

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022425\
 Data File : VY021302.D
 Acq On : 24 Feb 2025 15:52
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 25 01:22:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022425S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 25 01:17:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	144417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	227080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	197822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	99363	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	28998	18.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	37.780%#
35) Dibromofluoromethane	7.634	113	27379	18.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	37.740%#
50) Toluene-d8	10.103	98	97416	18.324	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	36.640%#
62) 4-Bromofluorobenzene	12.408	95	34176	18.614	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	37.220%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	19660	20.197	ug/l	98
3) Chloromethane	2.068	50	18723	14.988	ug/l	95
4) Vinyl Chloride	2.202	62	21104	16.516	ug/l	95
5) Bromomethane	2.586	94	13755	15.784	ug/l	96
6) Chloroethane	2.726	64	15036	17.252	ug/l	99
7) Trichlorofluoromethane	3.050	101	38751	18.214	ug/l	99
8) Diethyl Ether	3.458	74	12402	18.856	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	24840	19.406	ug/l	99
10) Methyl Iodide	3.994	142	18351	15.236	ug/l	99
11) Tert butyl alcohol	4.848	59	14377	111.453	ug/l	96
12) 1,1-Dichloroethene	3.781	96	19012	17.522	ug/l	98
13) Acrolein	3.653	56	8798	99.846	ug/l	94
14) Allyl chloride	4.379	41	35441	17.658	ug/l	100
15) Acrylonitrile	5.055	53	31939	101.691	ug/l	99
16) Acetone	3.860	43	26147	90.978	ug/l	96
17) Carbon Disulfide	4.110	76	26181	10.317	ug/l	98
18) Methyl Acetate	4.385	43	16031	18.529	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	69351	20.165	ug/l	100
20) Methylene Chloride	4.616	84	25784	18.375	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	19876	16.732	ug/l	99
22) Diisopropyl ether	6.012	45	95654	20.189	ug/l	96
23) Vinyl Acetate	5.958	43	255881	96.831	ug/l	99
24) 1,1-Dichloroethane	5.909	63	50106	19.370	ug/l	99
25) 2-Butanone	6.896	43	43201	98.001	ug/l	96
26) 2,2-Dichloropropane	6.884	77	47364	19.606	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	29031	18.716	ug/l	98
28) Bromochloromethane	7.244	49	20740	17.744	ug/l	99
29) Tetrahydrofuran	7.262	42	26872	97.807	ug/l	99
30) Chloroform	7.415	83	54469	19.987	ug/l	99
31) Cyclohexane	7.701	56	31432	15.755	ug/l #	91
32) 1,1,1-Trichloroethane	7.610	97	47325	19.456	ug/l	100
36) 1,1-Dichloropropene	7.835	75	30846	17.575	ug/l	99
37) Ethyl Acetate	6.982	43	19229	19.499	ug/l	98
38) Carbon Tetrachloride	7.817	117	41320	19.036	ug/l	94
39) Methylcyclohexane	9.109	83	31608	15.562	ug/l	97
40) Benzene	8.073	78	99460	18.240	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	10808	20.590	ug/l	96
42) 1,2-Dichloroethane	8.158	62	31433	18.877	ug/l	99
43) Isopropyl Acetate	8.195	43	39542	19.911	ug/l	100
44) Trichloroethene	8.866	130	24730	18.138	ug/l	99
45) 1,2-Dichloropropane	9.140	63	27694	19.483	ug/l	100
46) Dibromomethane	9.231	93	14615	18.794	ug/l	99
47) Bromodichloromethane	9.420	83	42857	19.816	ug/l	99
48) Methyl methacrylate	9.225	41	17084	18.931	ug/l	95
49) 1,4-Dioxane	9.231	88	3815	431.063	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	107496	101.830	ug/l	98
52) Toluene	10.170	92	64569	18.565	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	36992	19.022	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	41695	18.885	ug/l	96
55) 1,1,2-Trichloroethane	10.566	97	21858	20.229	ug/l	97
56) Ethyl methacrylate	10.438	69	27032	19.153	ug/l	99
57) 1,3-Dichloropropane	10.713	76	35885	19.610	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	68048	96.221	ug/l	100
59) 2-Hexanone	10.762	43	69121	99.891	ug/l	100
60) Dibromochloromethane	10.908	129	30244	20.512	ug/l	100
61) 1,2-Dibromoethane	11.012	107	18412	19.125	ug/l	100
64) Tetrachloroethene	10.646	164	22191	18.016	ug/l	98
65) Chlorobenzene	11.438	112	75985	19.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	30368	20.674	ug/l	98
67) Ethyl Benzene	11.518	91	131074	19.061	ug/l	100
68) m/p-Xylenes	11.627	106	96666	37.908	ug/l	99
69) o-Xylene	11.950	106	47178	19.233	ug/l	99
70) Styrene	11.969	104	82834	19.910	ug/l	99
71) Bromoform	12.133	173	17945	20.953	ug/l #	98
73) Isopropylbenzene	12.255	105	132119	19.685	ug/l	100
74) N-amyl acetate	12.066	43	35893	20.240	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	26439	20.916	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	18817m	20.453	ug/l	
77) Bromobenzene	12.530	156	31181	19.585	ug/l	99
78) n-propylbenzene	12.597	91	162063	19.876	ug/l	100
79) 2-Chlorotoluene	12.676	91	92809	19.787	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	110221	19.963	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	8670	20.497	ug/l	97
82) 4-Chlorotoluene	12.779	91	96383	19.757	ug/l	99
83) tert-Butylbenzene	12.999	119	105345	20.506	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	112902	20.293	ug/l	99
85) sec-Butylbenzene	13.176	105	148605	20.066	ug/l	99
86) p-Isopropyltoluene	13.292	119	126076	20.343	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	64982	20.044	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	64444	20.154	ug/l	98
89) n-Butylbenzene	13.615	91	119362	20.200	ug/l	100
90) Hexachloroethane	13.883	117	26883	20.232	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	58385	20.418	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4271	20.617	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	34098	19.924	ug/l	98
94) Hexachlorobutadiene	15.023	225	22663	20.266	ug/l	100
95) Naphthalene	15.145	128	55286	19.483	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	28942	19.698	ug/l	99

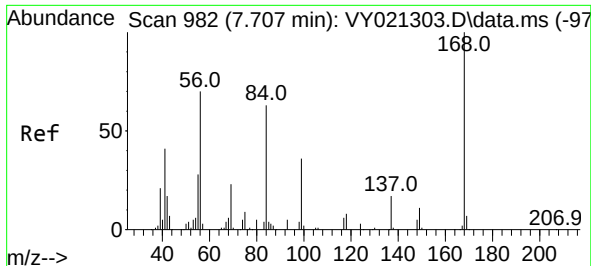
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Response via : Initial Calibration

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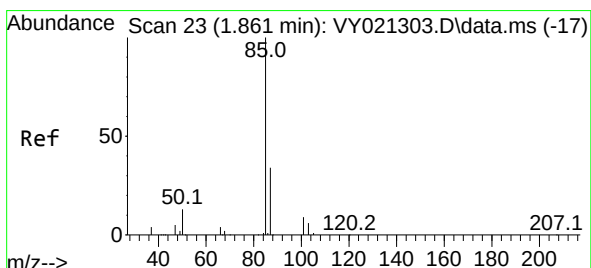
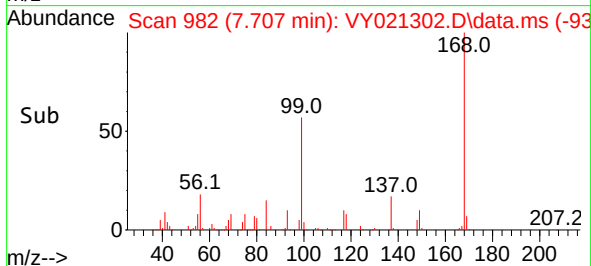
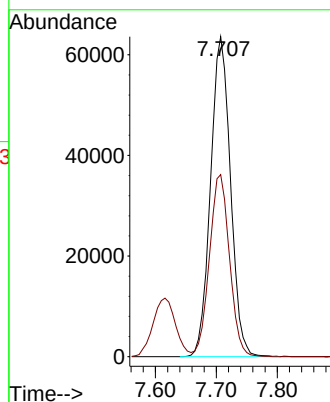
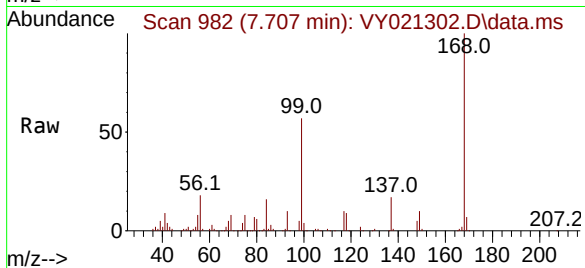
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

