

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021022.D
 Acq On : 03 Feb 2025 11:20
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 03 12:38:26 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	7.713	168	183569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	284501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	244590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	116948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	35087	22.450	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	44.900%#
35) Dibromofluoromethane	7.640	113	34279	20.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.080%#
50) Toluene-d8	10.109	98	129662	19.423	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	38.840%#
62) 4-Bromofluorobenzene	12.414	95	42182	18.831	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	37.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	30336	19.435	ug/l	99
3) Chloromethane	2.074	50	29923	30.154	ug/l	98
4) Vinyl Chloride	2.208	62	29658	28.986	ug/l	99
5) Bromomethane	2.598	94	18302	26.423	ug/l	90
6) Chloroethane	2.739	64	17634	29.503	ug/l	97
7) Trichlorofluoromethane	3.068	101	55451	22.457	ug/l	98
8) Diethyl Ether	3.458	74	18232	24.733	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.830	101	34675	20.855	ug/l	95
10) Methyl Iodide	4.013	142	38697	20.338	ug/l	99
11) Tert butyl alcohol	4.878	59	12889	112.894	ug/l #	90
12) 1,1-Dichloroethene	3.793	96	32389	20.845	ug/l	90
13) Acrolein	3.659	56	20427	155.371	ug/l	100
14) Allyl chloride	4.391	41	55315	25.859	ug/l	92
15) Acrylonitrile	5.067	53	38612	127.343	ug/l	97
16) Acetone	3.873	43	28518	133.874	ug/l	95
17) Carbon Disulfide	4.116	76	101973	21.308	ug/l	99
18) Methyl Acetate	4.391	43	19673	26.393	ug/l	92
19) Methyl tert-butyl Ether	5.116	73	85748	23.710	ug/l	98
20) Methylene Chloride	4.629	84	34701	22.087	ug/l	94
21) trans-1,2-Dichloroethene	5.122	96	36879	22.137	ug/l	94
22) Diisopropyl ether	6.025	45	120281	27.585	ug/l	94
23) Vinyl Acetate	5.970	43	331355	137.224	ug/l	95
24) 1,1-Dichloroethane	5.927	63	67799	24.102	ug/l	98
25) 2-Butanone	6.902	43	46083	127.520	ug/l	95
26) 2,2-Dichloropropane	6.890	77	61862	22.336	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	42356	22.120	ug/l	93
28) Bromochloromethane	7.250	49	27966	26.684	ug/l	83
29) Tetrahydrofuran	7.268	42	32271	132.707	ug/l	90
30) Chloroform	7.427	83	69562	22.832	ug/l	98
31) Cyclohexane	7.707	56	59268	21.556	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	63645	21.585	ug/l	96
36) 1,1-Dichloropropene	7.841	75	50918	20.868	ug/l	96
37) Ethyl Acetate	6.988	43	23724	26.080	ug/l #	96
38) Carbon Tetrachloride	7.823	117	59433	19.683	ug/l	96
39) Methylcyclohexane	9.116	83	61029	18.619	ug/l	92
40) Benzene	8.085	78	150967	21.027	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021022.D
 Acq On : 03 Feb 2025 11:20
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 03 12:38:26 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)
41) Methacrylonitrile	7.262	41	31453	62.491	ug/l #	43
42) 1,2-Dichloroethane	8.164	62	41726	22.916	ug/l	98
43) Isopropyl Acetate	8.201	43	45505	25.040	ug/l	97
44) Trichloroethene	8.872	130	38841	19.606	ug/l	100
45) 1,2-Dichloropropane	9.146	63	36268	22.538	ug/l	99
46) Dibromomethane	9.237	93	20417	21.802	ug/l	93
47) Bromodichloromethane	9.426	83	53424	21.723	ug/l	97
48) Methyl methacrylate	9.225	41	19957	23.066	ug/l	91
49) 1,4-Dioxane	9.237	88	3939	395.839	ug/l #	90
51) 4-Methyl-2-Pentanone	10.006	43	114844	122.983	ug/l	94
52) Toluene	10.176	92	95614	20.517	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	47690	21.429	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	57105	21.469	ug/l #	89
55) 1,1,2-Trichloroethane	10.579	97	26314	21.129	ug/l	98
56) Ethyl methacrylate	10.445	69	34126	20.963	ug/l #	86
57) 1,3-Dichloropropane	10.725	76	45784	21.690	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	83057	120.208	ug/l	95
59) 2-Hexanone	10.768	43	72555	119.535	ug/l	92
60) Dibromochloromethane	10.914	129	36853	20.754	ug/l	99
61) 1,2-Dibromoethane	11.018	107	24505	20.600	ug/l	97
64) Tetrachloroethene	10.652	164	34418	18.655	ug/l	97
65) Chlorobenzene	11.444	112	103141	20.015	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.524	131	36817	20.130	ug/l	99
67) Ethyl Benzene	11.524	91	182430	20.446	ug/l	99
68) m/p-Xylenes	11.633	106	138826	40.497	ug/l	97
69) o-Xylene	11.963	106	64616	20.276	ug/l	98
70) Styrene	11.975	104	108143	20.439	ug/l	99
71) Bromoform	12.139	173	21254	19.718	ug/l #	100
73) Isopropylbenzene	12.261	105	171836	20.921	ug/l	100
74) N-amyl acetate	12.078	43	37235	24.896	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.511	83	29712	22.410	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	38943	42.065	ug/l #	100
77) Bromobenzene	12.536	156	40491	20.793	ug/l	95
78) n-propylbenzene	12.603	91	206279	21.429	ug/l	98
79) 2-Chlorotoluene	12.688	91	118673	21.638	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	142319	21.150	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	9872	22.135	ug/l	93
82) 4-Chlorotoluene	12.786	91	121872	21.712	ug/l	100
83) tert-Butylbenzene	13.005	119	128881	20.651	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	139446	21.214	ug/l	99
85) sec-Butylbenzene	13.182	105	185044	20.943	ug/l	99
86) p-Isopropyltoluene	13.298	119	154555	20.815	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	77631	20.446	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	76342	20.248	ug/l	97
89) n-Butylbenzene	13.627	91	138532	20.829	ug/l	98
90) Hexachloroethane	13.889	117	31796	21.166	ug/l	93
91) 1,2-Dichlorobenzene	13.663	146	67363	20.344	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4160	20.380	ug/l	88
93) 1,2,4-Trichlorobenzene	14.932	180	34770	17.150	ug/l	98
94) Hexachlorobutadiene	15.029	225	24481	17.435	ug/l	97
95) Naphthalene	15.151	128	55021	16.886	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	29301	17.090	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021022.D
Acq On : 03 Feb 2025 11:20
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Feb 03 12:38:26 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

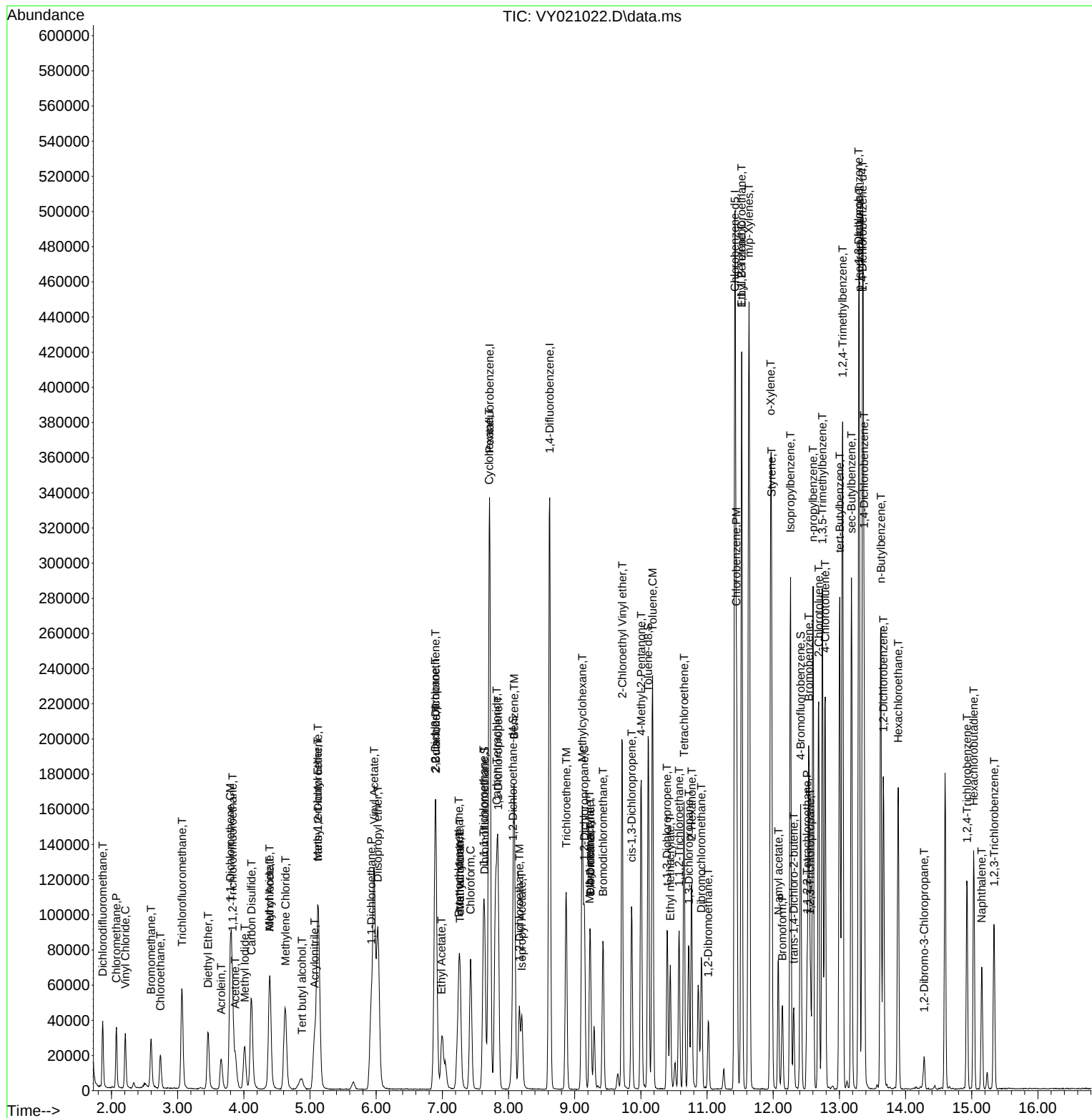
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

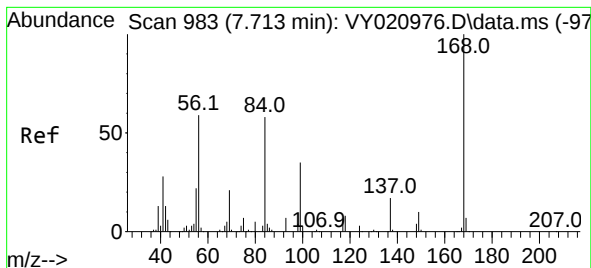
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021022.D
 Acq On : 03 Feb 2025 11:20
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 03 12:38:26 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

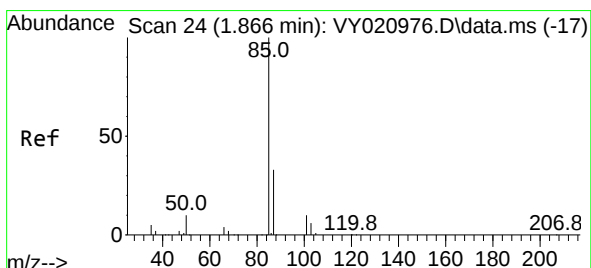
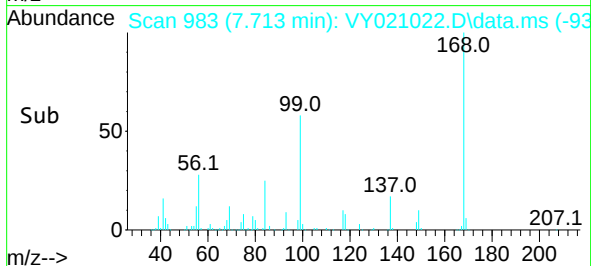
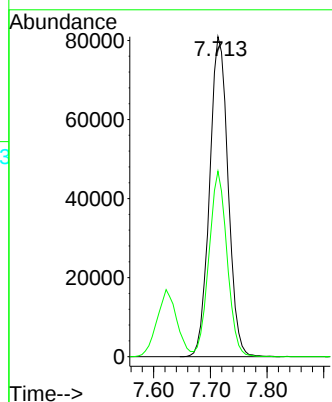
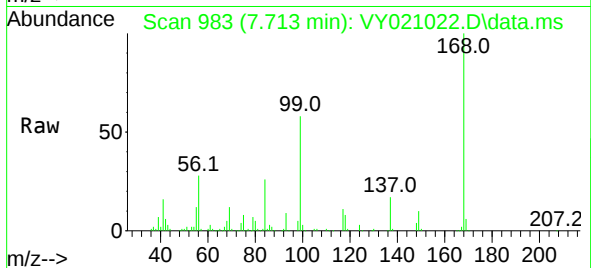
VSTDICC020

Tgt Ion:168 Resp: 183569

Ion Ratio Lower Upper

168 100

99 57.9 42.2 63.2



#2

Dichlorodifluoromethane

Concen: 19.435 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY021022.D

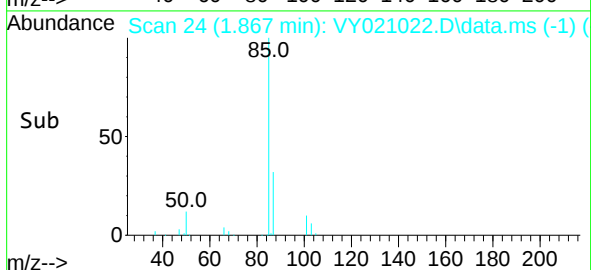
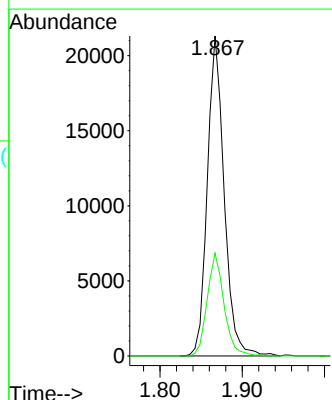
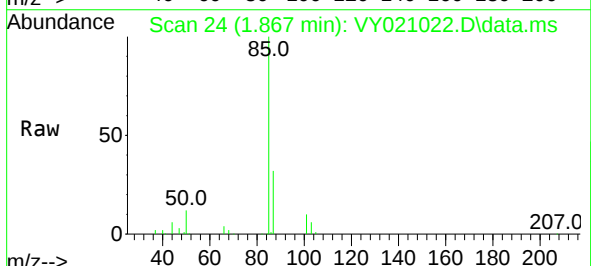
Acq: 03 Feb 2025 11:20

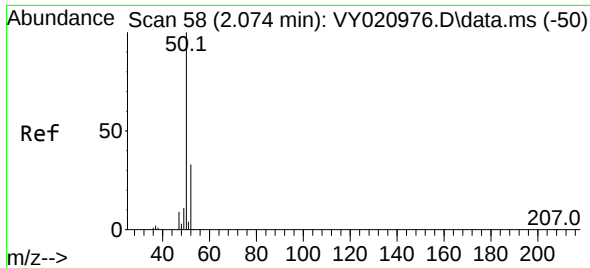
Tgt Ion: 85 Resp: 30336

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.9

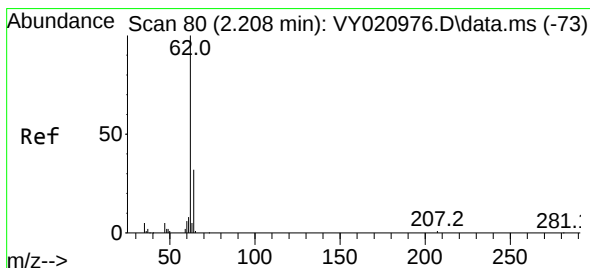
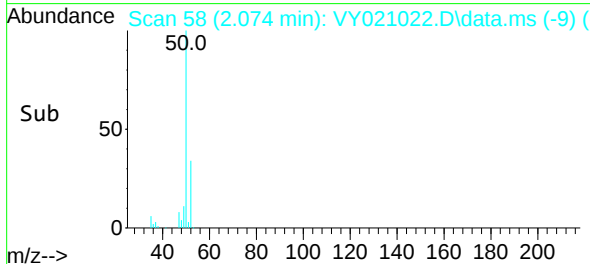
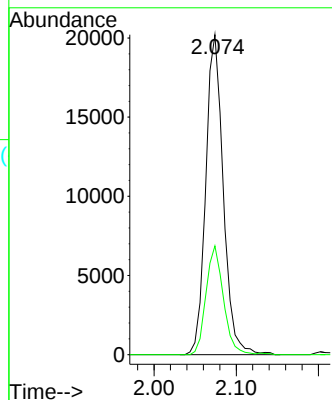
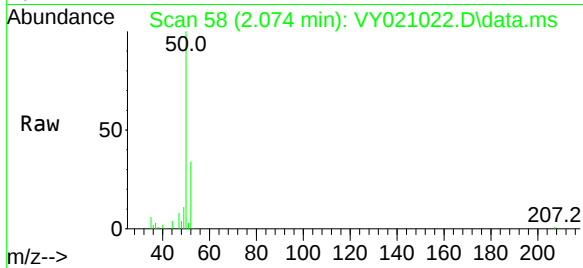




#3
Chloromethane
Concen: 30.154 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

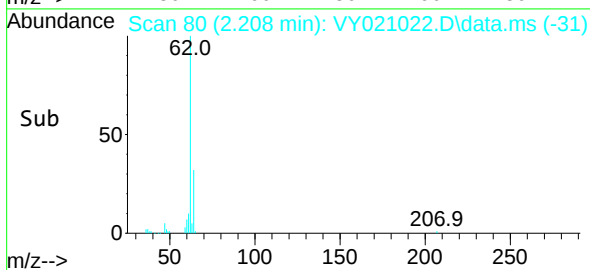
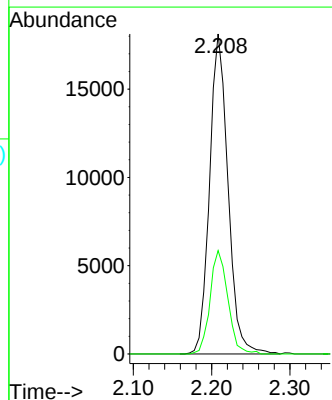
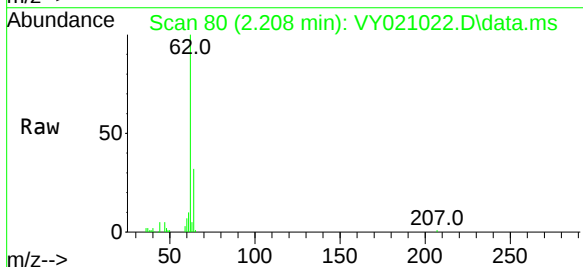
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

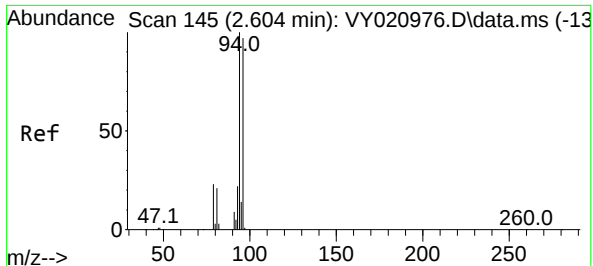
Tgt Ion: 50 Resp: 29923
Ion Ratio Lower Upper
50 100
52 34.0 26.3 39.5



#4
Vinyl Chloride
Concen: 28.986 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 62 Resp: 29658
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.2

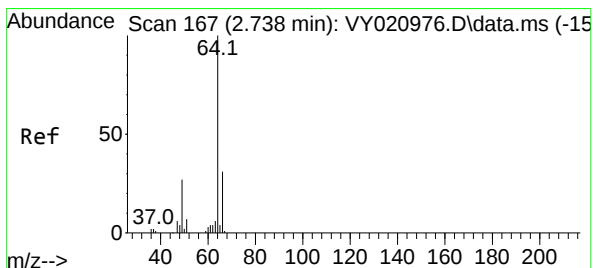
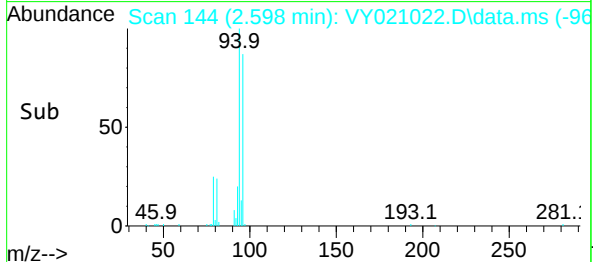
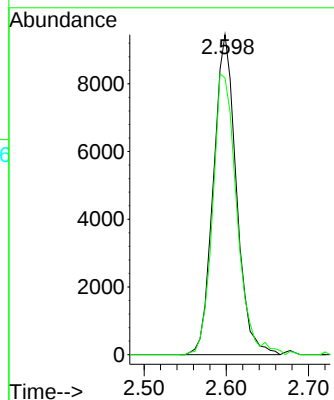
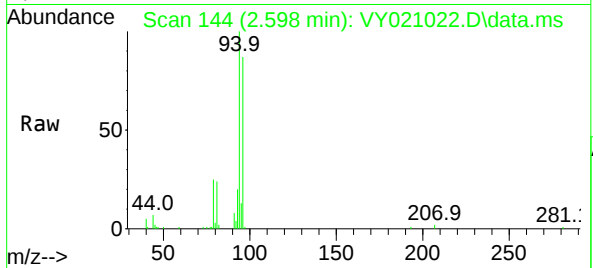




#5
Bromomethane
Concen: 26.423 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

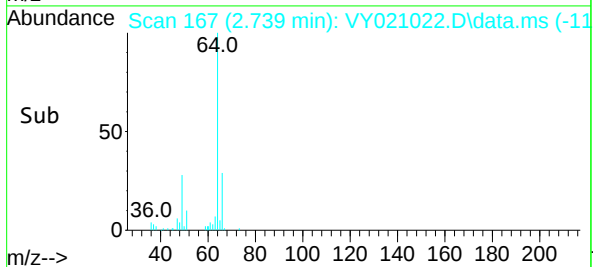
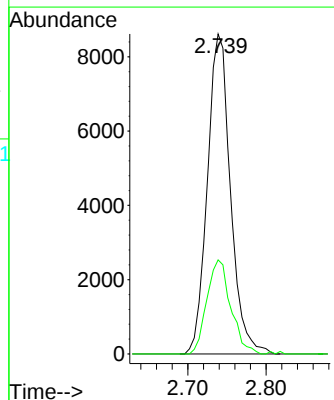
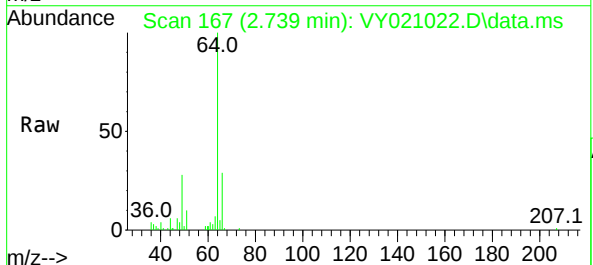
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

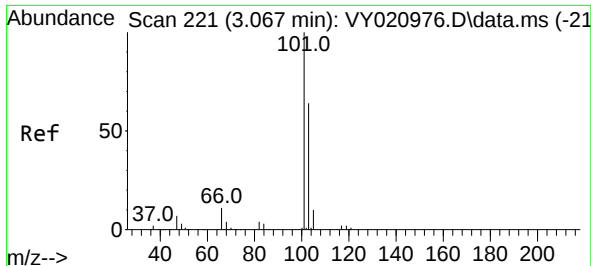
Tgt Ion: 94 Resp: 18302
Ion Ratio Lower Upper
94 100
96 86.5 77.4 116.0



#6
Chloroethane
Concen: 29.503 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 64 Resp: 17634
Ion Ratio Lower Upper
64 100
66 29.4 25.0 37.4

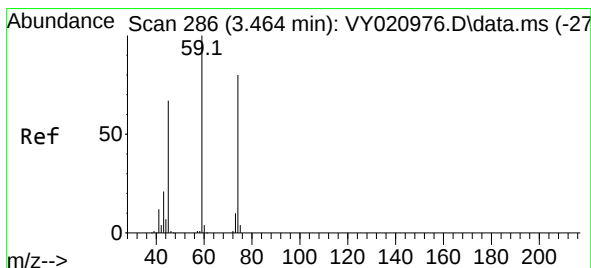
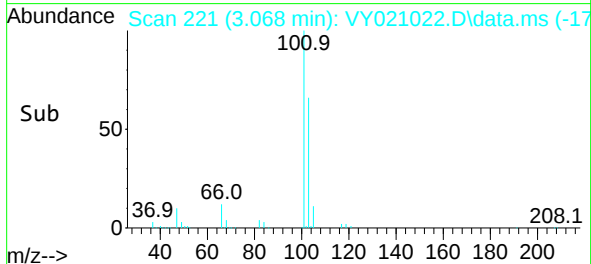
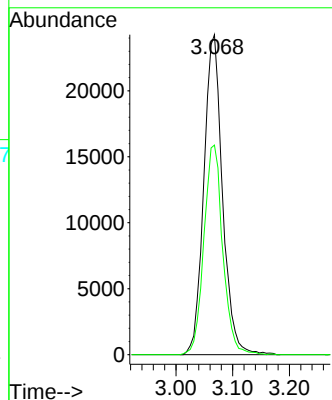
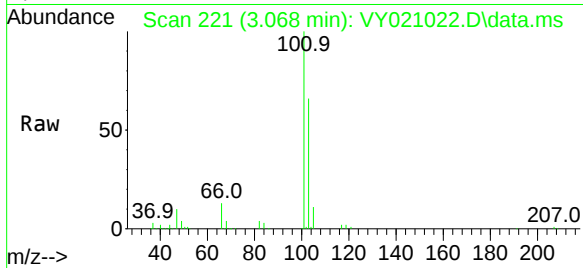




#7
 Trichlorofluoromethane
 Concen: 22.457 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY021022.D
 Acq: 03 Feb 2025 11:20

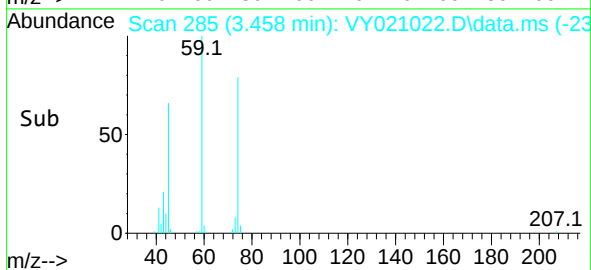
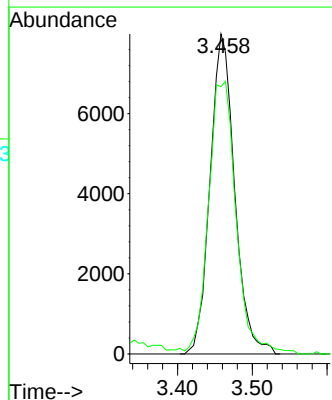
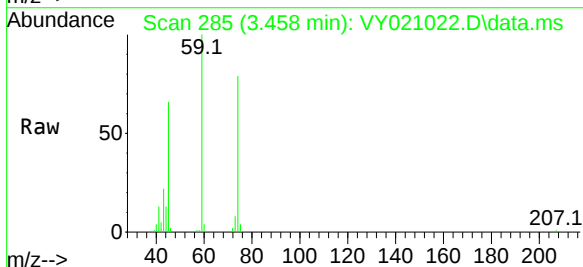
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

