

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021021.D
 Acq On : 03 Feb 2025 10:57
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Feb 03 12:38:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 12:36:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	182294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	285332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	239030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	115682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	20294	13.075	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	26.160%#
35) Dibromofluoromethane	7.646	113	18627	10.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.720%#
50) Toluene-d8	10.109	98	70569	10.540	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	21.080%#
62) 4-Bromofluorobenzene	12.414	95	23279	10.362	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	20.720%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	15959	10.296	ug/l	99
3) Chloromethane	2.074	50	16219	16.458	ug/l	98
4) Vinyl Chloride	2.208	62	16094	15.839	ug/l	93
5) Bromomethane	2.604	94	10042	14.599	ug/l	99
6) Chloroethane	2.745	64	9830	16.561	ug/l	95
7) Trichlorofluoromethane	3.068	101	29663	12.097	ug/l	90
8) Diethyl Ether	3.458	74	9330	12.745	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.824	101	18483	11.194	ug/l	96
10) Methyl Iodide	4.019	142	19381	10.258	ug/l	98
11) Tert butyl alcohol	4.860	59	4102	36.180	ug/l #	86
12) 1,1-Dichloroethene	3.799	96	17176	11.131	ug/l	90
13) Acrolein	3.665	56	10409	79.726	ug/l	96
14) Allyl chloride	4.391	41	28376	13.358	ug/l	93
15) Acrylonitrile	5.074	53	19104	63.446	ug/l	97
16) Acetone	3.879	43	15112	71.438	ug/l #	86
17) Carbon Disulfide	4.116	76	53088	11.171	ug/l	100
18) Methyl Acetate	4.397	43	10297	13.911	ug/l	94
19) Methyl tert-butyl Ether	5.128	73	43216	12.033	ug/l	96
20) Methylene Chloride	4.622	84	18455	11.829	ug/l	89
21) trans-1,2-Dichloroethene	5.128	96	18903	11.426	ug/l	100
22) Diisopropyl ether	6.031	45	59888	13.831	ug/l #	89
23) Vinyl Acetate	5.970	43	166437	69.409	ug/l	94
24) 1,1-Dichloroethane	5.927	63	34569	12.375	ug/l	99
25) 2-Butanone	6.902	43	24268	67.624	ug/l	93
26) 2,2-Dichloropropane	6.896	77	32771	11.915	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	21309	11.206	ug/l	91
28) Bromochloromethane	7.256	49	13417	12.892	ug/l	86
29) Tetrahydrofuran	7.274	42	16758	69.395	ug/l	92
30) Chloroform	7.427	83	37054	12.247	ug/l	100
31) Cyclohexane	7.707	56	32272	11.819	ug/l #	88
32) 1,1,1-Trichloroethane	7.628	97	32862	11.223	ug/l	95
36) 1,1-Dichloropropene	7.847	75	26479	10.820	ug/l	96
37) Ethyl Acetate	6.994	43	11876	13.017	ug/l	97
38) Carbon Tetrachloride	7.823	117	31462	10.389	ug/l	96
39) Methylcyclohexane	9.115	83	31392	9.549	ug/l	90
40) Benzene	8.085	78	78846	10.950	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021021.D
 Acq On : 03 Feb 2025 10:57
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Feb 03 12:38:07 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	16460	32.608	ug/l #	33
42) 1,2-Dichloroethane	8.164	62	22281	12.201	ug/l	99
43) Isopropyl Acetate	8.207	43	23795	13.055	ug/l #	84
44) Trichloroethene	8.872	130	20261	10.197	ug/l	100
45) 1,2-Dichloropropane	9.146	63	18765	11.627	ug/l	96
46) Dibromomethane	9.237	93	10511	11.191	ug/l	94
47) Bromodichloromethane	9.432	83	28538	11.570	ug/l	96
48) Methyl methacrylate	9.225	41	10297	11.866	ug/l	93
49) 1,4-Dioxane	9.231	88	1885	188.876	ug/l #	89
51) 4-Methyl-2-Pentanone	10.006	43	60088	64.159	ug/l	94
52) Toluene	10.176	92	48876	10.457	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	24301	10.888	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	29426	11.031	ug/l	93
55) 1,1,2-Trichloroethane	10.579	97	13425	10.748	ug/l	96
56) Ethyl methacrylate	10.445	69	16883	10.341	ug/l #	86
57) 1,3-Dichloropropane	10.725	76	23377	11.042	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	41611	60.048	ug/l	95
59) 2-Hexanone	10.768	43	37306	61.283	ug/l	90
60) Dibromochloromethane	10.914	129	18851	10.585	ug/l	100
61) 1,2-Dibromoethane	11.018	107	12746	10.684	ug/l	100
64) Tetrachloroethene	10.652	164	17544	9.730	ug/l	98
65) Chlorobenzene	11.450	112	53298	10.583	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.524	131	19150	10.714	ug/l	99
67) Ethyl Benzene	11.524	91	90783	10.411	ug/l	99
68) m/p-Xylenes	11.633	106	69094	20.624	ug/l	98
69) o-Xylene	11.963	106	31473	10.106	ug/l	96
70) Styrene	11.975	104	53436	10.334	ug/l	98
71) Bromoform	12.139	173	10627	10.088	ug/l #	97
73) Isopropylbenzene	12.261	105	85491	10.522	ug/l	98
74) N-amyl acetate	12.078	43	18529	12.524	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.511	83	14942	11.393	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	19562	21.361	ug/l #	100
77) Bromobenzene	12.536	156	20634	10.712	ug/l	94
78) n-propylbenzene	12.603	91	102250	10.738	ug/l	97
79) 2-Chlorotoluene	12.688	91	59630	10.991	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	70161	10.541	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	5224	11.842	ug/l	92
82) 4-Chlorotoluene	12.786	91	62279	11.217	ug/l	96
83) tert-Butylbenzene	13.005	119	63506	10.287	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	67906	10.444	ug/l	100
85) sec-Butylbenzene	13.182	105	92610	10.596	ug/l	98
86) p-Isopropyltoluene	13.298	119	74892	10.196	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	39016	10.388	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	39379	10.559	ug/l	95
89) n-Butylbenzene	13.627	91	67632	10.280	ug/l	97
90) Hexachloroethane	13.889	117	16030	10.788	ug/l	95
91) 1,2-Dichlorobenzene	13.670	146	35252	10.763	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2296	11.372	ug/l	87
93) 1,2,4-Trichlorobenzene	14.932	180	17451	8.702	ug/l	98
94) Hexachlorobutadiene	15.029	225	11988	8.631	ug/l	99
95) Naphthalene	15.151	128	27103	8.409	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	14804	8.729	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021021.D
Acq On : 03 Feb 2025 10:57
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

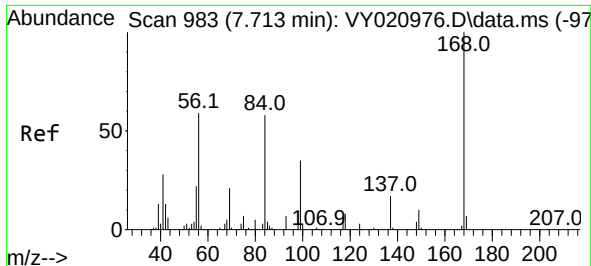
Quant Time: Feb 03 12:38:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 12:36:41 2025
Response via : Initial Calibration

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

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

Quant Time: Feb 03 12:38:07 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

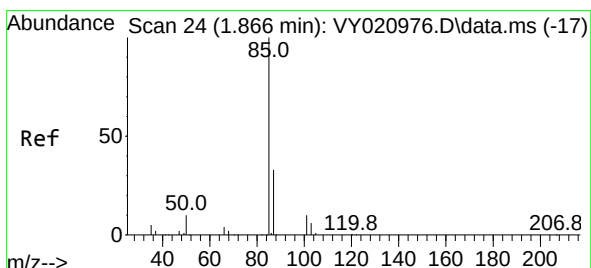
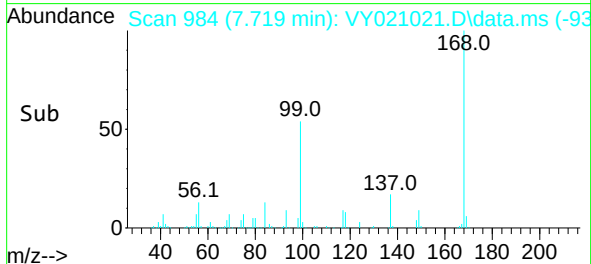
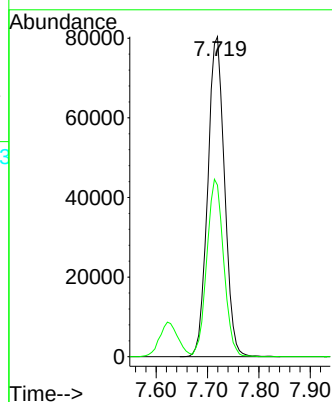
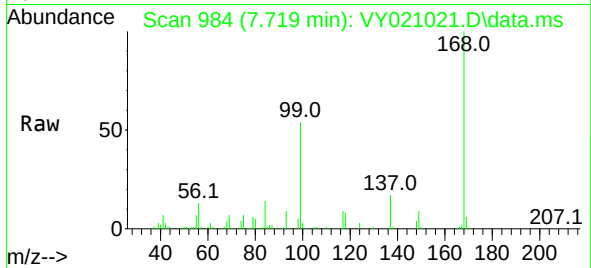




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

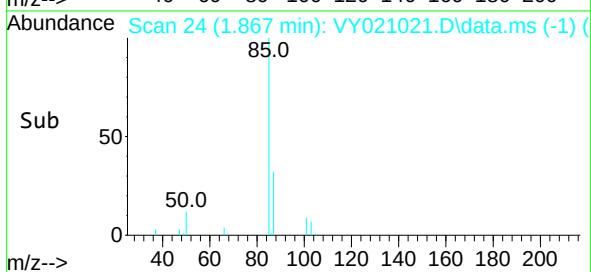
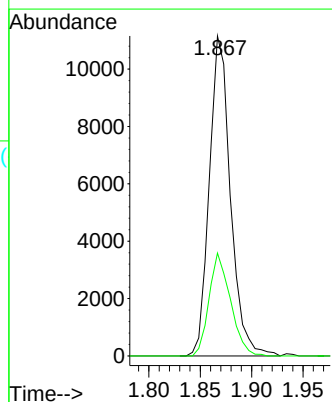
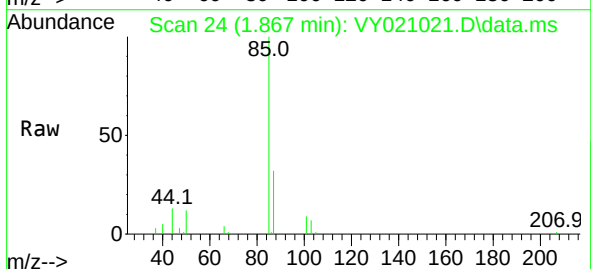
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

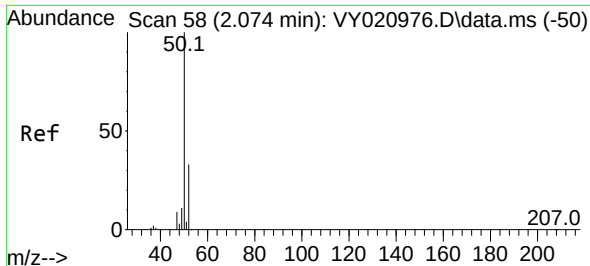
Tgt Ion:168 Resp: 182294
Ion Ratio Lower Upper
168 100
99 53.6 42.2 63.2



#2
Dichlorodifluoromethane
Concen: 10.296 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 85 Resp: 15959
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.9

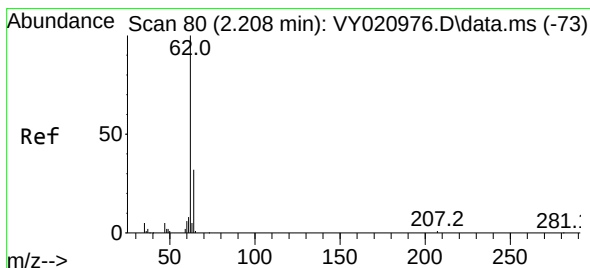
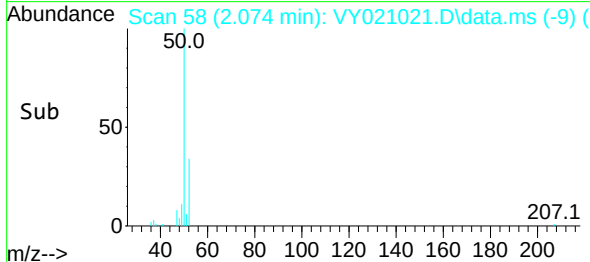
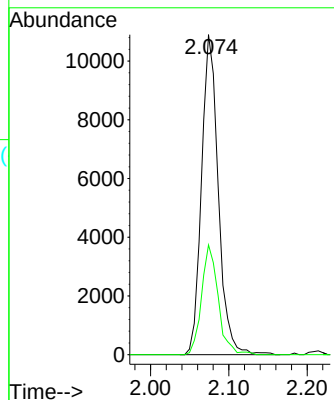
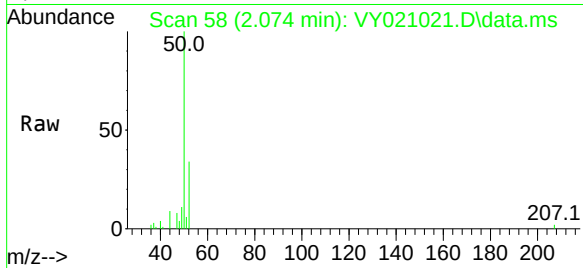




#3
Chloromethane
Concen: 16.458 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

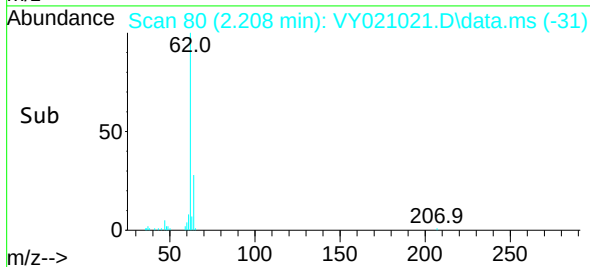
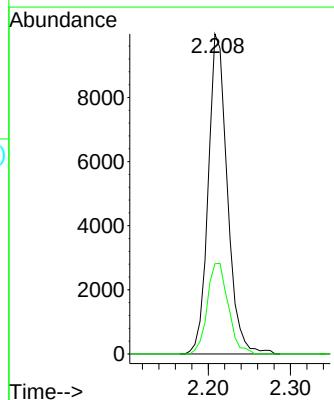
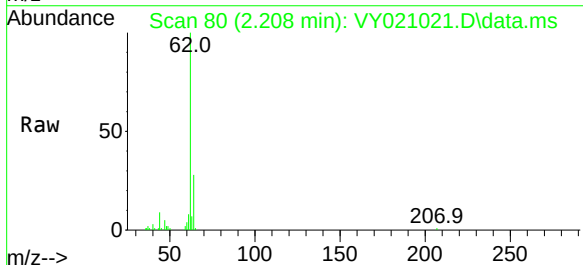
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

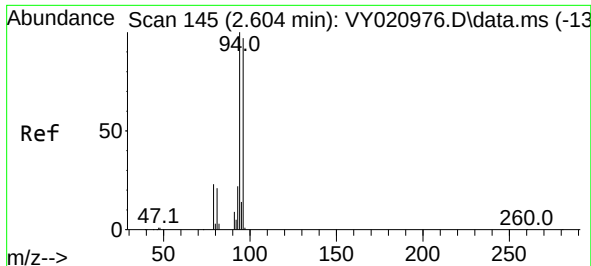
Tgt Ion: 50 Resp: 16219
Ion Ratio Lower Upper
50 100
52 34.3 26.3 39.5



#4
Vinyl Chloride
Concen: 15.839 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 62 Resp: 16094
Ion Ratio Lower Upper
62 100
64 28.2 25.4 38.2

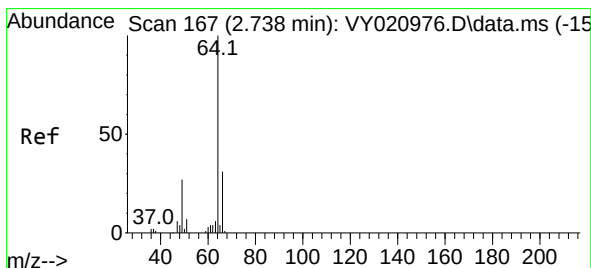
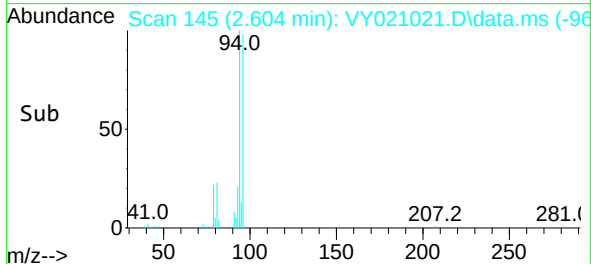
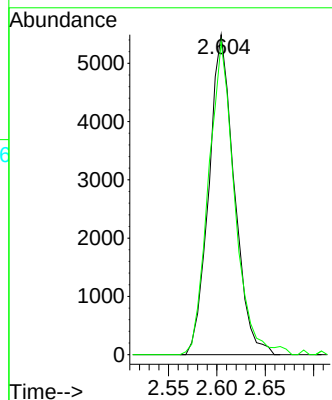
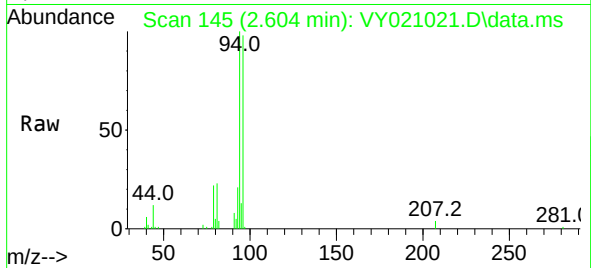




#5
Bromomethane
Concen: 14.599 ug/l
RT: 2.604 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

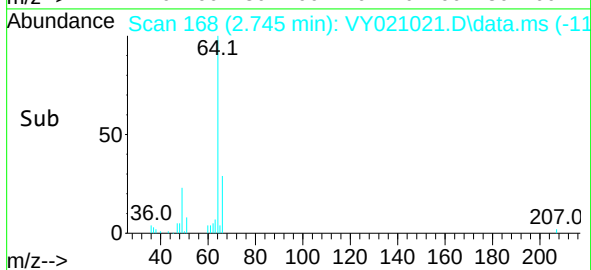
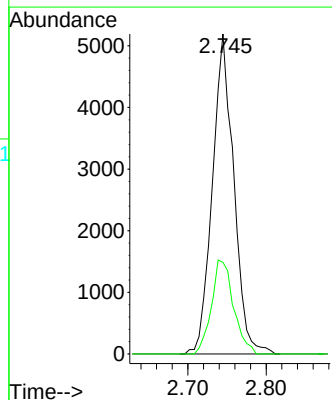
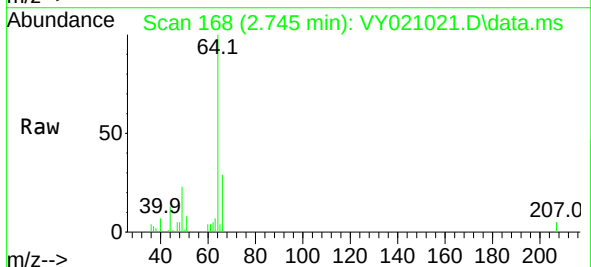
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

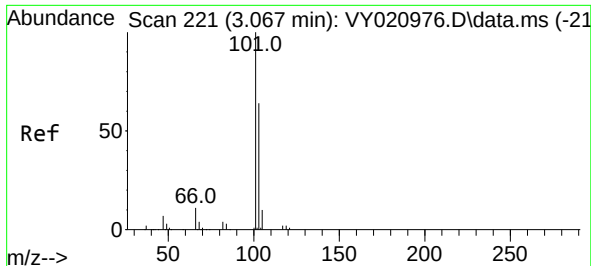
Tgt Ion: 94 Resp: 10042
Ion Ratio Lower Upper
94 100
96 97.7 77.4 116.0



#6
Chloroethane
Concen: 16.561 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 64 Resp: 9830
Ion Ratio Lower Upper
64 100
66 28.6 25.0 37.4

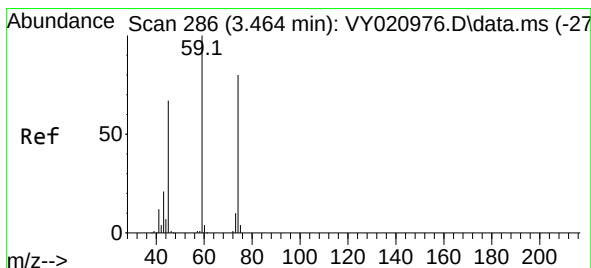
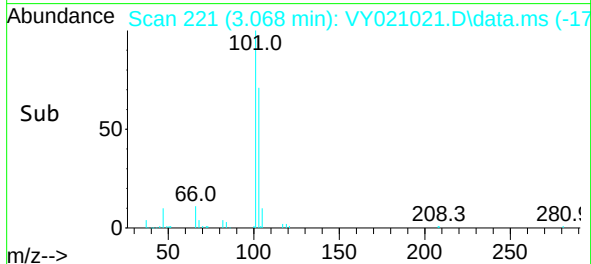
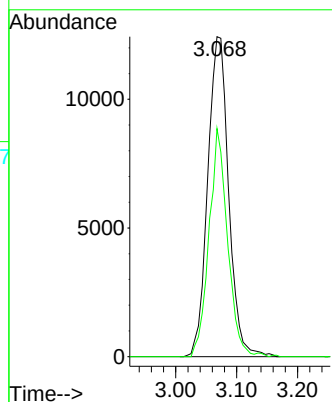
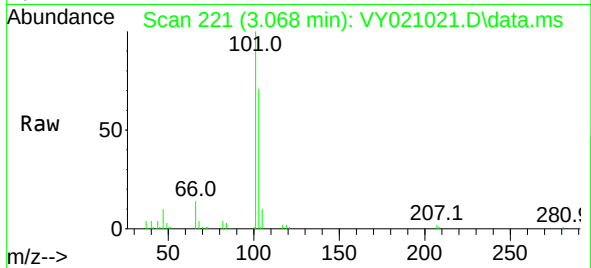




#7
Trichlorofluoromethane
Concen: 12.097 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

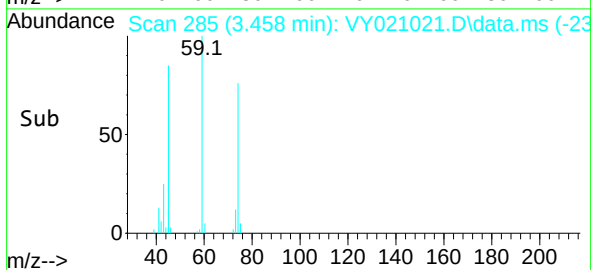
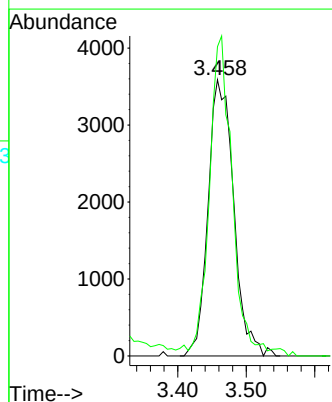
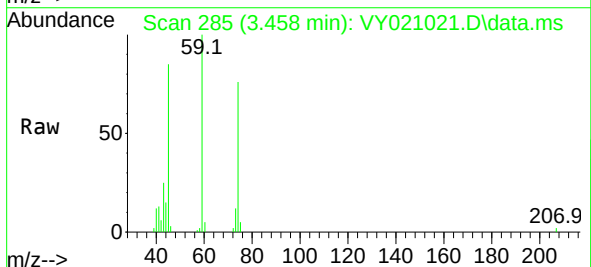
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

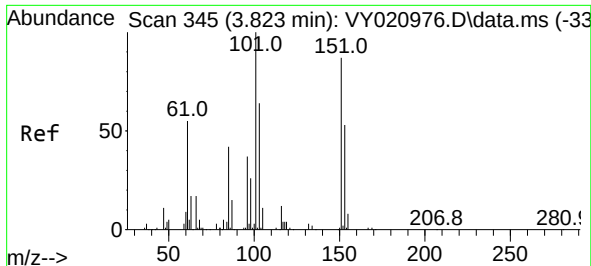
Tgt Ion:101 Resp: 29663
Ion Ratio Lower Upper
101 100
103 71.3 50.9 76.3



#8
Diethyl Ether
Concen: 12.745 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 74 Resp: 9330
Ion Ratio Lower Upper
74 100
45 97.0 43.4 130.2

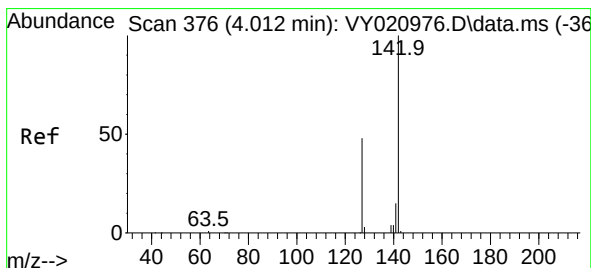
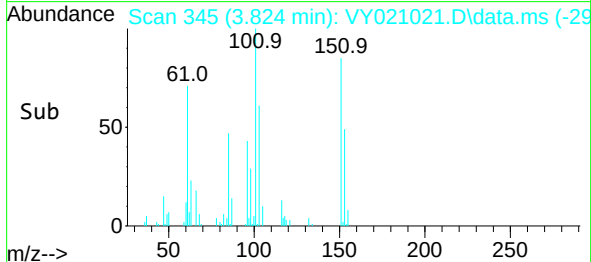
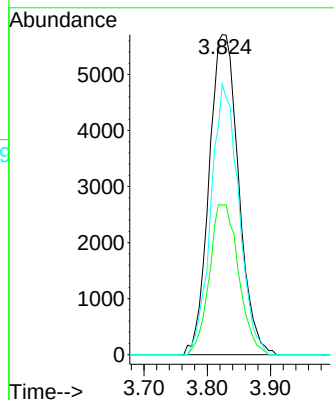
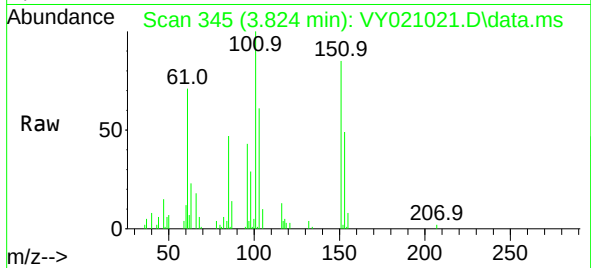




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.194 ug/l
RT: 3.824 min Scan# 345
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