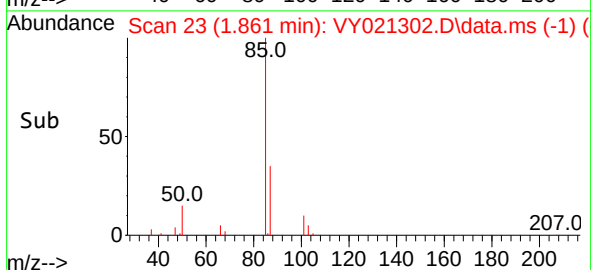
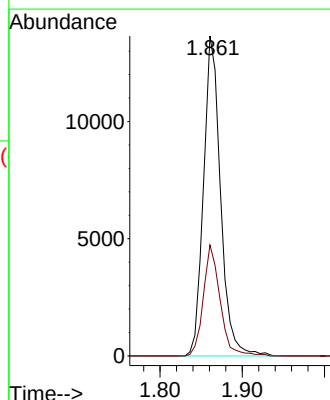
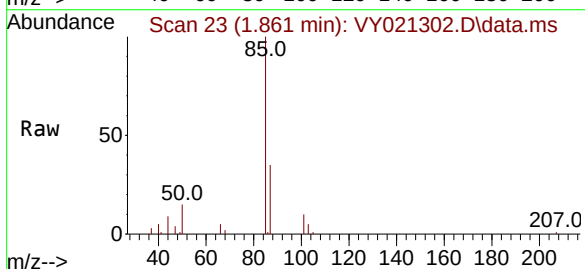
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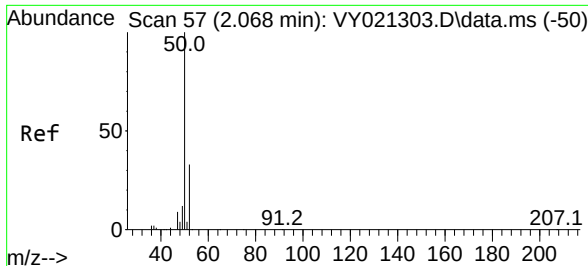
Tgt Ion:168 Resp: 144417
Ion Ratio Lower Upper
168 100
99 56.9 45.0 67.6



#2
Dichlorodifluoromethane
Concen: 20.197 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 85 Resp: 19660
Ion Ratio Lower Upper
85 100
87 34.7 16.9 50.7

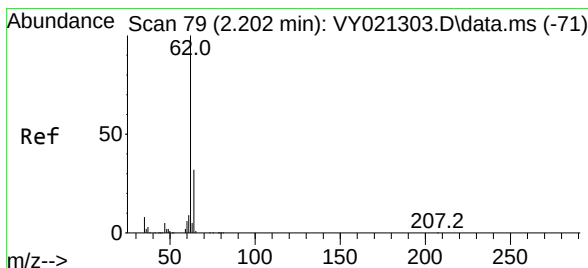
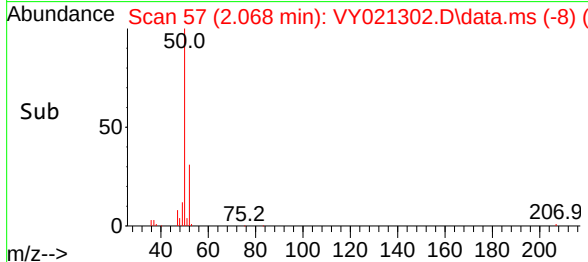
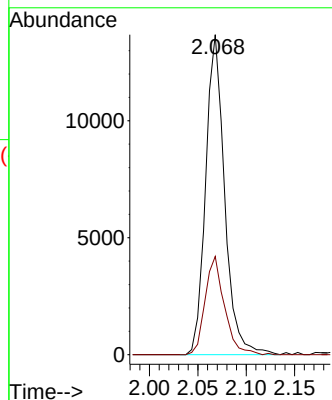
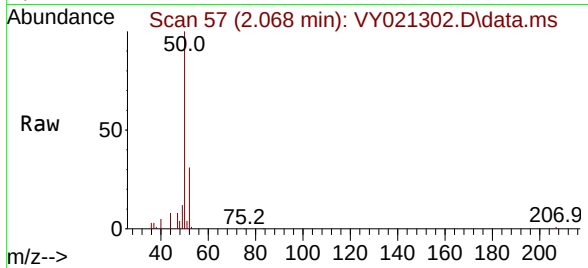




#3
Chloromethane
Concen: 14.988 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

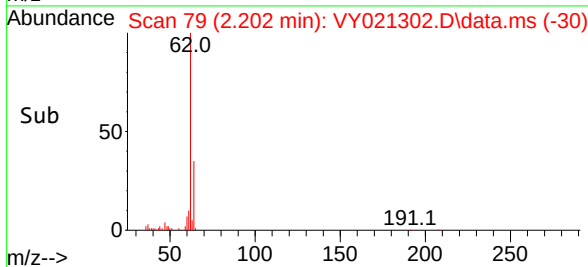
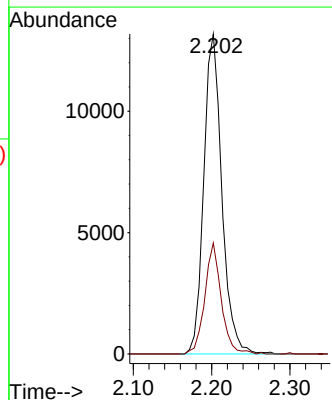
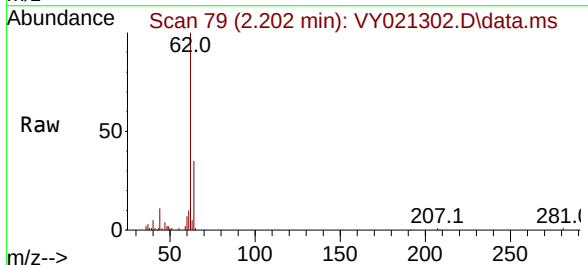
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ClientSampleId :
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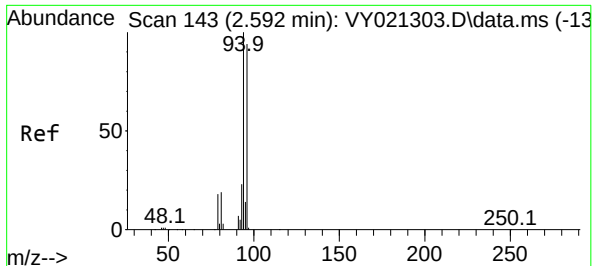
Tgt Ion: 50 Resp: 18723
Ion Ratio Lower Upper
50 100
52 30.7 26.6 40.0



#4
Vinyl Chloride
Concen: 16.516 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 62 Resp: 21104
Ion Ratio Lower Upper
62 100
64 34.7 25.4 38.0

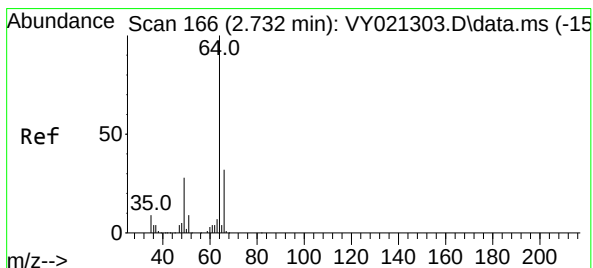
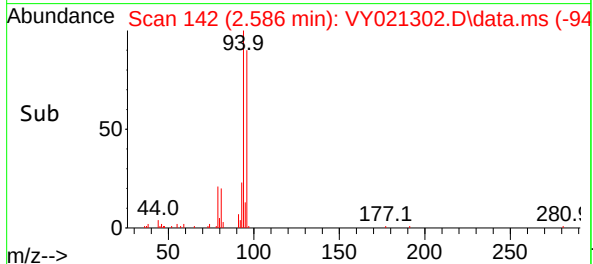
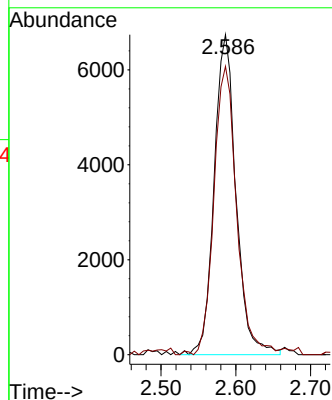
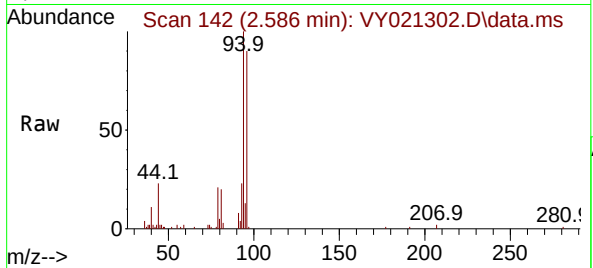




