

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021020.D
 Acq On : 03 Feb 2025 10:35
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 03 12:37:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 12:36:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	185671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	293189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	242257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	113107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	10514	6.651	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	13.300%#
35) Dibromofluoromethane	7.640	113	10294	5.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.680%#
50) Toluene-d8	10.115	98	37973	5.520	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	11.040%#
62) 4-Bromofluorobenzene	12.414	95	12237	5.301	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	10.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	9330	5.910	ug/l	94
3) Chloromethane	2.080	50	9736	9.700	ug/l	98
4) Vinyl Chloride	2.214	62	9942	9.607	ug/l	100
5) Bromomethane	2.611	94	6604	9.426	ug/l	92
6) Chloroethane	2.751	64	5863	9.698	ug/l	89
7) Trichlorofluoromethane	3.074	101	17163	6.872	ug/l	96
8) Diethyl Ether	3.470	74	5090	6.827	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.830	101	10891	6.476	ug/l	93
10) Methyl Iodide	4.019	142	9923	5.156	ug/l	97
11) Tert butyl alcohol	4.878	59	3893	33.712	ug/l #	73
12) 1,1-Dichloroethene	3.805	96	9831	6.255	ug/l	89
13) Acrolein	3.665	56	5116	38.472	ug/l	94
14) Allyl chloride	4.403	41	16131	7.456	ug/l	93
15) Acrylonitrile	5.086	53	10135	33.047	ug/l #	73
16) Acetone	3.891	43	8118	37.678	ug/l	99
17) Carbon Disulfide	4.123	76	31063	6.417	ug/l	99
18) Methyl Acetate	4.397	43	5577	7.397	ug/l	92
19) Methyl tert-butyl Ether	5.128	73	23603	6.452	ug/l	98
20) Methylene Chloride	4.635	84	10585	6.661	ug/l	94
21) trans-1,2-Dichloroethene	5.141	96	10724	6.364	ug/l	91
22) Diisopropyl ether	6.031	45	32323	7.329	ug/l	94
23) Vinyl Acetate	5.976	43	87000	35.621	ug/l	97
24) 1,1-Dichloroethane	5.933	63	20490	7.202	ug/l	96
25) 2-Butanone	6.915	43	12466	34.105	ug/l	93
26) 2,2-Dichloropropane	6.890	77	19144	6.834	ug/l	98
27) cis-1,2-Dichloroethene	6.909	96	12299	6.350	ug/l	93
28) Bromochloromethane	7.256	49	6919	6.527	ug/l	85
29) Tetrahydrofuran	7.281	42	8193	33.310	ug/l	92
30) Chloroform	7.439	83	20552	6.669	ug/l	96
31) Cyclohexane	7.713	56	20287	7.295	ug/l #	85
32) 1,1,1-Trichloroethane	7.628	97	19818	6.645	ug/l	97
36) 1,1-Dichloropropene	7.841	75	15667	6.231	ug/l	95
37) Ethyl Acetate	6.994	43	6383	6.809	ug/l #	74
38) Carbon Tetrachloride	7.829	117	17709	5.691	ug/l	99
39) Methylcyclohexane	9.116	83	17860	5.287	ug/l	93
40) Benzene	8.091	78	44324	5.991	ug/l	98

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Instrument :
 MSVOA_Y
 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.281	41	8572	16.526	ug/l #	21
42) 1,2-Dichloroethane	8.164	62	12762	6.801	ug/l	98
43) Isopropyl Acetate	8.207	43	11839	6.321	ug/l #	86
44) Trichloroethene	8.878	130	11751	5.756	ug/l	93
45) 1,2-Dichloropropane	9.146	63	10477	6.318	ug/l	99
46) Dibromomethane	9.244	93	5885	6.098	ug/l	91
47) Bromodichloromethane	9.433	83	15477	6.107	ug/l	94
48) Methyl methacrylate	9.231	41	5280	5.922	ug/l	93
49) 1,4-Dioxane	9.250	88	940	91.663	ug/l #	93
51) 4-Methyl-2-Pentanone	10.006	43	29573	30.730	ug/l	91
52) Toluene	10.182	92	26760	5.572	ug/l	96
53) t-1,3-Dichloropropene	10.402	75	12933	5.639	ug/l	97
54) cis-1,3-Dichloropropene	9.865	75	15488	5.650	ug/l #	90
55) 1,1,2-Trichloroethane	10.579	97	7651	5.961	ug/l	92
56) Ethyl methacrylate	10.451	69	8418	5.018	ug/l #	82
57) 1,3-Dichloropropane	10.725	76	12714	5.845	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	21035	29.542	ug/l	95
59) 2-Hexanone	10.774	43	18159	29.030	ug/l	90
60) Dibromochloromethane	10.920	129	10511	5.744	ug/l	96
61) 1,2-Dibromoethane	11.024	107	6810	5.555	ug/l	96
64) Tetrachloroethene	10.652	164	9915	5.426	ug/l	96
65) Chlorobenzene	11.450	112	29973	5.872	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	10524	5.810	ug/l	98
67) Ethyl Benzene	11.530	91	50904	5.760	ug/l	97
68) m/p-Xylenes	11.639	106	37399	11.015	ug/l	98
69) o-Xylene	11.963	106	17519	5.550	ug/l	99
70) Styrene	11.981	104	27946	5.333	ug/l	99
71) Bromoform	12.145	173	5607	5.252	ug/l #	97
73) Isopropylbenzene	12.261	105	46625	5.869	ug/l	100
74) N-amyl acetate	12.085	43	8887	6.144	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.517	83	8001	6.240	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	10605	11.844	ug/l #	100
77) Bromobenzene	12.542	156	10698	5.680	ug/l	90
78) n-propylbenzene	12.603	91	54990	5.907	ug/l	99
79) 2-Chlorotoluene	12.688	91	32479	6.123	ug/l	99
80) 1,3,5-Trimethylbenzene	12.749	105	37564	5.772	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	2446	5.671	ug/l	92
82) 4-Chlorotoluene	12.786	91	32824	6.046	ug/l	99
83) tert-Butylbenzene	13.005	119	33572	5.562	ug/l	95
84) 1,2,4-Trimethylbenzene	13.054	105	36016	5.665	ug/l	100
85) sec-Butylbenzene	13.188	105	49828	5.831	ug/l	99
86) p-Isopropyltoluene	13.304	119	40197	5.597	ug/l	98
87) 1,3-Dichlorobenzene	13.298	146	21910	5.966	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	21553	5.910	ug/l	95
89) n-Butylbenzene	13.627	91	36214	5.630	ug/l	96
90) Hexachloroethane	13.895	117	8559	5.891	ug/l	98
91) 1,2-Dichlorobenzene	13.670	146	18869	5.892	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	1125	5.699	ug/l	82
93) 1,2,4-Trichlorobenzene	14.932	180	9000	4.590	ug/l	98
94) Hexachlorobutadiene	15.035	225	6792	5.001	ug/l	99
95) Naphthalene	15.157	128	12124	3.847	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	7255	4.375	ug/l	95

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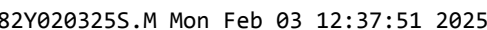
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MSVOA_Y
ClientSampleId :
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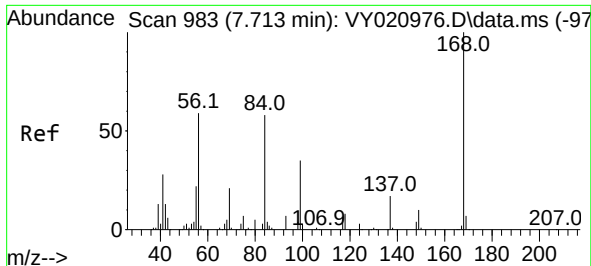
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Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

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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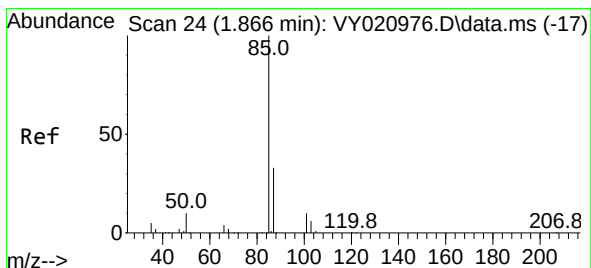
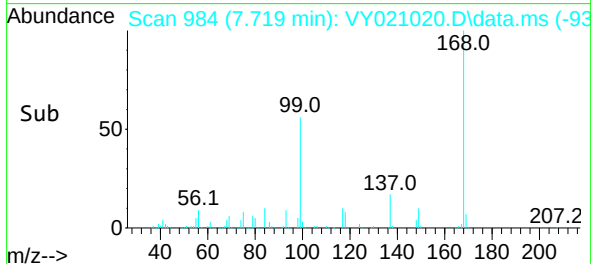
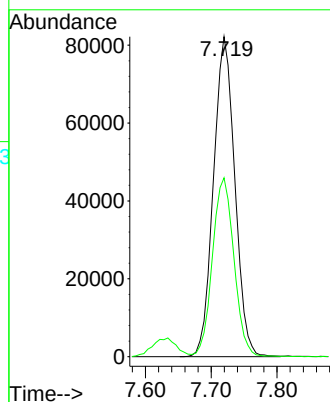
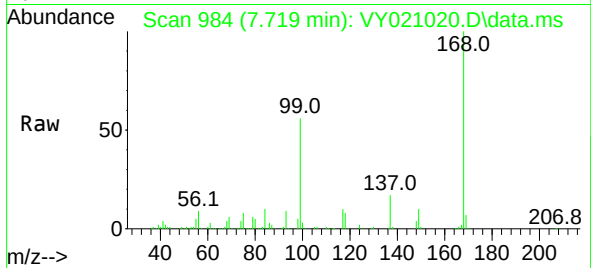




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021020.D
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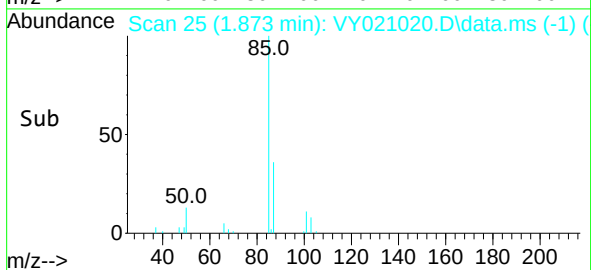
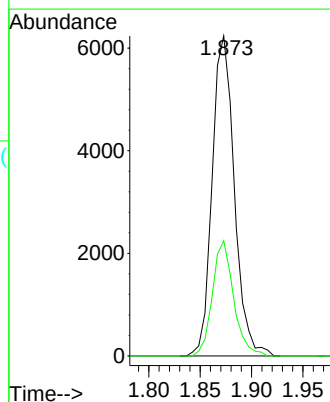
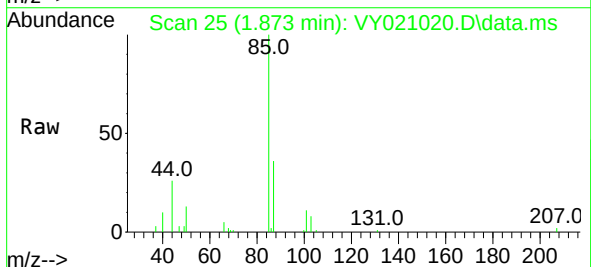
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

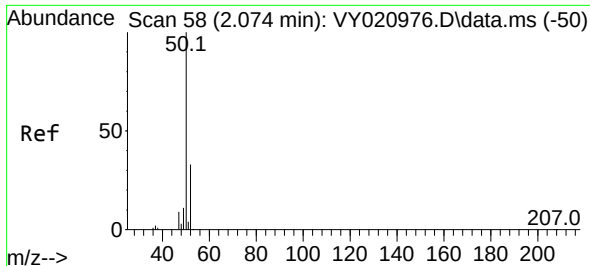
Tgt Ion:168 Resp: 185671
Ion Ratio Lower Upper
168 100
99 55.8 42.2 63.2



#2
Dichlorodifluoromethane
Concen: 5.910 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 85 Resp: 9330
Ion Ratio Lower Upper
85 100
87 36.0 16.3 48.9

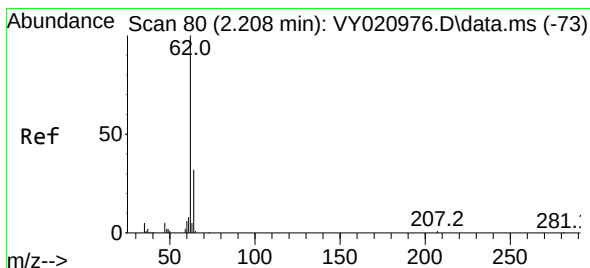
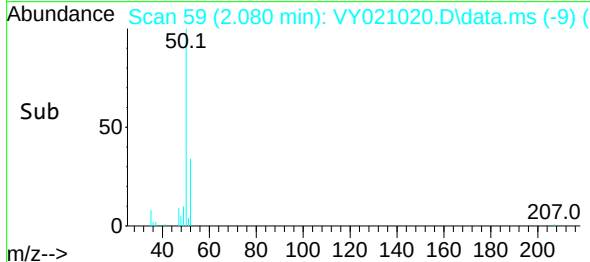
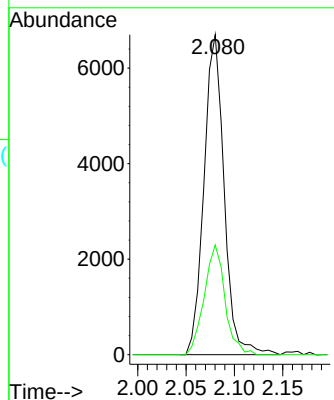
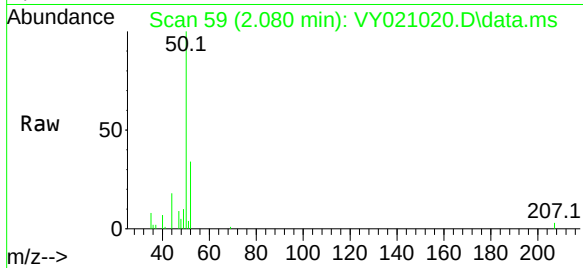




#3
Chloromethane
Concen: 9.700 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

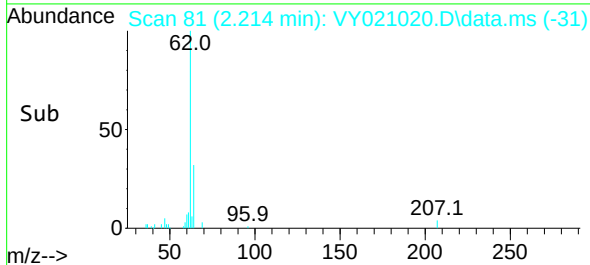
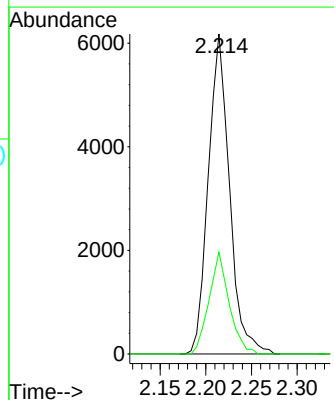
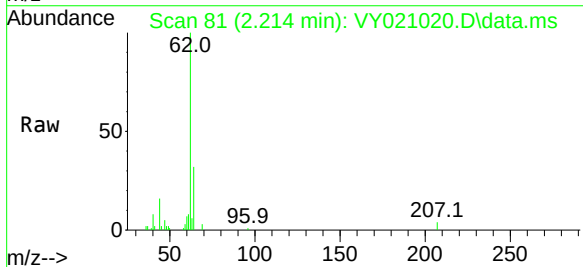
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ClientSampleId :
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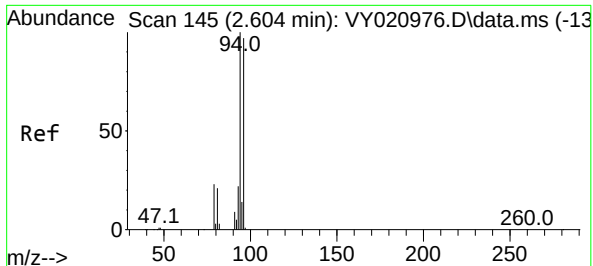
Tgt Ion: 50 Resp: 9736
Ion Ratio Lower Upper
50 100
52 34.3 26.3 39.5



#4
Vinyl Chloride
Concen: 9.607 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 62 Resp: 9942
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.2

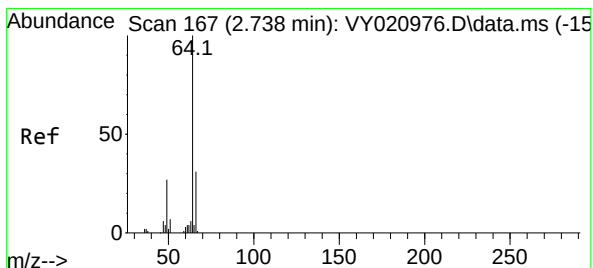
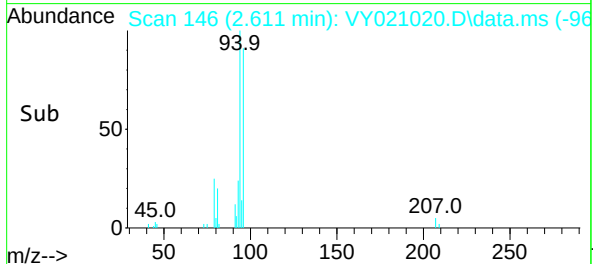
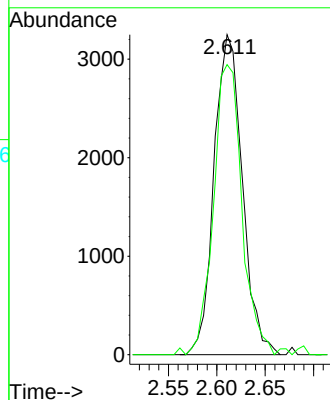
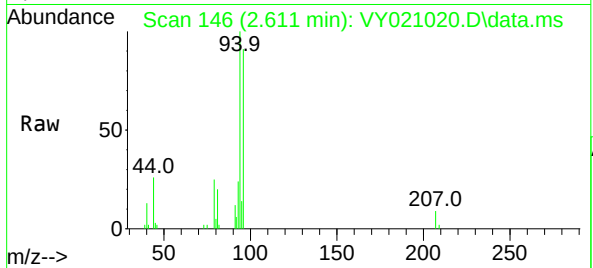




#5
Bromomethane
Concen: 9.426 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

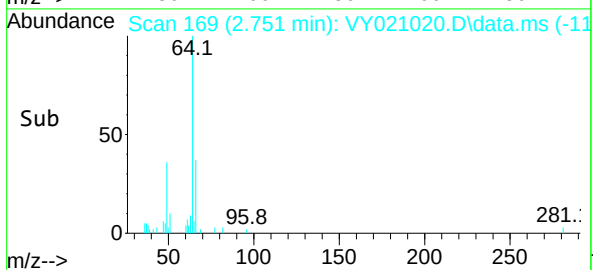
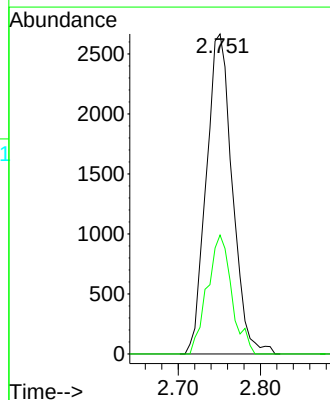
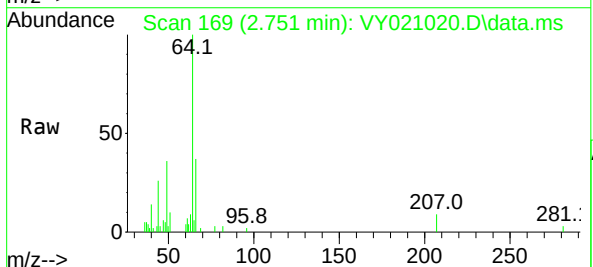
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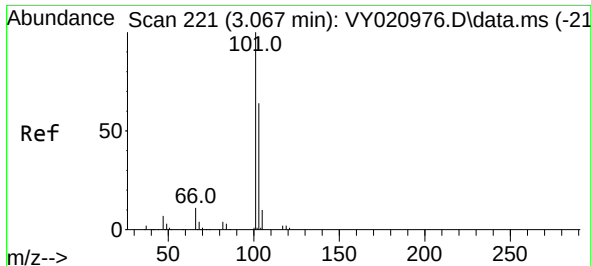
Tgt Ion: 94 Resp: 6604
Ion Ratio Lower Upper
94 100
96 88.9 77.4 116.0



#6
Chloroethane
Concen: 9.698 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 64 Resp: 5863
Ion Ratio Lower Upper
64 100
66 37.1 25.0 37.4

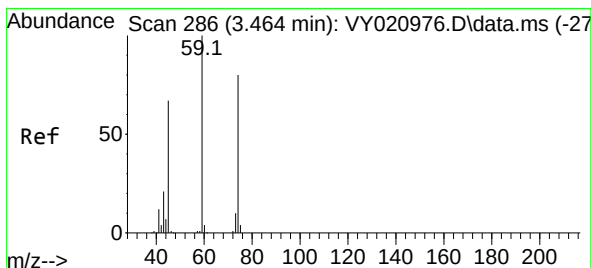
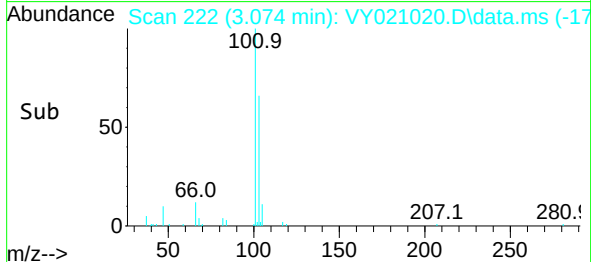
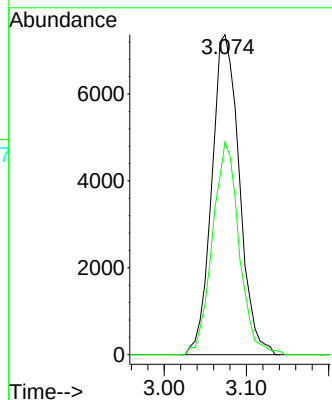
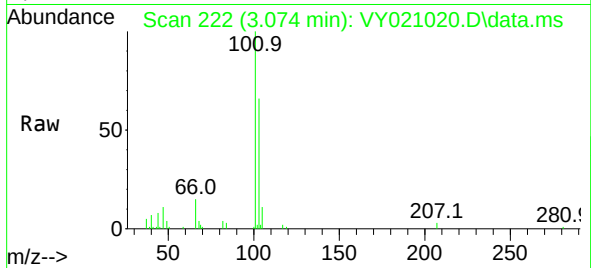




#7
 Trichlorofluoromethane
 Concen: 6.872 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY021020.D
 Acq: 03 Feb 2025 10:35

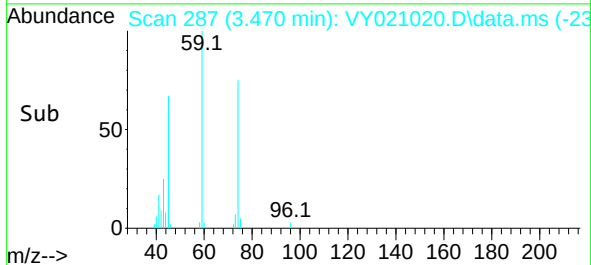
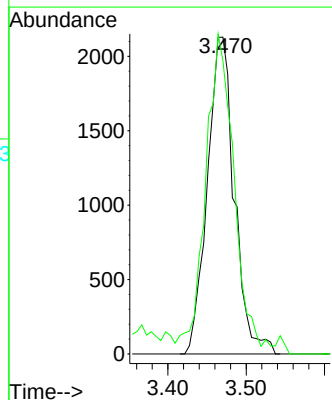
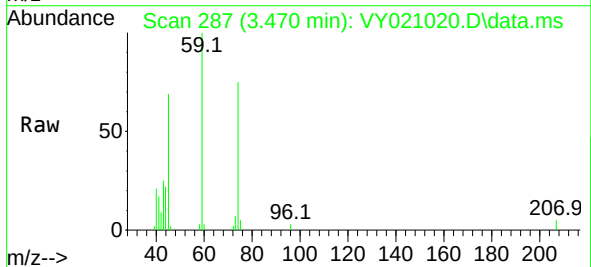
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 ClientSampleId :
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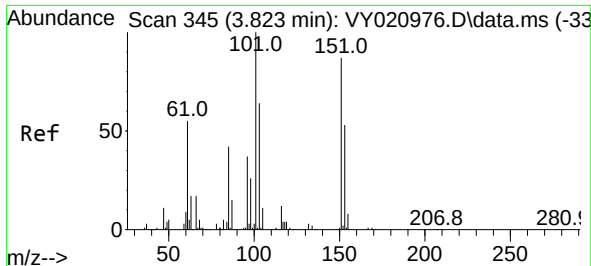
Tgt Ion:101 Resp: 17163
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.9 76.3



#8
 Diethyl Ether
 Concen: 6.827 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. 0.006 min
 Lab File: VY021020.D
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Tgt Ion: 74 Resp: 5090
 Ion Ratio Lower Upper
 74 100
 45 107.1 43.4 130.2

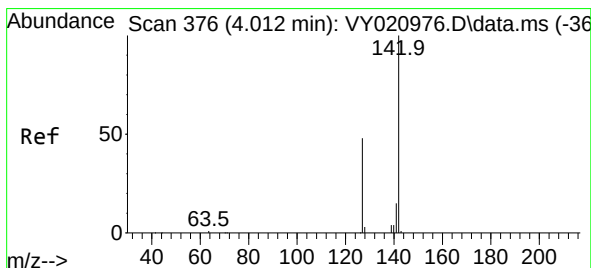
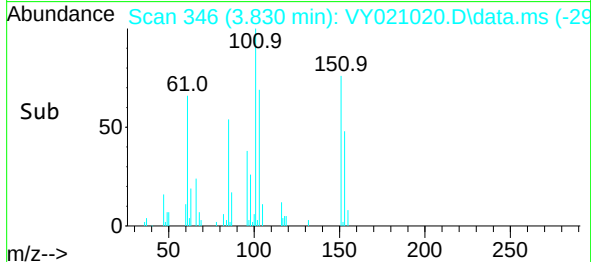
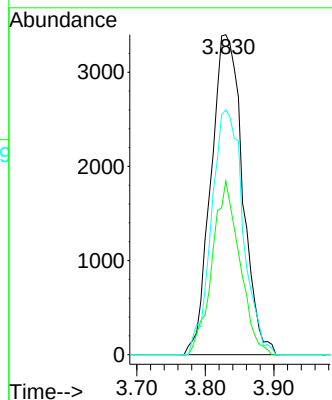
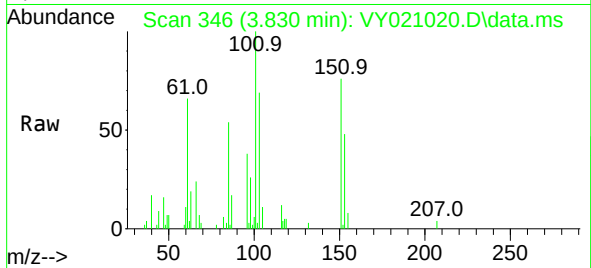