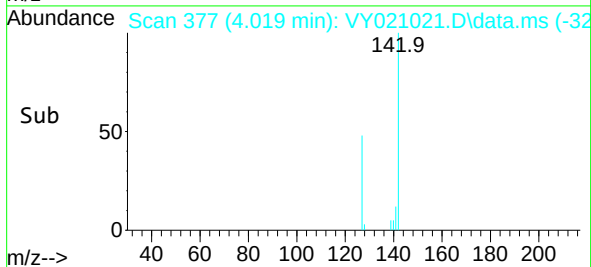
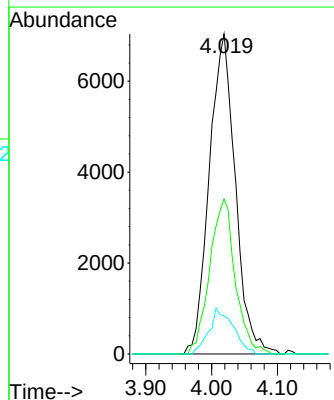
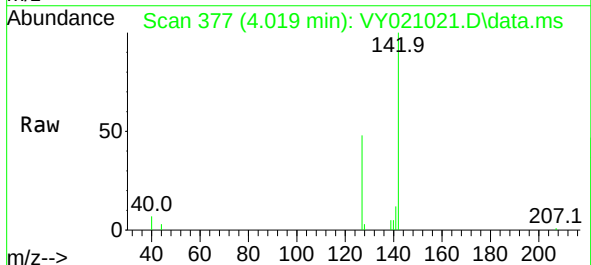
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

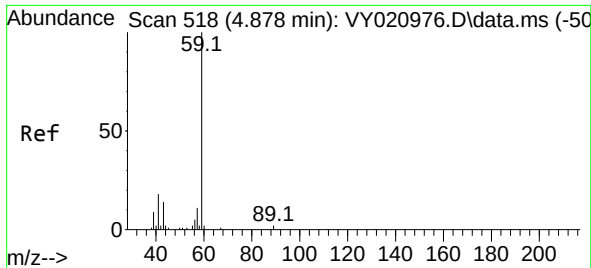
Tgt Ion:101 Resp: 18483
Ion Ratio Lower Upper
101 100
85 46.3 34.9 52.3
151 79.6 66.8 100.2



#10
Methyl Iodide
Concen: 10.258 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:142 Resp: 19381
Ion Ratio Lower Upper
142 100
127 47.5 38.9 58.3
141 13.3 11.7 17.5

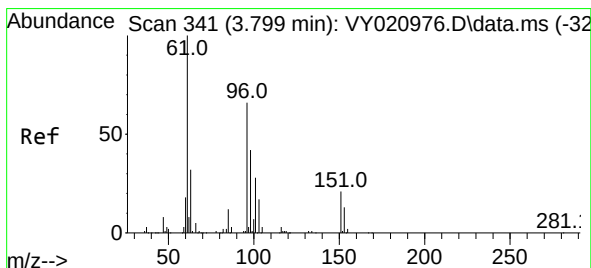
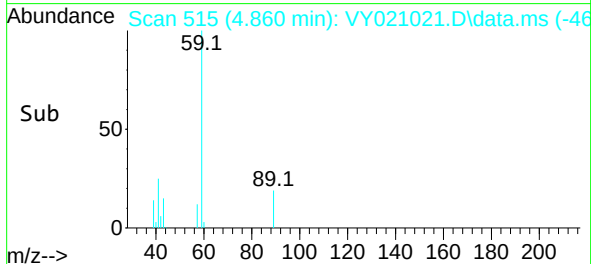
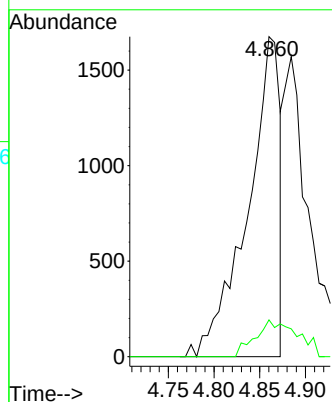
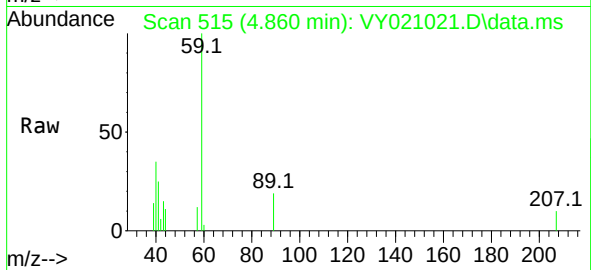




#11
Tert butyl alcohol
Concen: 36.180 ug/l
RT: 4.860 min Scan# 518
Delta R.T. -0.018 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

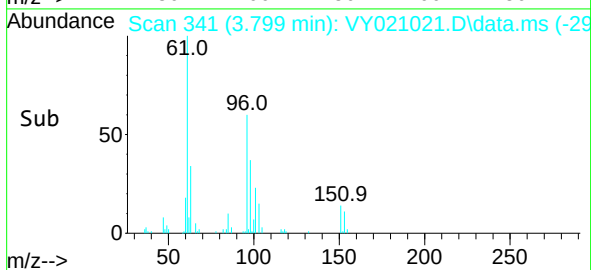
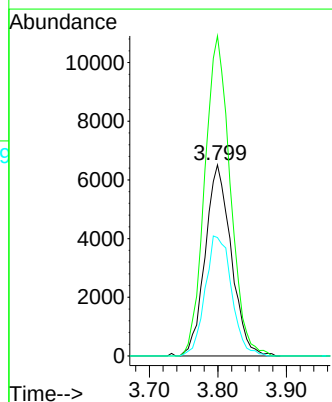
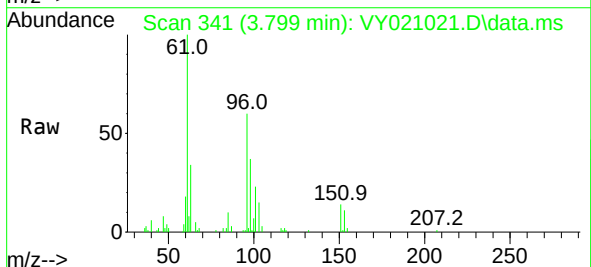
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

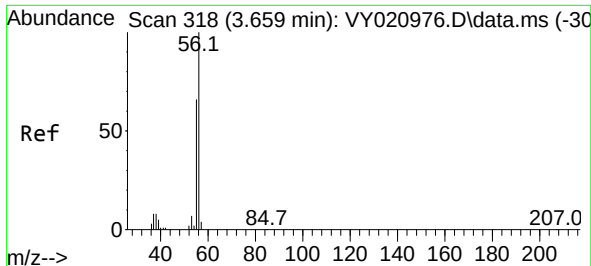
Tgt Ion: 59 Resp: 4102
Ion Ratio Lower Upper
59 100
57 14.9 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 11.131 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 96 Resp: 17176
Ion Ratio Lower Upper
96 100
61 167.5 120.8 181.2
98 62.0 50.6 76.0

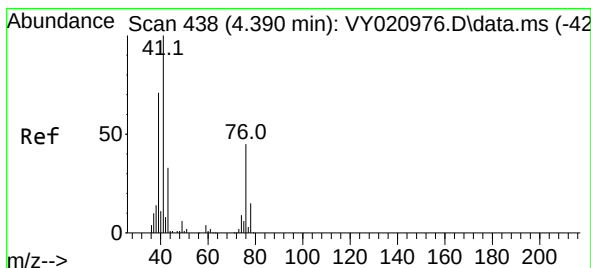
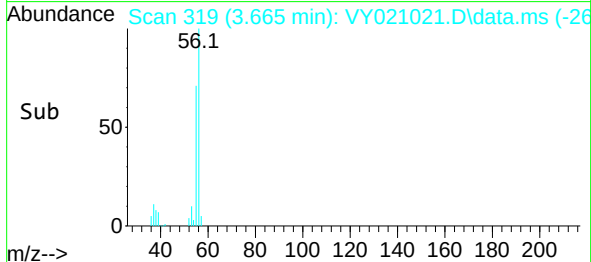
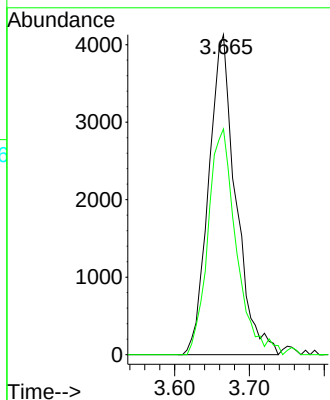
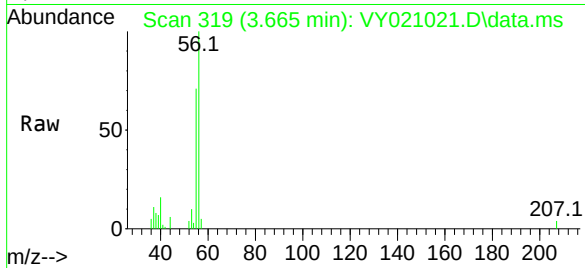




#13
Acrolein
Concen: 79.726 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

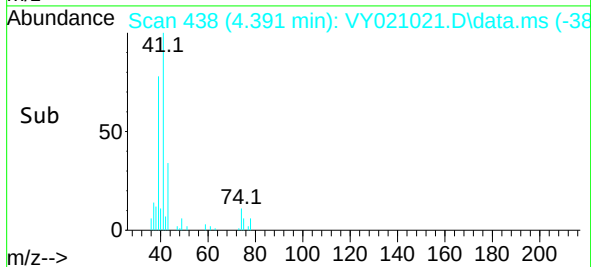
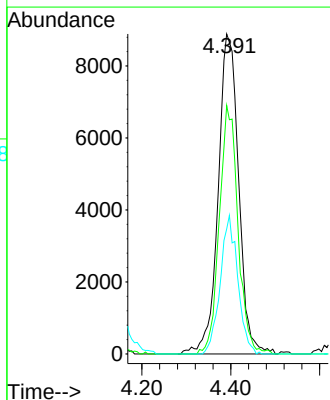
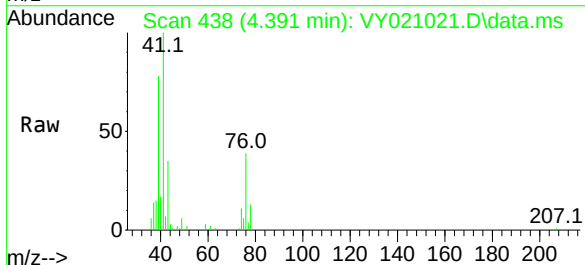
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

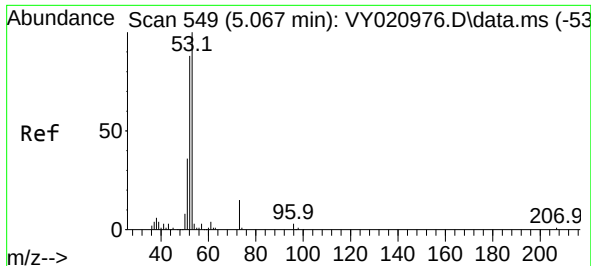
Tgt Ion: 56 Resp: 10409
Ion Ratio Lower Upper
56 100
55 73.3 56.1 84.1



#14
Allyl chloride
Concen: 13.358 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 41 Resp: 28376
Ion Ratio Lower Upper
41 100
39 70.7 53.5 80.3
76 37.1 34.6 52.0

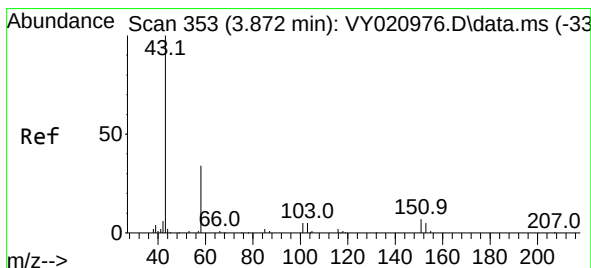
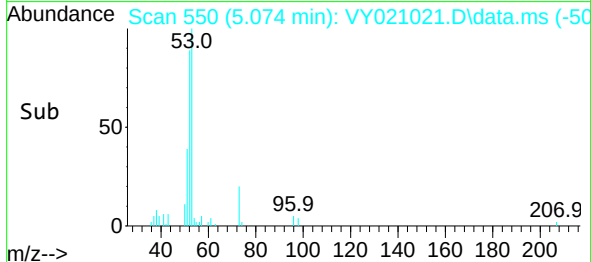
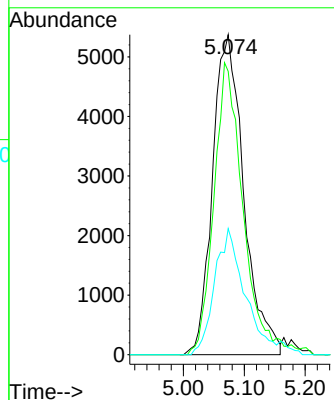
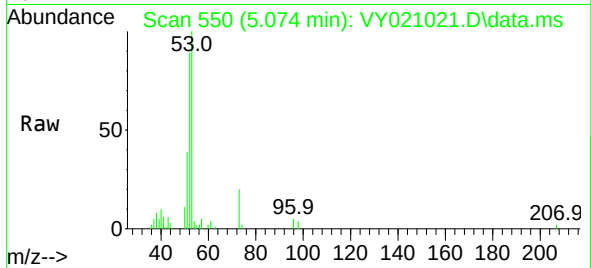




#15
Acrylonitrile
Concen: 63.446 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

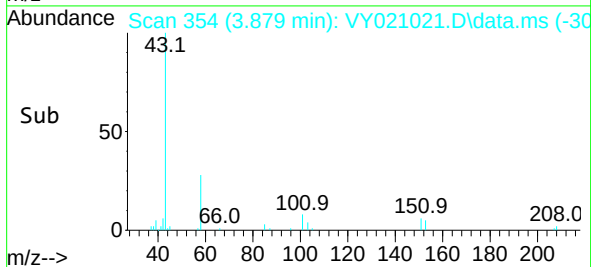
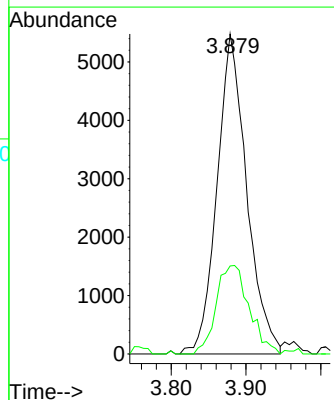
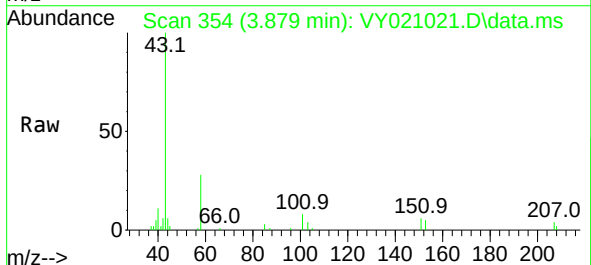
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

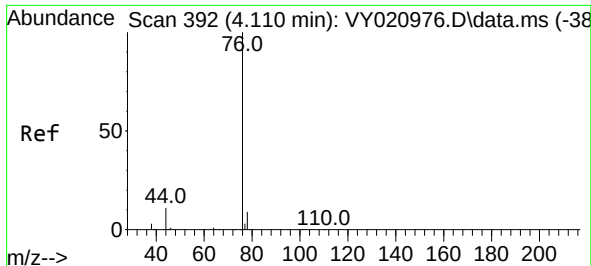
Tgt Ion: 53 Resp: 19104
Ion Ratio Lower Upper
53 100
52 86.0 66.2 99.4
51 38.0 29.4 44.0



#16
Acetone
Concen: 71.438 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 43 Resp: 15112
Ion Ratio Lower Upper
43 100
58 27.5 28.4 42.6#

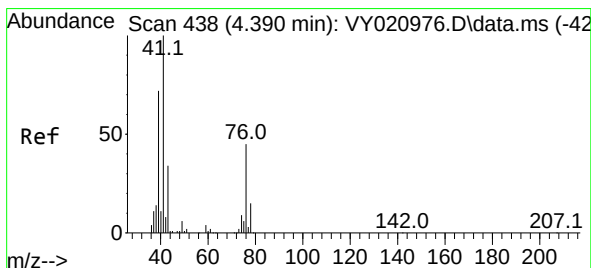
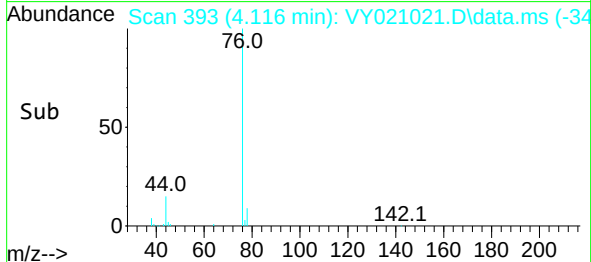
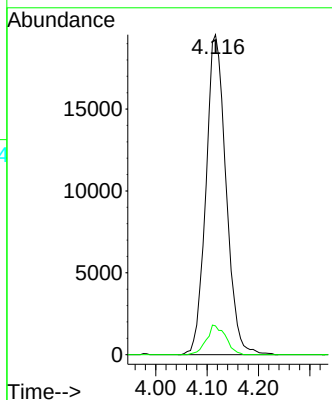
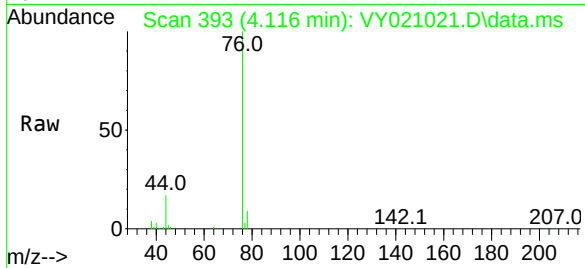




#17
Carbon Disulfide
Concen: 11.171 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

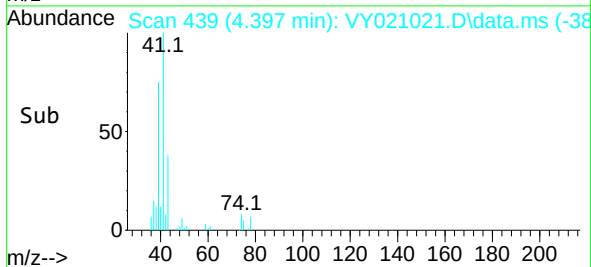
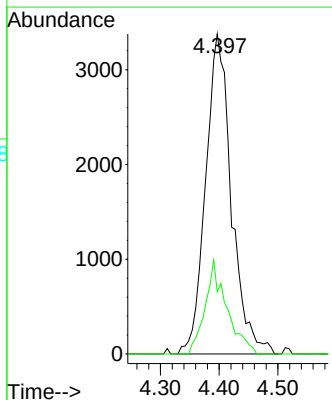
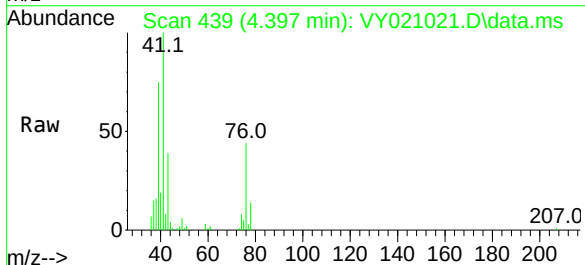
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

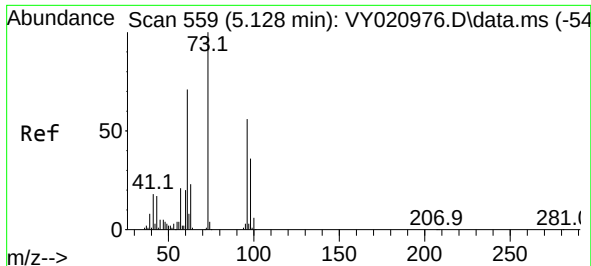
Tgt Ion: 76 Resp: 53088
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 13.911 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 43 Resp: 10297
Ion Ratio Lower Upper
43 100
74 24.6 22.2 33.4





#19

Methyl tert-butyl Ether

Concen: 12.033 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

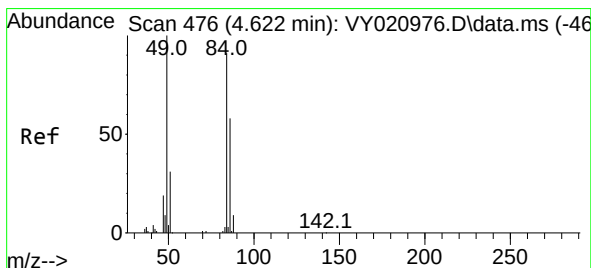
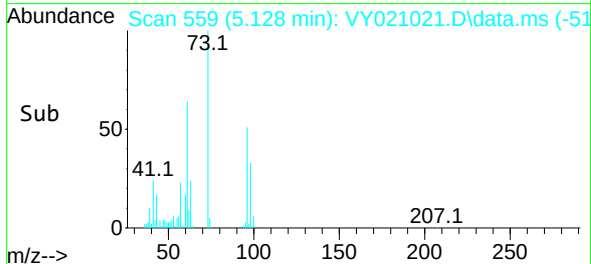
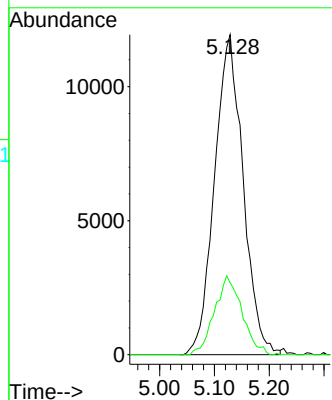
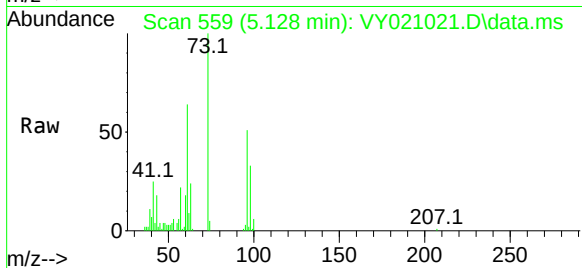
VSTDICC010

Tgt Ion: 73 Resp: 43216

Ion Ratio Lower Upper

73 100

57 22.5 16.6 25.0



#20

Methylene Chloride

Concen: 11.829 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Tgt Ion: 84 Resp: 18455

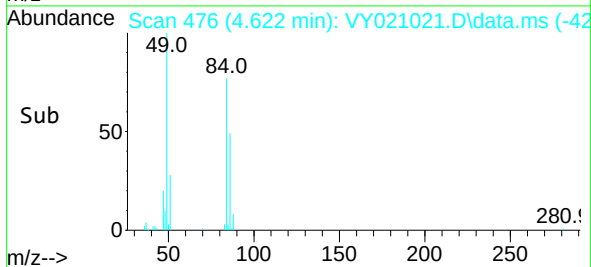
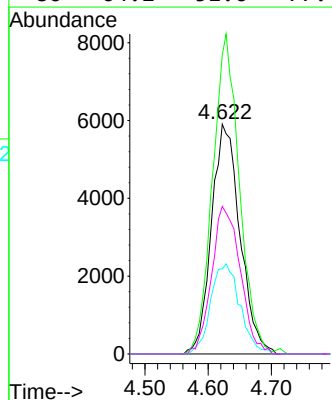
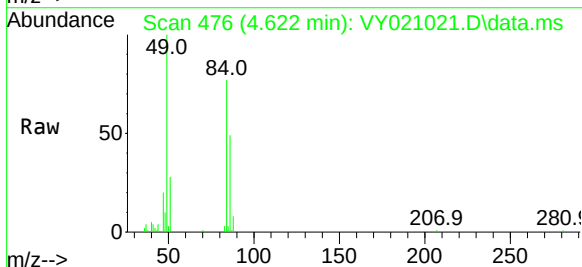
Ion Ratio Lower Upper

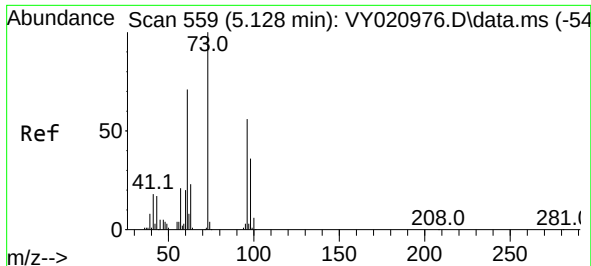
84 100

49 130.0 88.3 132.5

51 37.0 27.7 41.5

86 64.2 51.6 77.4

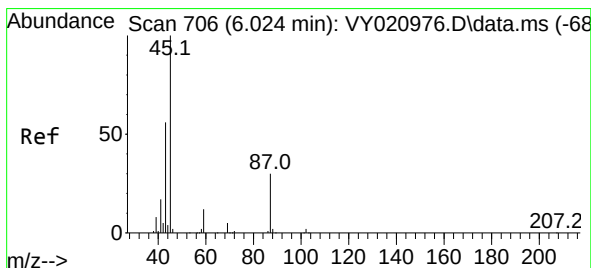
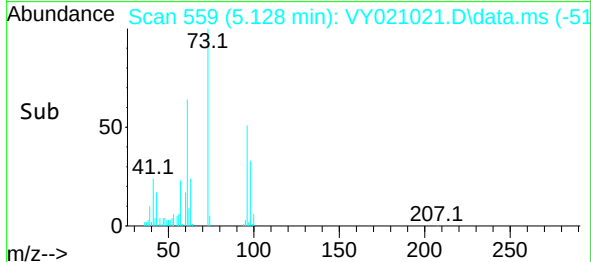
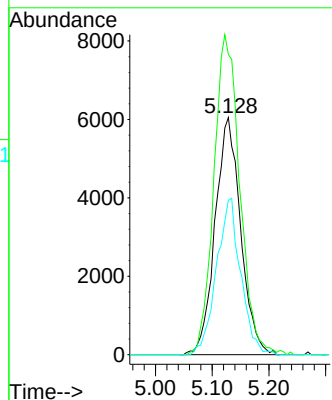
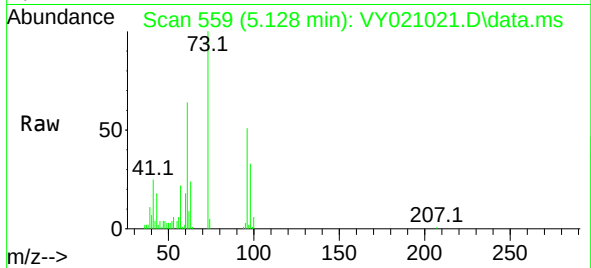




#21
trans-1,2-Dichloroethene
Concen: 11.426 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

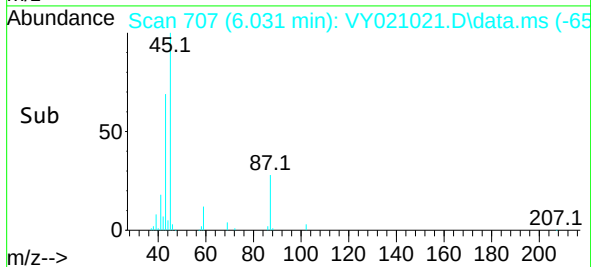
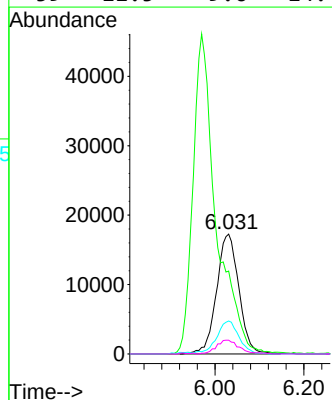
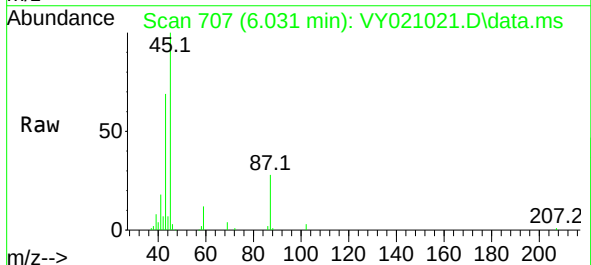
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