#5
Bromomethane
Concen: 15.784 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

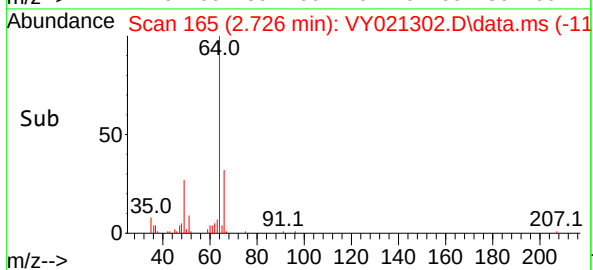
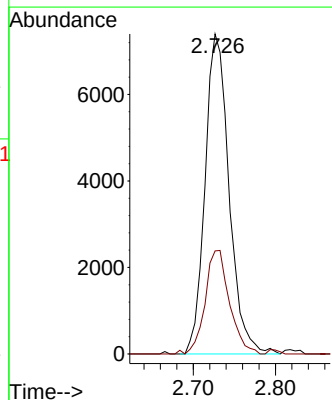
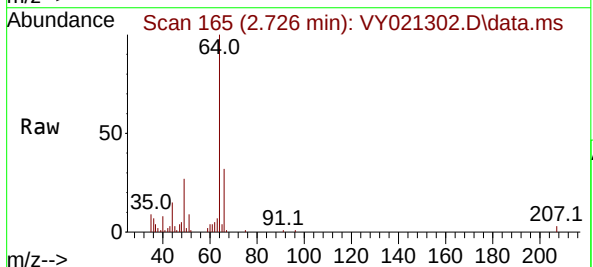
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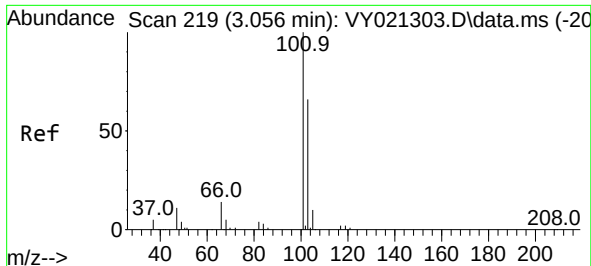
Tgt Ion: 94 Resp: 13755
Ion Ratio Lower Upper
94 100
96 90.1 75.2 112.8



#6
Chloroethane
Concen: 17.252 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 64 Resp: 15036
Ion Ratio Lower Upper
64 100
66 31.5 25.8 38.6

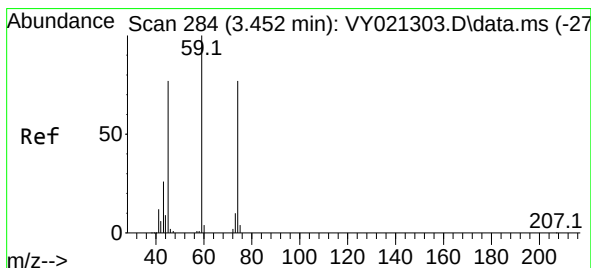
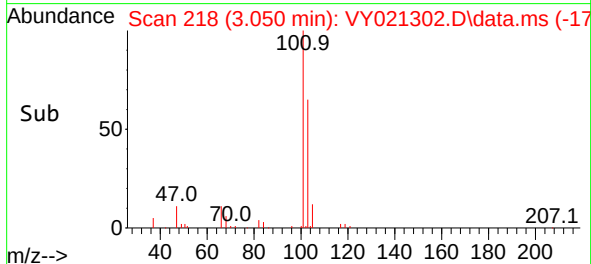
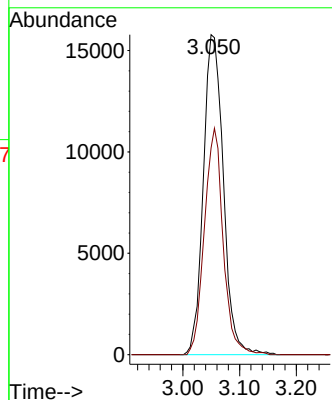
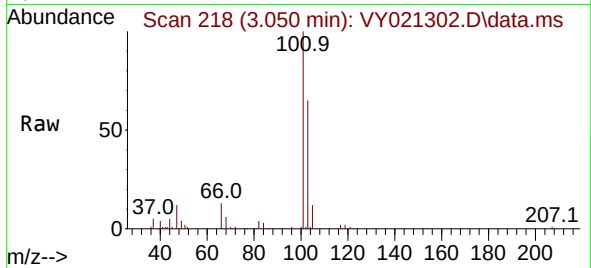




#7
 Trichlorofluoromethane
 Concen: 18.214 ug/l
 RT: 3.050 min Scan# 219
 Delta R.T. -0.006 min
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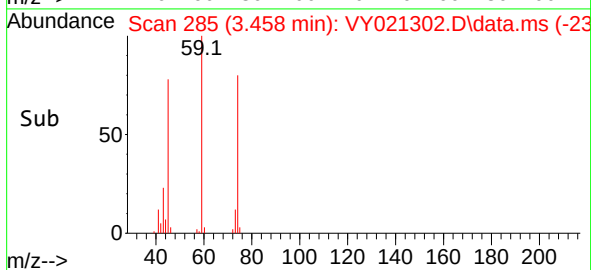
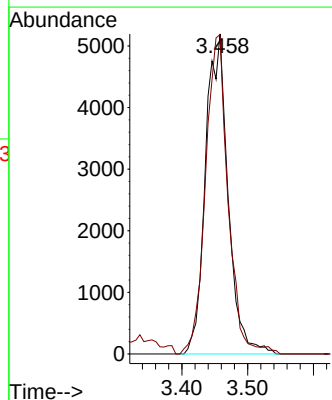
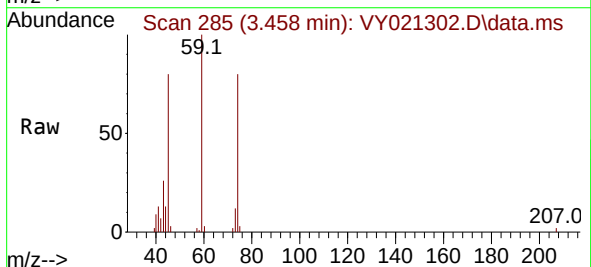
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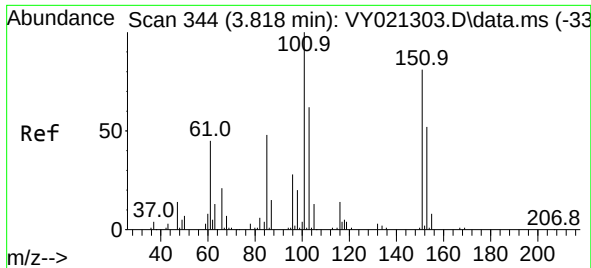
Tgt Ion:101 Resp: 38751
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.5 78.7



#8
 Diethyl Ether
 Concen: 18.856 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021302.D
 Acq: 24 Feb 2025 15:52

Tgt Ion: 74 Resp: 12402
 Ion Ratio Lower Upper
 74 100
 45 99.5 50.9 152.8

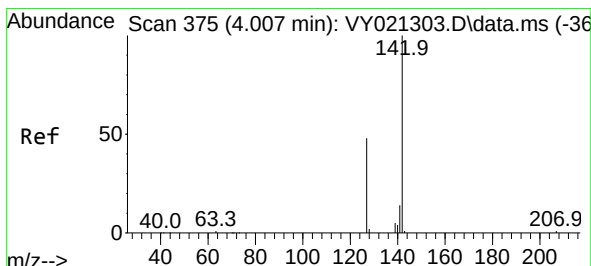
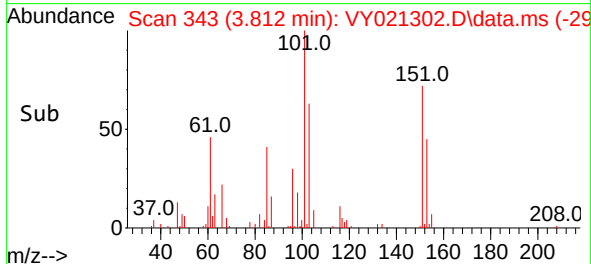
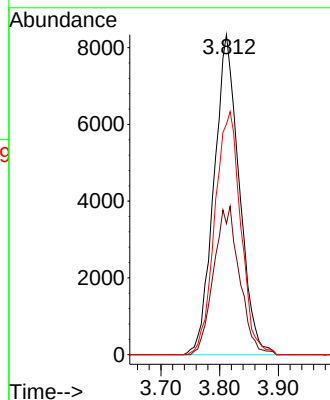
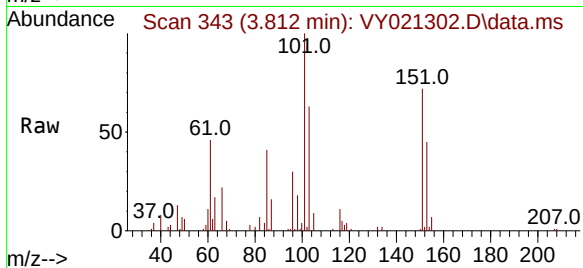




