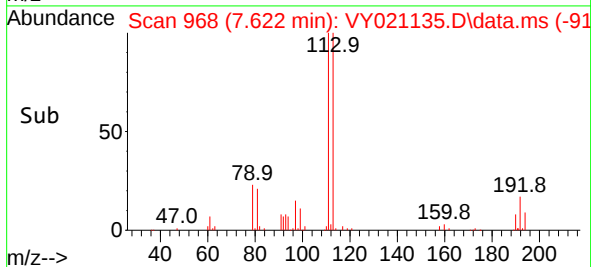
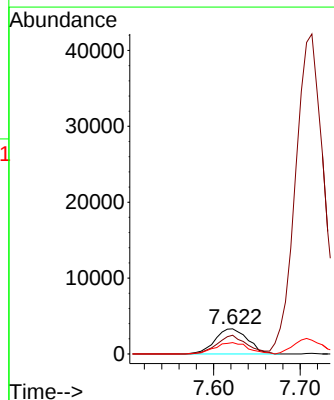
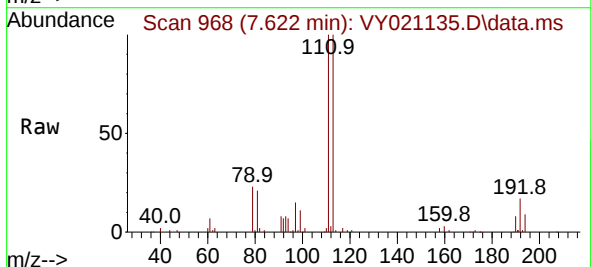
Instrument :
MSVOA_Y
ClientSampleId :
MDL

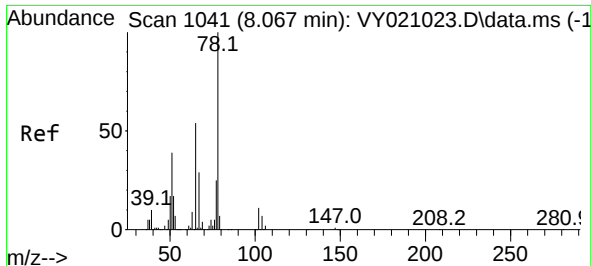
Tgt Ion: 56 Resp: 11247
Ion Ratio Lower Upper
56 100
69 70.5 27.0 40.6#
84 88.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 2.784 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 97 Resp: 8725
Ion Ratio Lower Upper
97 100
99 67.9 51.2 76.8
61 45.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 52.884 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

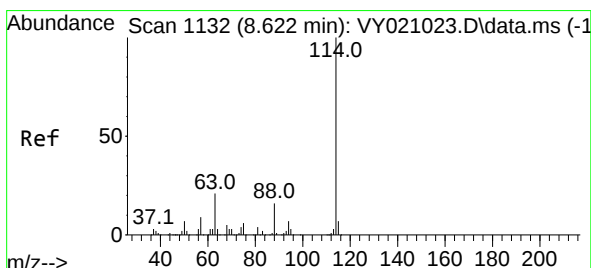
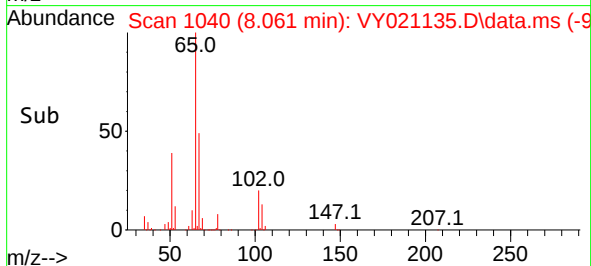
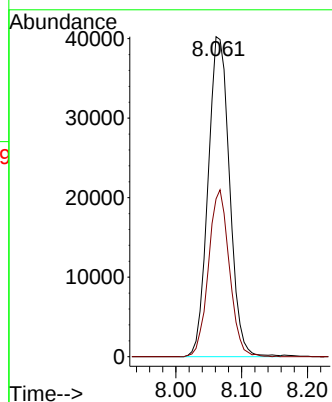
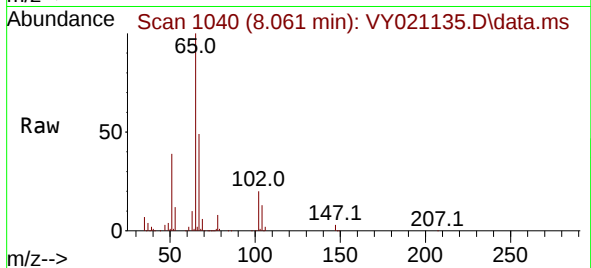
MDL

Tgt Ion: 65 Resp: 91640

Ion Ratio Lower Upper

65 100

67 50.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

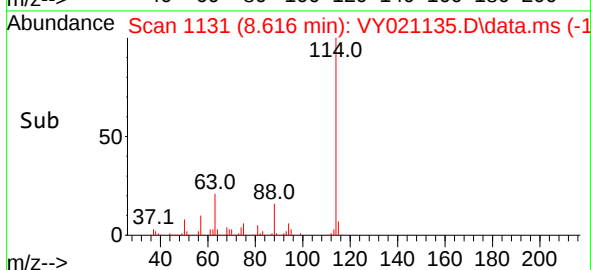
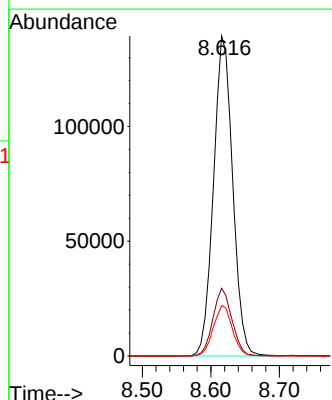
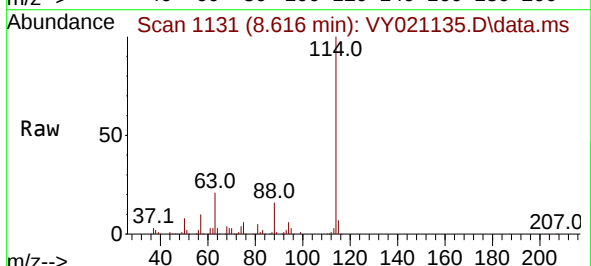
Tgt Ion: 114 Resp: 271292

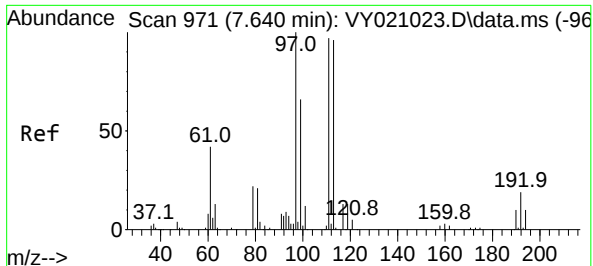
Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

88 15.7 0.0 29.0

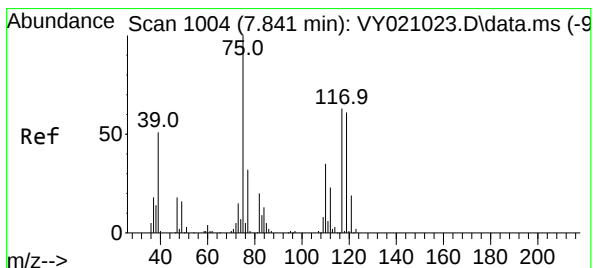
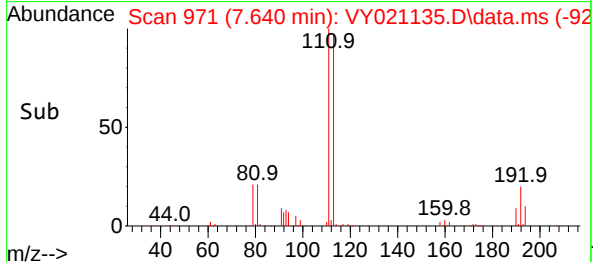
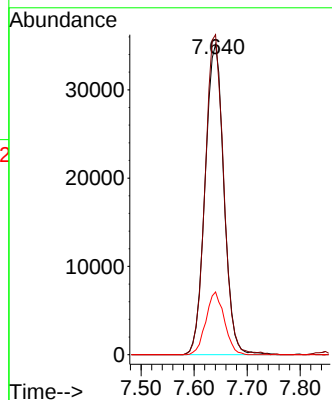
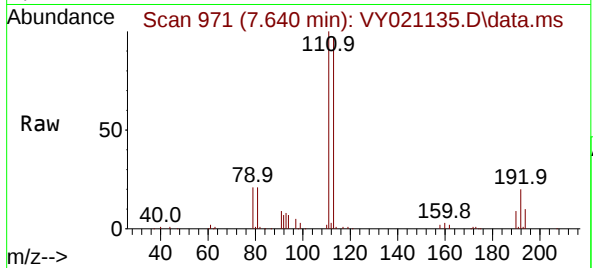




#35
Dibromofluoromethane
Concen: 49.728 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

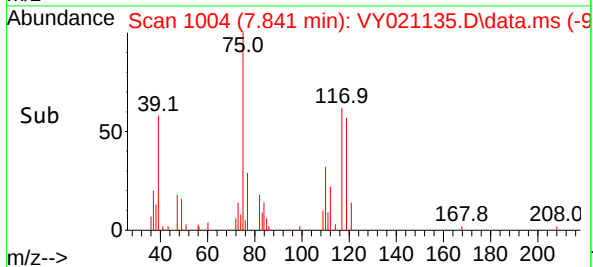
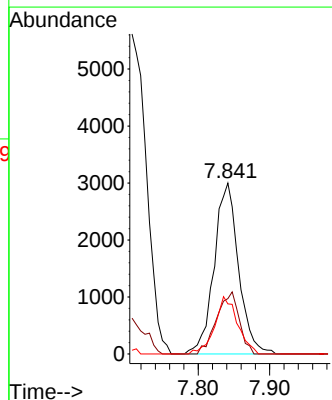
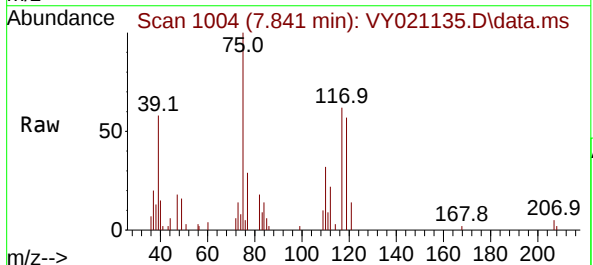
Instrument :
MSVOA_Y
ClientSampleId :
MDL

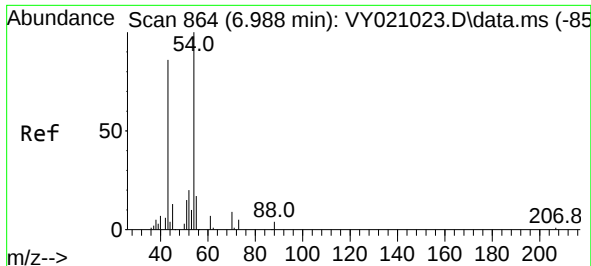
Tgt Ion:113 Resp: 86458
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 19.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 2.765 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 75 Resp: 7121
Ion Ratio Lower Upper
75 100
110 33.5 17.4 52.3
77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 2.765 ug/l

RT: 6.994 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

MDL

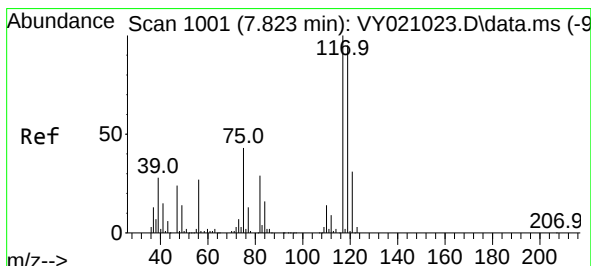
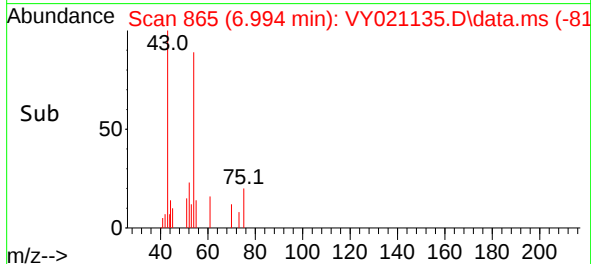
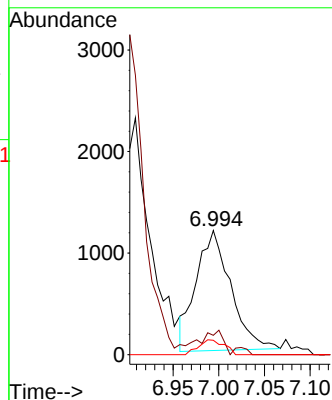
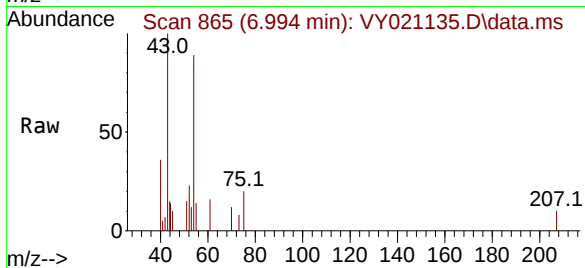
Tgt Ion: 43 Resp: 3124

Ion Ratio Lower Upper

43 100

61 13.4 11.0 16.6

70 9.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 2.854 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

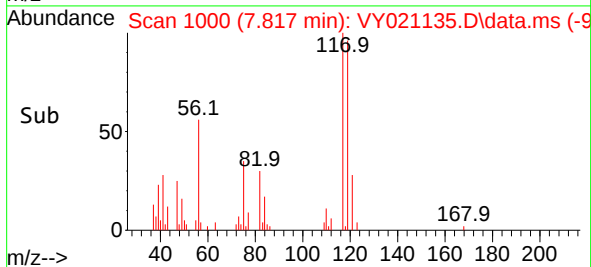
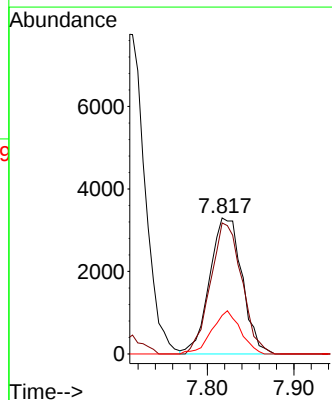
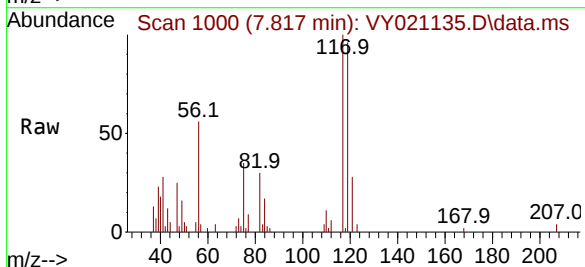
Tgt Ion: 117 Resp: 8587

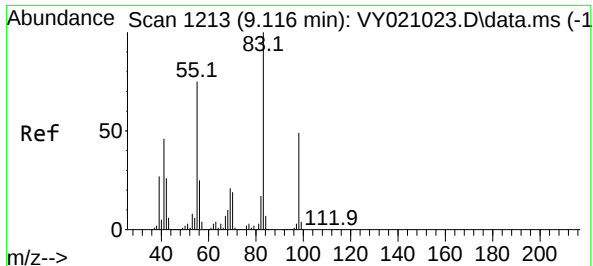
Ion Ratio Lower Upper

117 100

119 96.3 76.0 114.0

121 28.4 24.2 36.2





#39

Methylcyclohexane

Concen: 2.630 ug/l

RT: 9.116 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

MDL

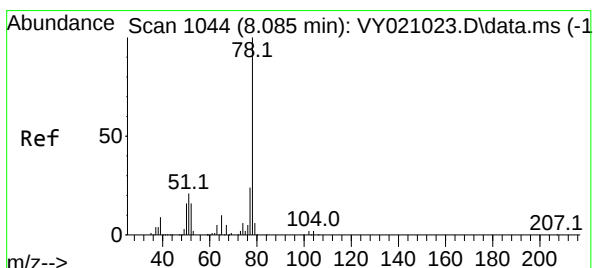
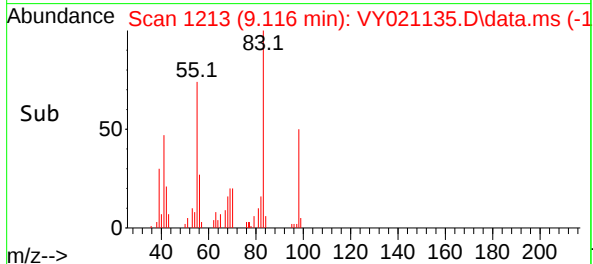
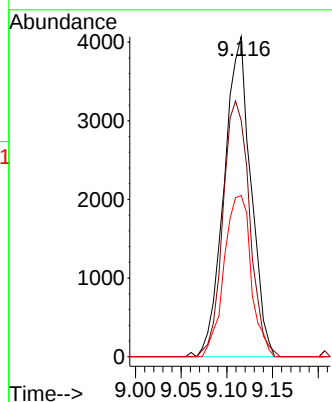
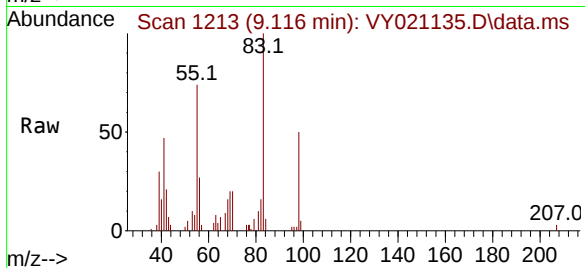
Tgt Ion: 83 Resp: 8284