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.476 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY021020.D
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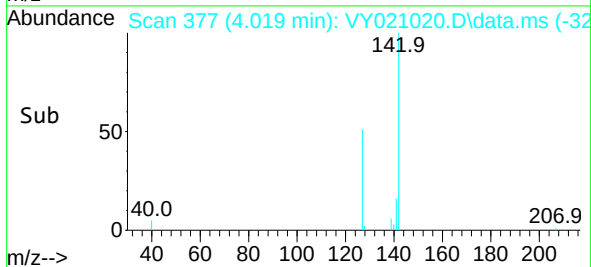
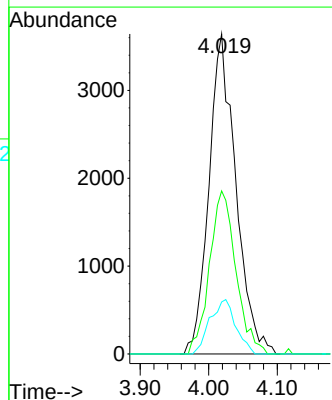
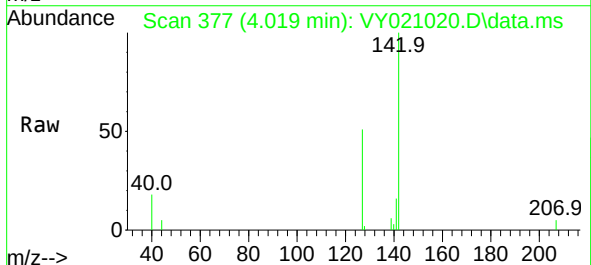
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

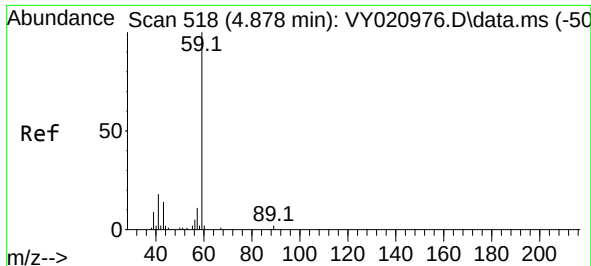
Tgt Ion:101 Resp: 10891
Ion Ratio Lower Upper
101 100
85 47.3 34.9 52.3
151 76.2 66.8 100.2



#10
Methyl Iodide
Concen: 5.156 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:142 Resp: 9923
Ion Ratio Lower Upper
142 100
127 50.1 38.9 58.3
141 16.3 11.7 17.5

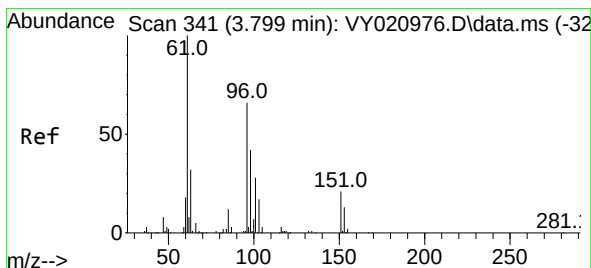
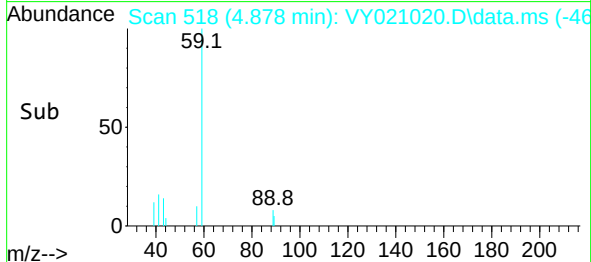
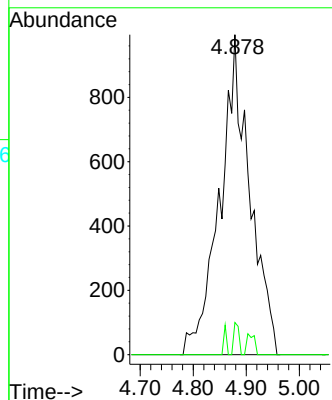
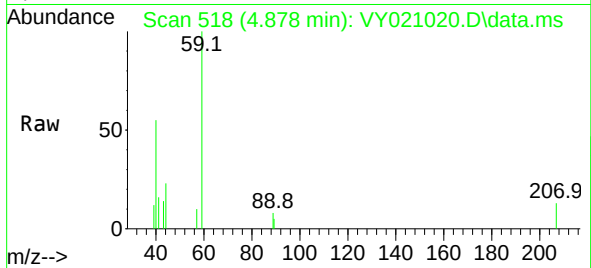




#11
Tert butyl alcohol
Concen: 33.712 ug/l
RT: 4.878 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

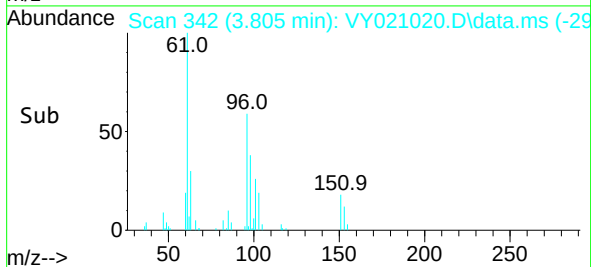
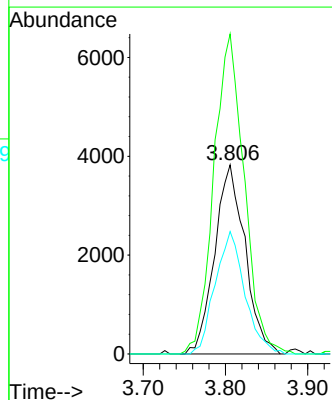
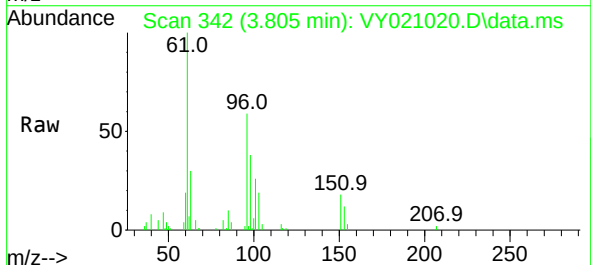
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

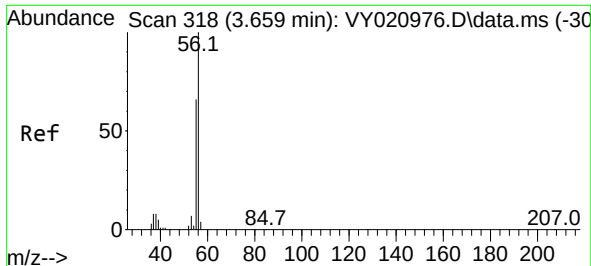
Tgt Ion: 59 Resp: 3893
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 6.255 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 96 Resp: 9831
Ion Ratio Lower Upper
96 100
61 169.2 120.8 181.2
98 64.7 50.6 76.0





#13

Acrolein

Concen: 38.472 ug/l

RT: 3.665 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

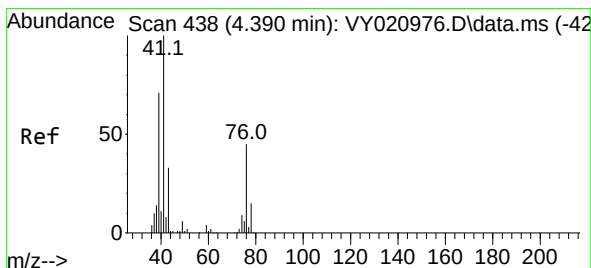
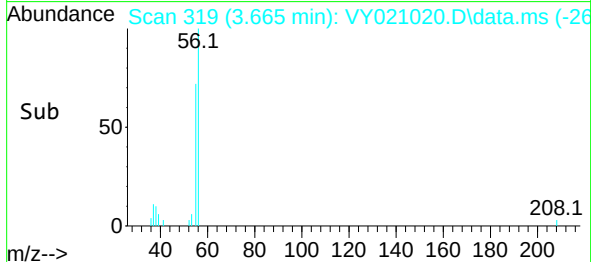
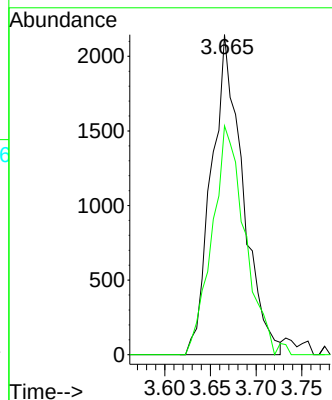
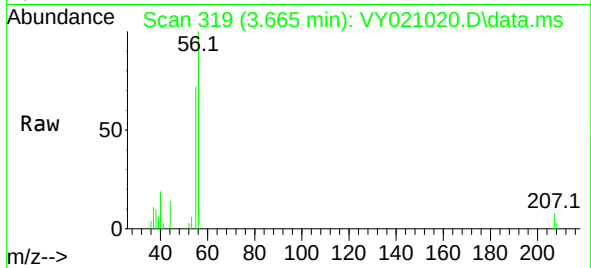
VSTDIC005

Tgt Ion: 56 Resp: 5116

Ion Ratio Lower Upper

56 100

55 75.4 56.1 84.1



#14

Allyl chloride

Concen: 7.456 ug/l

RT: 4.403 min Scan# 440

Delta R.T. 0.013 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

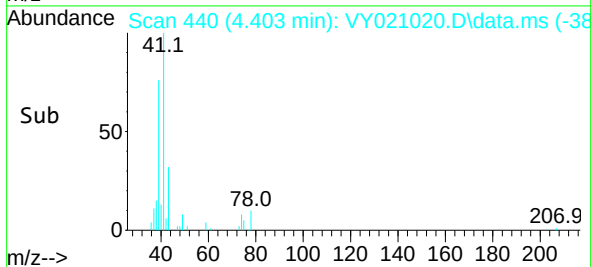
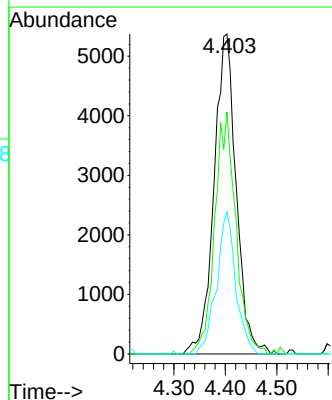
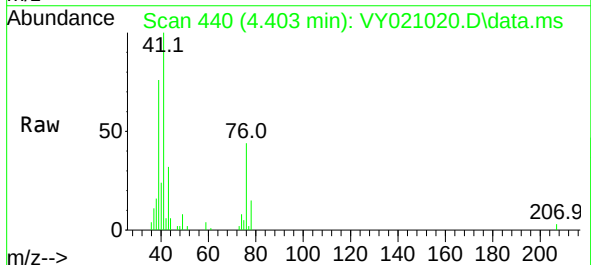
Tgt Ion: 41 Resp: 16131

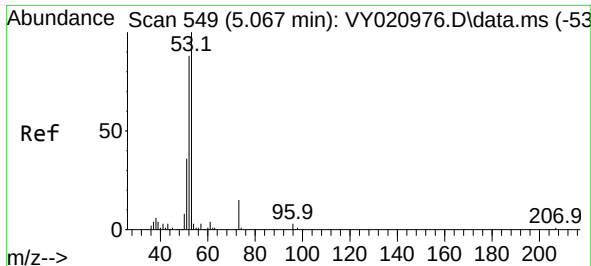
Ion Ratio Lower Upper

41 100

39 71.9 53.5 80.3

76 38.4 34.6 52.0

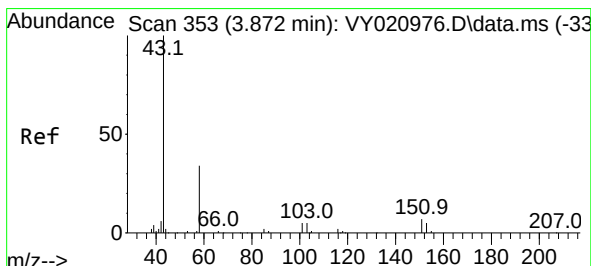
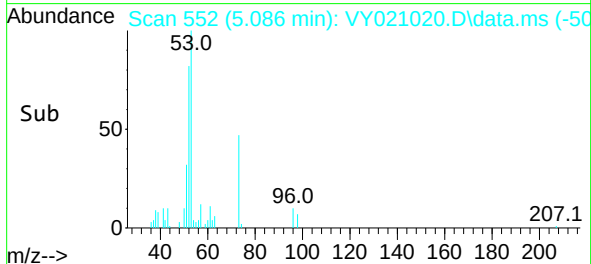
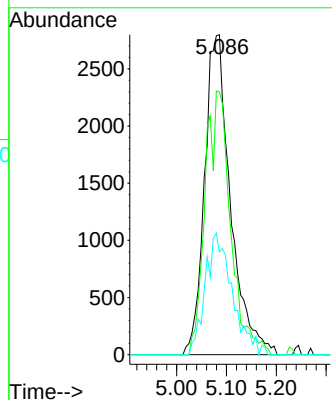
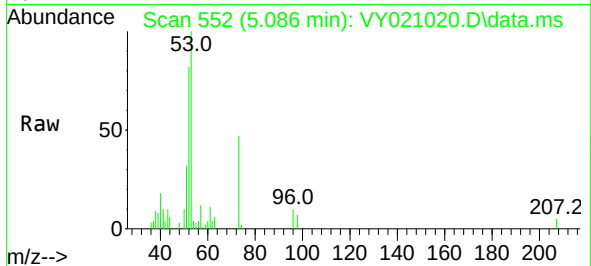




#15
Acrylonitrile
Concen: 33.047 ug/l
RT: 5.086 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

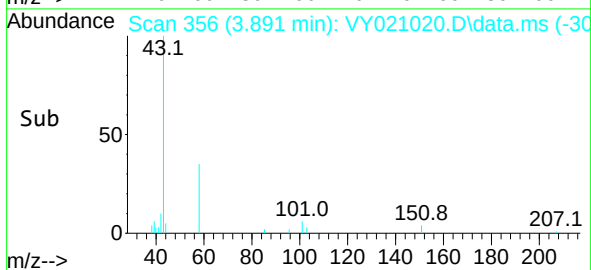
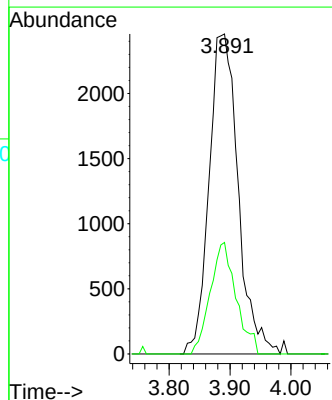
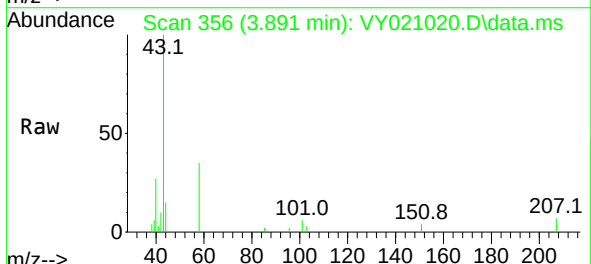
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

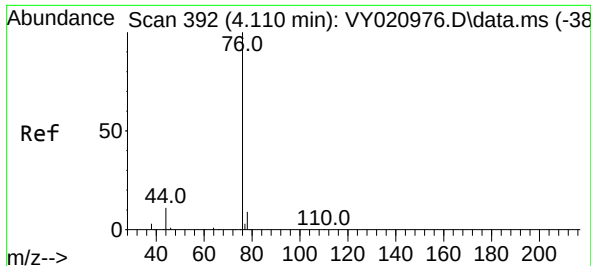
Tgt Ion: 53 Resp: 10135
Ion Ratio Lower Upper
53 100
52 50.1 66.2 99.4#
51 39.5 29.4 44.0



#16
Acetone
Concen: 37.678 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.019 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 43 Resp: 8118
Ion Ratio Lower Upper
43 100
58 34.8 28.4 42.6





#17

Carbon Disulfide

Concen: 6.417 ug/l

RT: 4.123 min Scan# 394

Delta R.T. 0.013 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

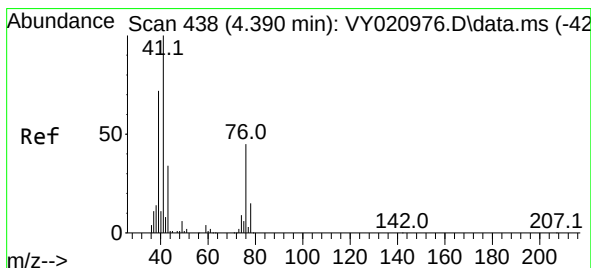
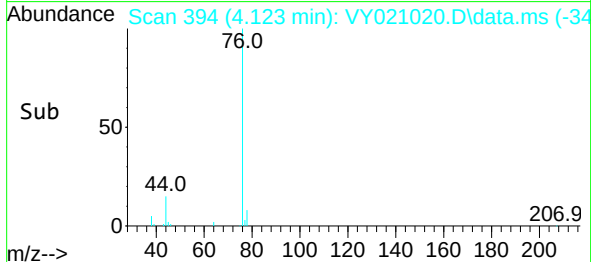
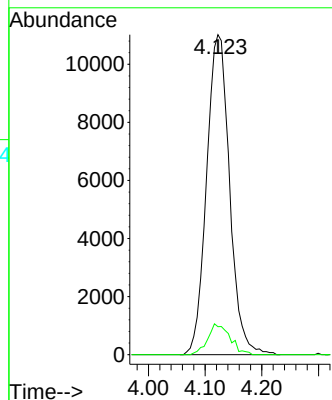
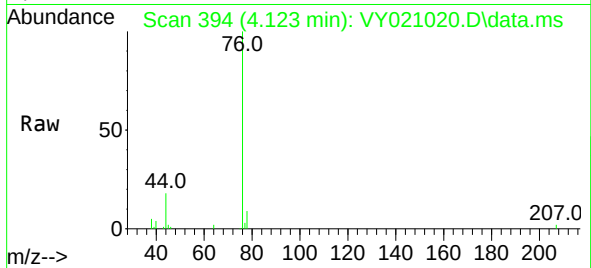
VSTDICC005

Tgt Ion: 76 Resp: 31063

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9



#18

Methyl Acetate

Concen: 7.397 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY021020.D

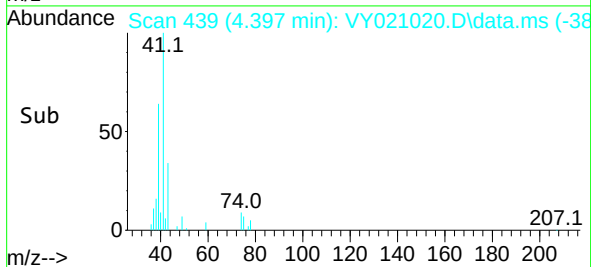
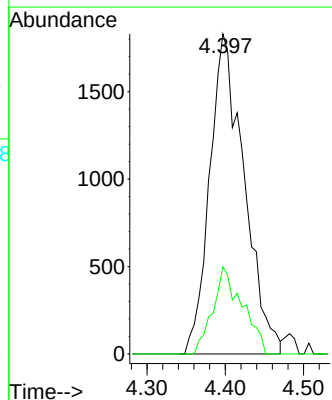
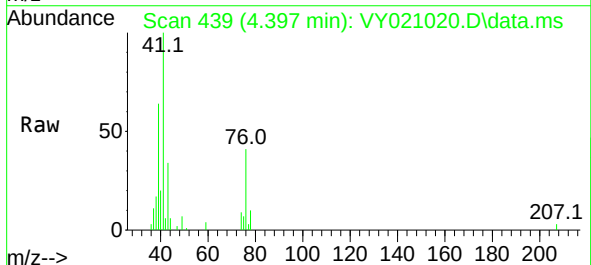
Acq: 03 Feb 2025 10:35

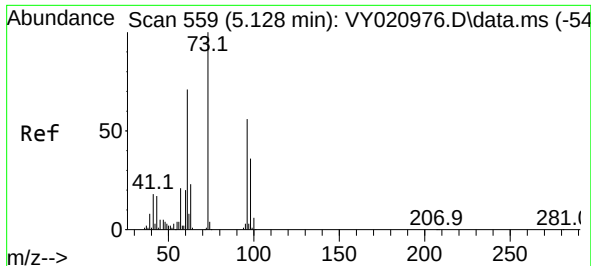
Tgt Ion: 43 Resp: 5577

Ion Ratio Lower Upper

43 100

74 23.4 22.2 33.4





#19

Methyl tert-butyl Ether

Concen: 6.452 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

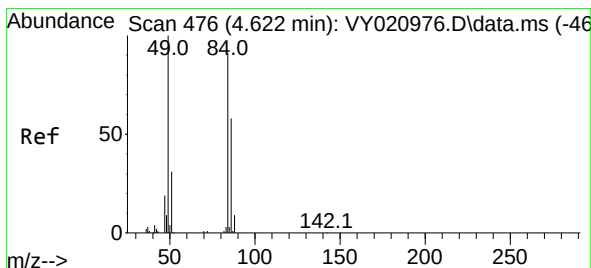
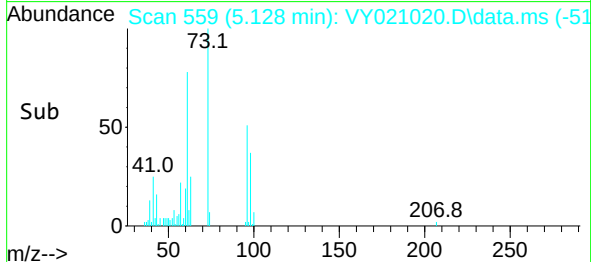
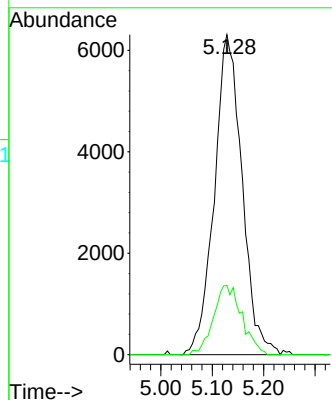
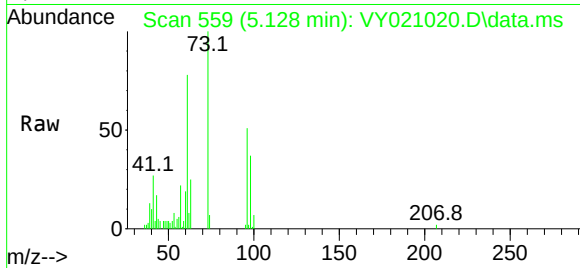
VSTDICC005

Tgt Ion: 73 Resp: 23603

Ion Ratio Lower Upper

73 100

57 21.6 16.6 25.0



#20

Methylene Chloride

Concen: 6.661 ug/l

RT: 4.635 min Scan# 478

Delta R.T. 0.013 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Tgt Ion: 84 Resp: 10585

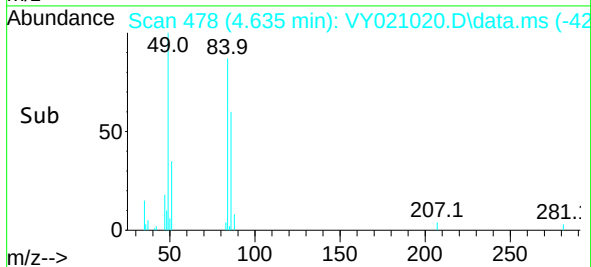
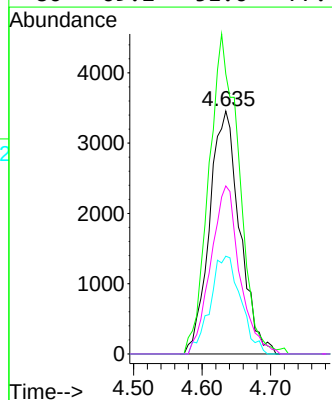
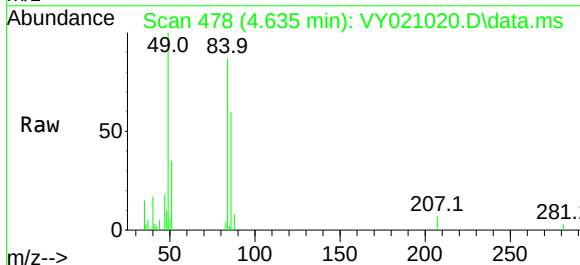
Ion Ratio Lower Upper

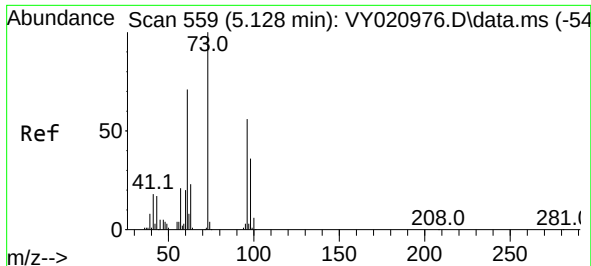
84 100

49 115.3 88.3 132.5

51 40.2 27.7 41.5

86 69.2 51.6 77.4

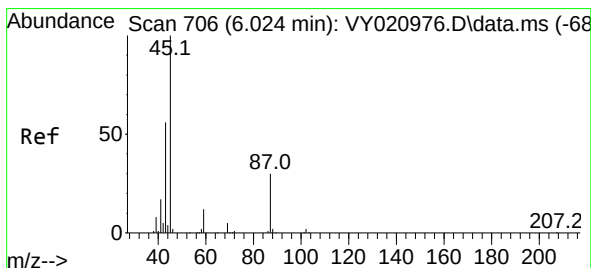
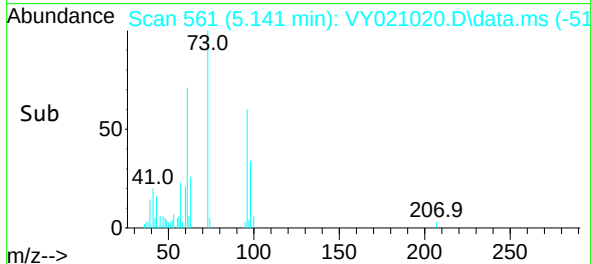
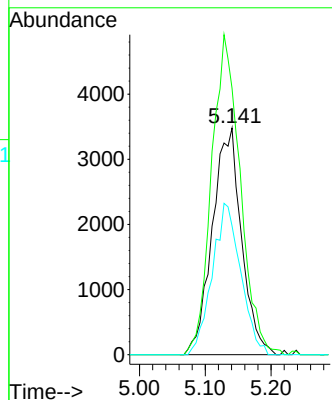
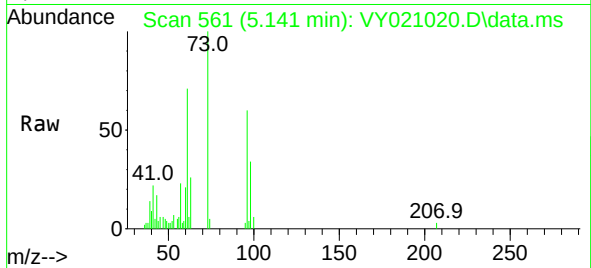




#21
trans-1,2-Dichloroethene
Concen: 6.364 ug/l
RT: 5.141 min Scan# 501
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