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.406 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
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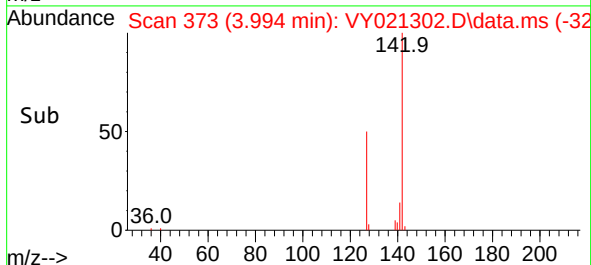
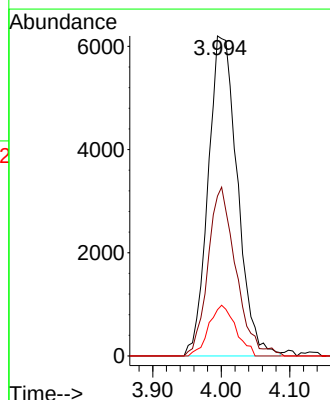
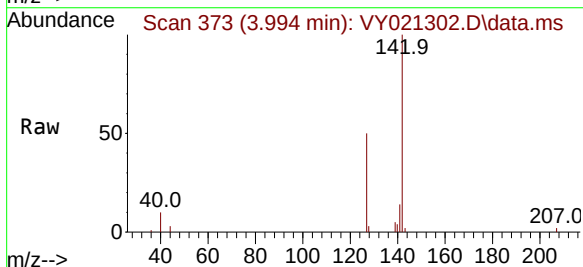
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ClientSampleId :
VSTDIC020

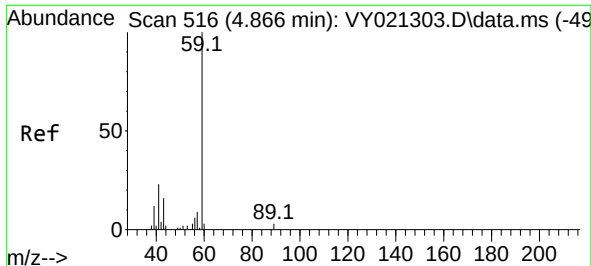
Tgt Ion:101 Resp: 24840
Ion Ratio Lower Upper
101 100
85 47.6 38.6 57.8
151 78.3 63.0 94.6



#10
Methyl Iodide
Concen: 15.236 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.013 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion:142 Resp: 18351
Ion Ratio Lower Upper
142 100
127 50.5 39.9 59.9
141 14.6 11.8 17.6

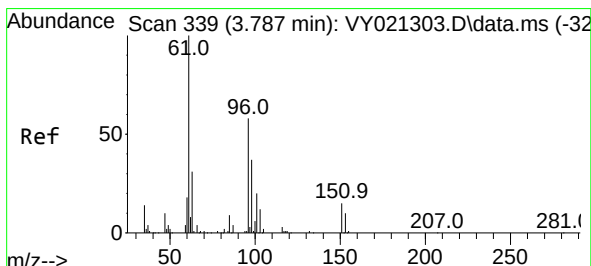
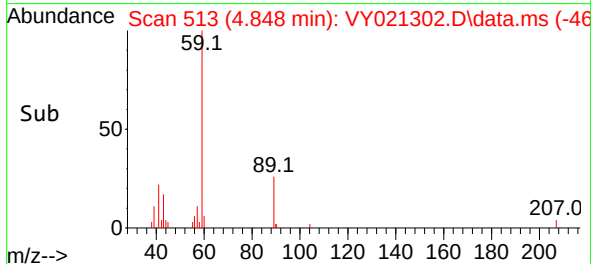
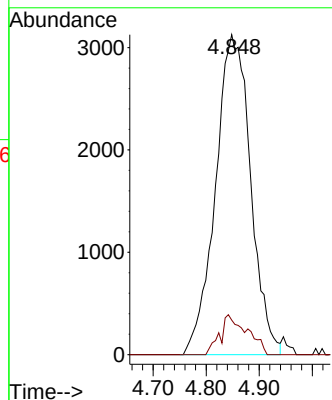
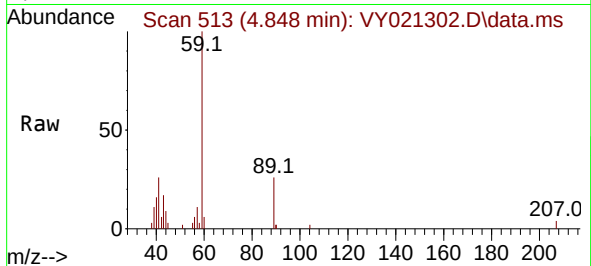




#11
Tert butyl alcohol
Concen: 111.453 ug/l
RT: 4.848 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

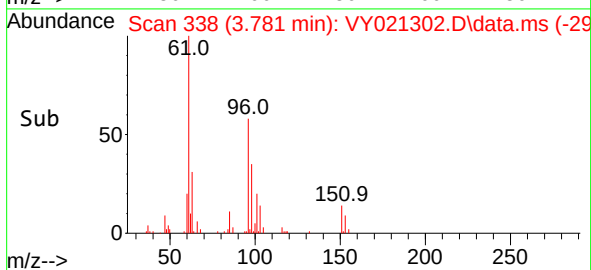
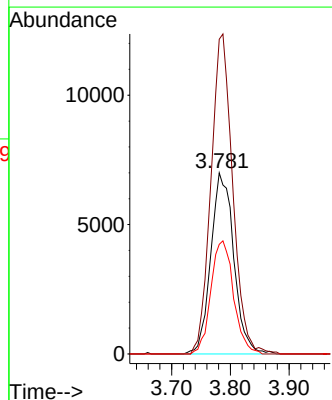
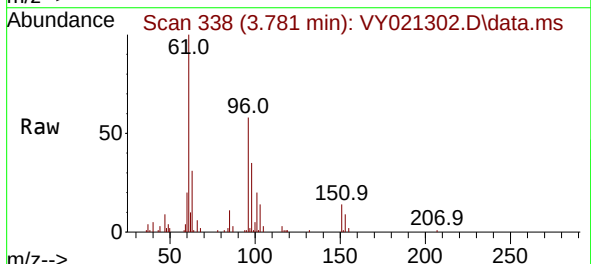
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

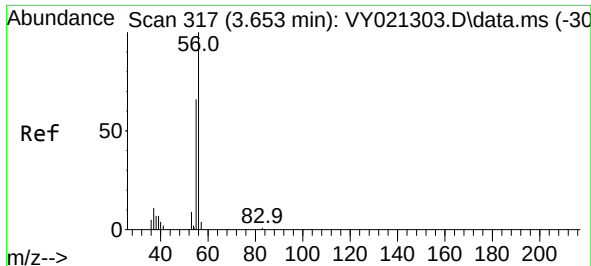
Tgt Ion: 59 Resp: 14377
Ion Ratio Lower Upper
59 100
57 9.6 9.0 13.4



#12
1,1-Dichloroethene
Concen: 17.522 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 96 Resp: 19012
Ion Ratio Lower Upper
96 100
61 173.8 137.8 206.6
98 60.5 50.8 76.2