Ion Ratio Lower Upper

83 100

55 73.9 59.7 89.5

98 50.3 38.0 57.0



#40

Benzene

Concen: 2.803 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021135.D

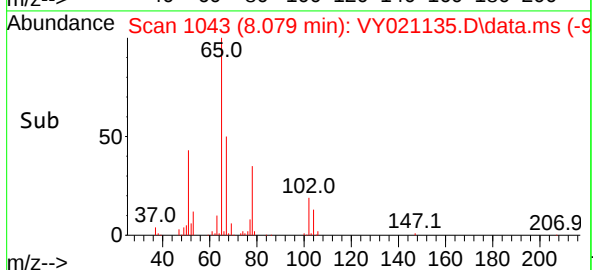
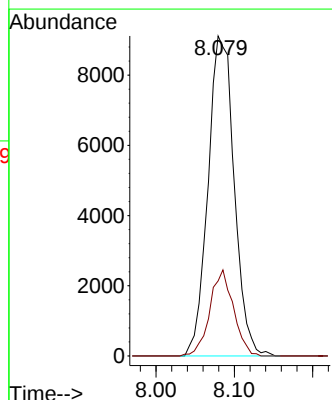
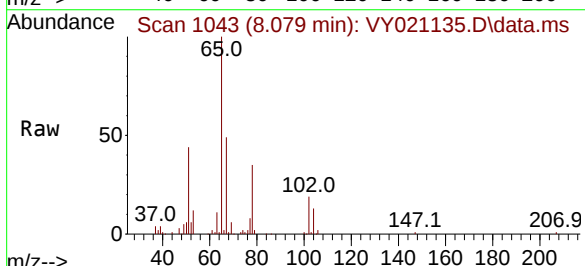
Acq: 07 Feb 2025 13:07

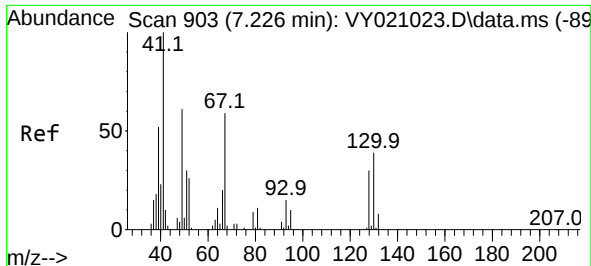
Tgt Ion: 78 Resp: 21186

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2

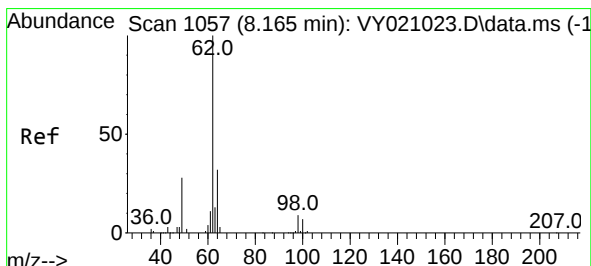
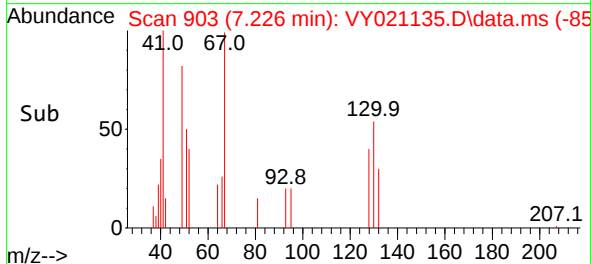
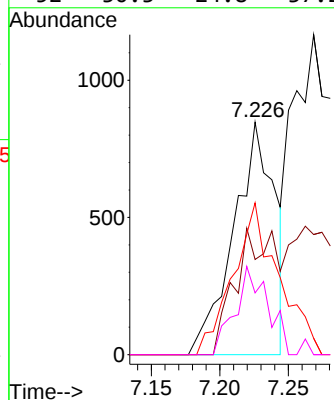
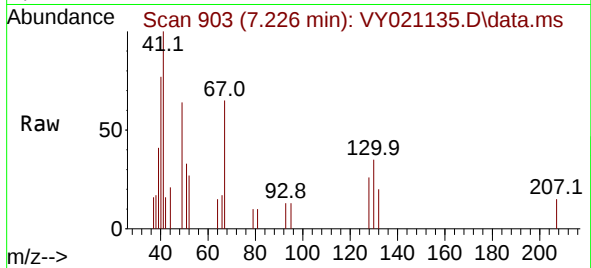




#41
Methacrylonitrile
Concen: 2.694 ug/l
RT: 7.226 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

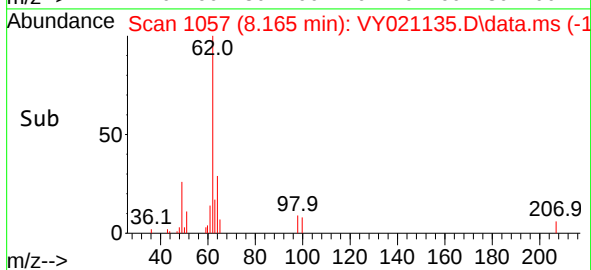
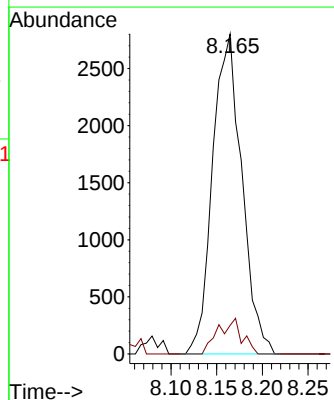
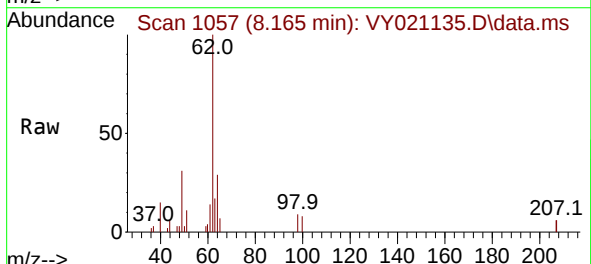
Instrument :
MSVOA_Y
ClientSampleId :
MDL

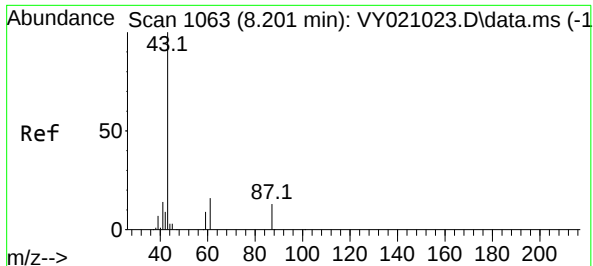
Tgt Ion:	41	Resp:	1761
Ion	Ratio	Lower	Upper
41	100		
39	37.7	41.9	62.9#
67	72.5	59.8	89.6
52	30.3	24.8	37.2



#42
1,2-Dichloroethane
Concen: 2.972 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion:	62	Resp:	6230
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.2

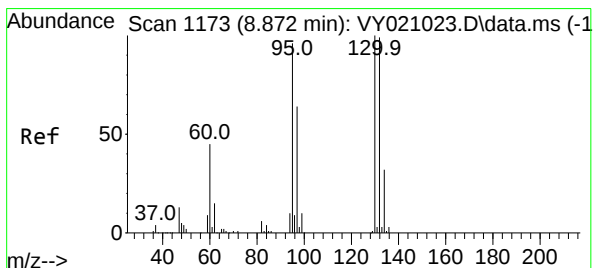
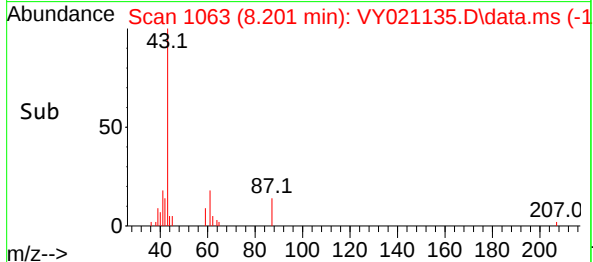
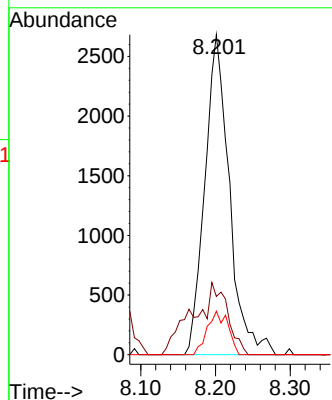
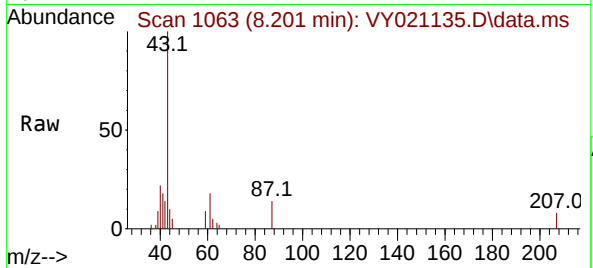




#43
Isopropyl Acetate
Concen: 2.725 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

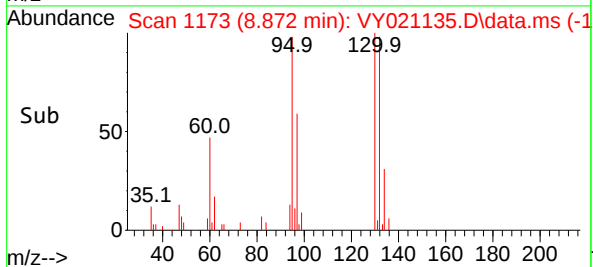
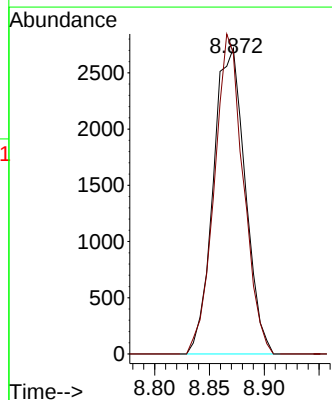
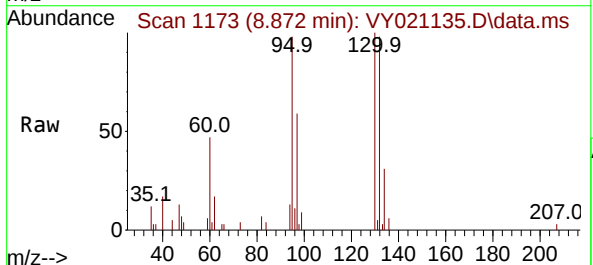
Instrument :
MSVOA_Y
ClientSampleId :
MDL

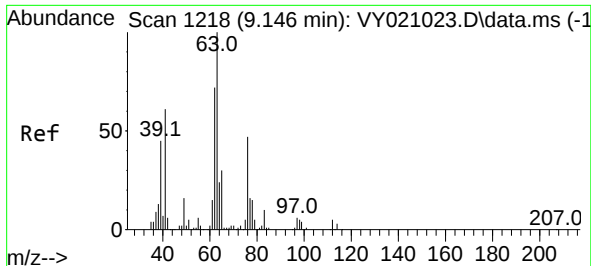
Tgt Ion: 43 Resp: 6116
Ion Ratio Lower Upper
43 100
61 20.0 24.8 37.2#
87 11.5 10.7 16.1



#44
Trichloroethene
Concen: 2.814 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 130 Resp: 5495
Ion Ratio Lower Upper
130 100
95 98.3 0.0 203.8





#45

1,2-Dichloropropane

Concen: 2.812 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

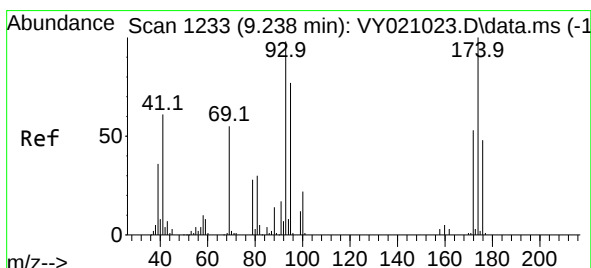
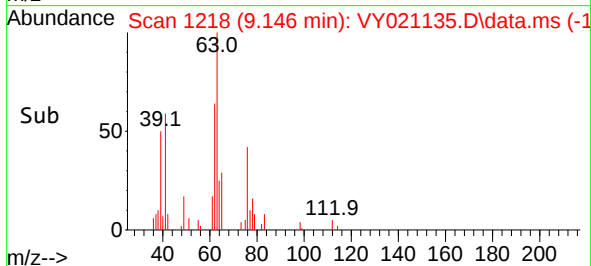
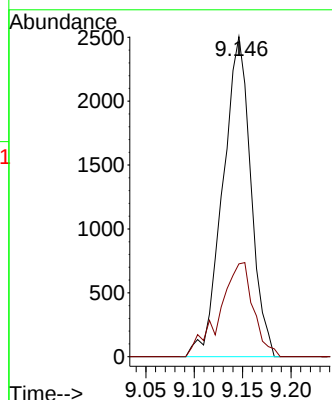
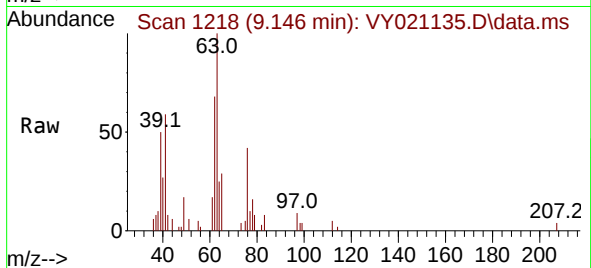
MDL

Tgt Ion: 63 Resp: 5044

Ion Ratio Lower Upper

63 100

65 29.0 24.6 36.8



#46

Dibromomethane

Concen: 2.753 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

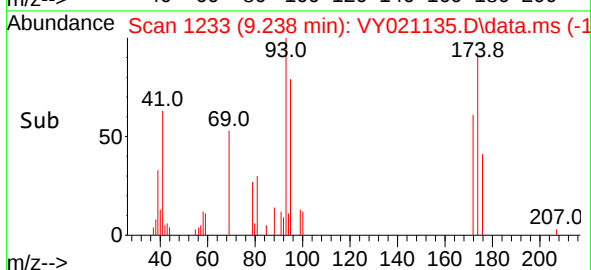
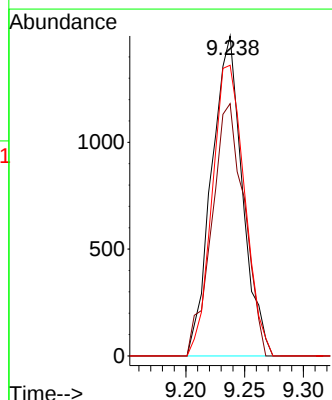
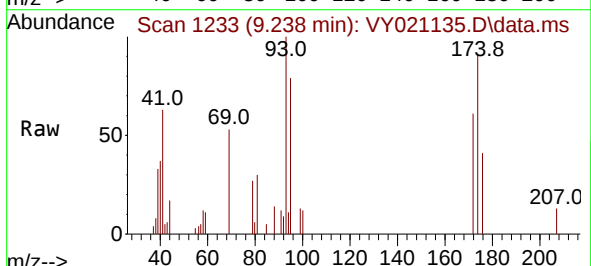
Tgt Ion: 93 Resp: 2734

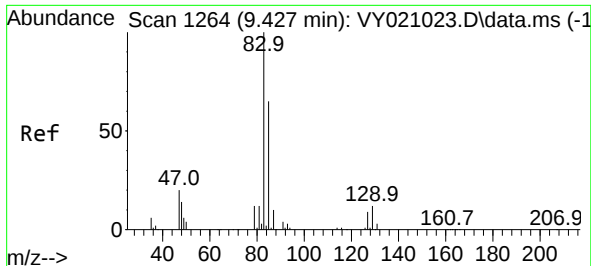
Ion Ratio Lower Upper

93 100

95 82.8 66.6 99.8

174 95.4 73.8 110.6

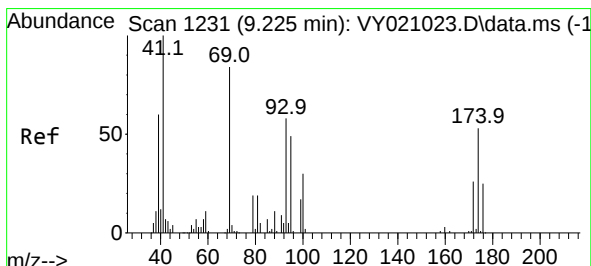
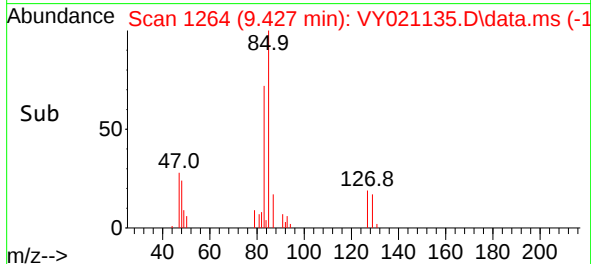
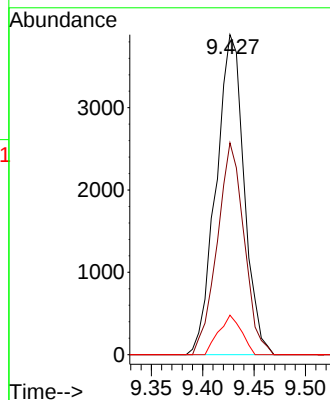
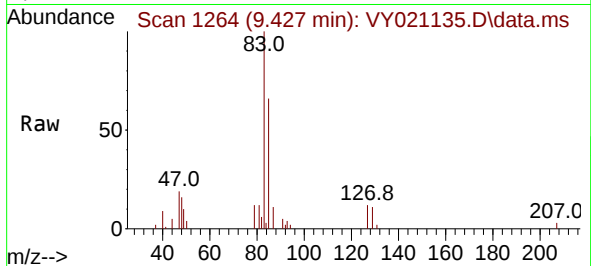