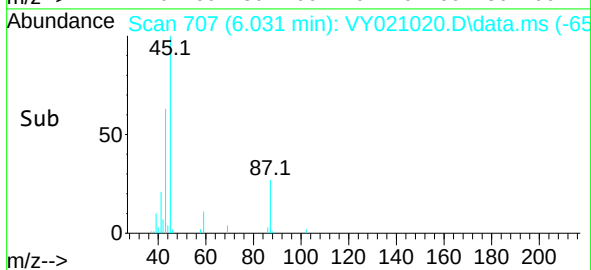
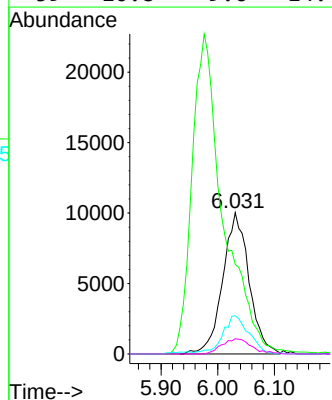
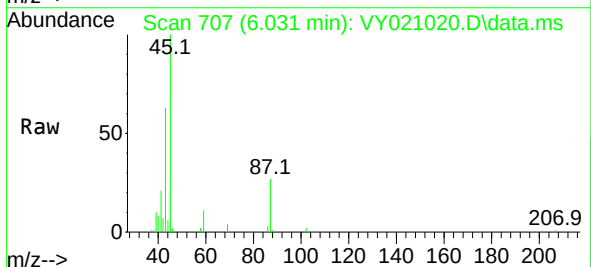
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

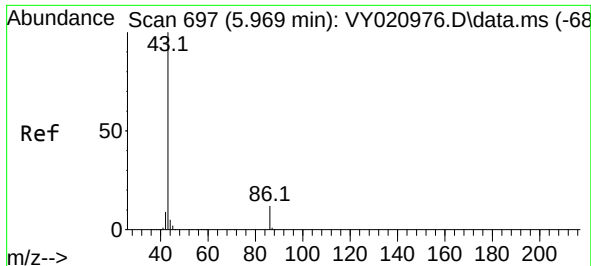
Tgt Ion: 96 Resp: 10724
Ion Ratio Lower Upper
96 100
61 117.6 101.5 152.3
98 56.8 52.0 78.0



#22
Diisopropyl ether
Concen: 7.329 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 45 Resp: 32323
Ion Ratio Lower Upper
45 100
43 60.4 45.1 67.7
87 26.3 25.0 37.4
59 10.8 9.6 14.4

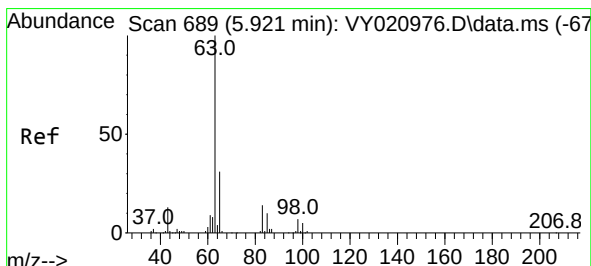
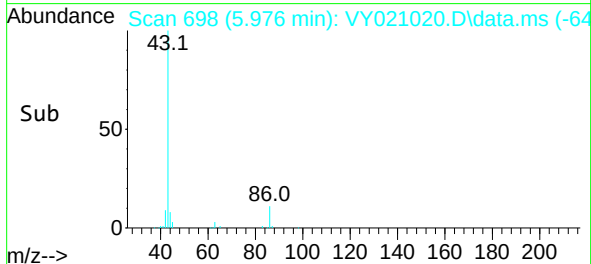
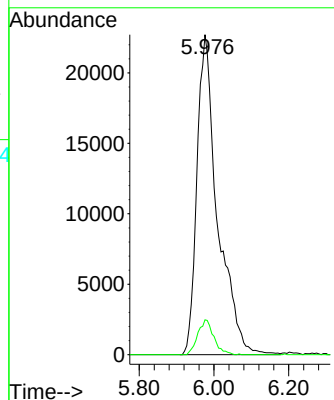
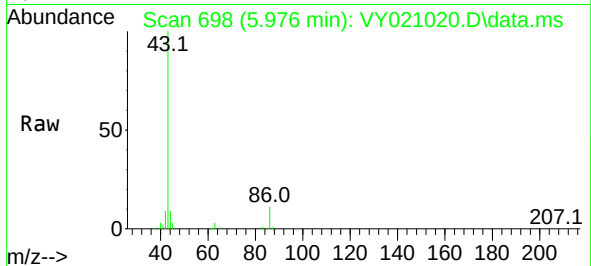




#23
 Vinyl Acetate
 Concen: 35.621 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY021020.D
 Acq: 03 Feb 2025 10:35

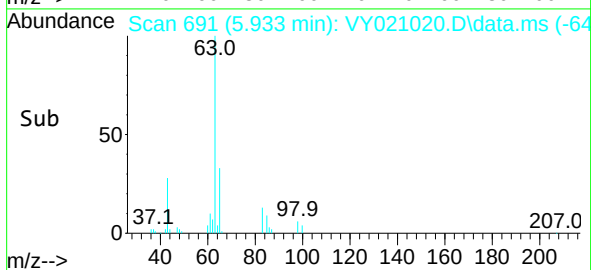
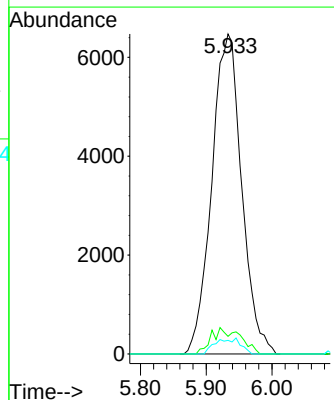
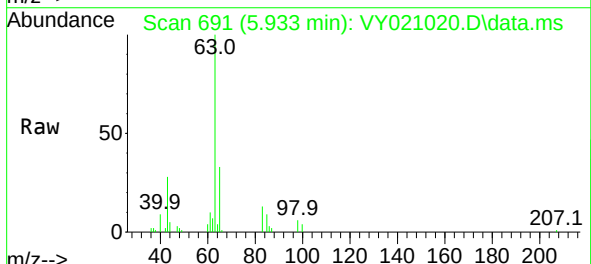
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

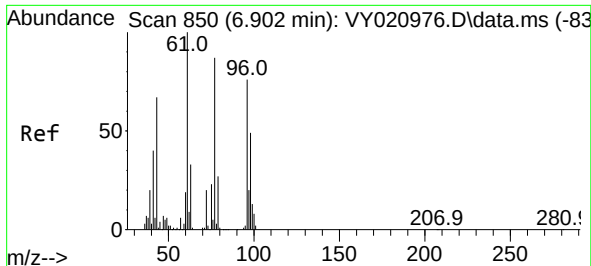
Tgt Ion: 43 Resp: 87000
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 7.202 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.013 min
 Lab File: VY021020.D
 Acq: 03 Feb 2025 10:35

Tgt Ion: 63 Resp: 20490
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.7 11.1
 100 4.3 2.4 7.2

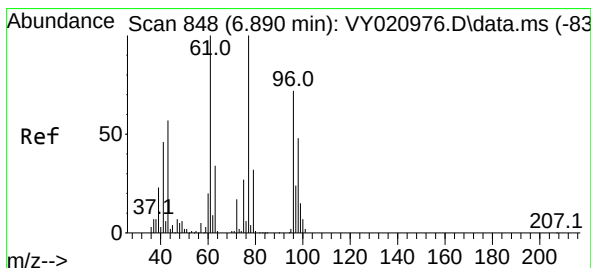
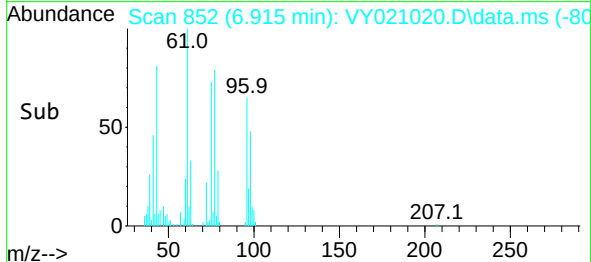
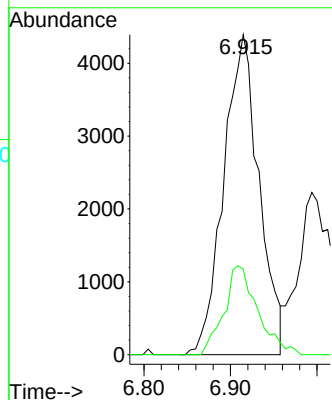
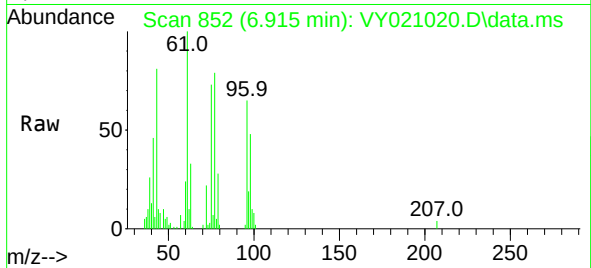




#25
2-Butanone
Concen: 34.105 ug/l
RT: 6.915 min Scan# 850
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

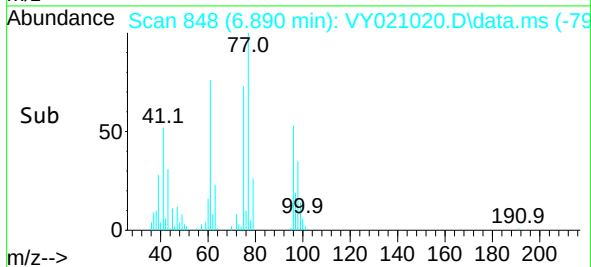
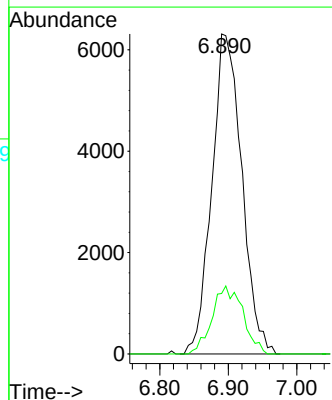
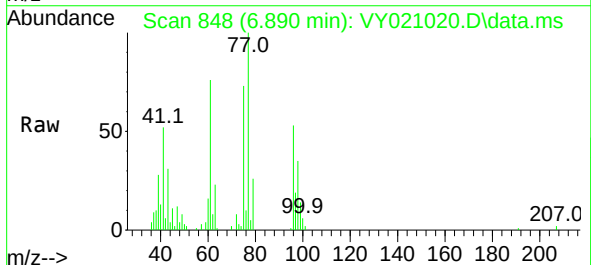
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

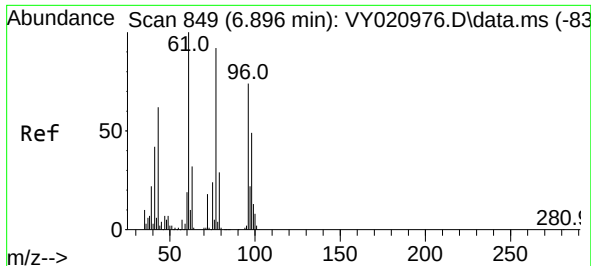
Tgt Ion: 43 Resp: 12466
Ion Ratio Lower Upper
43 100
72 26.7 24.3 36.5



#26
2,2-Dichloropropane
Concen: 6.834 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 77 Resp: 19144
Ion Ratio Lower Upper
77 100
97 21.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 6.350 ug/l

RT: 6.909 min Scan# 849

Delta R.T. 0.013 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

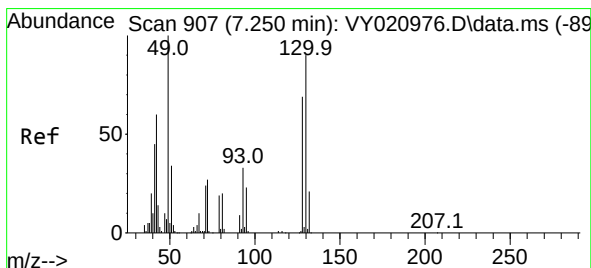
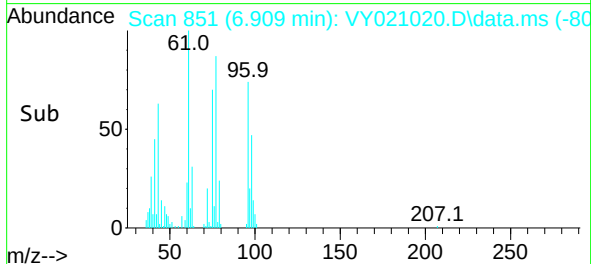
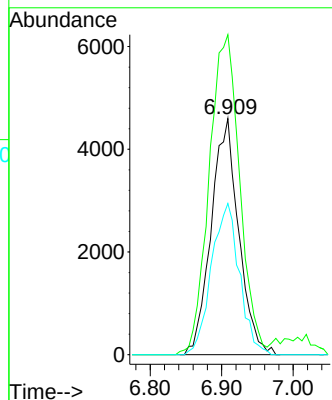
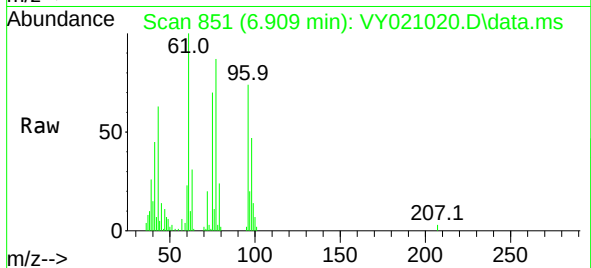
Tgt Ion: 96 Resp: 12299

Ion Ratio Lower Upper

96 100

61 150.2 0.0 274.0

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 6.527 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

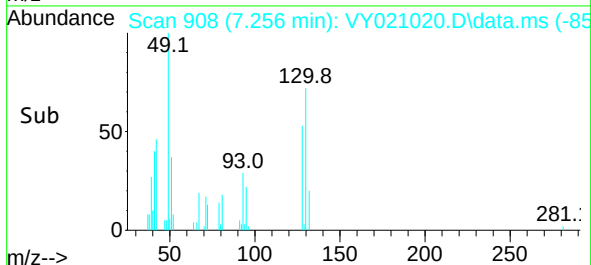
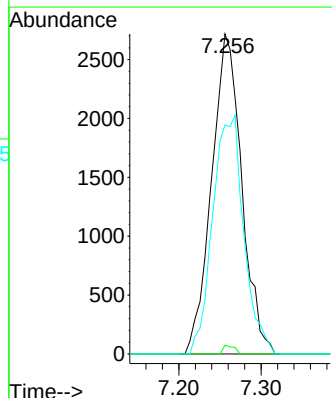
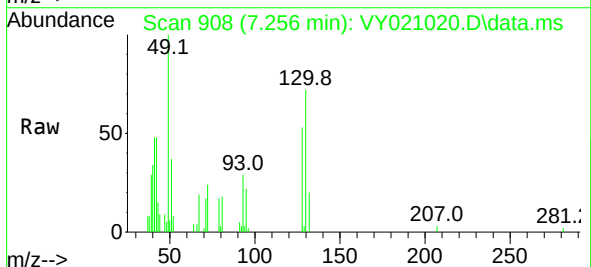
Tgt Ion: 49 Resp: 6919

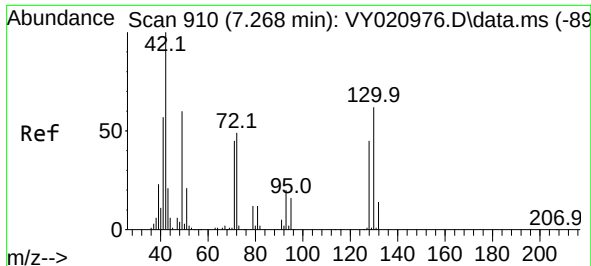
Ion Ratio Lower Upper

49 100

129 1.0 0.0 5.0

130 76.6 73.2 109.8





#29

Tetrahydrofuran

Concen: 33.310 ug/l

RT: 7.281 min Scan# 910

Delta R.T. 0.013 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

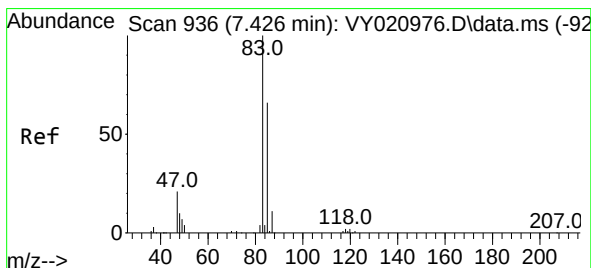
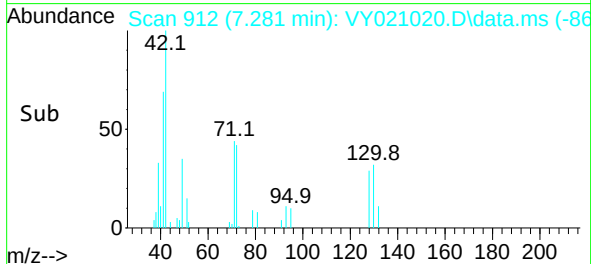
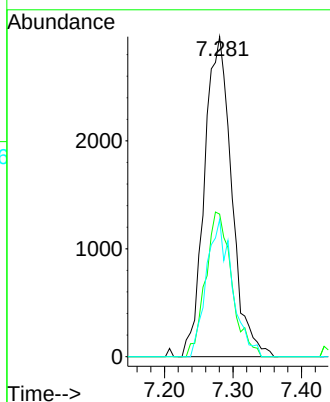
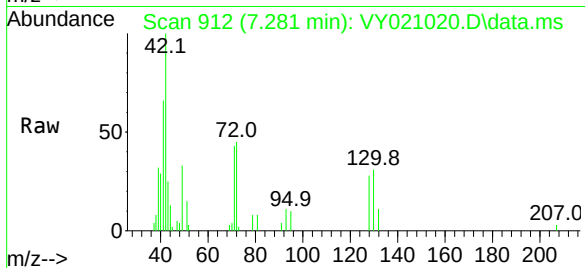
Tgt Ion: 42 Resp: 8193

Ion Ratio Lower Upper

42 100

72 43.4 39.3 58.9

71 40.6 36.1 54.1



#30

Chloroform

Concen: 6.669 ug/l

RT: 7.439 min Scan# 938

Delta R.T. 0.013 min

Lab File: VY021020.D

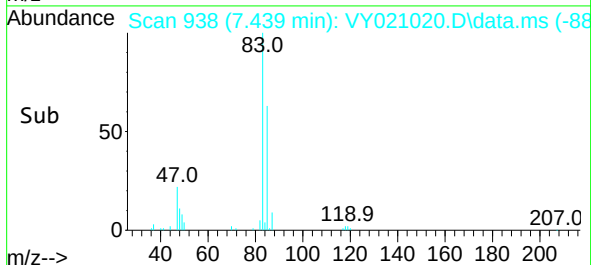
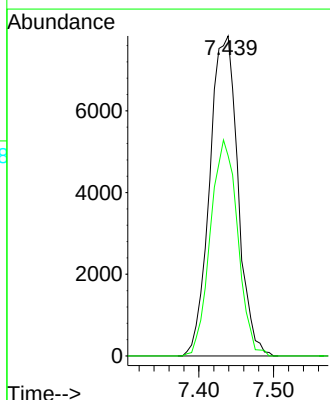
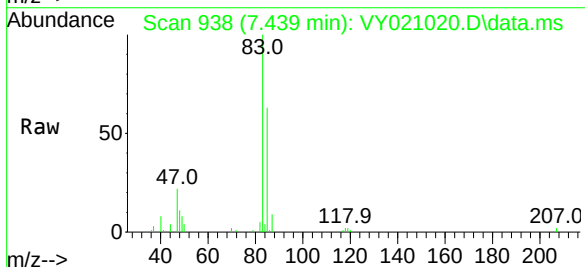
Acq: 03 Feb 2025 10:35

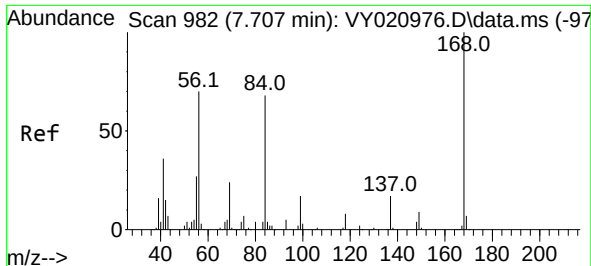
Tgt Ion: 83 Resp: 20552

Ion Ratio Lower Upper

83 100

85 62.5 52.9 79.3

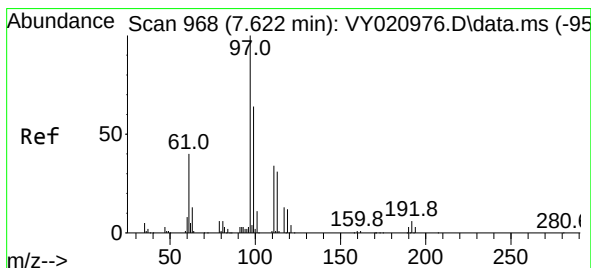
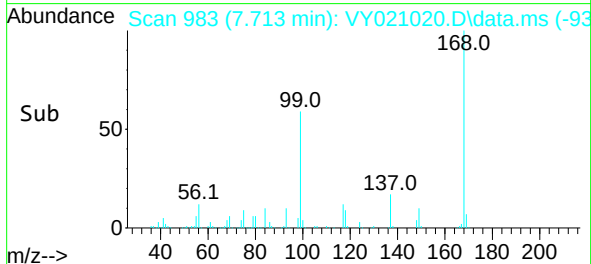
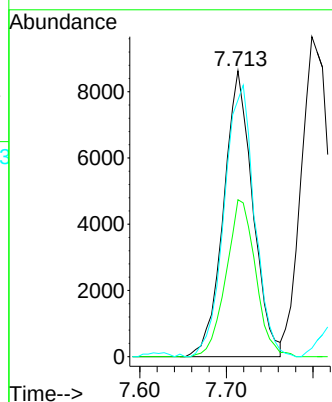
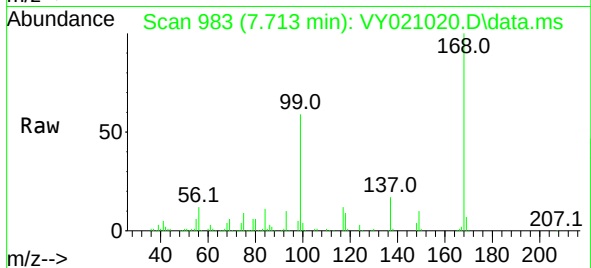




#31
Cyclohexane
Concen: 7.295 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

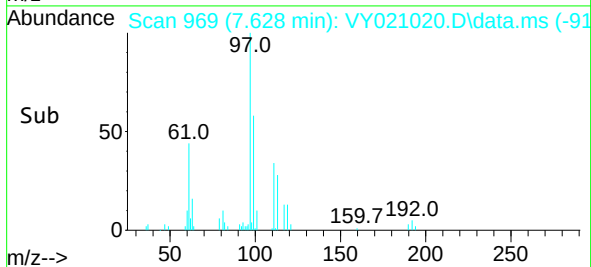
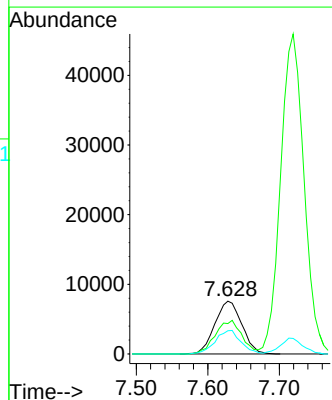
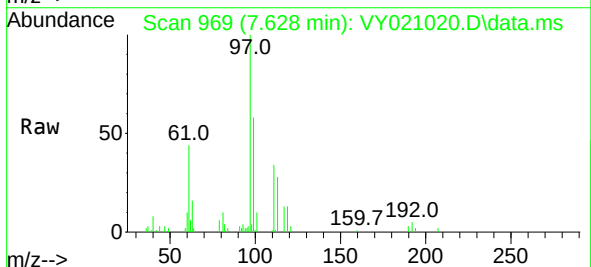
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

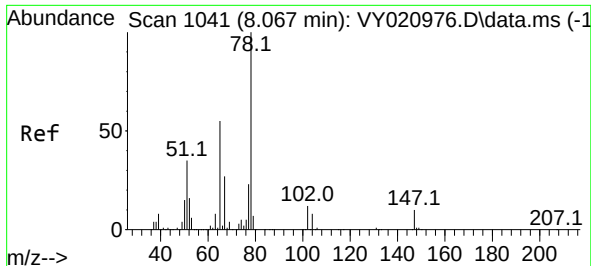
Tgt Ion: 56 Resp: 20287
Ion Ratio Lower Upper
56 100
69 54.9 27.7 41.5#
84 88.9 77.5 116.3



#32
1,1,1-Trichloroethane
Concen: 6.645 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 97 Resp: 19818
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.0
61 42.5 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 6.651 ug/l

RT: 8.079 min Scan# 1041

Delta R.T. 0.013 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

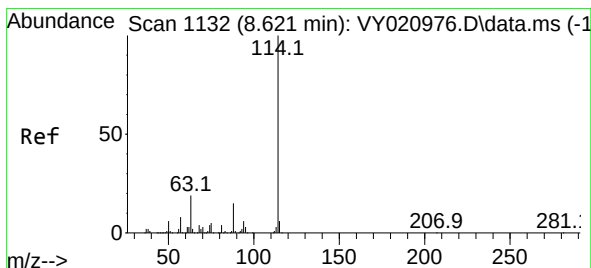
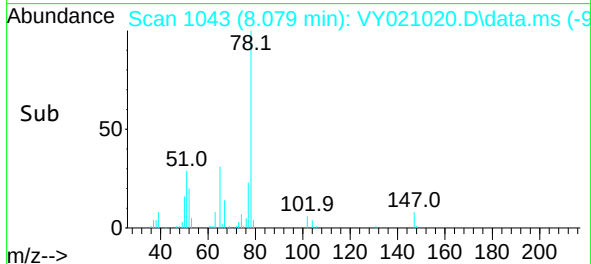
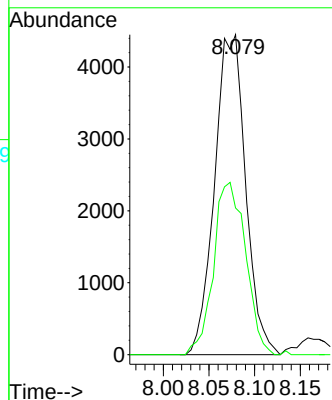
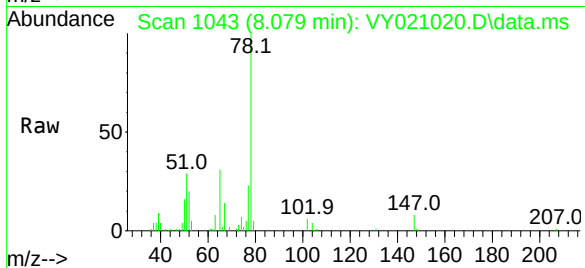
VSTDICC005

Tgt Ion: 65 Resp: 10514

Ion Ratio Lower Upper

65 100

67 55.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

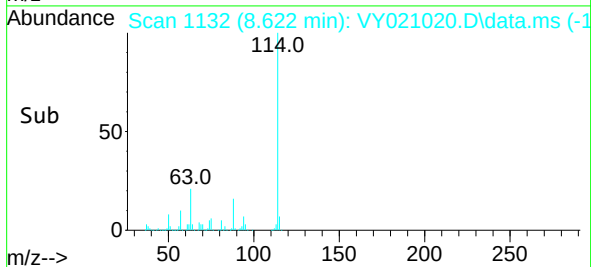
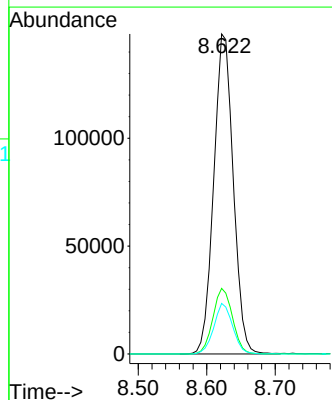
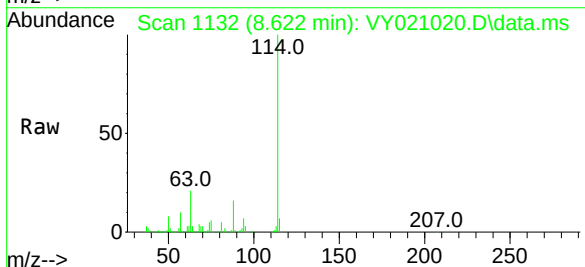
Tgt Ion: 114 Resp: 293189