#13

Acrolein

Concen: 99.846 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

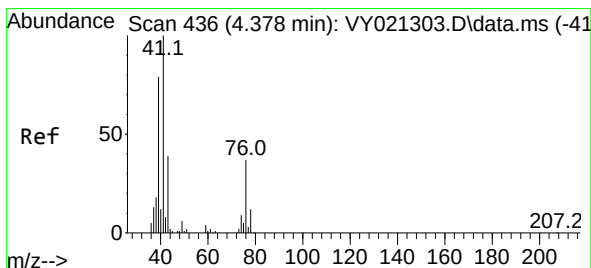
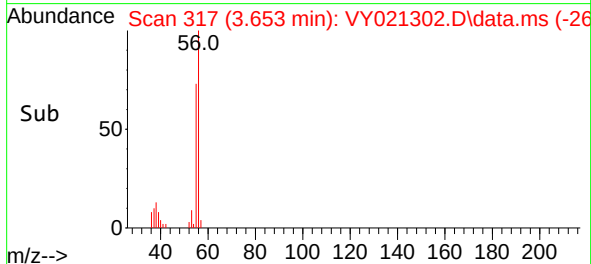
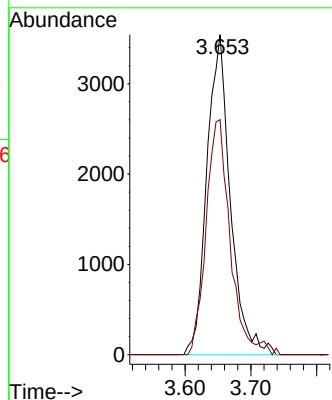
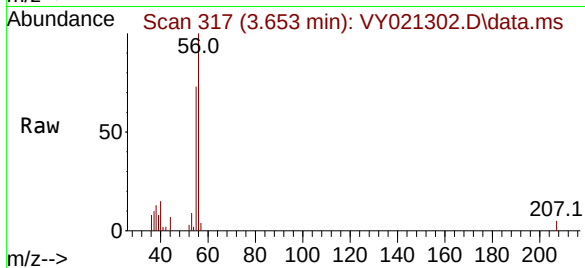
VSTDICC020

Tgt Ion: 56 Resp: 8798

Ion Ratio Lower Upper

56 100

55 73.7 54.8 82.2



#14

Allyl chloride

Concen: 17.658 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

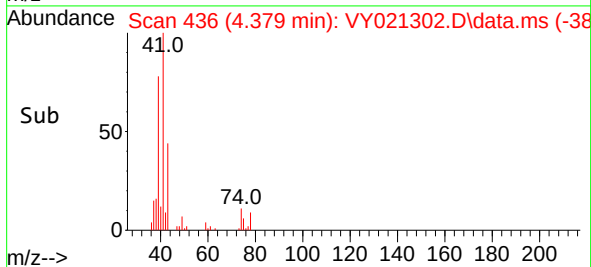
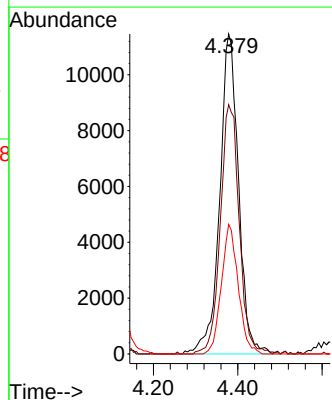
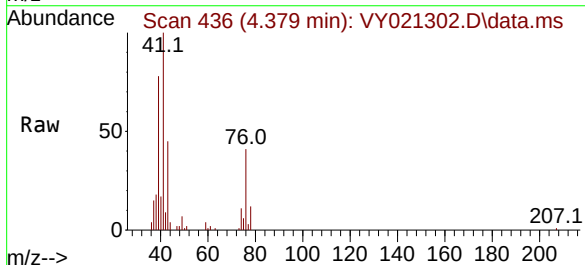
Tgt Ion: 41 Resp: 35441

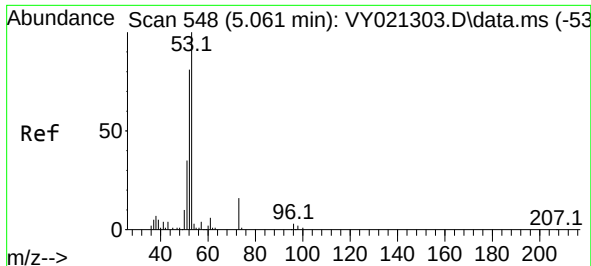
Ion Ratio Lower Upper

41 100

39 77.9 62.5 93.7

76 36.2 28.6 42.8

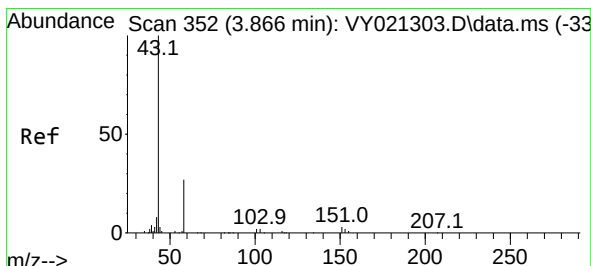
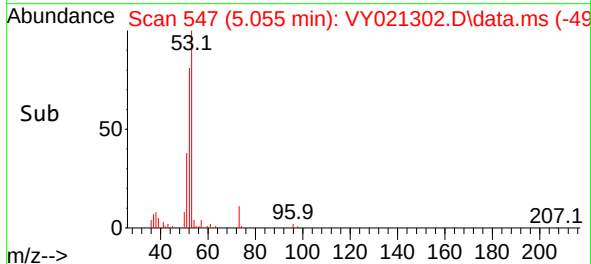
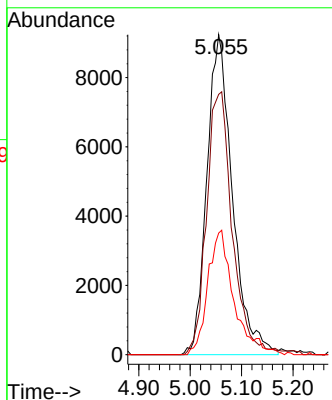
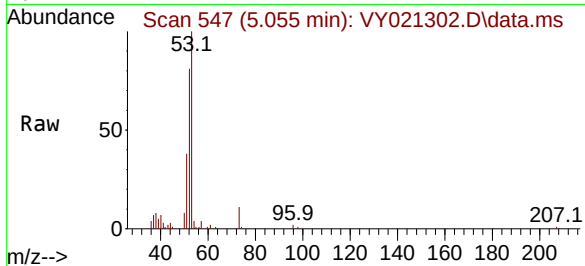




#15
Acrylonitrile
Concen: 101.691 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

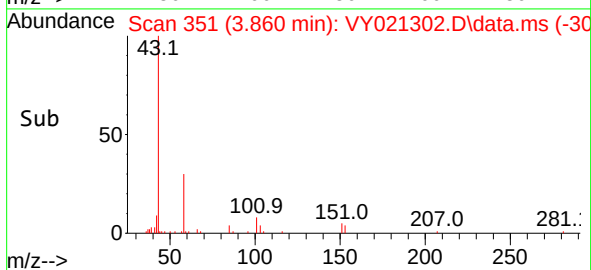
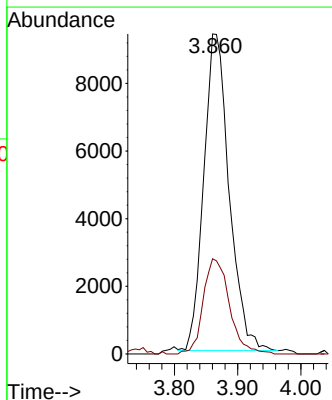
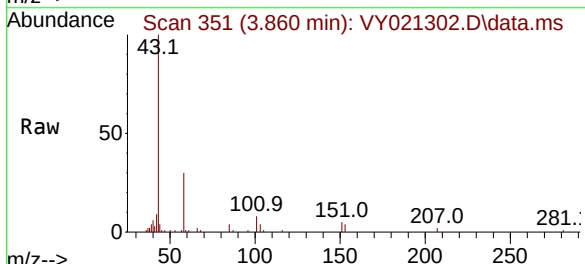
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

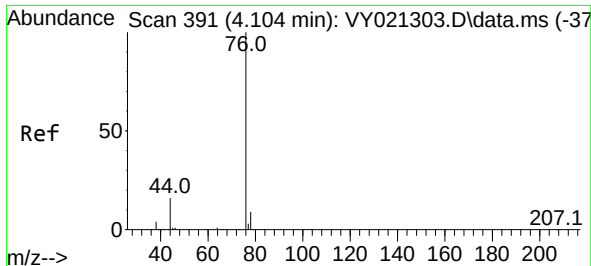
Tgt Ion: 53	Resp: 31939
Ion Ratio	Lower Upper
53 100	
52 82.5	65.5 98.3
51 39.6	30.4 45.6



#16
Acetone
Concen: 90.978 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 43	Resp: 26147
Ion Ratio	Lower Upper
43 100	
58 30.1	22.3 33.5