#47
Bromodichloromethane
Concen: 2.769 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

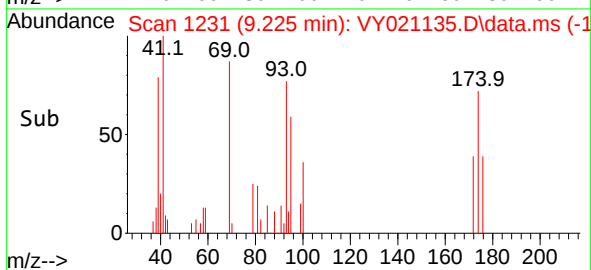
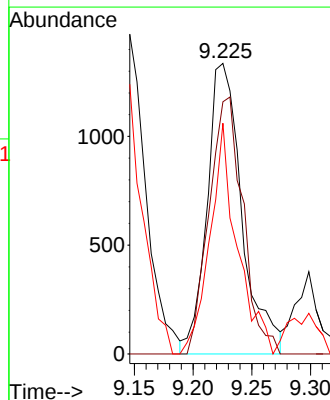
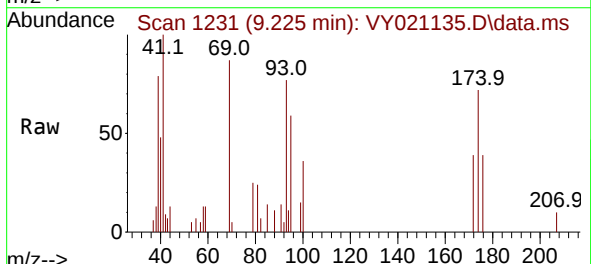
Instrument :
MSVOA_Y
ClientSampleId :
MDL

Tgt Ion: 83 Resp: 7376
Ion Ratio Lower Upper
83 100
85 66.2 53.2 79.8
127 12.3 6.4 9.6#



#48
Methyl methacrylate
Concen: 2.697 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 41 Resp: 2758
Ion Ratio Lower Upper
41 100
69 85.7 72.1 108.1
39 62.0 42.8 64.2





#49

1,4-Dioxane

Concen: 48.889 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

MDL

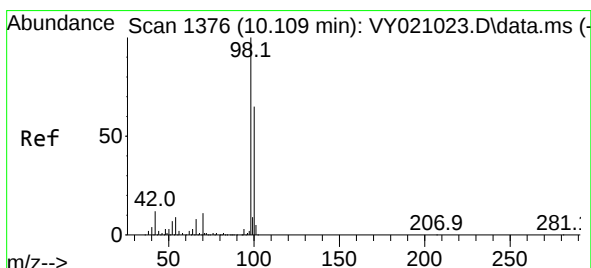
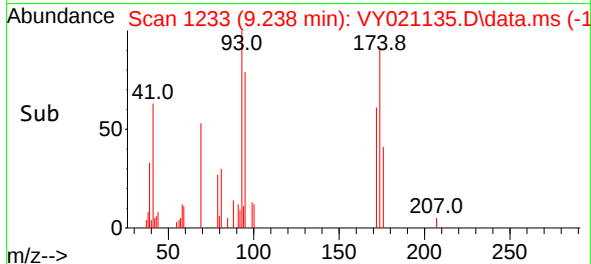
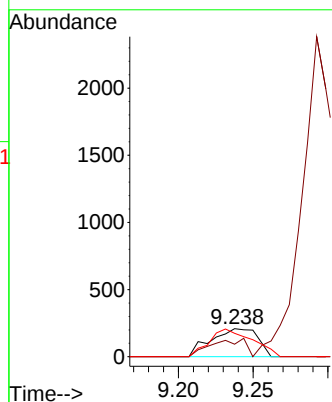
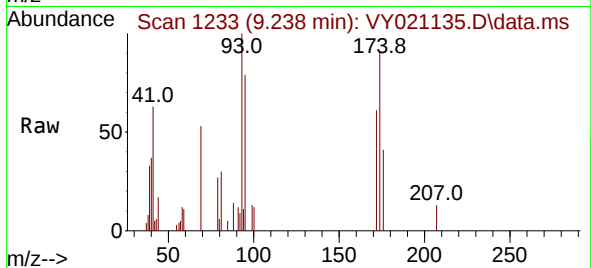
Tgt Ion: 88 Resp: 452

Ion Ratio Lower Upper

88 100

43 47.1 28.2 42.4#

58 91.8 52.2 78.2#



#50

Toluene-d8

Concen: 48.396 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021135.D

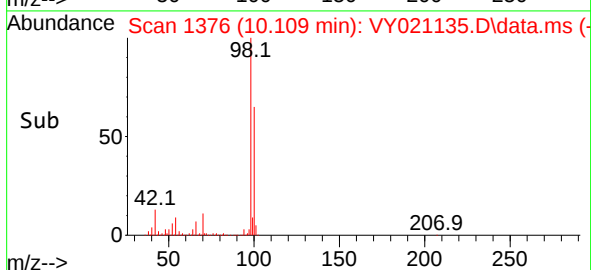
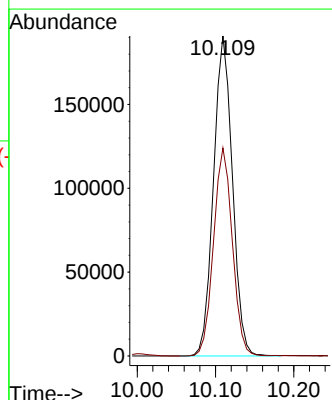
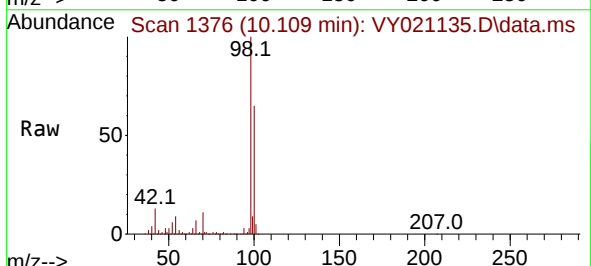
Acq: 07 Feb 2025 13:07

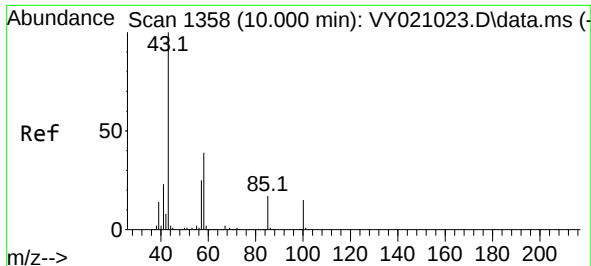
Tgt Ion: 98 Resp: 320335

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5

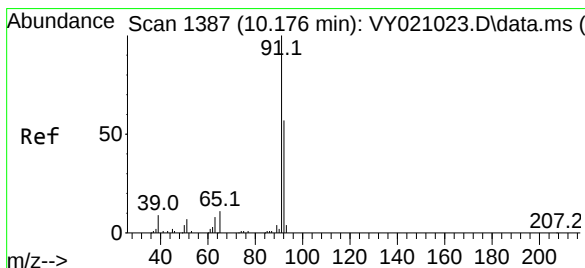
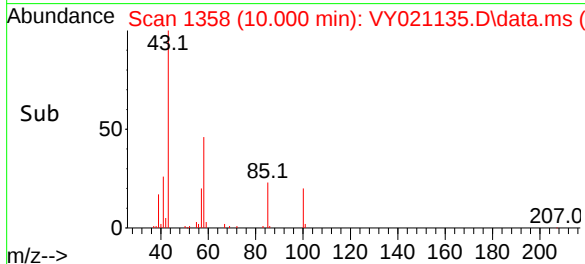
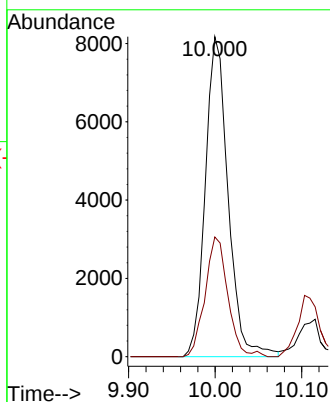
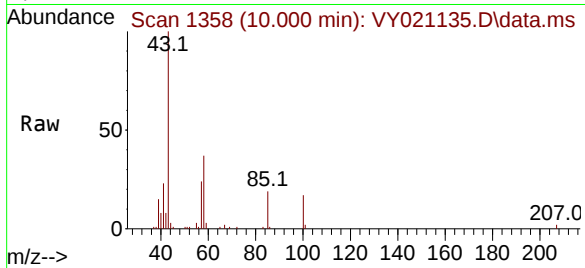




#51
4-Methyl-2-Pentanone
Concen: 13.213 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

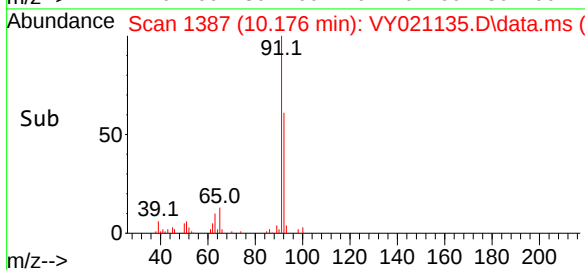
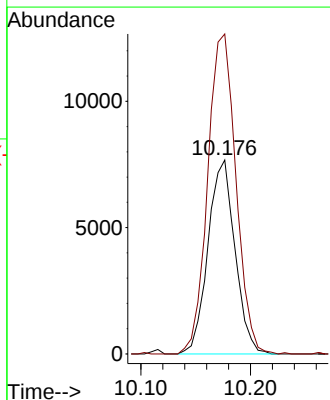
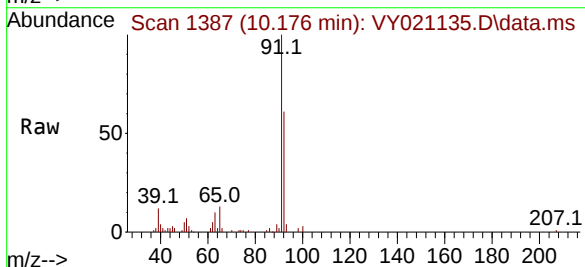
Instrument :
MSVOA_Y
ClientSampleId :
MDL

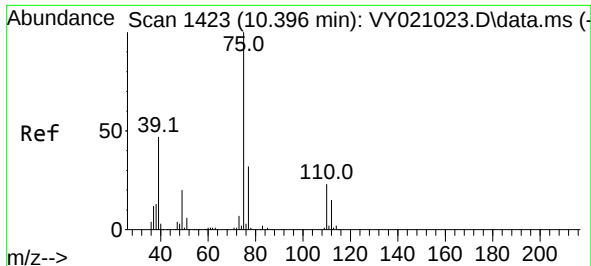
Tgt Ion: 43 Resp: 14915
Ion Ratio Lower Upper
43 100
58 37.4 32.2 48.2



#52
Toluene
Concen: 2.767 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 92 Resp: 13129
Ion Ratio Lower Upper
92 100
91 172.8 137.6 206.4

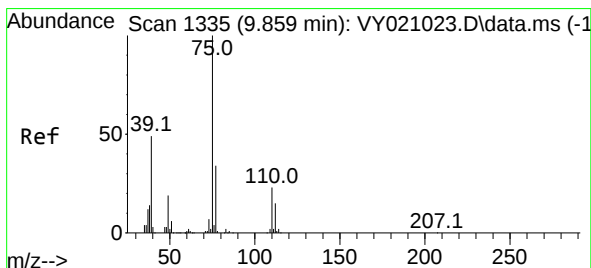
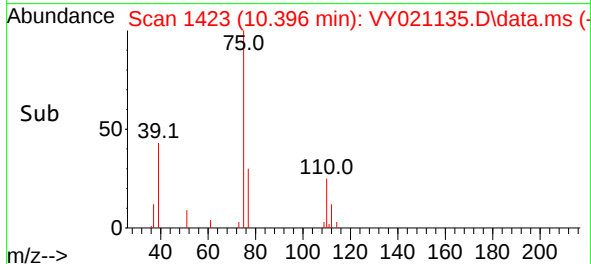
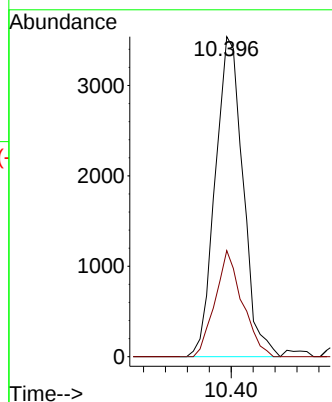
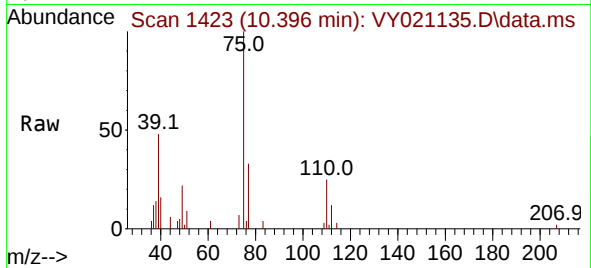




#53
 t-1,3-Dichloropropene
 Concen: 2.602 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY021135.D
 Acq: 07 Feb 2025 13:07

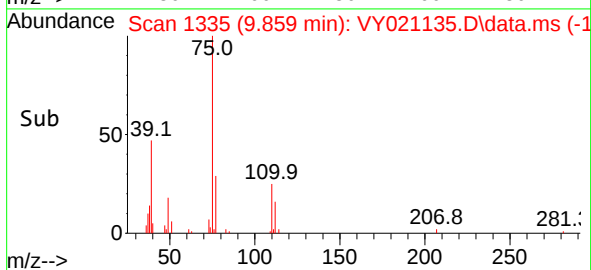
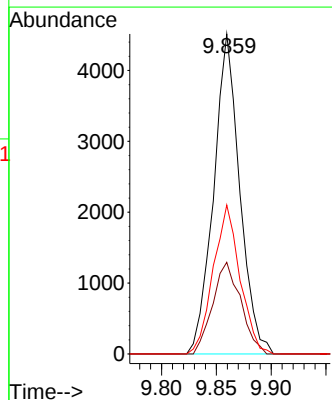
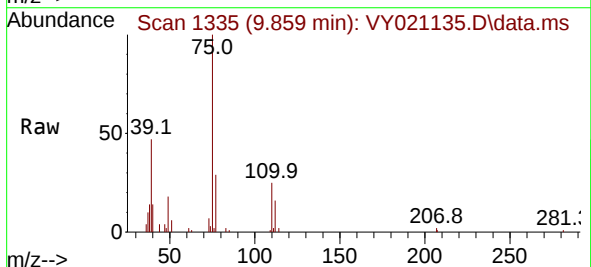
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL

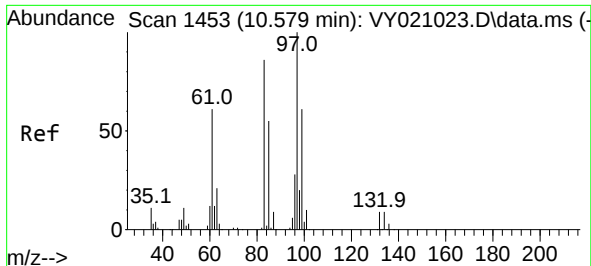
Tgt Ion: 75 Resp: 6223
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 2.635 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. -0.000 min
 Lab File: VY021135.D
 Acq: 07 Feb 2025 13:07

Tgt Ion: 75 Resp: 7463
 Ion Ratio Lower Upper
 75 100
 77 28.7 24.6 36.8
 39 46.6 33.6 50.4

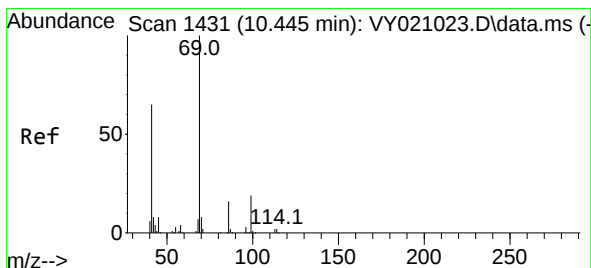
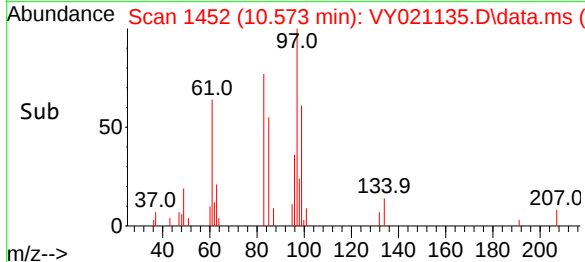
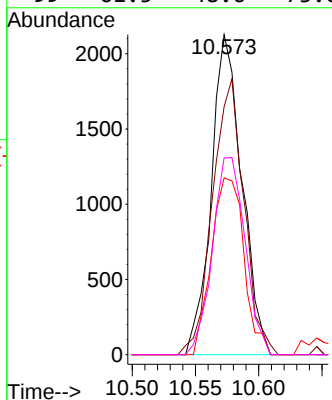
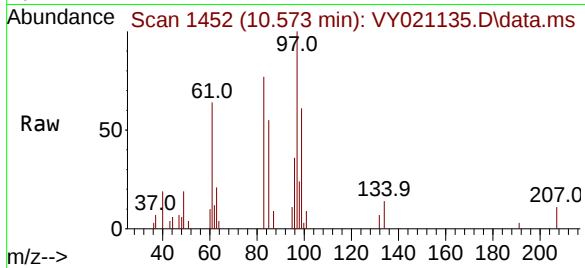