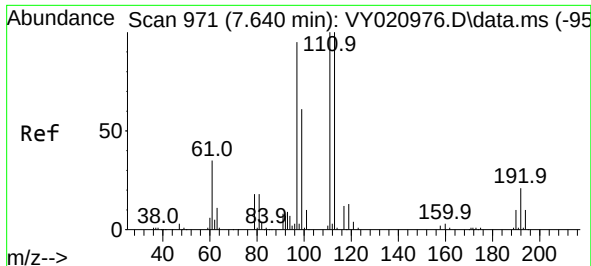
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.2

88 15.8 0.0 29.6

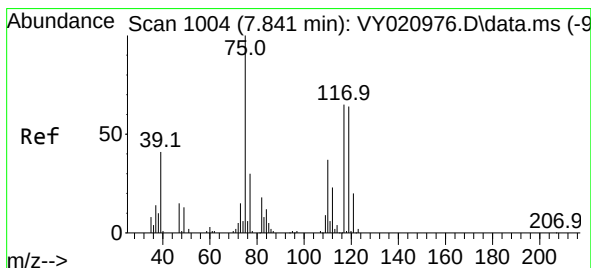
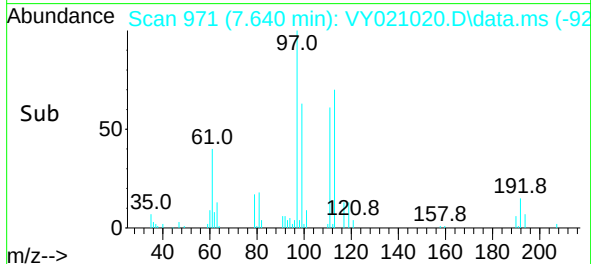
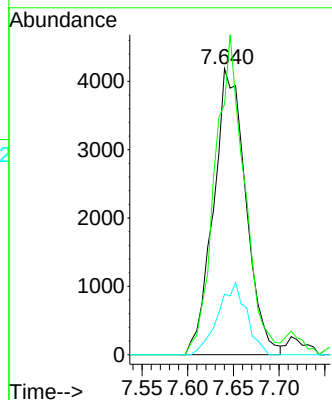
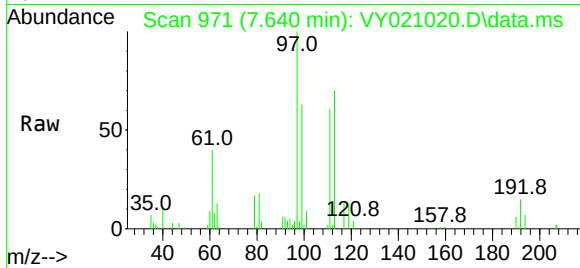




#35
Dibromofluoromethane
Concen: 5.840 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

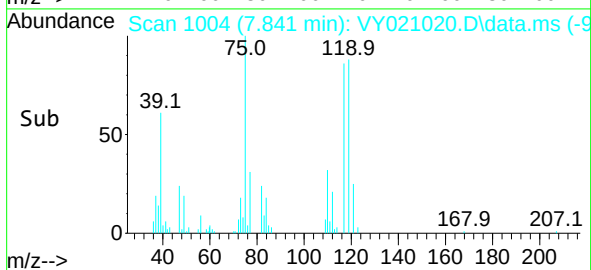
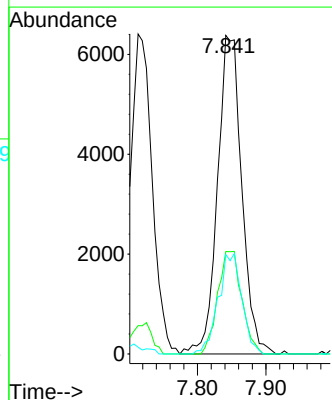
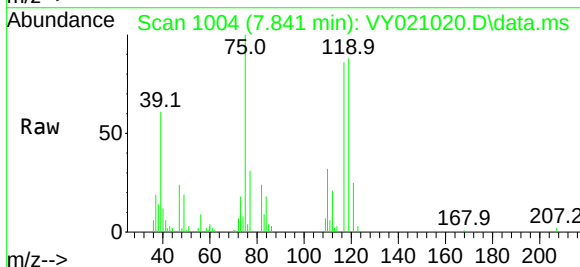
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

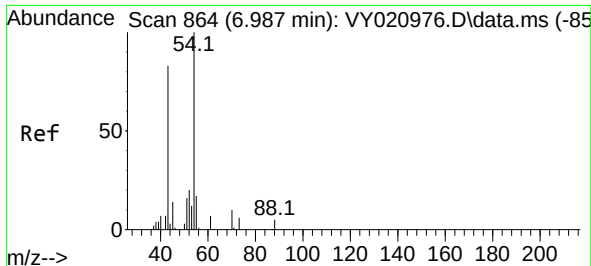
Tgt Ion:113 Resp: 10294
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 22.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 6.231 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 75 Resp: 15667
Ion Ratio Lower Upper
75 100
110 31.9 18.4 55.2
77 30.6 24.9 37.3





#37

Ethyl Acetate

Concen: 6.809 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.007 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

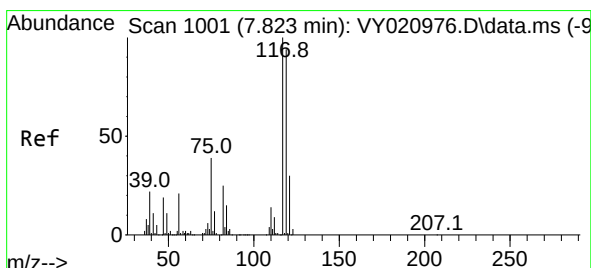
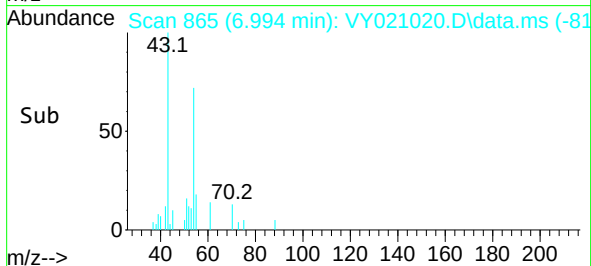
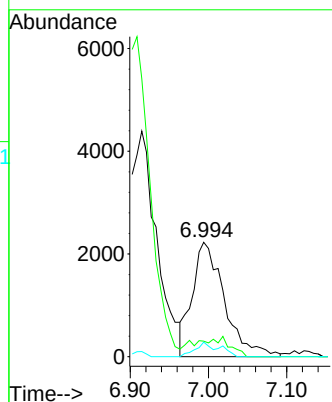
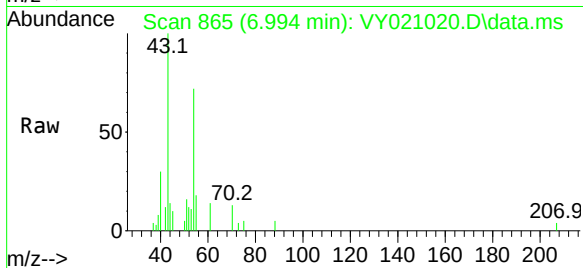
Tgt Ion: 43 Resp: 6383

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

70 6.2 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 5.691 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

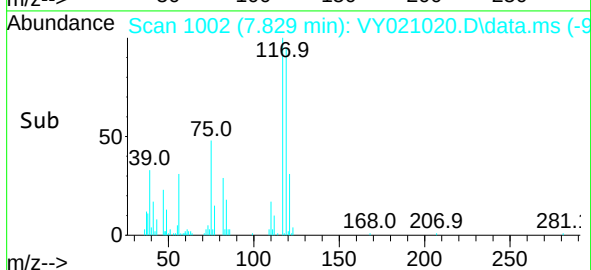
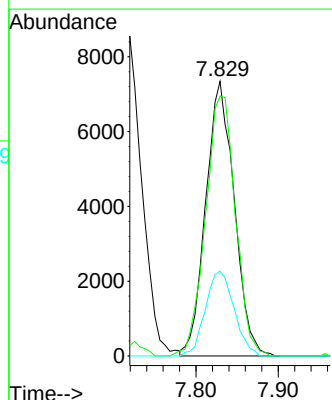
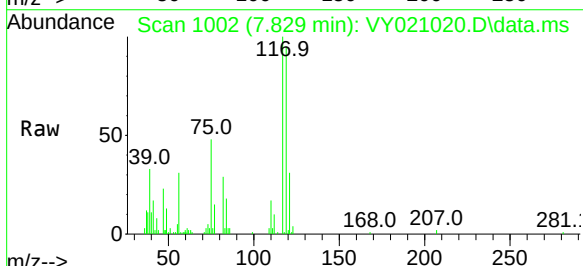
Tgt Ion: 117 Resp: 17709

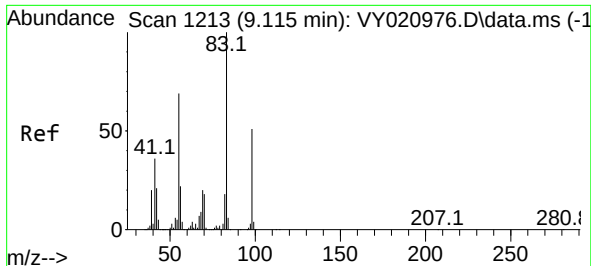
Ion Ratio Lower Upper

117 100

119 94.7 75.0 112.6

121 30.9 24.2 36.2





#39

Methylcyclohexane

Concen: 5.287 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

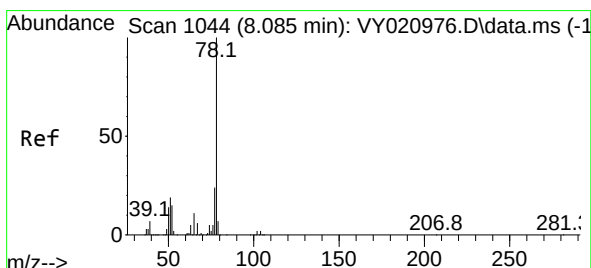
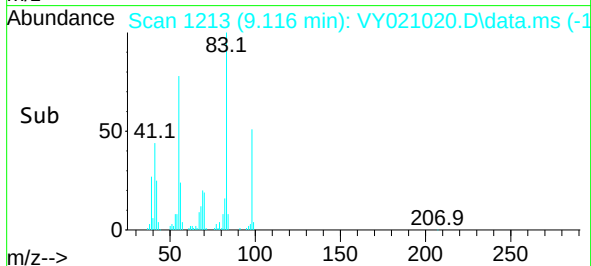
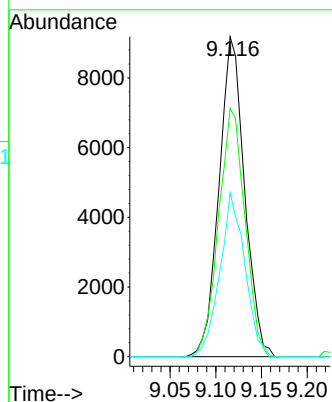
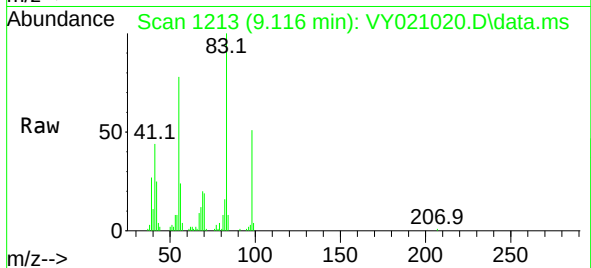
Tgt Ion: 83 Resp: 17860

Ion Ratio Lower Upper

83 100

55 77.6 54.9 82.3

98 51.3 40.5 60.7



#40

Benzene

Concen: 5.991 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021020.D

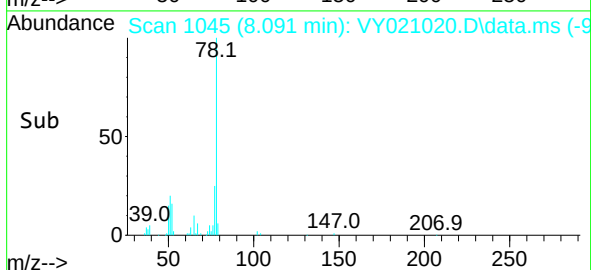
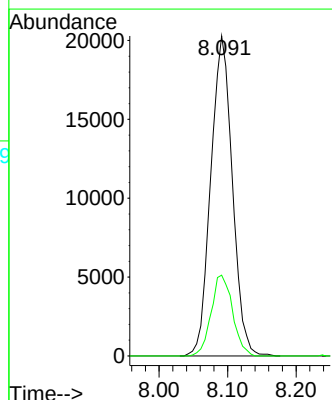
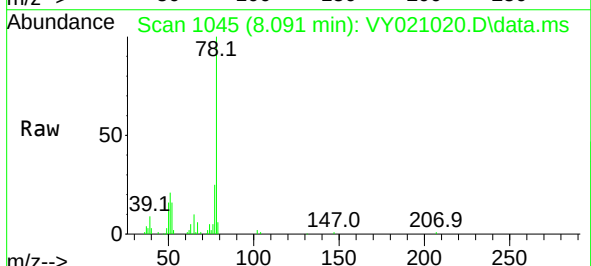
Acq: 03 Feb 2025 10:35

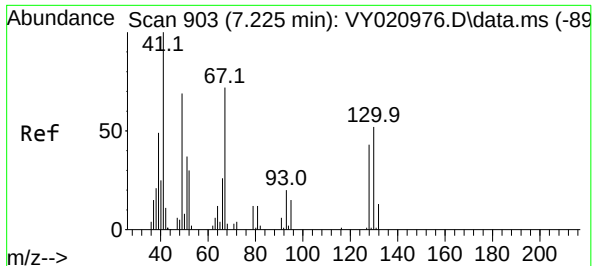
Tgt Ion: 78 Resp: 44324

Ion Ratio Lower Upper

78 100

77 25.2 19.4 29.2

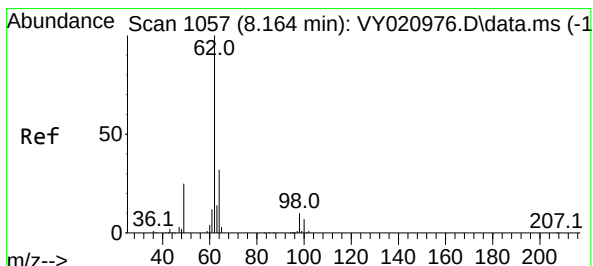
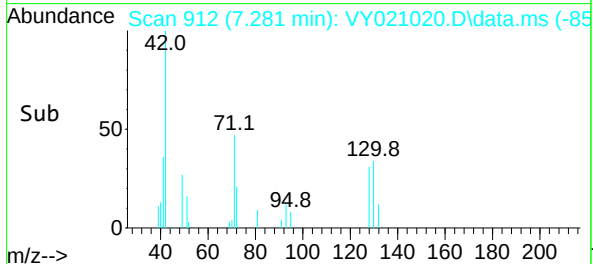
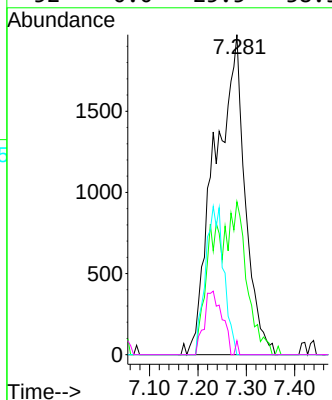
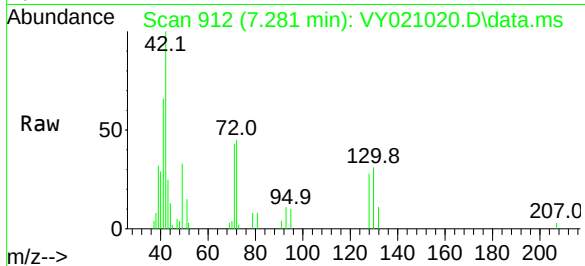




#41
Methacrylonitrile
Concen: 16.526 ug/l
RT: 7.281 min Scan# 912
Delta R.T. 0.055 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

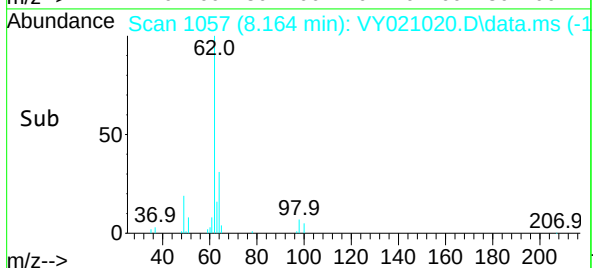
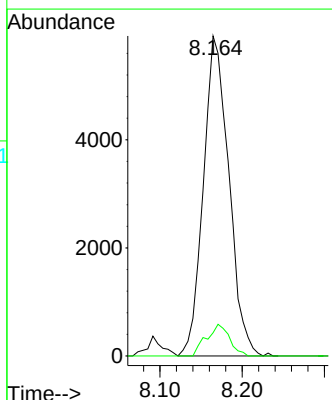
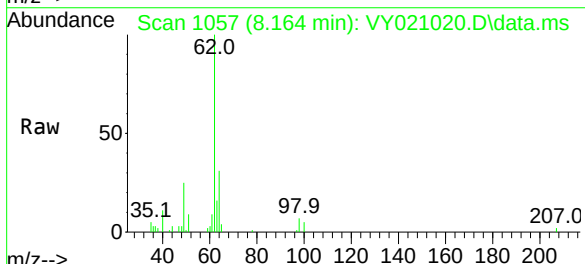
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

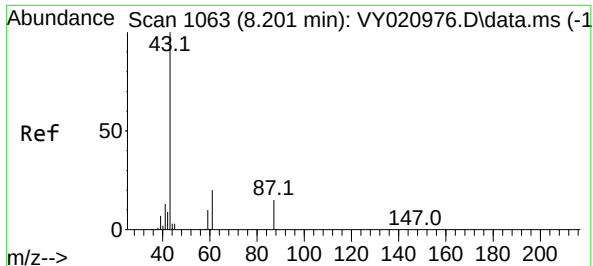
Tgt Ion: 41 Resp: 8572
Ion Ratio Lower Upper
41 100
39 0.0 41.6 62.4#
67 0.0 63.8 95.6#
52 0.0 25.5 38.3#



#42
1,2-Dichloroethane
Concen: 6.801 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 62 Resp: 12762
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.4

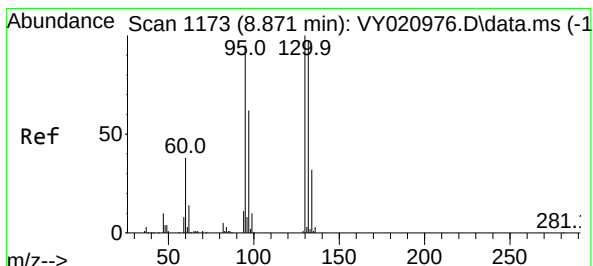
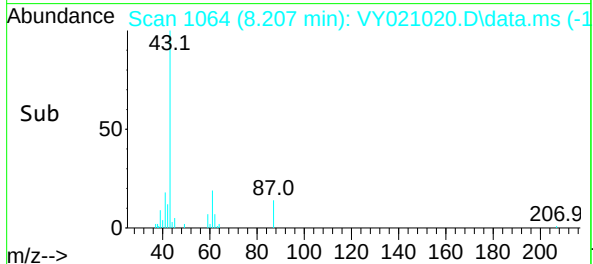
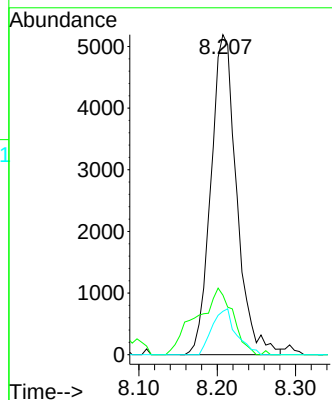
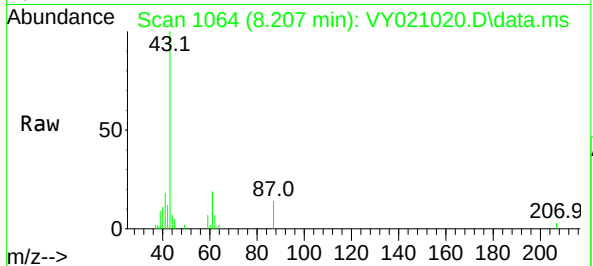




#43
Isopropyl Acetate
Concen: 6.321 ug/l
RT: 8.207 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

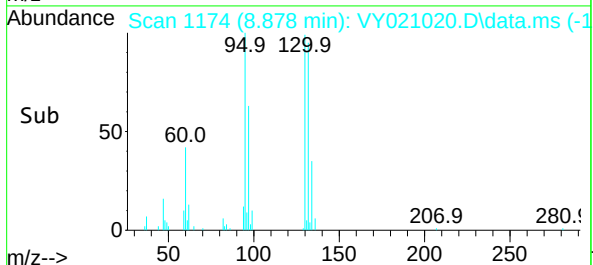
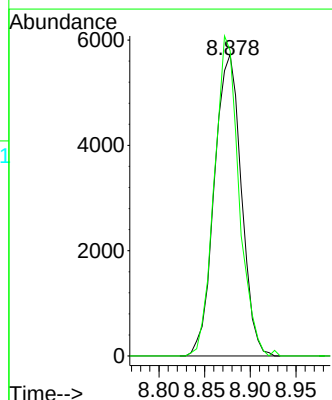
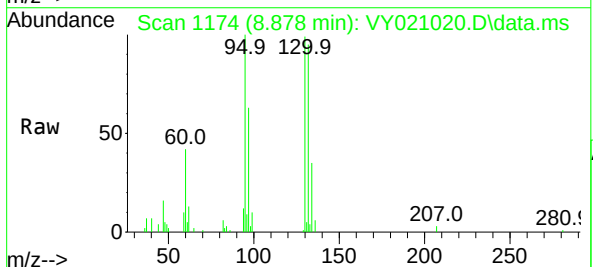
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

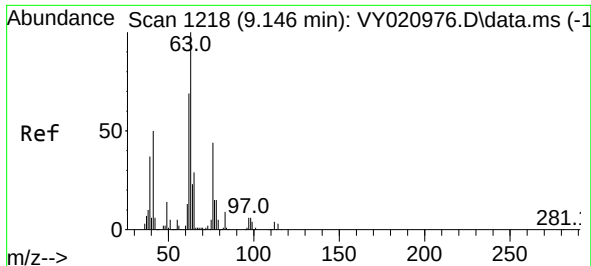
Tgt Ion: 43 Resp: 11839
Ion Ratio Lower Upper
43 100
61 29.5 15.8 23.6#
87 13.3 12.5 18.7



#44
Trichloroethene
Concen: 5.756 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 130 Resp: 11751
Ion Ratio Lower Upper
130 100
95 101.2 0.0 189.6





#45

1,2-Dichloropropane

Concen: 6.318 ug/l

RT: 9.146 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

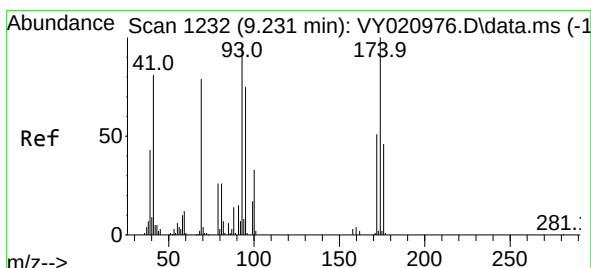
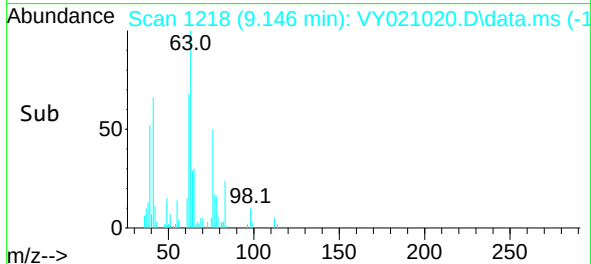
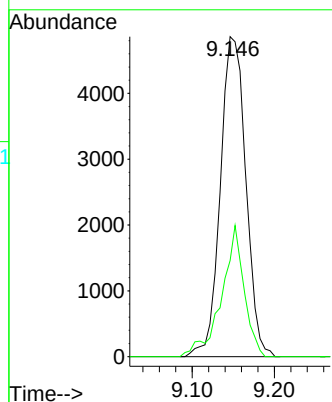
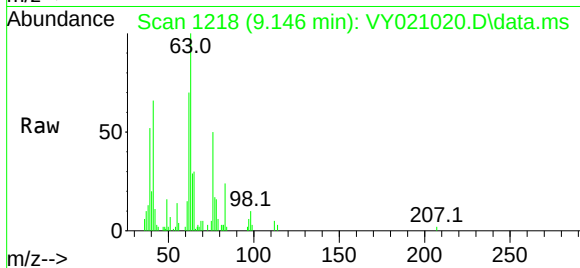
VSTDIC005

Tgt Ion: 63 Resp: 10477

Ion Ratio Lower Upper

63 100

65 30.1 23.6 35.4



#46

Dibromomethane

Concen: 6.098 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.013 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

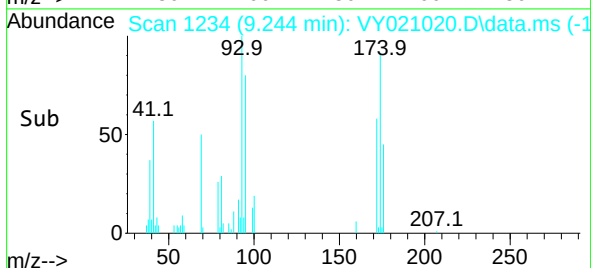
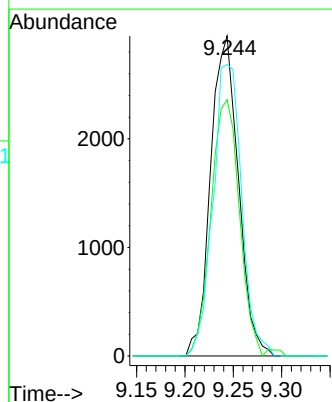
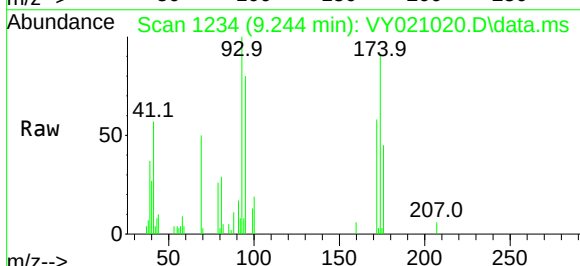
Tgt Ion: 93 Resp: 5885