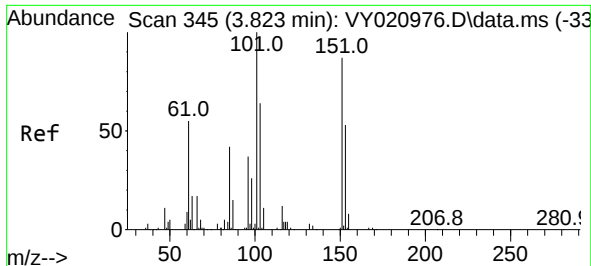
Tgt Ion:101 Resp: 55451
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.9 76.3



#8
 Diethyl Ether
 Concen: 24.733 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY021022.D
 Acq: 03 Feb 2025 11:20

Tgt Ion: 74 Resp: 18232
 Ion Ratio Lower Upper
 74 100
 45 95.6 43.4 130.2

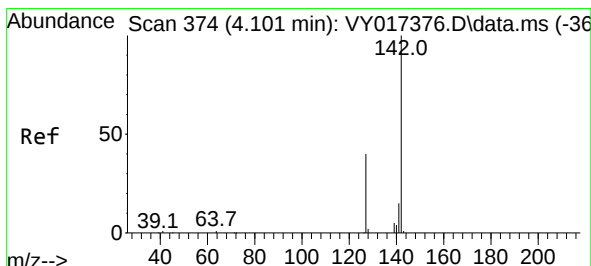
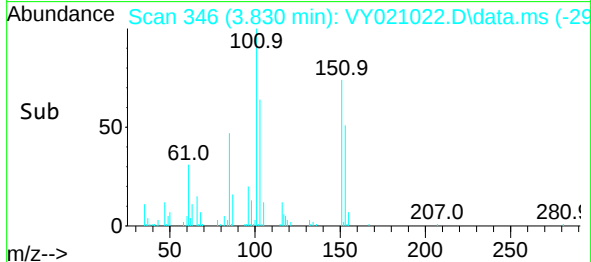
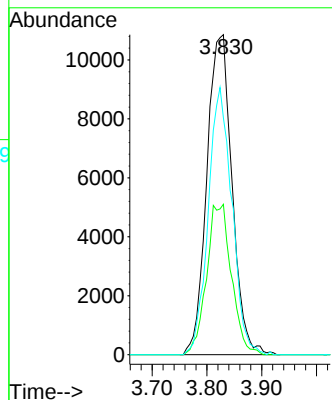
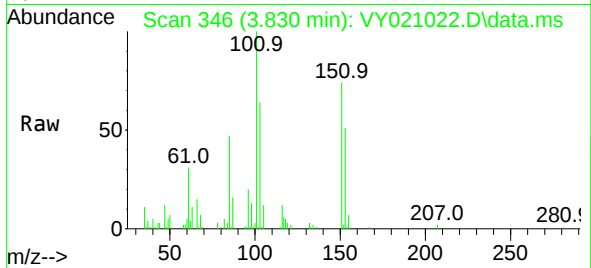




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.855 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

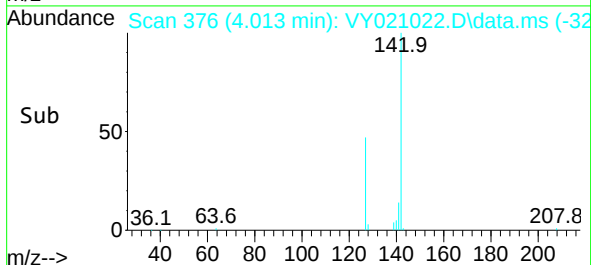
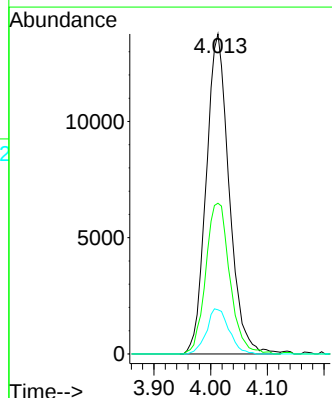
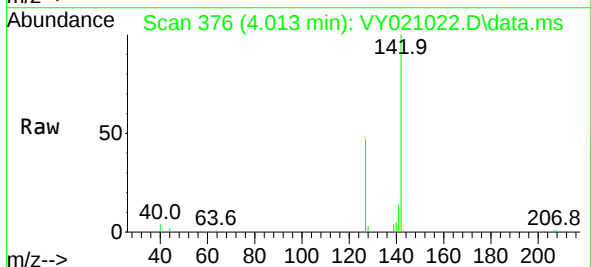
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

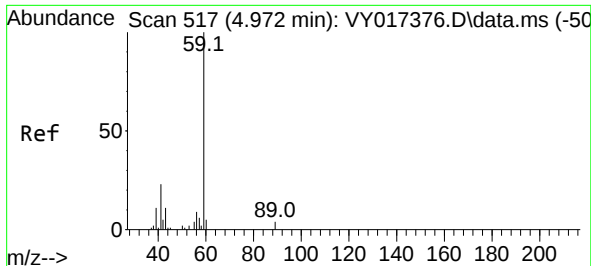
Tgt Ion:101 Resp: 34675
Ion Ratio Lower Upper
101 100
85 46.3 34.9 52.3
151 78.7 66.8 100.2



#10
Methyl Iodide
Concen: 20.338 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:142 Resp: 38697
Ion Ratio Lower Upper
142 100
127 49.5 38.9 58.3
141 13.8 11.7 17.5

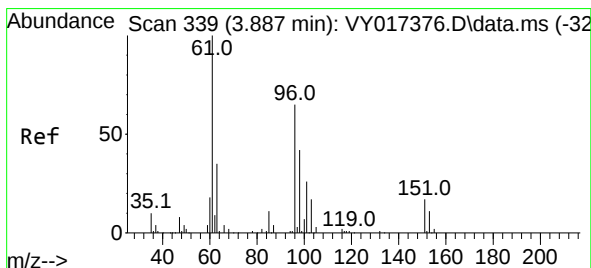
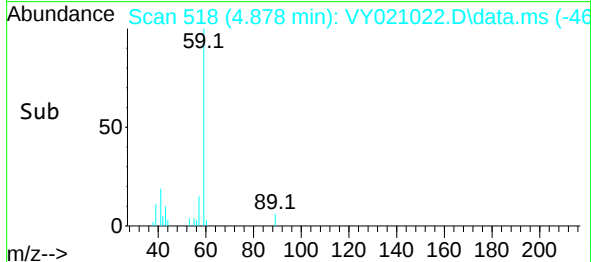
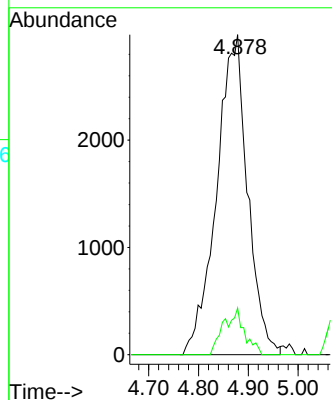
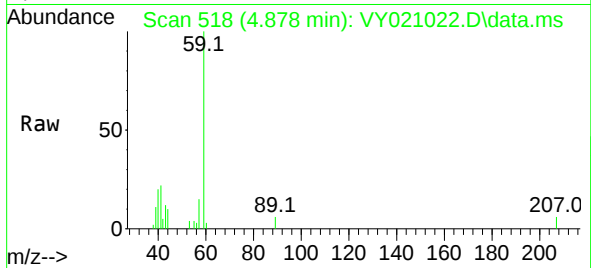




#11
Tert butyl alcohol
Concen: 112.894 ug/l
RT: 4.878 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

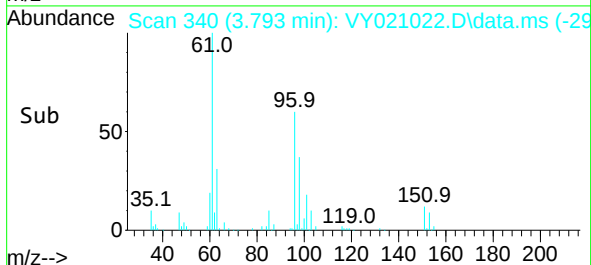
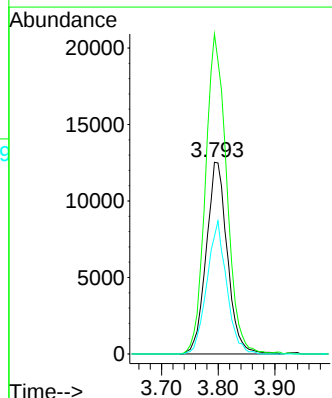
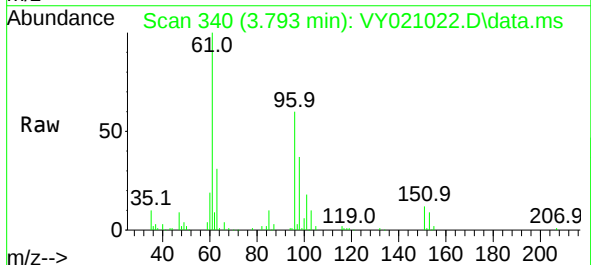
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

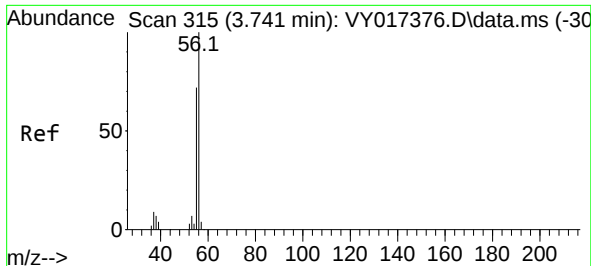
Tgt Ion: 59 Resp: 12889
Ion Ratio Lower Upper
59 100
57 6.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.845 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 96 Resp: 32389
Ion Ratio Lower Upper
96 100
61 166.9 120.8 181.2
98 61.3 50.6 76.0





#13

Acrolein

Concen: 155.371 ug/l

RT: 3.659 min Scan# 315

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

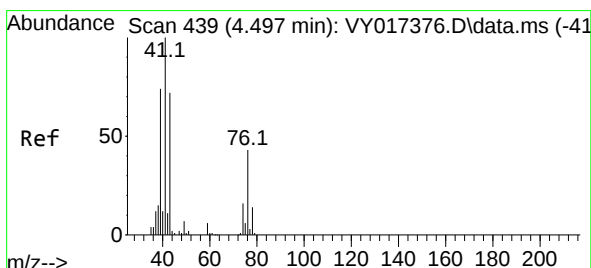
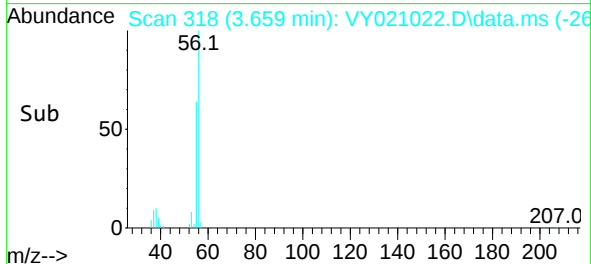
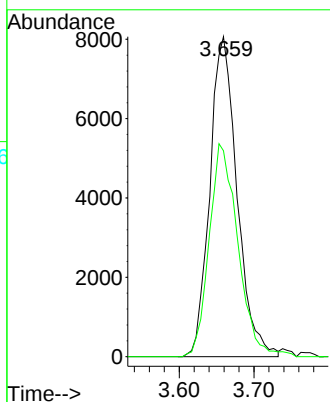
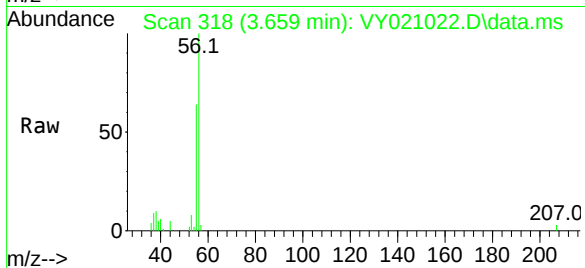
VSTDICC020

Tgt Ion: 56 Resp: 20427

Ion Ratio Lower Upper

56 100

55 70.3 56.1 84.1



#14

Allyl chloride

Concen: 25.859 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

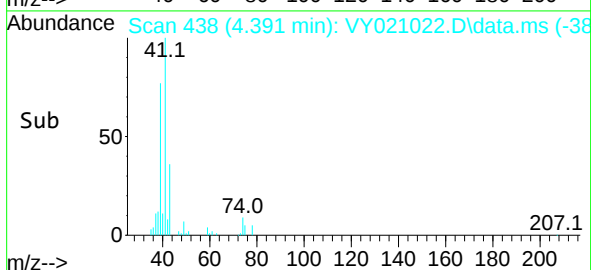
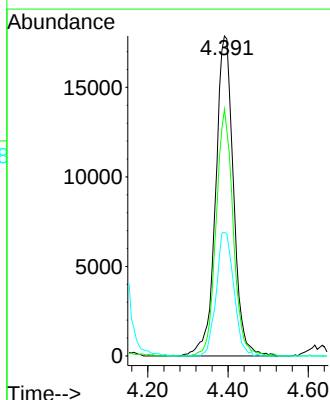
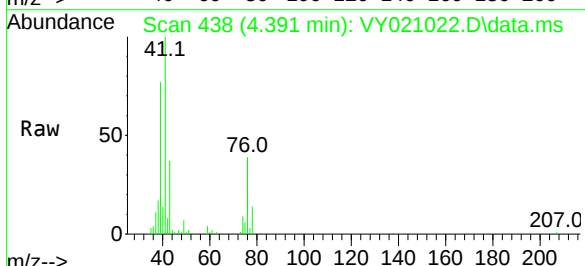
Tgt Ion: 41 Resp: 55315

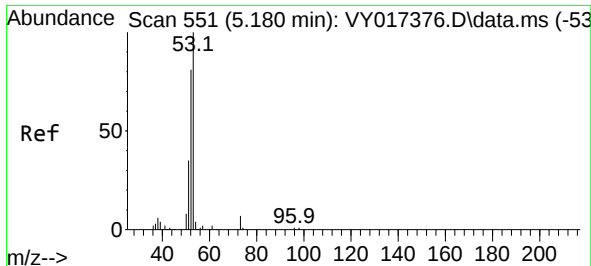
Ion Ratio Lower Upper

41 100

39 73.2 53.5 80.3

76 37.8 34.6 52.0

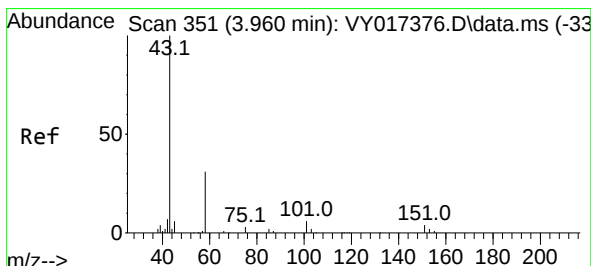
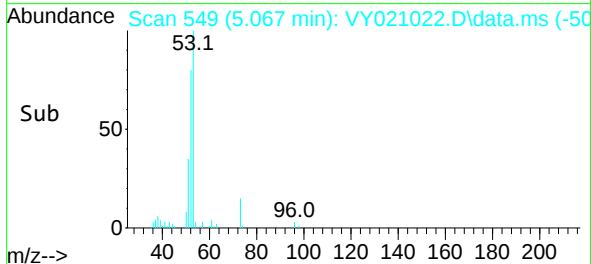
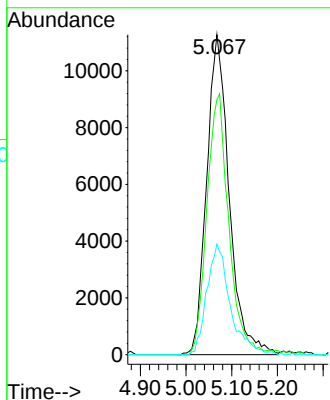
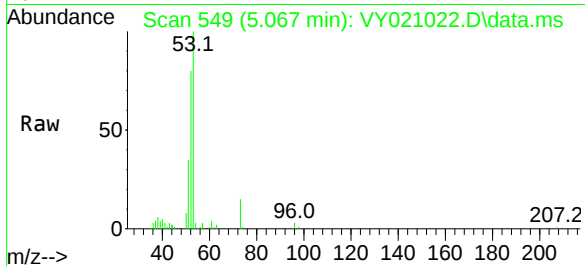




#15
Acrylonitrile
Concen: 127.343 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

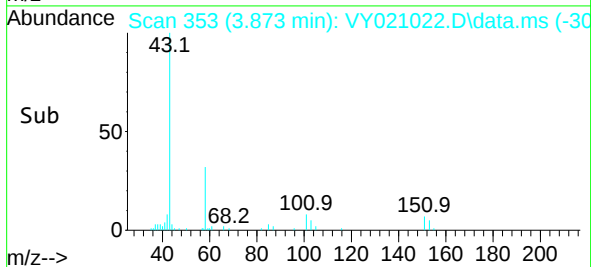
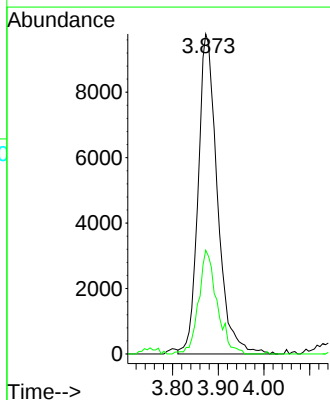
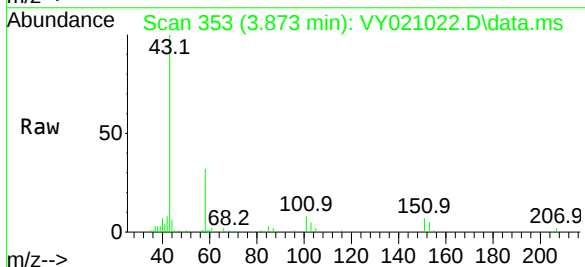
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

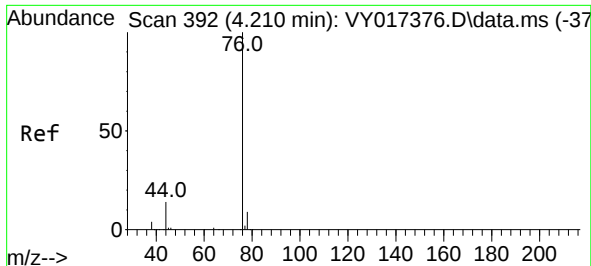
Tgt Ion: 53 Resp: 38612
Ion Ratio Lower Upper
53 100
52 79.0 66.2 99.4
51 35.8 29.4 44.0



#16
Acetone
Concen: 133.874 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 43 Resp: 28518
Ion Ratio Lower Upper
43 100
58 32.4 28.4 42.6

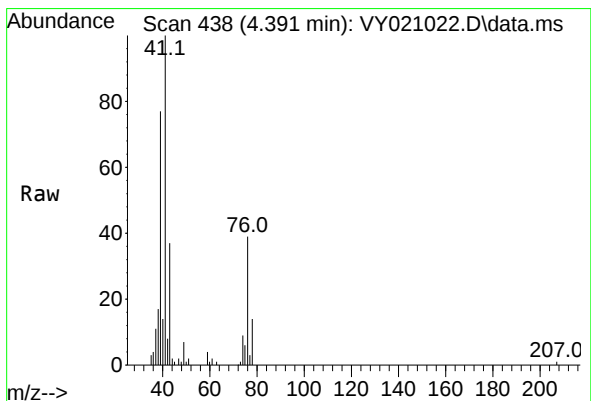
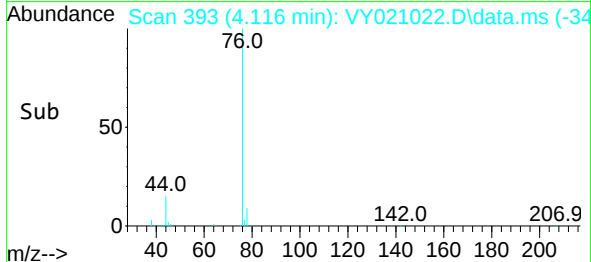
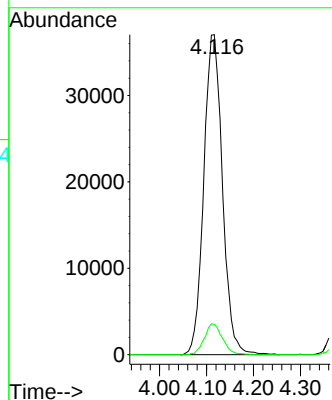
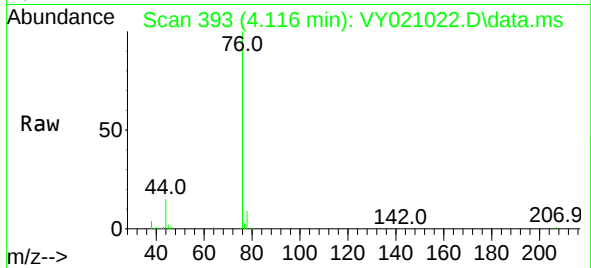




#17
Carbon Disulfide
Concen: 21.308 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

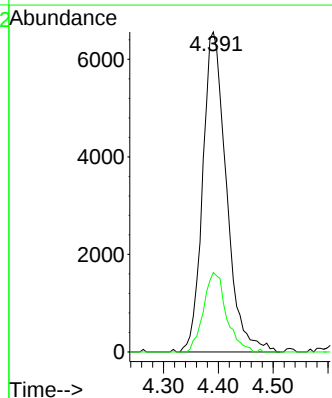
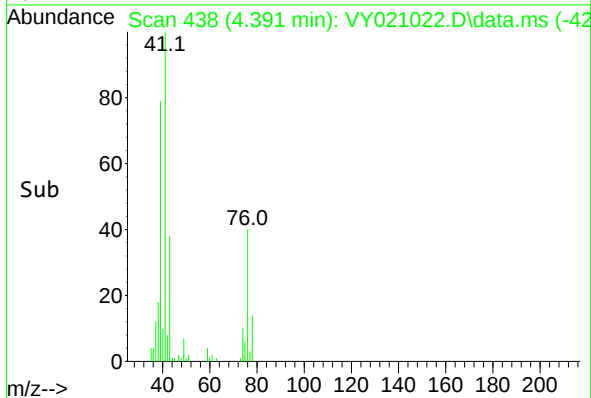
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

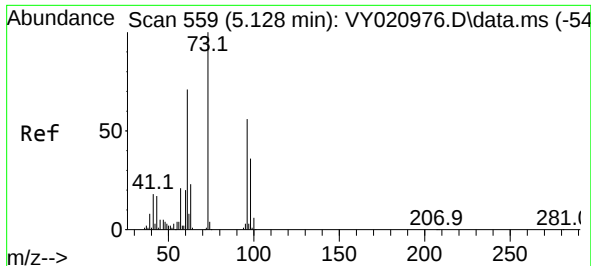
Tgt Ion: 76 Resp: 101973
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 26.393 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 43 Resp: 19673
Ion Ratio Lower Upper
43 100
74 23.8 22.2 33.4

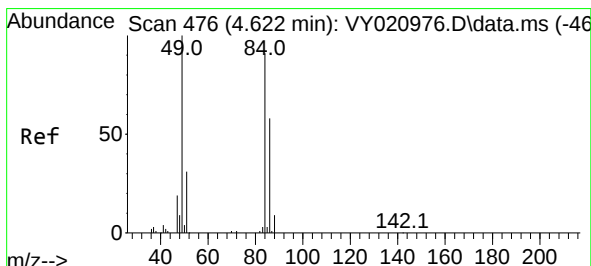
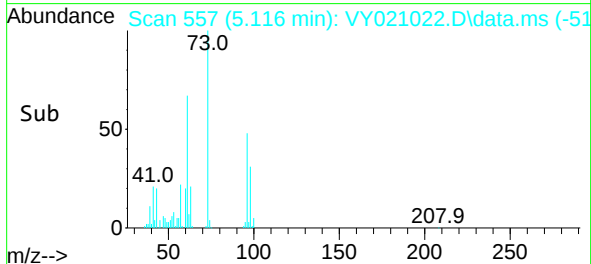
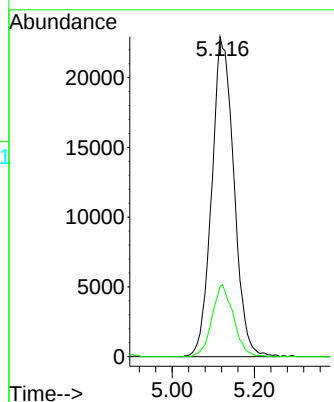
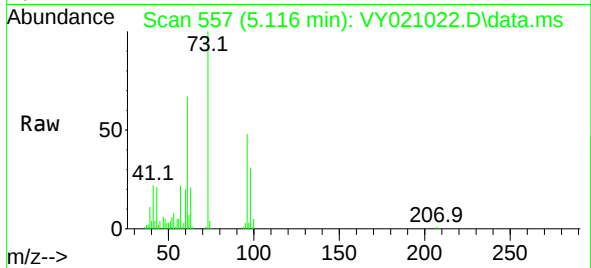




#19
Methyl tert-butyl Ether
Concen: 23.710 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

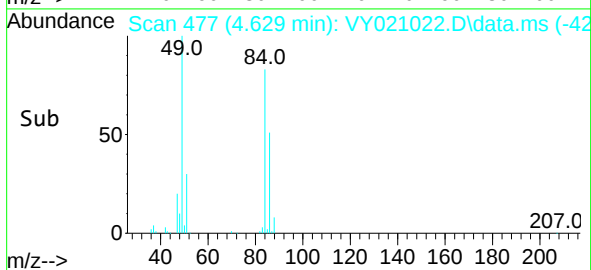
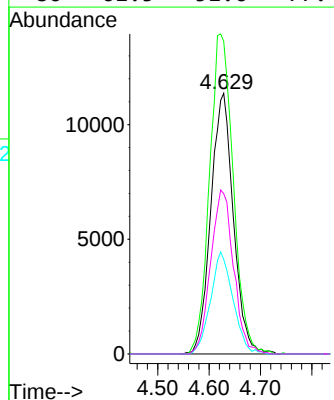
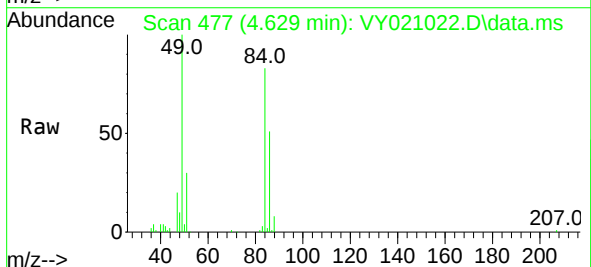
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

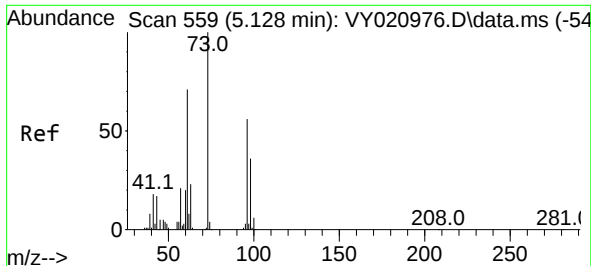
Tgt Ion: 73 Resp: 85748
Ion Ratio Lower Upper
73 100
57 21.9 16.6 25.0



#20
Methylene Chloride
Concen: 22.087 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 84 Resp: 34701
Ion Ratio Lower Upper
84 100
49 120.0 88.3 132.5
51 36.3 27.7 41.5
86 61.5 51.6 77.4