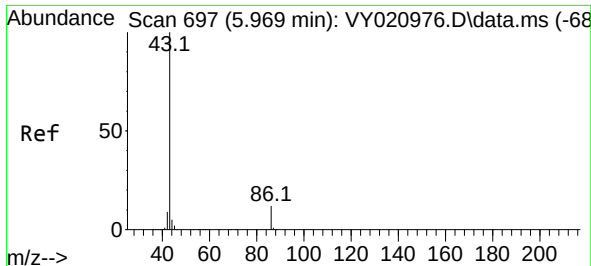
Tgt Ion: 96 Resp: 18903
Ion Ratio Lower Upper
96 100
61 126.5 101.5 152.3
98 65.1 52.0 78.0



#22
Diisopropyl ether
Concen: 13.831 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 45 Resp: 59888
Ion Ratio Lower Upper
45 100
43 67.8 45.1 67.7#
87 27.5 25.0 37.4
59 11.5 9.6 14.4

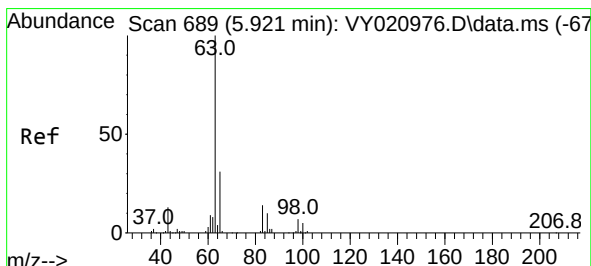
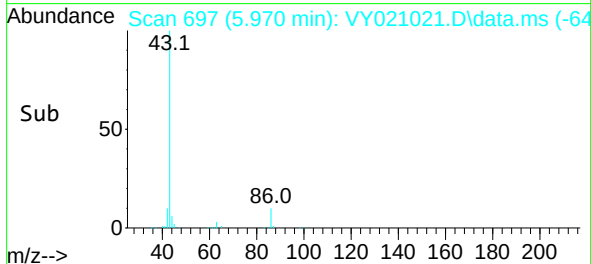
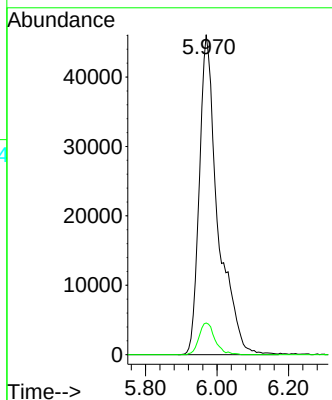
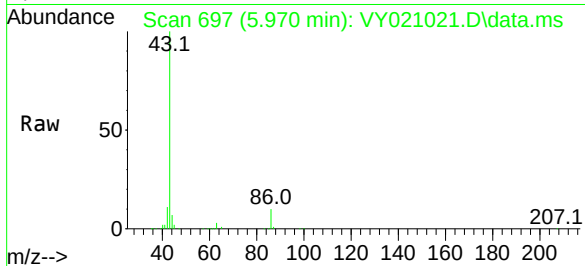




#23
 Vinyl Acetate
 Concen: 69.409 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY021021.D
 Acq: 03 Feb 2025 10:57

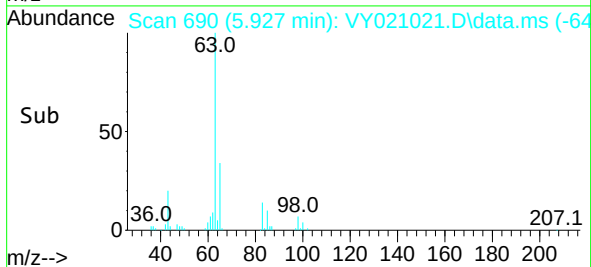
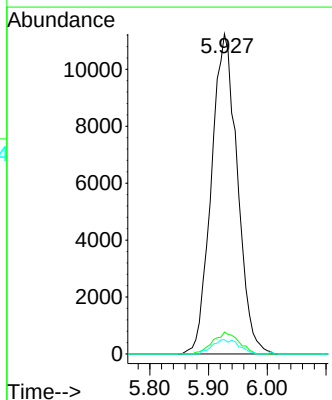
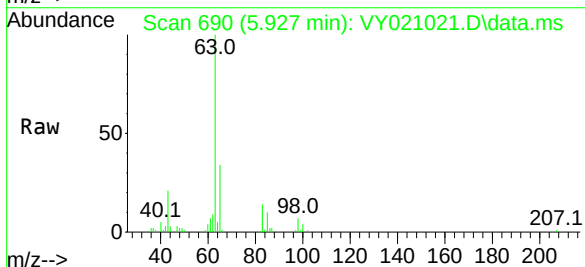
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

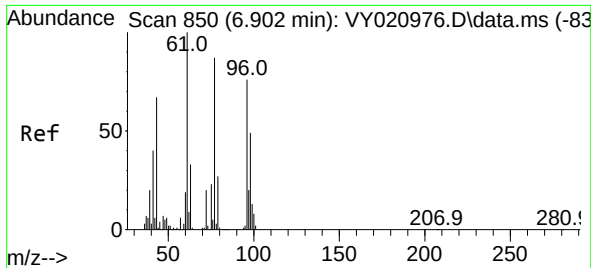
Tgt Ion: 43 Resp: 166437
 Ion Ratio Lower Upper
 43 100
 86 9.9 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 12.375 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021021.D
 Acq: 03 Feb 2025 10:57

Tgt Ion: 63 Resp: 34569
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 4.4 2.4 7.2

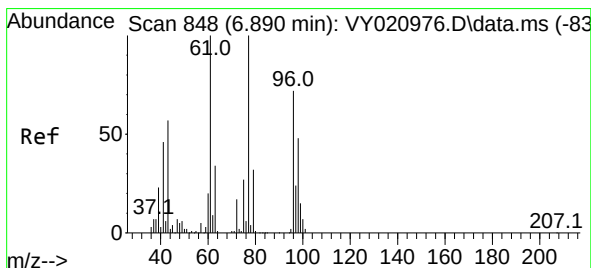
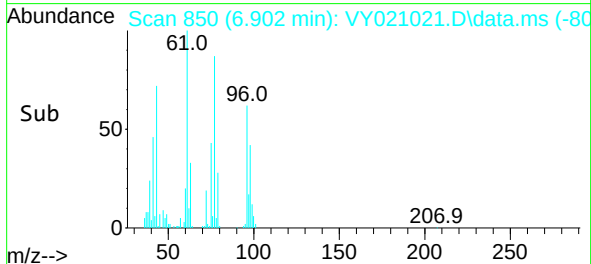
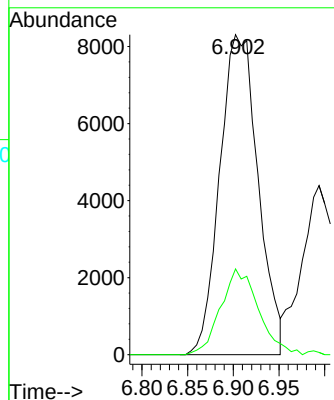
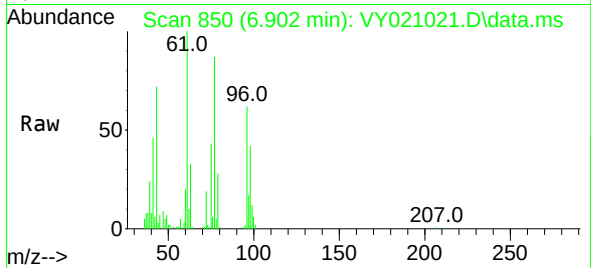




#25
2-Butanone
Concen: 67.624 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

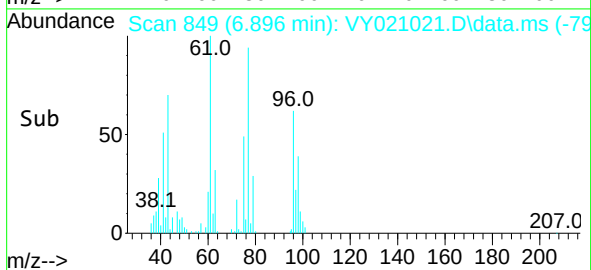
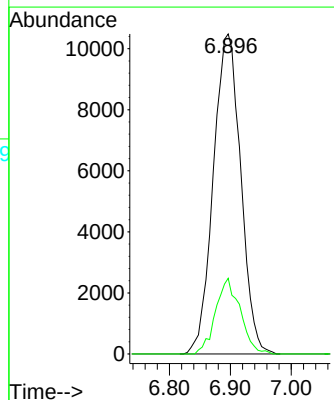
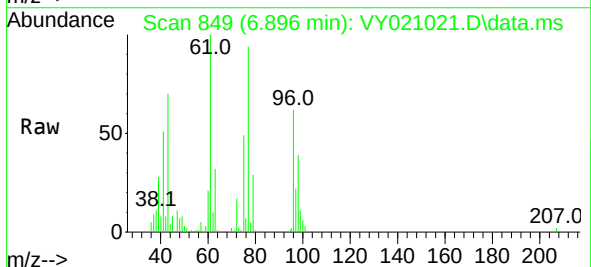
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

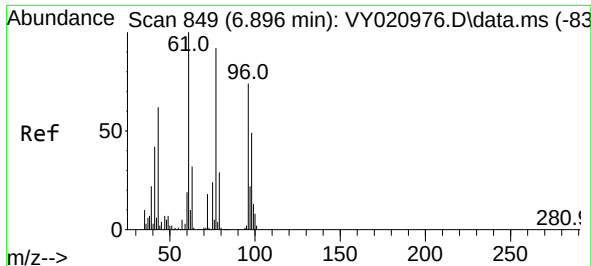
Tgt Ion: 43 Resp: 24268
Ion Ratio Lower Upper
43 100
72 26.8 24.3 36.5



#26
2,2-Dichloropropane
Concen: 11.915 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 77 Resp: 32771
Ion Ratio Lower Upper
77 100
97 21.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 11.206 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

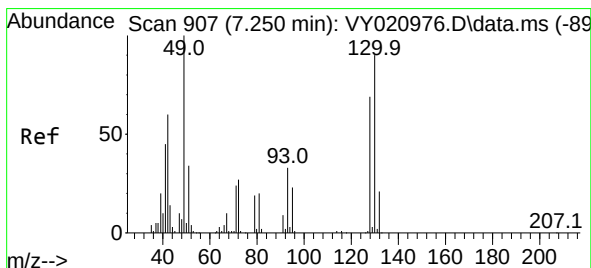
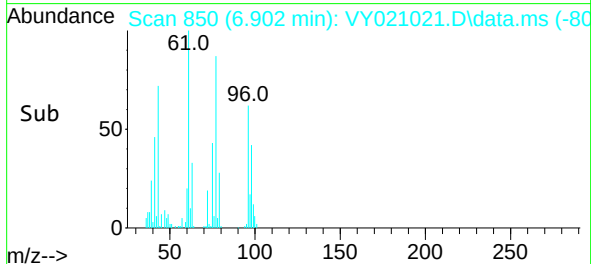
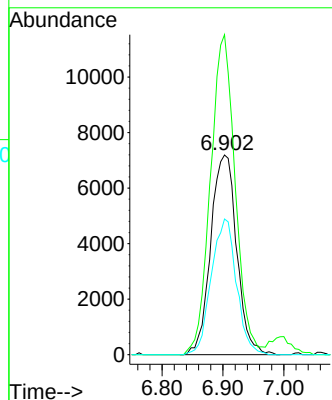
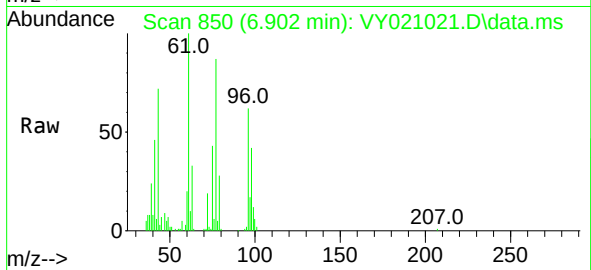
Tgt Ion: 96 Resp: 21309

Ion Ratio Lower Upper

96 100

61 152.6 0.0 274.0

98 65.8 0.0 130.4



#28

Bromochloromethane

Concen: 12.892 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

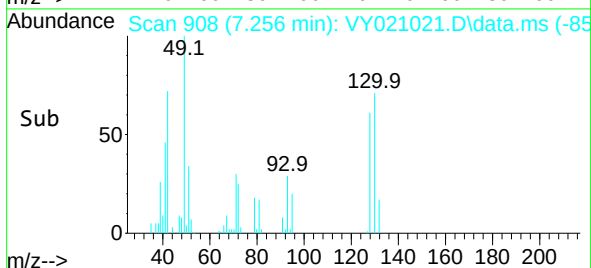
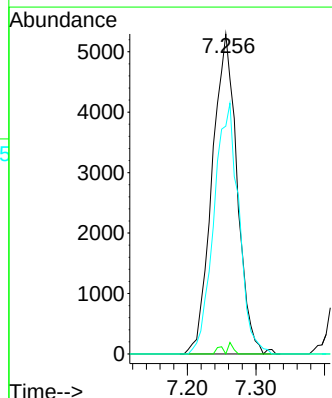
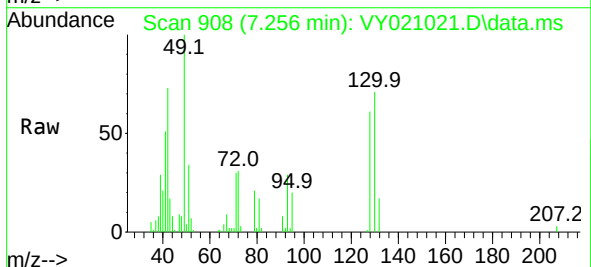
Tgt Ion: 49 Resp: 13417

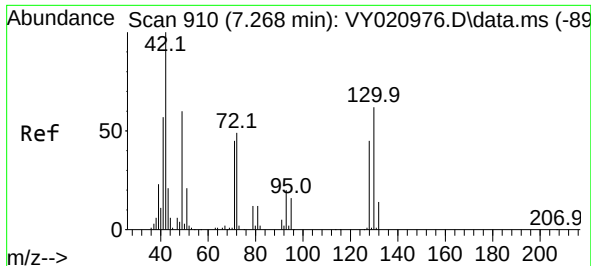
Ion Ratio Lower Upper

49 100

129 0.7 0.0 5.0

130 78.2 73.2 109.8





#29

Tetrahydrofuran

Concen: 69.395 ug/l

RT: 7.274 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

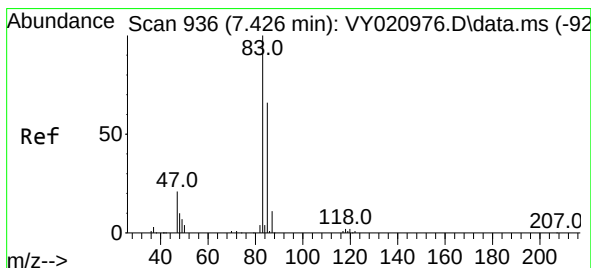
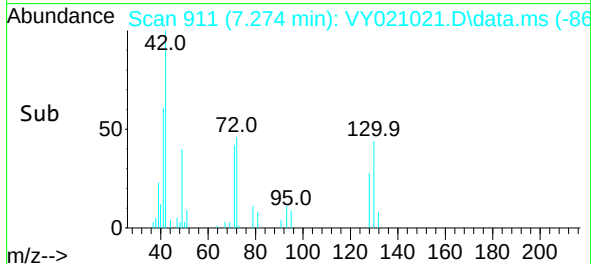
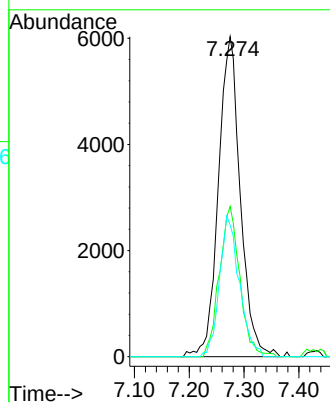
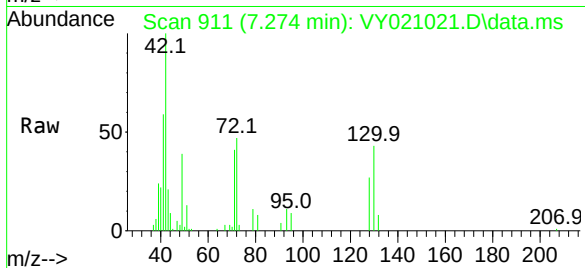
Tgt Ion: 42 Resp: 16758

Ion Ratio Lower Upper

42 100

72 43.8 39.3 58.9

71 39.8 36.1 54.1



#30

Chloroform

Concen: 12.247 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY021021.D

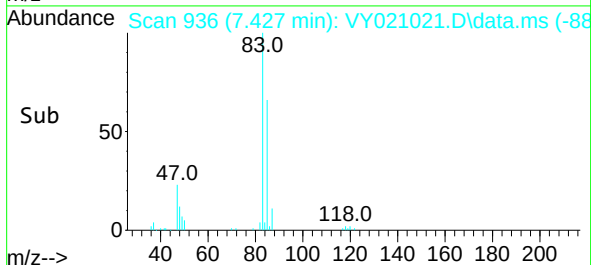
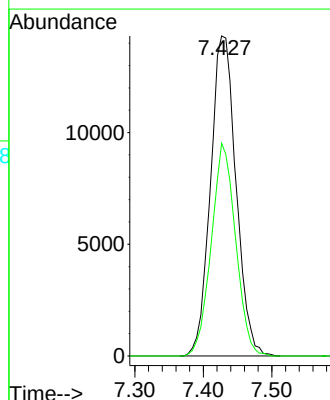
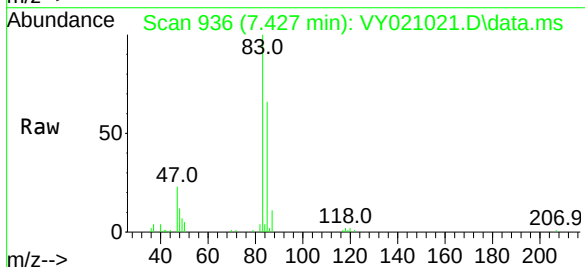
Acq: 03 Feb 2025 10:57

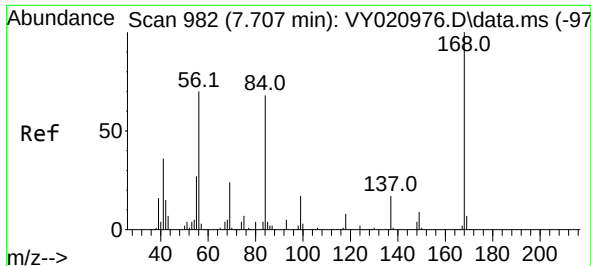
Tgt Ion: 83 Resp: 37054

Ion Ratio Lower Upper

83 100

85 66.4 52.9 79.3

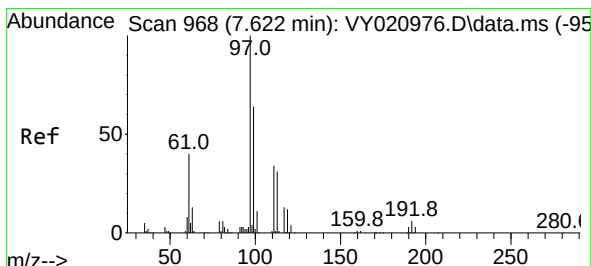
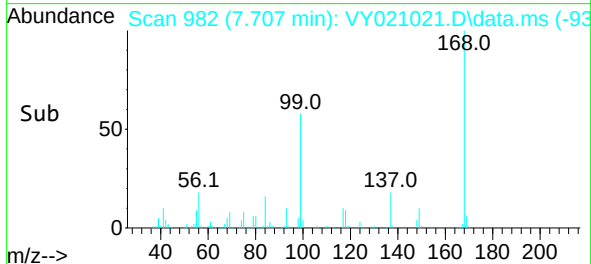
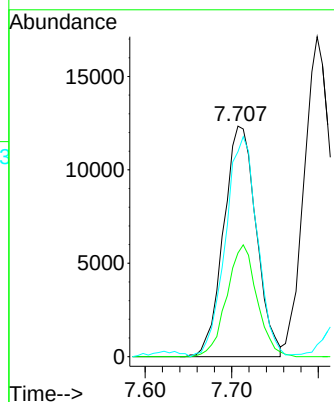
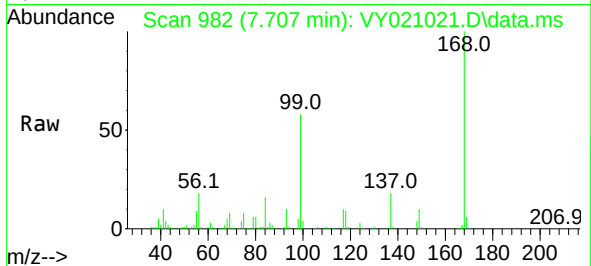




#31
Cyclohexane
Concen: 11.819 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

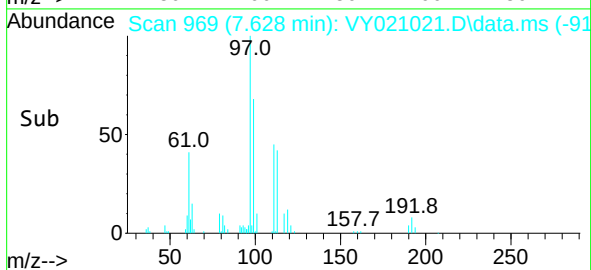
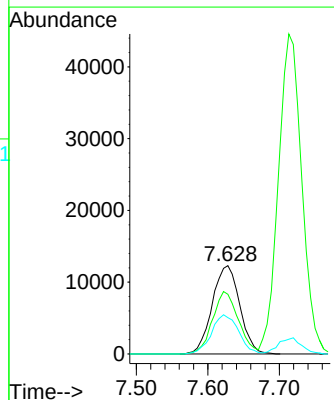
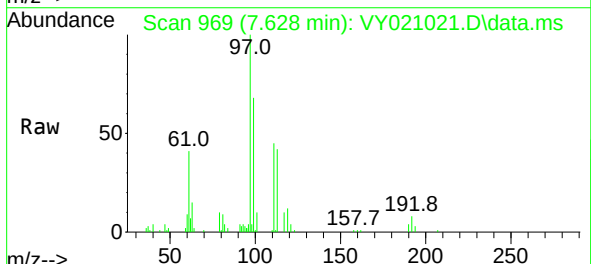
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

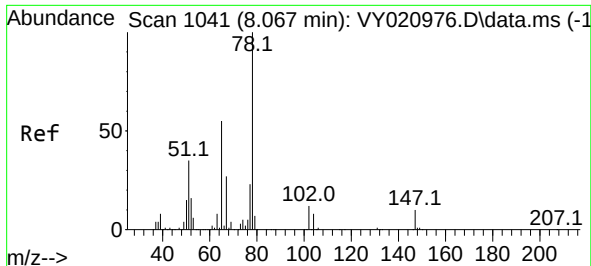
Tgt Ion: 56 Resp: 32272
Ion Ratio Lower Upper
56 100
69 44.9 27.7 41.5#
84 87.6 77.5 116.3



#32
1,1,1-Trichloroethane
Concen: 11.223 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 97 Resp: 32862
Ion Ratio Lower Upper
97 100
99 66.6 51.4 77.0
61 43.8 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 13.075 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

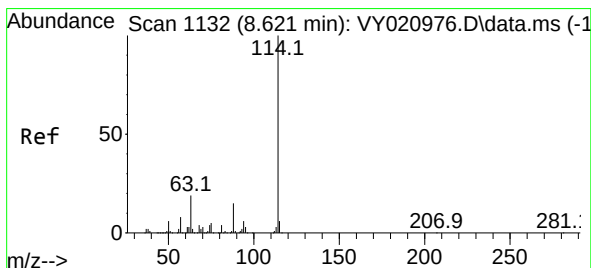
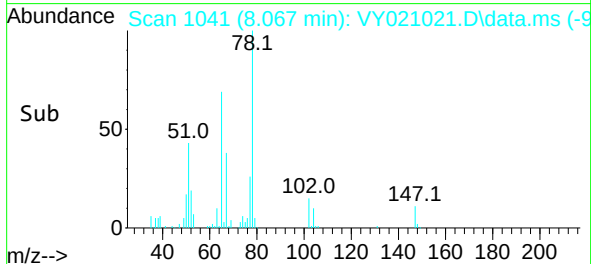
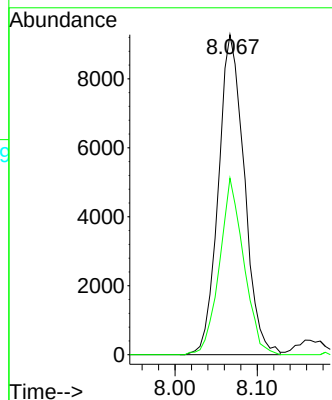
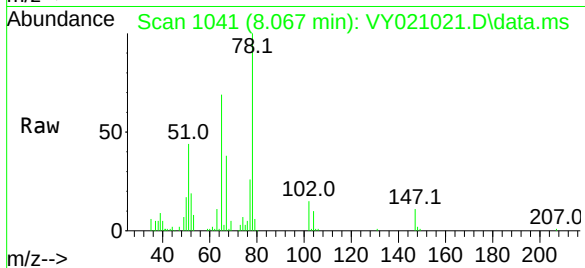
VSTDIC010

Tgt Ion: 65 Resp: 20294

Ion Ratio Lower Upper

65 100

67 51.8 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: VY021021.D

Acq: 03 Feb 2025 10:57

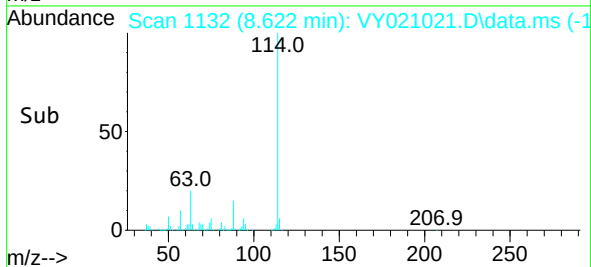
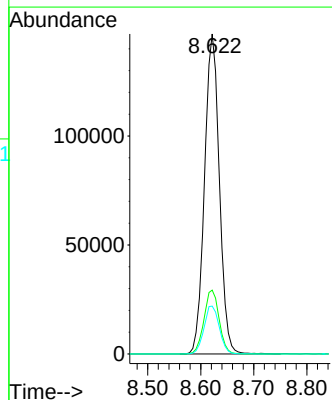
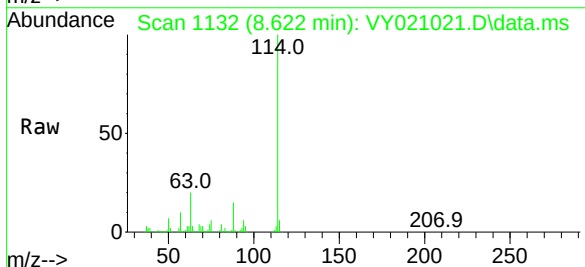
Tgt Ion: 114 Resp: 285332