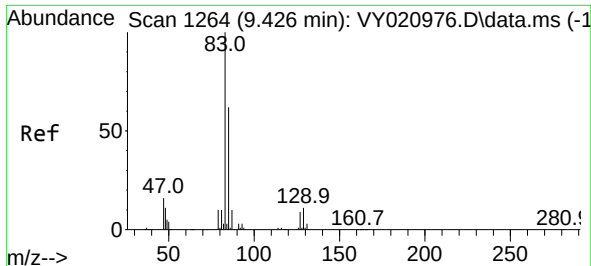
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.8

174 94.4 88.1 132.1





#47

Bromodichloromethane

Concen: 6.107 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

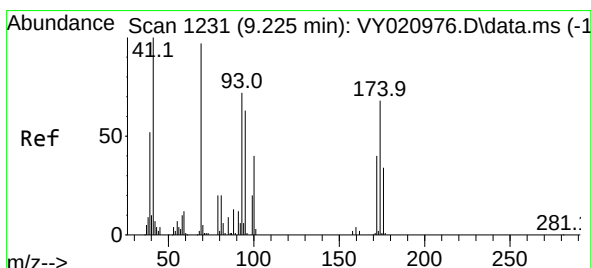
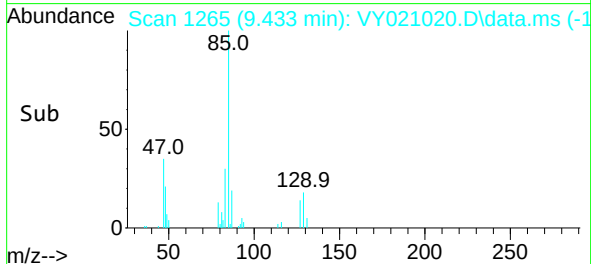
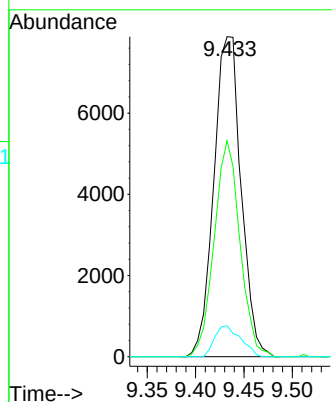
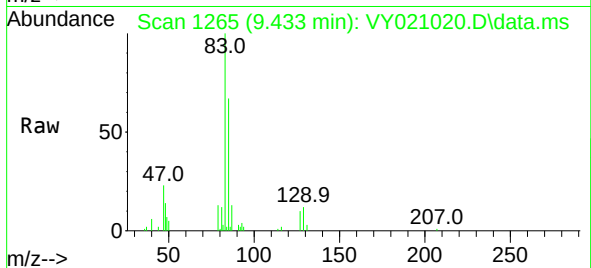
Tgt Ion: 83 Resp: 15477

Ion Ratio Lower Upper

83 100

85 67.5 49.6 74.4

127 9.6 7.1 10.7



#48

Methyl methacrylate

Concen: 5.922 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

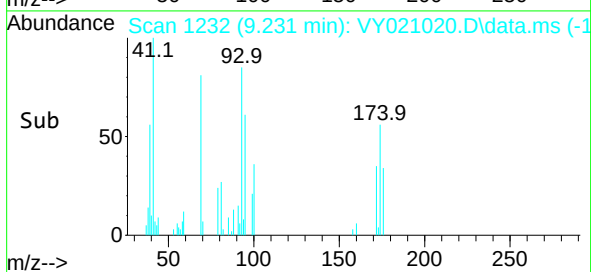
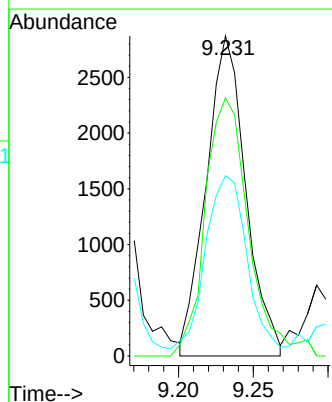
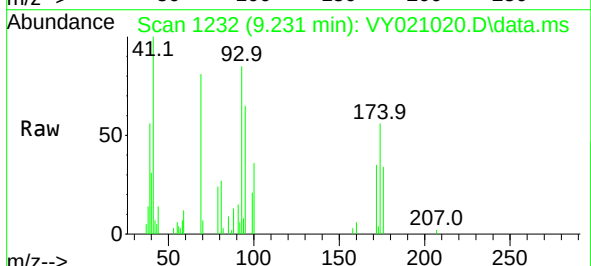
Tgt Ion: 41 Resp: 5280

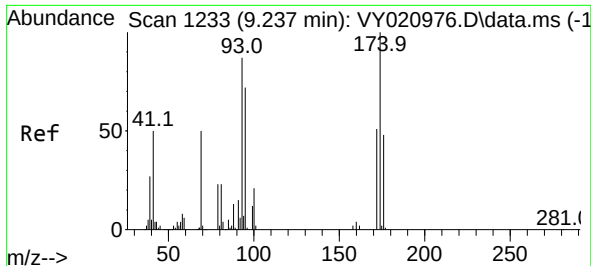
Ion Ratio Lower Upper

41 100

69 88.4 75.6 113.4

39 56.6 41.3 61.9





#49

1,4-Dioxane

Concen: 91.663 ug/l

RT: 9.250 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

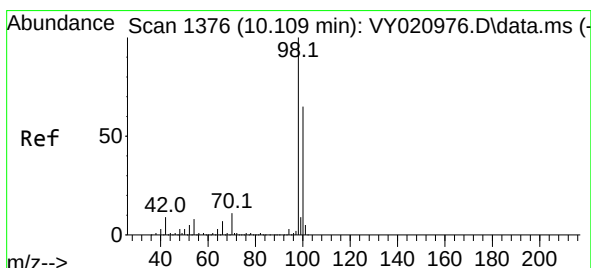
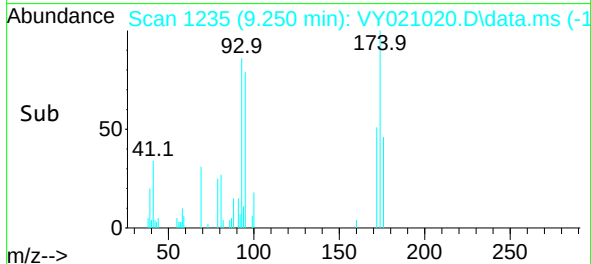
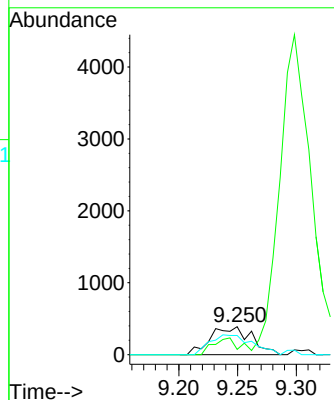
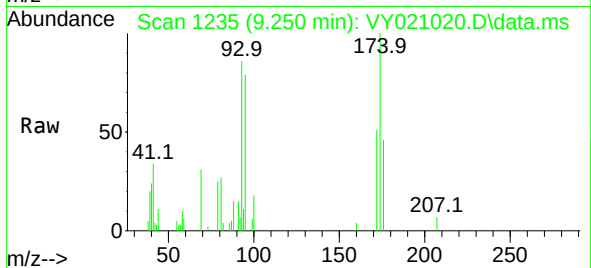
Tgt Ion: 88 Resp: 940

Ion Ratio Lower Upper

88 100

43 39.6 24.2 36.4#

58 73.5 57.3 85.9



#50

Toluene-d8

Concen: 5.520 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021020.D

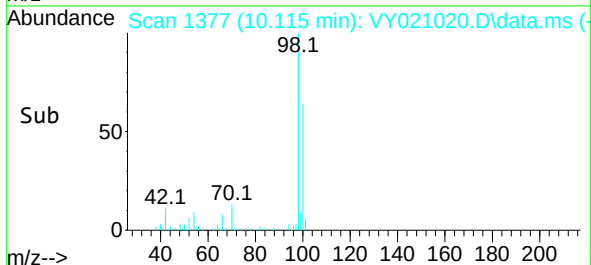
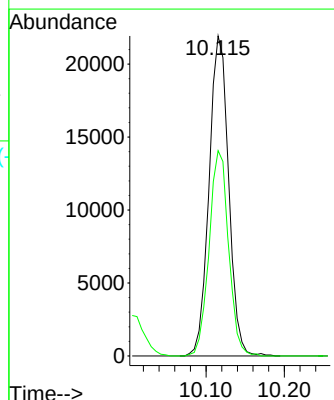
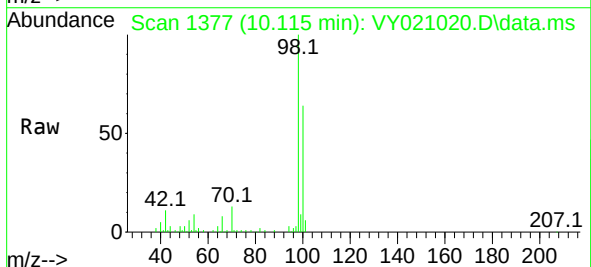
Acq: 03 Feb 2025 10:35

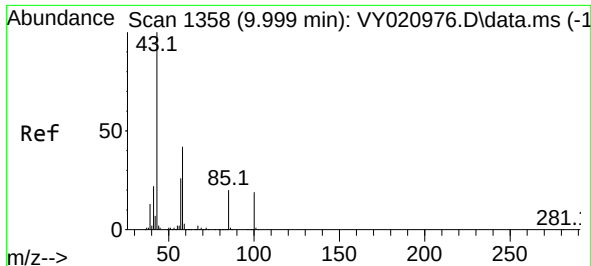
Tgt Ion: 98 Resp: 37973

Ion Ratio Lower Upper

98 100

100 63.8 52.6 79.0

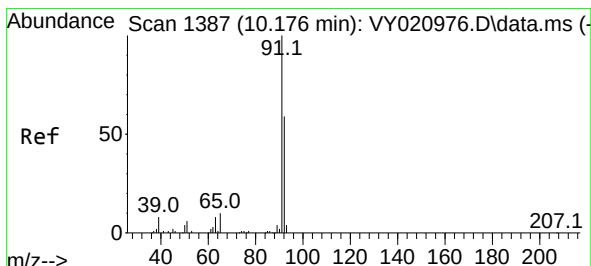
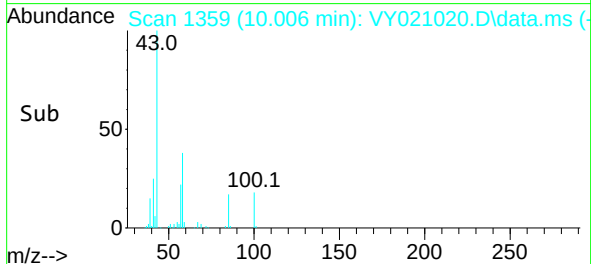
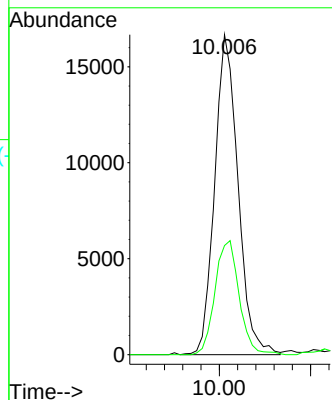
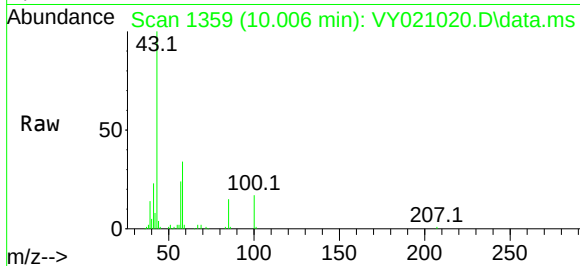




#51
4-Methyl-2-Pentanone
Concen: 30.730 ug/l
RT: 10.006 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

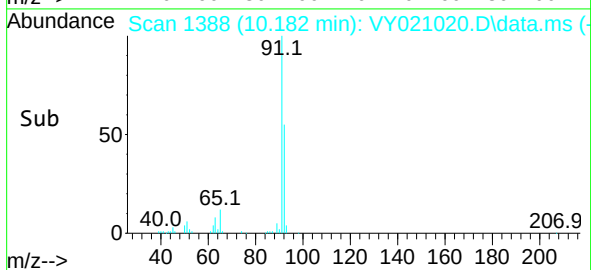
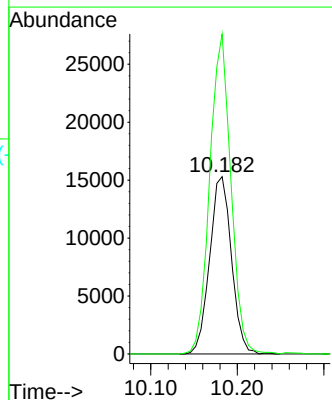
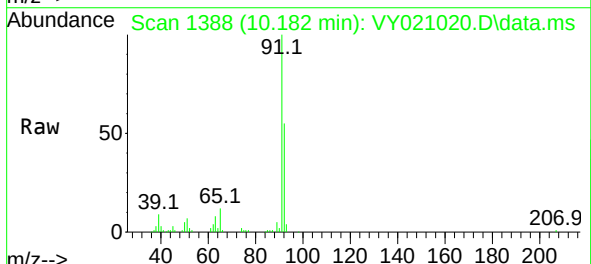
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

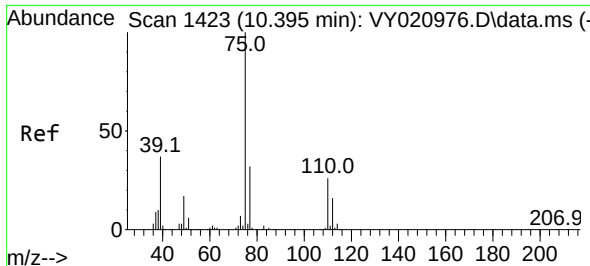
Tgt Ion: 43 Resp: 29573
Ion Ratio Lower Upper
43 100
58 36.9 33.8 50.8



#52
Toluene
Concen: 5.572 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.007 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 92 Resp: 26760
Ion Ratio Lower Upper
92 100
91 174.8 135.8 203.8

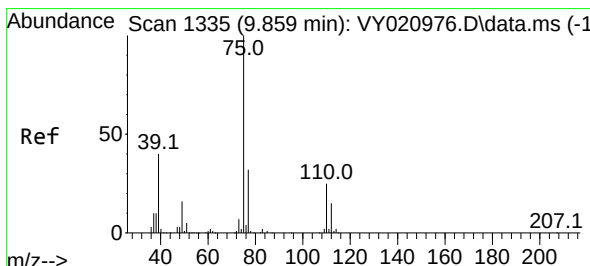
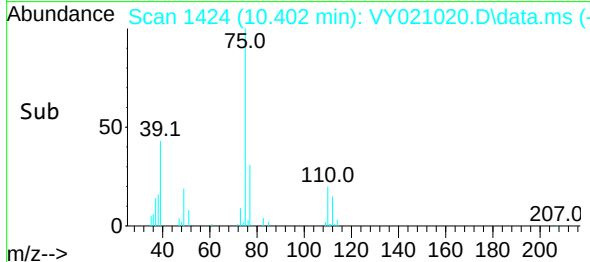
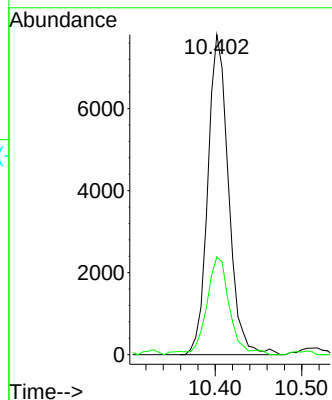
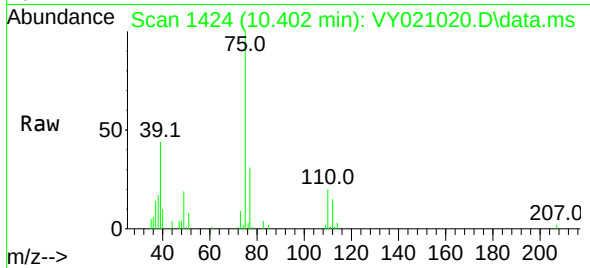




#53
 t-1,3-Dichloropropene
 Concen: 5.639 ug/l
 RT: 10.402 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY021020.D
 Acq: 03 Feb 2025 10:35

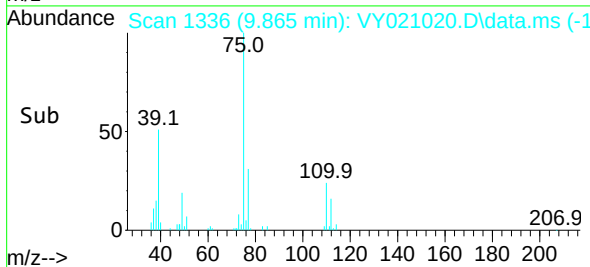
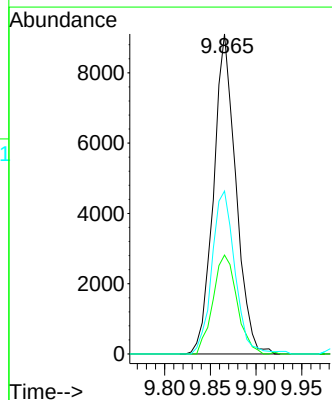
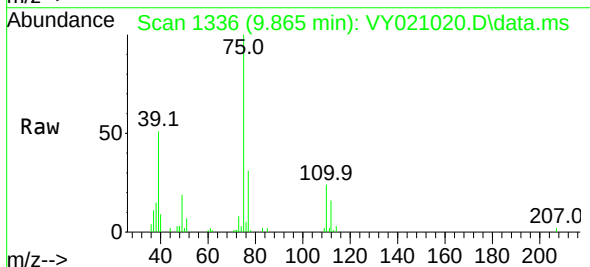
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

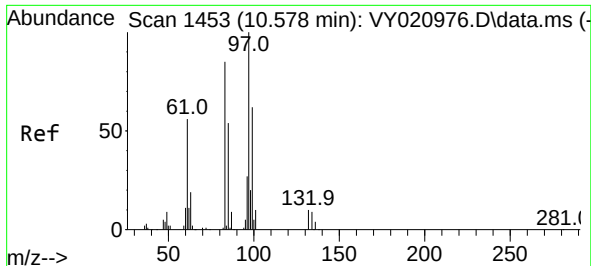
Tgt Ion: 75 Resp: 12933
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 5.650 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY021020.D
 Acq: 03 Feb 2025 10:35

Tgt Ion: 75 Resp: 15488
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0
 39 50.9 32.2 48.2#

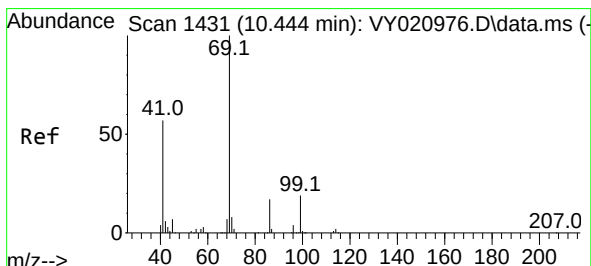
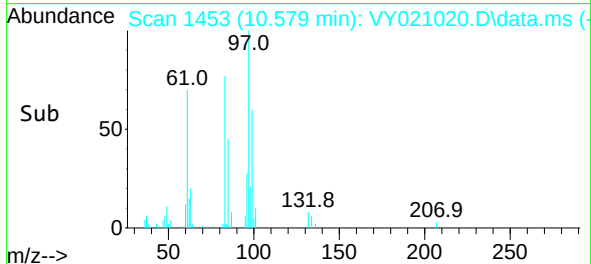
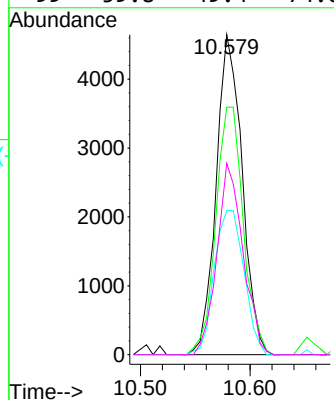
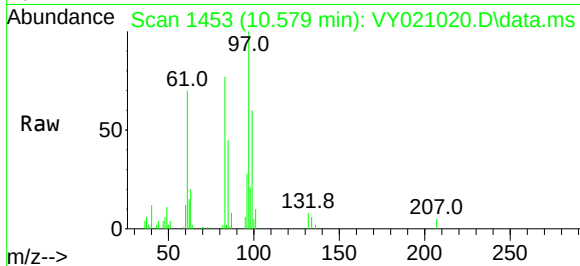




#55
1,1,2-Trichloroethane
Concen: 5.961 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

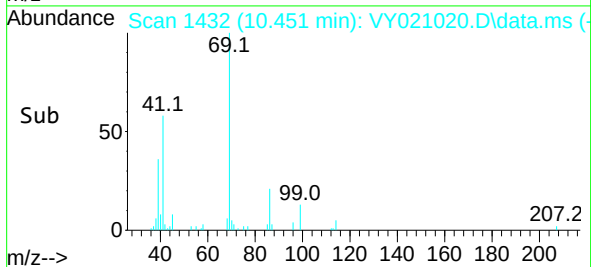
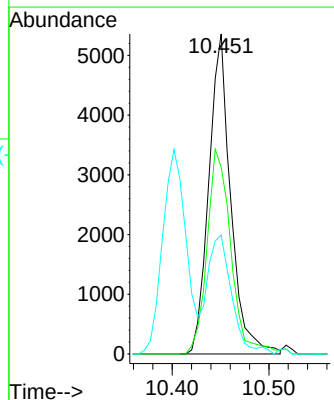
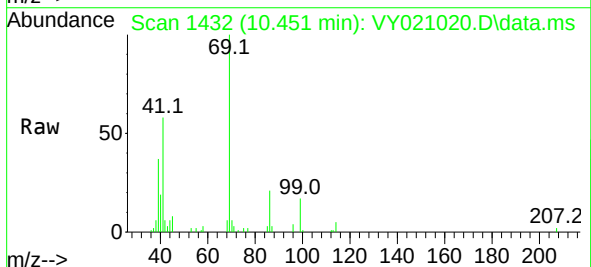
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

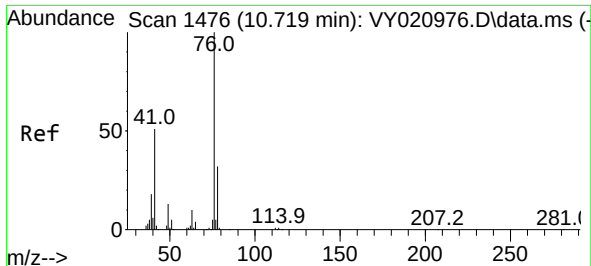
Tgt Ion: 97	Resp: 7651
Ion Ratio	Lower Upper
97 100	
83 77.3	67.7 101.5
85 45.1	43.4 65.2
99 59.8	49.4 74.0



#56
Ethyl methacrylate
Concen: 5.018 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 69	Resp: 8418
Ion Ratio	Lower Upper
69 100	
41 70.1	46.3 69.5#
39 41.3	24.5 36.7#





#57

1,3-Dichloropropane

Concen: 5.845 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

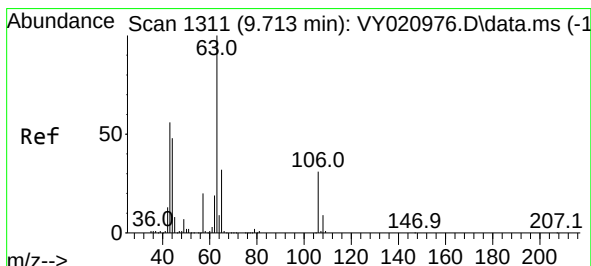
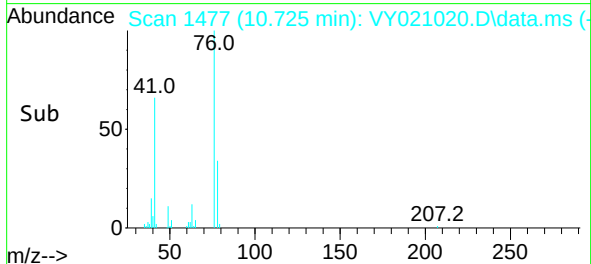
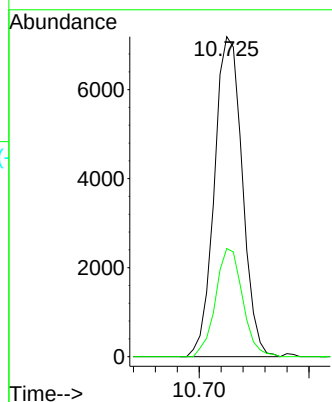
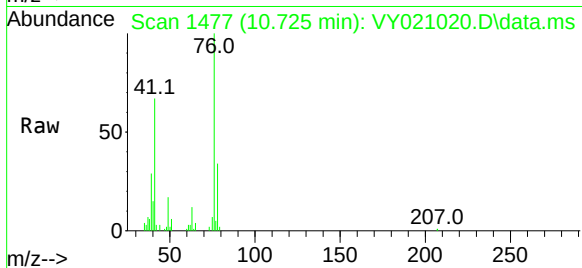
VSTDIC005

Tgt Ion: 76 Resp: 12714

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 29.542 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.007 min

Lab File: VY021020.D

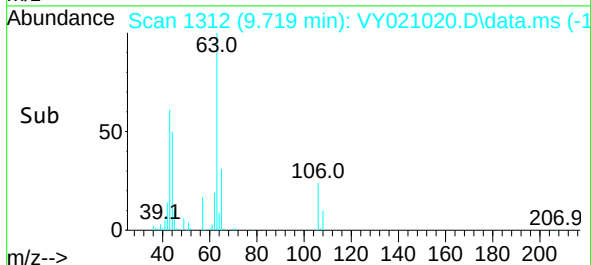
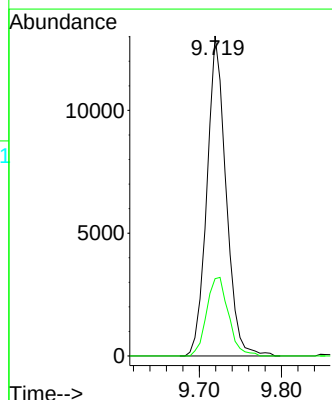
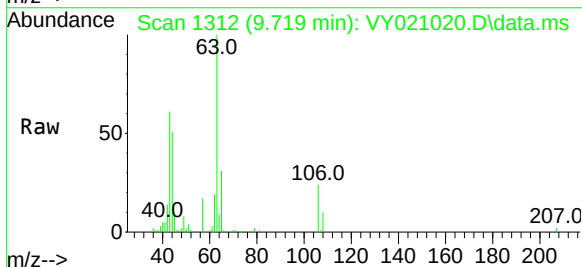
Acq: 03 Feb 2025 10:35