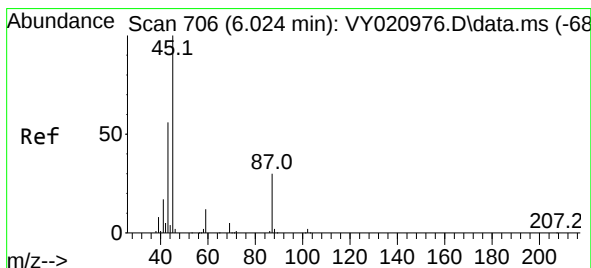
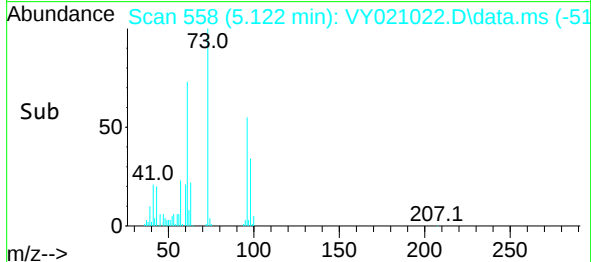
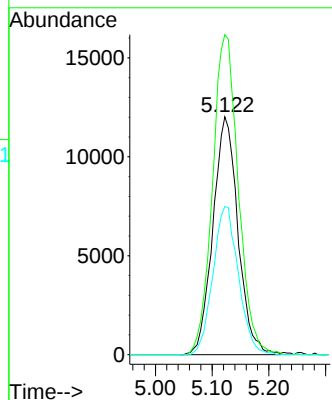
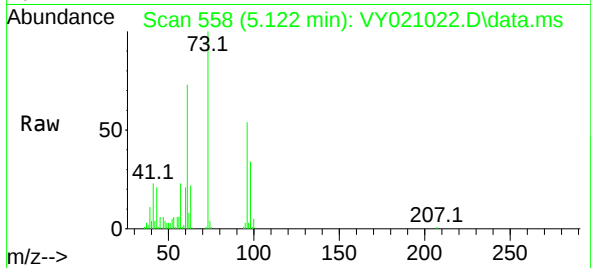




#21
trans-1,2-Dichloroethene
Concen: 22.137 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

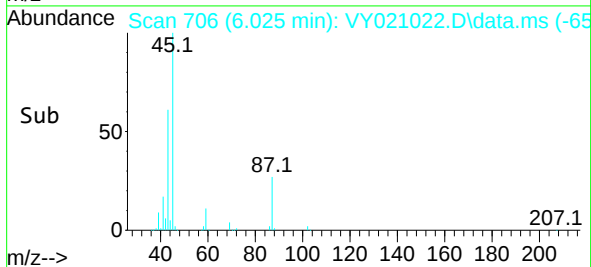
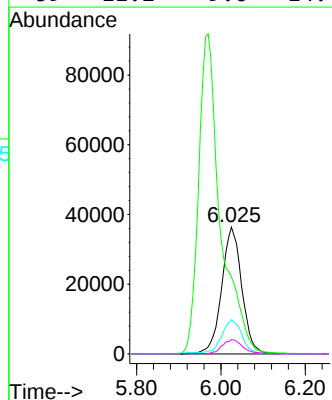
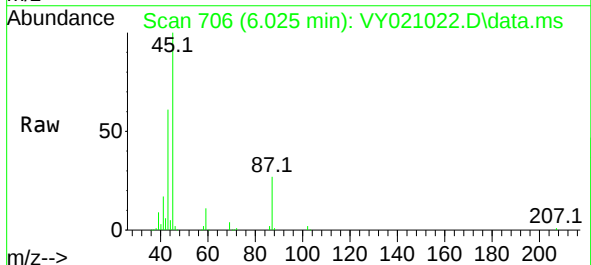
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

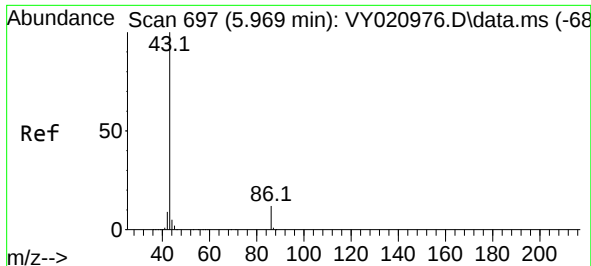
Tgt Ion: 96 Resp: 36879
Ion Ratio Lower Upper
96 100
61 134.5 101.5 152.3
98 62.3 52.0 78.0



#22
Diisopropyl ether
Concen: 27.585 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 45 Resp: 120281
Ion Ratio Lower Upper
45 100
43 60.3 45.1 67.7
87 27.0 25.0 37.4
59 11.2 9.6 14.4

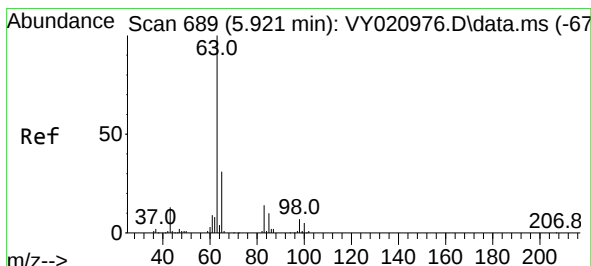
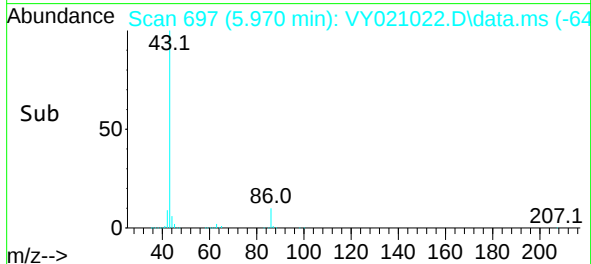
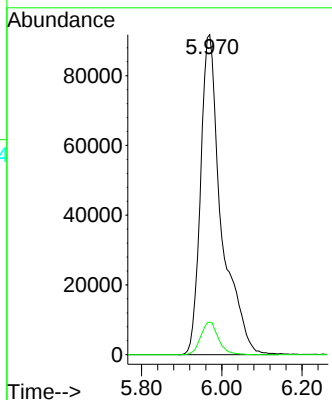
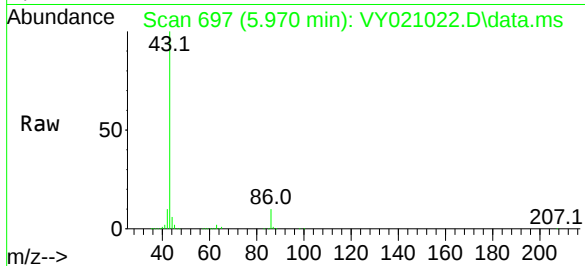




#23
 Vinyl Acetate
 Concen: 137.224 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY021022.D
 Acq: 03 Feb 2025 11:20

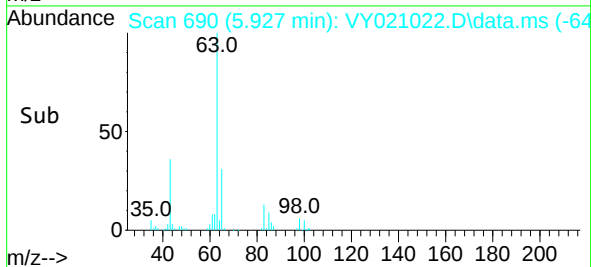
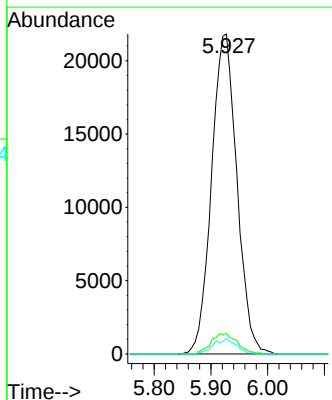
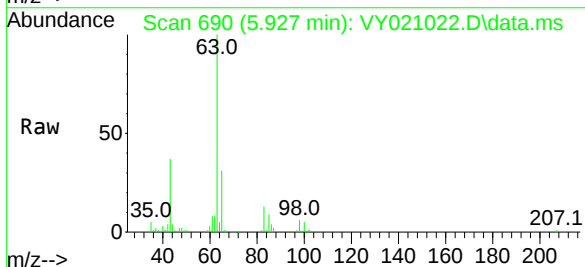
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

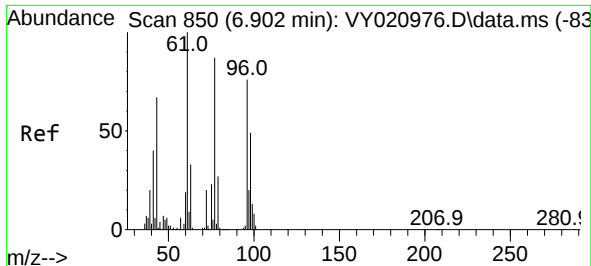
Tgt Ion: 43 Resp: 331355
 Ion Ratio Lower Upper
 43 100
 86 10.1 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 24.102 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021022.D
 Acq: 03 Feb 2025 11:20

Tgt Ion: 63 Resp: 67799
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.7 11.1
 100 4.8 2.4 7.2

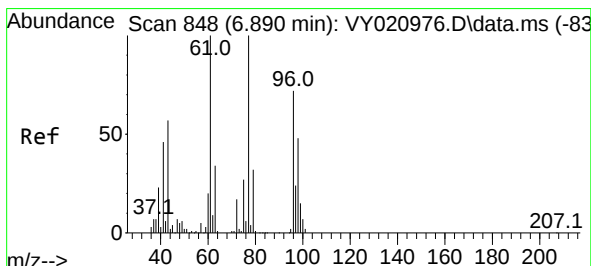
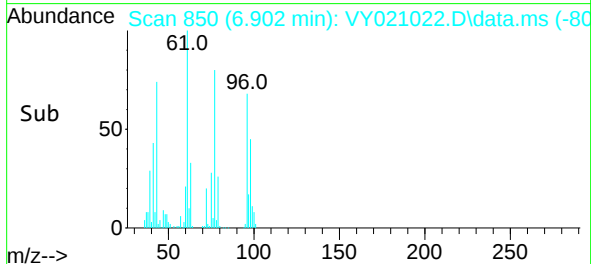
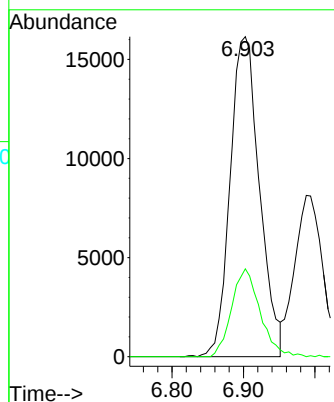
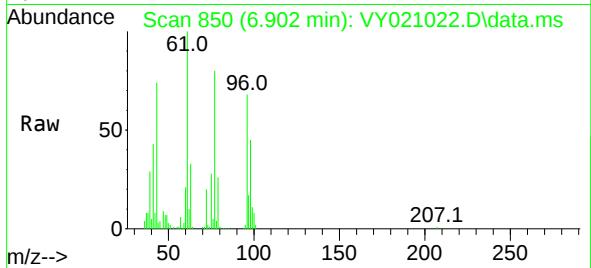




#25
2-Butanone
Concen: 127.520 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

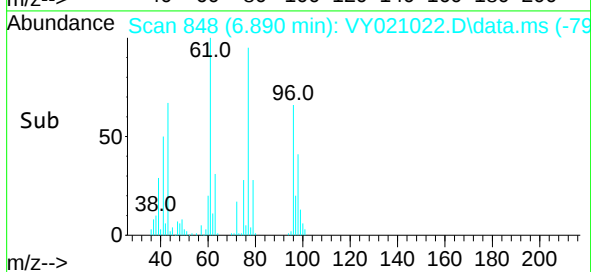
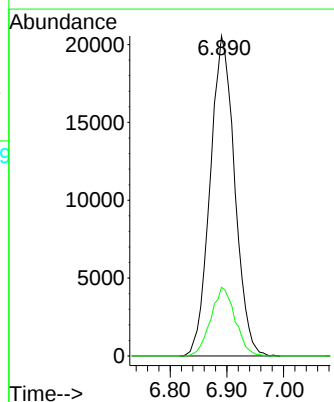
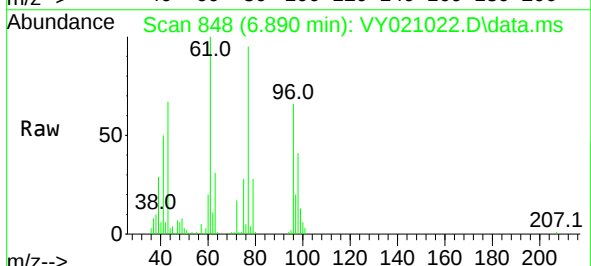
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

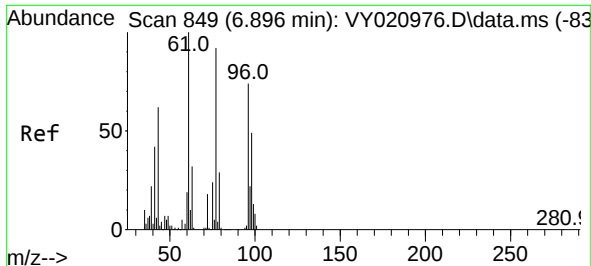
Tgt Ion: 43 Resp: 46083
Ion Ratio Lower Upper
43 100
72 27.5 24.3 36.5



#26
2,2-Dichloropropane
Concen: 22.336 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 77 Resp: 61862
Ion Ratio Lower Upper
77 100
97 21.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 22.120 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

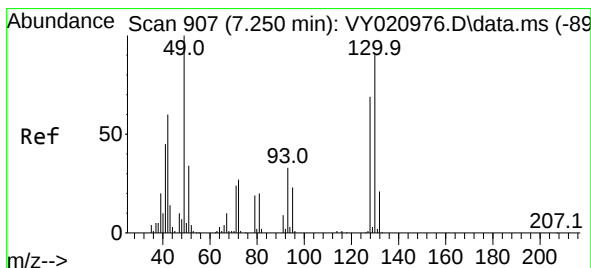
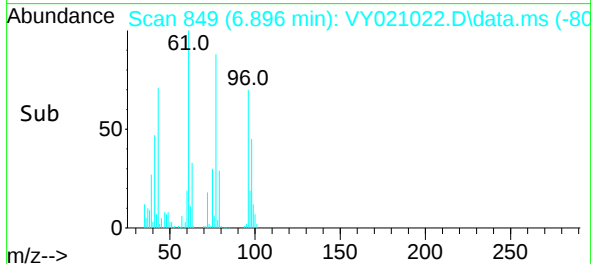
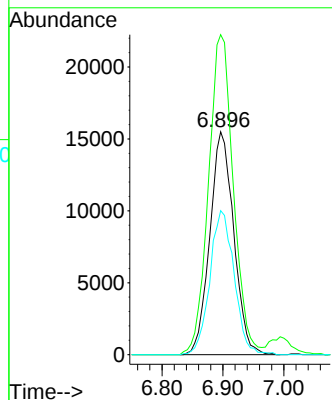
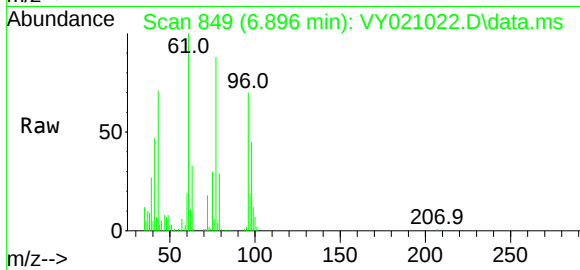
Tgt Ion: 96 Resp: 42356

Ion Ratio Lower Upper

96 100

61 148.6 0.0 274.0

98 65.6 0.0 130.4



#28

Bromochloromethane

Concen: 26.684 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

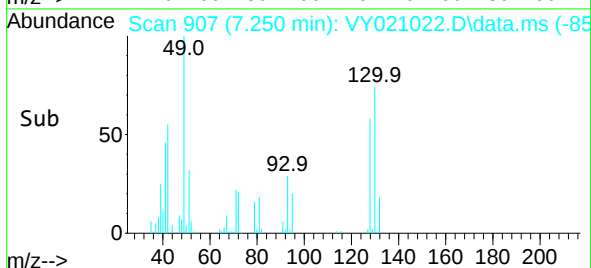
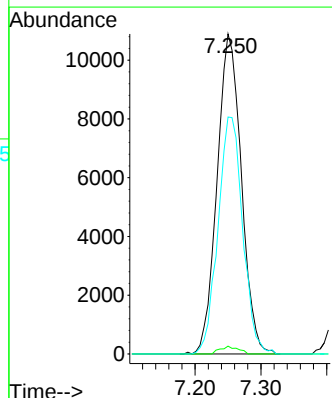
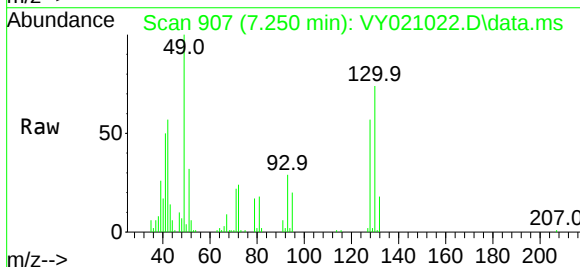
Tgt Ion: 49 Resp: 27966

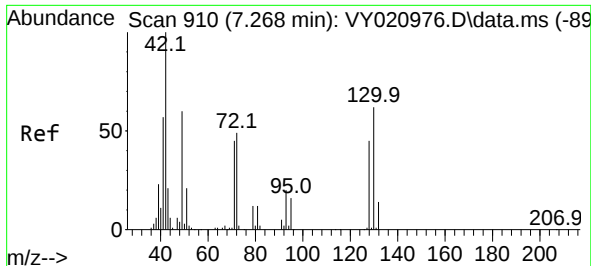
Ion Ratio Lower Upper

49 100

129 1.8 0.0 5.0

130 75.3 73.2 109.8





#29

Tetrahydrofuran

Concen: 132.707 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

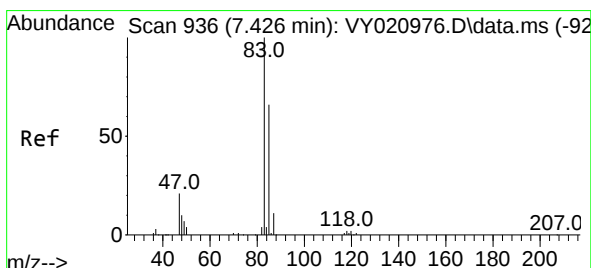
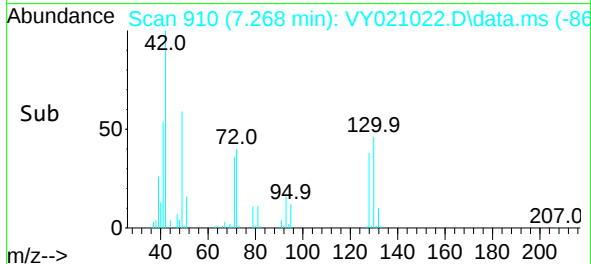
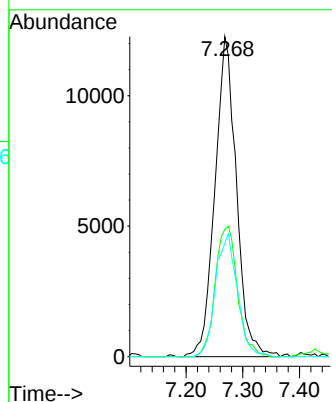
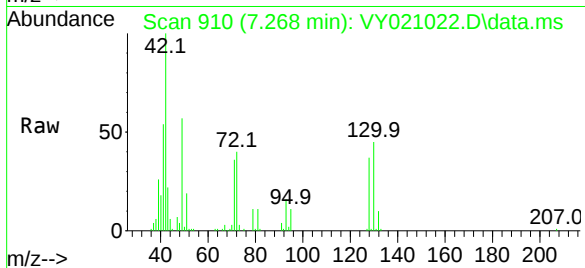
Tgt Ion: 42 Resp: 32271

Ion Ratio Lower Upper

42 100

72 42.2 39.3 58.9

71 39.0 36.1 54.1



#30

Chloroform

Concen: 22.832 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY021022.D

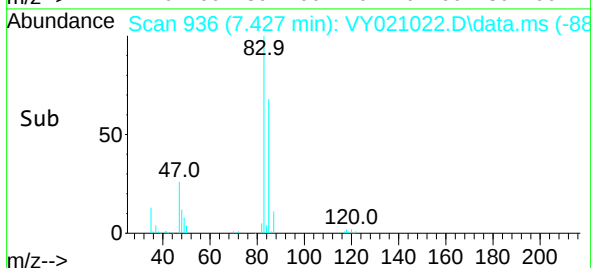
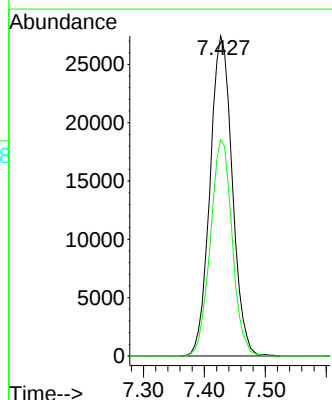
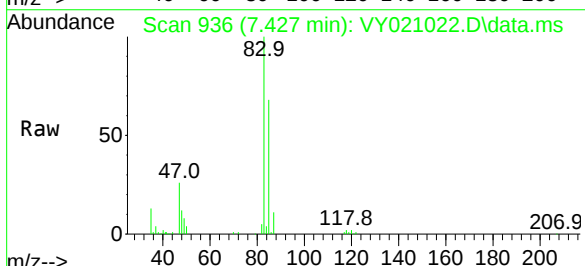
Acq: 03 Feb 2025 11:20

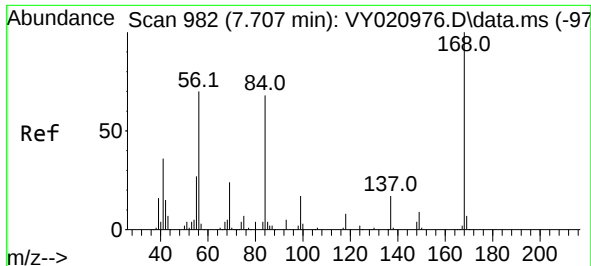
Tgt Ion: 83 Resp: 69562

Ion Ratio Lower Upper

83 100

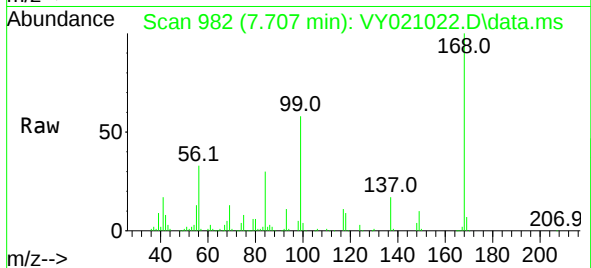
85 67.7 52.9 79.3



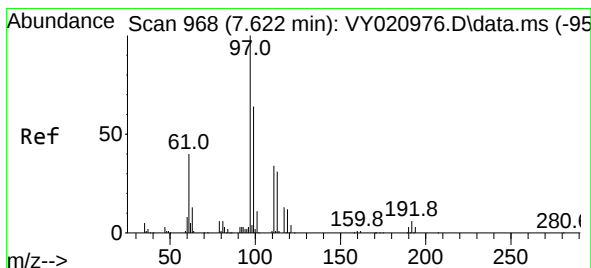
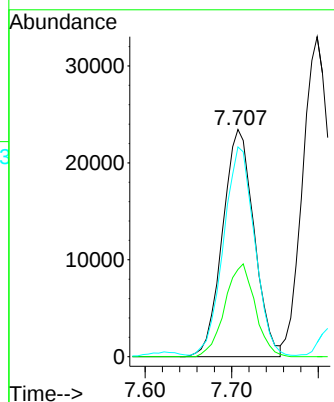
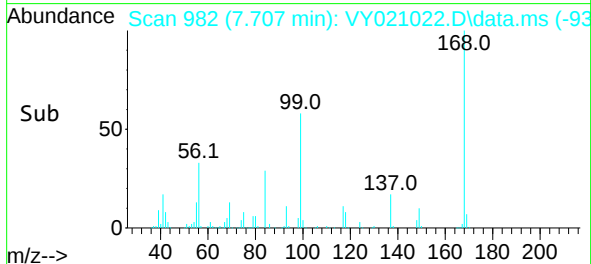


#31
Cyclohexane
Concen: 21.556 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

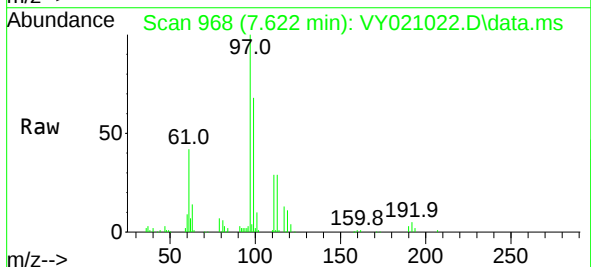
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



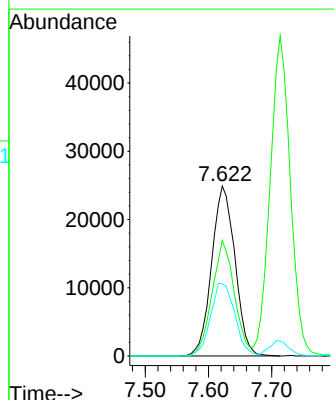
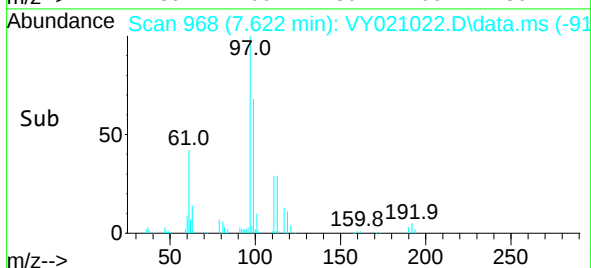
Tgt Ion: 56 Resp: 59268
Ion Ratio Lower Upper
56 100
69 38.4 27.7 41.5
84 91.2 77.5 116.3

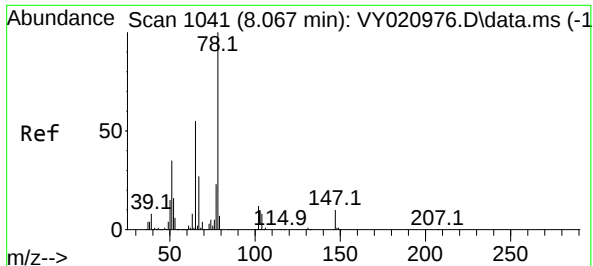


#32
1,1,1-Trichloroethane
Concen: 21.585 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20



Tgt Ion: 97 Resp: 63645
Ion Ratio Lower Upper
97 100
99 65.5 51.4 77.0
61 44.5 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 22.450 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