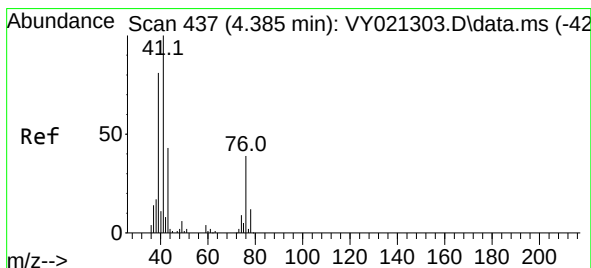
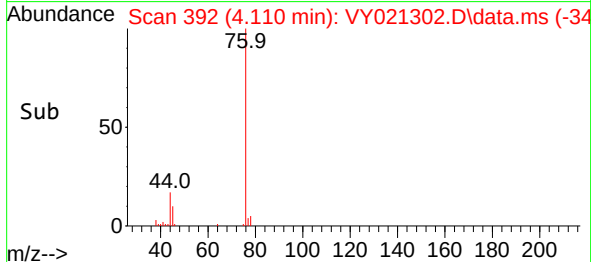
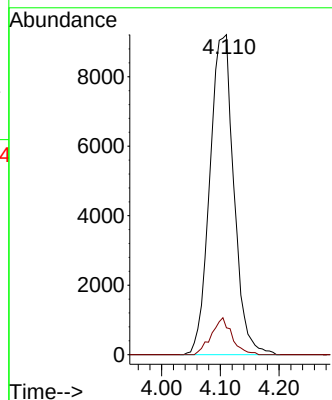
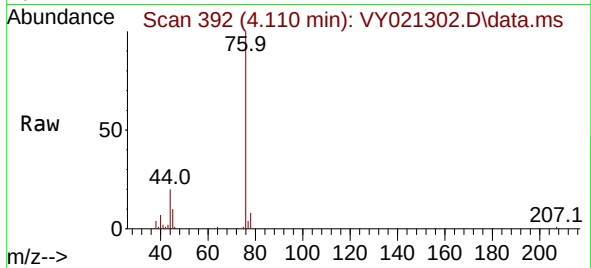




#17
Carbon Disulfide
Concen: 10.317 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

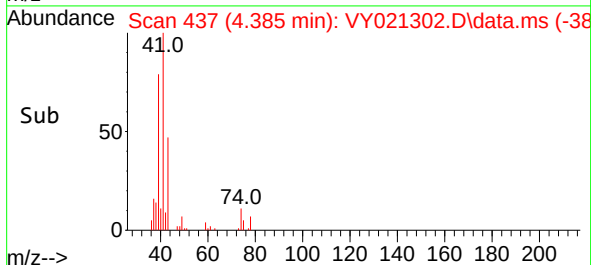
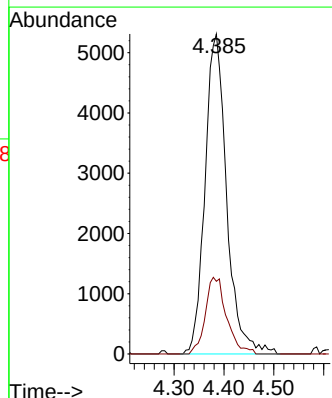
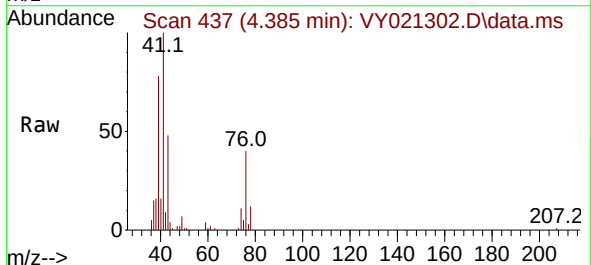
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

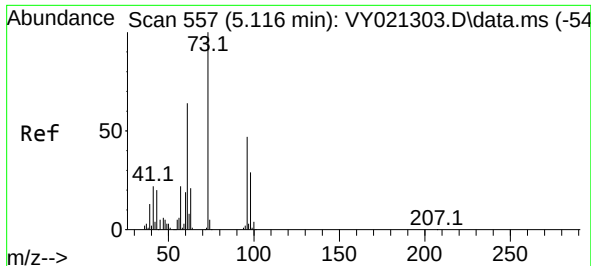
Tgt Ion: 76 Resp: 26181
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#18
Methyl Acetate
Concen: 18.529 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 43 Resp: 16031
Ion Ratio Lower Upper
43 100
74 23.5 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 20.165 ug/l

RT: 5.110 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

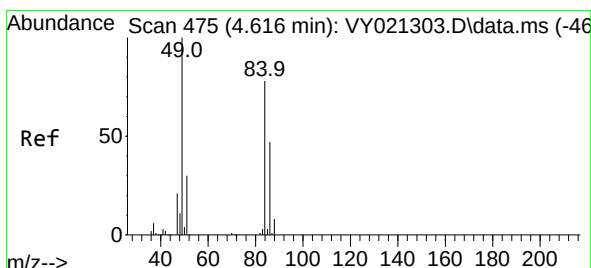
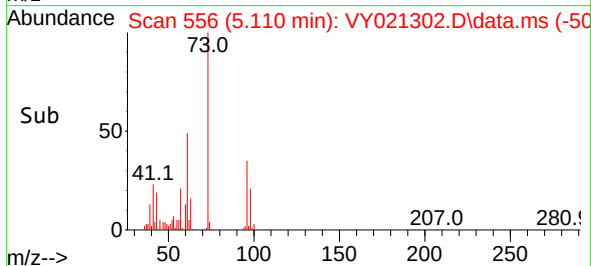
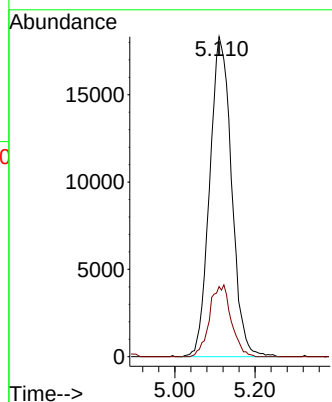
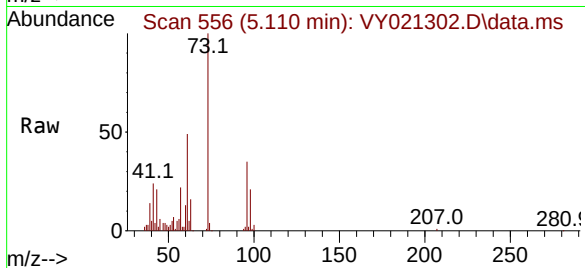
VSTDICC020

Tgt Ion: 73 Resp: 69351

Ion Ratio Lower Upper

73 100

57 21.9 17.4 26.0



#20

Methylene Chloride

Concen: 18.375 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Tgt Ion: 84 Resp: 25784

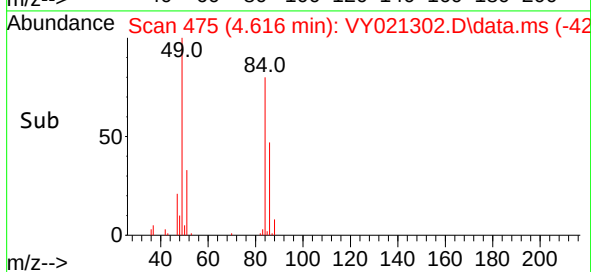
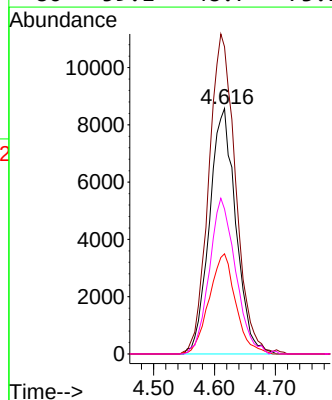
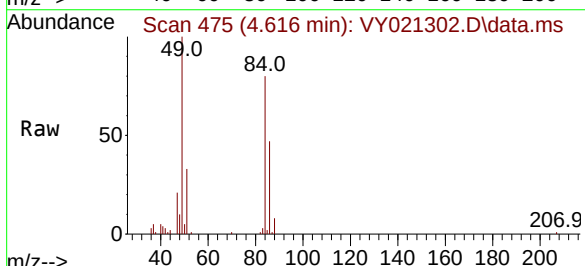
Ion Ratio Lower Upper