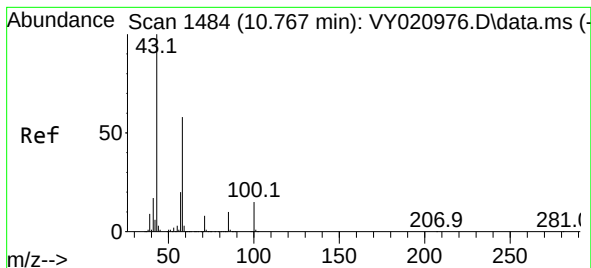
Tgt Ion: 63 Resp: 21035

Ion Ratio Lower Upper

63 100

106 28.1 24.7 37.1

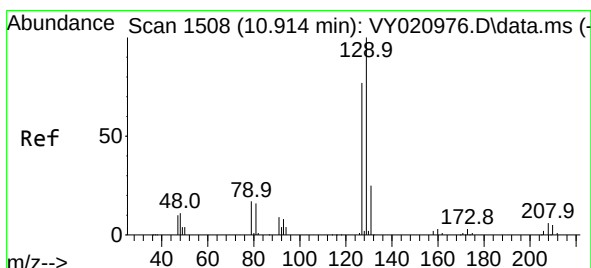
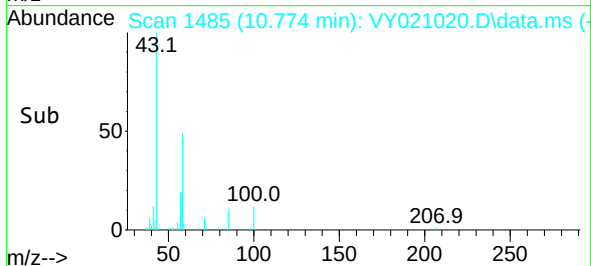
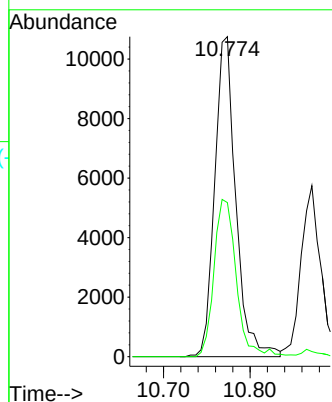
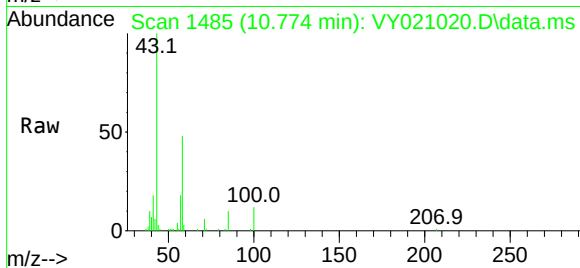




#59
2-Hexanone
Concen: 29.030 ug/l
RT: 10.774 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

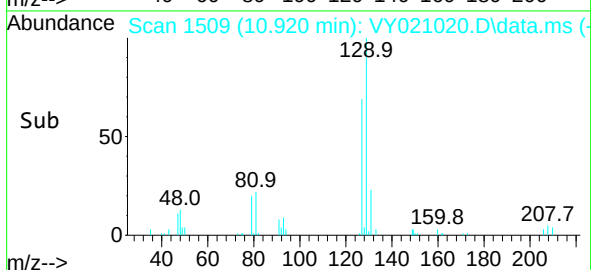
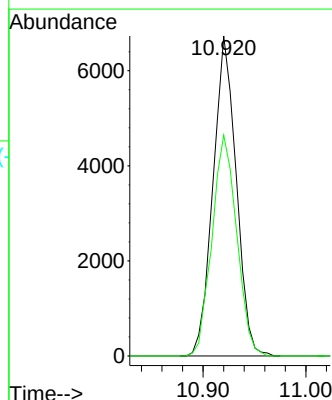
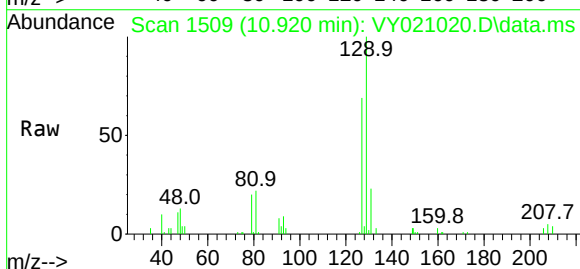
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

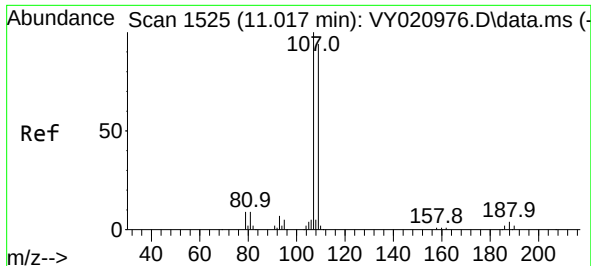
Tgt Ion: 43 Resp: 18159
Ion Ratio Lower Upper
43 100
58 51.9 29.8 89.3



#60
Dibromochloromethane
Concen: 5.744 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 129 Resp: 10511
Ion Ratio Lower Upper
129 100
127 73.5 38.5 115.3

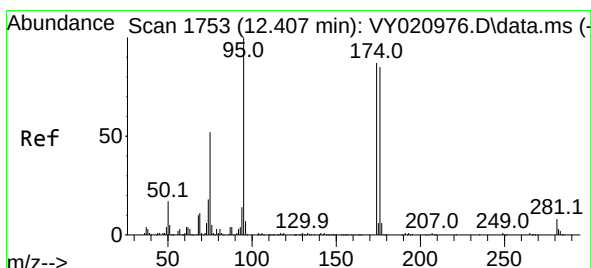
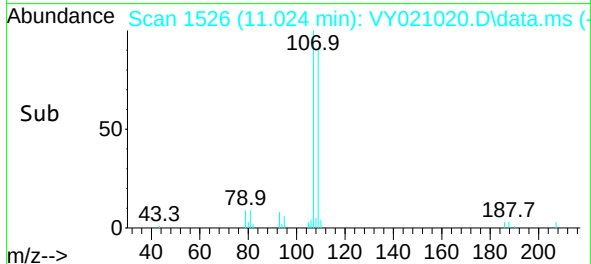
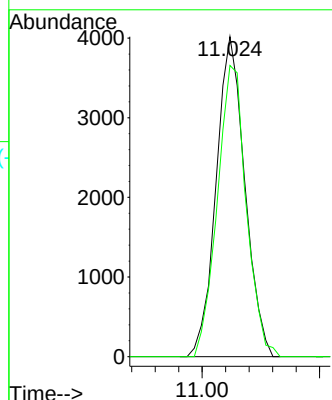
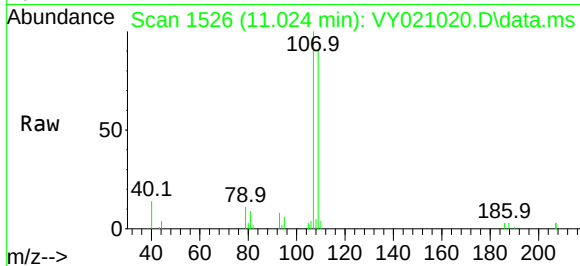




#61
1,2-Dibromoethane
Concen: 5.555 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

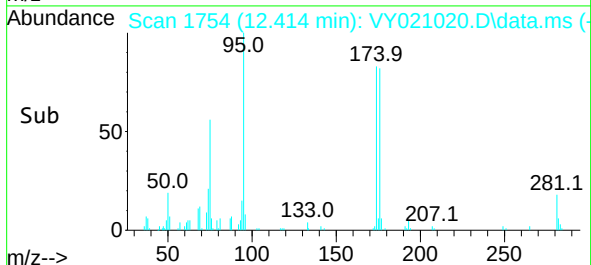
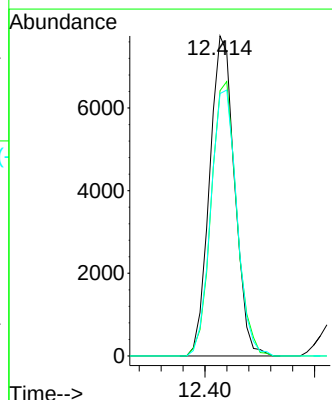
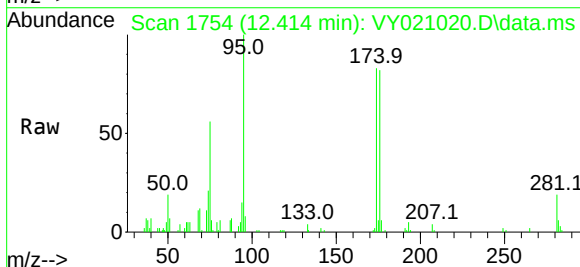
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

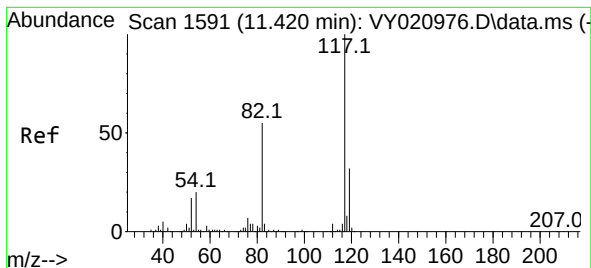
Tgt Ion:107 Resp: 6810
Ion Ratio Lower Upper
107 100
109 91.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 5.301 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 95 Resp: 12237
Ion Ratio Lower Upper
95 100
174 87.1 0.0 181.2
176 86.6 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

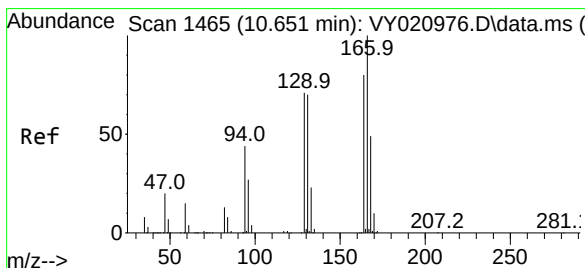
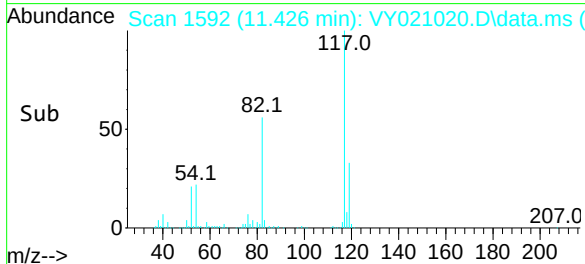
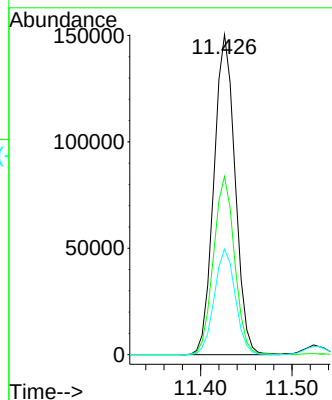
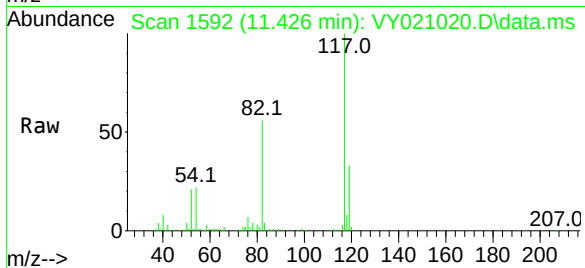
Tgt Ion:117 Resp: 242257

Ion Ratio Lower Upper

117 100

82 55.7 44.2 66.2

119 33.0 25.9 38.9



#64

Tetrachloroethene

Concen: 5.426 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Tgt Ion:164 Resp: 9915

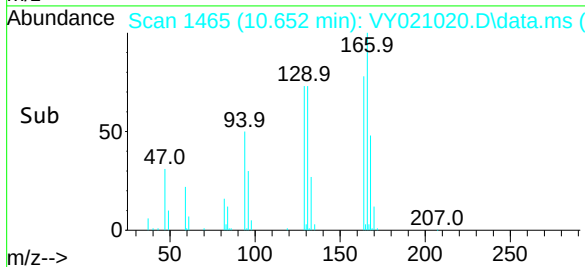
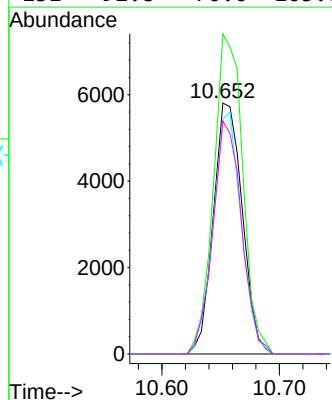
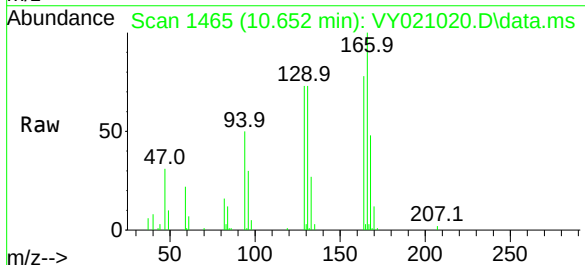
Ion Ratio Lower Upper

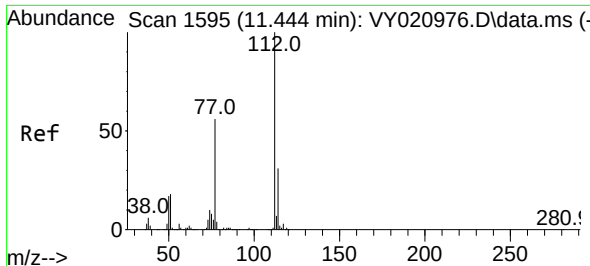
164 100

166 127.6 100.4 150.6

129 93.7 70.8 106.2

131 92.8 70.0 105.0

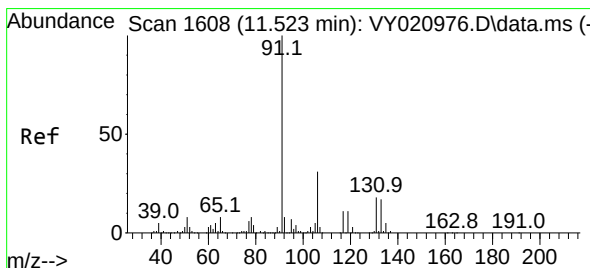
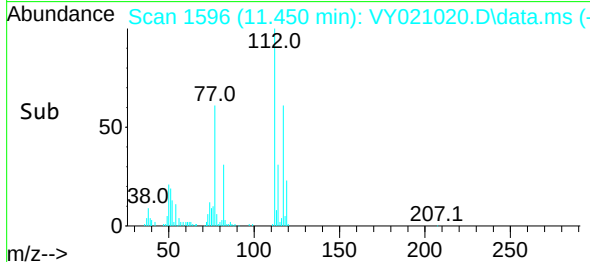
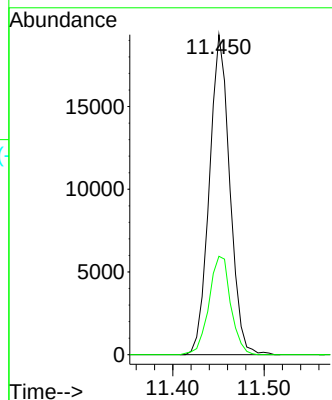
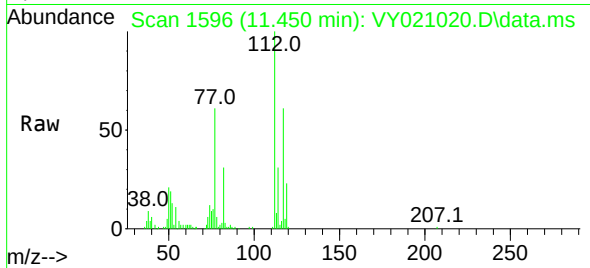




#65
Chlorobenzene
Concen: 5.872 ug/l
RT: 11.450 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

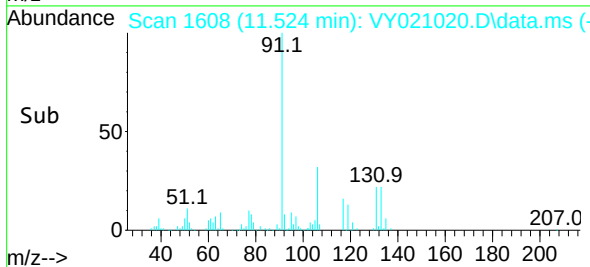
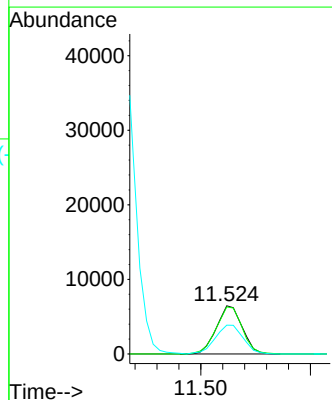
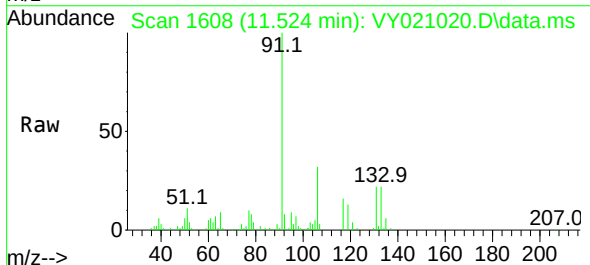
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

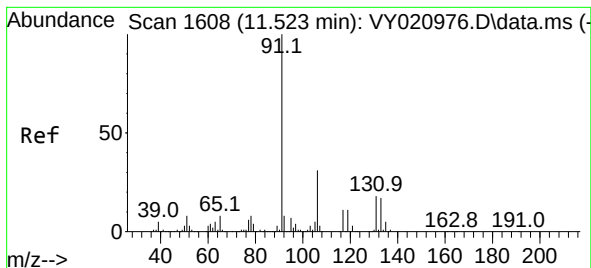
Tgt Ion:112 Resp: 29973
Ion Ratio Lower Upper
112 100
114 30.8 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 5.810 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:131 Resp: 10524
Ion Ratio Lower Upper
131 100
133 99.6 48.7 146.1
119 64.8 31.4 94.3





#67

Ethyl Benzene

Concen: 5.760 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

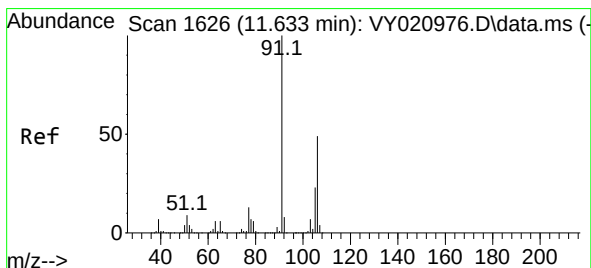
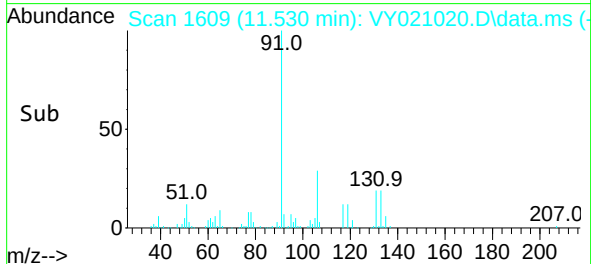
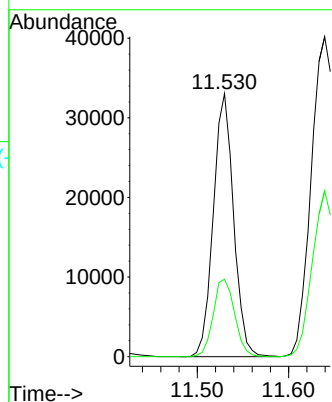
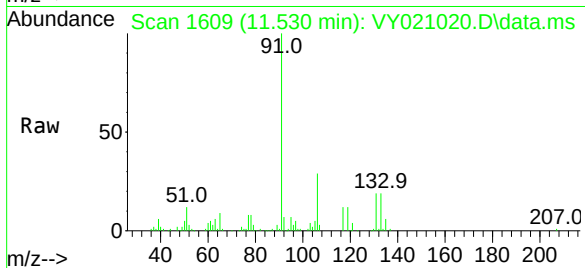
VSTDIC005

Tgt Ion: 91 Resp: 50904

Ion Ratio Lower Upper

91 100

106 29.4 24.9 37.3



#68

m/p-Xylenes

Concen: 11.015 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY021020.D

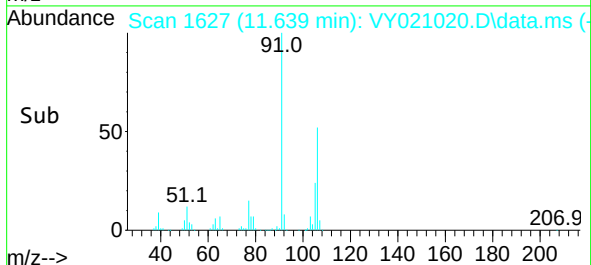
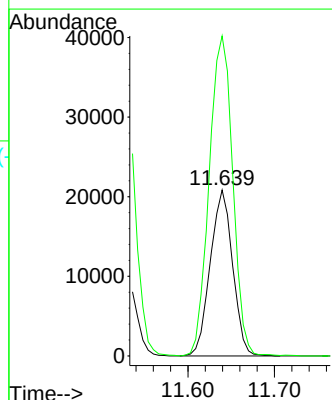
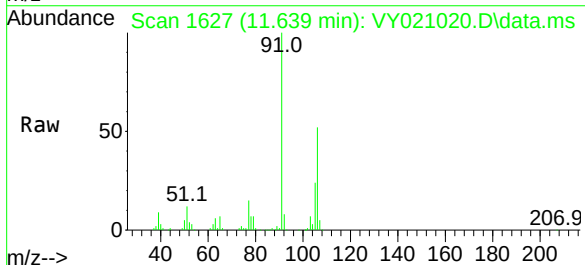
Acq: 03 Feb 2025 10:35

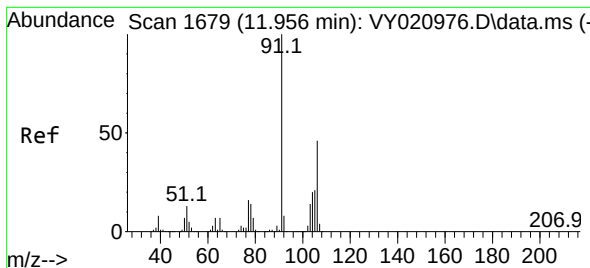
Tgt Ion:106 Resp: 37399

Ion Ratio Lower Upper

106 100

91 203.1 160.0 240.0





#69

o-Xylene

Concen: 5.550 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

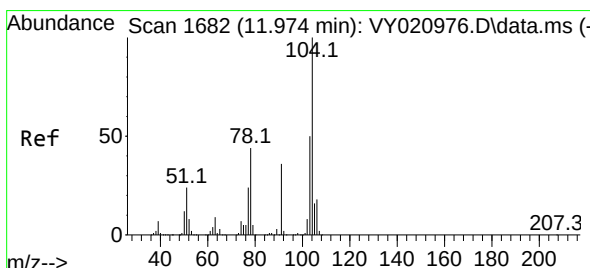
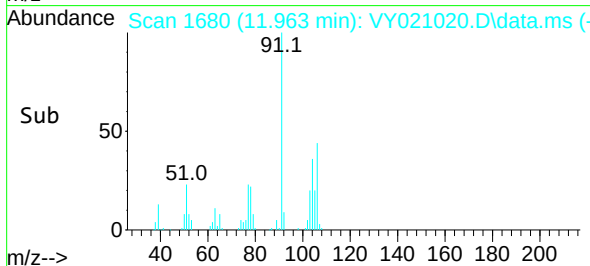
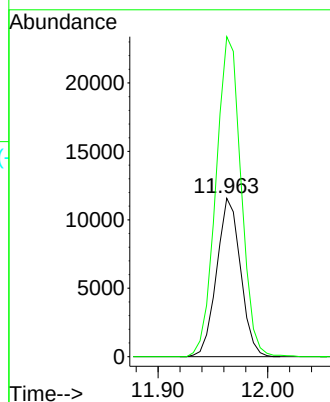
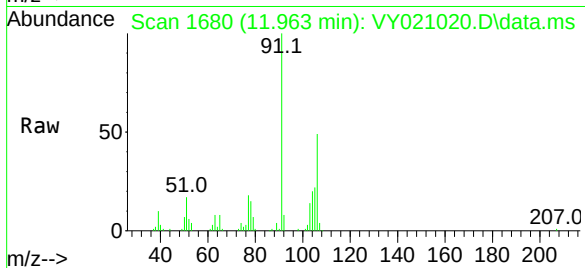
VSTDIC005

Tgt Ion:106 Resp: 17519

Ion Ratio Lower Upper

106 100

91 212.9 105.8 317.6



#70

Styrene

Concen: 5.333 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

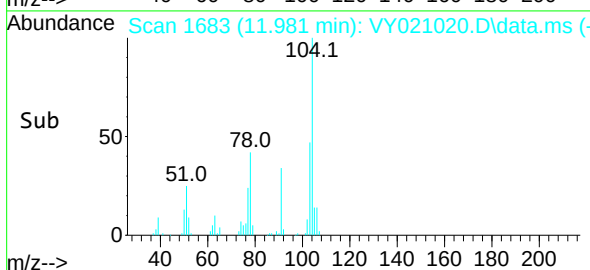
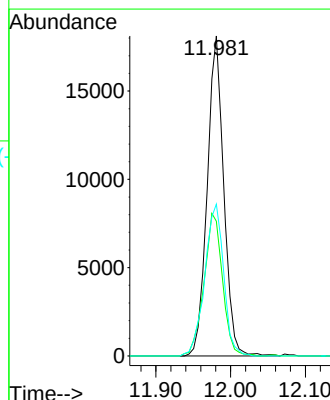
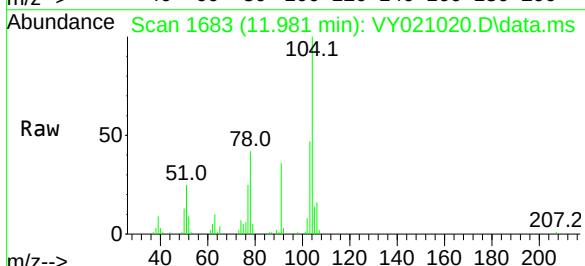
Tgt Ion:104 Resp: 27946

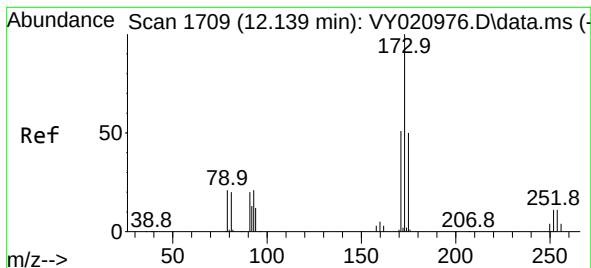
Ion Ratio Lower Upper

104 100

78 49.7 39.0 58.4

103 54.1 43.7 65.5





#71

Bromoform

Concen: 5.252 ug/l

RT: 12.145 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

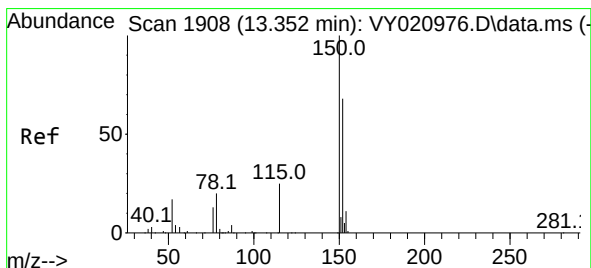
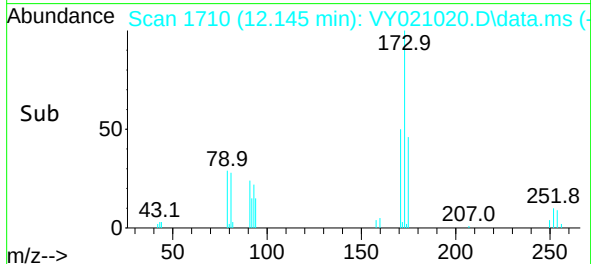
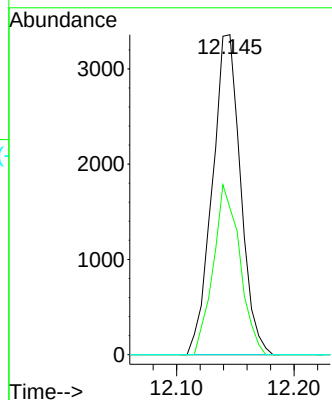
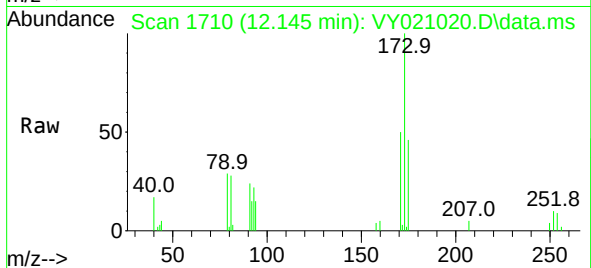
Tgt Ion:173 Resp: 5607