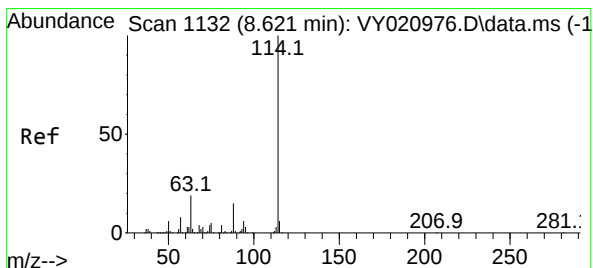
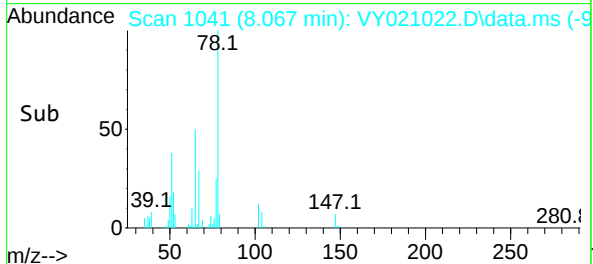
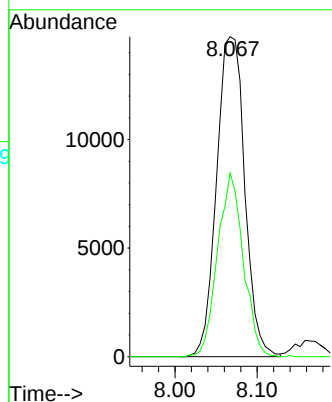
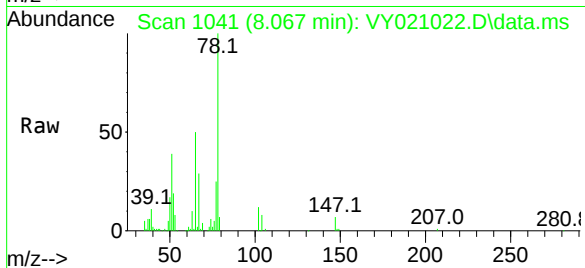
VSTDICC020

Tgt Ion: 65 Resp: 35087

Ion Ratio Lower Upper

65 100

67 52.5 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: VY021022.D

Acq: 03 Feb 2025 11:20

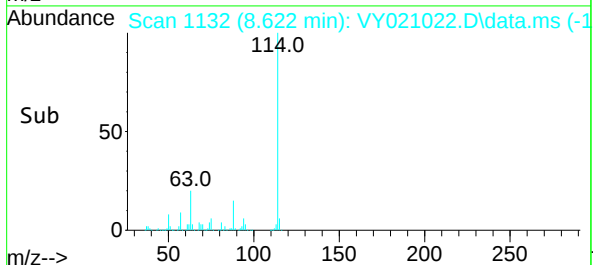
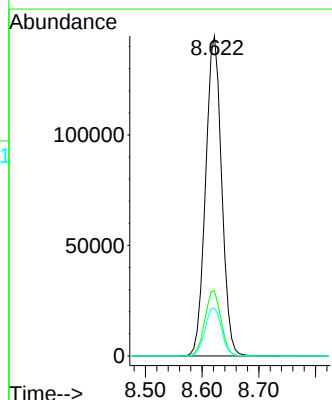
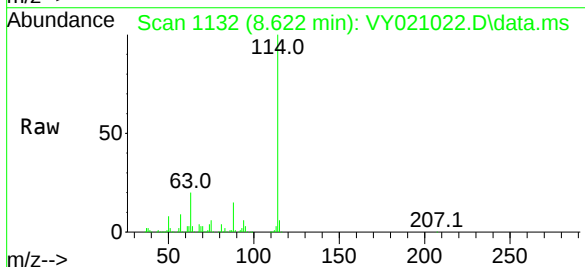
Tgt Ion: 114 Resp: 284501

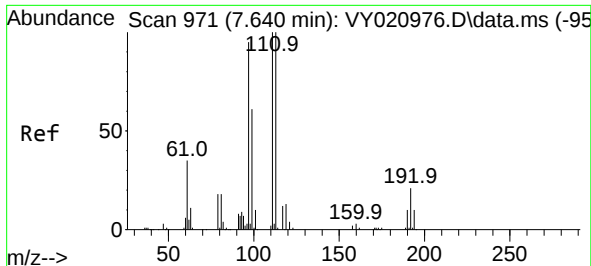
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.2

88 15.0 0.0 29.6

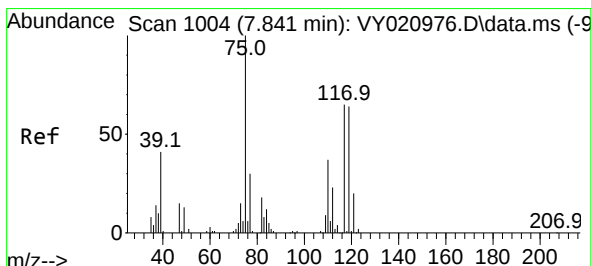
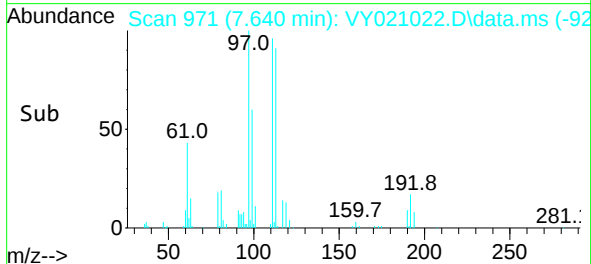
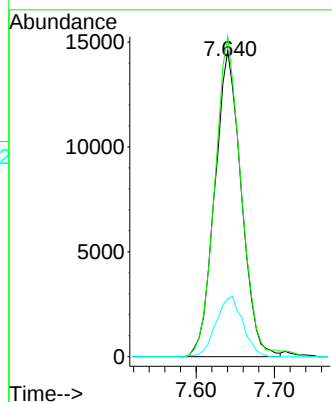
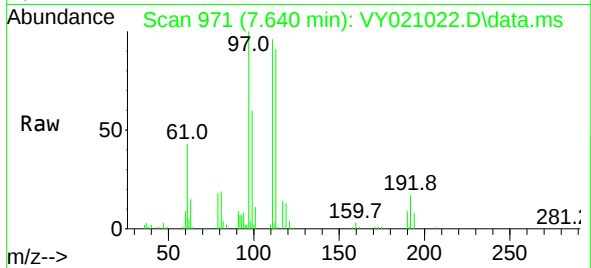




#35
Dibromofluoromethane
Concen: 20.042 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

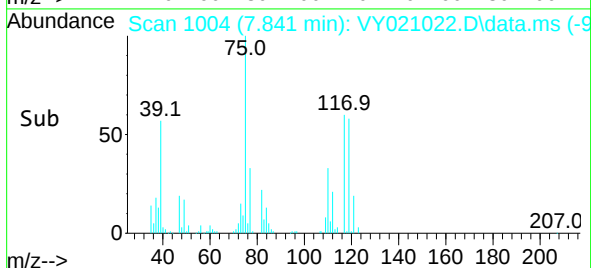
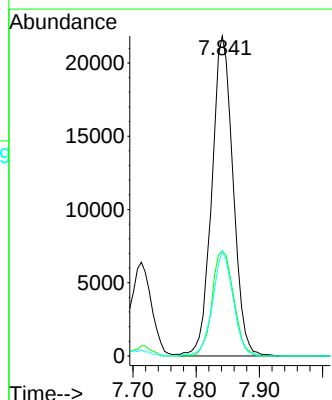
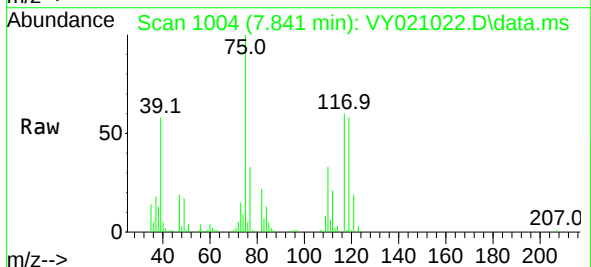
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

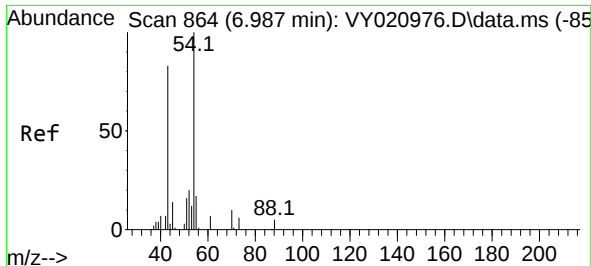
Tgt Ion:113 Resp: 34279
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 20.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.868 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 75 Resp: 50918
Ion Ratio Lower Upper
75 100
110 33.3 18.4 55.2
77 31.6 24.9 37.3

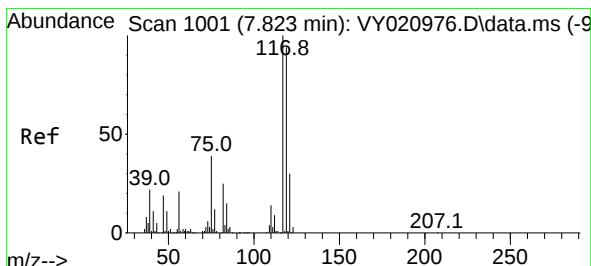
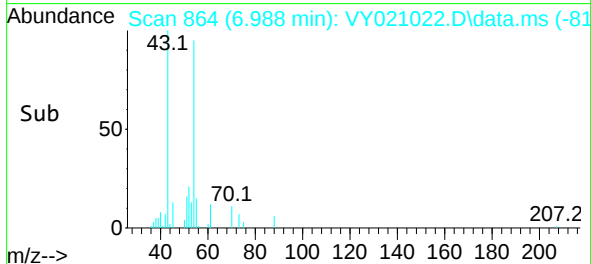
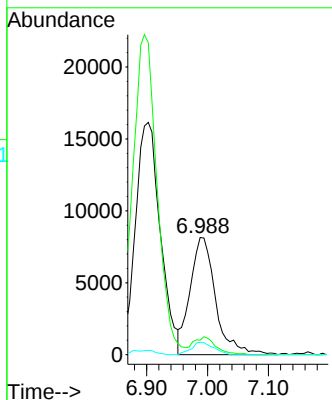
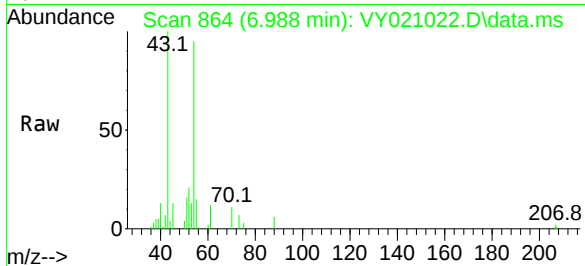




#37
Ethyl Acetate
Concen: 26.080 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

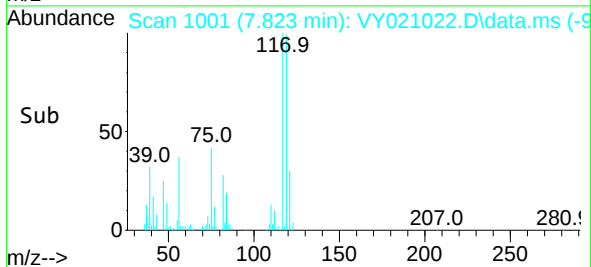
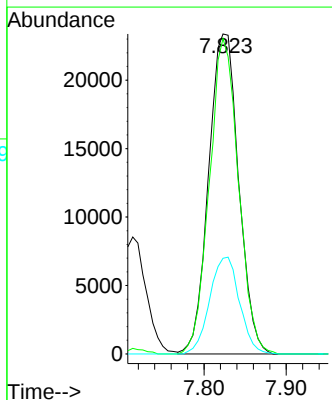
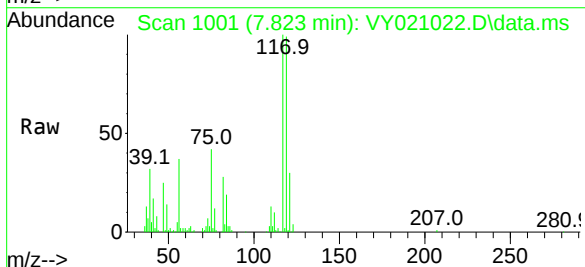
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

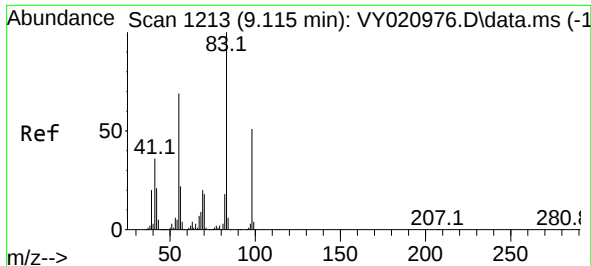
Tgt Ion: 43 Resp: 23724
Ion Ratio Lower Upper
43 100
61 13.6 11.4 17.0
70 9.2 9.6 14.4#



#38
Carbon Tetrachloride
Concen: 19.683 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 117 Resp: 59433
Ion Ratio Lower Upper
117 100
119 98.6 75.0 112.6
121 29.9 24.2 36.2





#39

Methylcyclohexane

Concen: 18.619 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

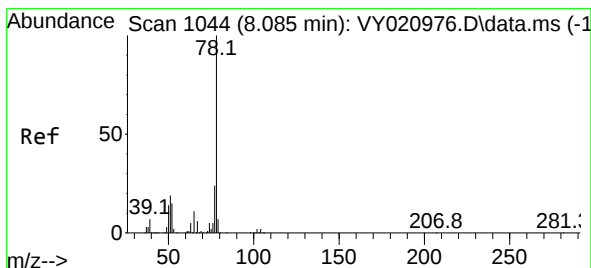
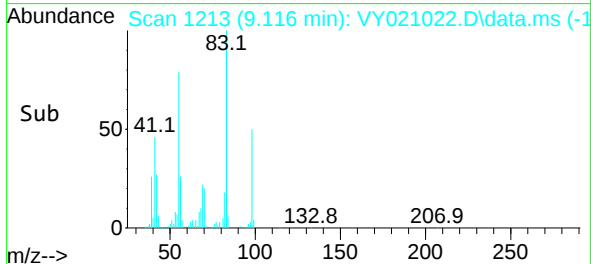
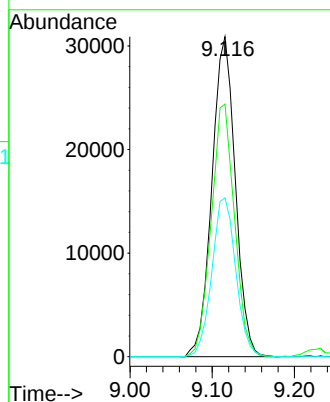
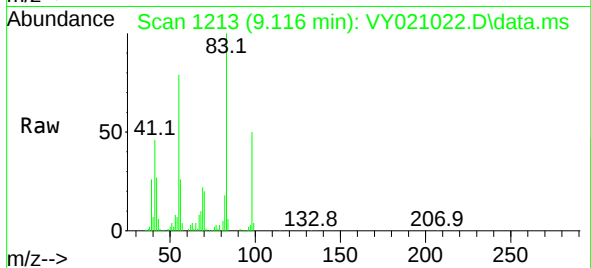
Tgt Ion: 83 Resp: 61029

Ion Ratio Lower Upper

83 100

55 78.9 54.9 82.3

98 49.7 40.5 60.7



#40

Benzene

Concen: 21.027 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY021022.D

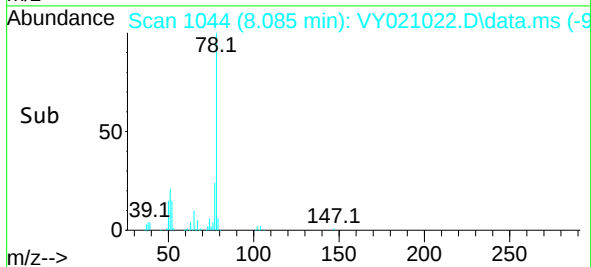
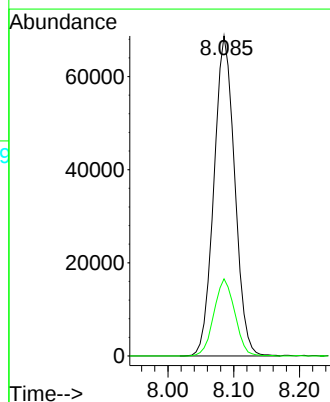
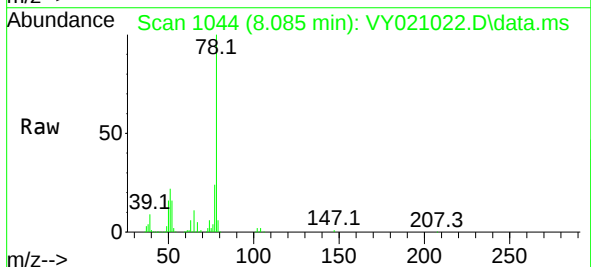
Acq: 03 Feb 2025 11:20

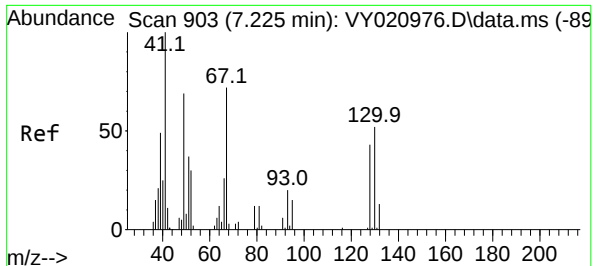
Tgt Ion: 78 Resp: 150967

Ion Ratio Lower Upper

78 100

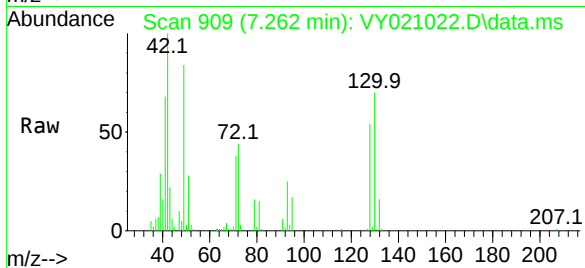
77 24.1 19.4 29.2



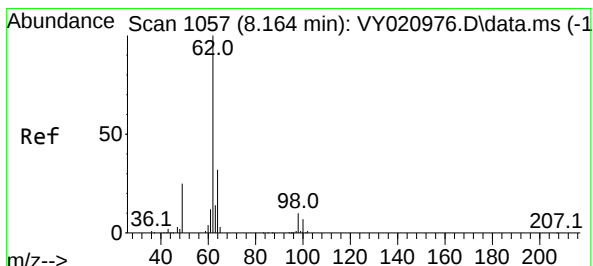
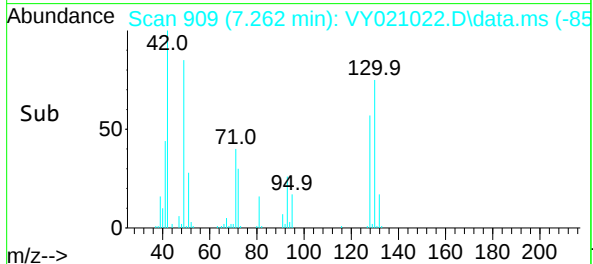
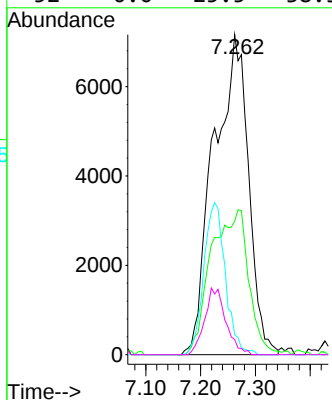


#41
Methacrylonitrile
Concen: 62.491 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.037 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

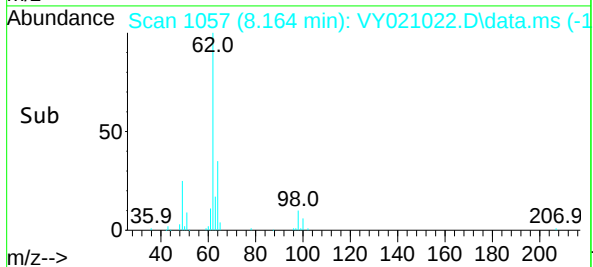
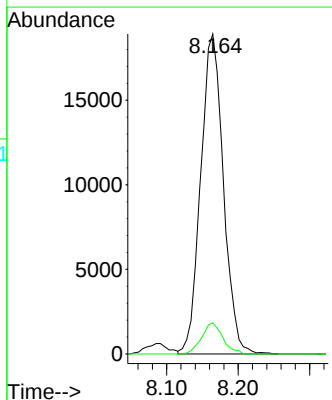
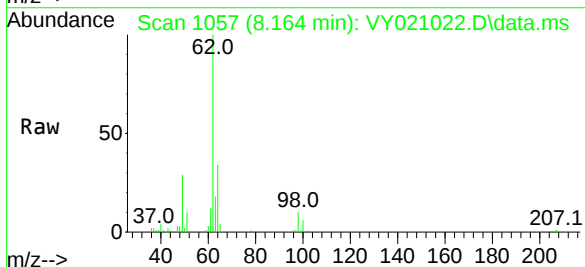


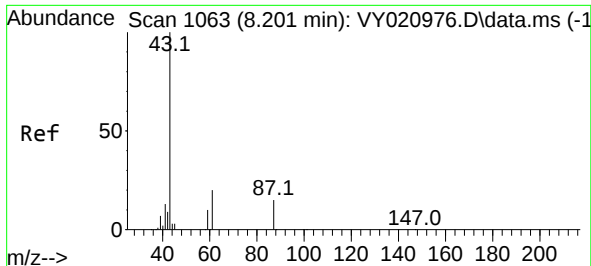
Tgt Ion:	41	Resp:	31453
Ion	Ratio	Lower	Upper
41	100		
39	49.2	41.6	62.4
67	0.0	63.8	95.6#
52	0.0	25.5	38.3#



#42
1,2-Dichloroethane
Concen: 22.916 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion:	62	Resp:	41726
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.4

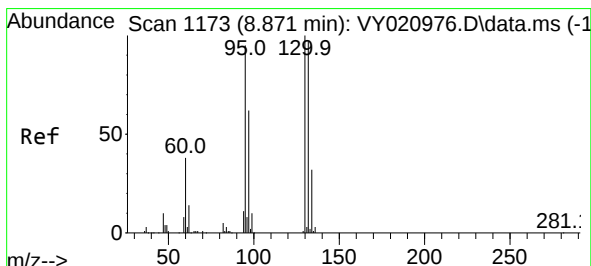
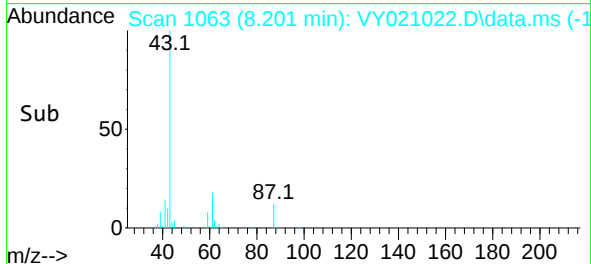
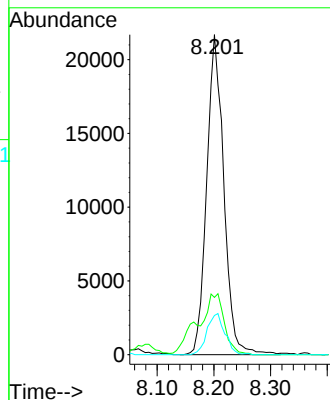
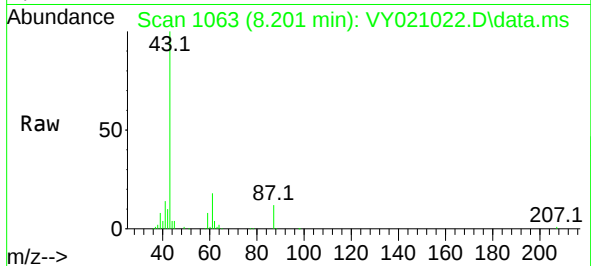




#43
Isopropyl Acetate
Concen: 25.040 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

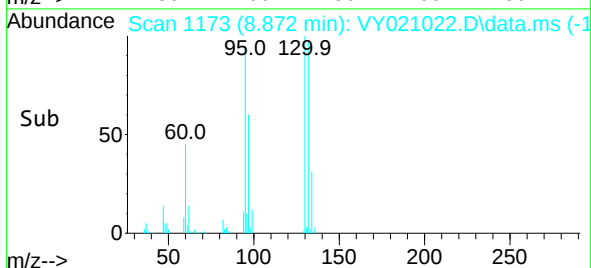
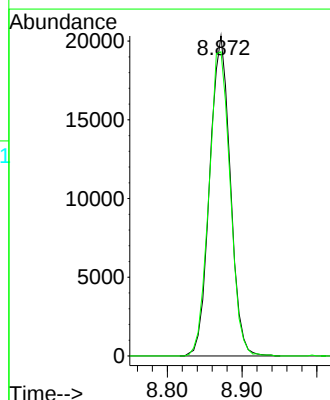
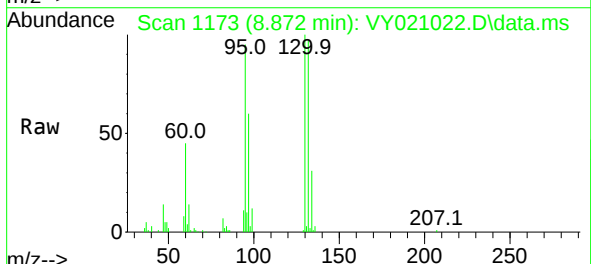
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

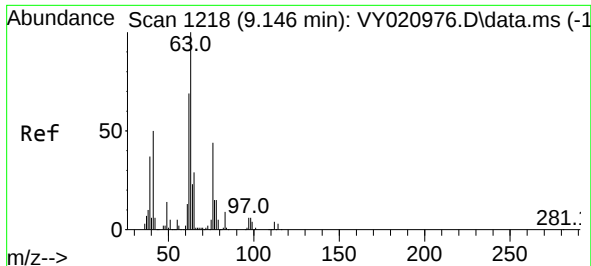
Tgt Ion: 43 Resp: 45505
Ion Ratio Lower Upper
43 100
61 20.2 15.8 23.6
87 13.5 12.5 18.7



#44
Trichloroethene
Concen: 19.606 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 130 Resp: 38841
Ion Ratio Lower Upper
130 100
95 95.0 0.0 189.6





#45

1,2-Dichloropropane

Concen: 22.538 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

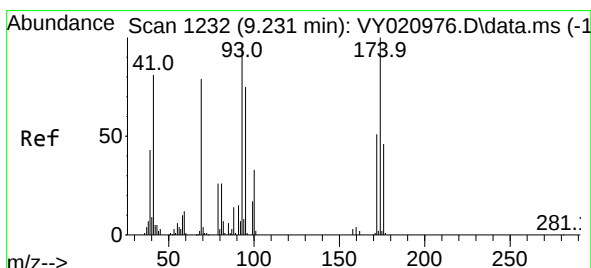
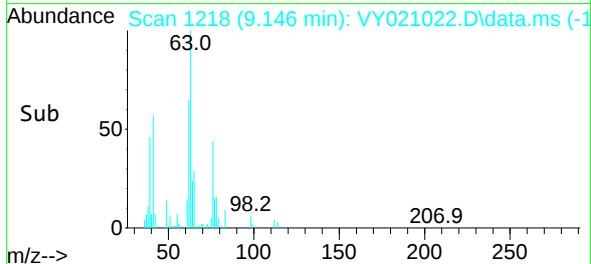
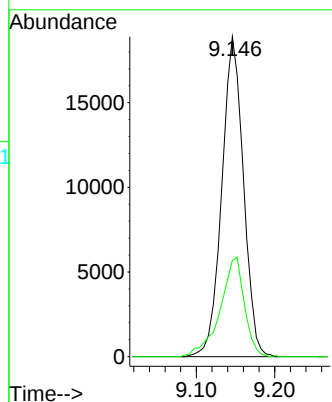
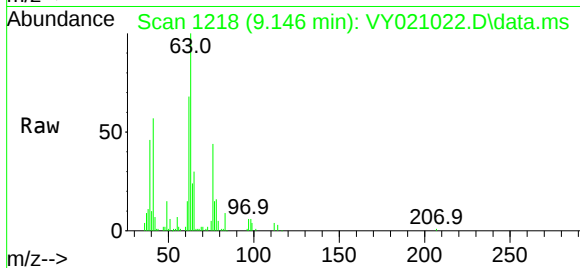
VSTDIC020