#55
1,1,2-Trichloroethane
Concen: 2.780 ug/l
RT: 10.573 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

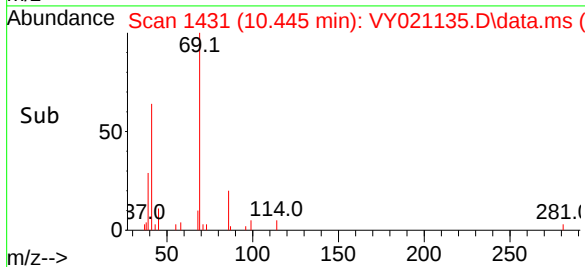
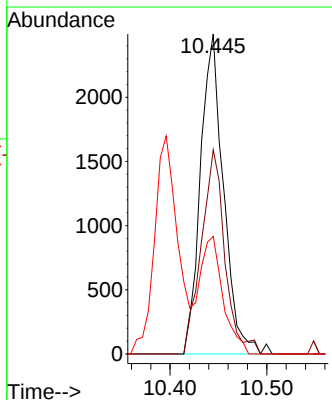
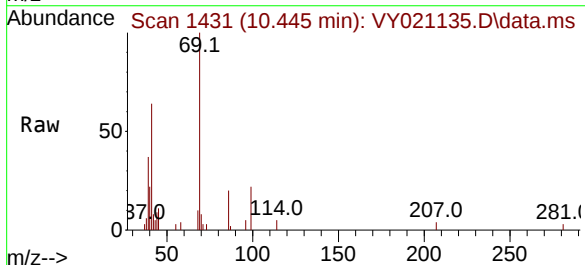
Instrument :
MSVOA_Y
ClientSampleId :
MDL

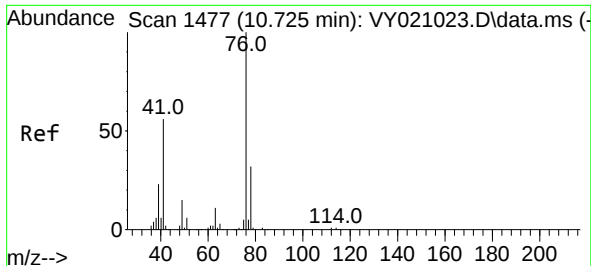
Tgt Ion: 97	Resp: 3575
Ion Ratio	Lower Upper
97 100	
83 77.5	69.4 104.2
85 55.2	43.9 65.9
99 61.5	48.6 73.0



#56
Ethyl methacrylate
Concen: 2.408 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 69	Resp: 4143		
Ion Ratio	Lower	Upper	
69 100			
41 65.2	49.2	73.8	
39 37.6	26.8	40.2	





#57

1,3-Dichloropropane

Concen: 2.742 ug/l

RT: 10.719 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

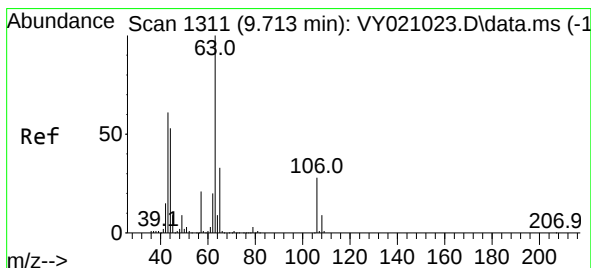
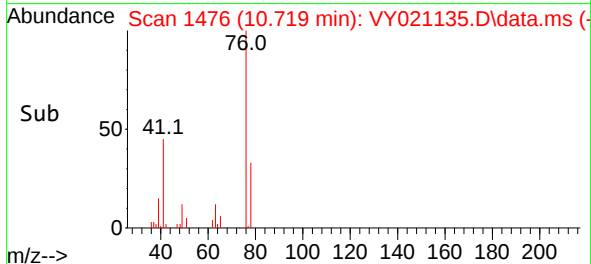
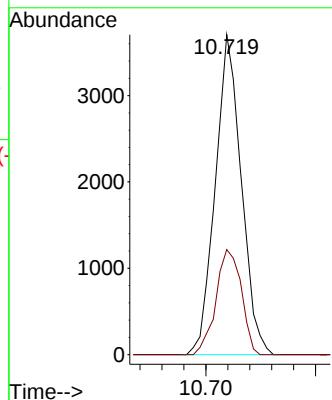
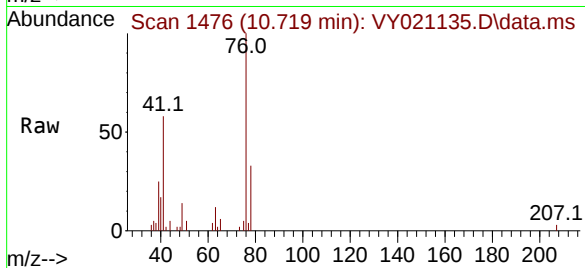
MDL

Tgt Ion: 76 Resp: 6103

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 10.988 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY021135.D

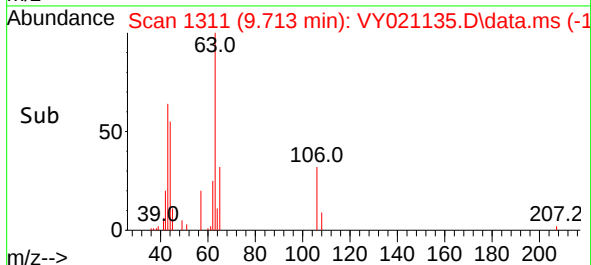
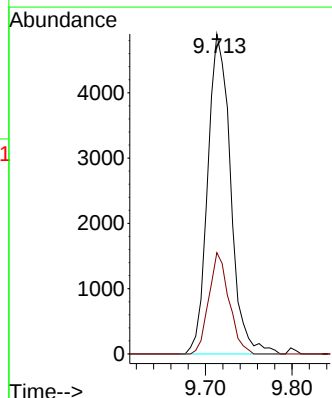
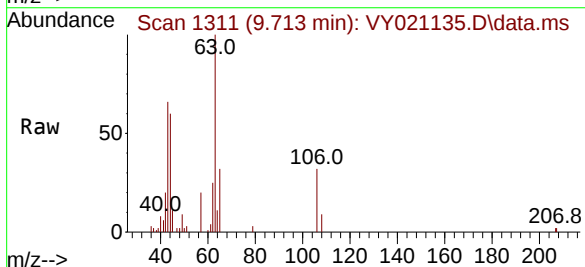
Acq: 07 Feb 2025 13:07

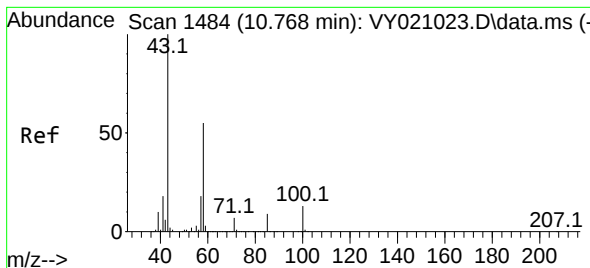
Tgt Ion: 63 Resp: 8994

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6

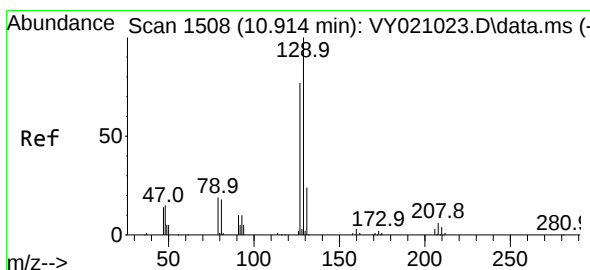
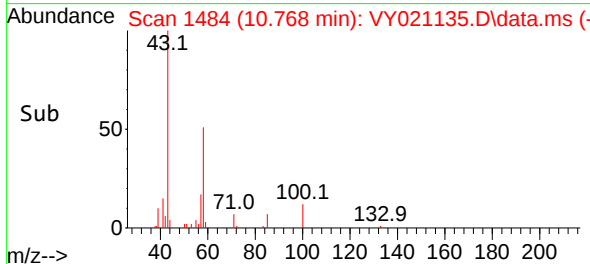
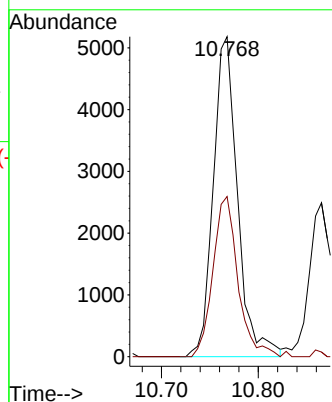
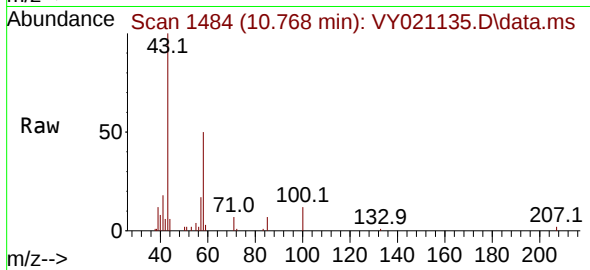




#59
2-Hexanone
Concen: 12.366 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

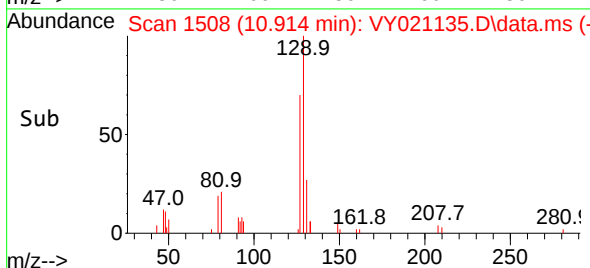
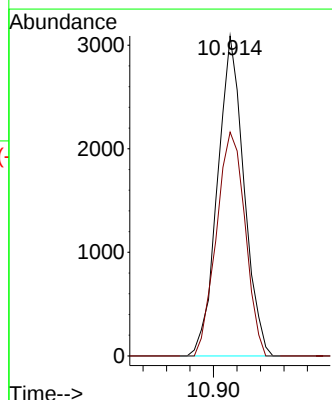
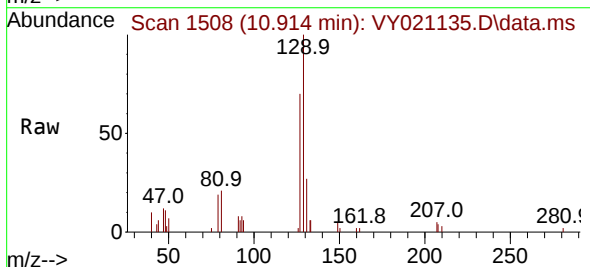
Instrument :
MSVOA_Y
ClientSampleId :
MDL

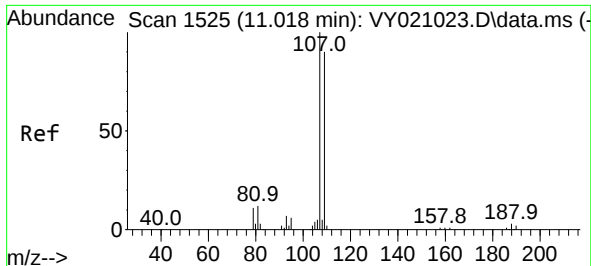
Tgt Ion: 43 Resp: 8988
Ion Ratio Lower Upper
43 100
58 51.6 28.1 84.3



#60
Dibromochloromethane
Concen: 2.674 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 129 Resp: 4829
Ion Ratio Lower Upper
129 100
127 75.8 39.2 117.6

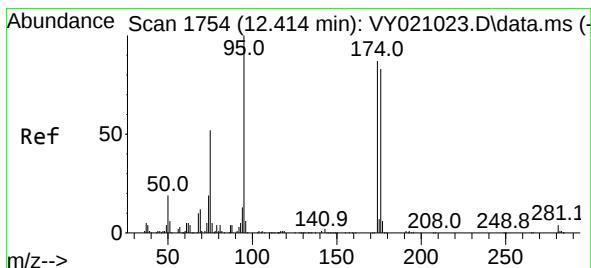
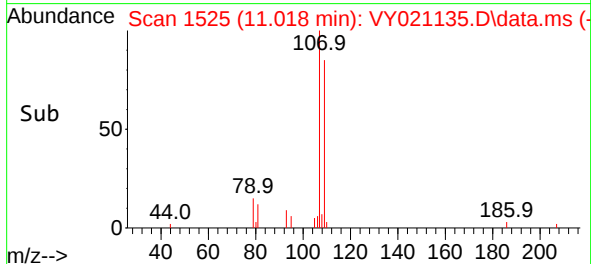
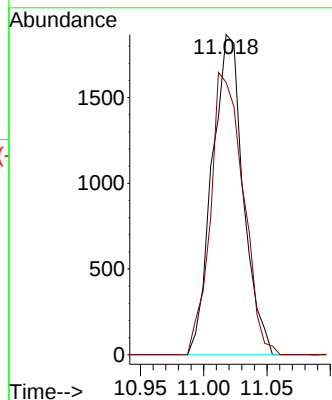
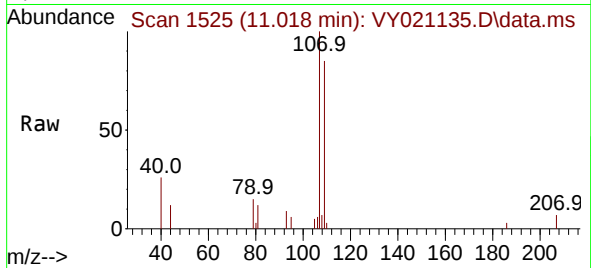




#61
1,2-Dibromoethane
Concen: 2.644 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

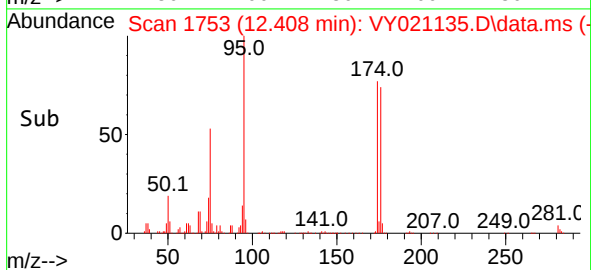
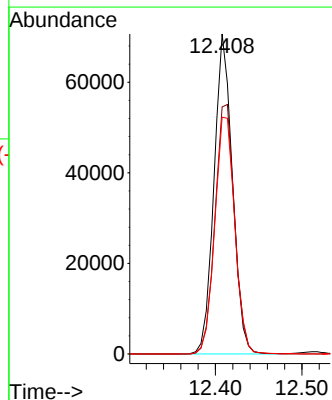
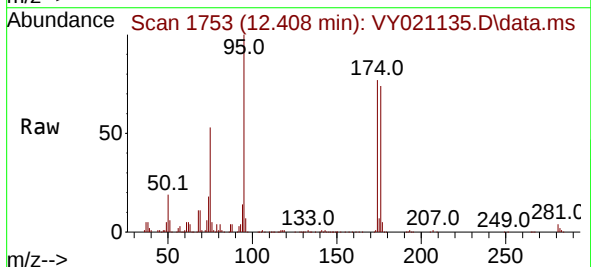
Instrument :
MSVOA_Y
ClientSampleId :
MDL

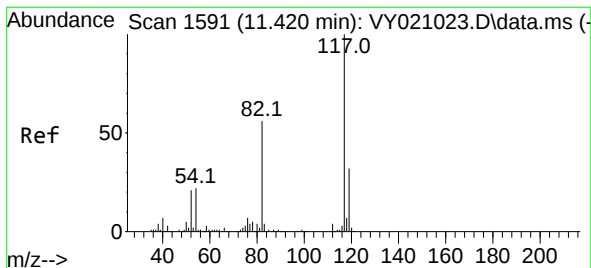
Tgt Ion:107 Resp: 3185
Ion Ratio Lower Upper
107 100
109 93.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.318 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 95 Resp: 104484
Ion Ratio Lower Upper
95 100
174 83.2 0.0 160.0
176 80.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

MDL

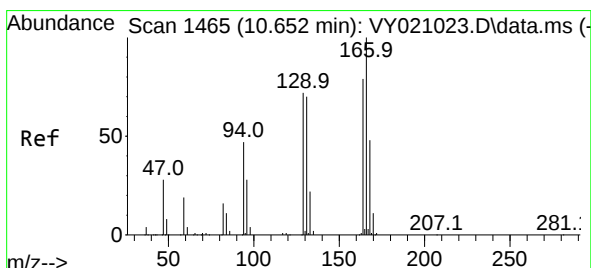
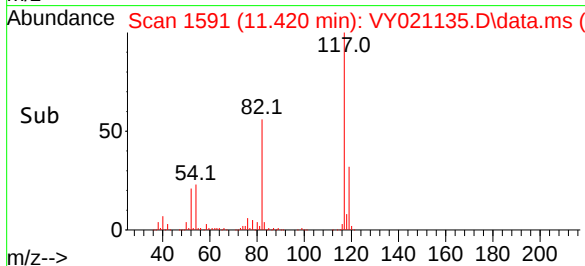
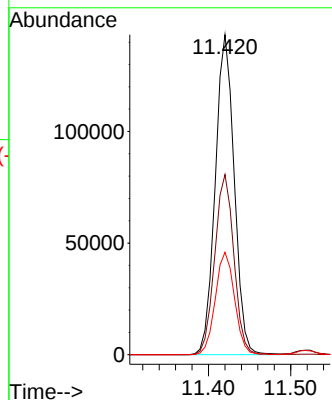
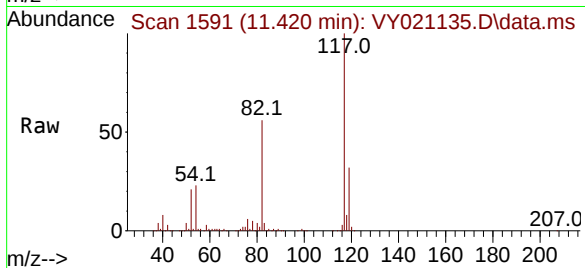
Tgt Ion:117 Resp: 230329