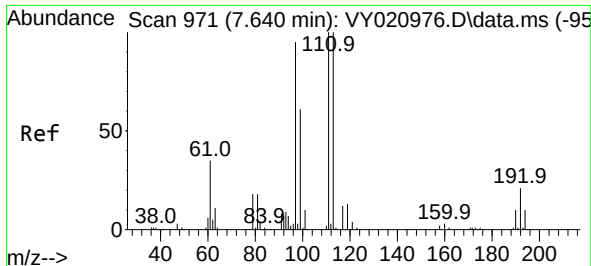
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.2

88 15.0 0.0 29.6

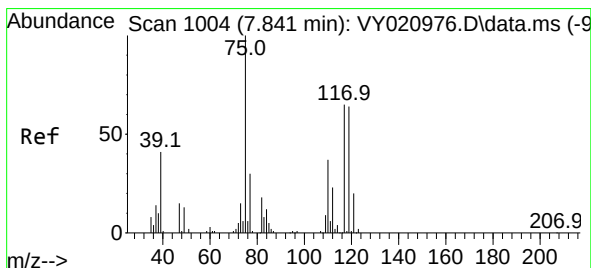
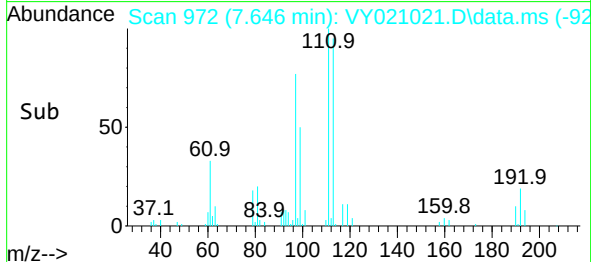
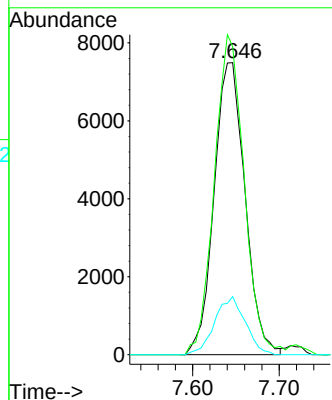
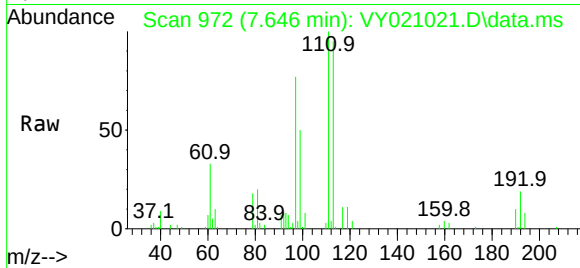




#35
Dibromofluoromethane
Concen: 10.859 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

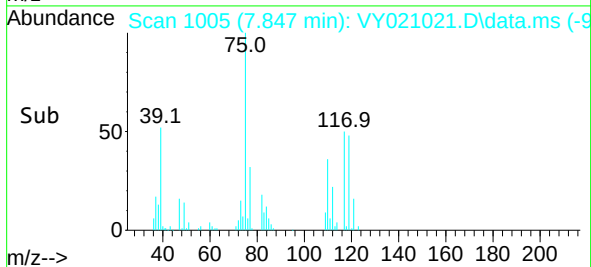
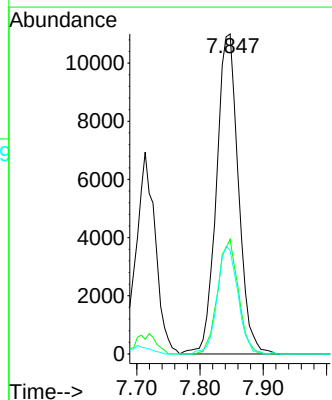
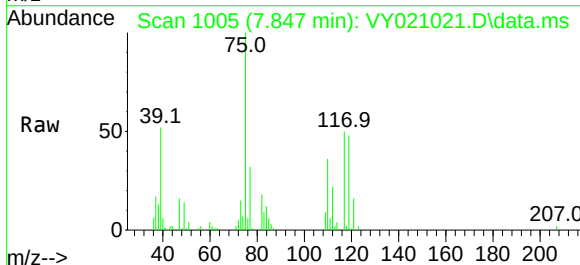
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

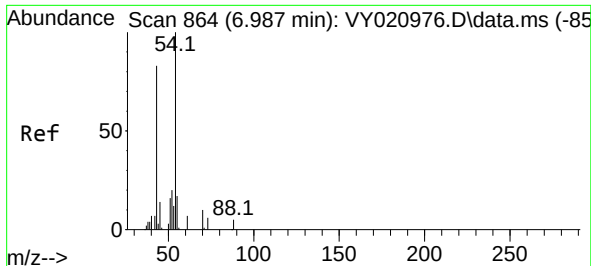
Tgt Ion:113 Resp: 18627
Ion Ratio Lower Upper
113 100
111 105.3 82.6 123.8
192 19.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 10.820 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 75 Resp: 26479
Ion Ratio Lower Upper
75 100
110 33.6 18.4 55.2
77 31.8 24.9 37.3





#37

Ethyl Acetate

Concen: 13.017 ug/l

RT: 6.994 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

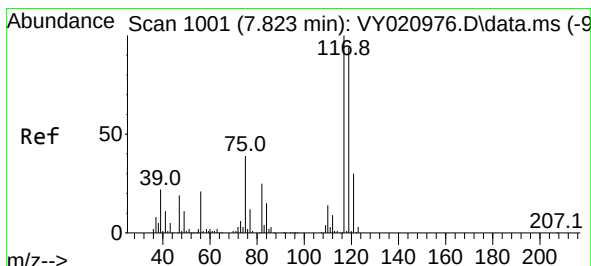
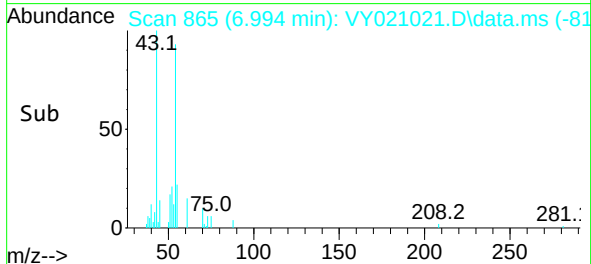
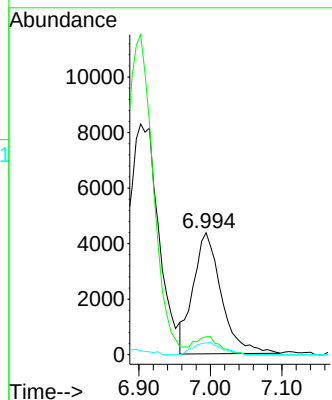
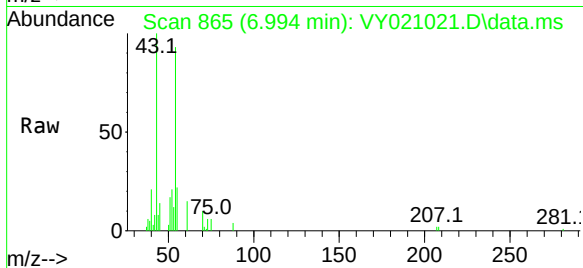
MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 11876

Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.4	17.0
70	10.3	9.6	14.4



#38

Carbon Tetrachloride

Concen: 10.389 ug/l

RT: 7.823 min Scan# 1001

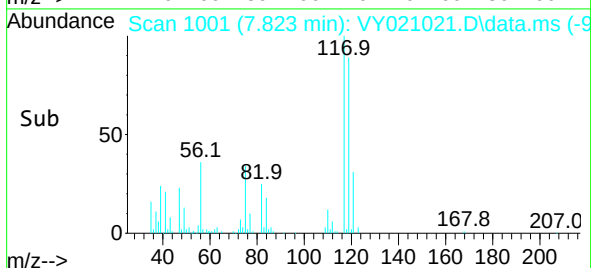
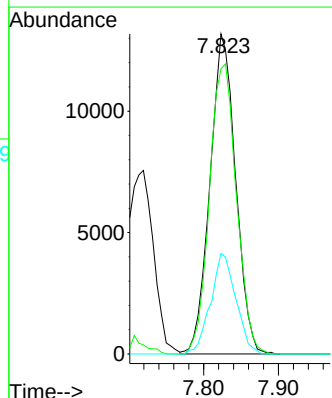
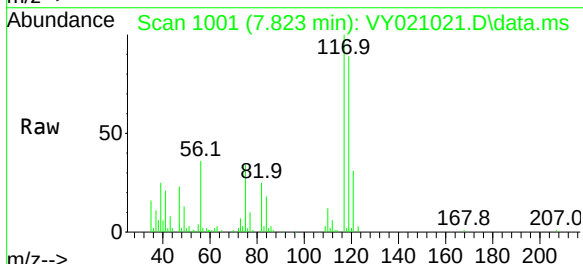
Delta R.T. 0.000 min

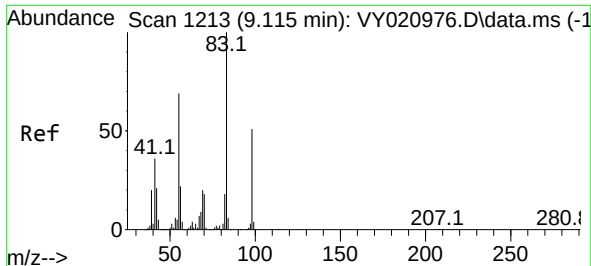
Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Tgt Ion: 117 Resp: 31462

Ion	Ratio	Lower	Upper
117	100		
119	89.1	75.0	112.6
121	31.4	24.2	36.2





#39

Methylcyclohexane

Concen: 9.549 ug/l

RT: 9.115 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

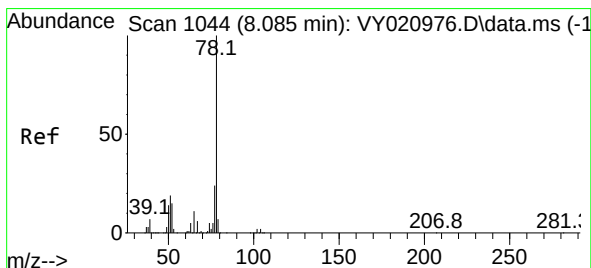
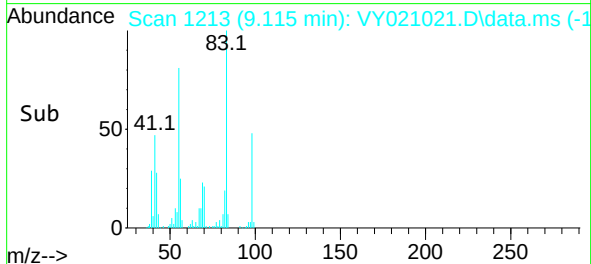
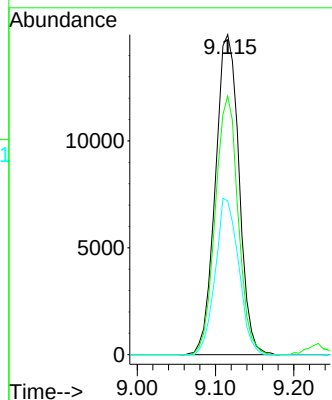
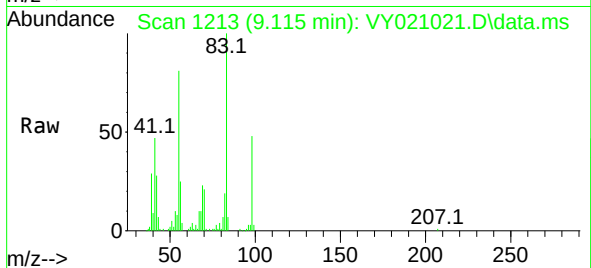
Tgt Ion: 83 Resp: 31392

Ion Ratio Lower Upper

83 100

55 80.9 54.9 82.3

98 48.1 40.5 60.7



#40

Benzene

Concen: 10.950 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY021021.D

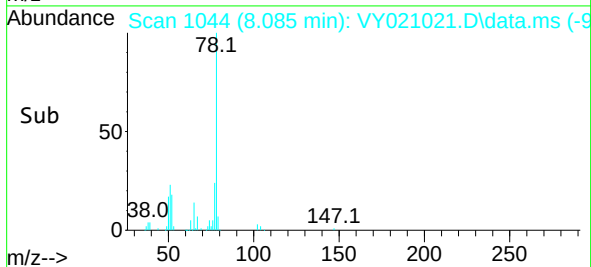
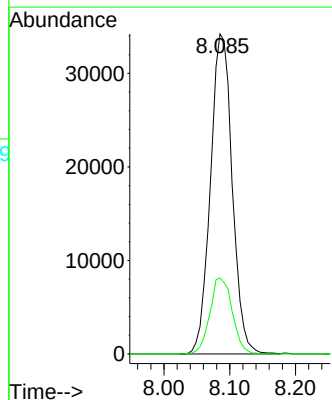
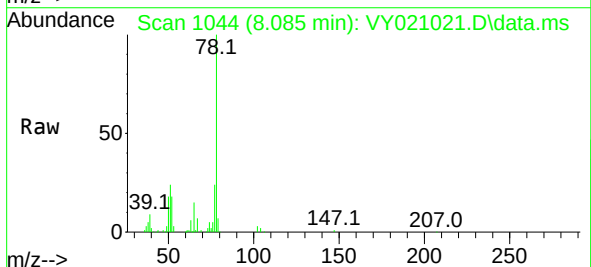
Acq: 03 Feb 2025 10:57

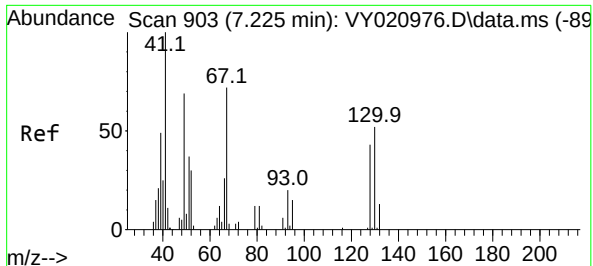
Tgt Ion: 78 Resp: 78846

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.2

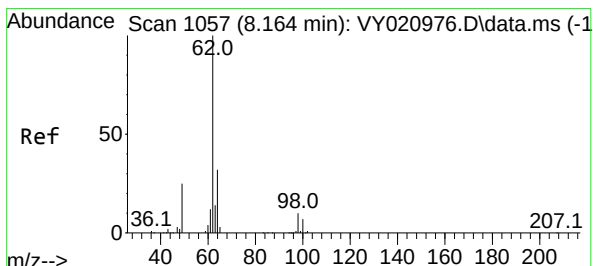
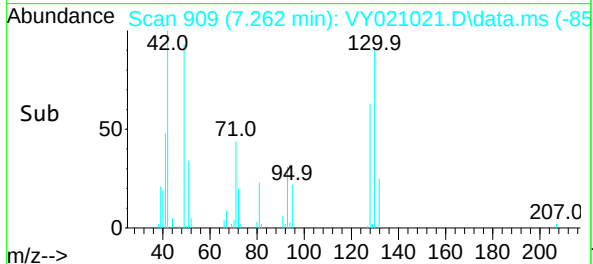
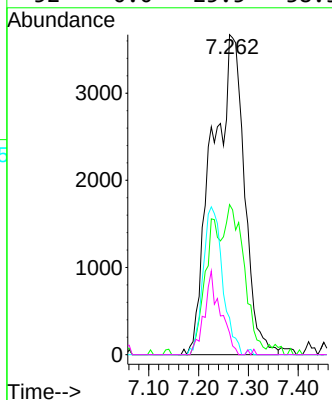
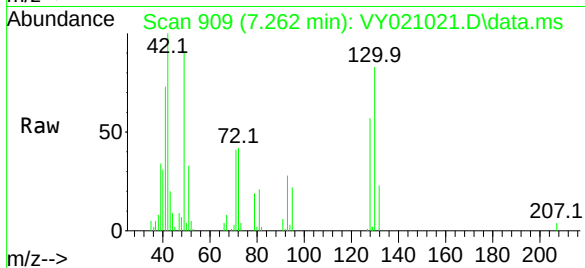




#41
Methacrylonitrile
Concen: 32.608 ug/l
RT: 7.262 min Scan# 903
Delta R.T. 0.037 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

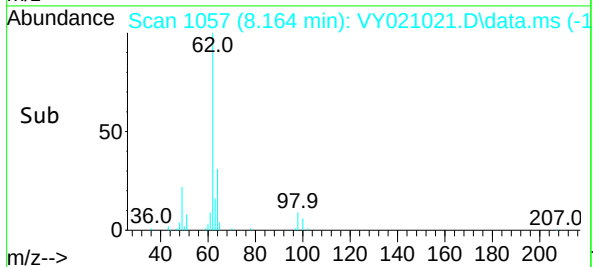
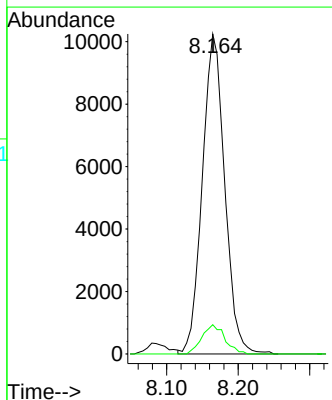
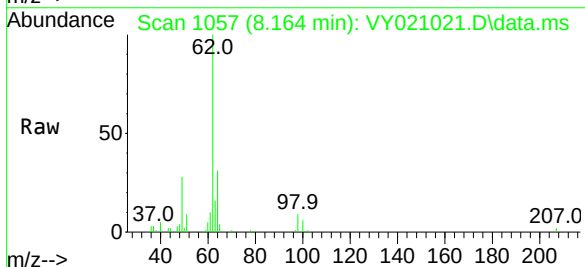
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

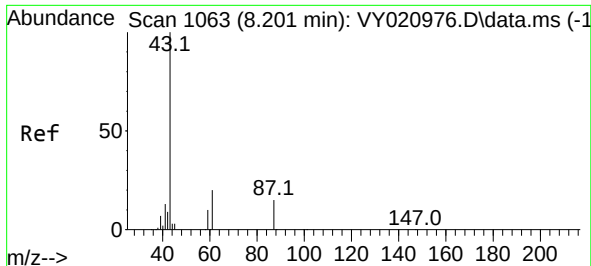
Tgt Ion:	41	Resp:	16460
Ion	Ratio	Lower	Upper
41	100		
39	25.2	41.6	62.4#
67	0.0	63.8	95.6#
52	0.0	25.5	38.3#



#42
1,2-Dichloroethane
Concen: 12.201 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:	62	Resp:	22281
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.4

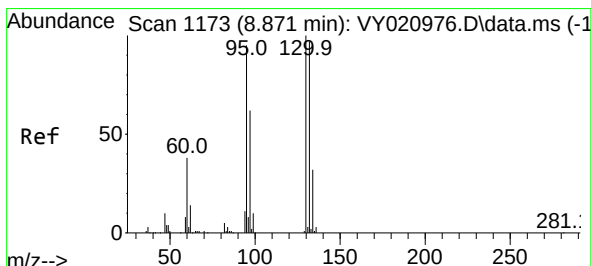
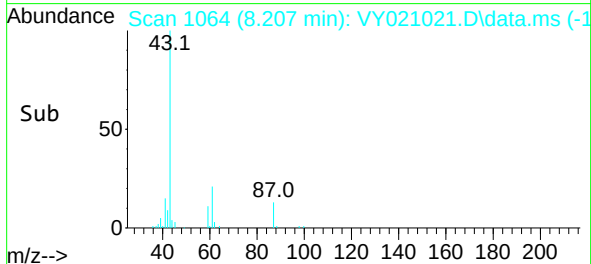
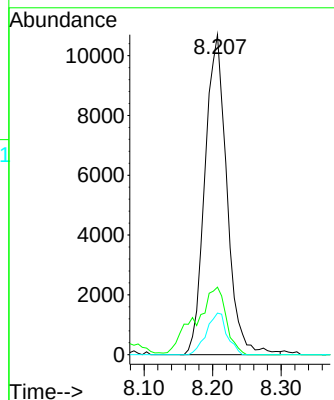
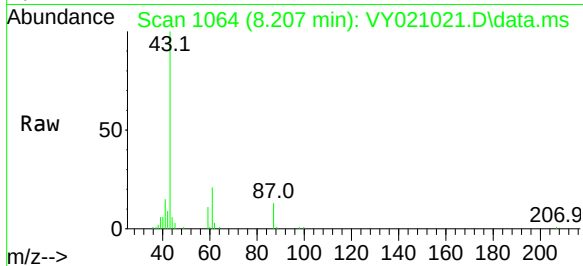




#43
Isopropyl Acetate
Concen: 13.055 ug/l
RT: 8.207 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

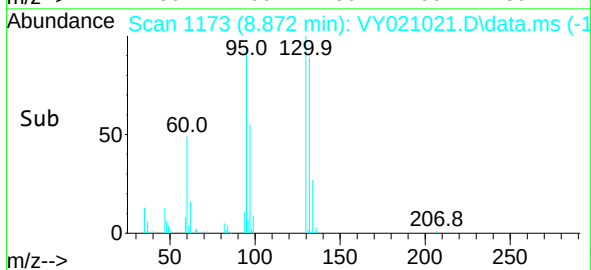
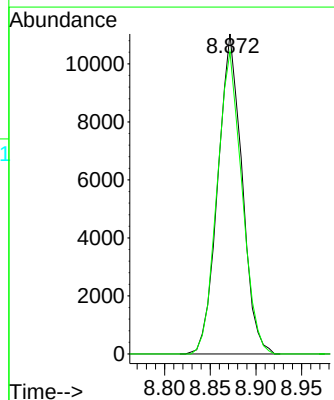
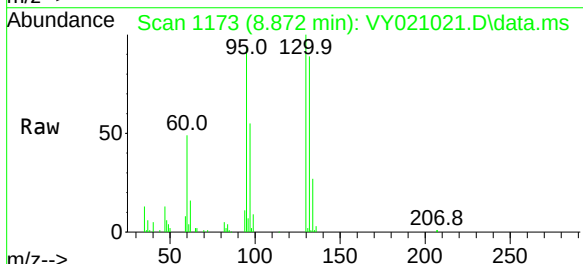
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

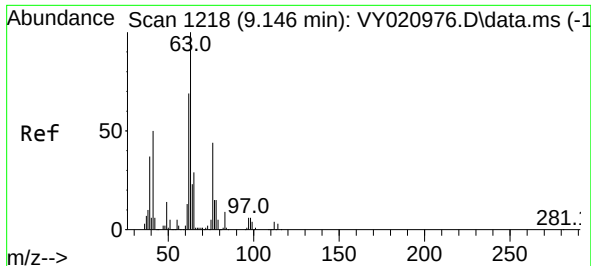
Tgt Ion: 43 Resp: 23795
Ion Ratio Lower Upper
43 100
61 29.8 15.8 23.6#
87 12.1 12.5 18.7#



#44
Trichloroethene
Concen: 10.197 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 130 Resp: 20261
Ion Ratio Lower Upper
130 100
95 94.4 0.0 189.6





#45

1,2-Dichloropropane

Concen: 11.627 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

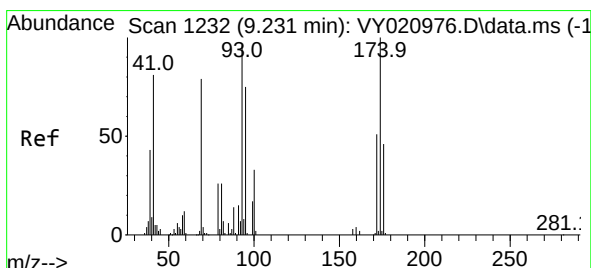
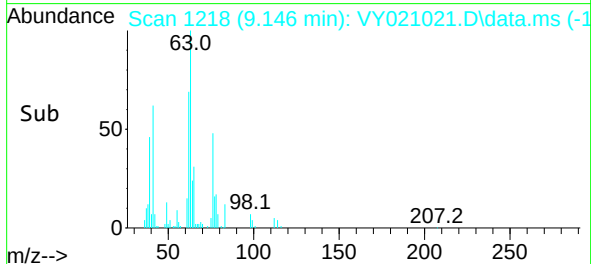
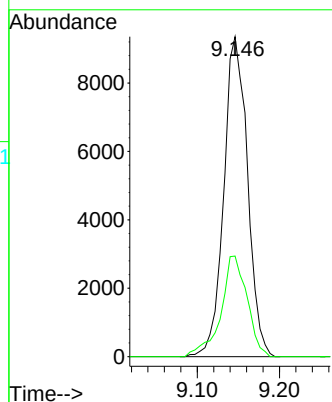
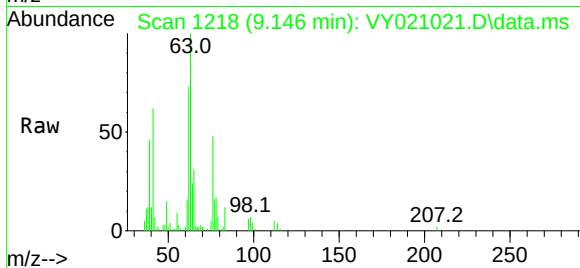
VSTDIC010

Tgt Ion: 63 Resp: 18765

Ion Ratio Lower Upper

63 100

65 31.5 23.6 35.4



#46

Dibromomethane

Concen: 11.191 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

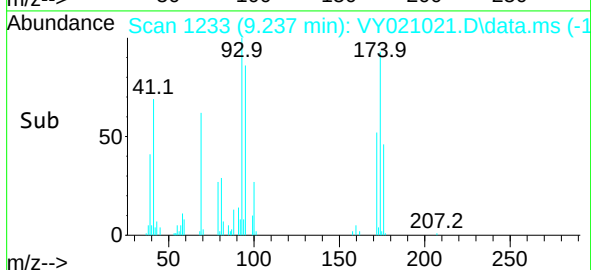
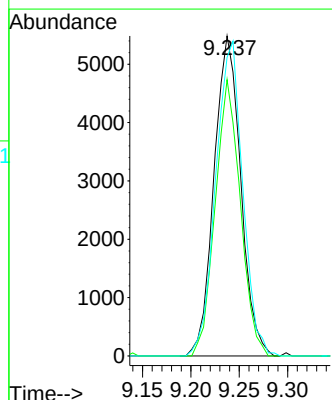
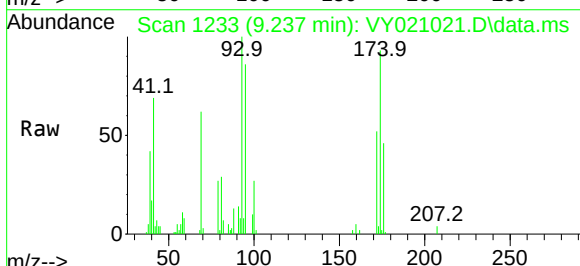
Tgt Ion: 93 Resp: 10511