Tgt Ion: 63 Resp: 36268

Ion Ratio Lower Upper

63 100

65 30.0 23.6 35.4



#46

Dibromomethane

Concen: 21.802 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

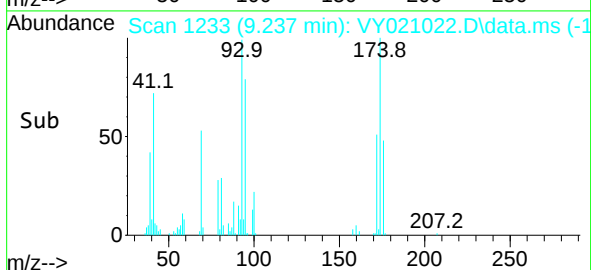
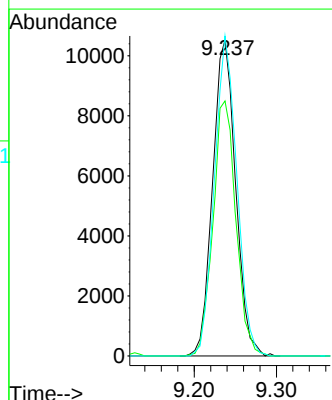
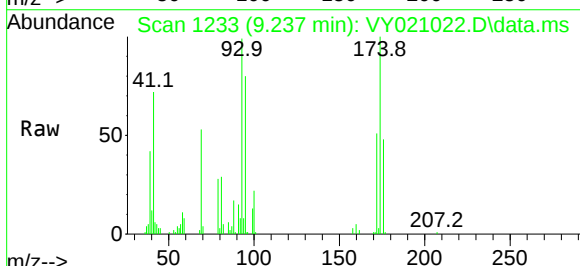
Tgt Ion: 93 Resp: 20417

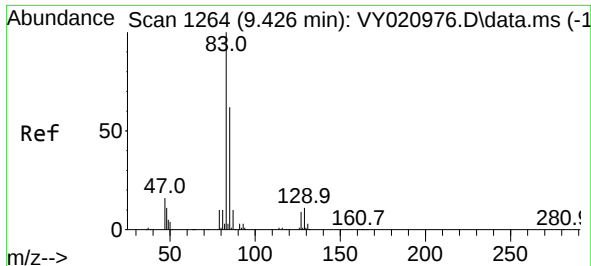
Ion Ratio Lower Upper

93 100

95 80.6 65.8 98.8

174 98.9 88.1 132.1





#47

Bromodichloromethane

Concen: 21.723 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

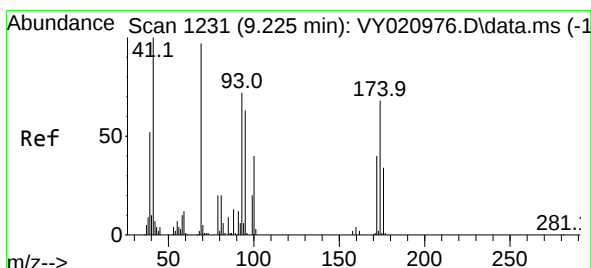
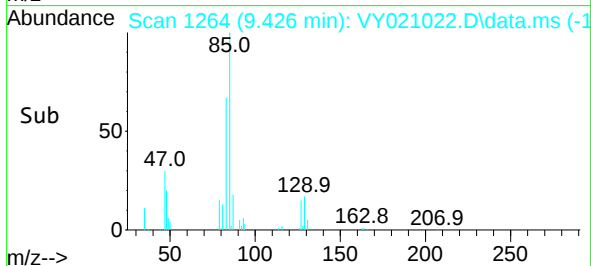
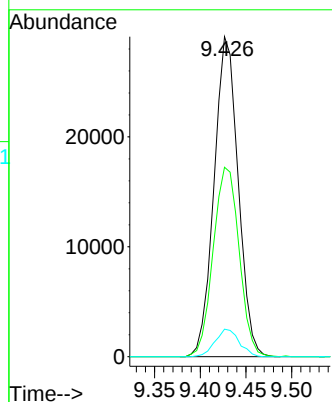
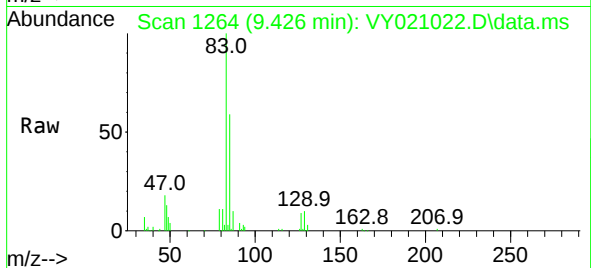
Tgt Ion: 83 Resp: 53424

Ion Ratio Lower Upper

83 100

85 59.2 49.6 74.4

127 8.6 7.1 10.7



#48

Methyl methacrylate

Concen: 23.066 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

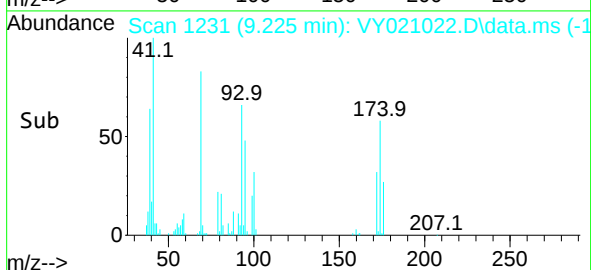
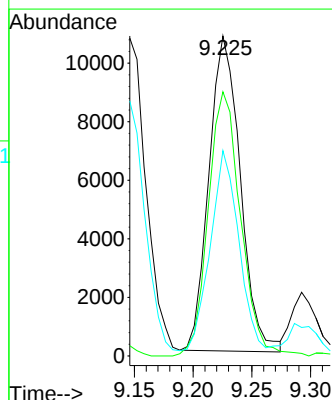
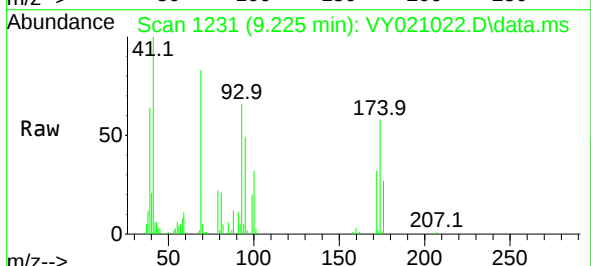
Tgt Ion: 41 Resp: 19957

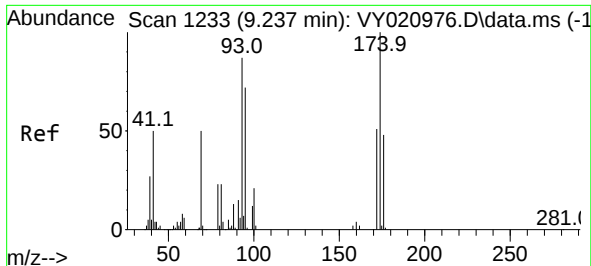
Ion Ratio Lower Upper

41 100

69 86.6 75.6 113.4

39 58.1 41.3 61.9





#49

1,4-Dioxane

Concen: 395.839 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

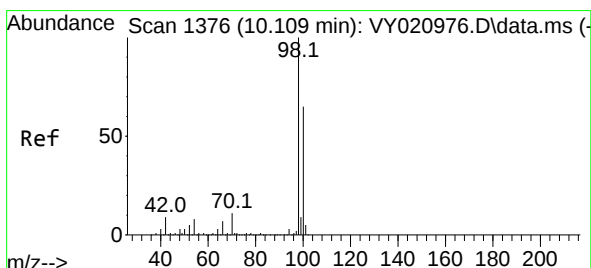
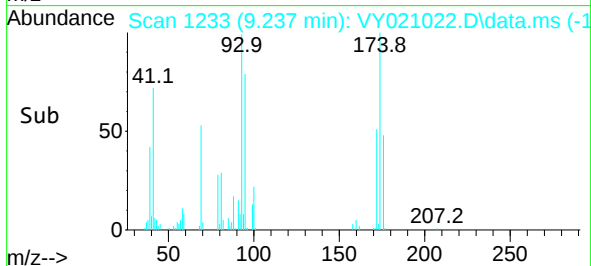
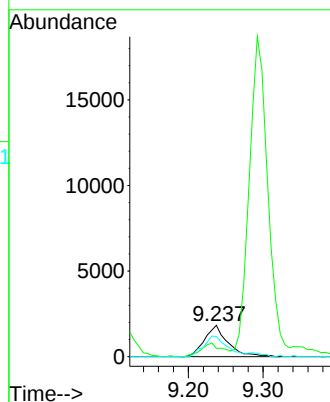
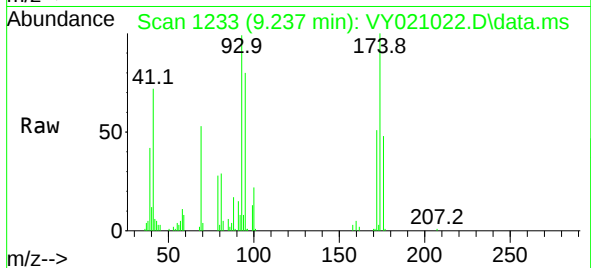
Tgt Ion: 88 Resp: 3939

Ion Ratio Lower Upper

88 100

43 40.0 24.2 36.4#

58 66.2 57.3 85.9



#50

Toluene-d8

Concen: 19.423 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021022.D

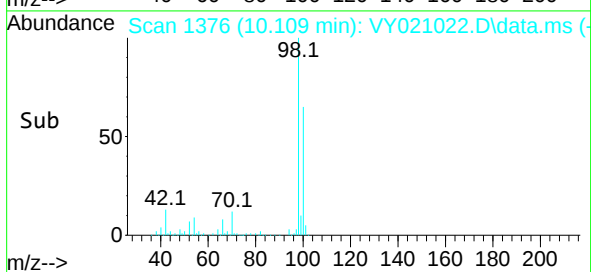
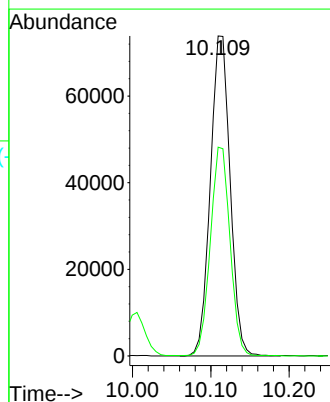
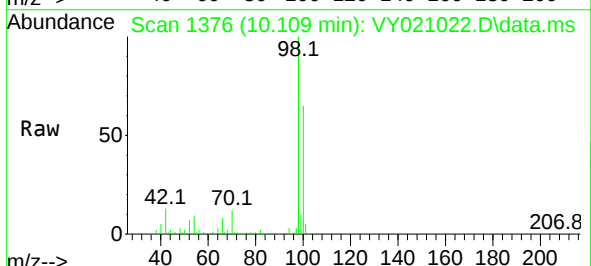
Acq: 03 Feb 2025 11:20

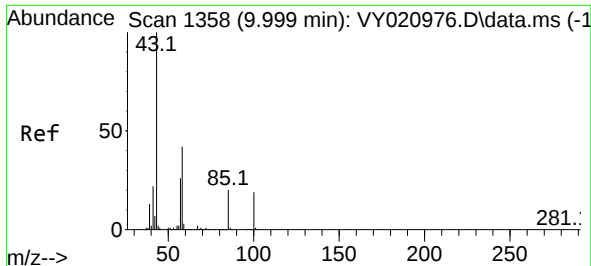
Tgt Ion: 98 Resp: 129662

Ion Ratio Lower Upper

98 100

100 65.1 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 122.983 ug/l

RT: 10.006 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

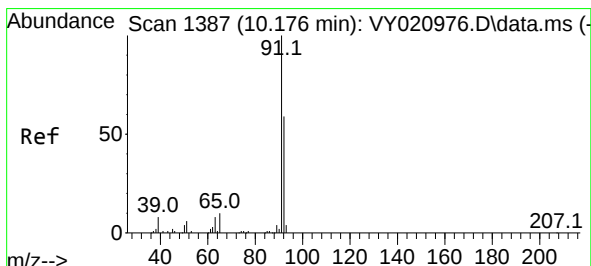
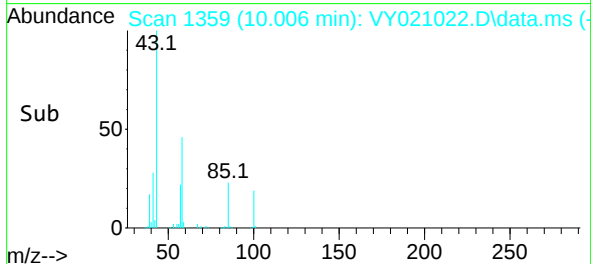
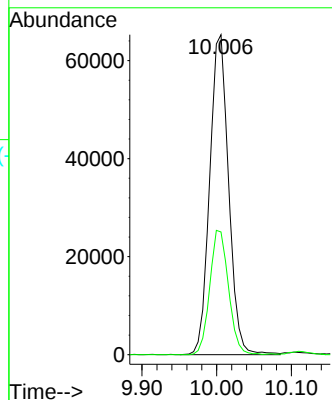
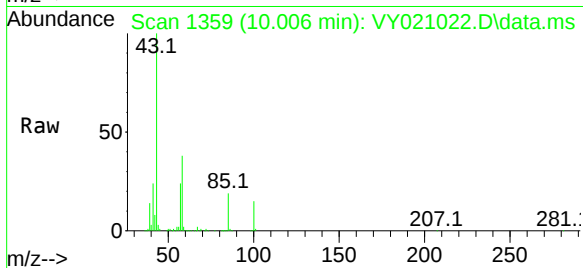
VSTDICC020

Tgt Ion: 43 Resp: 114844

Ion Ratio Lower Upper

43 100

58 38.6 33.8 50.8



#52

Toluene

Concen: 20.517 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY021022.D

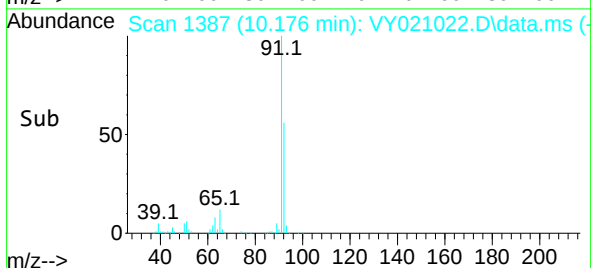
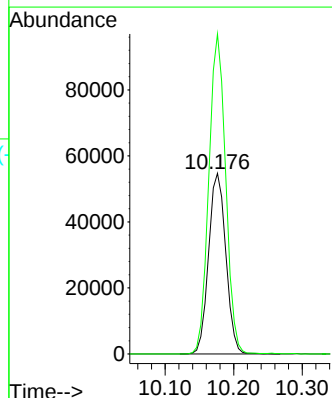
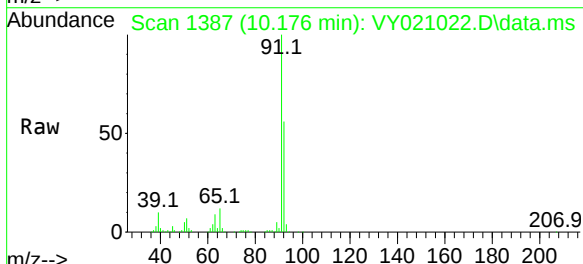
Acq: 03 Feb 2025 11:20

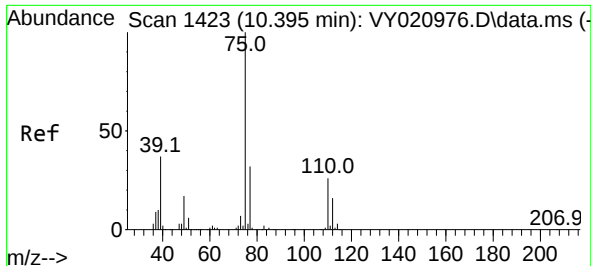
Tgt Ion: 92 Resp: 95614

Ion Ratio Lower Upper

92 100

91 172.9 135.8 203.8

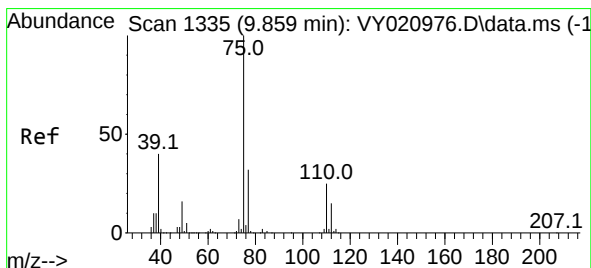
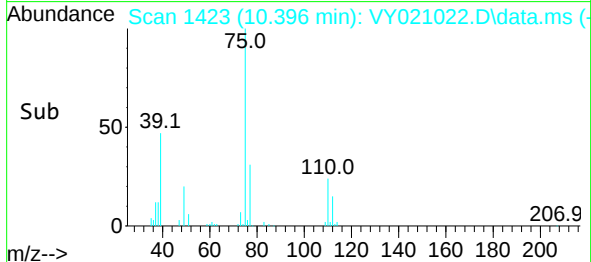
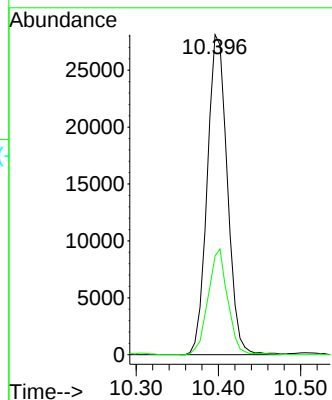
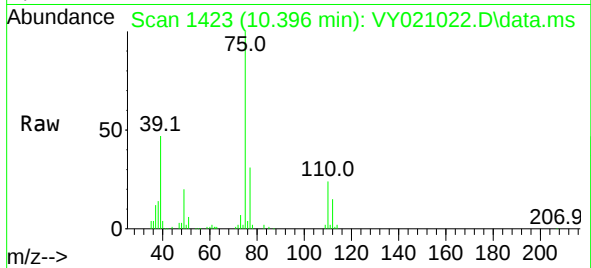




#53
 t-1,3-Dichloropropene
 Concen: 21.429 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021022.D
 Acq: 03 Feb 2025 11:20

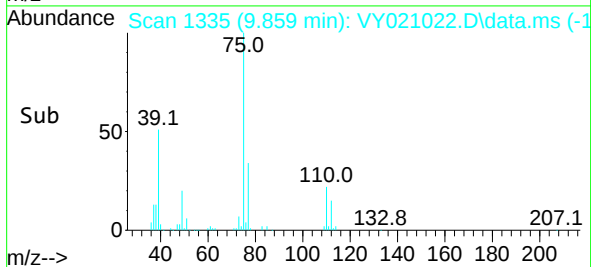
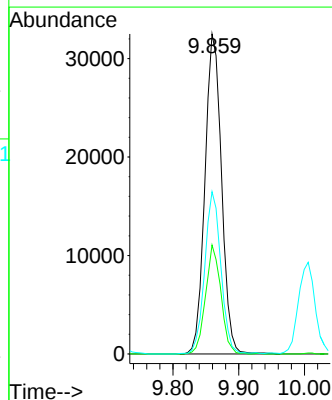
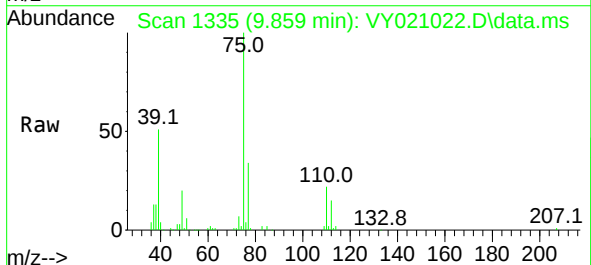
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

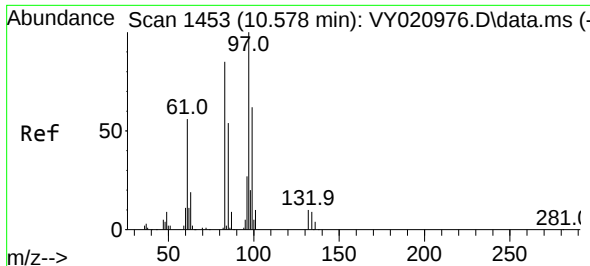
Tgt Ion: 75 Resp: 47690
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 21.469 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY021022.D
 Acq: 03 Feb 2025 11:20

Tgt Ion: 75 Resp: 57105
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.4 38.0
 39 50.6 32.2 48.2#

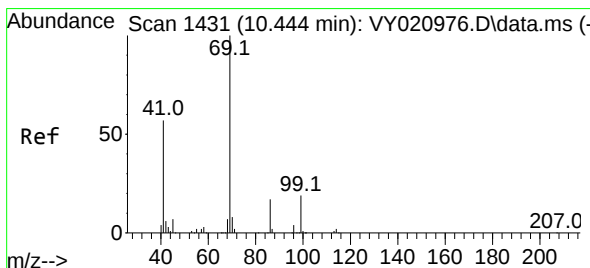
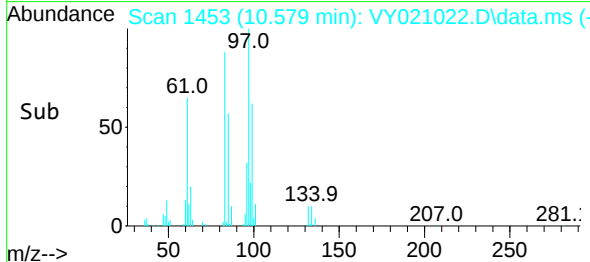
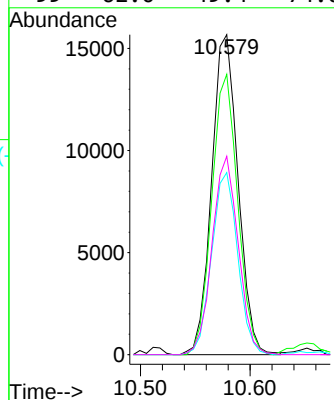
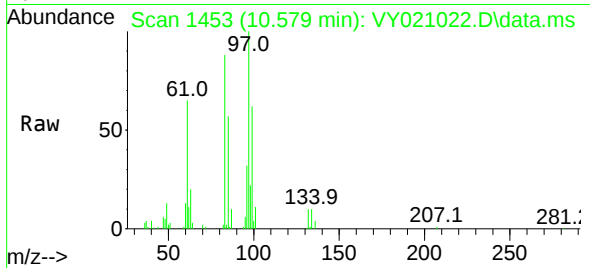




#55
1,1,2-Trichloroethane
Concen: 21.129 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

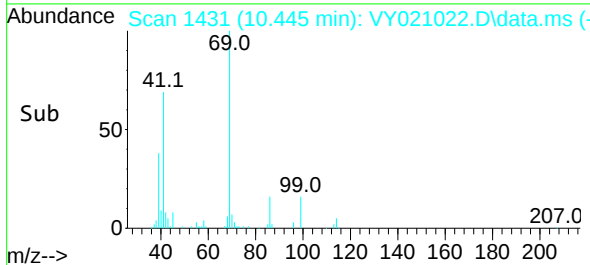
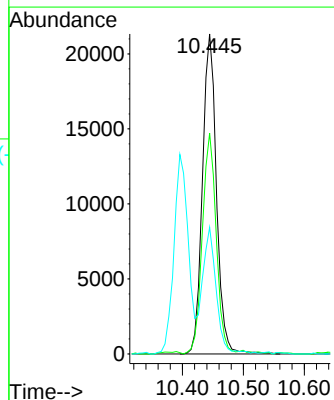
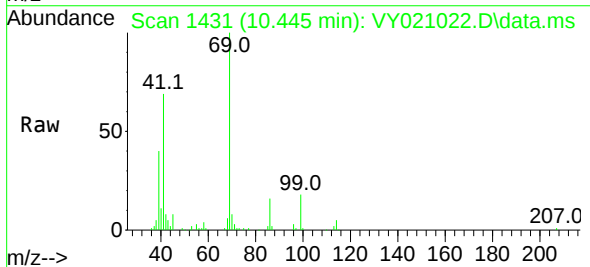
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

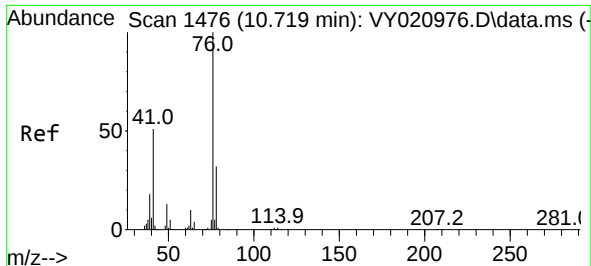
Tgt Ion: 97	Resp: 26314
Ion Ratio	Lower Upper
97 100	
83 87.6	67.7 101.5
85 56.9	43.4 65.2
99 62.0	49.4 74.0



#56
Ethyl methacrylate
Concen: 20.963 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 69	Resp: 34126
Ion Ratio	Lower Upper
69 100	
41 68.3	46.3 69.5
39 38.8	24.5 36.7#





#57

1,3-Dichloropropane

Concen: 21.690 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

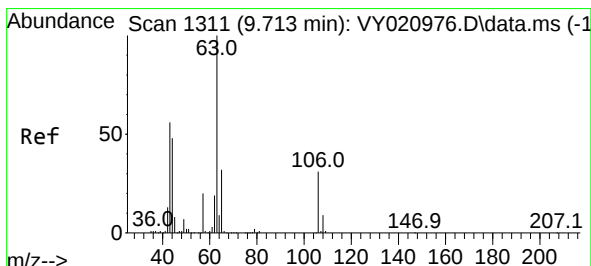
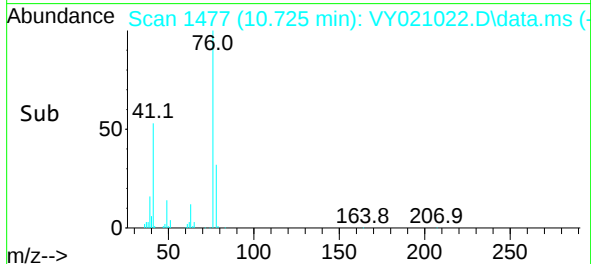
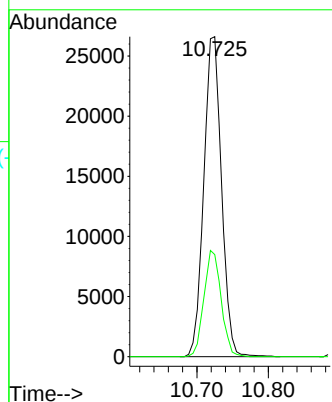
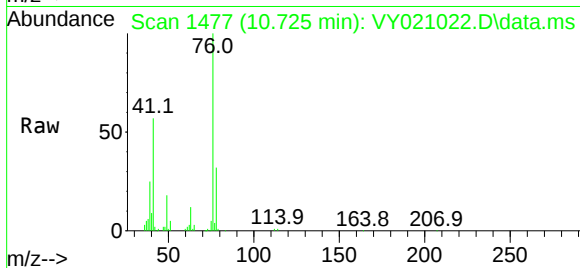
VSTDIC020

Tgt Ion: 76 Resp: 45784

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 120.208 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021022.D