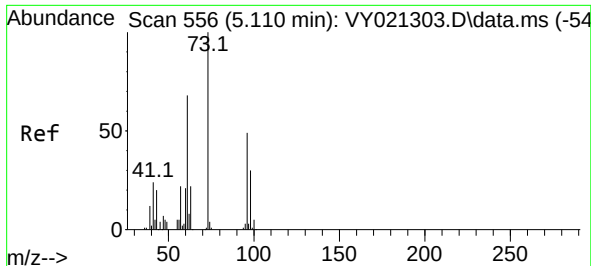
84 100

49 125.2 102.6 154.0

51 40.8 31.0 46.6

86 59.1 48.7 73.1

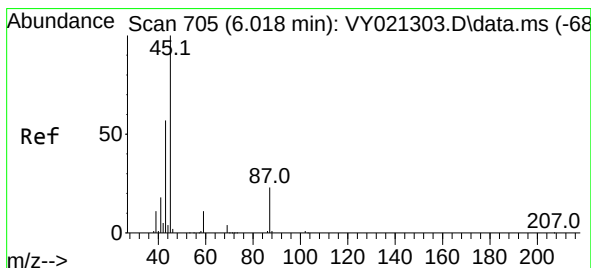
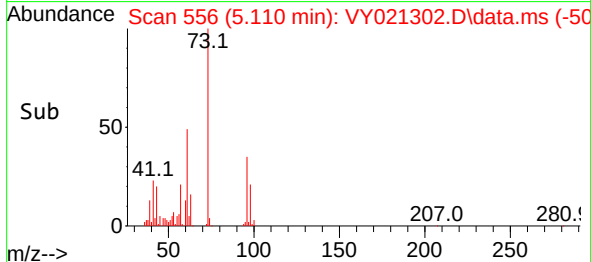
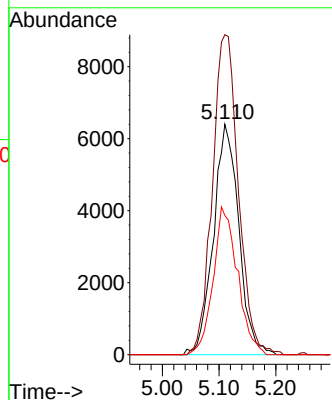
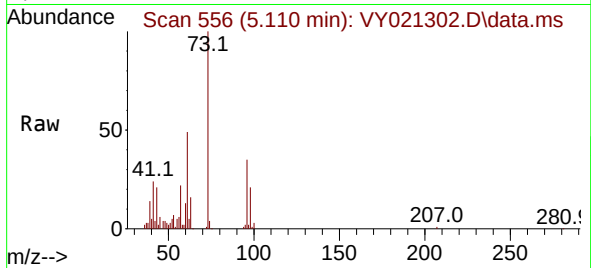




#21
trans-1,2-Dichloroethene
Concen: 16.732 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

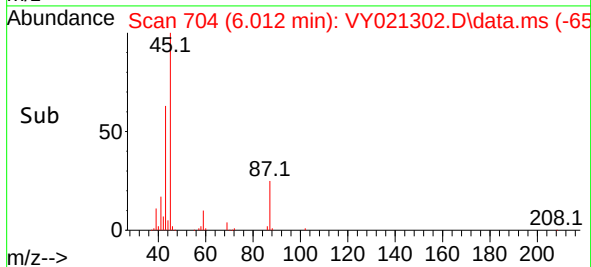
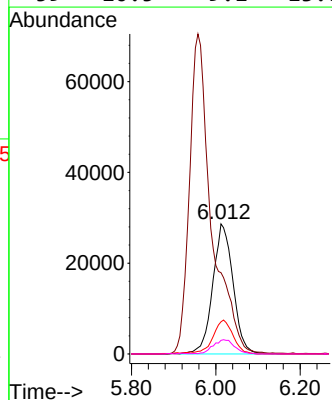
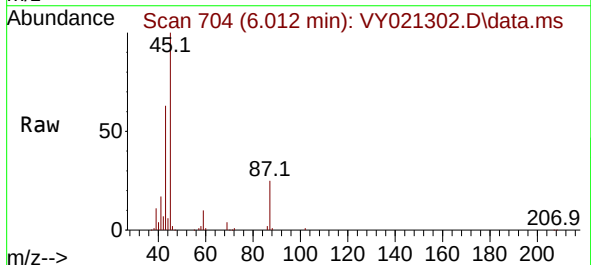
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

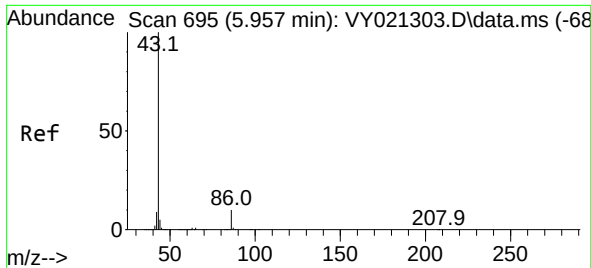
Tgt Ion: 96 Resp: 19876
Ion Ratio Lower Upper
96 100
61 138.9 111.7 167.5
98 60.4 49.3 73.9



#22
Diisopropyl ether
Concen: 20.189 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 45 Resp: 95654
Ion Ratio Lower Upper
45 100
43 61.9 46.4 69.6
87 24.8 19.2 28.8
59 10.5 9.1 13.7

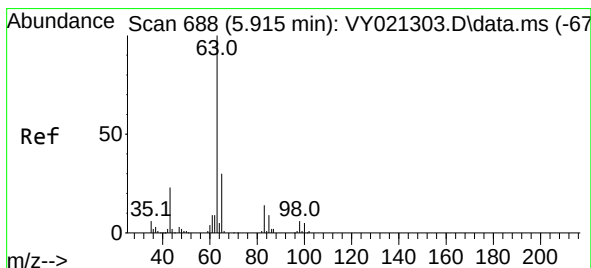
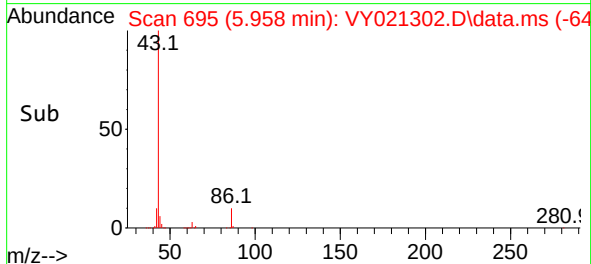
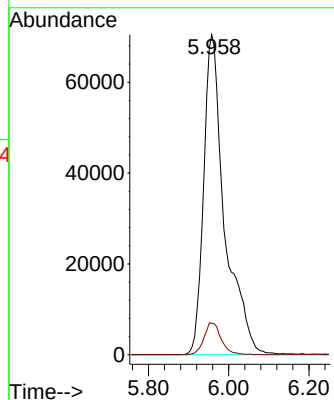
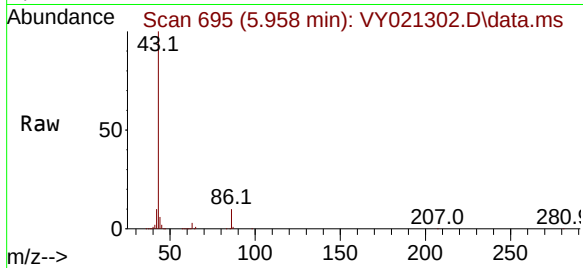




#23
 Vinyl Acetate
 Concen: 96.831 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021302.D
 Acq: 24 Feb 2025 15:52

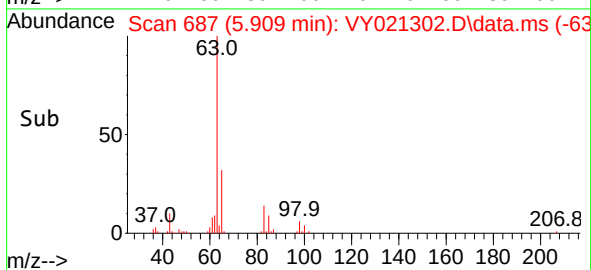
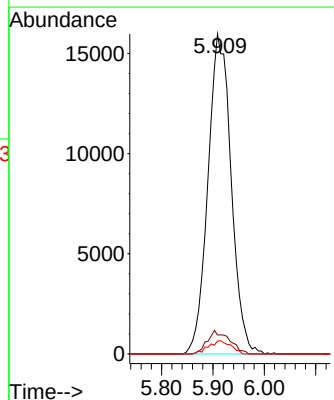
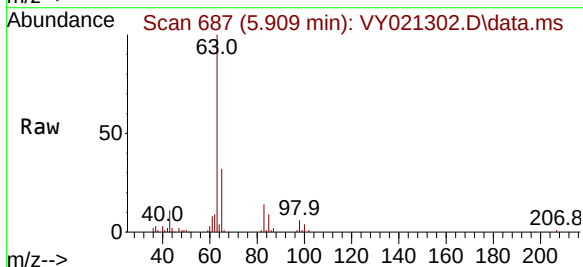
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