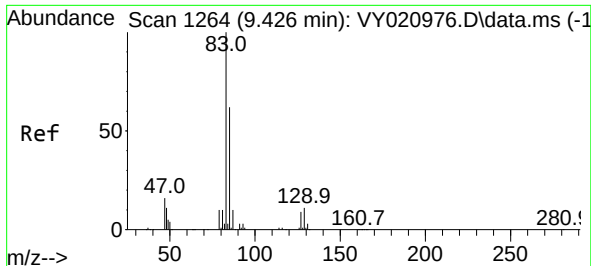
Ion Ratio Lower Upper

93 100

95 81.3 65.8 98.8

174 99.5 88.1 132.1

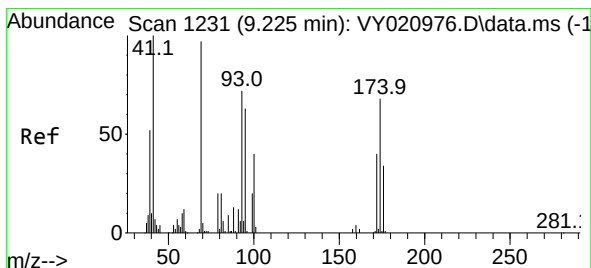
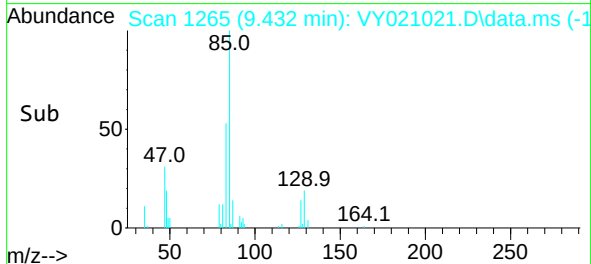
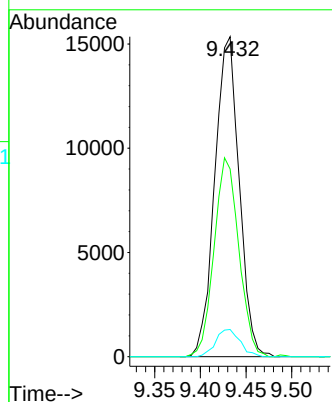
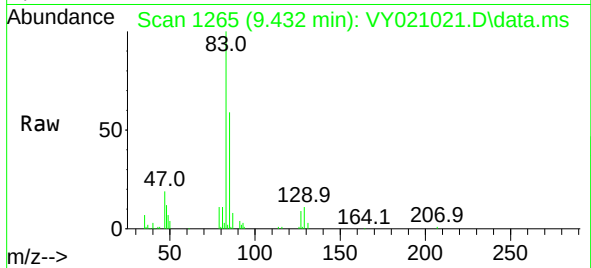




#47
Bromodichloromethane
Concen: 11.570 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

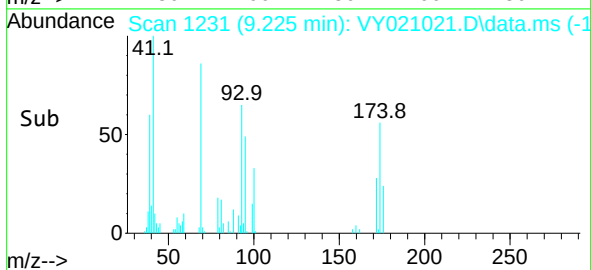
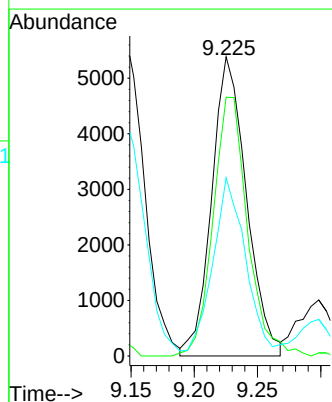
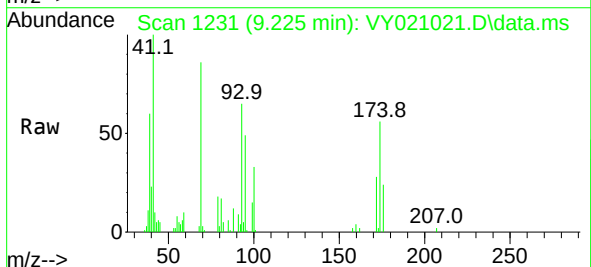
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

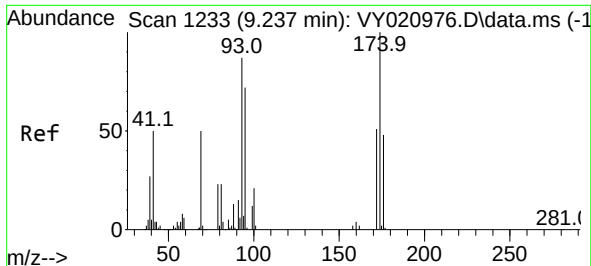
Tgt Ion: 83 Resp: 28538
Ion Ratio Lower Upper
83 100
85 58.7 49.6 74.4
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 11.866 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 41 Resp: 10297
Ion Ratio Lower Upper
41 100
69 85.7 75.6 113.4
39 54.0 41.3 61.9

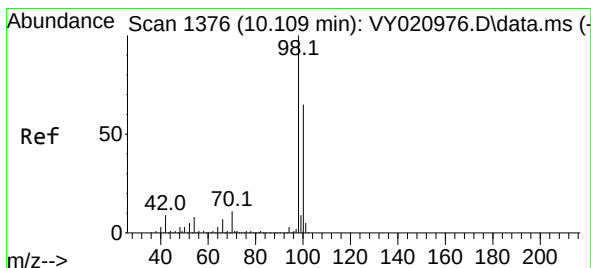
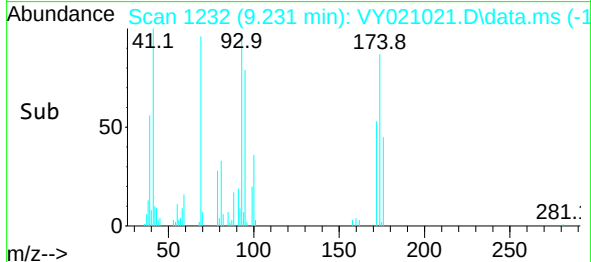
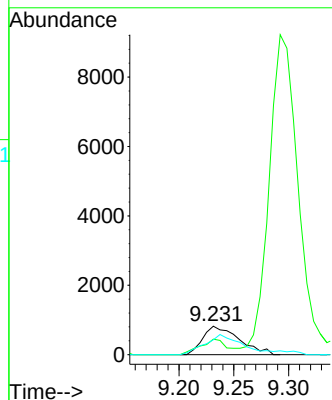
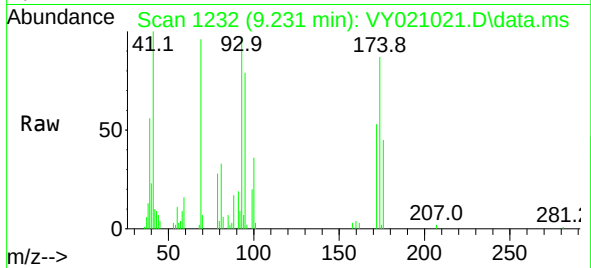




#49
1,4-Dioxane
Concen: 188.876 ug/l
RT: 9.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

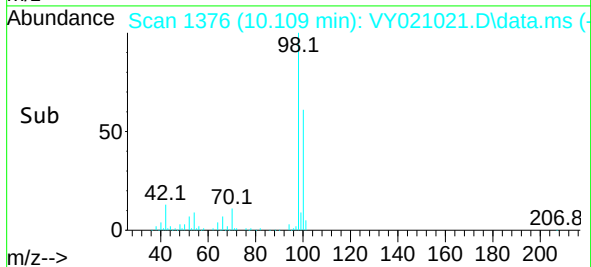
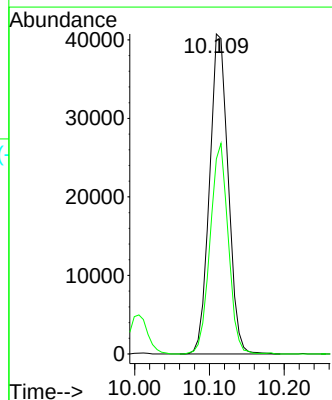
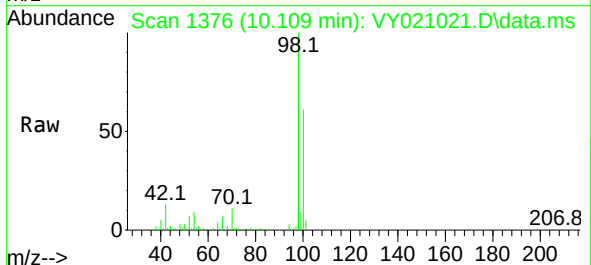
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

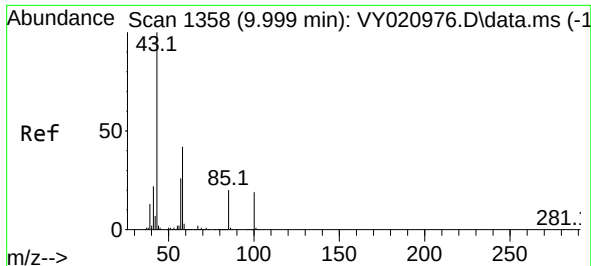
Tgt Ion: 88 Resp: 1885
Ion Ratio Lower Upper
88 100
43 39.2 24.2 36.4#
58 79.4 57.3 85.9



#50
Toluene-d8
Concen: 10.540 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 98 Resp: 70569
Ion Ratio Lower Upper
98 100
100 64.0 52.6 79.0

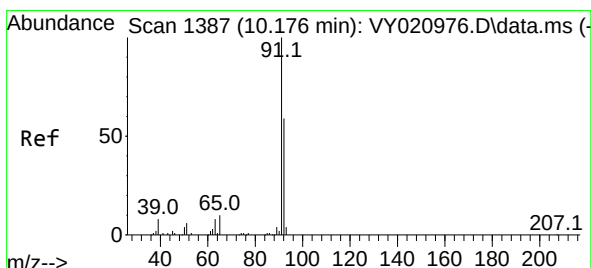
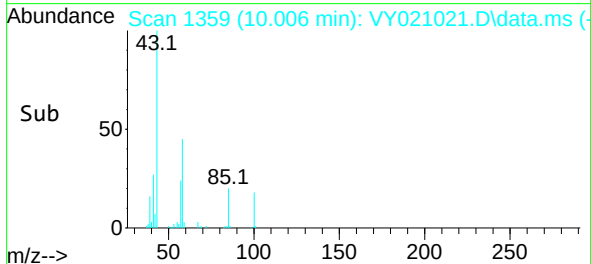
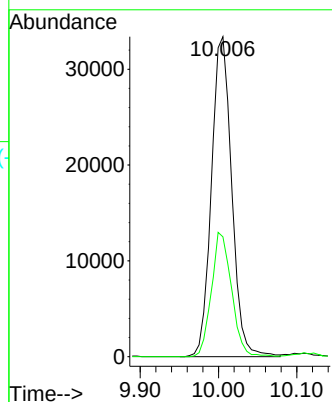
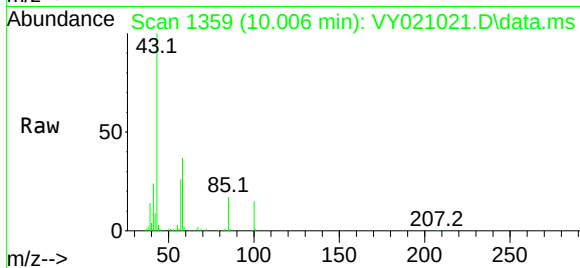




#51
4-Methyl-2-Pentanone
Concen: 64.159 ug/l
RT: 10.006 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

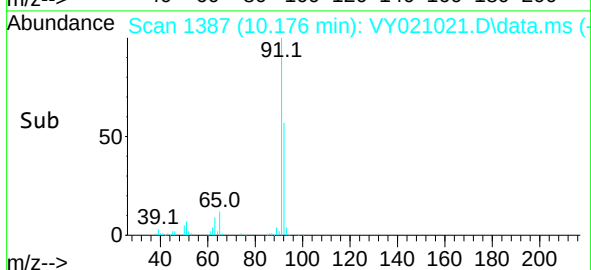
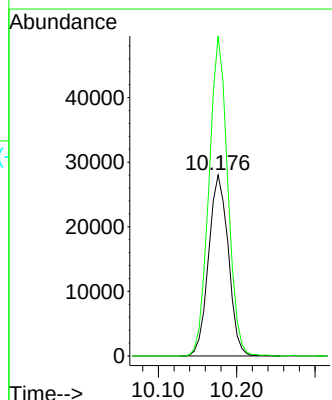
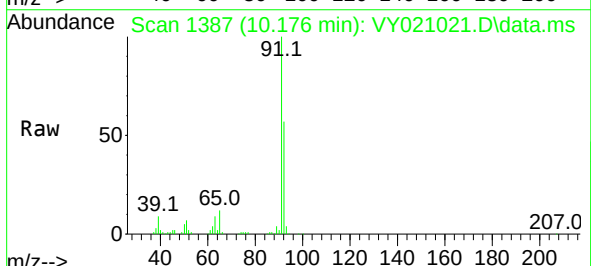
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

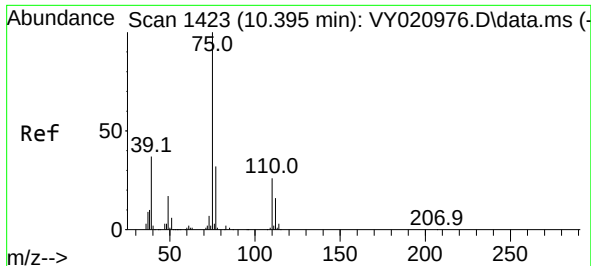
Tgt Ion: 43 Resp: 60088
Ion Ratio Lower Upper
43 100
58 38.5 33.8 50.8



#52
Toluene
Concen: 10.457 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 92 Resp: 48876
Ion Ratio Lower Upper
92 100
91 168.9 135.8 203.8

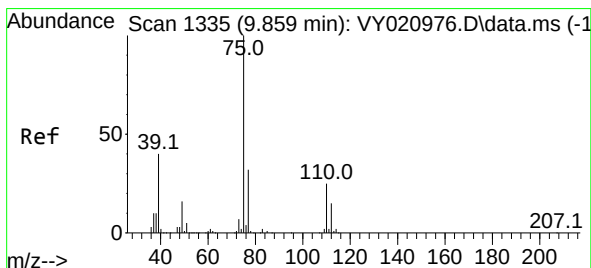
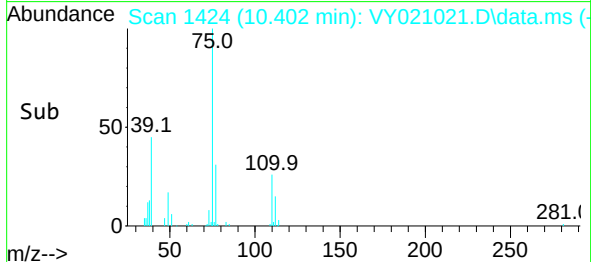
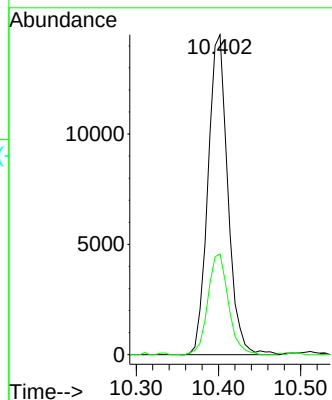
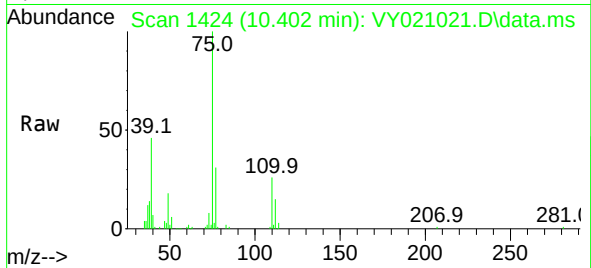




#53
 t-1,3-Dichloropropene
 Concen: 10.888 ug/l
 RT: 10.402 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY021021.D
 Acq: 03 Feb 2025 10:57

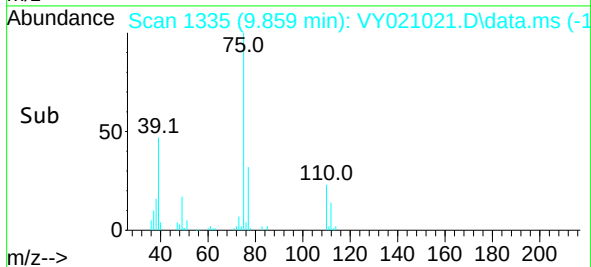
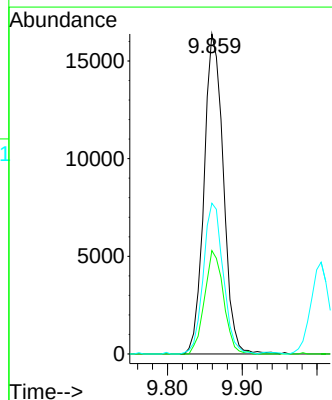
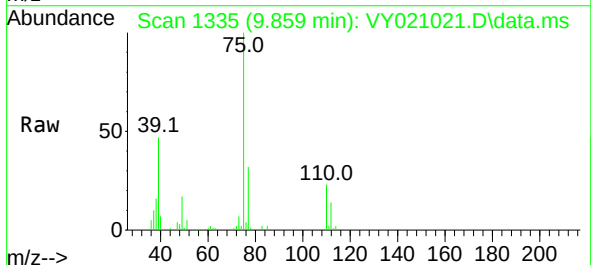
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

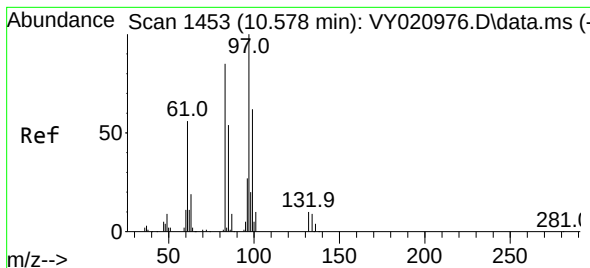
Tgt Ion: 75 Resp: 24301
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 11.031 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY021021.D
 Acq: 03 Feb 2025 10:57

Tgt Ion: 75 Resp: 29426
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0
 39 47.1 32.2 48.2

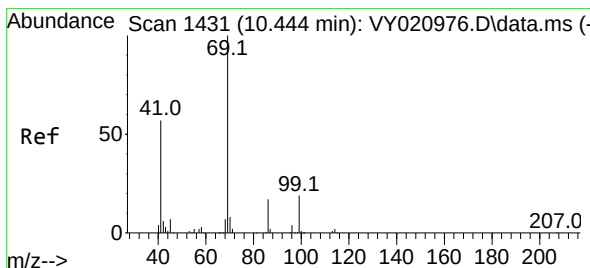
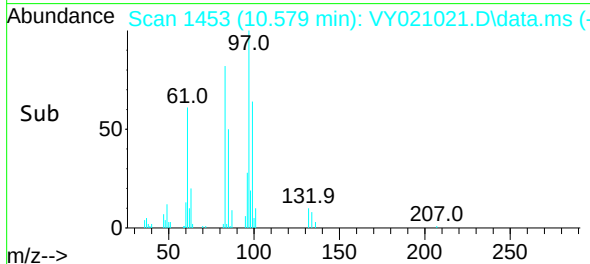
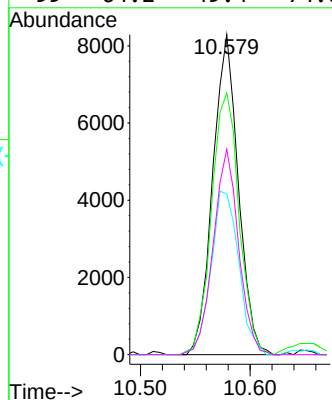
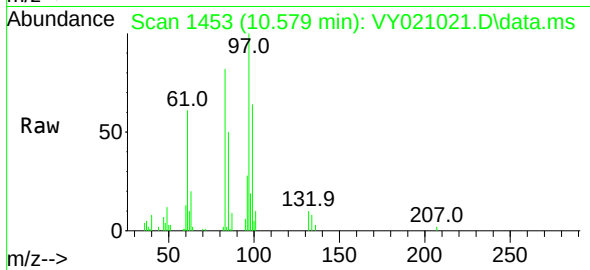




#55
1,1,2-Trichloroethane
Concen: 10.748 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

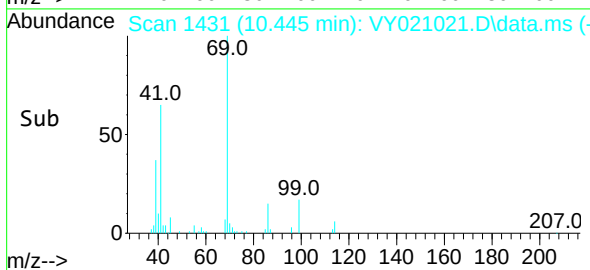
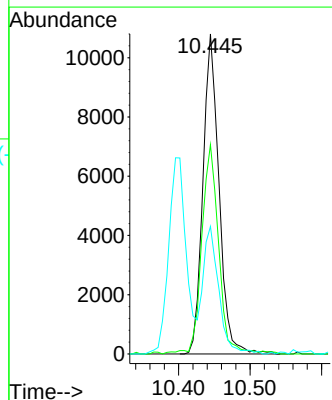
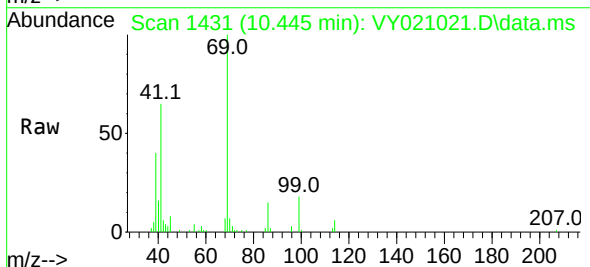
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

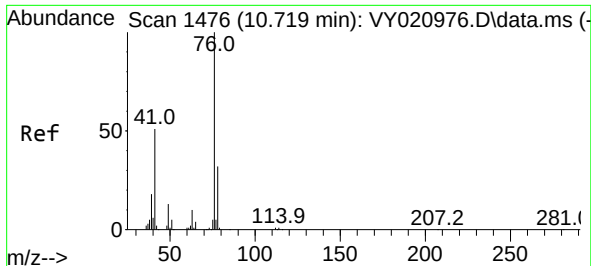
Tgt Ion: 97	Resp: 13425
Ion Ratio	Lower Upper
97 100	
83 81.8	67.7 101.5
85 50.2	43.4 65.2
99 64.2	49.4 74.0



#56
Ethyl methacrylate
Concen: 10.341 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 69	Resp: 16883
Ion Ratio	Lower Upper
69 100	
41 68.3	46.3 69.5
39 38.7	24.5 36.7#





#57

1,3-Dichloropropane

Concen: 11.042 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

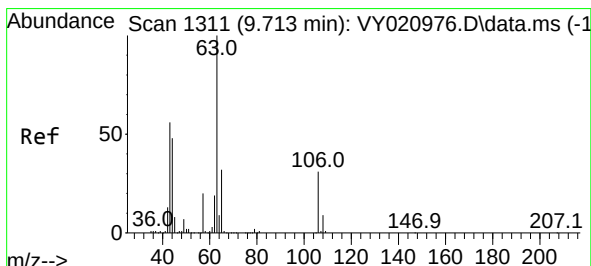
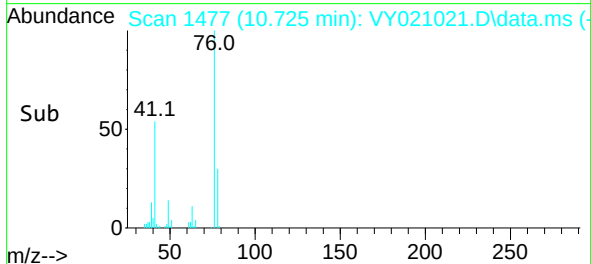
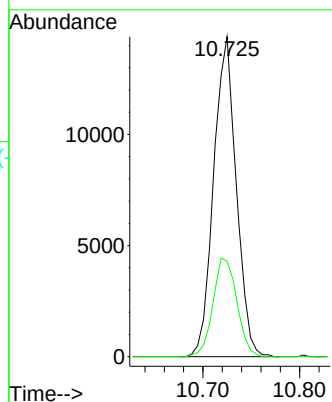
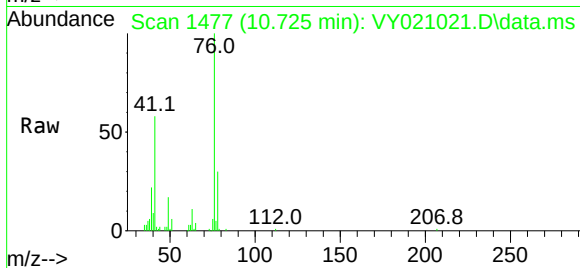
VSTDICC010

Tgt Ion: 76 Resp: 23377

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 60.048 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021021.D

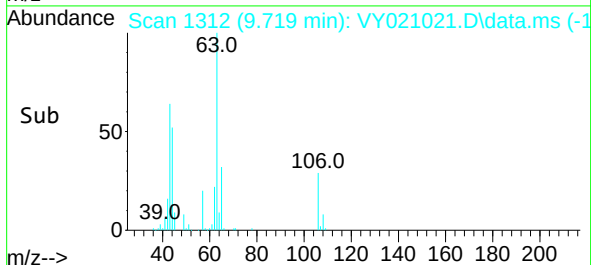
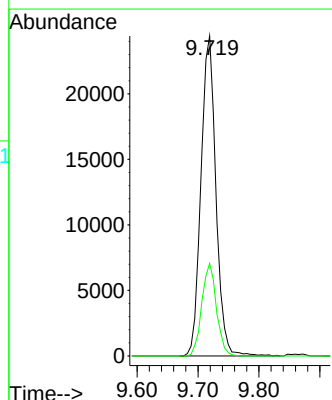
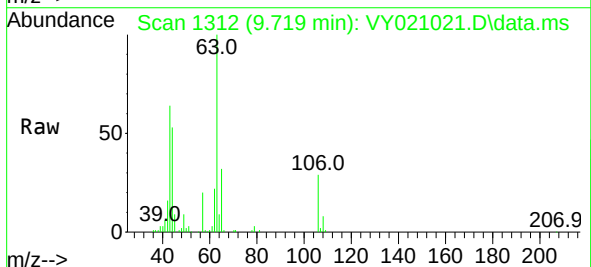
Acq: 03 Feb 2025 10:57