Ion Ratio Lower Upper

173 100

175 49.8 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

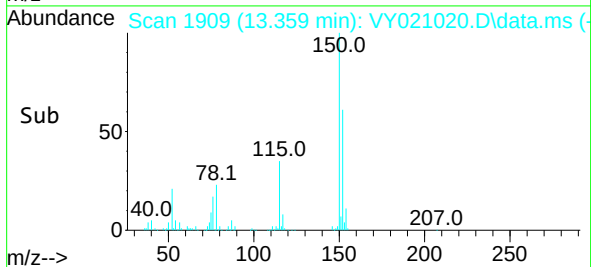
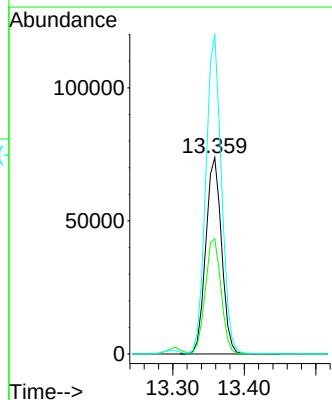
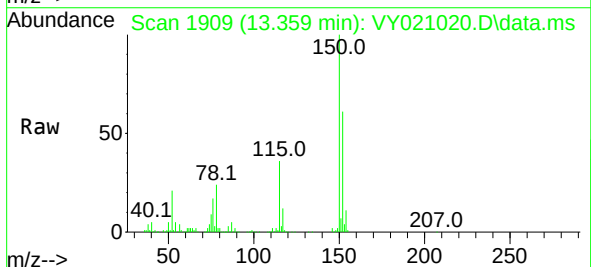
Tgt Ion:152 Resp: 113107

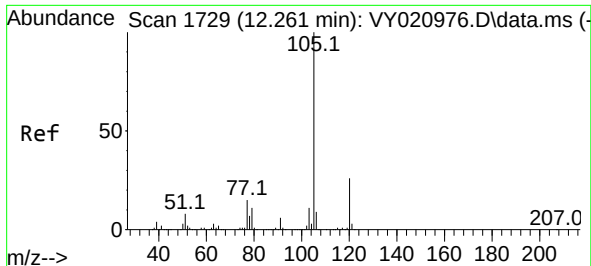
Ion Ratio Lower Upper

152 100

115 58.9 28.4 85.2

150 160.9 0.0 342.8

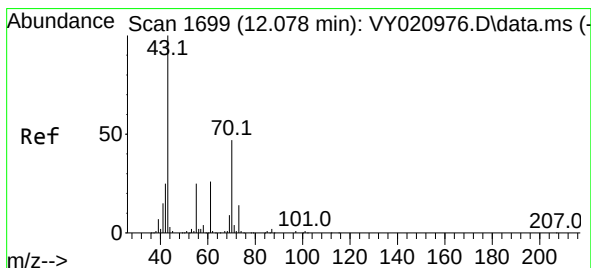
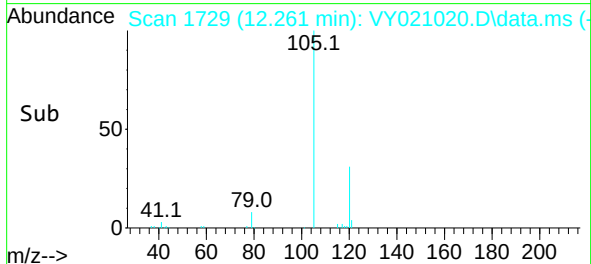
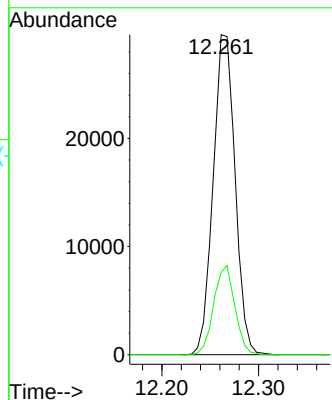
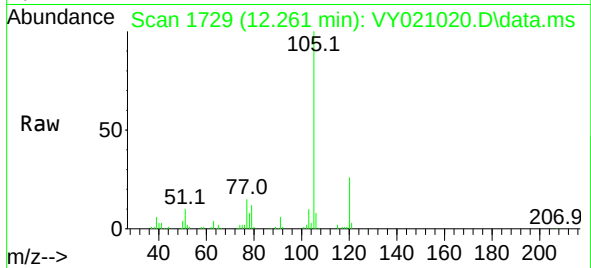




#73
Isopropylbenzene
Concen: 5.869 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

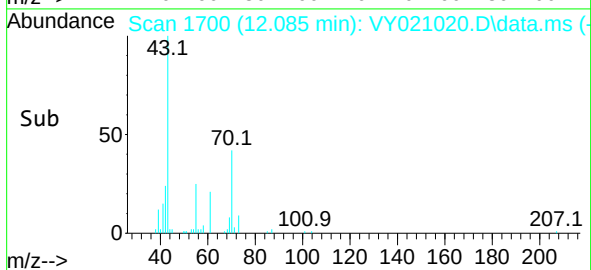
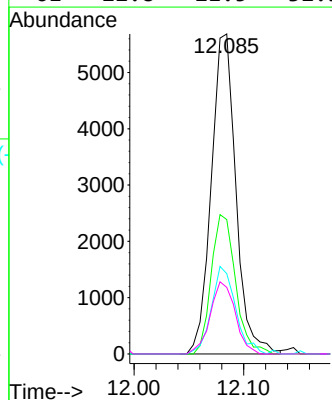
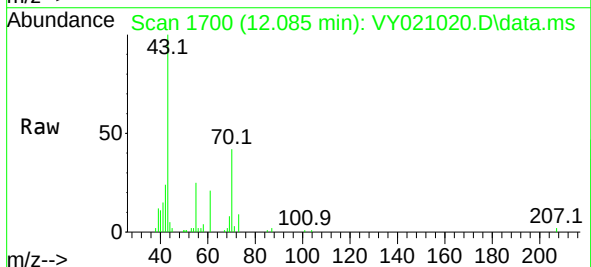
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

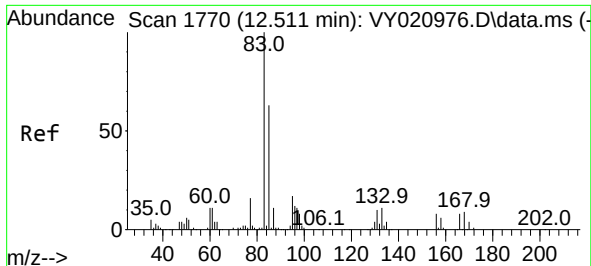
Tgt Ion:105 Resp: 46625
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 6.144 ug/l
RT: 12.085 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 43 Resp: 8887
Ion Ratio Lower Upper
43 100
70 42.9 39.3 58.9
55 26.8 22.3 33.5
61 22.8 21.5 32.3

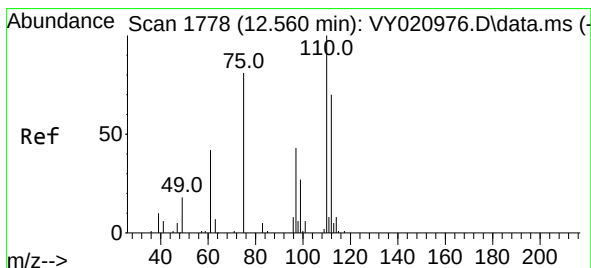
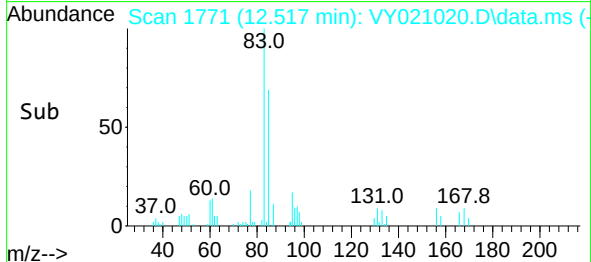
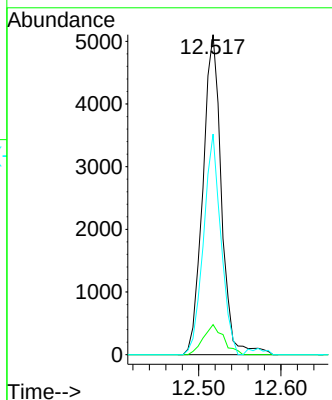
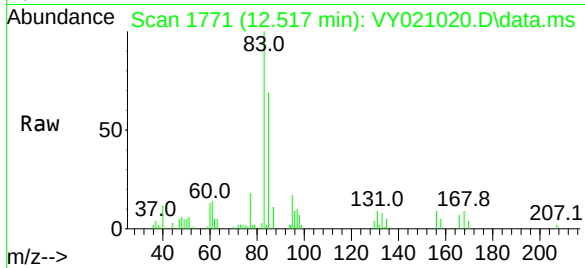




#75
 1,1,2-Tetrachloroethane
 Concen: 6.240 ug/l
 RT: 12.517 min Scan# 1771
 Delta R.T. 0.006 min
 Lab File: VY021020.D
 Acq: 03 Feb 2025 10:35

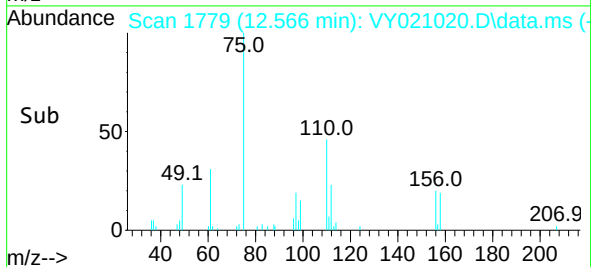
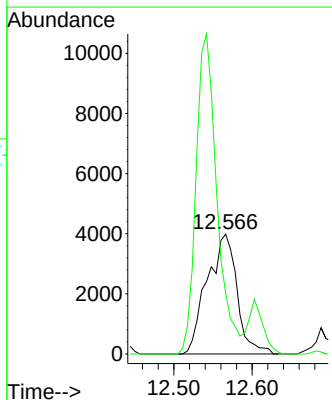
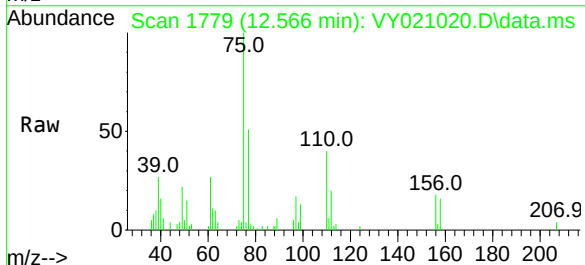
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

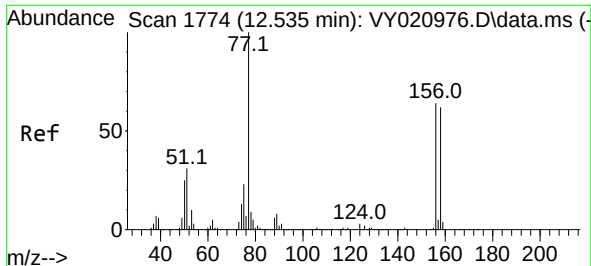
Tgt Ion: 83 Resp: 8001
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.7 17.1
 85 64.6 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 11.844 ug/l
 RT: 12.566 min Scan# 1779
 Delta R.T. 0.006 min
 Lab File: VY021020.D
 Acq: 03 Feb 2025 10:35

Tgt Ion: 75 Resp: 10605
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

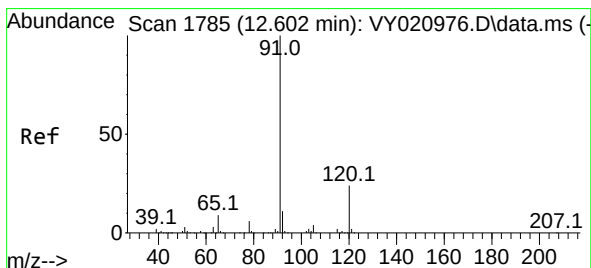
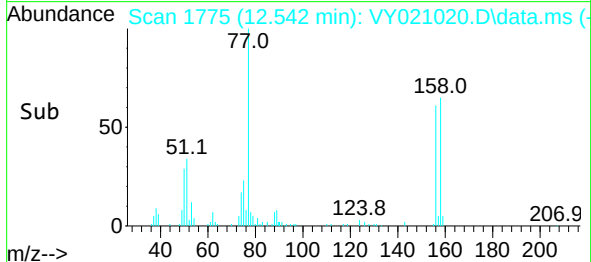
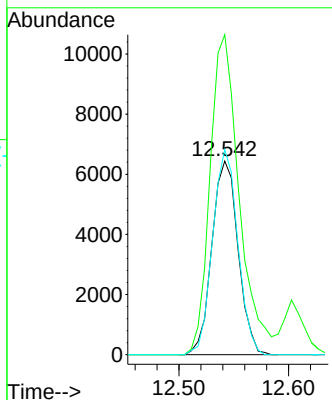
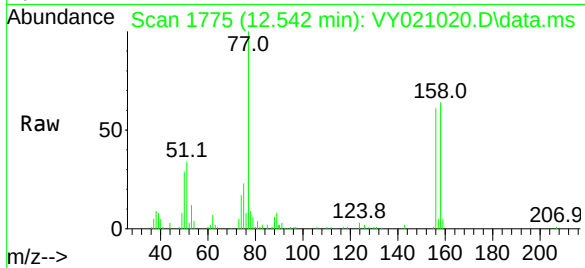




#77
Bromobenzene
Concen: 5.680 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. 0.007 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

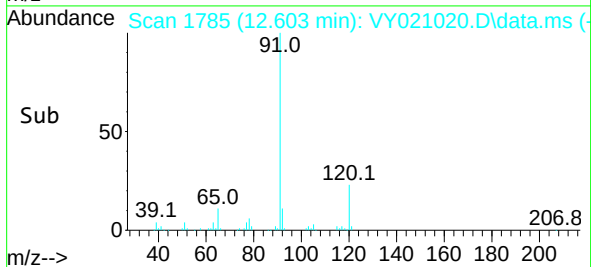
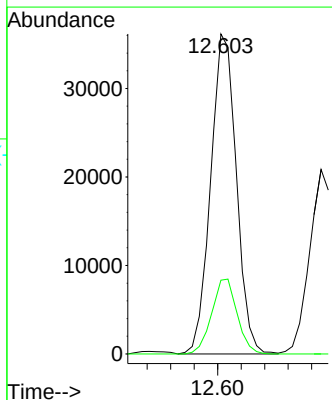
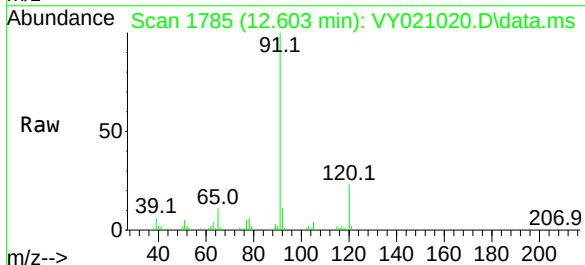
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

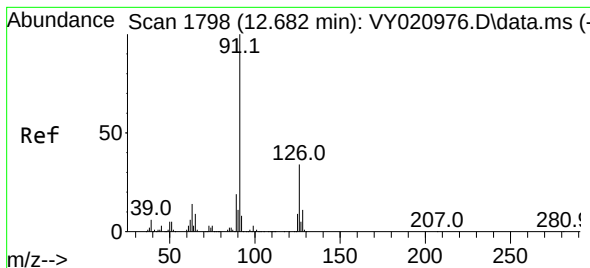
Tgt Ion:156 Resp: 10698
Ion Ratio Lower Upper
156 100
77 183.8 83.3 249.9
158 101.9 48.3 144.9



#78
n-propylbenzene
Concen: 5.907 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 91 Resp: 54990
Ion Ratio Lower Upper
91 100
120 23.2 11.8 35.4

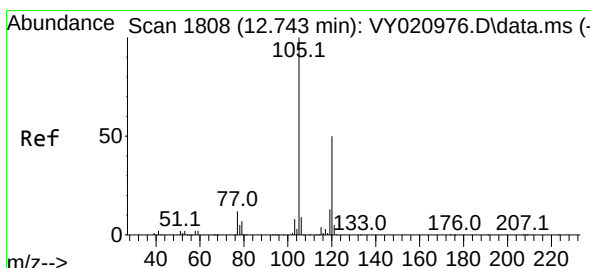
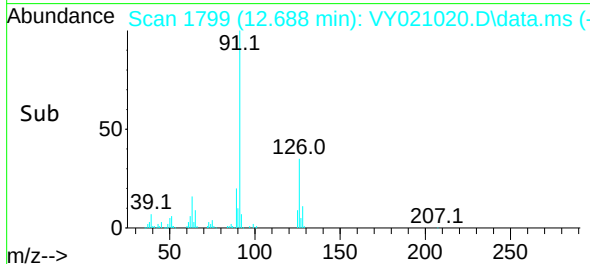
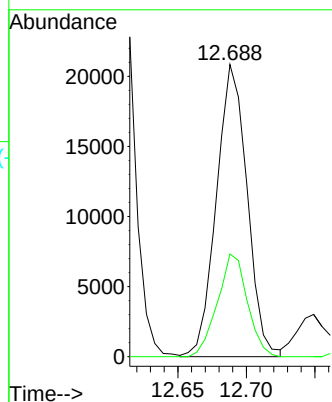
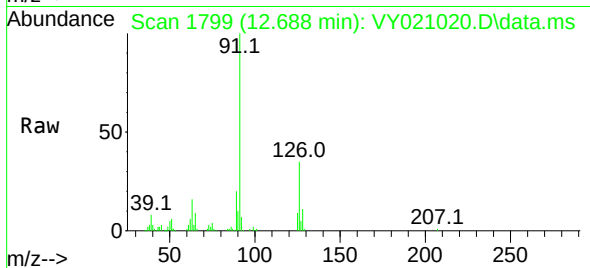




#79
2-Chlorotoluene
Concen: 6.123 ug/l
RT: 12.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

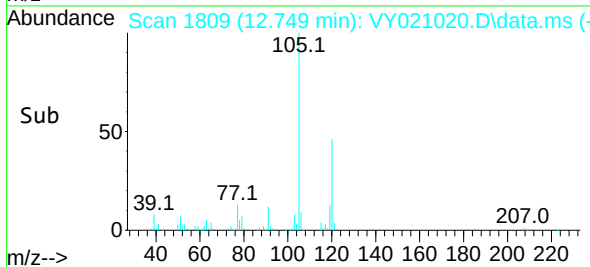
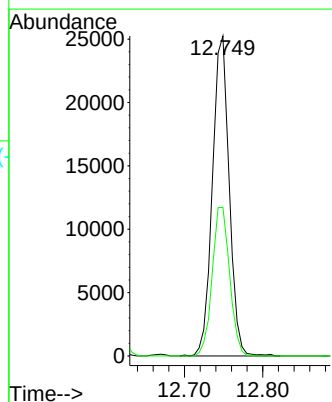
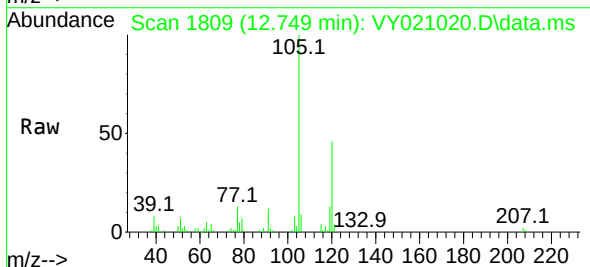
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

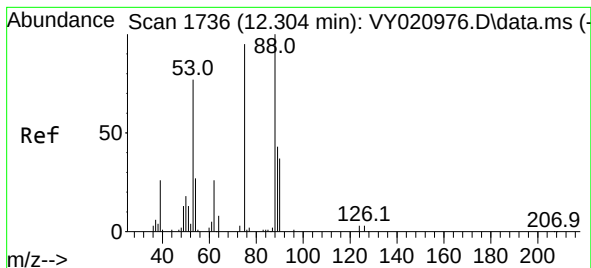
Tgt Ion: 91 Resp: 32479
Ion Ratio Lower Upper
91 100
126 34.2 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 5.772 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 105 Resp: 37564
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9

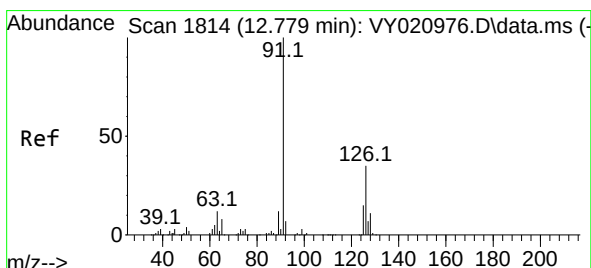
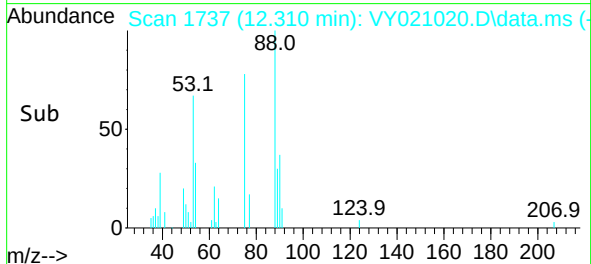
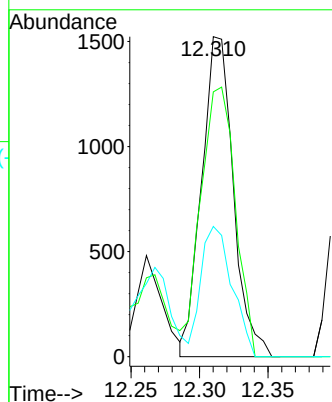
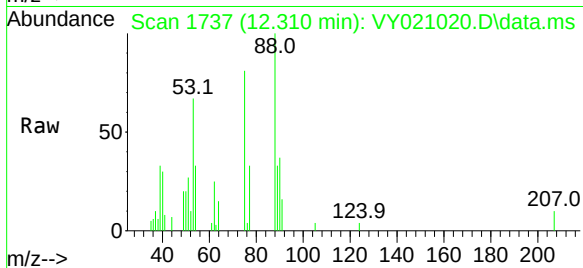




#81
trans-1,4-Dichloro-2-butene
Concen: 5.671 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

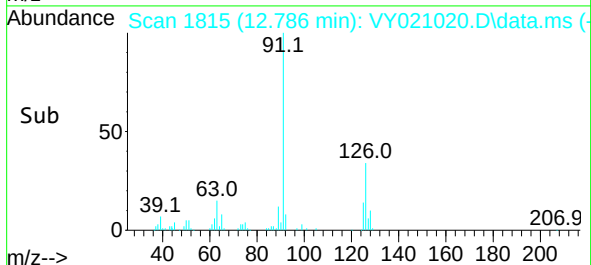
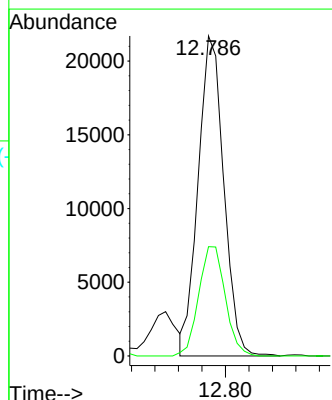
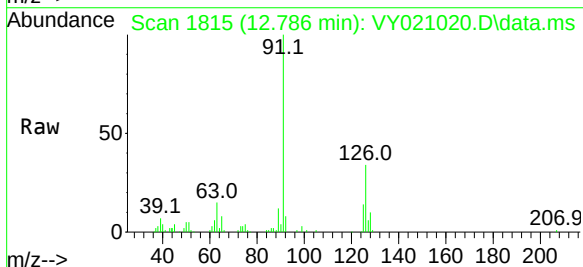
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

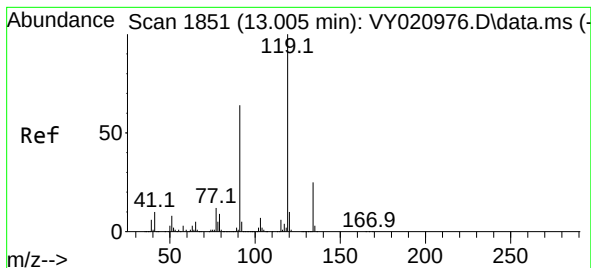
Tgt Ion: 75 Resp: 2446
Ion Ratio Lower Upper
75 100
53 91.8 68.6 103.0
89 40.1 38.1 57.1



#82
4-Chlorotoluene
Concen: 6.046 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 91 Resp: 32824
Ion Ratio Lower Upper
91 100
126 35.5 17.3 52.0





#83

tert-Butylbenzene

Concen: 5.562 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

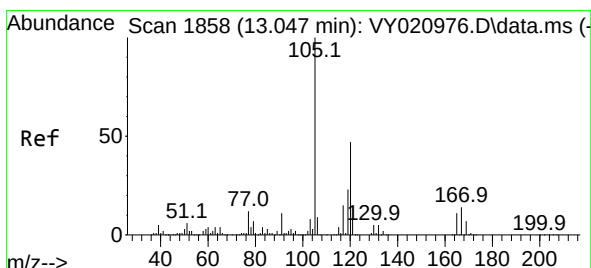
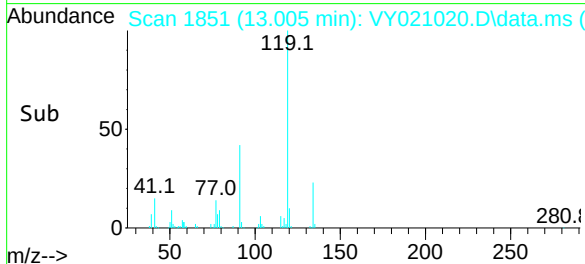
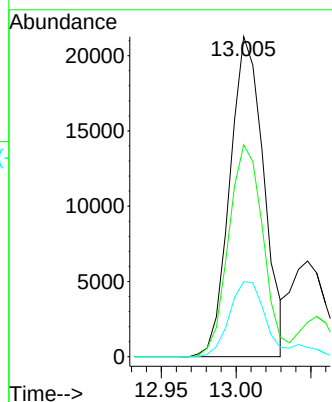
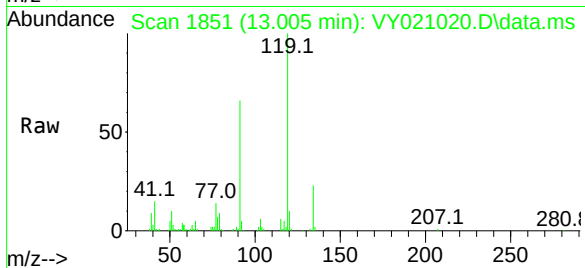
Tgt Ion:119 Resp: 33572