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 32.0 26.5 39.7



#64

Tetrachloroethene

Concen: 2.730 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Tgt Ion:164 Resp: 4668

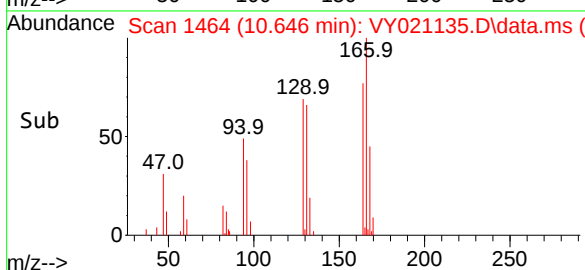
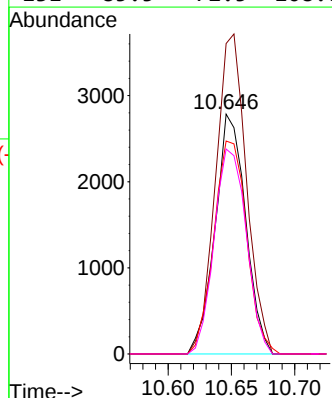
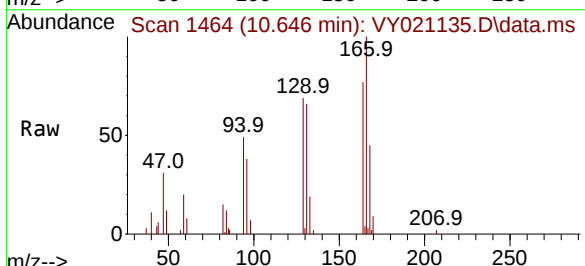
Ion Ratio Lower Upper

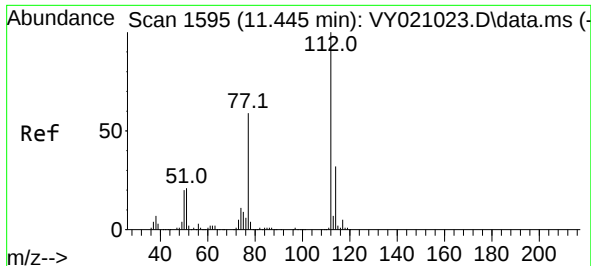
164 100

166 129.4 98.8 148.2

129 88.8 78.9 118.3

131 85.5 72.5 108.7

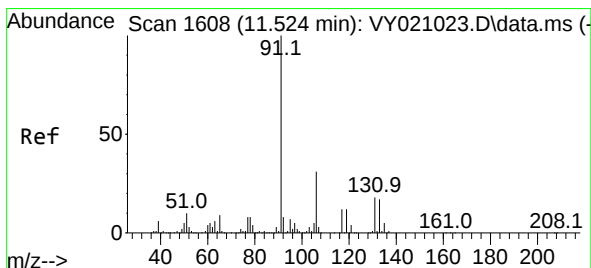
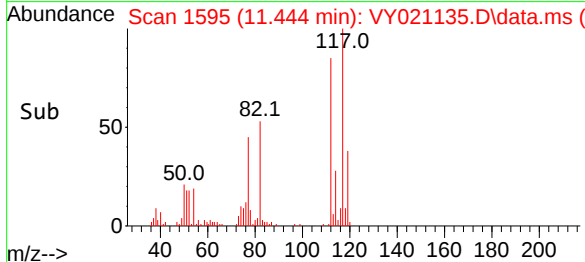
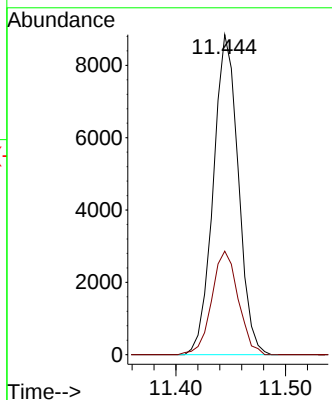
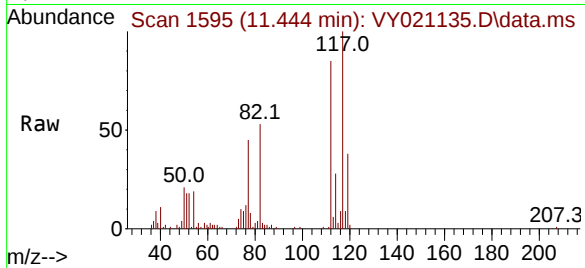




#65
Chlorobenzene
Concen: 2.739 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

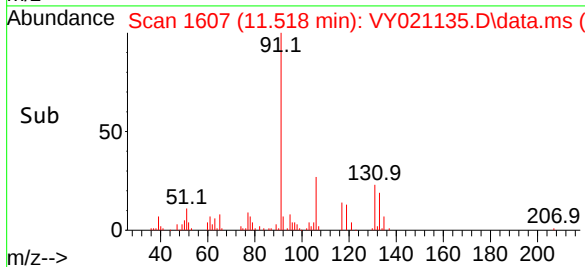
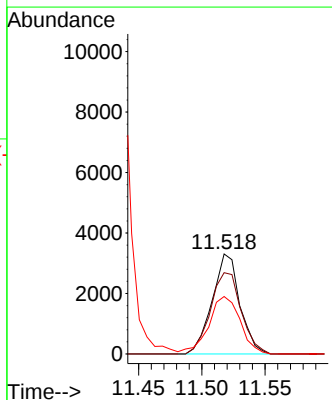
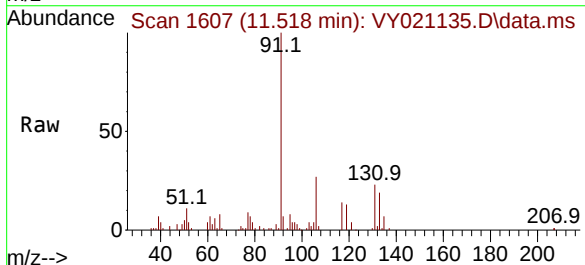
Instrument :
MSVOA_Y
ClientSampleId :
MDL

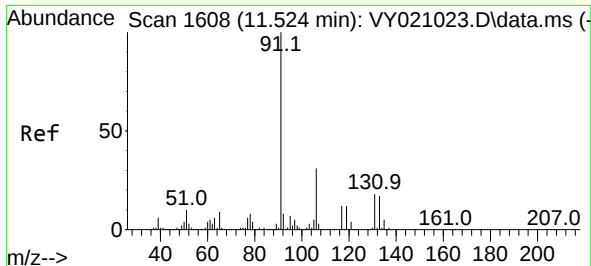
Tgt Ion:112 Resp: 14048
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 2.752 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion:131 Resp: 5016
Ion Ratio Lower Upper
131 100
133 90.6 47.0 141.0
119 65.4 33.3 99.9





#67

Ethyl Benzene

Concen: 2.589 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

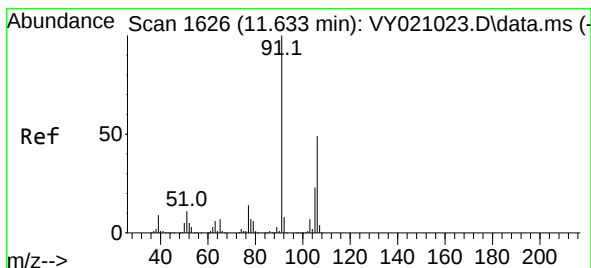
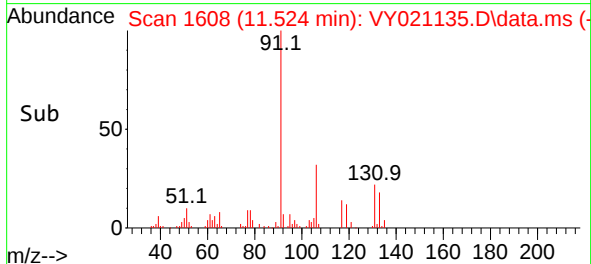
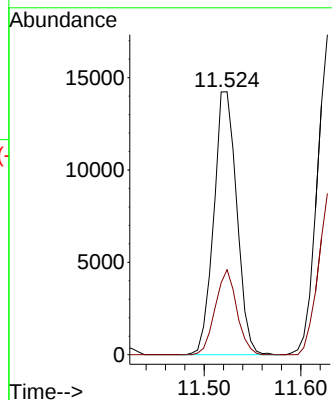
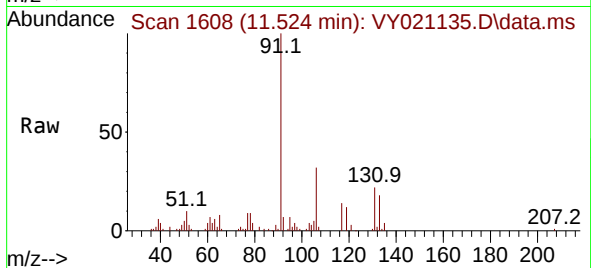
MDL

Tgt Ion: 91 Resp: 23488

Ion Ratio Lower Upper

91 100

106 32.3 25.0 37.4



#68

m/p-Xylenes

Concen: 4.997 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021135.D

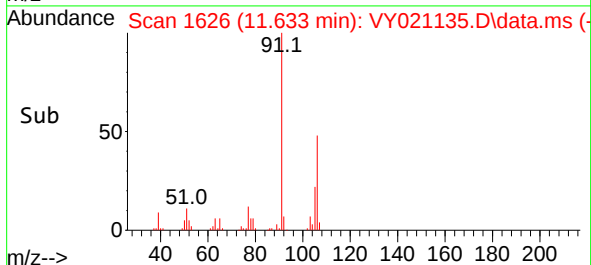
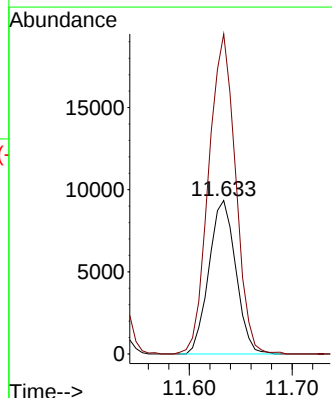
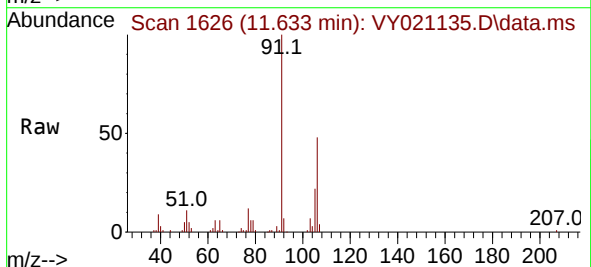
Acq: 07 Feb 2025 13:07

Tgt Ion:106 Resp: 16957

Ion Ratio Lower Upper

106 100

91 208.8 160.7 241.1

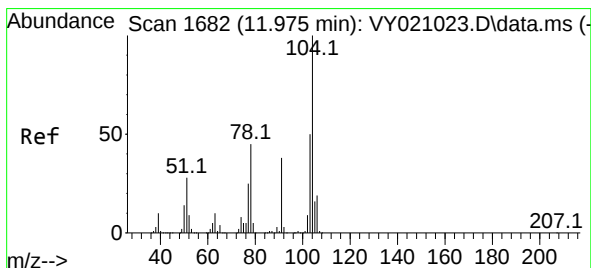
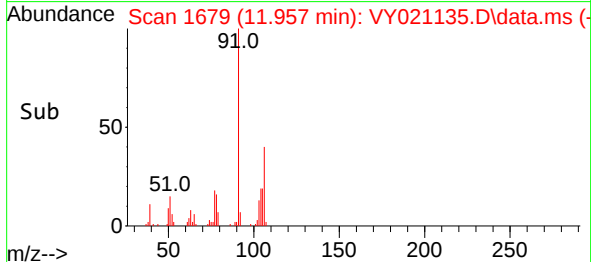
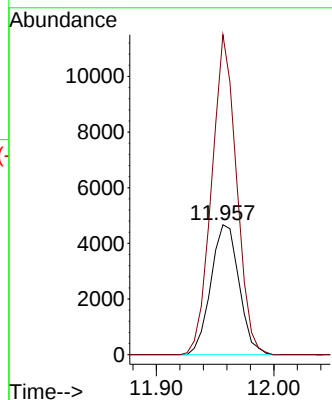
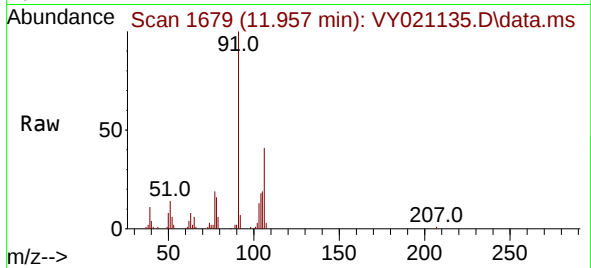




#69
o-Xylene
Concen: 2.462 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

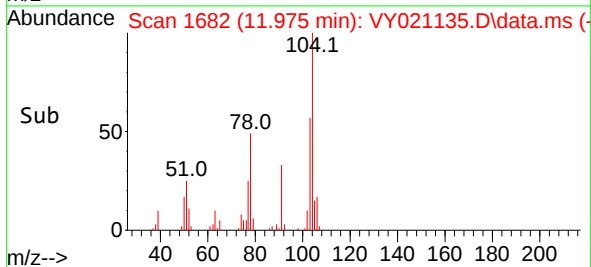
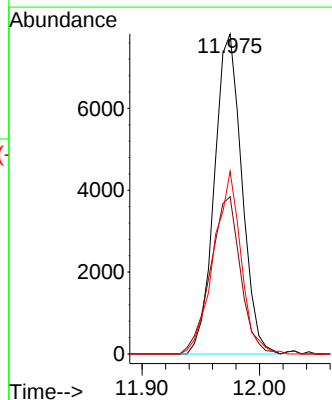
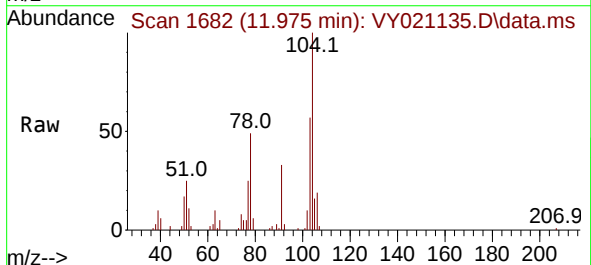
Instrument :
MSVOA_Y
ClientSampleId :
MDL

Tgt Ion:106 Resp: 7789
Ion Ratio Lower Upper
106 100
91 217.4 106.5 319.5



#70
Styrene
Concen: 2.408 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion:104 Resp: 12696
Ion Ratio Lower Upper
104 100
78 53.6 39.2 58.8
103 57.0 43.8 65.6





#71

Bromoform

Concen: 2.711 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

MDL

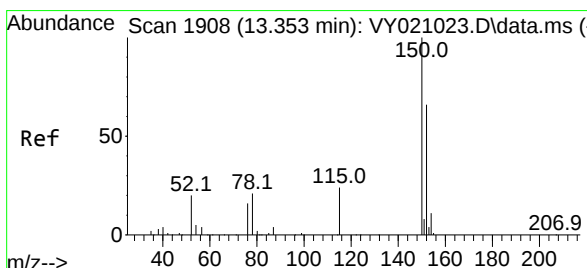
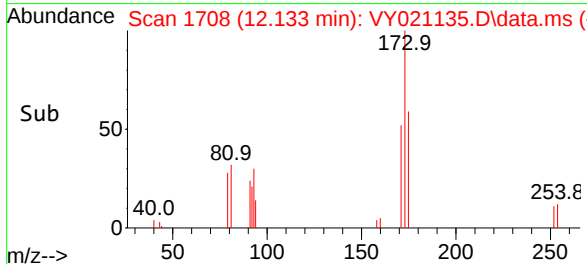
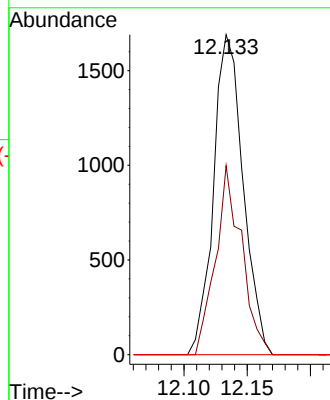
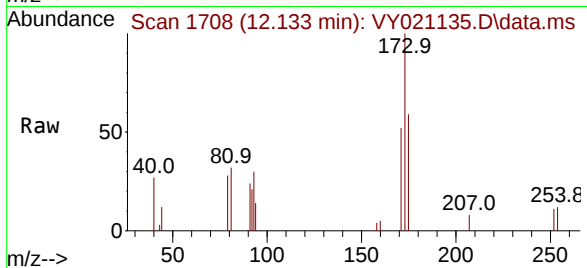
Tgt Ion:173 Resp: 2750