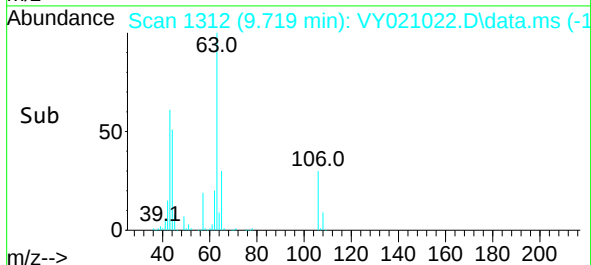
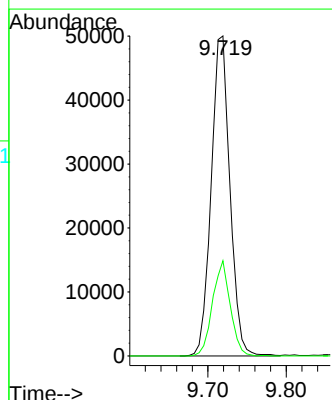
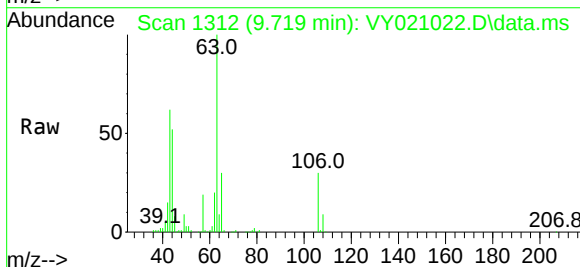
Acq: 03 Feb 2025 11:20

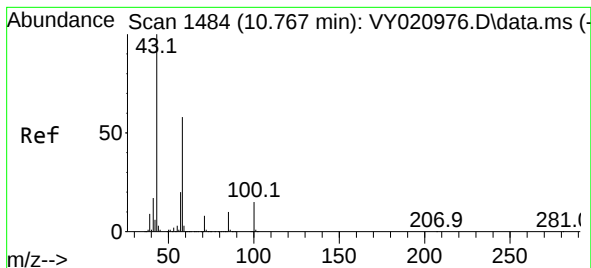
Tgt Ion: 63 Resp: 83057

Ion Ratio Lower Upper

63 100

106 28.1 24.7 37.1

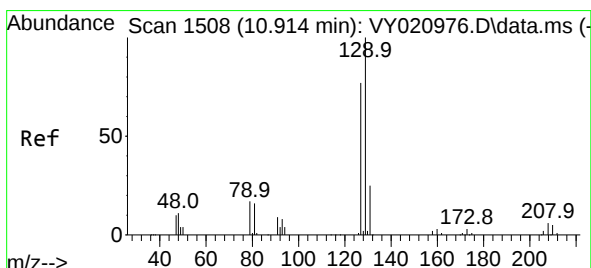
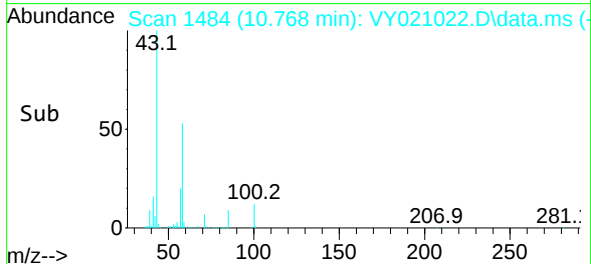
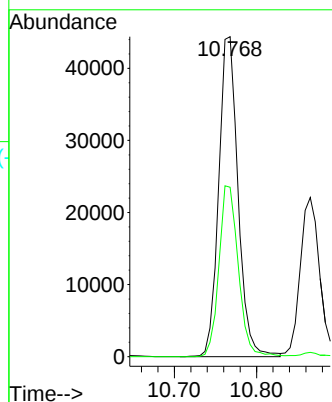
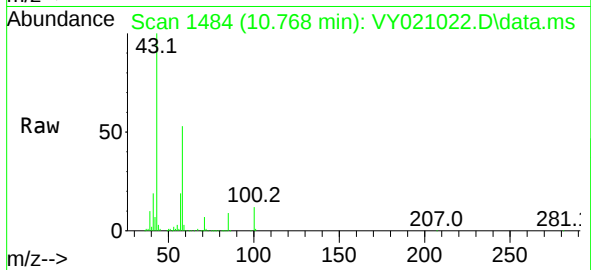




#59
2-Hexanone
Concen: 119.535 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

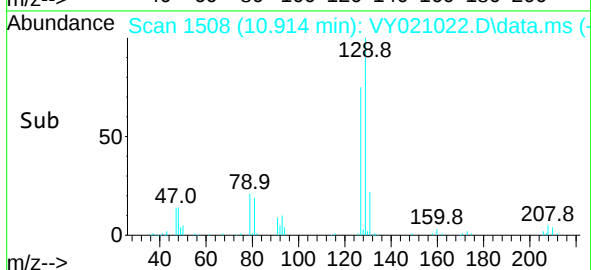
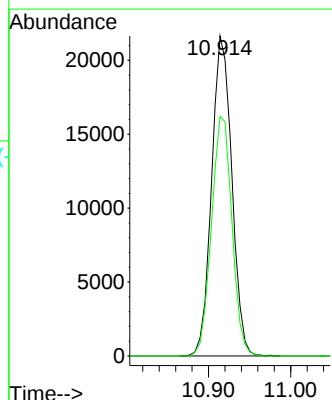
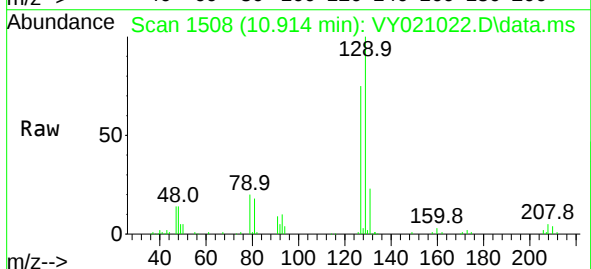
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

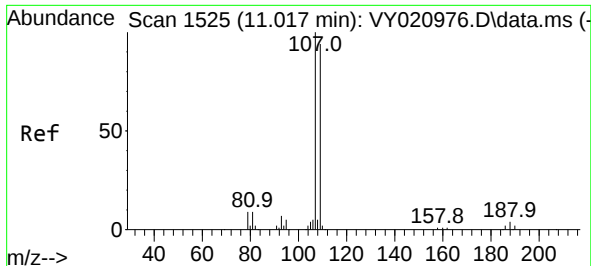
Tgt Ion: 43 Resp: 72555
Ion Ratio Lower Upper
43 100
58 53.6 29.8 89.3



#60
Dibromochloromethane
Concen: 20.754 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 129 Resp: 36853
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.3

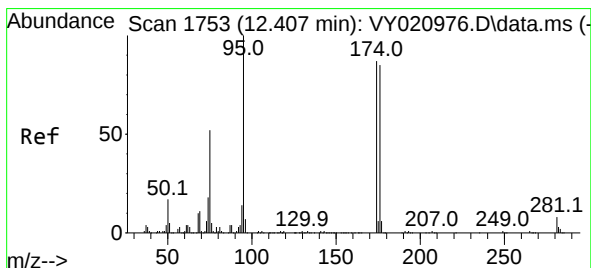
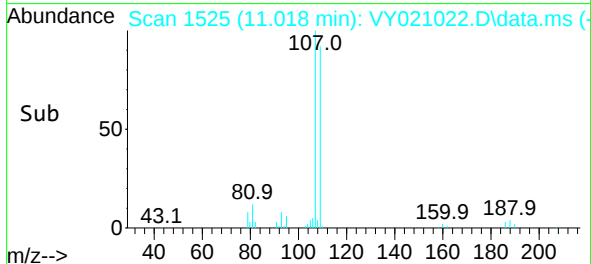
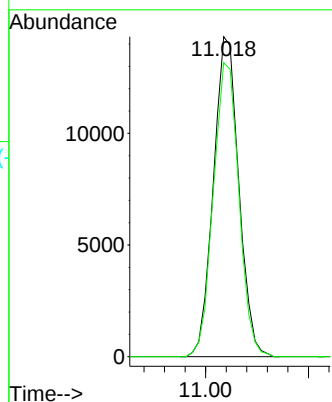
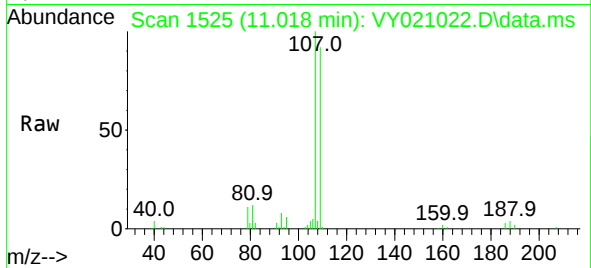




#61
1,2-Dibromoethane
Concen: 20.600 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

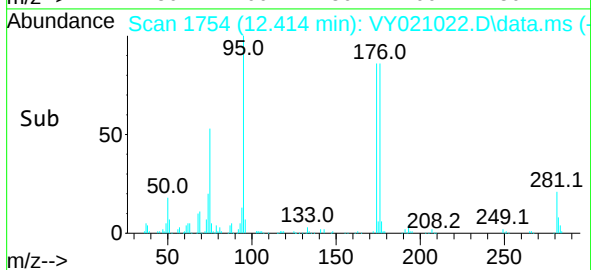
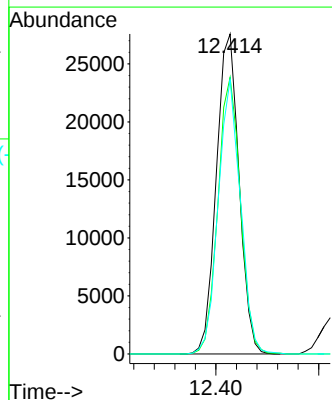
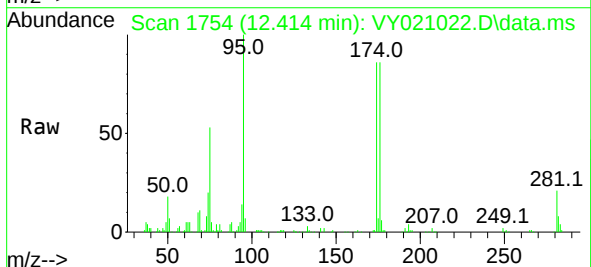
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

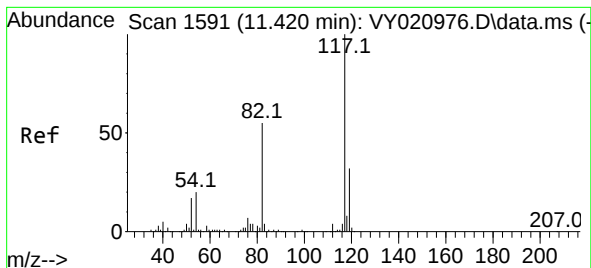
Tgt Ion:107 Resp: 24505
Ion Ratio Lower Upper
107 100
109 92.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 18.831 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 95 Resp: 42182
Ion Ratio Lower Upper
95 100
174 85.9 0.0 181.2
176 84.1 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

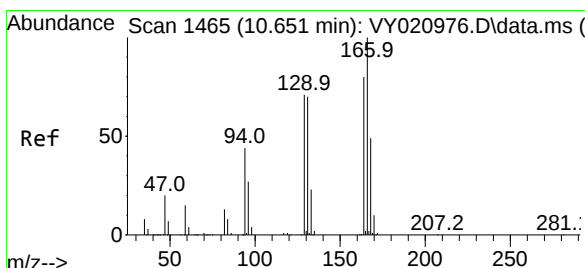
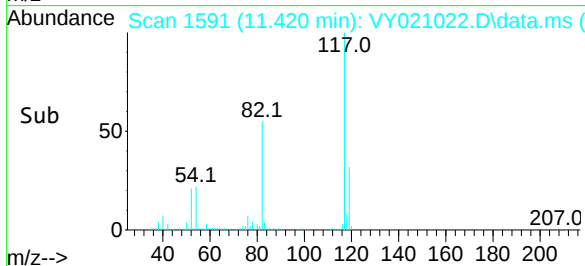
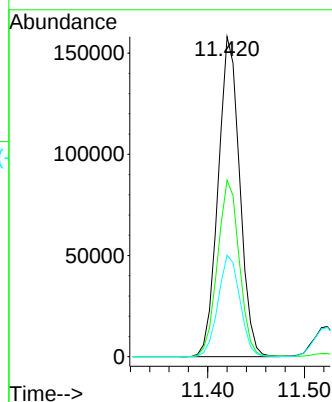
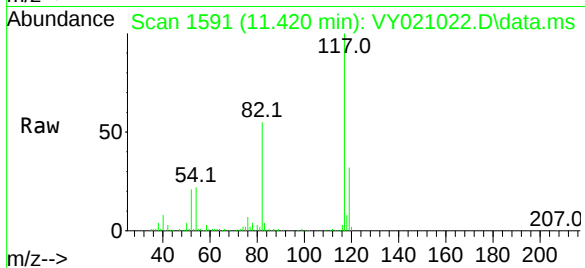
Tgt Ion:117 Resp: 244590

Ion Ratio Lower Upper

117 100

82 55.1 44.2 66.2

119 31.7 25.9 38.9



#64

Tetrachloroethene

Concen: 18.655 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Tgt Ion:164 Resp: 34418

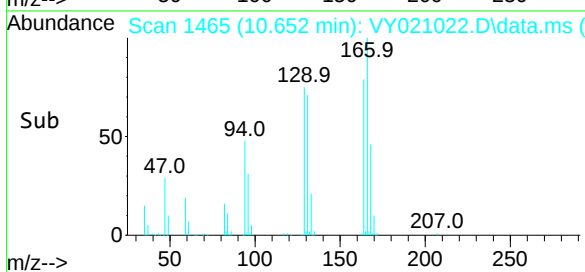
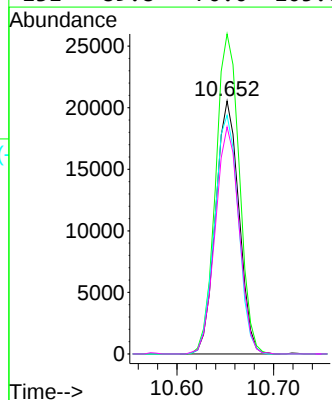
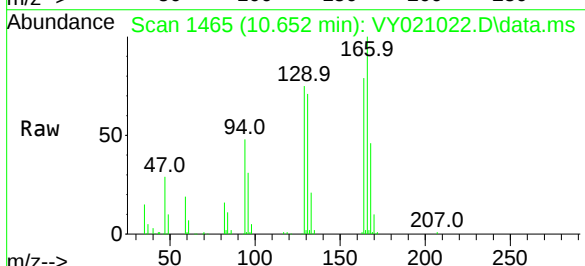
Ion Ratio Lower Upper

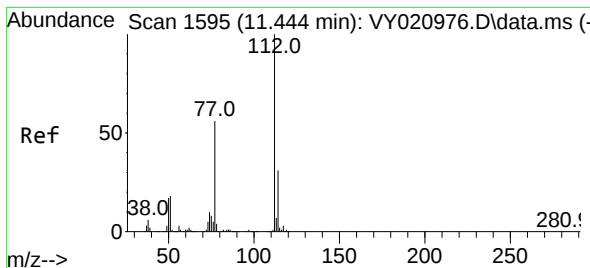
164 100

166 126.5 100.4 150.6

129 94.4 70.8 106.2

131 89.8 70.0 105.0





#65

Chlorobenzene

Concen: 20.015 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

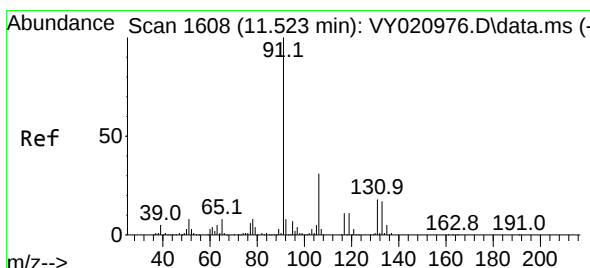
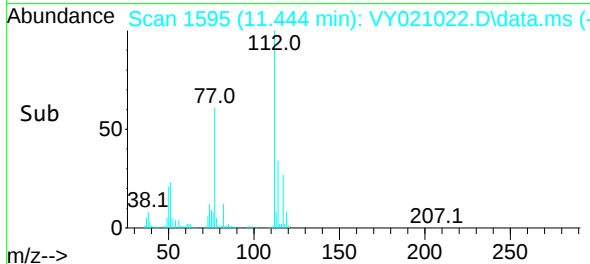
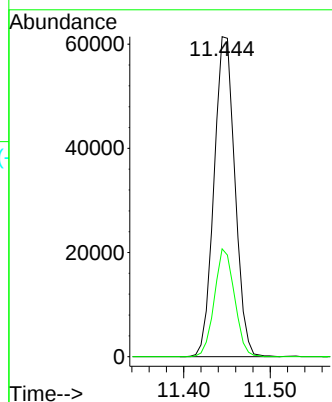
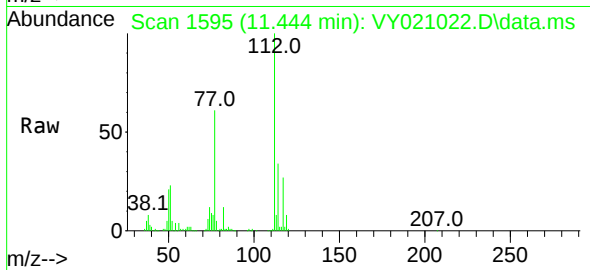
VSTDICC020

Tgt Ion:112 Resp: 103141

Ion Ratio Lower Upper

112 100

114 33.7 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 20.130 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

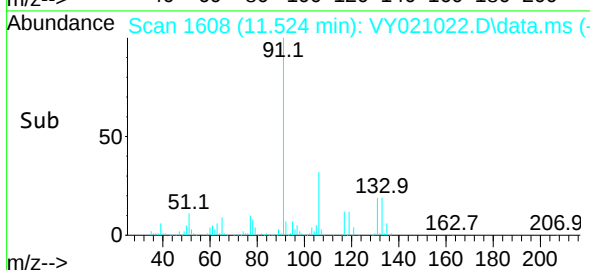
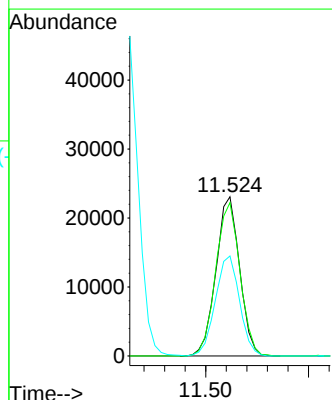
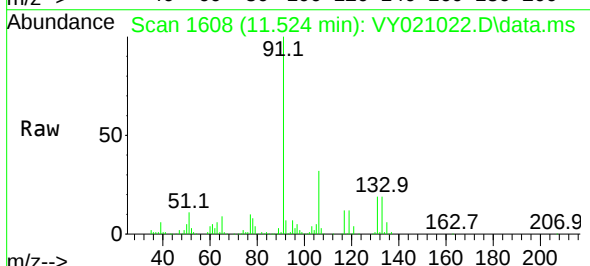
Tgt Ion:131 Resp: 36817

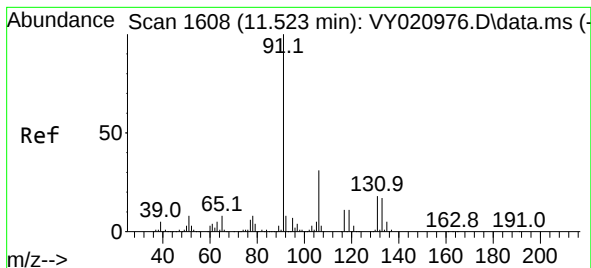
Ion Ratio Lower Upper

131 100

133 98.5 48.7 146.1

119 64.4 31.4 94.3





#67

Ethyl Benzene

Concen: 20.446 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

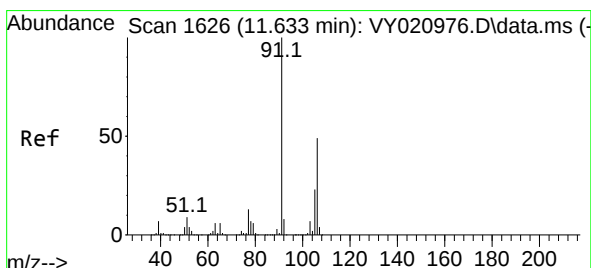
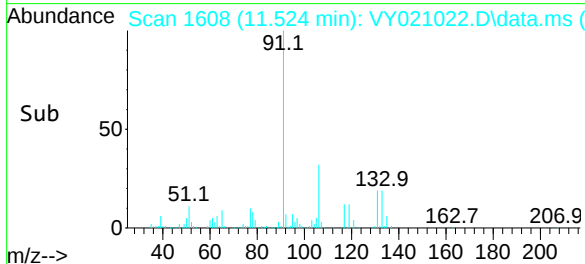
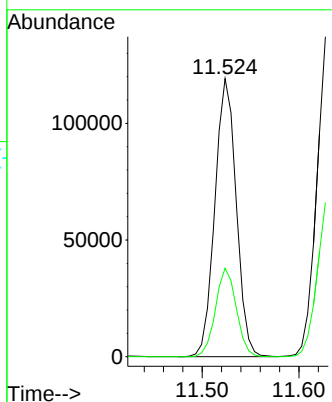
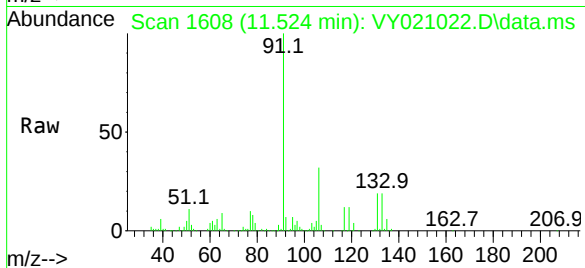
VSTDIC020

Tgt Ion: 91 Resp: 182430

Ion Ratio Lower Upper

91 100

106 31.8 24.9 37.3



#68

m/p-Xylenes

Concen: 40.497 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021022.D

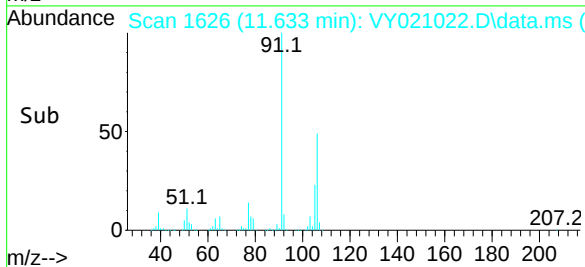
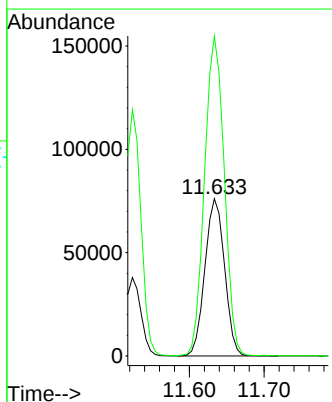
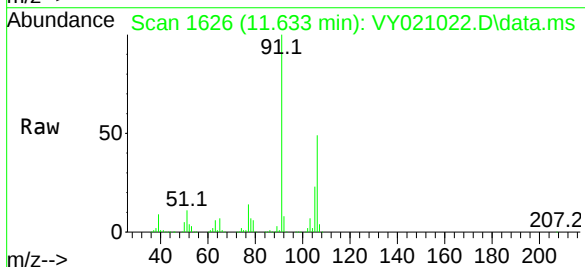
Acq: 03 Feb 2025 11:20

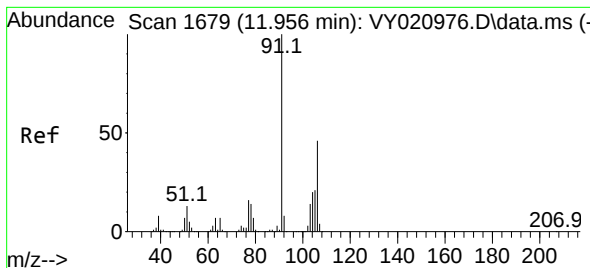
Tgt Ion:106 Resp: 138826

Ion Ratio Lower Upper

106 100

91 204.4 160.0 240.0





#69

o-Xylene

Concen: 20.276 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

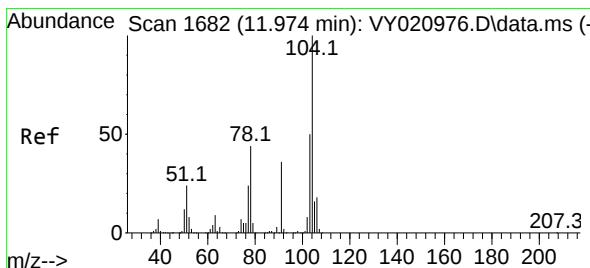
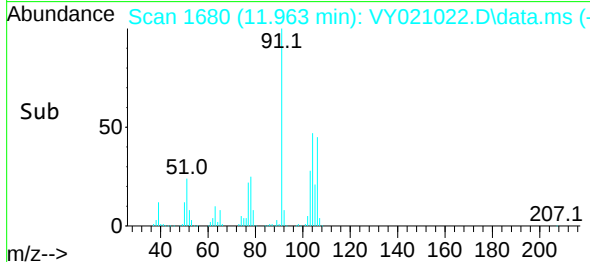
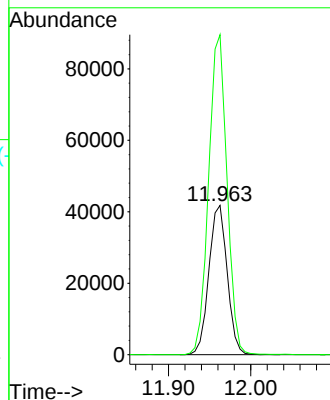
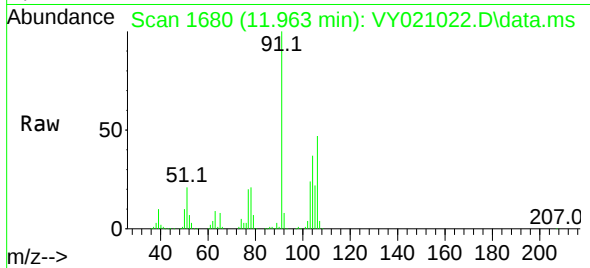
VSTDIC020

Tgt Ion:106 Resp: 64616

Ion Ratio Lower Upper

106 100

91 214.7 105.8 317.6



#70

Styrene

Concen: 20.439 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

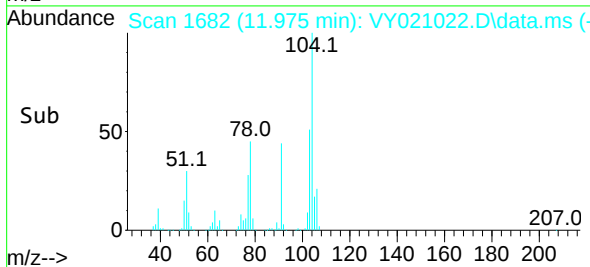
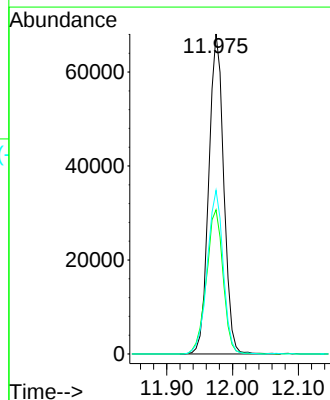
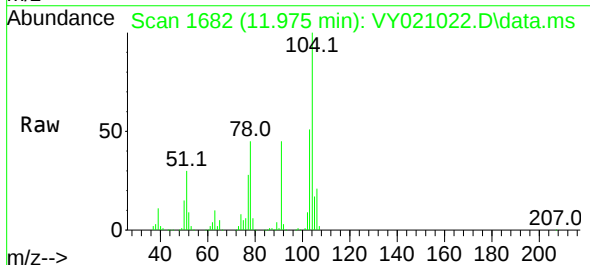
Tgt Ion:104 Resp: 108143