Ion Ratio Lower Upper

119 100

91 67.4 31.4 94.0

134 24.6 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 5.665 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.007 min

Lab File: VY021020.D

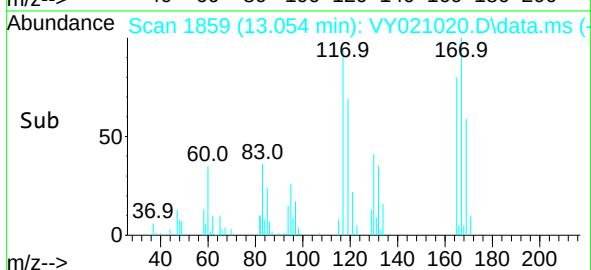
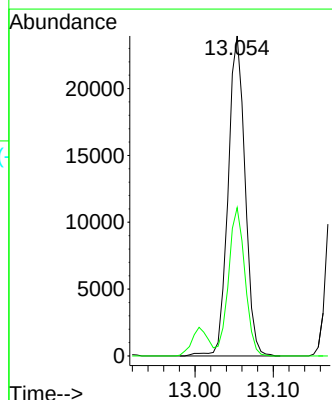
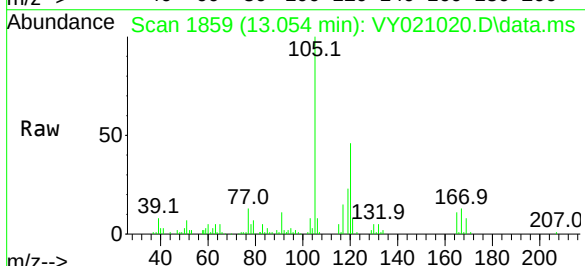
Acq: 03 Feb 2025 10:35

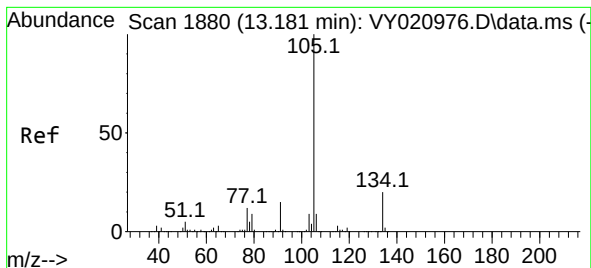
Tgt Ion:105 Resp: 36016

Ion Ratio Lower Upper

105 100

120 45.0 22.7 68.0





#85

sec-Butylbenzene

Concen: 5.831 ug/l

RT: 13.188 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

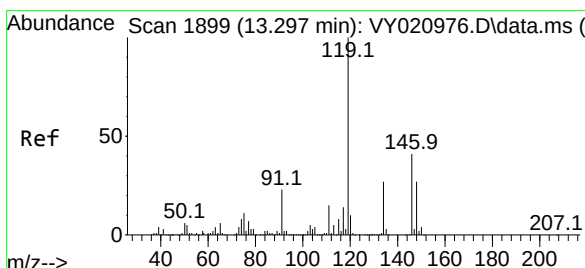
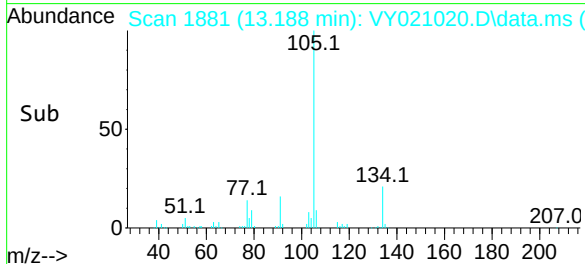
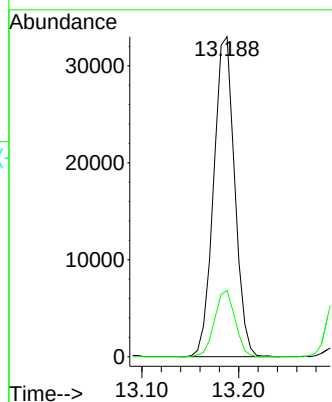
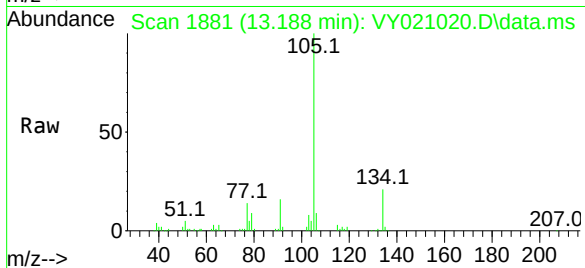
VSTDIC005

Tgt Ion:105 Resp: 49828

Ion Ratio Lower Upper

105 100

134 20.2 10.3 30.8



#86

p-Isopropyltoluene

Concen: 5.597 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

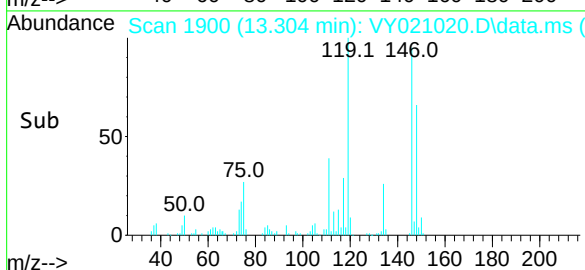
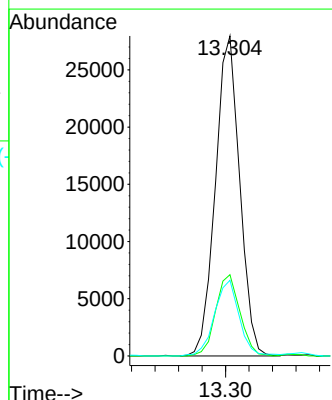
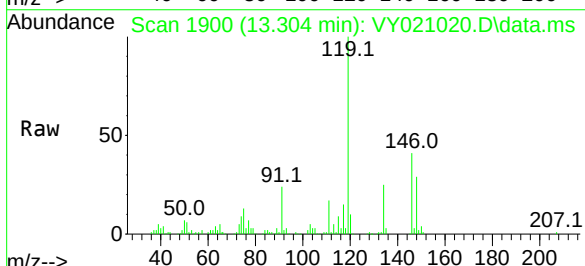
Tgt Ion:119 Resp: 40197

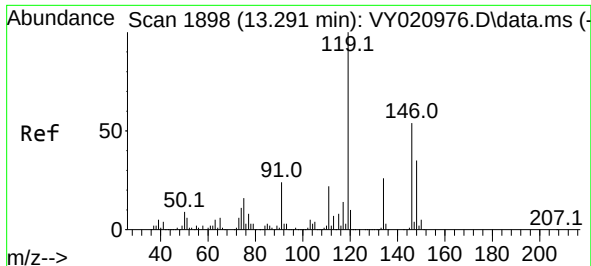
Ion Ratio Lower Upper

119 100

134 25.3 13.1 39.3

91 24.1 11.5 34.5

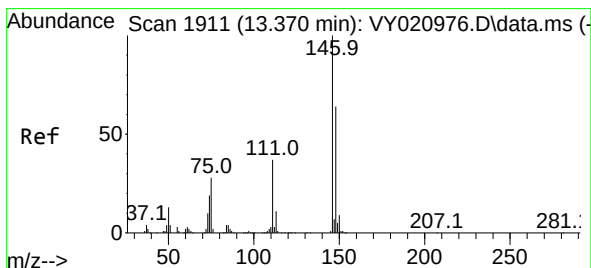
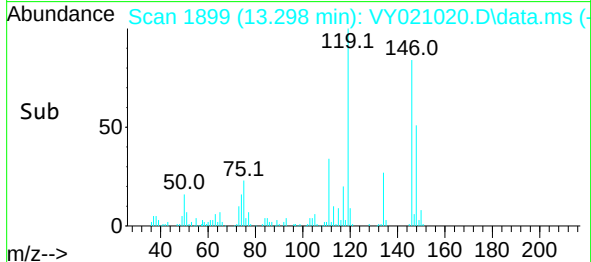
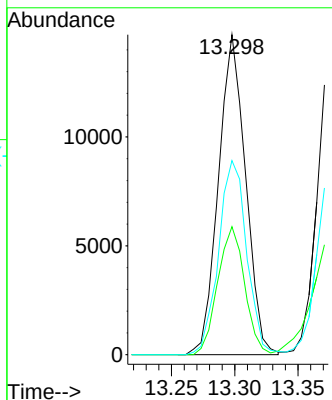
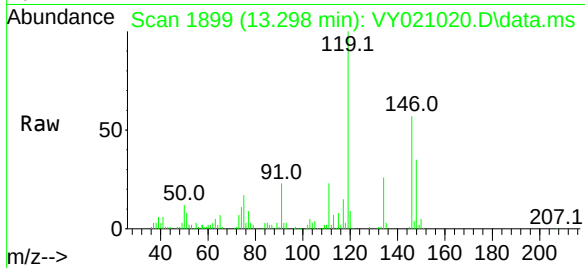




#87
 1,3-Dichlorobenzene
 Concen: 5.966 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY021020.D
 Acq: 03 Feb 2025 10:35

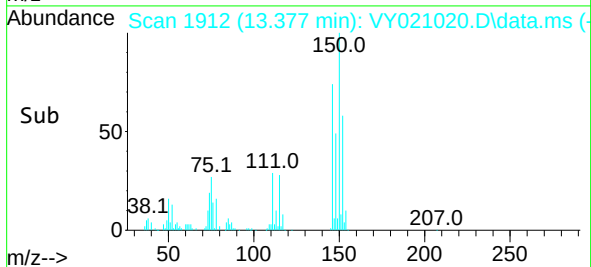
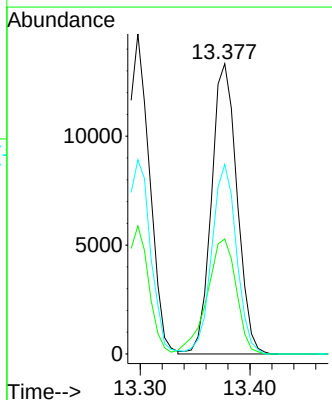
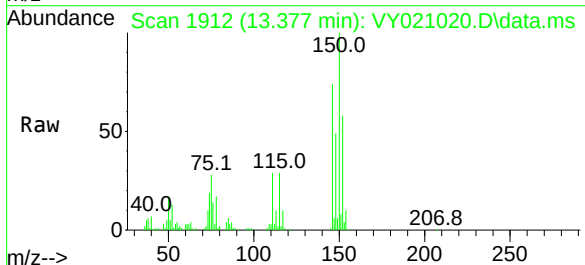
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

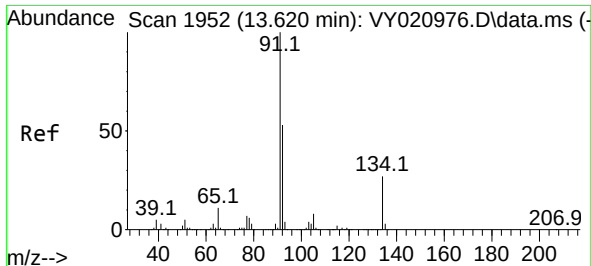
Tgt Ion:146 Resp: 21910
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.7 59.1
 148 63.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 5.910 ug/l
 RT: 13.377 min Scan# 1912
 Delta R.T. 0.006 min
 Lab File: VY021020.D
 Acq: 03 Feb 2025 10:35

Tgt Ion:146 Resp: 21553
 Ion Ratio Lower Upper
 146 100
 111 45.5 19.0 57.0
 148 63.4 31.6 95.0

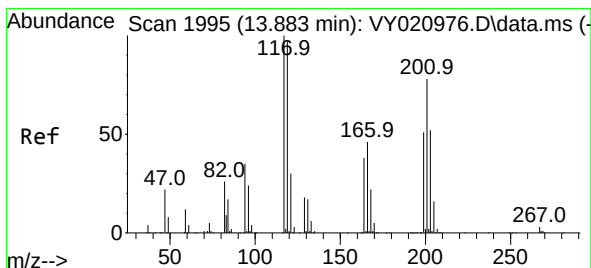
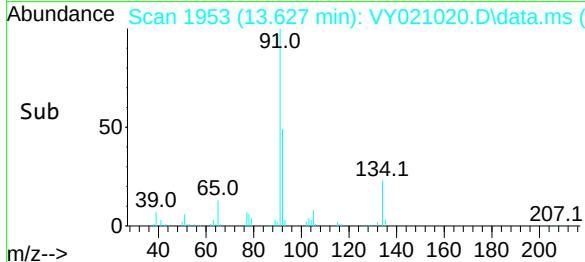
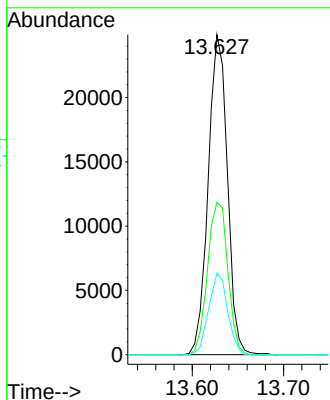
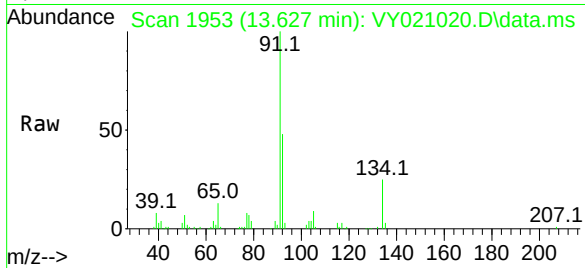




#89
n-Butylbenzene
Concen: 5.630 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

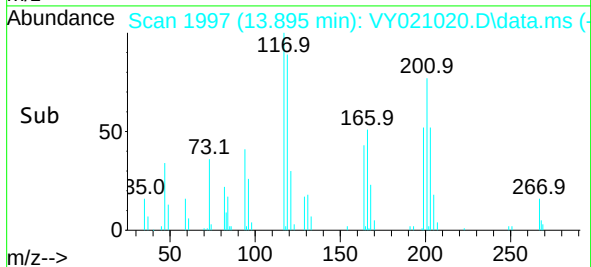
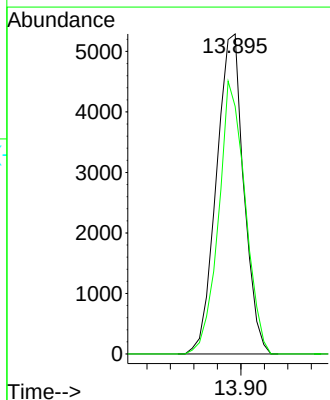
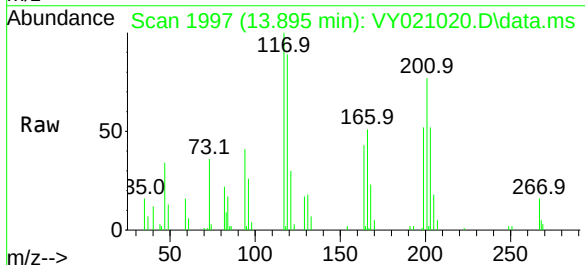
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

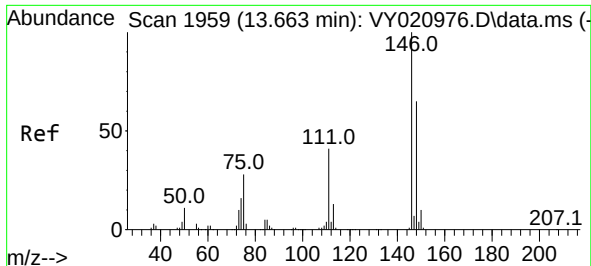
Tgt Ion: 91 Resp: 36214
Ion Ratio Lower Upper
91 100
92 50.4 26.7 80.1
134 25.2 13.7 41.1



#90
Hexachloroethane
Concen: 5.891 ug/l
RT: 13.895 min Scan# 1997
Delta R.T. 0.013 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion: 117 Resp: 8559
Ion Ratio Lower Upper
117 100
201 82.8 42.5 127.5





#91

1,2-Dichlorobenzene

Concen: 5.892 ug/l

RT: 13.670 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

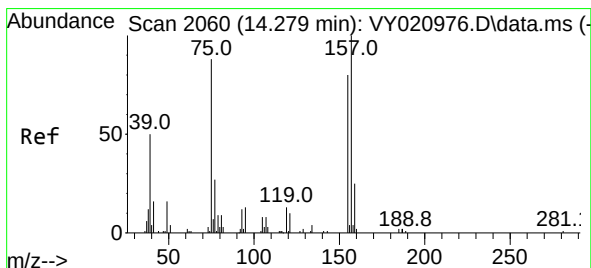
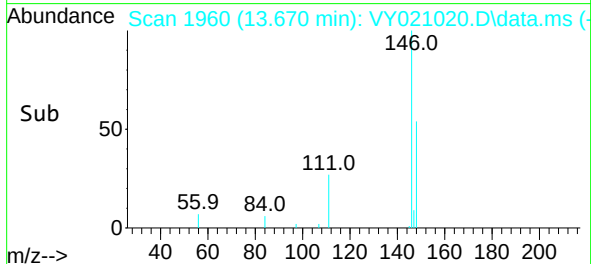
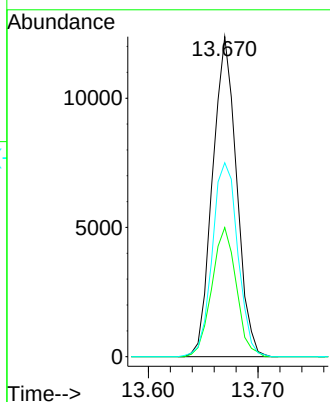
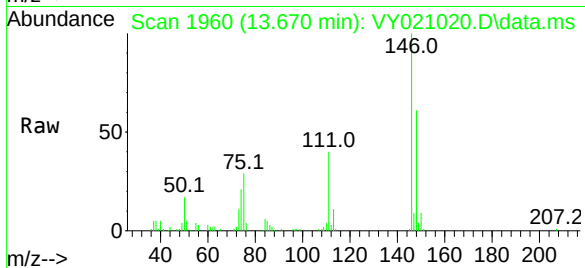
Tgt Ion:146 Resp: 18869

Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.8

148 64.4 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.699 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

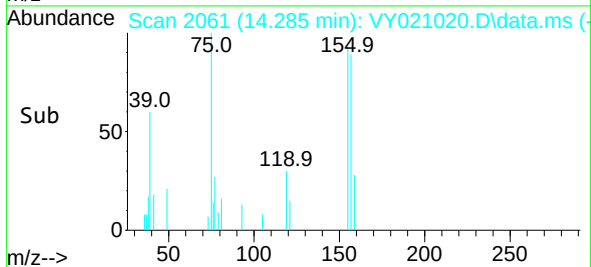
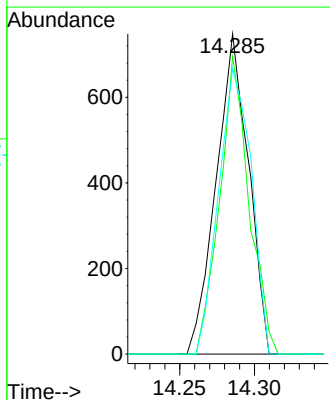
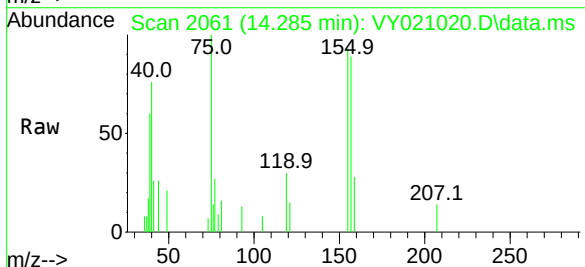
Tgt Ion: 75 Resp: 1125

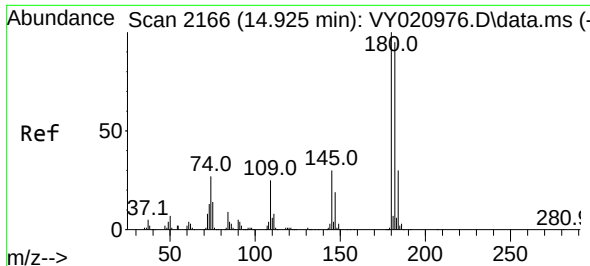
Ion Ratio Lower Upper

75 100

155 84.4 45.9 137.6

157 90.1 59.3 177.9

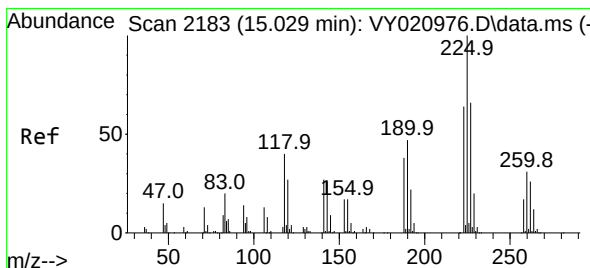
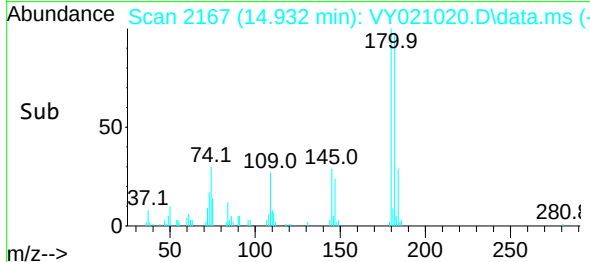
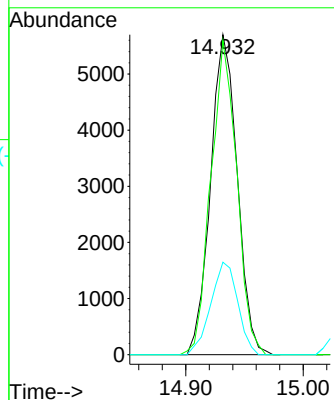
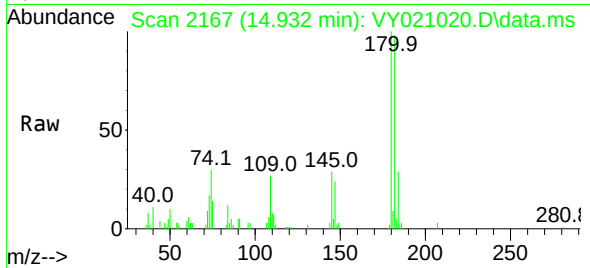




#93
1,2,4-Trichlorobenzene
Concen: 4.590 ug/l
RT: 14.932 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

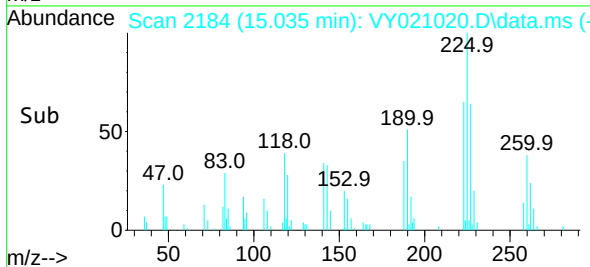
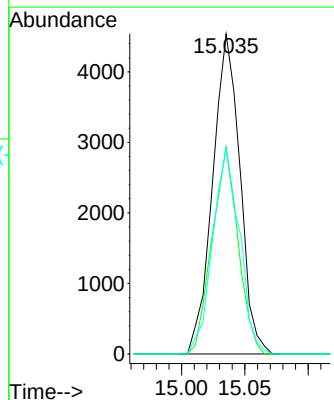
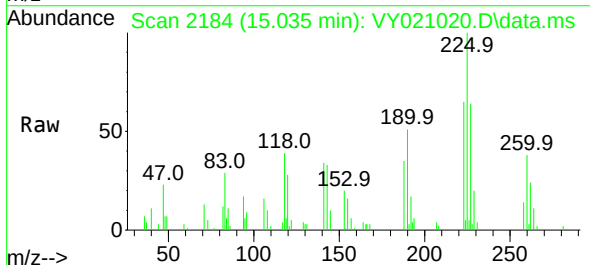
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

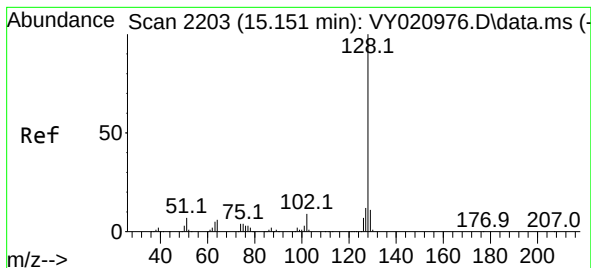
Tgt Ion:180 Resp: 9000
Ion Ratio Lower Upper
180 100
182 95.2 48.3 144.8
145 29.2 15.3 45.8



#94
Hexachlorobutadiene
Concen: 5.001 ug/l
RT: 15.035 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VY021020.D
Acq: 03 Feb 2025 10:35

Tgt Ion:225 Resp: 6792
Ion Ratio Lower Upper
225 100
223 61.7 31.4 94.2
227 63.1 31.8 95.3





#95

Naphthalene

Concen: 3.847 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

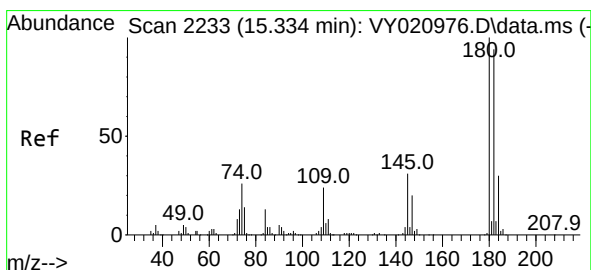
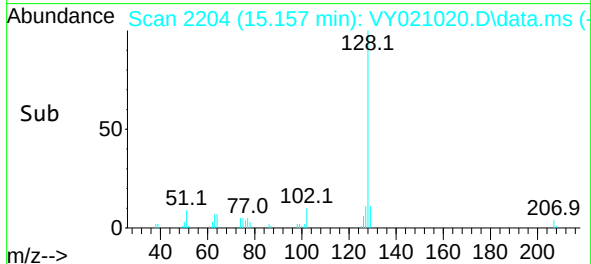
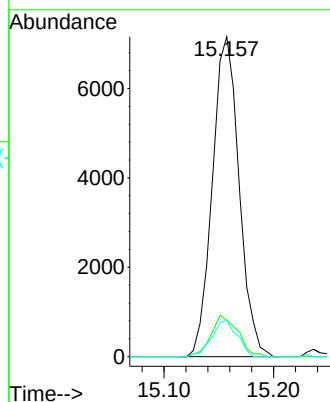
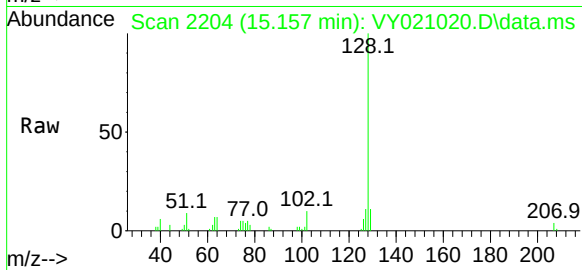
Tgt Ion:128 Resp: 12124

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 4.375 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021020.D

Acq: 03 Feb 2025 10:35

Tgt Ion:180 Resp: 7255

Ion Ratio Lower Upper

180 100

182 100.1 47.7 143.1

145 33.2 15.6 46.7