Ion Ratio Lower Upper

173 100

175 52.1 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

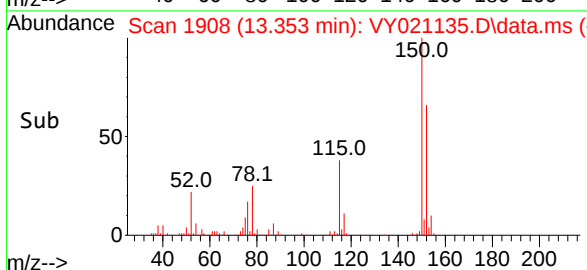
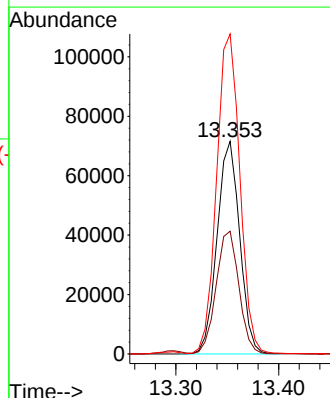
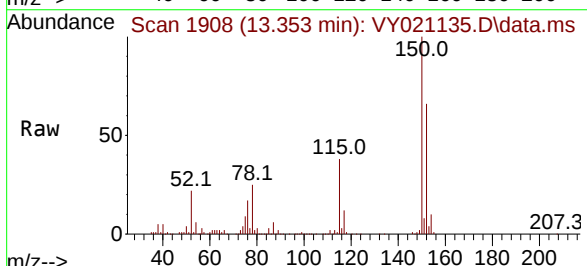
Tgt Ion:152 Resp: 109097

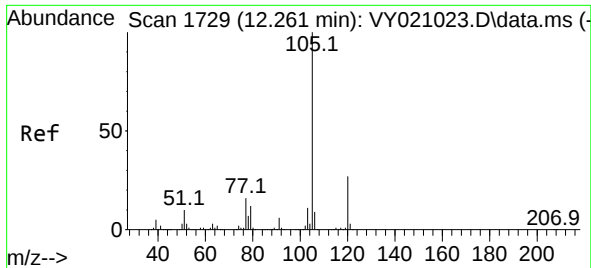
Ion Ratio Lower Upper

152 100

115 58.1 30.0 90.0

150 154.4 0.0 344.6

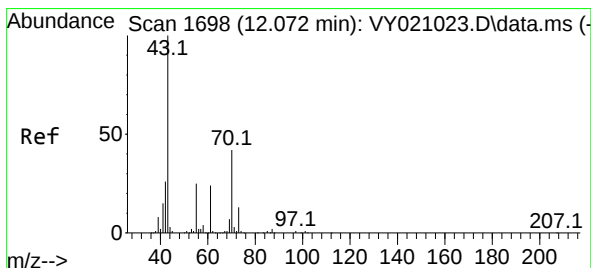
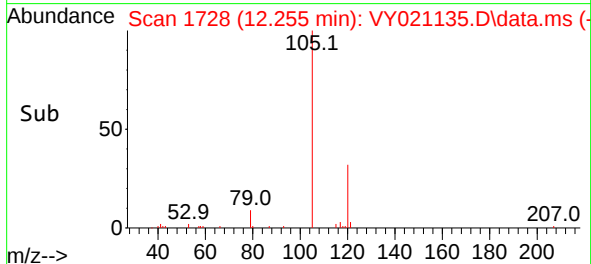
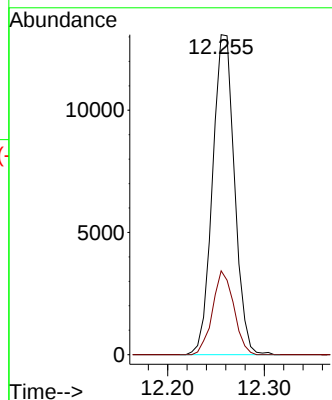
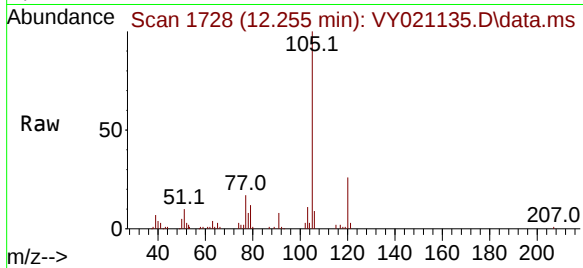




#73
Isopropylbenzene
Concen: 2.423 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

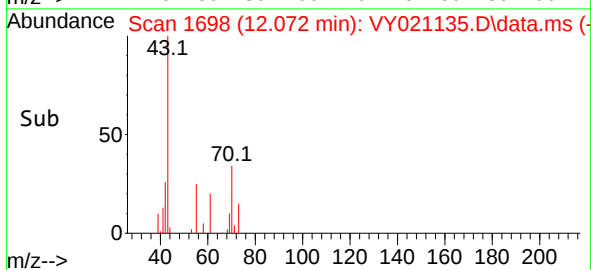
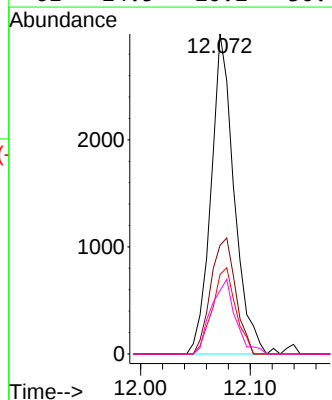
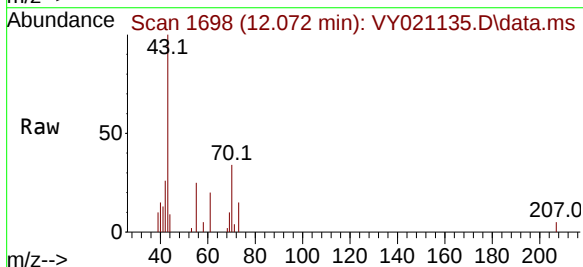
Instrument :
MSVOA_Y
ClientSampleId :
MDL

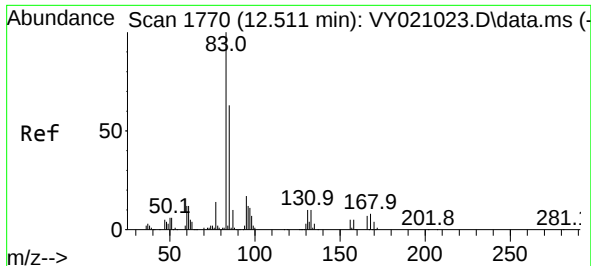
Tgt Ion:105 Resp: 20650
Ion Ratio Lower Upper
105 100
120 25.3 13.0 39.0



#74
N-amy1 acetate
Concen: 2.355 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 43 Resp: 4388
Ion Ratio Lower Upper
43 100
70 38.8 36.6 55.0
55 27.1 22.2 33.4
61 24.5 20.2 30.4

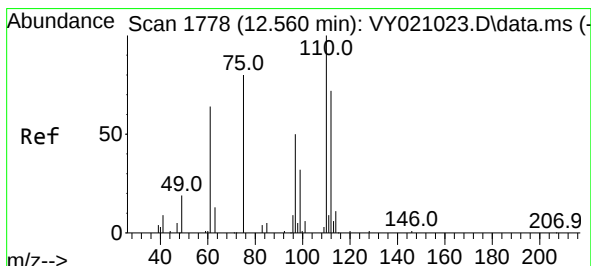
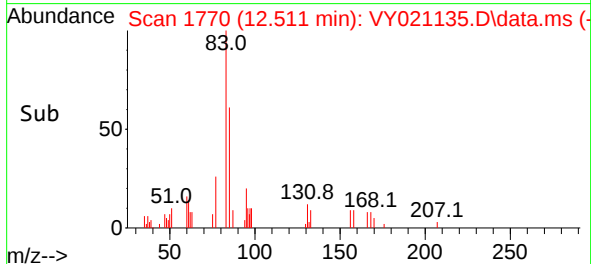
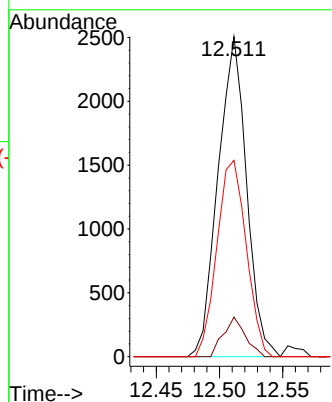
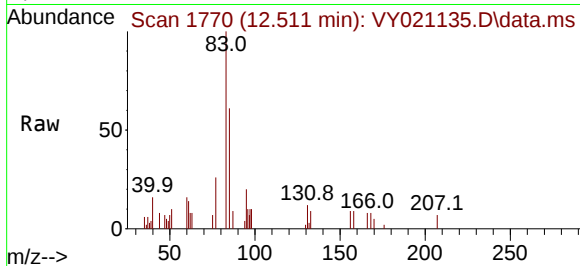




#75
 1,1,2-Tetrachloroethane
 Concen: 2.766 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: VY021135.D
 Acq: 07 Feb 2025 13:07

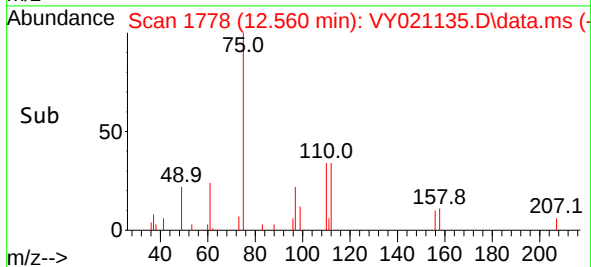
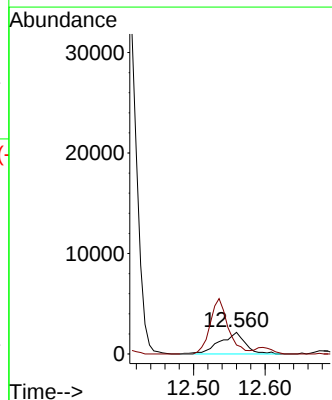
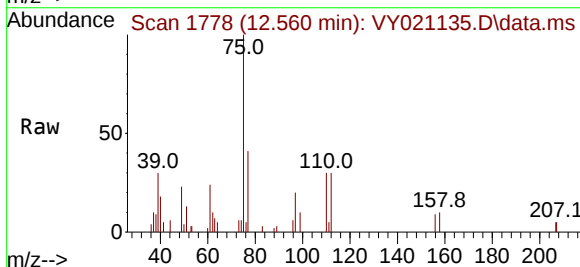
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL

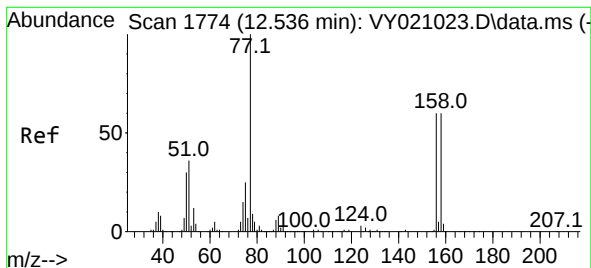
Tgt Ion: 83 Resp: 3921
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.9 14.6
 85 63.1 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 5.410 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VY021135.D
 Acq: 07 Feb 2025 13:07

Tgt Ion: 75 Resp: 5354
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.564 ug/l

RT: 12.536 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

MDL

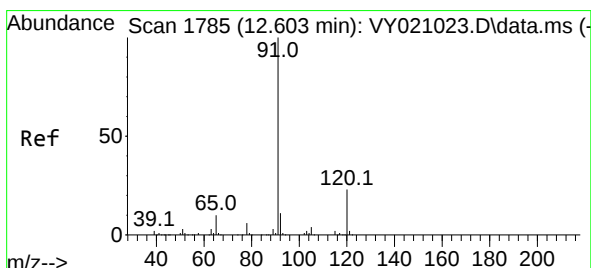
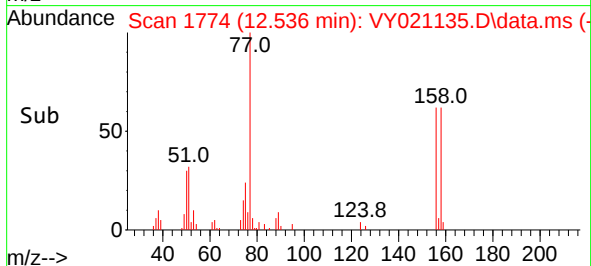
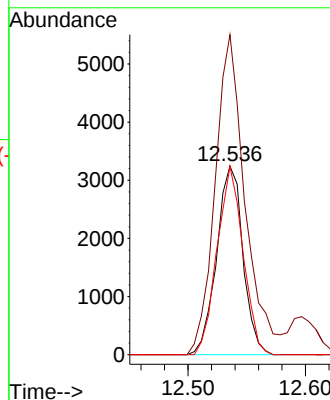
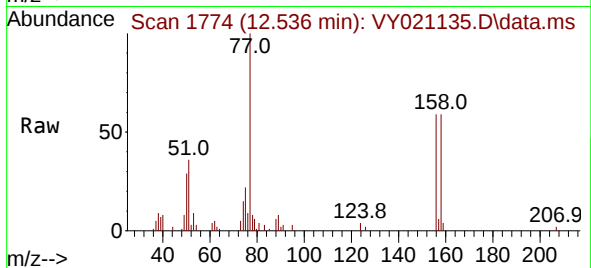
Tgt Ion:156 Resp: 5043

Ion Ratio Lower Upper

156 100

77 193.0 97.3 291.8

158 98.6 48.4 145.0



#78

n-propylbenzene

Concen: 2.598 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VY021135.D

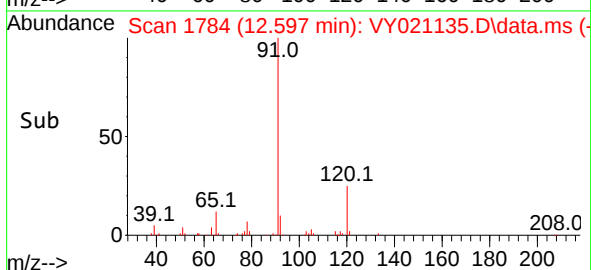
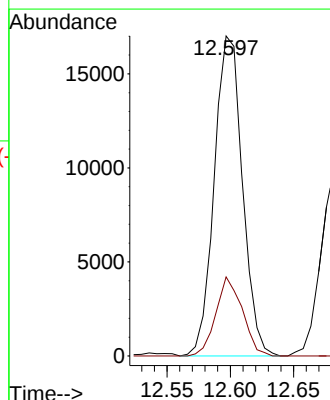
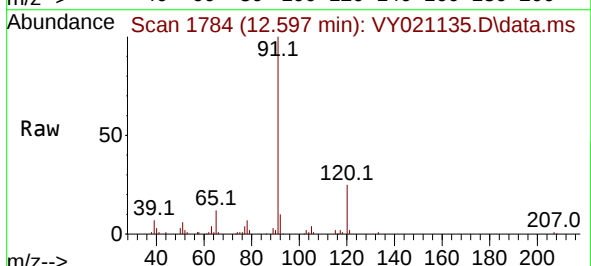
Acq: 07 Feb 2025 13:07

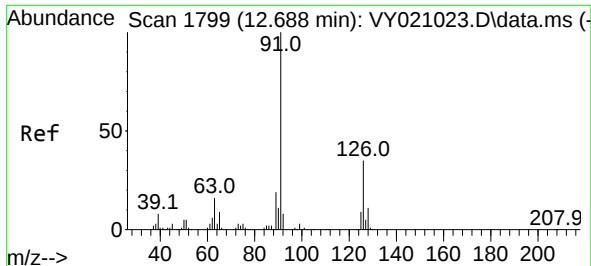
Tgt Ion: 91 Resp: 26376

Ion Ratio Lower Upper

91 100

120 23.2 11.0 33.0

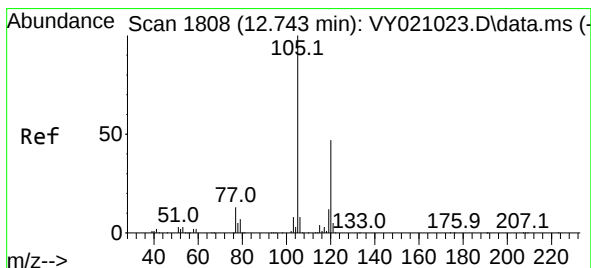
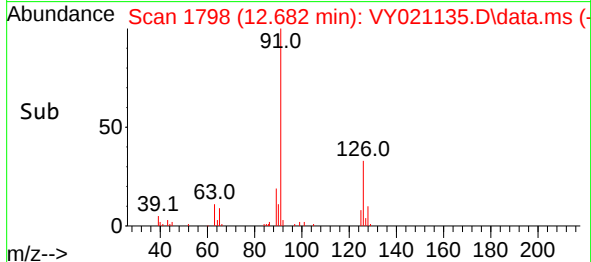
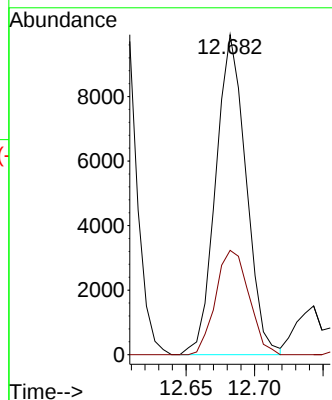
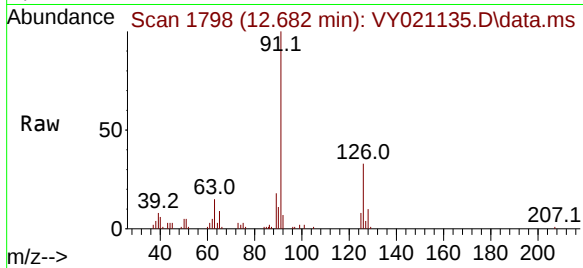




#79
2-Chlorotoluene
Concen: 2.625 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