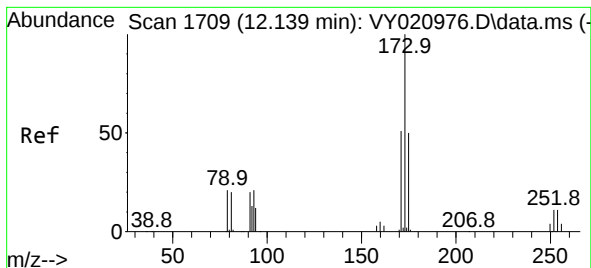
Ion Ratio Lower Upper

104 100

78 49.9 39.0 58.4

103 54.2 43.7 65.5





#71

Bromoform

Concen: 19.718 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

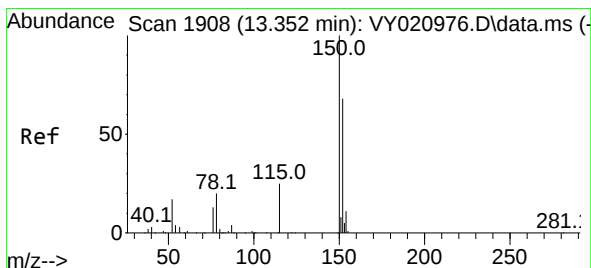
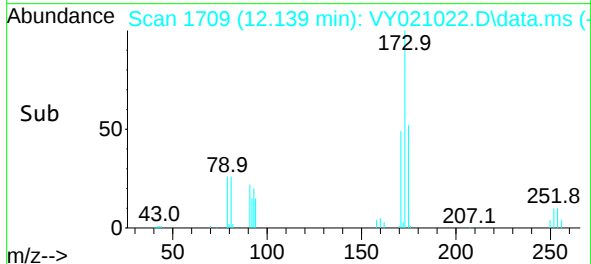
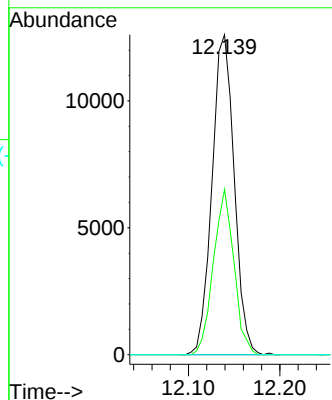
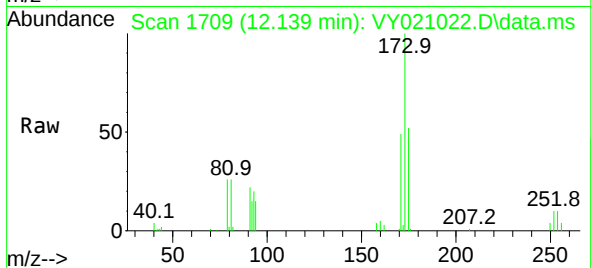
Tgt Ion:173 Resp: 21254

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

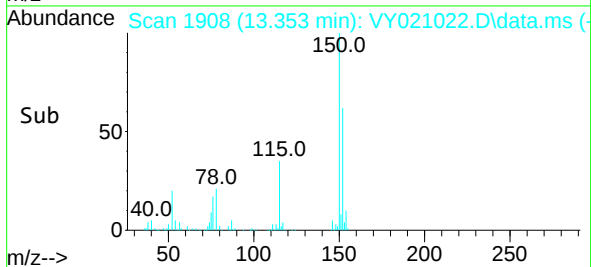
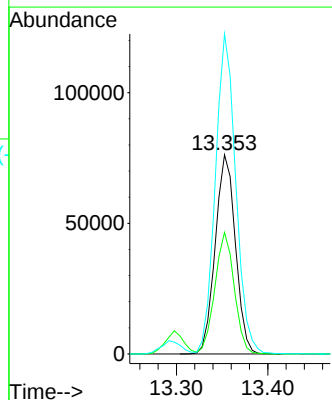
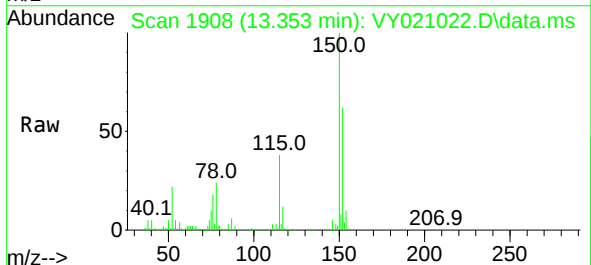
Tgt Ion:152 Resp: 116948

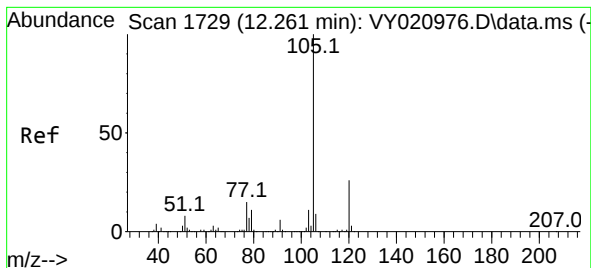
Ion Ratio Lower Upper

152 100

115 58.7 28.4 85.2

150 162.9 0.0 342.8





#73

Isopropylbenzene

Concen: 20.921 ug/l

RT: 12.261 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

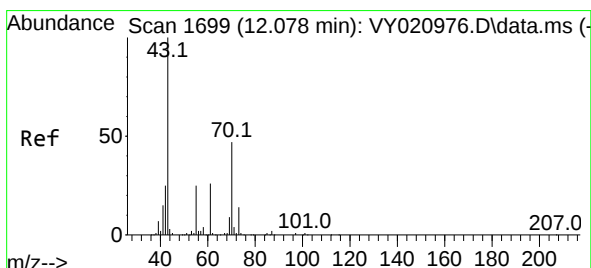
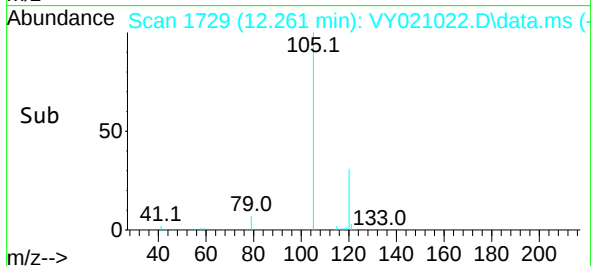
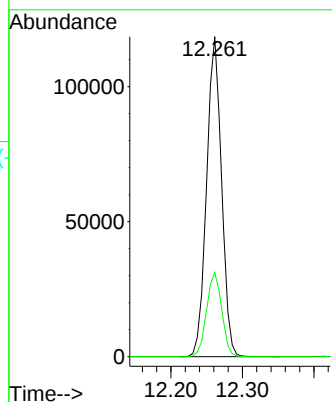
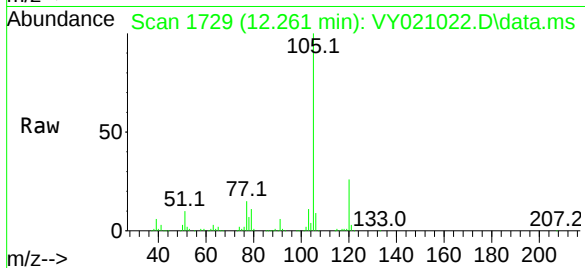
VSTDIC020

Tgt Ion:105 Resp: 171836

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



#74

N-ethyl acetate

Concen: 24.896 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Tgt Ion: 43 Resp: 37235

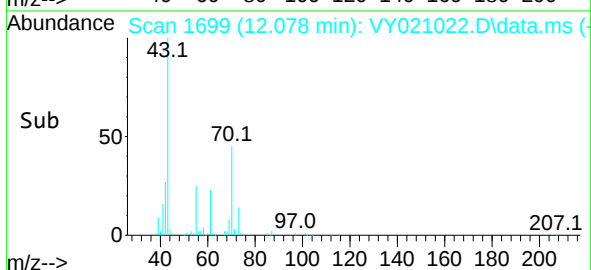
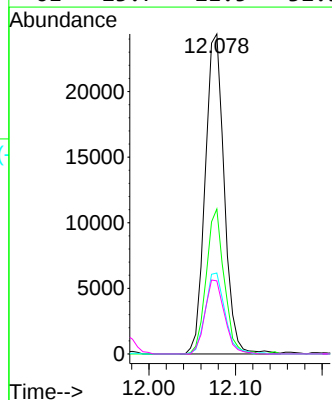
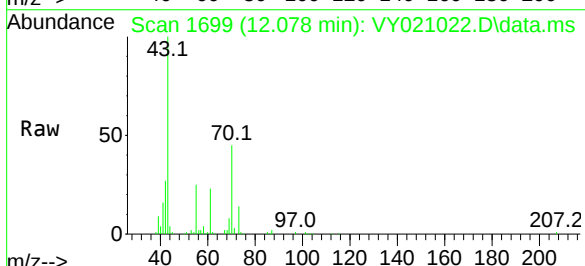
Ion Ratio Lower Upper

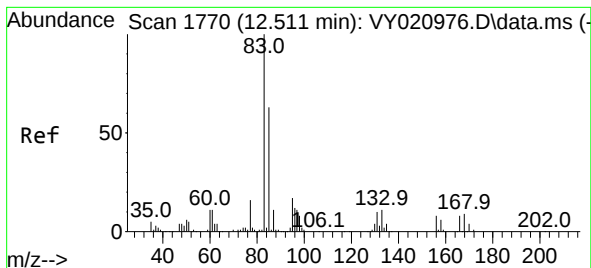
43 100

70 42.5 39.3 58.9

55 26.1 22.3 33.5

61 23.7 21.5 32.3





#75

1,1,2,2-Tetrachloroethane

Concen: 22.410 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

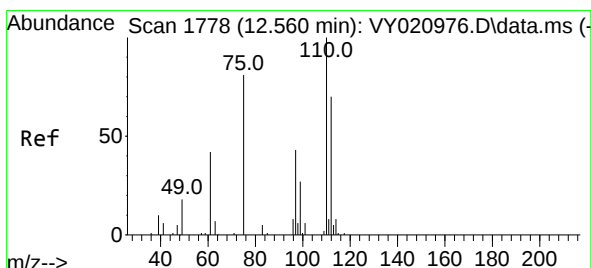
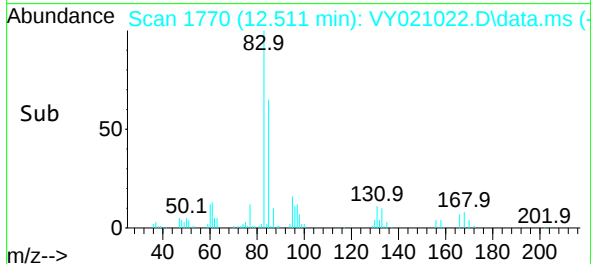
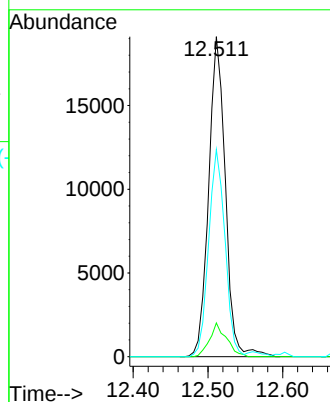
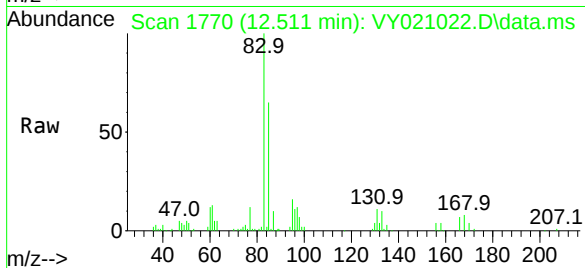
Tgt Ion: 83 Resp: 29712

Ion Ratio Lower Upper

83 100

131 10.6 5.7 17.1

85 63.4 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 42.065 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY021022.D

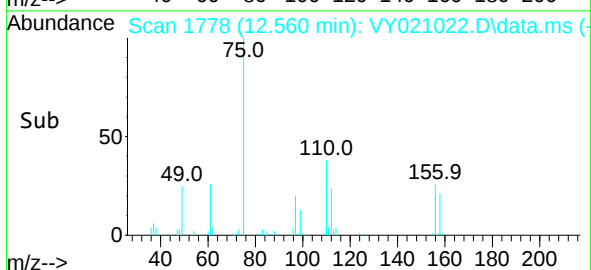
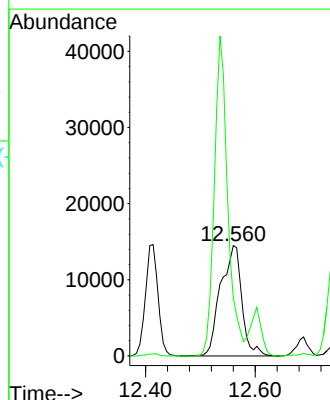
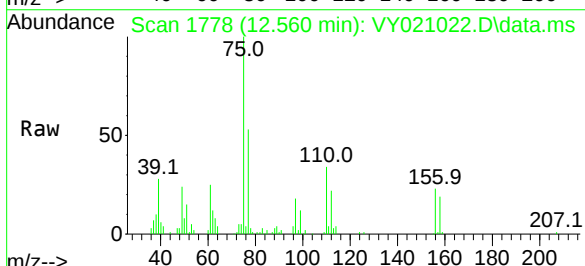
Acq: 03 Feb 2025 11:20

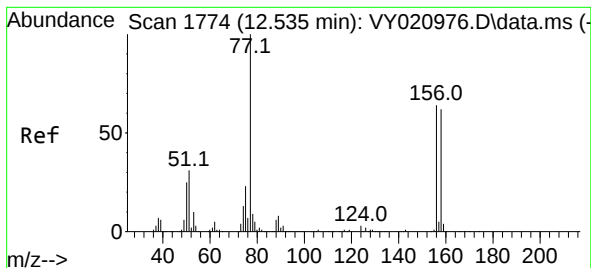
Tgt Ion: 75 Resp: 38943

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.793 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

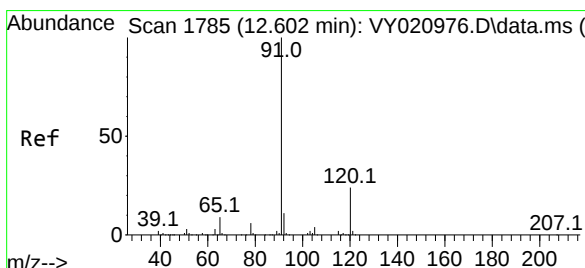
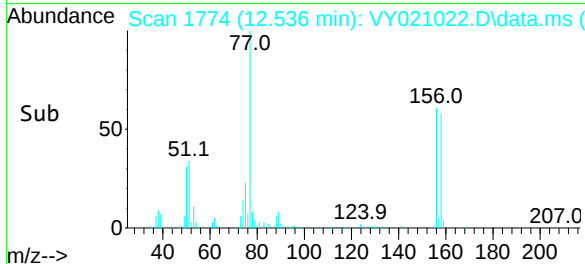
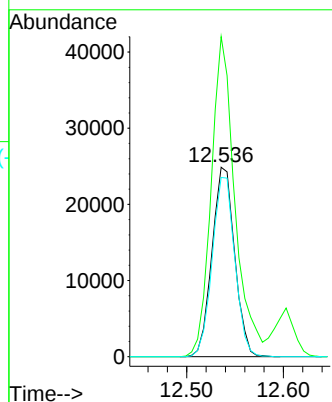
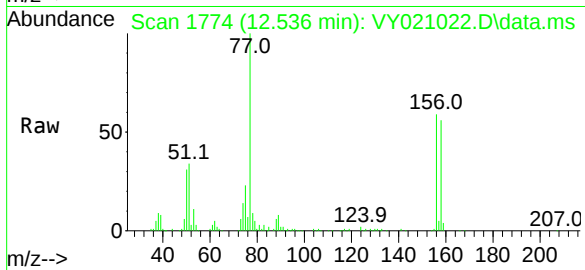
Tgt Ion:156 Resp: 40491

Ion Ratio Lower Upper

156 100

77 176.3 83.3 249.9

158 94.6 48.3 144.9



#78

n-propylbenzene

Concen: 21.429 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY021022.D

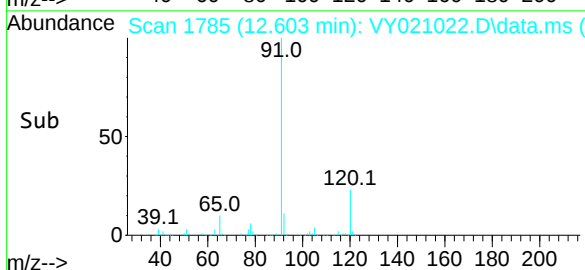
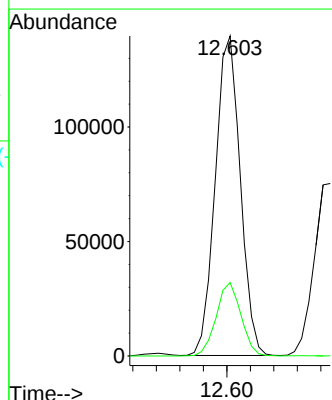
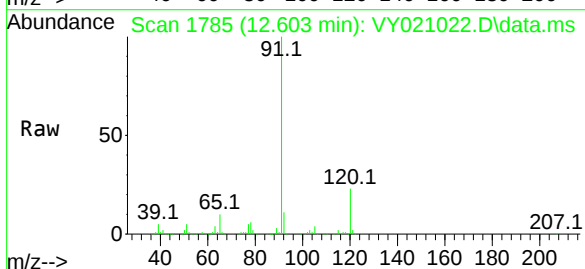
Acq: 03 Feb 2025 11:20

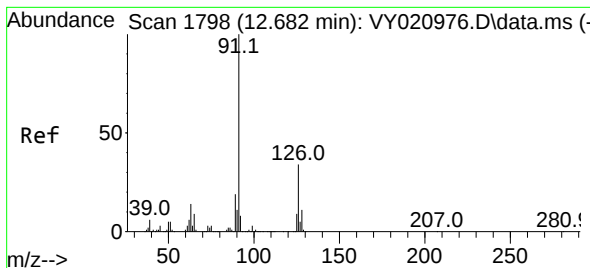
Tgt Ion: 91 Resp: 206279

Ion Ratio Lower Upper

91 100

120 22.7 11.8 35.4

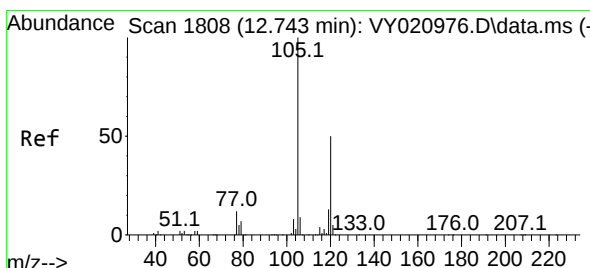
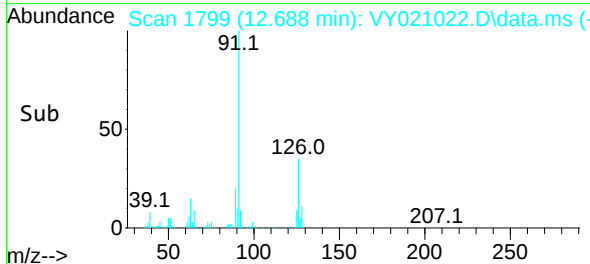
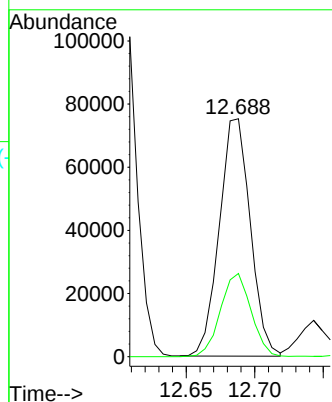
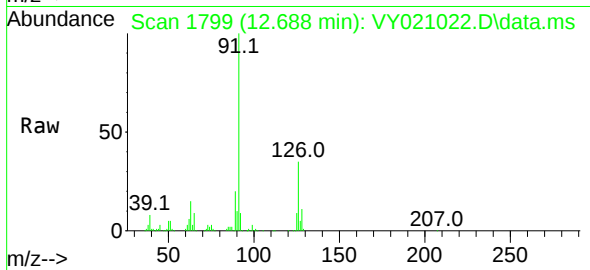




#79
2-Chlorotoluene
Concen: 21.638 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

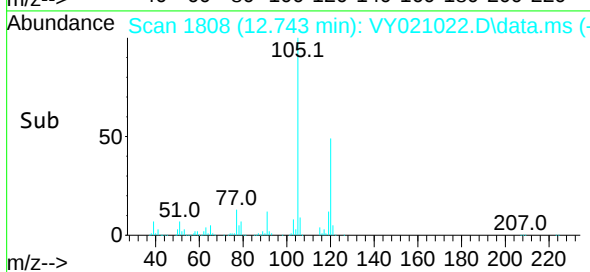
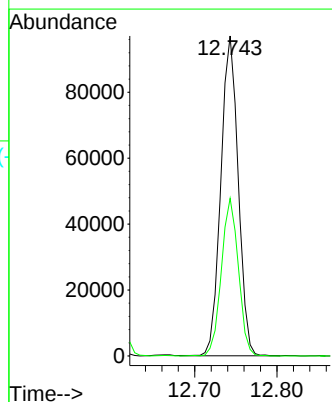
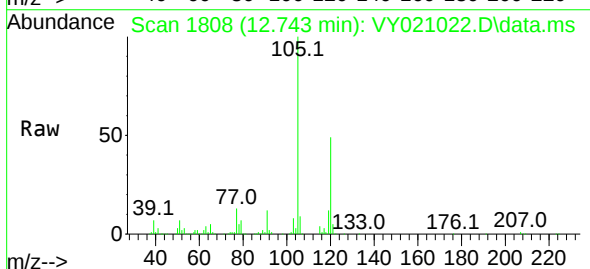
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

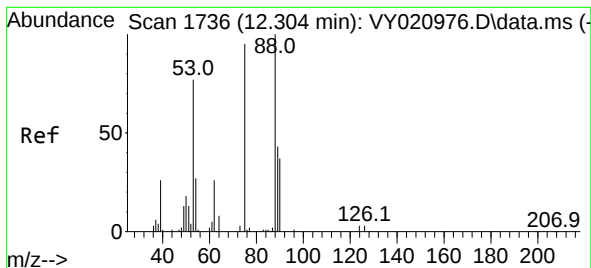
Tgt Ion: 91 Resp: 118673
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 21.150 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 105 Resp: 142319
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9

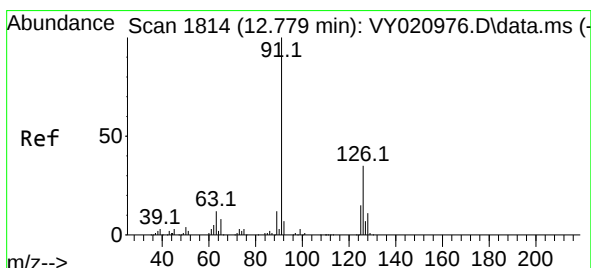
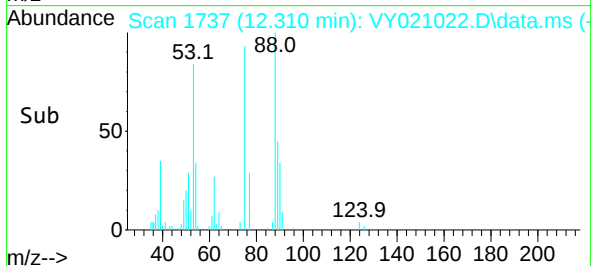
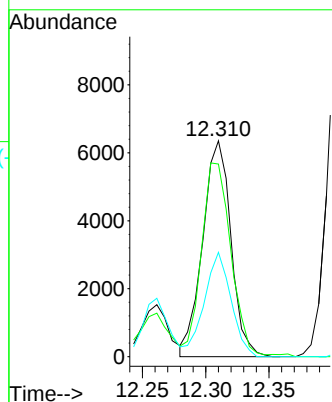
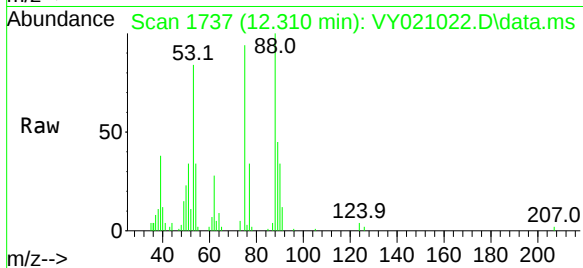




#81
trans-1,4-Dichloro-2-butene
Concen: 22.135 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

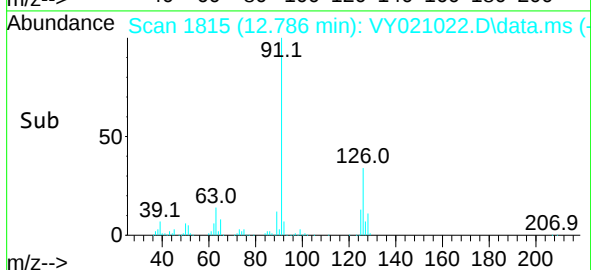
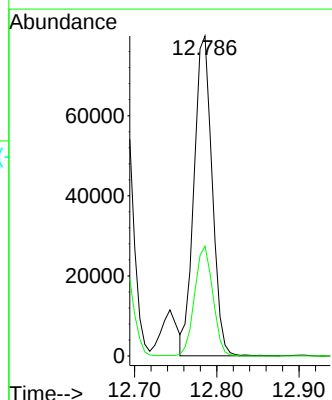
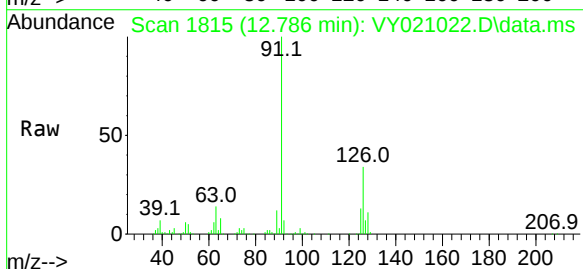
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

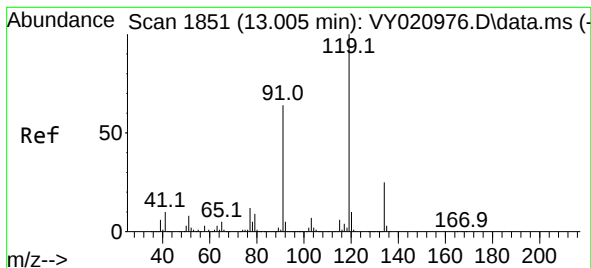
Tgt Ion: 75 Resp: 9872
Ion Ratio Lower Upper
75 100
53 94.1 68.6 103.0
89 46.0 38.1 57.1



#82
4-Chlorotoluene
Concen: 21.712 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021022.D
Acq: 03 Feb 2025 11:20