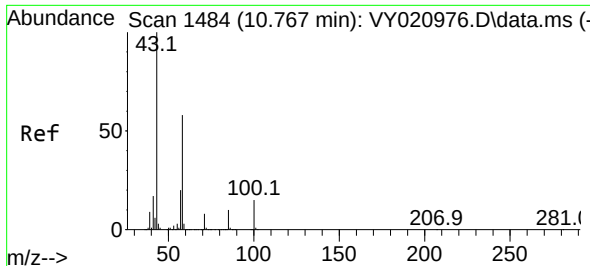
Tgt Ion: 63 Resp: 41611

Ion Ratio Lower Upper

63 100

106 28.2 24.7 37.1

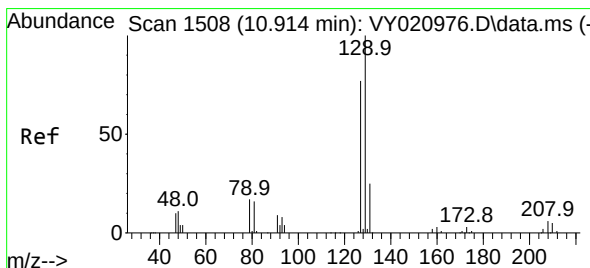
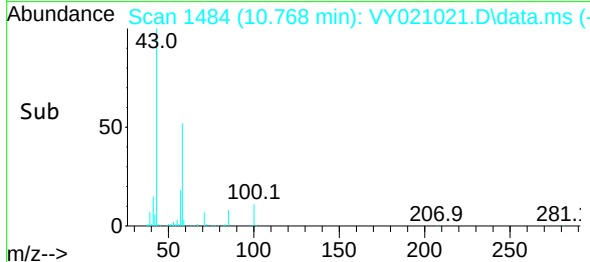
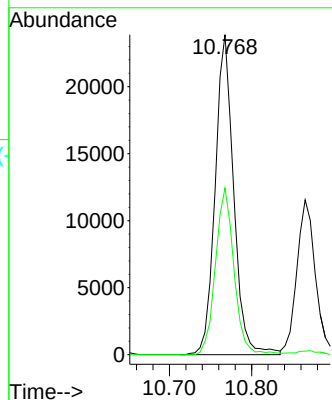
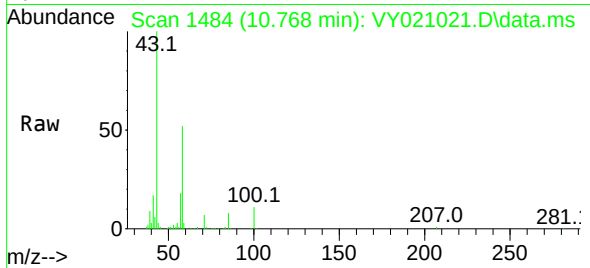




#59
2-Hexanone
Concen: 61.283 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

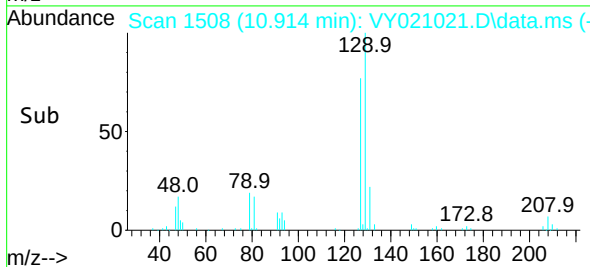
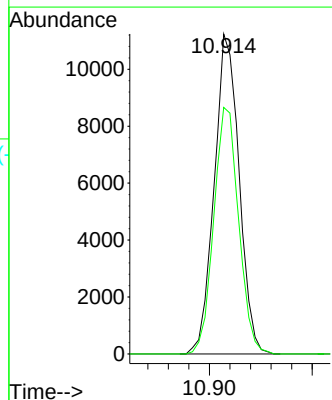
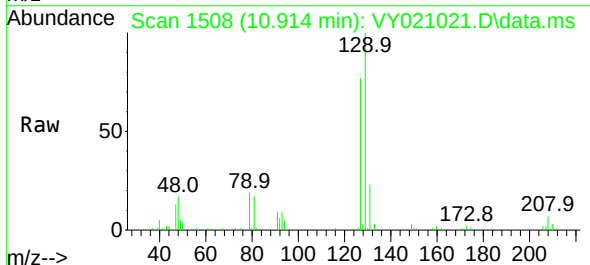
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

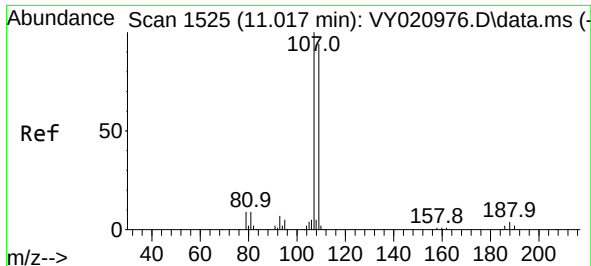
Tgt Ion: 43 Resp: 37306
Ion Ratio Lower Upper
43 100
58 52.1 29.8 89.3



#60
Dibromochloromethane
Concen: 10.585 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 129 Resp: 18851
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3

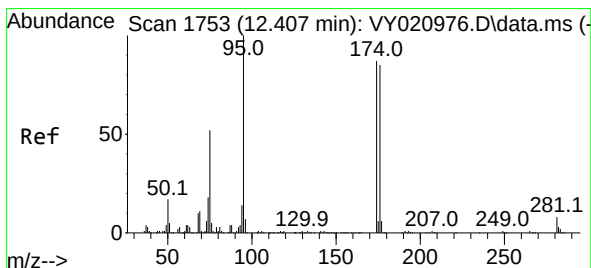
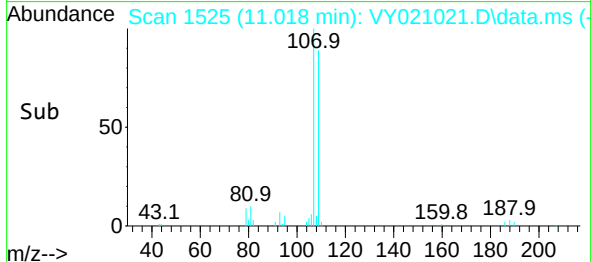
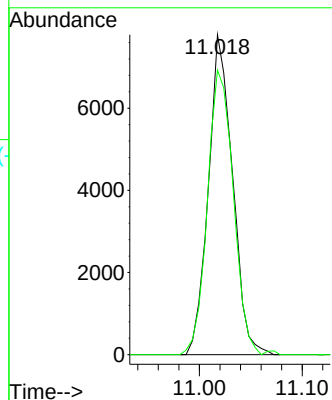
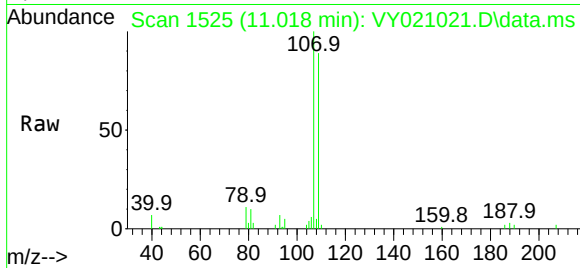




#61
1,2-Dibromoethane
Concen: 10.684 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

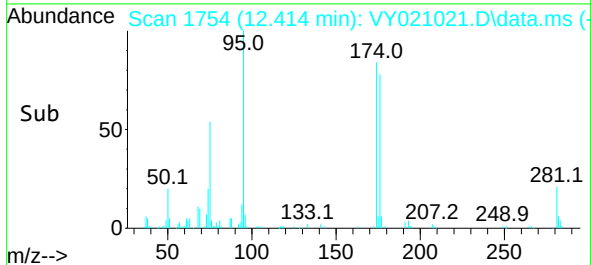
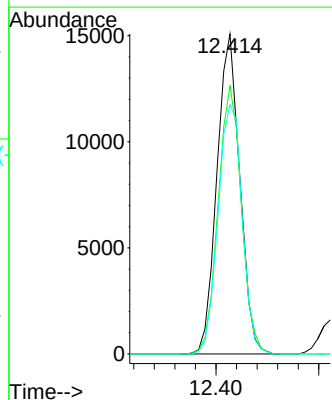
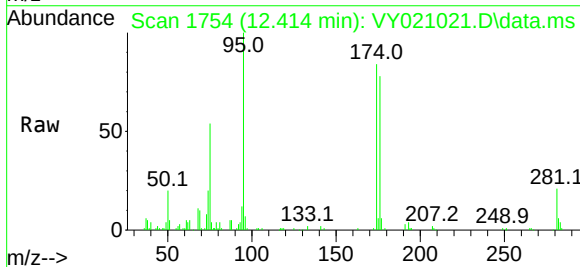
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

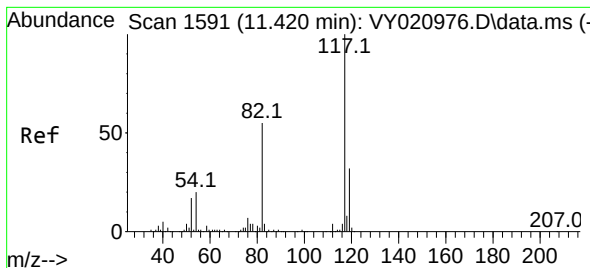
Tgt Ion:107 Resp: 12746
Ion Ratio Lower Upper
107 100
109 95.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 10.362 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 95 Resp: 23279
Ion Ratio Lower Upper
95 100
174 85.2 0.0 181.2
176 82.2 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: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

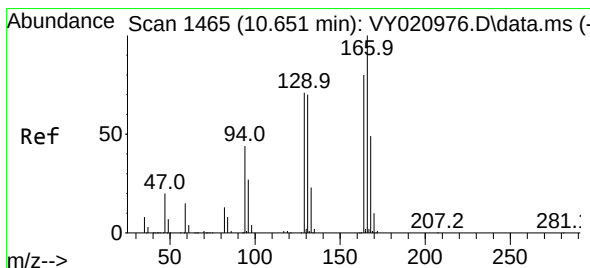
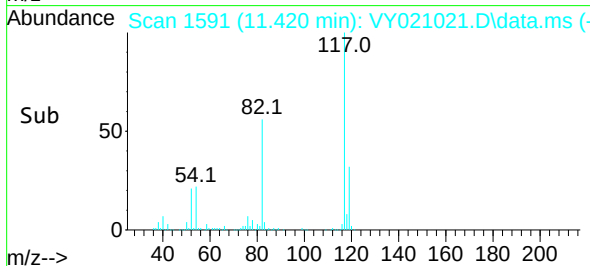
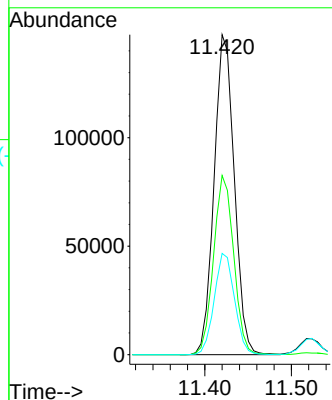
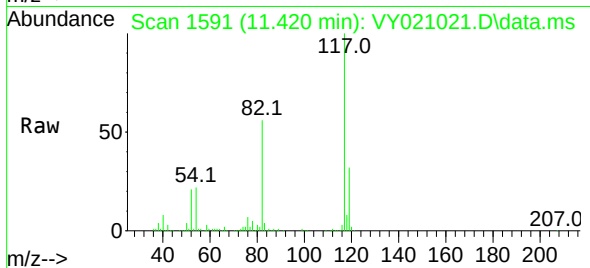
Tgt Ion:117 Resp: 239030

Ion Ratio Lower Upper

117 100

82 56.0 44.2 66.2

119 31.6 25.9 38.9



#64

Tetrachloroethene

Concen: 9.730 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Tgt Ion:164 Resp: 17544

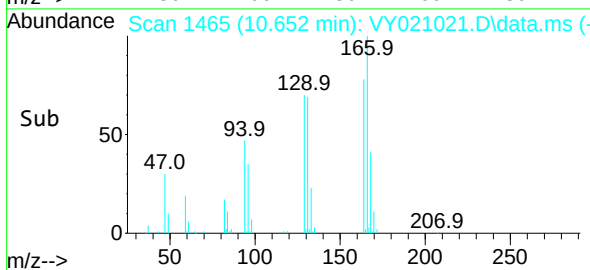
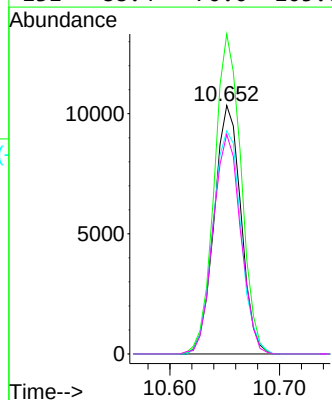
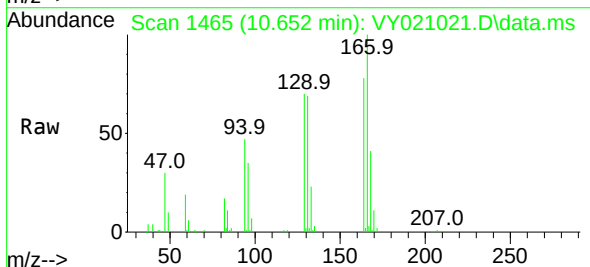
Ion Ratio Lower Upper

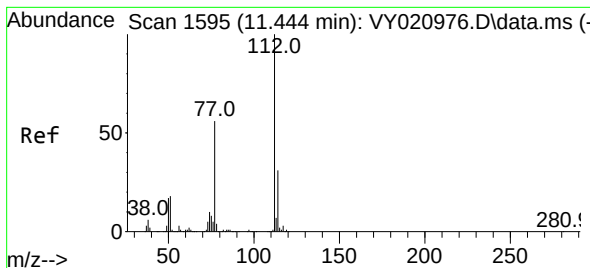
164 100

166 128.8 100.4 150.6

129 89.8 70.8 106.2

131 88.4 70.0 105.0





#65

Chlorobenzene

Concen: 10.583 ug/l

RT: 11.450 min Scan# 1596

Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

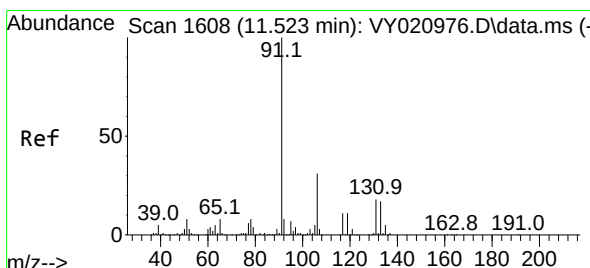
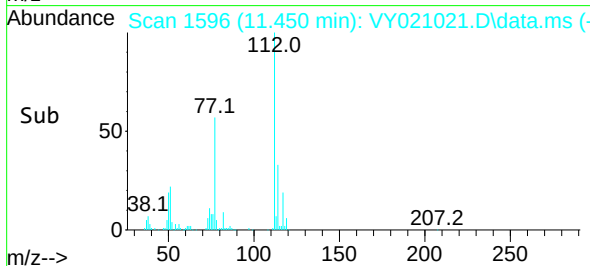
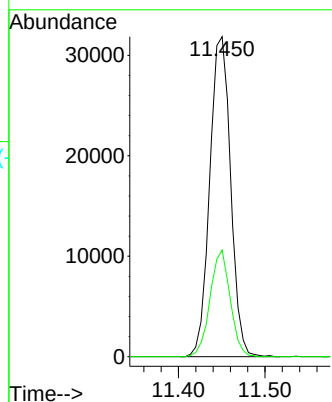
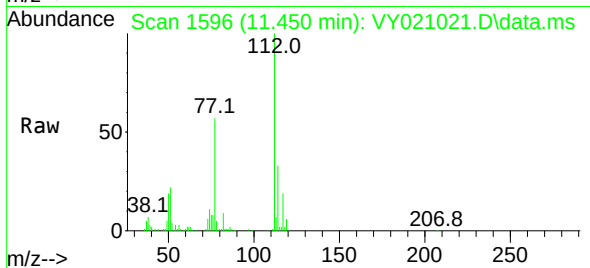
VSTDIC010

Tgt Ion:112 Resp: 53298

Ion Ratio Lower Upper

112 100

114 33.3 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 10.714 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

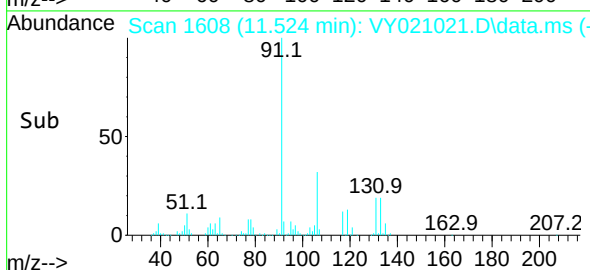
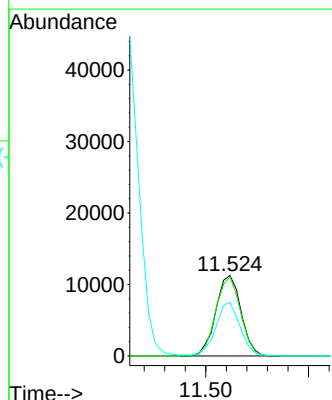
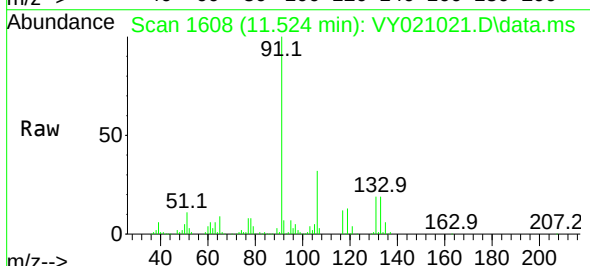
Tgt Ion:131 Resp: 19150

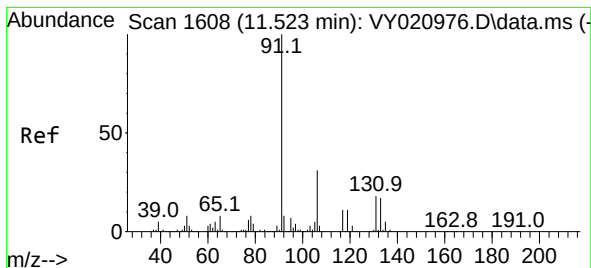
Ion Ratio Lower Upper

131 100

133 96.1 48.7 146.1

119 64.1 31.4 94.3





#67

Ethyl Benzene

Concen: 10.411 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

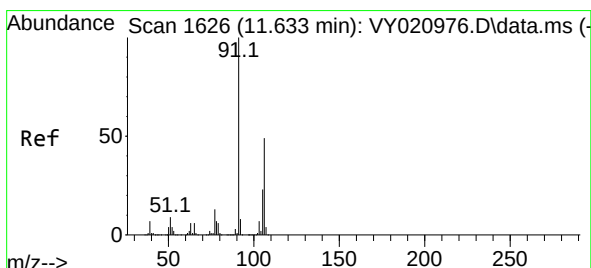
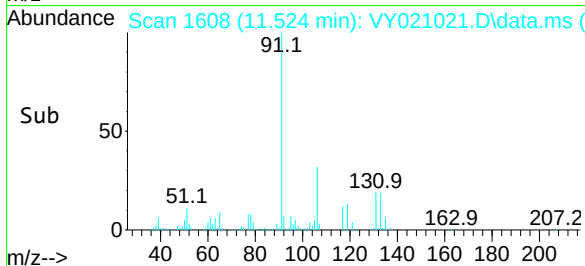
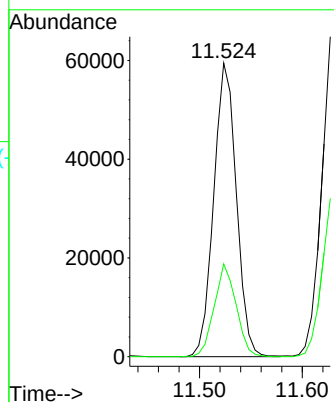
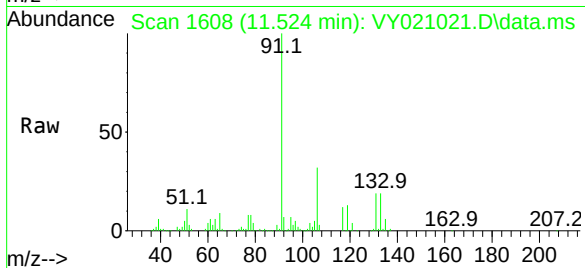
VSTDIC010

Tgt Ion: 91 Resp: 90783

Ion Ratio Lower Upper

91 100

106 31.6 24.9 37.3



#68

m/p-Xylenes

Concen: 20.624 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021021.D

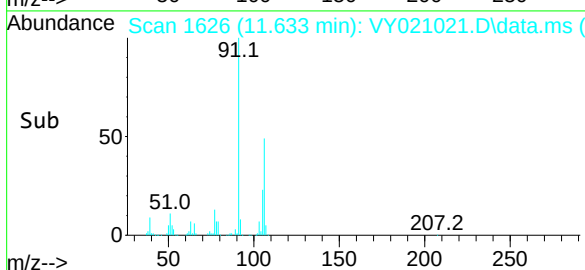
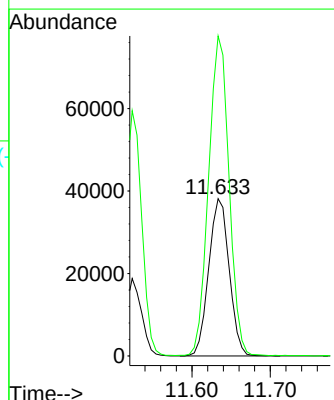
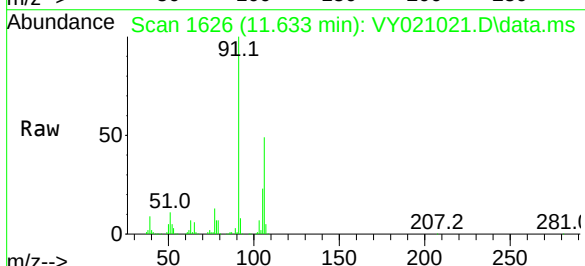
Acq: 03 Feb 2025 10:57

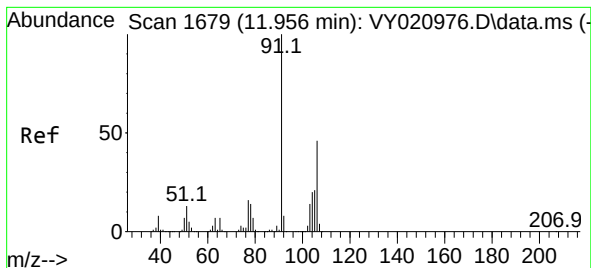
Tgt Ion:106 Resp: 69094

Ion Ratio Lower Upper

106 100

91 203.2 160.0 240.0





#69

o-Xylene

Concen: 10.106 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

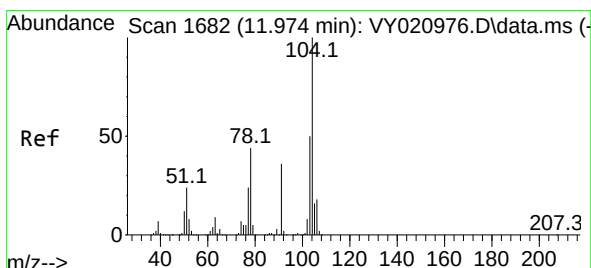
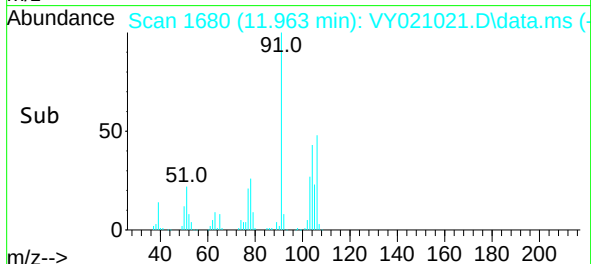
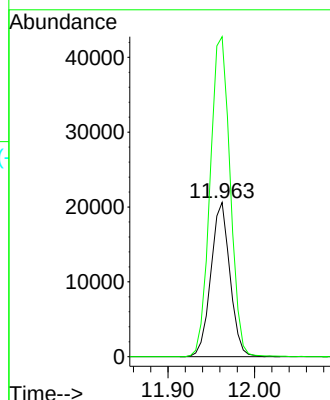
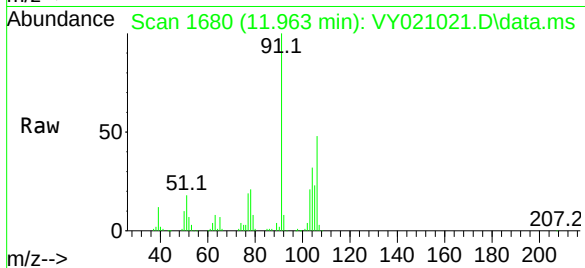
VSTDIC010

Tgt Ion:106 Resp: 31473

Ion Ratio Lower Upper

106 100

91 218.6 105.8 317.6



#70

Styrene

Concen: 10.334 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

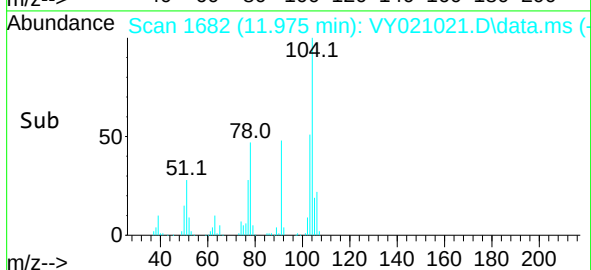
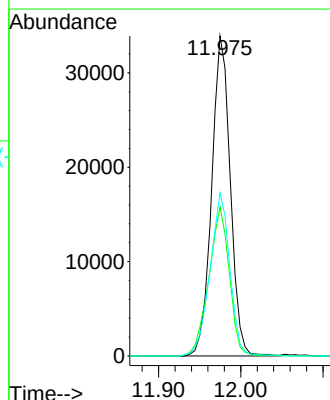
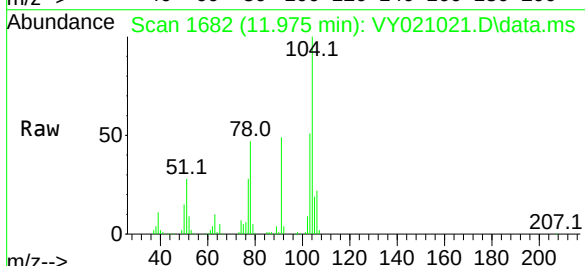
Tgt Ion:104 Resp: 53436