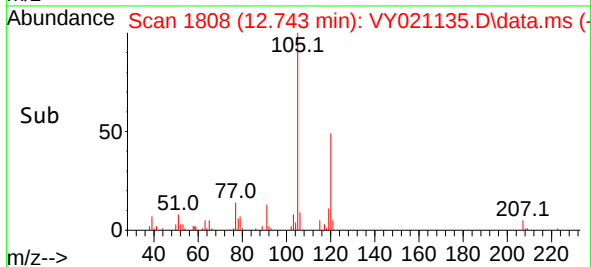
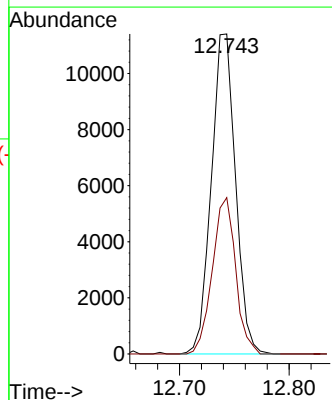
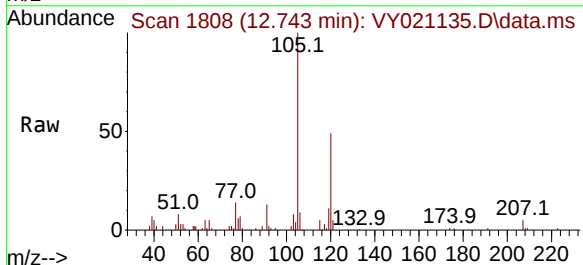
Instrument :
MSVOA_Y
ClientSampleId :
MDL

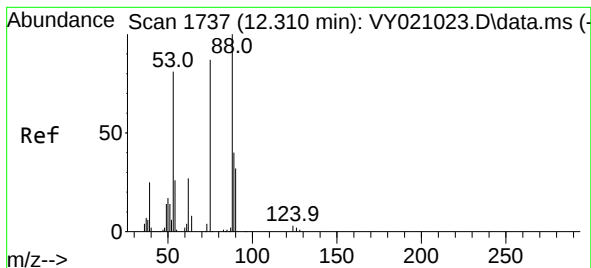
Tgt Ion: 91 Resp: 15265
Ion Ratio Lower Upper
91 100
126 35.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 2.533 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 105 Resp: 17500
Ion Ratio Lower Upper
105 100
120 47.1 24.3 72.8

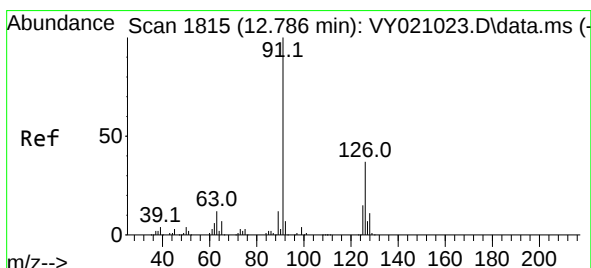
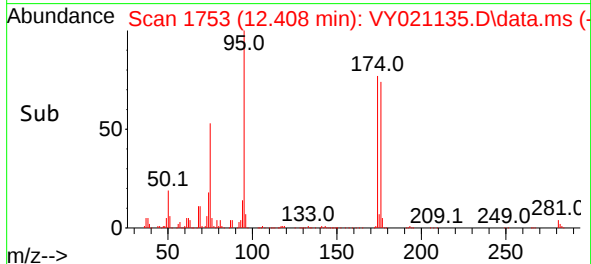
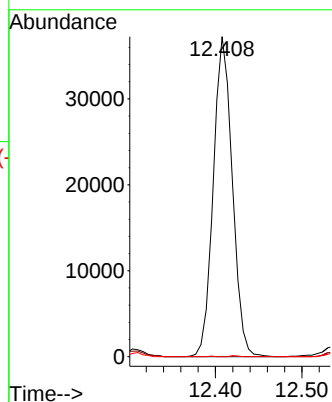
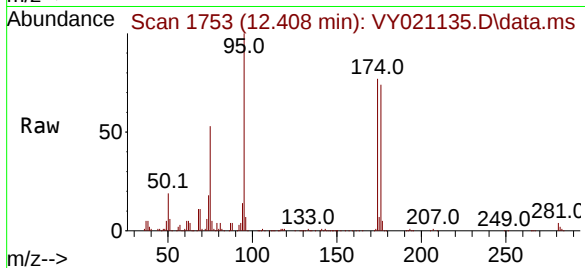




#81
trans-1,4-Dichloro-2-butene
Concen: 117.060 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

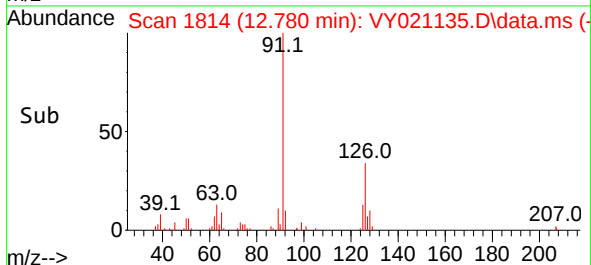
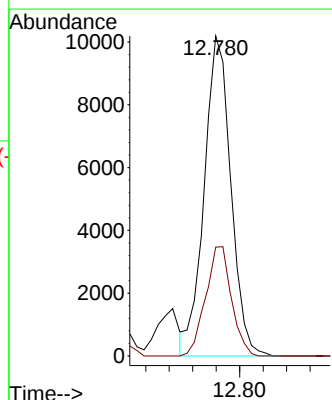
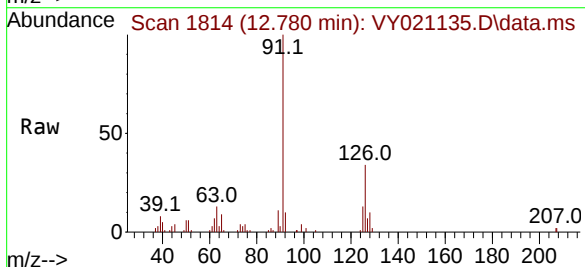
Instrument :
MSVOA_Y
ClientSampleId :
MDL

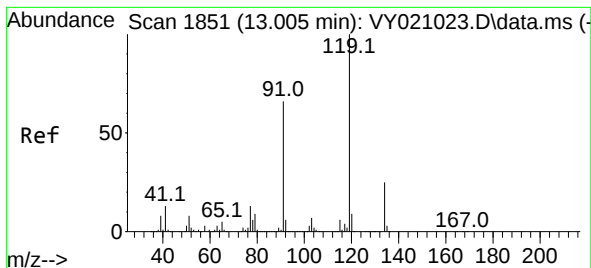
Tgt Ion: 75 Resp: 56775
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#



#82
4-Chlorotoluene
Concen: 2.711 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 91 Resp: 16058
Ion Ratio Lower Upper
91 100
126 33.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 2.422 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

MDL

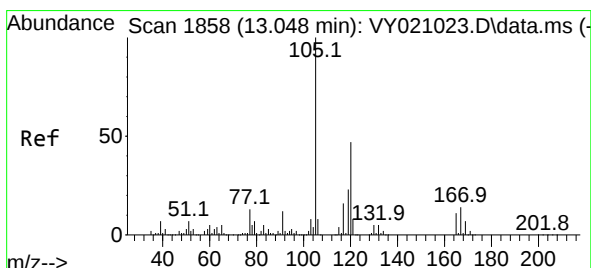
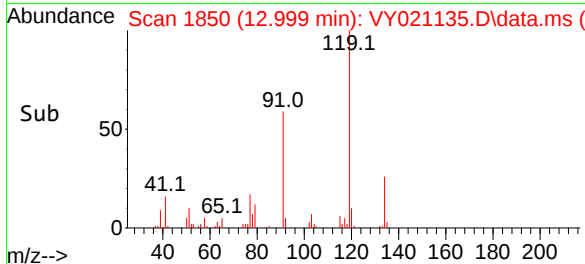
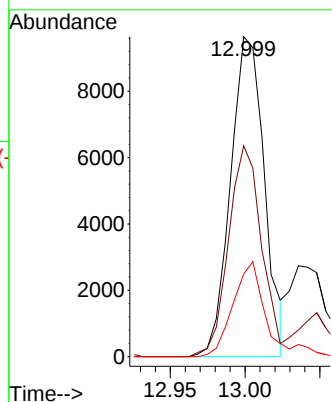
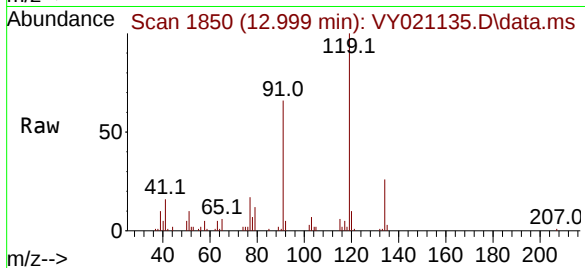
Tgt Ion:119 Resp: 15213

Ion Ratio Lower Upper

119 100

91 65.3 31.5 94.5

134 29.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 2.445 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY021135.D

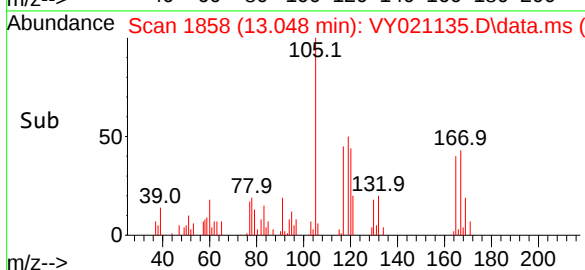
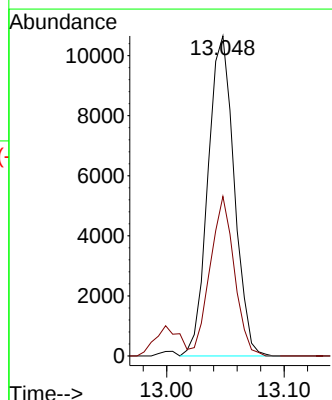
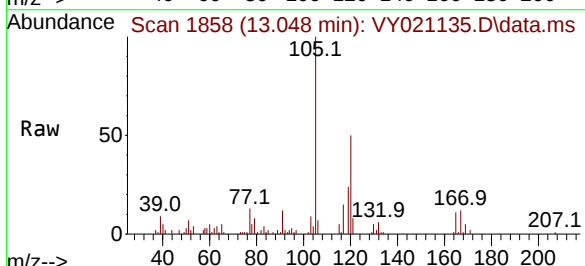
Acq: 07 Feb 2025 13:07

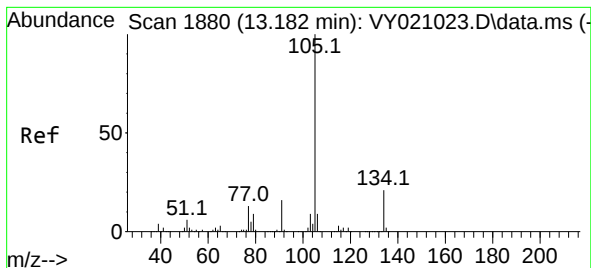
Tgt Ion:105 Resp: 16515

Ion Ratio Lower Upper

105 100

120 46.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 2.393 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

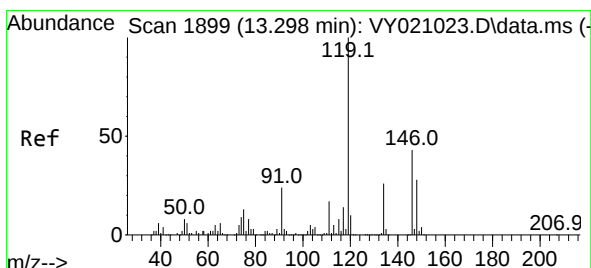
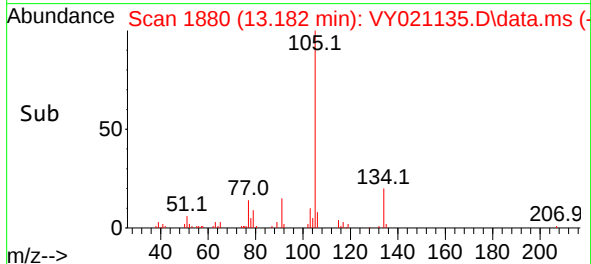
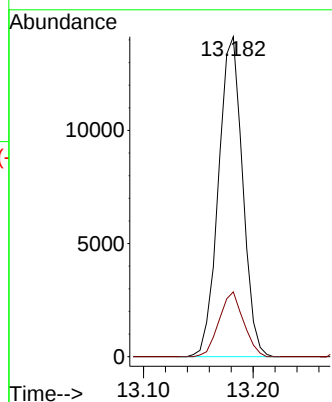
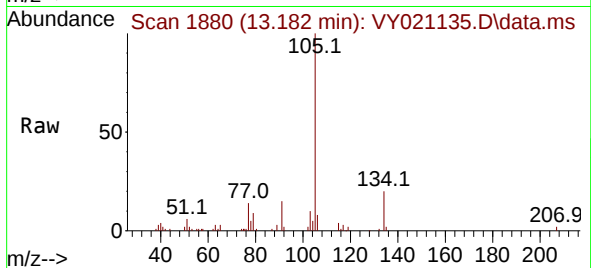
MDL

Tgt Ion:105 Resp: 21632

Ion Ratio Lower Upper

105 100

134 20.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 2.380 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

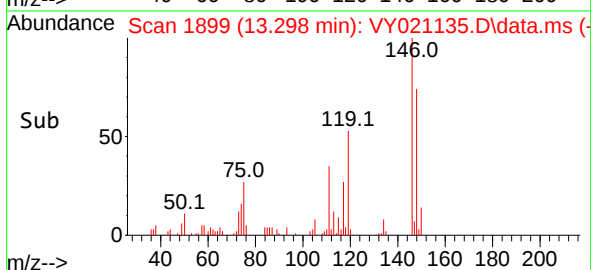
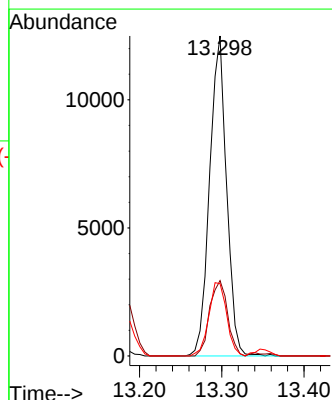
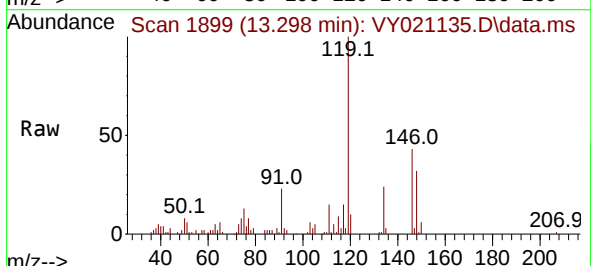
Tgt Ion:119 Resp: 17875

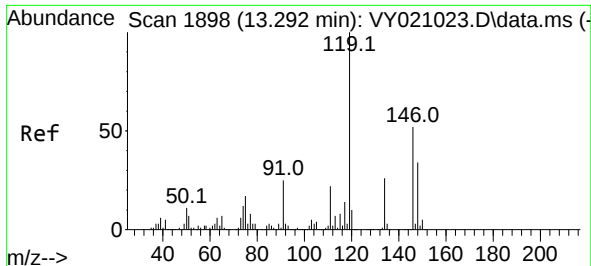
Ion Ratio Lower Upper

119 100

134 24.9 13.1 39.1

91 24.3 11.7 35.0

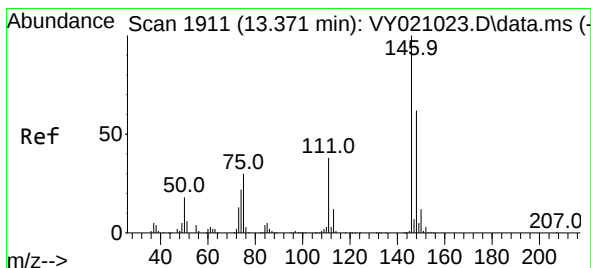
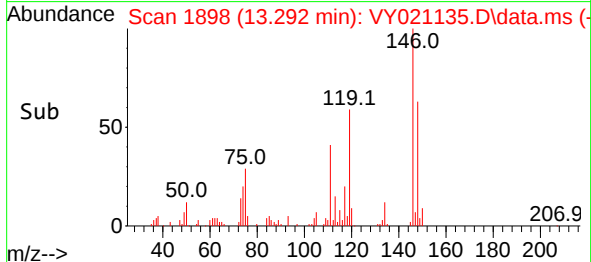
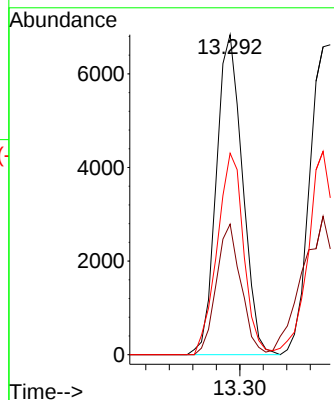
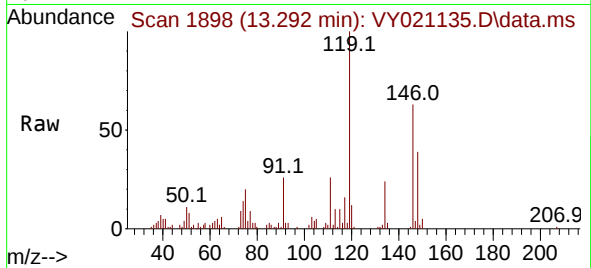




#87
1,3-Dichlorobenzene
Concen: 2.782 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