Tgt Ion: 91 Resp: 121872
Ion Ratio Lower Upper
91 100
126 34.7 17.3 52.0





#83

tert-Butylbenzene

Concen: 20.651 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

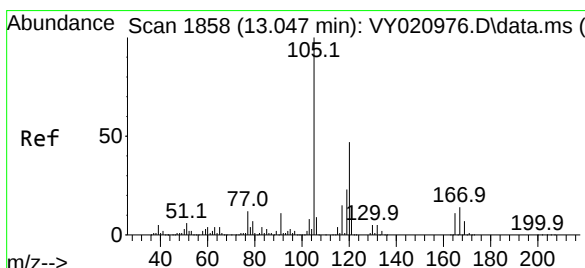
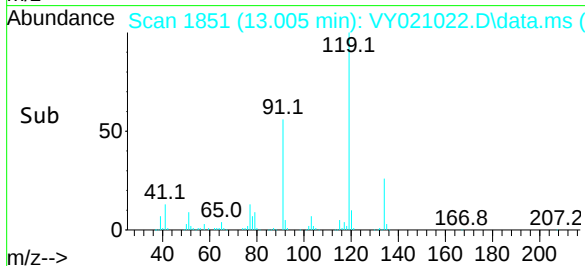
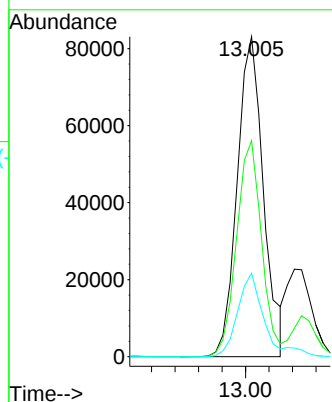
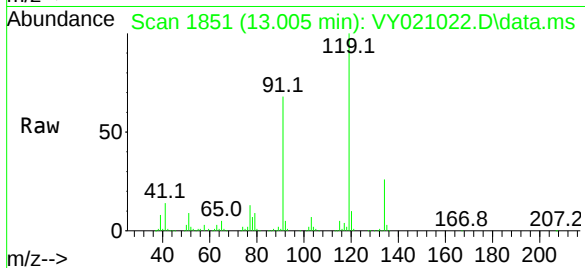
Tgt Ion:119 Resp: 128881

Ion Ratio Lower Upper

119 100

91 64.4 31.4 94.0

134 26.5 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 21.214 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY021022.D

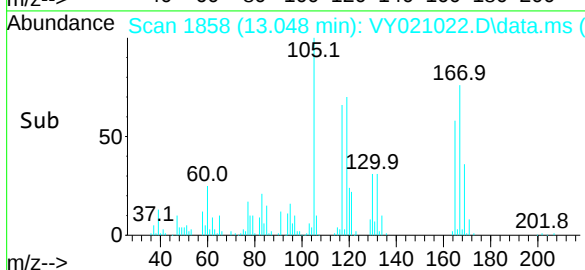
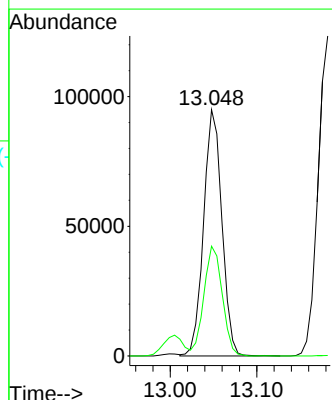
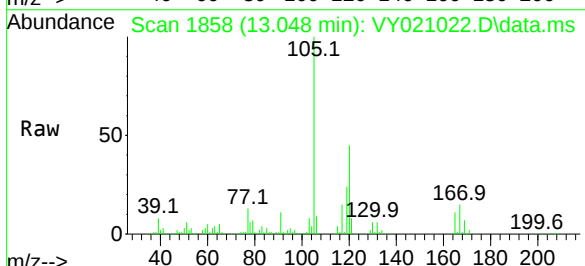
Acq: 03 Feb 2025 11:20

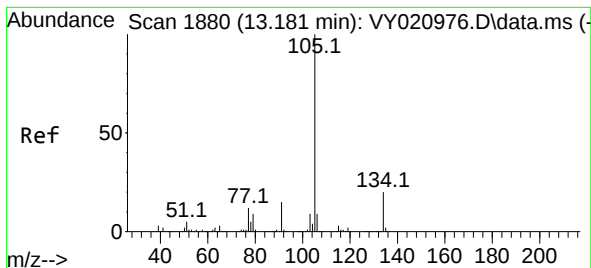
Tgt Ion:105 Resp: 139446

Ion Ratio Lower Upper

105 100

120 44.7 22.7 68.0





#85

sec-Butylbenzene

Concen: 20.943 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

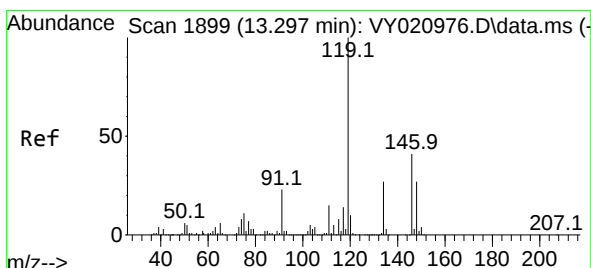
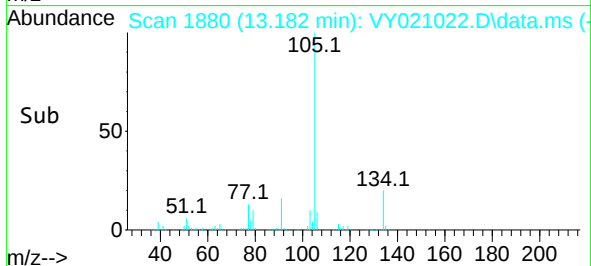
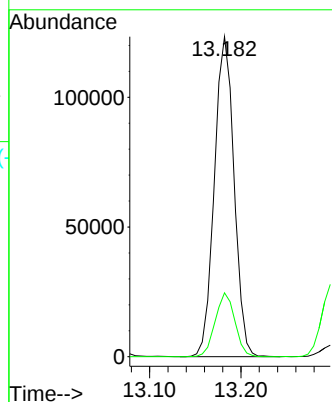
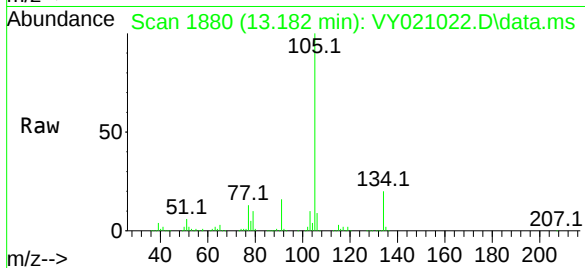
VSTDICC020

Tgt Ion:105 Resp: 185044

Ion Ratio Lower Upper

105 100

134 19.9 10.3 30.8



#86

p-Isopropyltoluene

Concen: 20.815 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

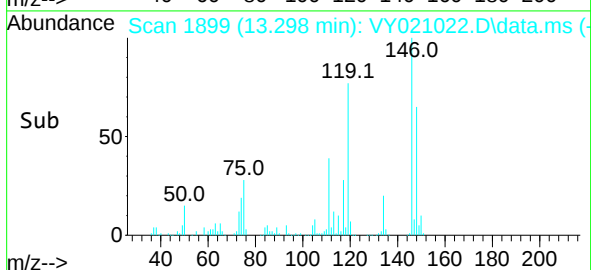
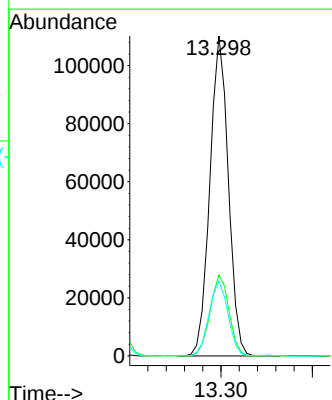
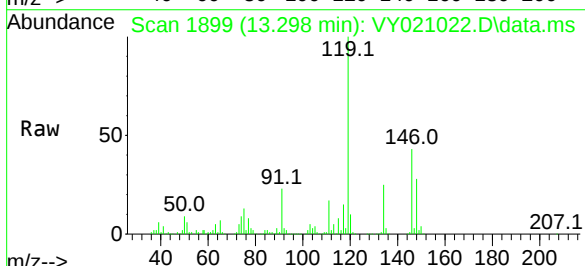
Tgt Ion:119 Resp: 154555

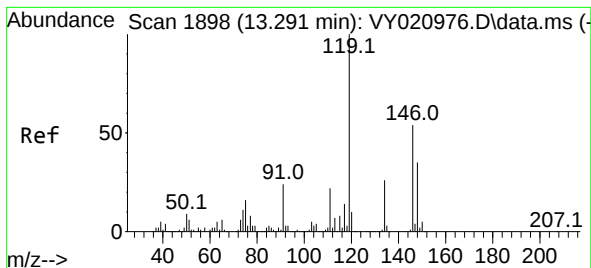
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 23.8 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 20.446 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

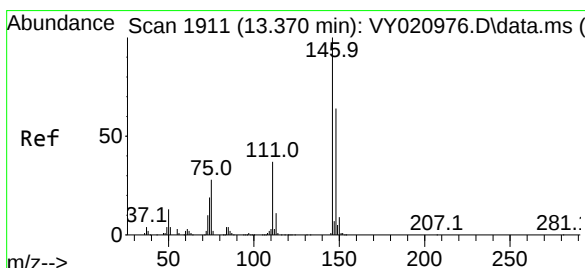
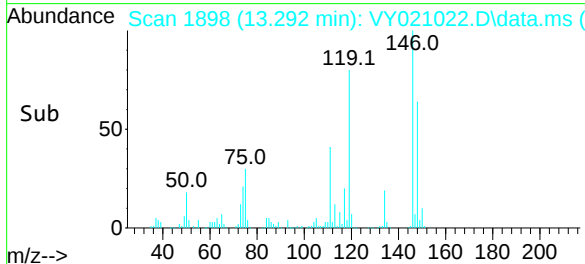
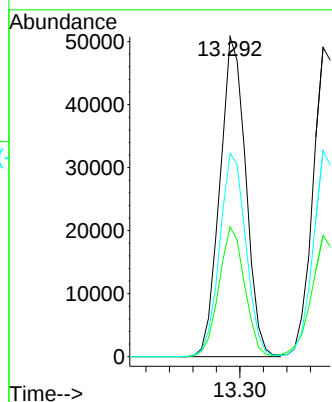
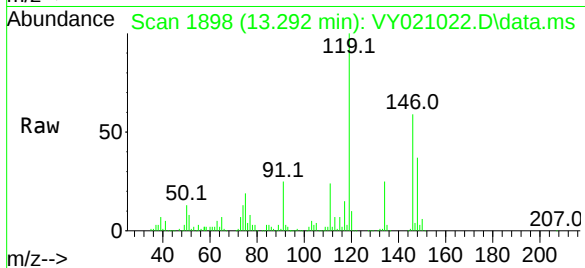
Tgt Ion:146 Resp: 77631

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.1

148 64.7 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.248 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

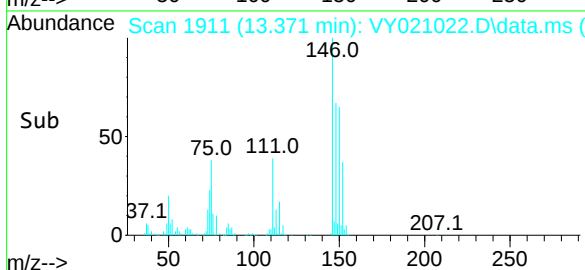
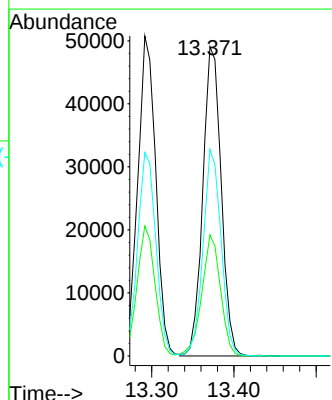
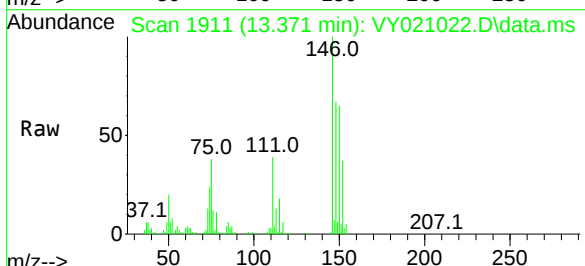
Tgt Ion:146 Resp: 76342

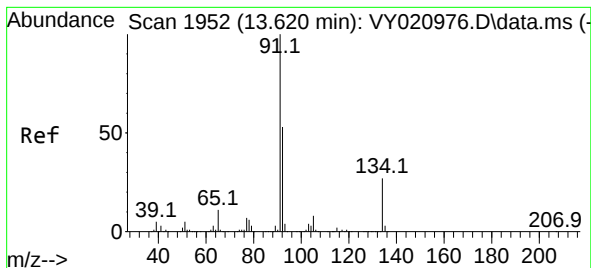
Ion Ratio Lower Upper

146 100

111 39.9 19.0 57.0

148 65.6 31.6 95.0





#89

n-Butylbenzene

Concen: 20.829 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

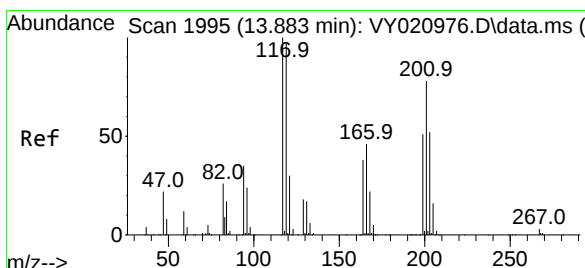
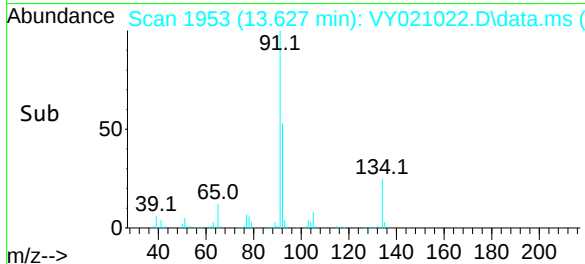
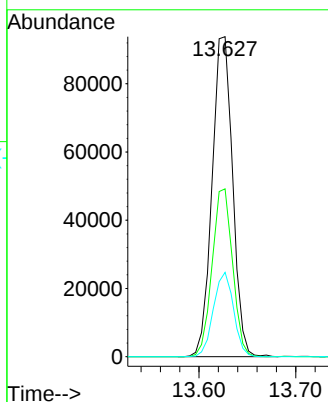
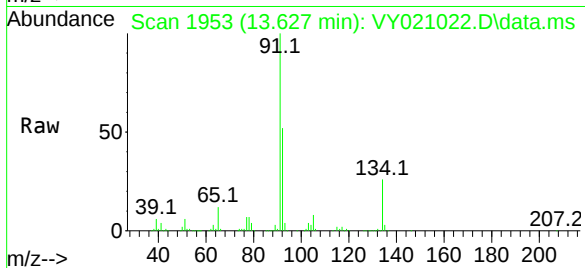
Tgt Ion: 91 Resp: 138532

Ion Ratio Lower Upper

91 100

92 52.2 26.7 80.1

134 25.8 13.7 41.1



#90

Hexachloroethane

Concen: 21.166 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY021022.D

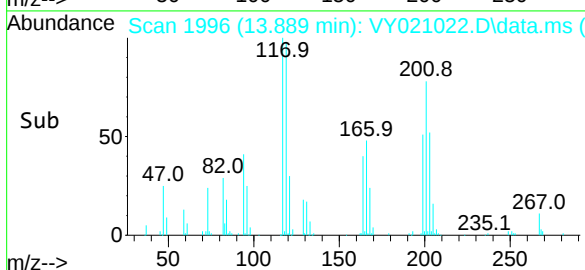
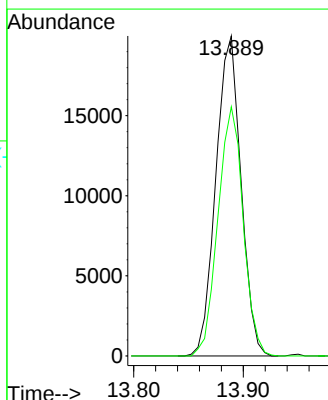
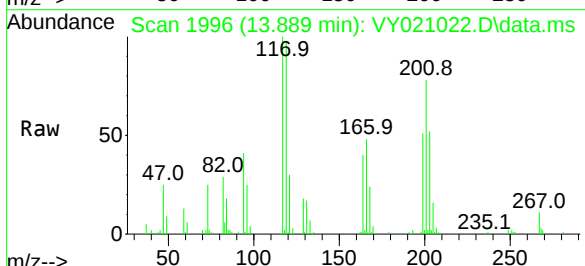
Acq: 03 Feb 2025 11:20

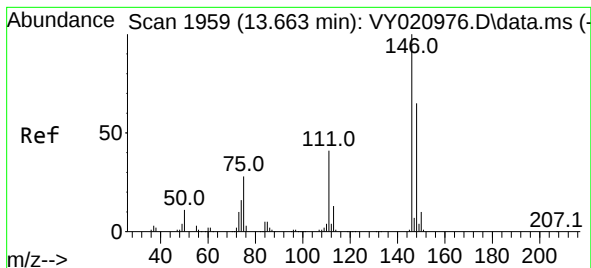
Tgt Ion: 117 Resp: 31796

Ion Ratio Lower Upper

117 100

201 78.2 42.5 127.5





#91

1,2-Dichlorobenzene

Concen: 20.344 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

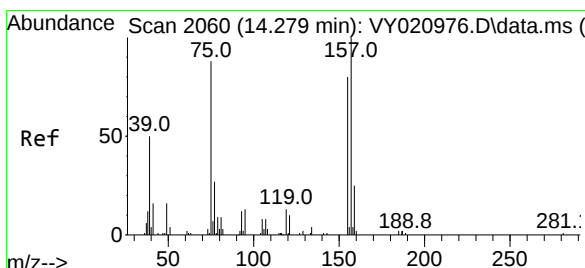
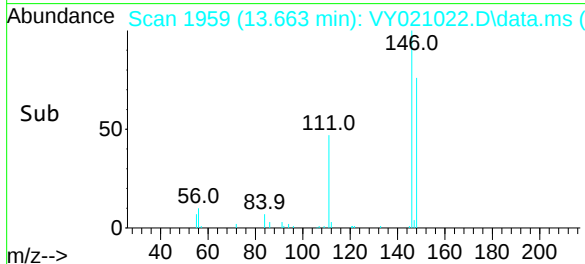
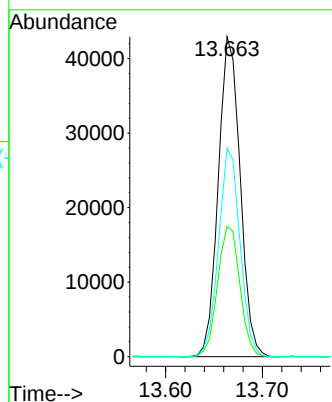
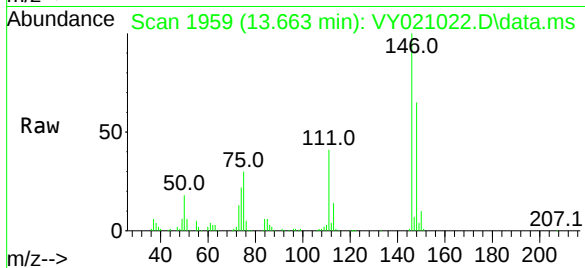
Tgt Ion:146 Resp: 67363

Ion Ratio Lower Upper

146 100

111 41.5 20.3 60.8

148 64.0 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.380 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

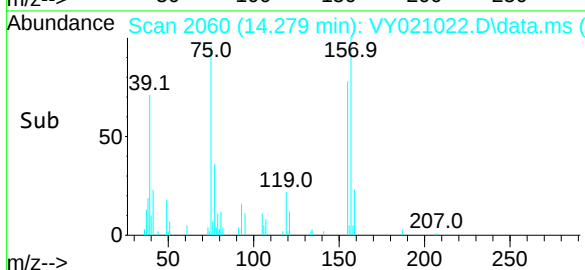
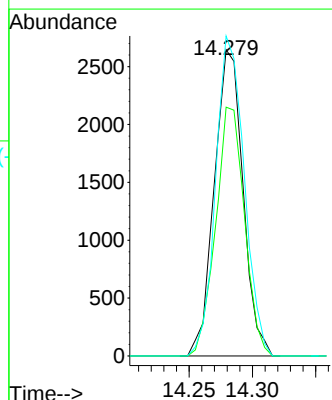
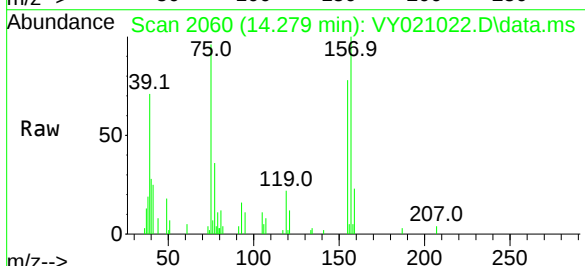
Tgt Ion: 75 Resp: 4160

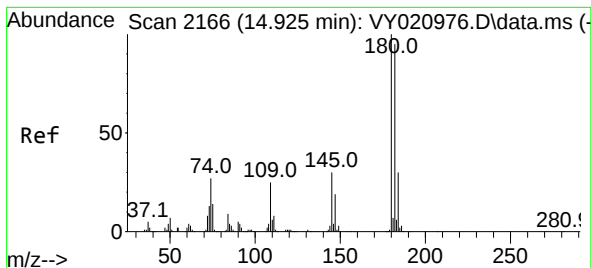
Ion Ratio Lower Upper

75 100

155 81.6 45.9 137.6

157 103.8 59.3 177.9





#93

1,2,4-Trichlorobenzene

Concen: 17.150 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

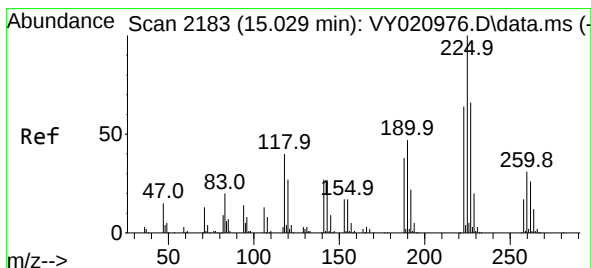
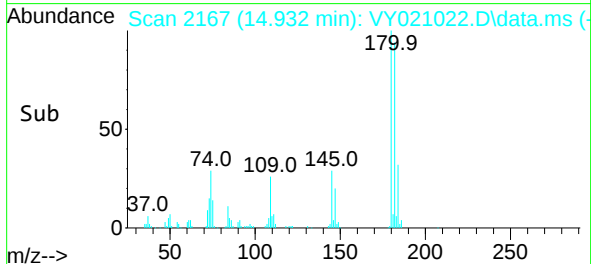
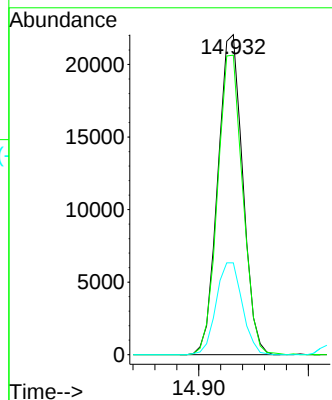
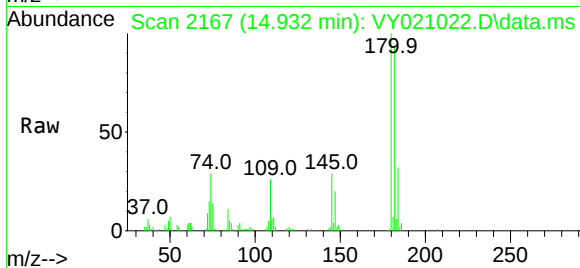
Tgt Ion:180 Resp: 34770

Ion Ratio Lower Upper

180 100

182 94.4 48.3 144.8

145 30.1 15.3 45.8



#94

Hexachlorobutadiene

Concen: 17.435 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

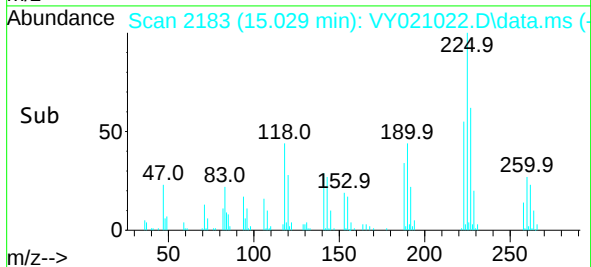
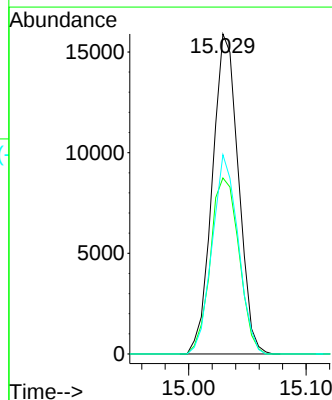
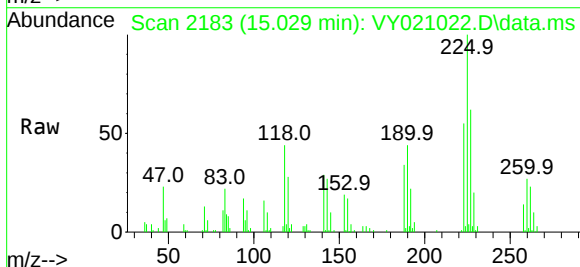
Tgt Ion:225 Resp: 24481

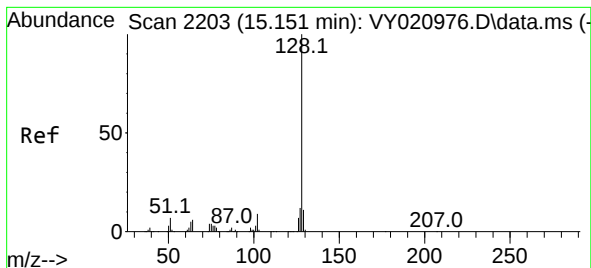
Ion Ratio Lower Upper

225 100

223 60.2 31.4 94.2

227 62.1 31.8 95.3





#95

Naphthalene

Concen: 16.886 ug/l

RT: 15.151 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

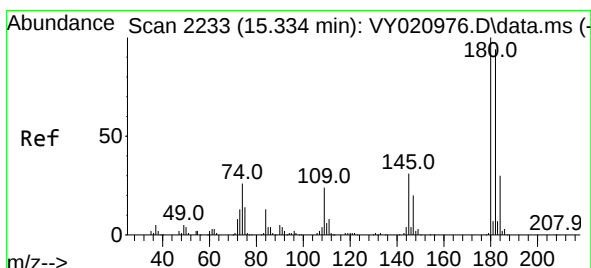
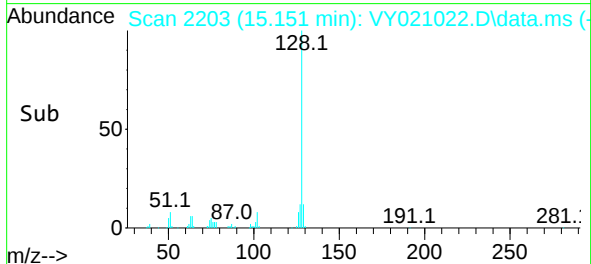
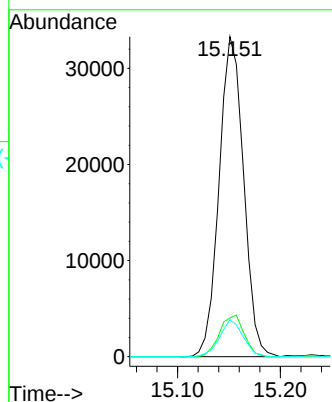
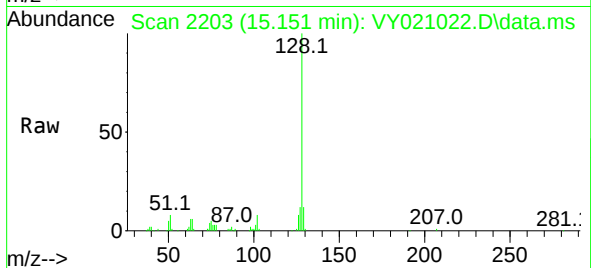
Tgt Ion:128 Resp: 55021

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 17.090 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021022.D

Acq: 03 Feb 2025 11:20

Tgt Ion:180 Resp: 29301

Ion Ratio Lower Upper

180 100

182 93.8 47.7 143.1

145 32.3 15.6 46.7