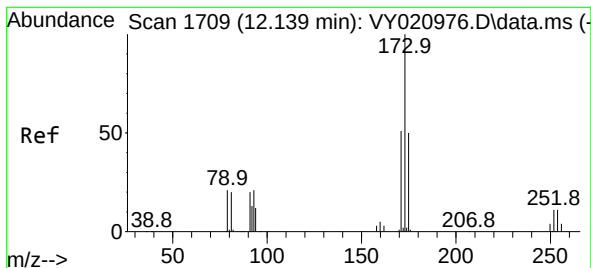
Ion Ratio Lower Upper

104 100

78 51.0 39.0 58.4

103 54.3 43.7 65.5





#71

Bromoform

Concen: 10.088 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

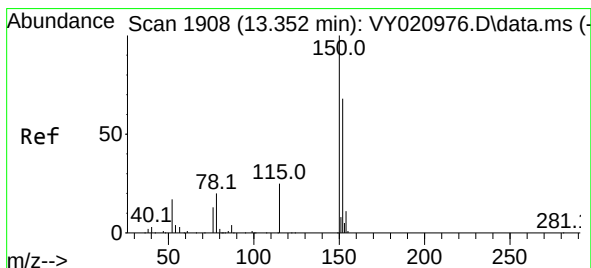
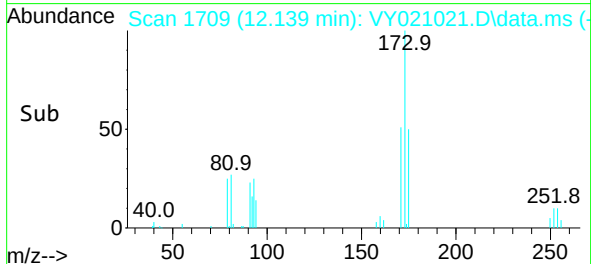
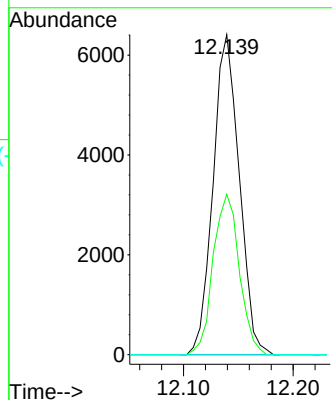
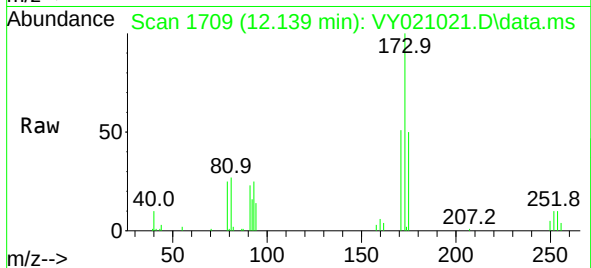
Tgt Ion:173 Resp: 10627

Ion Ratio Lower Upper

173 100

175 50.1 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: VY021021.D

Acq: 03 Feb 2025 10:57

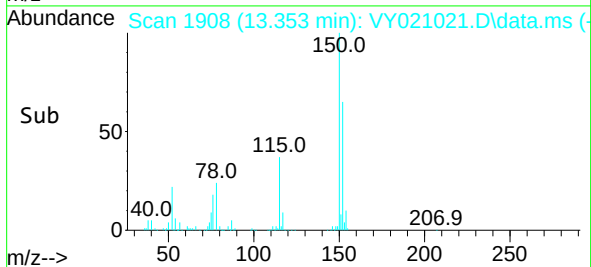
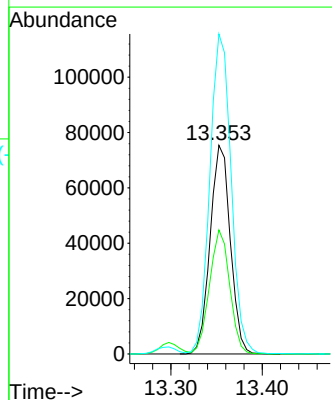
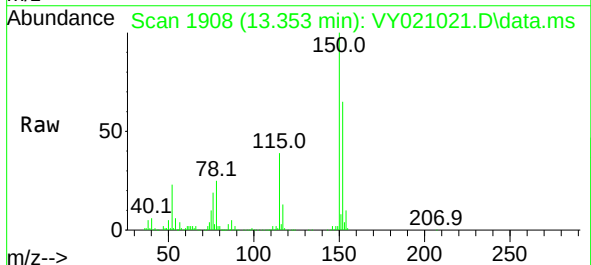
Tgt Ion:152 Resp: 115682

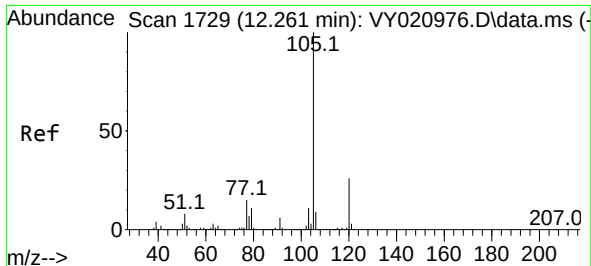
Ion Ratio Lower Upper

152 100

115 59.3 28.4 85.2

150 161.1 0.0 342.8

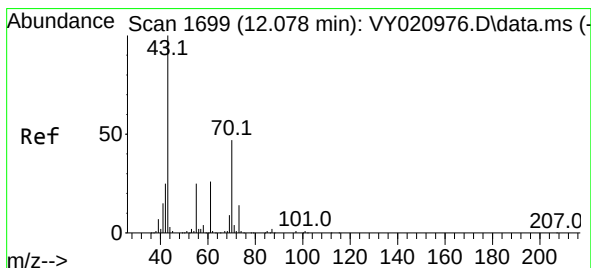
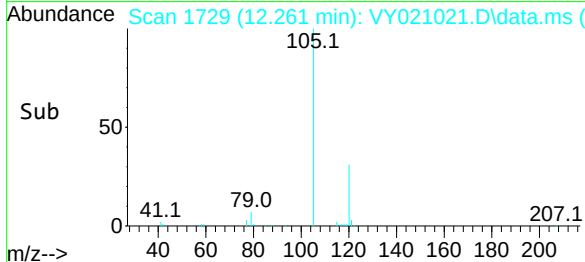
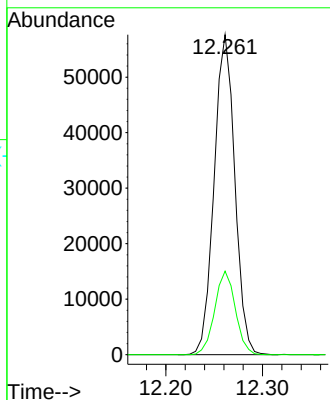
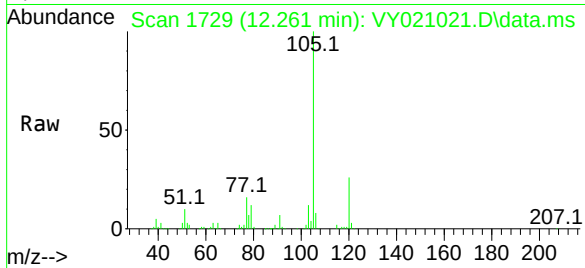




#73
Isopropylbenzene
Concen: 10.522 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

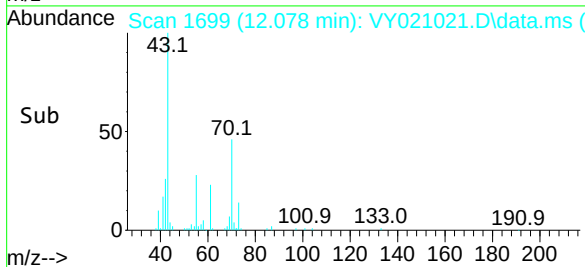
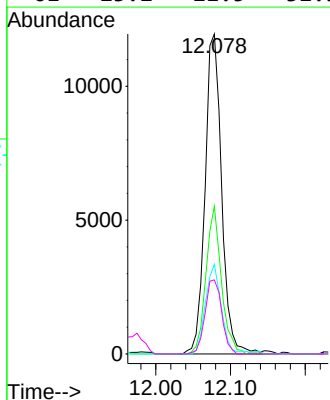
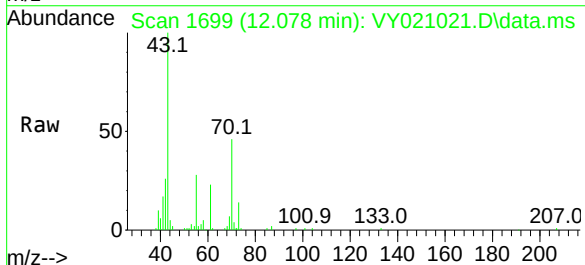
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

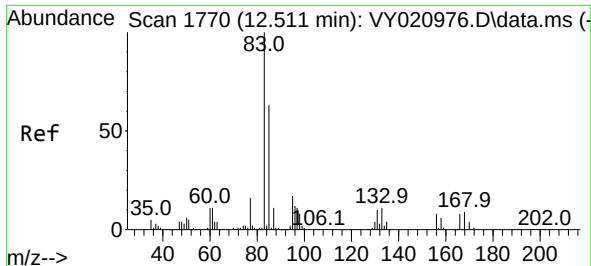
Tgt Ion:105 Resp: 85491
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.2



#74
N-ethyl acetate
Concen: 12.524 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 43 Resp: 18529
Ion Ratio Lower Upper
43 100
70 42.6 39.3 58.9
55 27.0 22.3 33.5
61 23.2 21.5 32.3

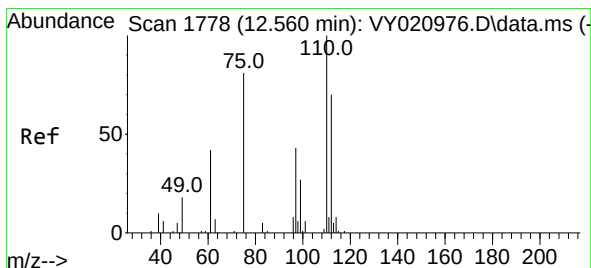
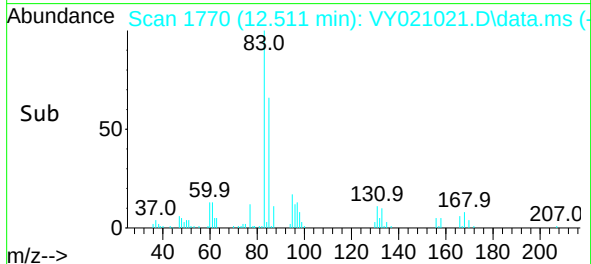
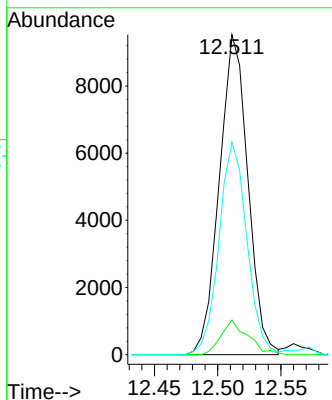
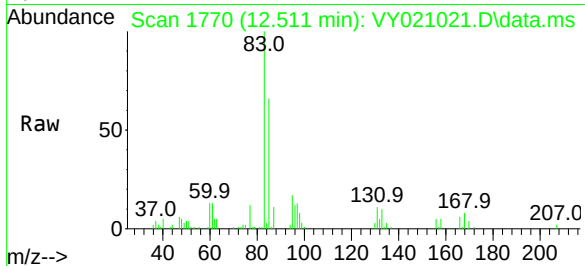




#75
 1,1,2,2-Tetrachloroethane
 Concen: 11.393 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY021021.D
 Acq: 03 Feb 2025 10:57

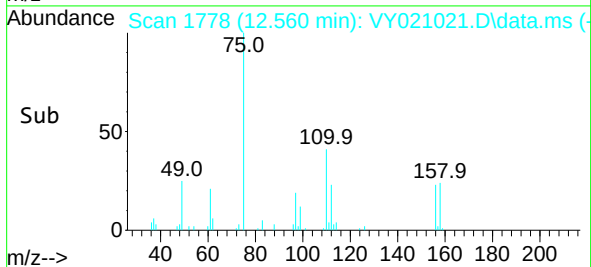
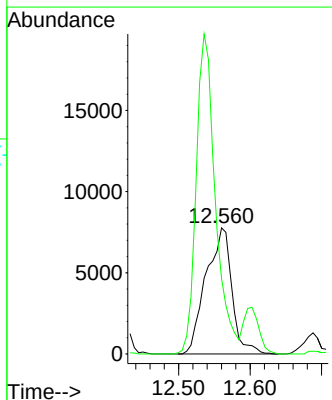
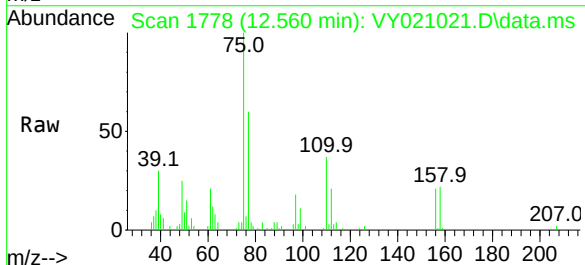
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

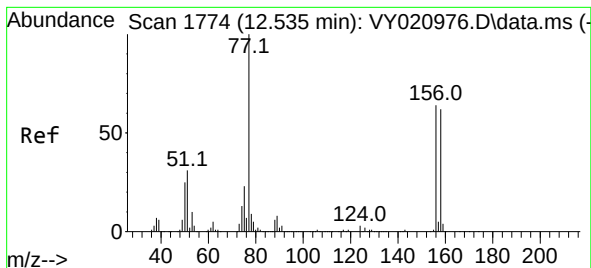
Tgt Ion: 83 Resp: 14942
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.7 17.1
 85 65.5 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 21.361 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY021021.D
 Acq: 03 Feb 2025 10:57

Tgt Ion: 75 Resp: 19562
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.712 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

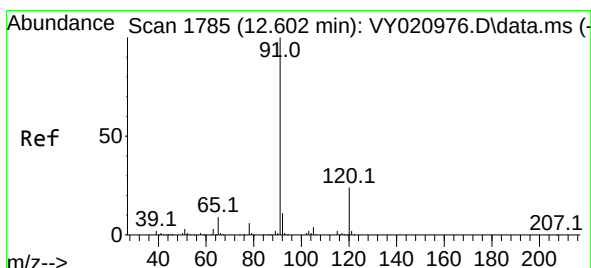
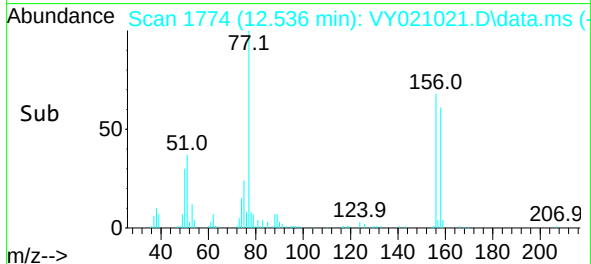
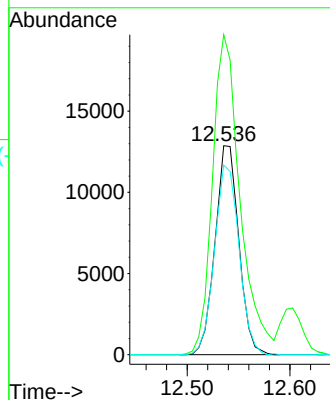
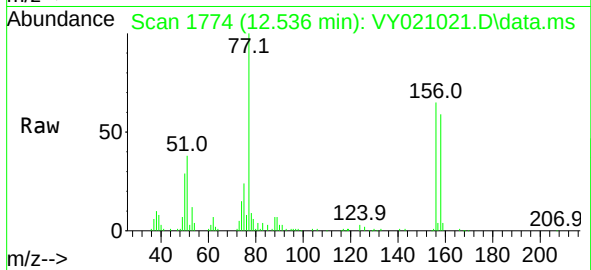
Tgt Ion:156 Resp: 20634

Ion Ratio Lower Upper

156 100

77 177.9 83.3 249.9

158 94.0 48.3 144.9



#78

n-propylbenzene

Concen: 10.738 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY021021.D

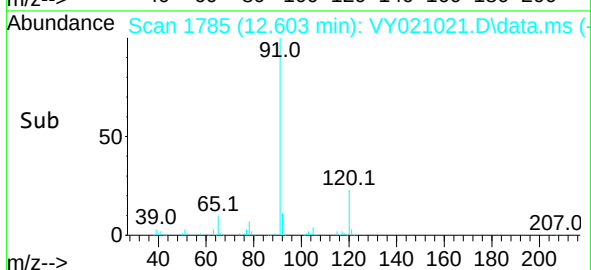
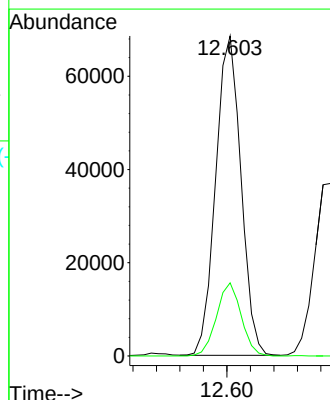
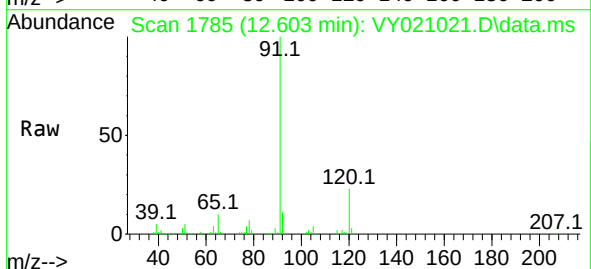
Acq: 03 Feb 2025 10:57

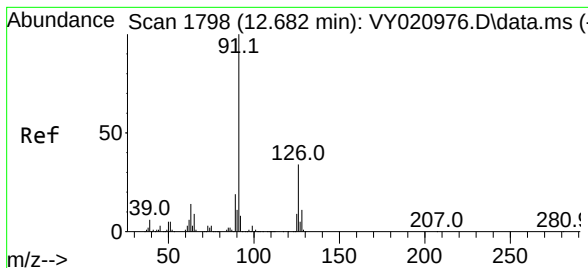
Tgt Ion: 91 Resp: 102250

Ion Ratio Lower Upper

91 100

120 22.4 11.8 35.4

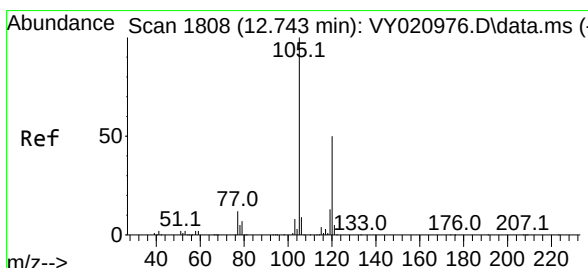
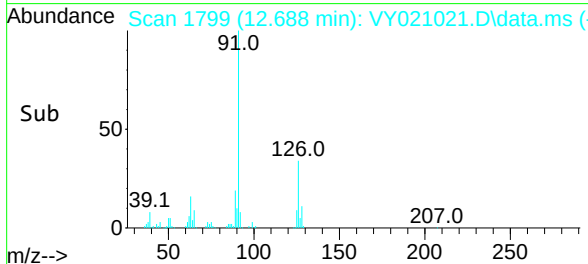
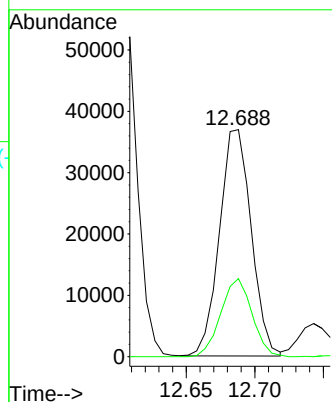
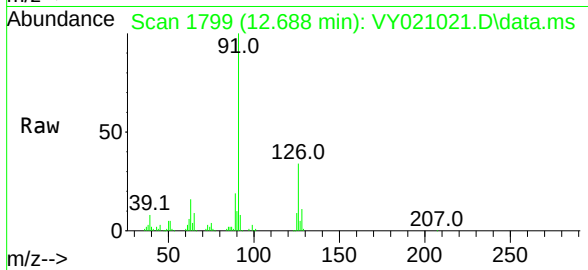




#79
2-Chlorotoluene
Concen: 10.991 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

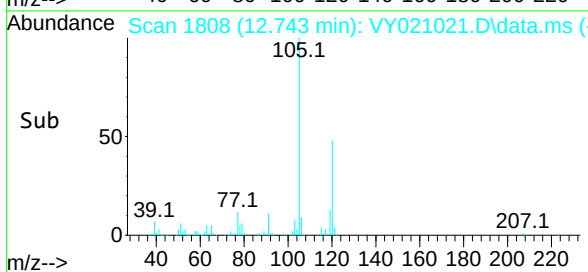
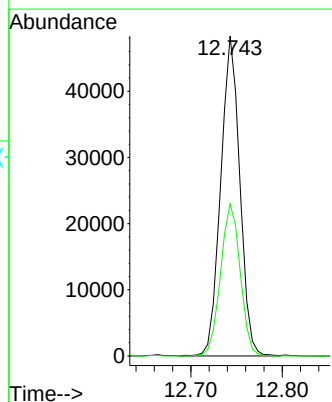
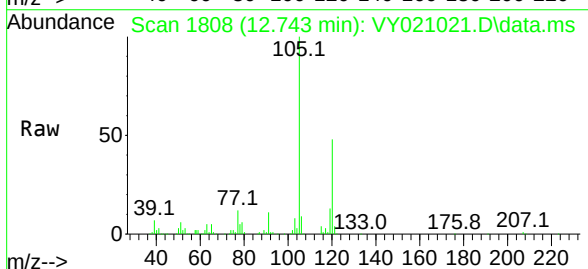
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

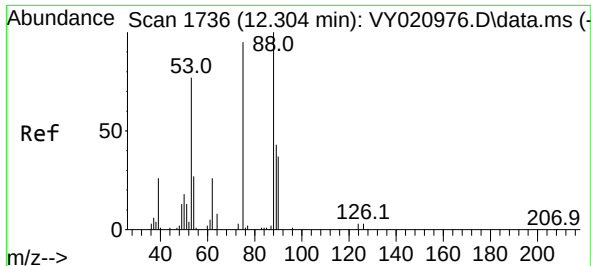
Tgt Ion: 91 Resp: 59630
Ion Ratio Lower Upper
91 100
126 33.7 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 10.541 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 105 Resp: 70161
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.9

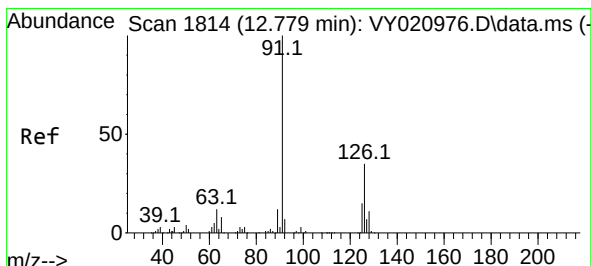
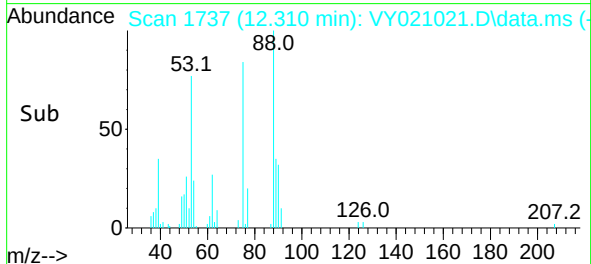
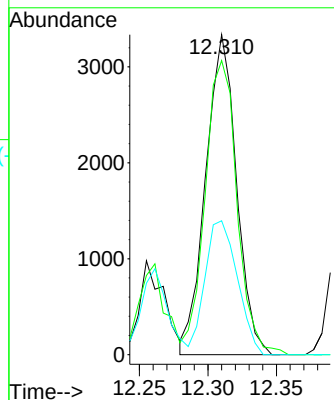
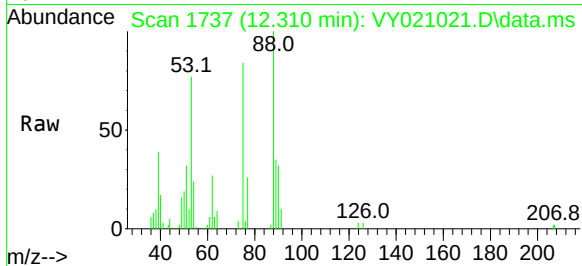




#81
trans-1,4-Dichloro-2-butene
Concen: 11.842 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

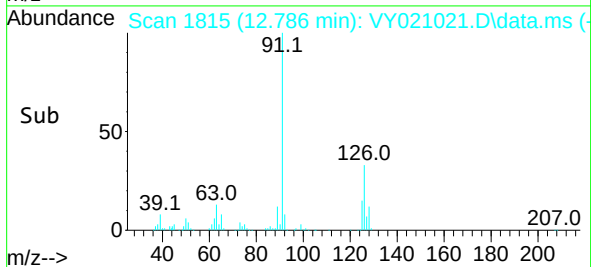
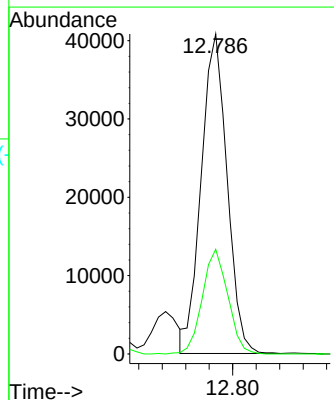
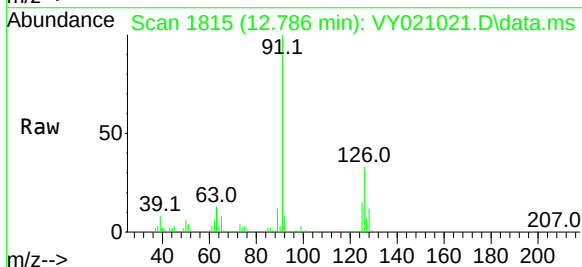
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

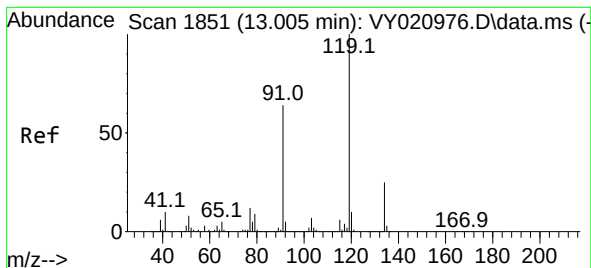
Tgt Ion: 75 Resp: 5224
Ion Ratio Lower Upper
75 100
53 94.9 68.6 103.0
89 43.8 38.1 57.1



#82
4-Chlorotoluene
Concen: 11.217 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 91 Resp: 62279
Ion Ratio Lower Upper
91 100
126 32.3 17.3 52.0





#83

tert-Butylbenzene

Concen: 10.287 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

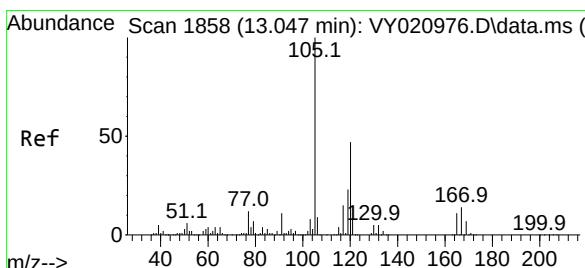
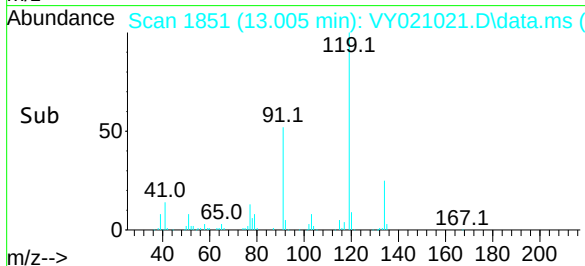
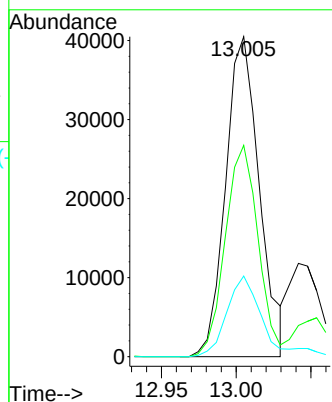
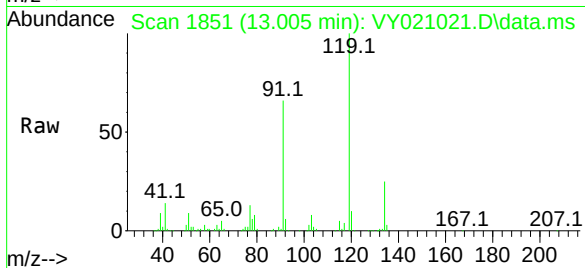
Tgt Ion:119 Resp: 63506