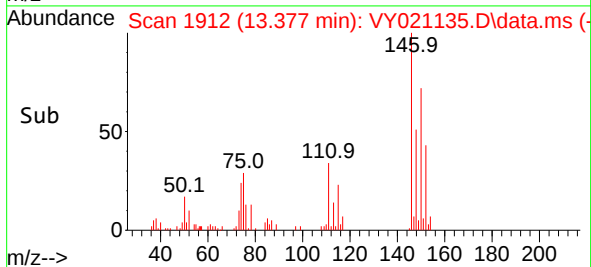
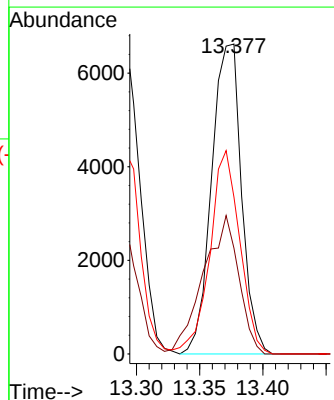
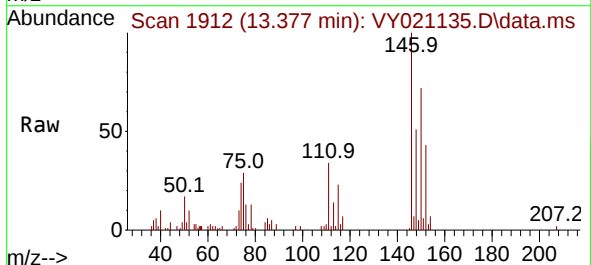
Instrument :
MSVOA_Y
ClientSampleId :
MDL

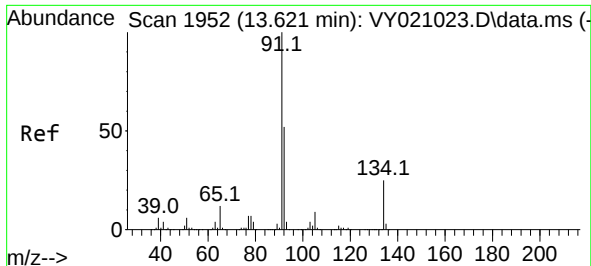
Tgt Ion:146 Resp: 10562
Ion Ratio Lower Upper
146 100
111 38.4 20.2 60.5
148 64.1 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 2.913 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion:146 Resp: 10890
Ion Ratio Lower Upper
146 100
111 52.8 19.3 57.9
148 65.4 31.6 94.7

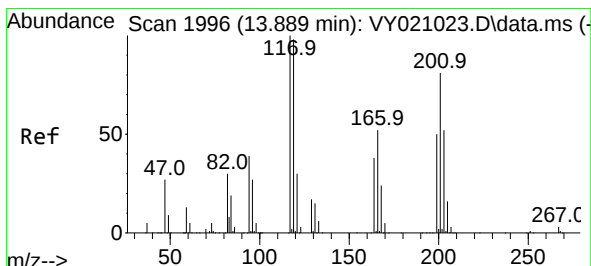
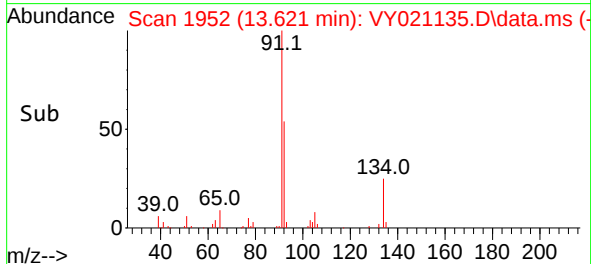
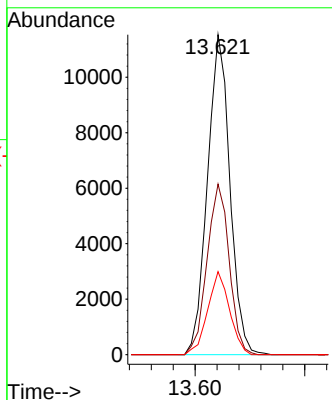
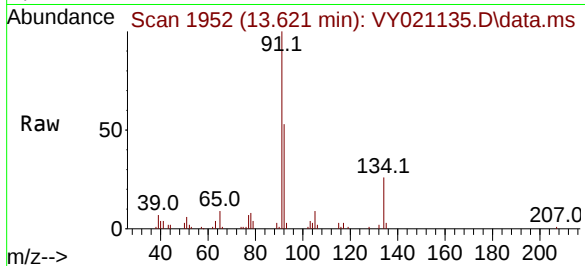




#89
n-Butylbenzene
Concen: 2.398 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

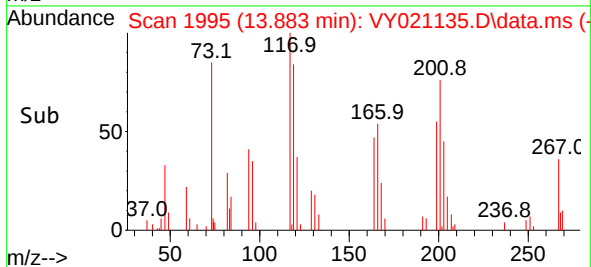
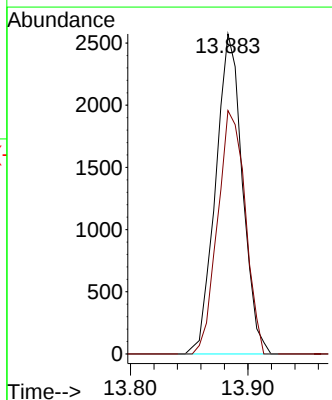
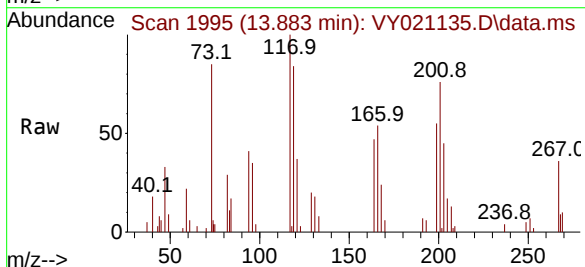
Instrument :
MSVOA_Y
ClientSampleId :
MDL

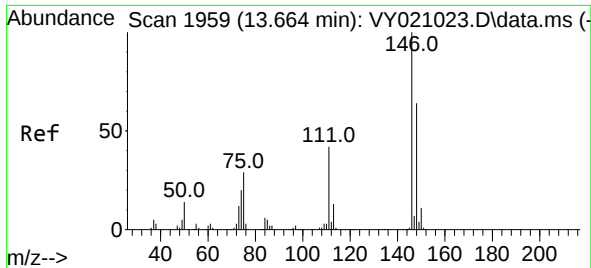
Tgt Ion:	91	Resp:	16425
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.4	79.2
134	25.2	12.3	36.8



#90
Hexachloroethane
Concen: 2.604 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion:	117	Resp:	4079
Ion	Ratio	Lower	Upper
117	100		
201	78.4	33.4	100.1

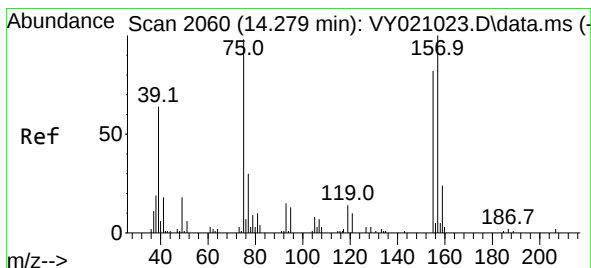
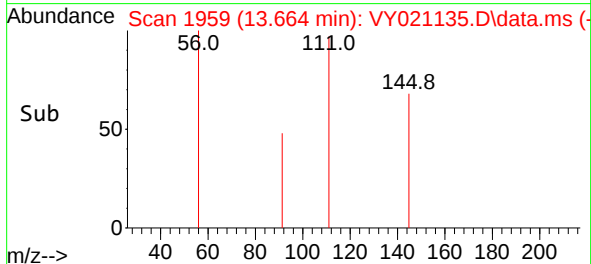
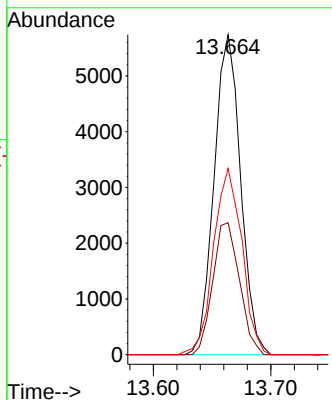
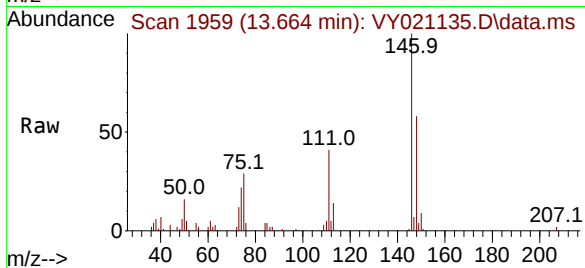




#91
1,2-Dichlorobenzene
Concen: 2.740 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

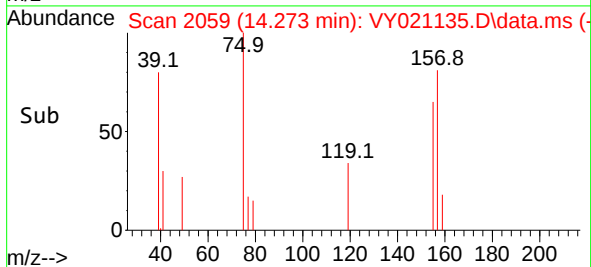
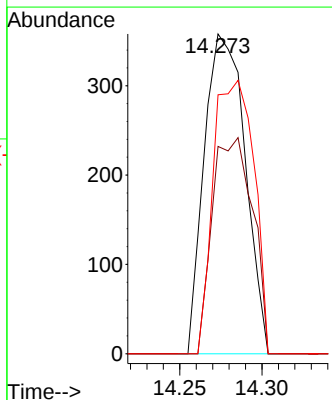
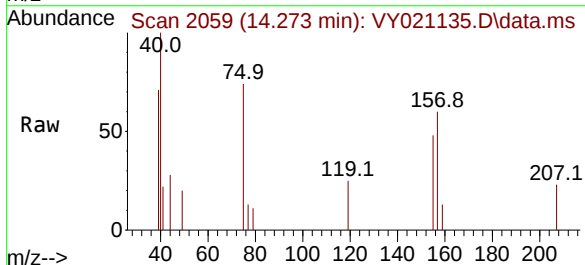
Instrument :
MSVOA_Y
ClientSampleId :
MDL

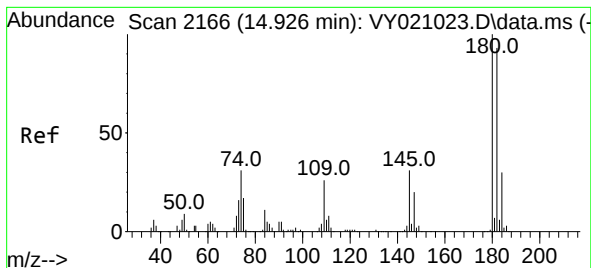
Tgt Ion:146 Resp: 9030
Ion Ratio Lower Upper
146 100
111 41.5 20.5 61.6
148 62.2 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.913 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021135.D
Acq: 07 Feb 2025 13:07

Tgt Ion: 75 Resp: 617
Ion Ratio Lower Upper
75 100
155 66.8 42.1 126.3
157 85.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 2.412 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

MDL

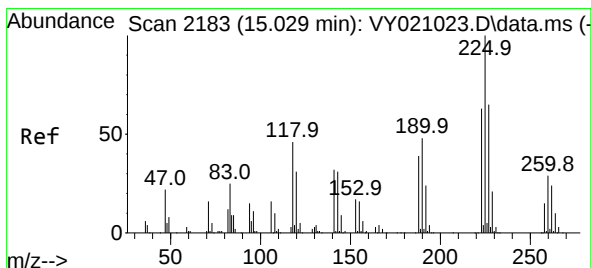
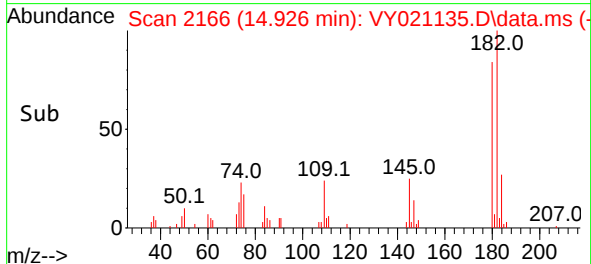
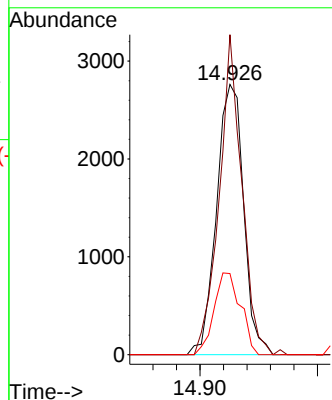
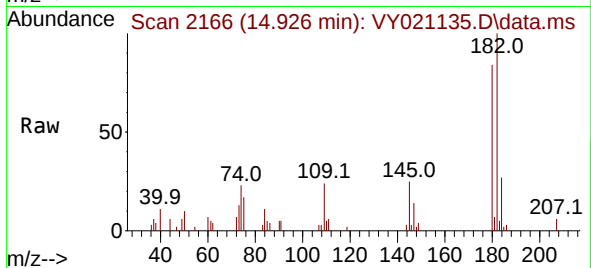
Tgt Ion:180 Resp: 4425

Ion Ratio Lower Upper

180 100

182 98.9 47.9 143.7

145 29.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 2.584 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

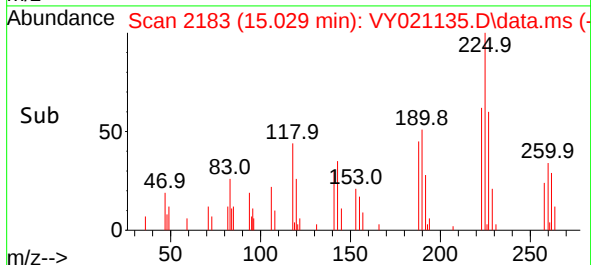
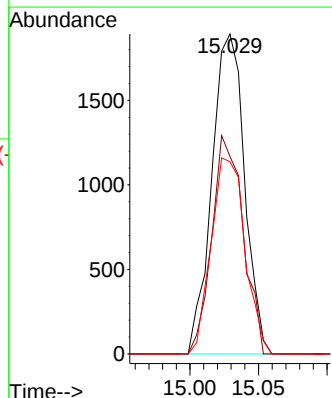
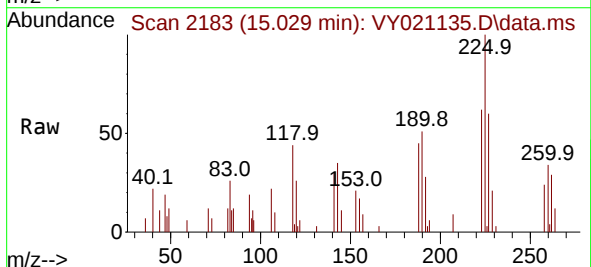
Tgt Ion:225 Resp: 3141

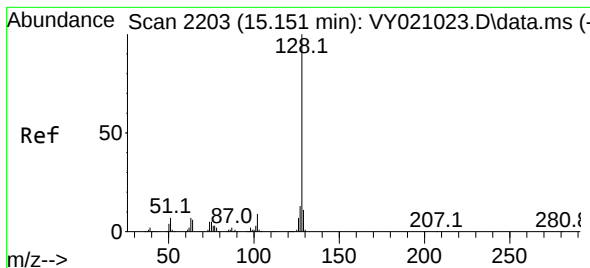
Ion Ratio Lower Upper

225 100

223 64.9 31.4 94.3

227 63.1 32.3 96.8





#95

Naphthalene

Concen: 2.355 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

MDL

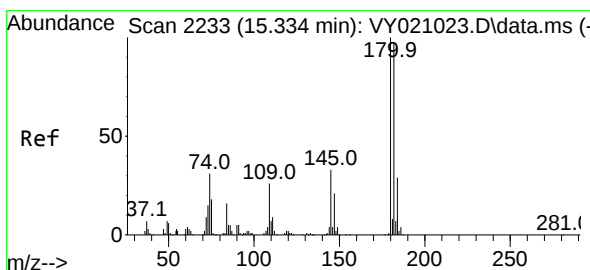
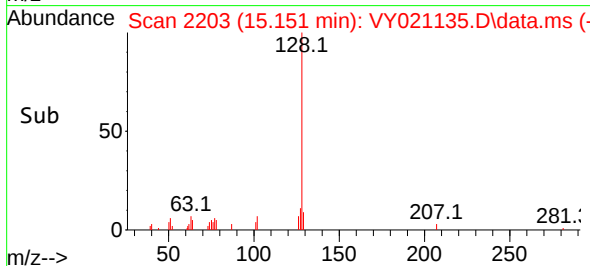
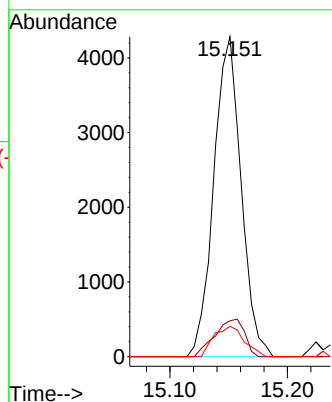
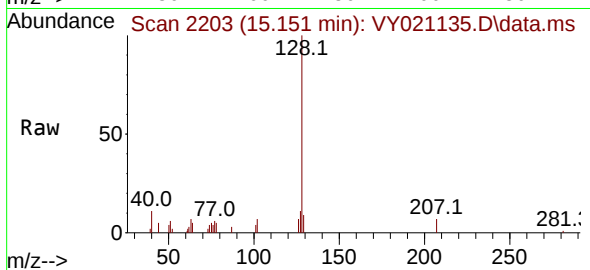
Tgt Ion:128 Resp: 6912

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.5 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 2.412 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021135.D

Acq: 07 Feb 2025 13:07

Tgt Ion:180 Resp: 3683

Ion Ratio Lower Upper

180 100

182 98.4 46.3 138.8

145 32.4 16.1 48.2