Ion Ratio Lower Upper

119 100

91 64.2 31.4 94.0

134 26.7 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 10.444 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY021021.D

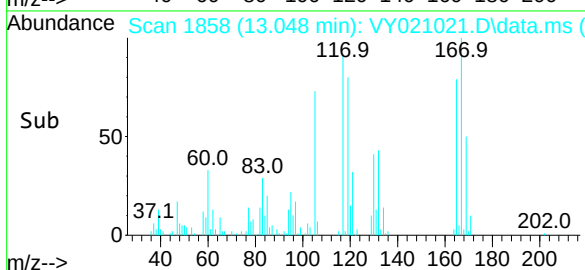
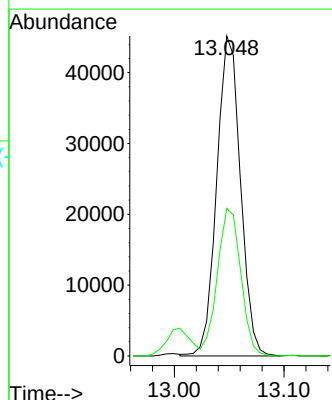
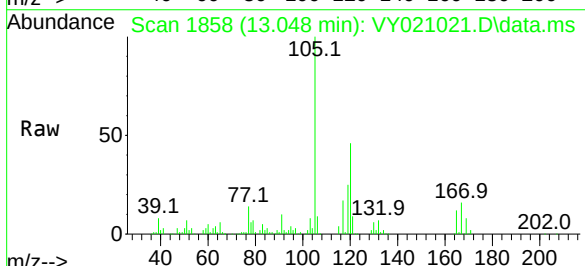
Acq: 03 Feb 2025 10:57

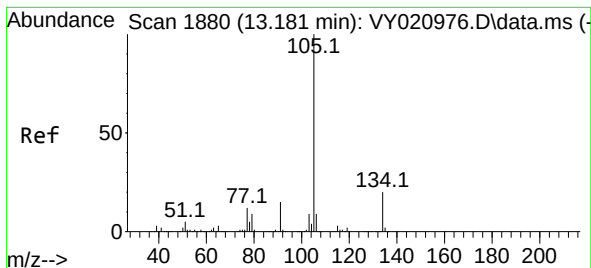
Tgt Ion:105 Resp: 67906

Ion Ratio Lower Upper

105 100

120 45.6 22.7 68.0





#85

sec-Butylbenzene

Concen: 10.596 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

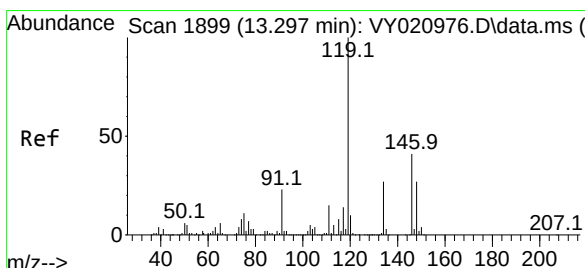
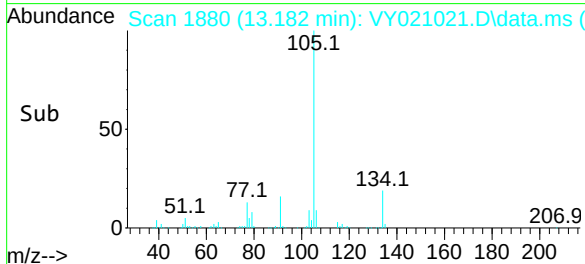
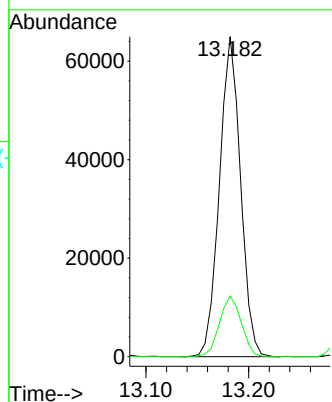
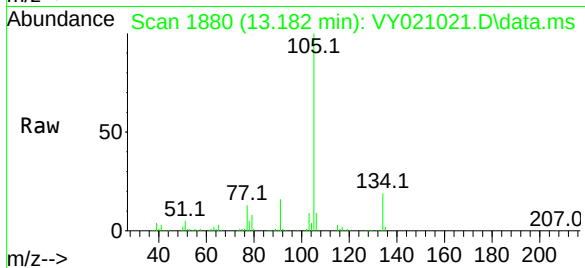
VSTDIC010

Tgt Ion:105 Resp: 92610

Ion Ratio Lower Upper

105 100

134 19.6 10.3 30.8



#86

p-Isopropyltoluene

Concen: 10.196 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

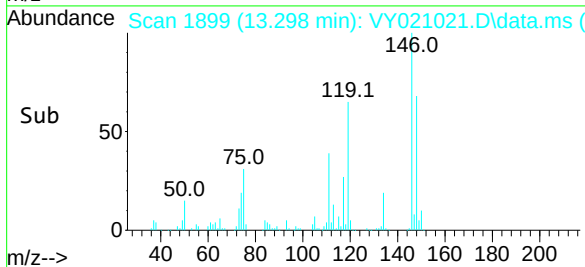
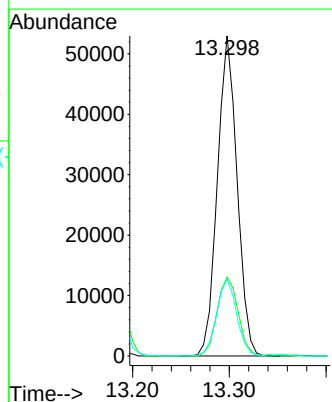
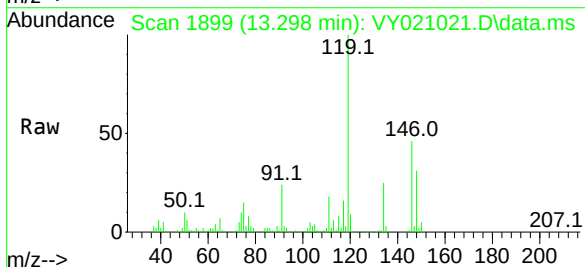
Tgt Ion:119 Resp: 74892

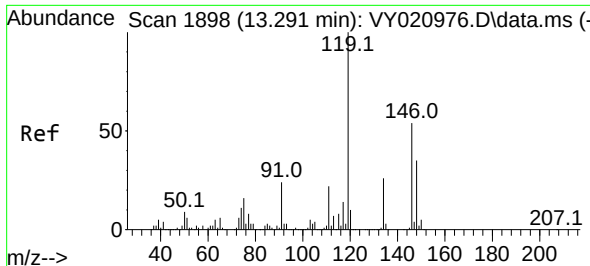
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.4 11.5 34.5

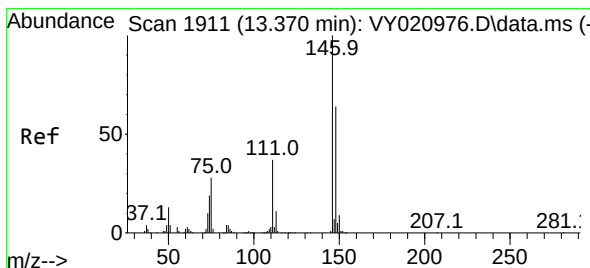
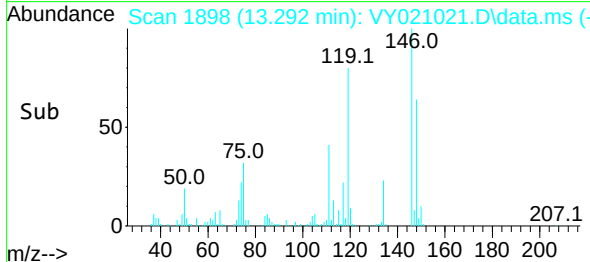
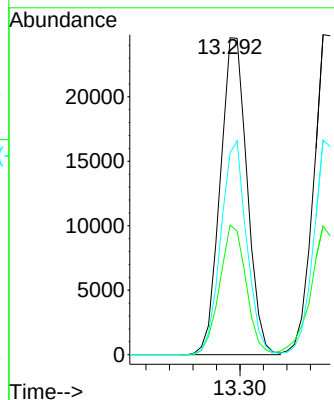
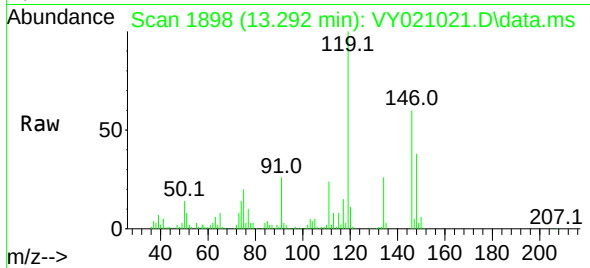




#87
 1,3-Dichlorobenzene
 Concen: 10.388 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021021.D
 Acq: 03 Feb 2025 10:57

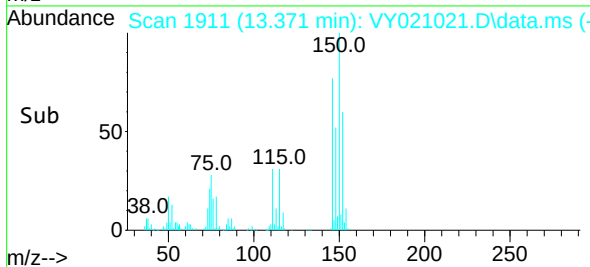
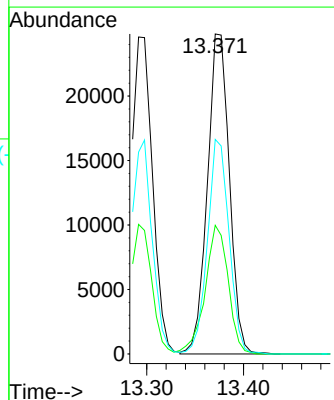
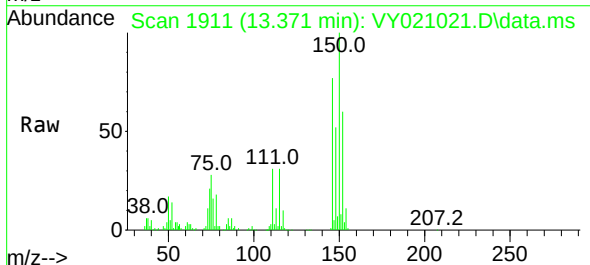
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

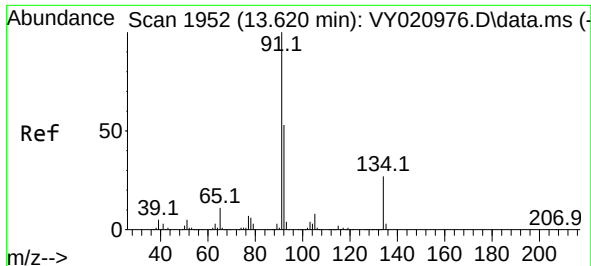
Tgt Ion:146 Resp: 39016
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.7 59.1
 148 64.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 10.559 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY021021.D
 Acq: 03 Feb 2025 10:57

Tgt Ion:146 Resp: 39379
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.0 57.0
 148 65.8 31.6 95.0





#89

n-Butylbenzene

Concen: 10.280 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

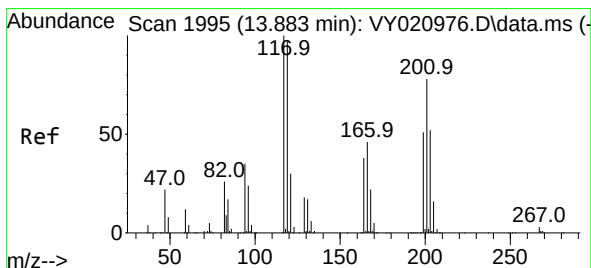
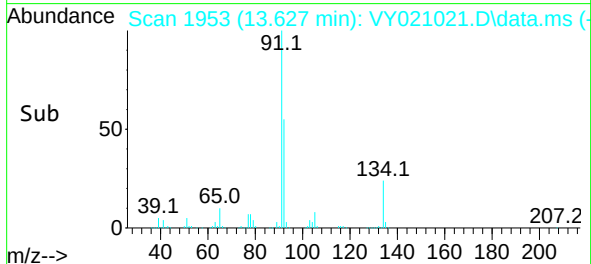
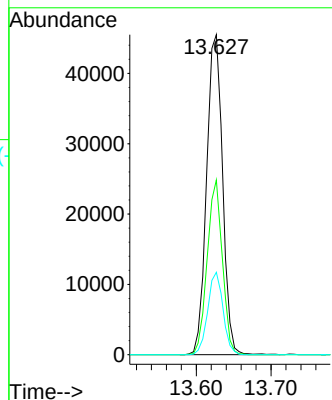
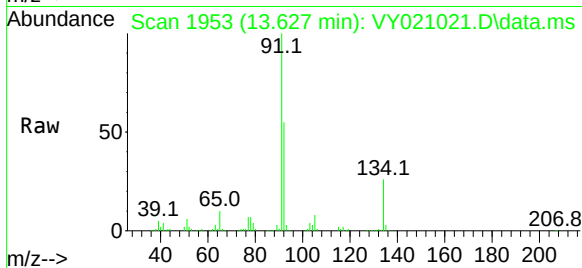
Tgt Ion: 91 Resp: 67632

Ion Ratio Lower Upper

91 100

92 51.7 26.7 80.1

134 24.6 13.7 41.1



#90

Hexachloroethane

Concen: 10.788 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY021021.D

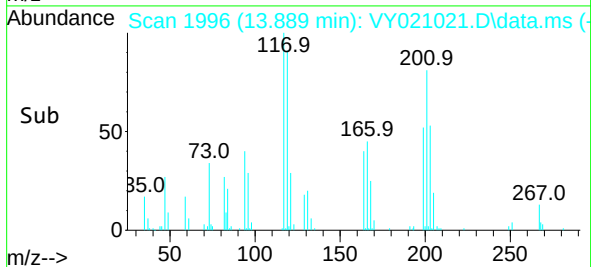
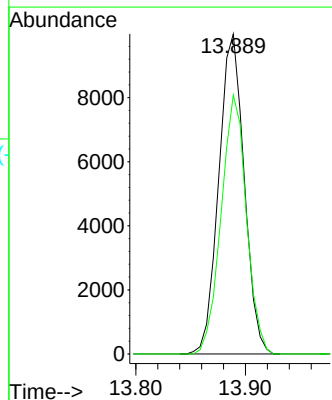
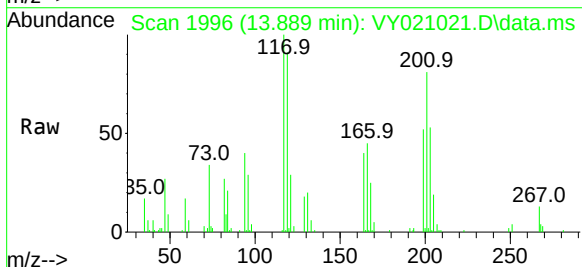
Acq: 03 Feb 2025 10:57

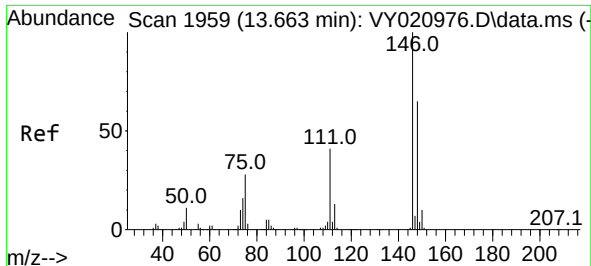
Tgt Ion: 117 Resp: 16030

Ion Ratio Lower Upper

117 100

201 80.4 42.5 127.5

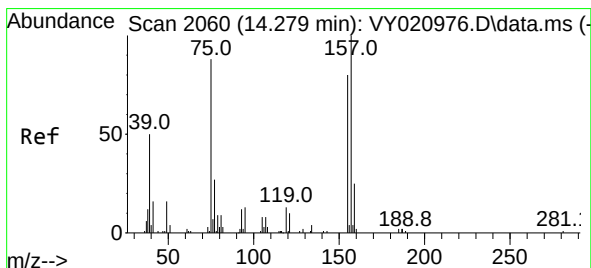
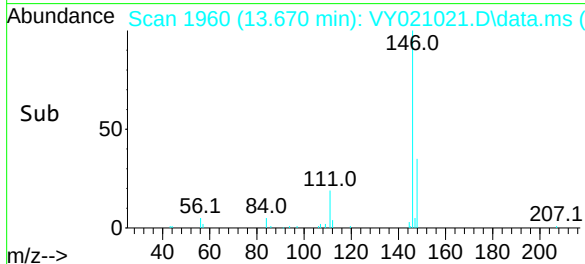
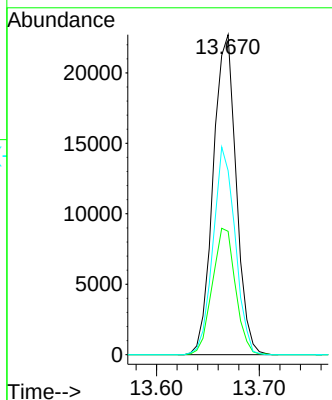
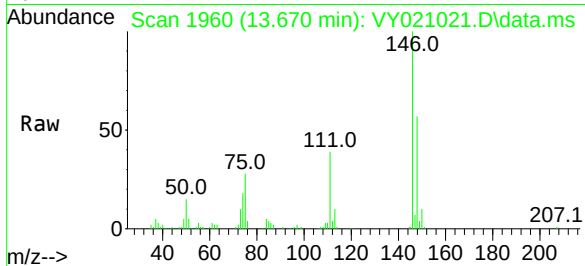




#91
1,2-Dichlorobenzene
Concen: 10.763 ug/l
RT: 13.670 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

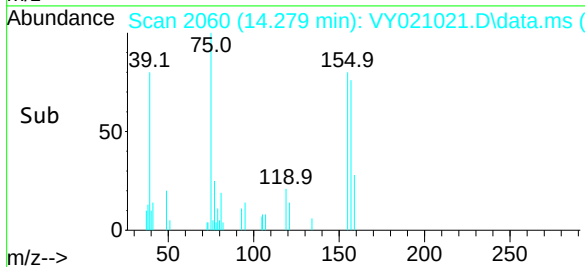
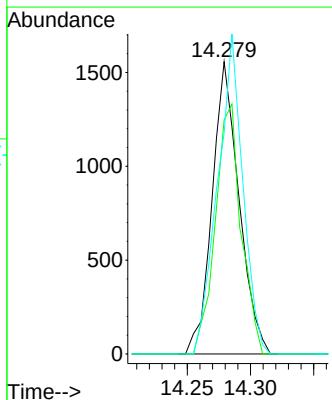
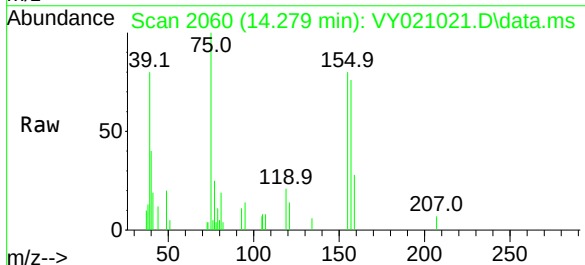
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

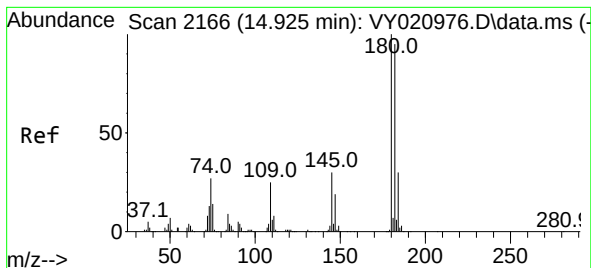
Tgt Ion:146 Resp: 35252
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.8
148 62.4 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.372 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 75 Resp: 2296
Ion Ratio Lower Upper
75 100
155 82.0 45.9 137.6
157 102.7 59.3 177.9





#93

1,2,4-Trichlorobenzene

Concen: 8.702 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

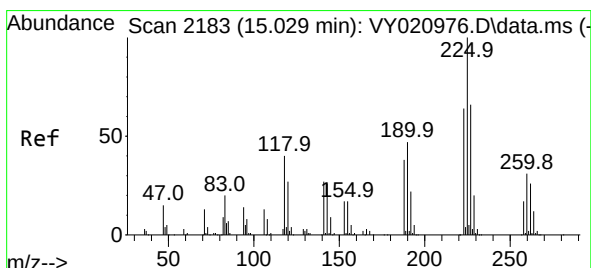
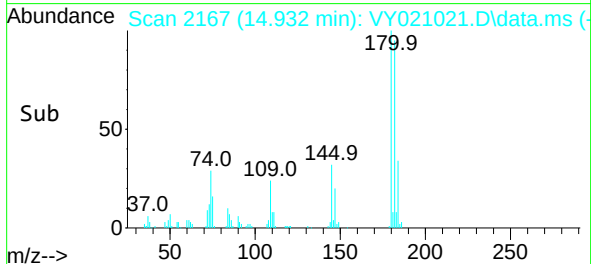
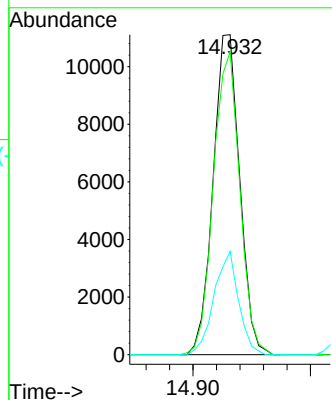
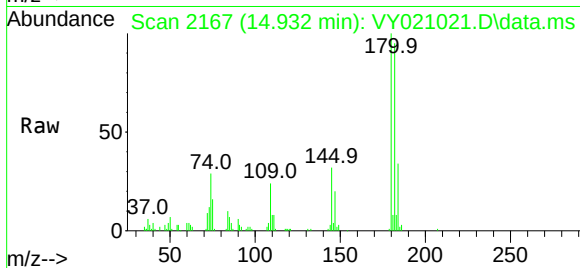
Tgt Ion:180 Resp: 17451

Ion Ratio Lower Upper

180 100

182 94.2 48.3 144.8

145 29.9 15.3 45.8



#94

Hexachlorobutadiene

Concen: 8.631 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

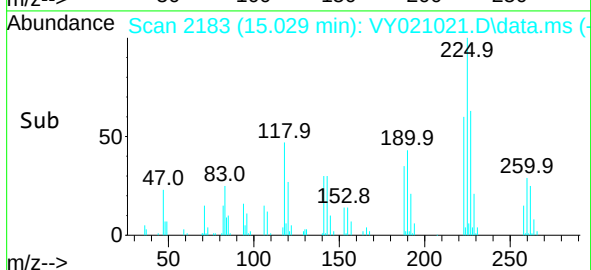
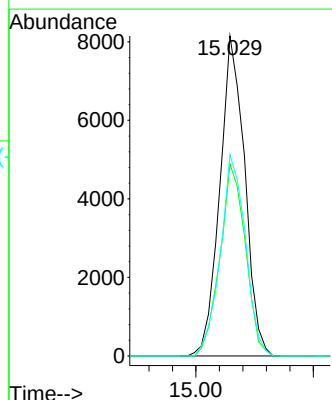
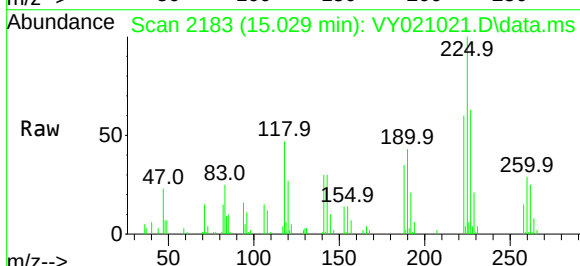
Tgt Ion:225 Resp: 11988

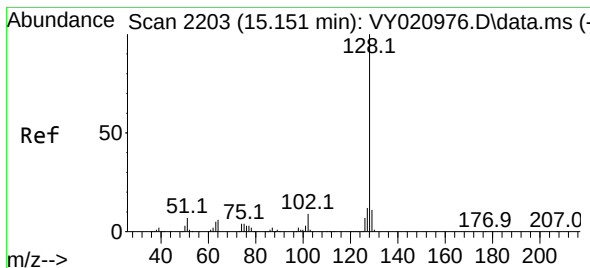
Ion Ratio Lower Upper

225 100

223 61.1 31.4 94.2

227 63.5 31.8 95.3





#95

Naphthalene

Concen: 8.409 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

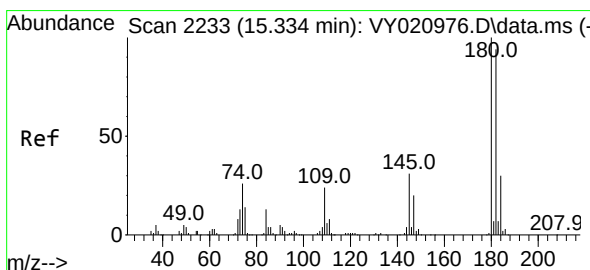
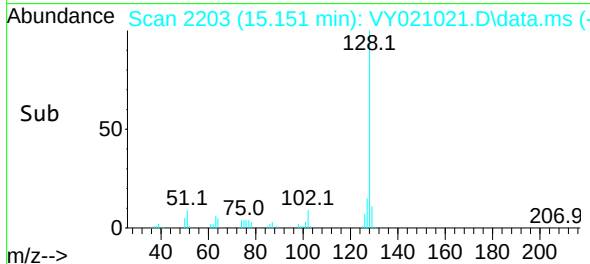
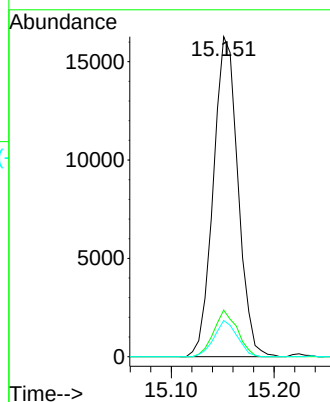
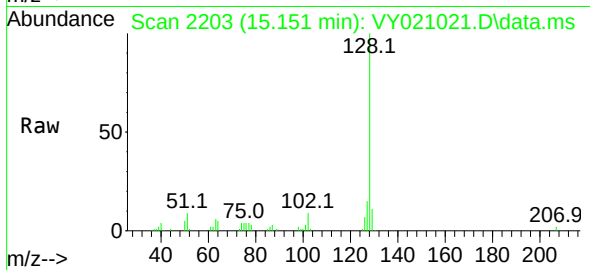
Tgt Ion:128 Resp: 27103

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 8.729 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Tgt Ion:180 Resp: 14804

Ion Ratio Lower Upper

180 100

182 96.2 47.7 143.1

145 31.4 15.6 46.7