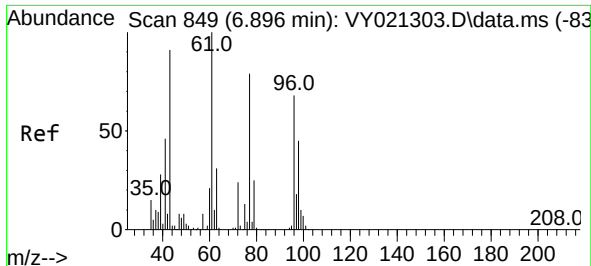
Tgt Ion: 43 Resp: 255881
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 19.370 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY021302.D
 Acq: 24 Feb 2025 15:52

Tgt Ion: 63 Resp: 50106
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.0 9.2
 100 4.1 2.3 6.9

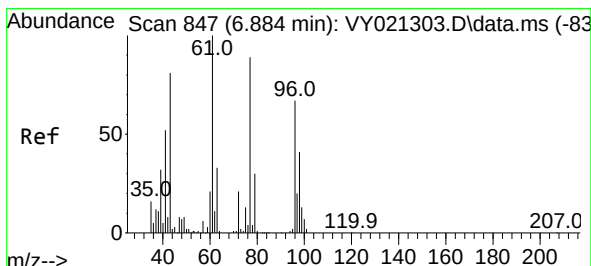
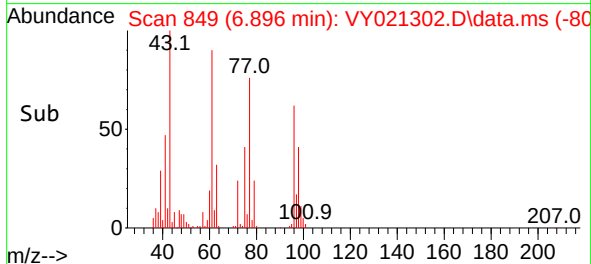
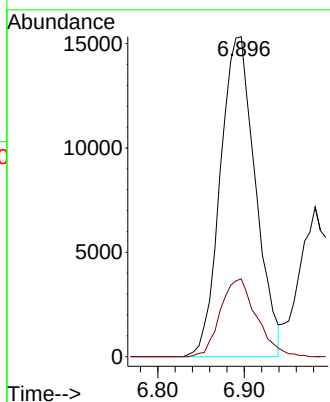
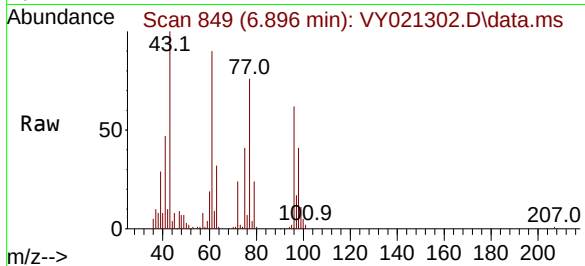




#25
2-Butanone
Concen: 98.001 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

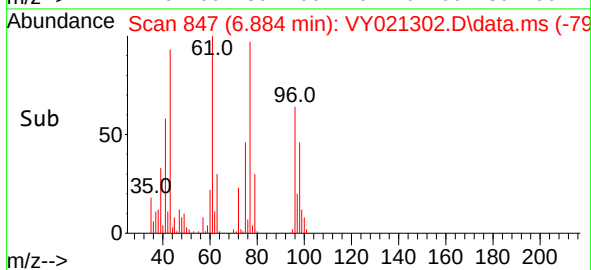
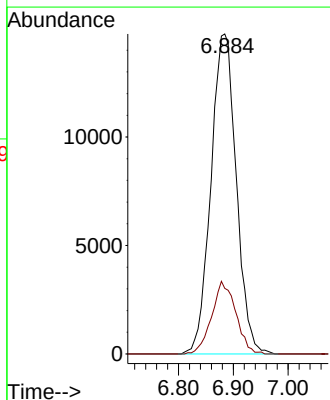
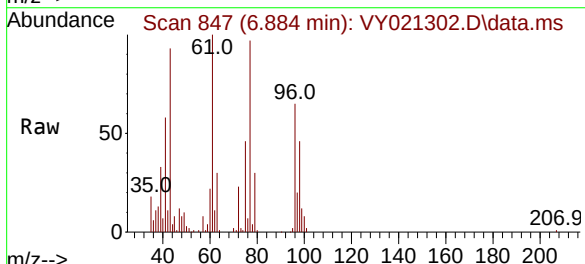
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

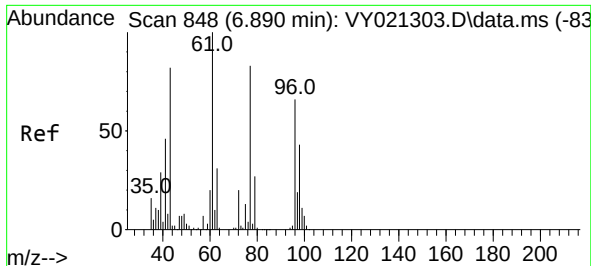
Tgt Ion: 43 Resp: 43201
Ion Ratio Lower Upper
43 100
72 24.3 20.9 31.3



#26
2,2-Dichloropropane
Concen: 19.606 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 77 Resp: 47364
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.7



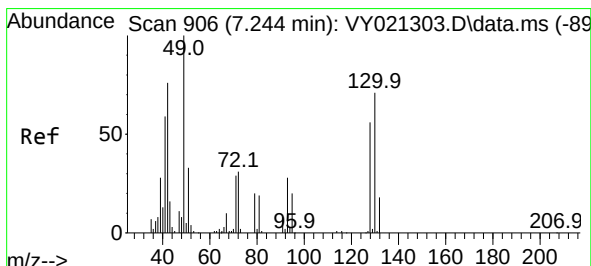
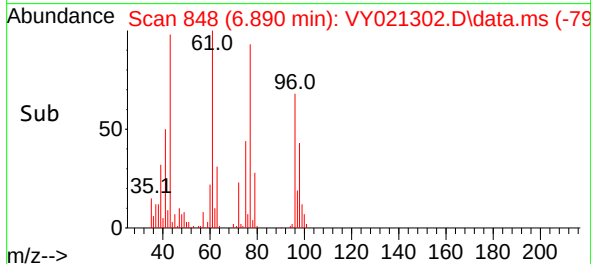
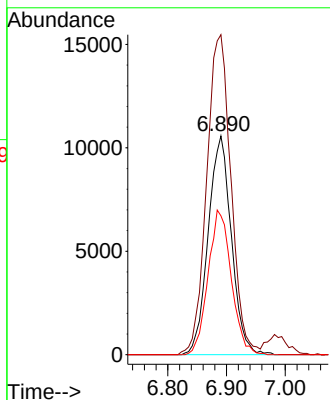
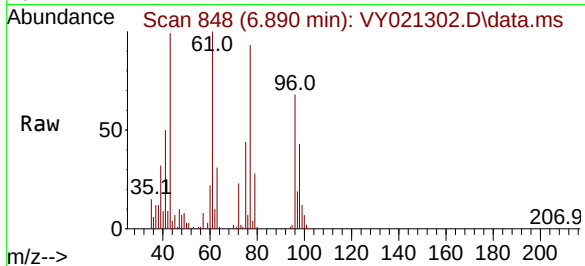


#27
 cis-1,2-Dichloroethene
 Concen: 18.716 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY021302.D
 Acq: 24 Feb 2025 15:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 29031

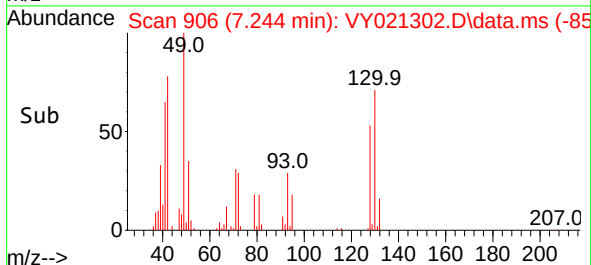
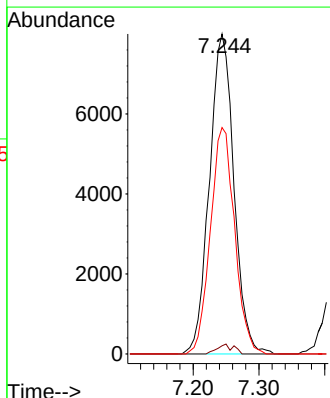
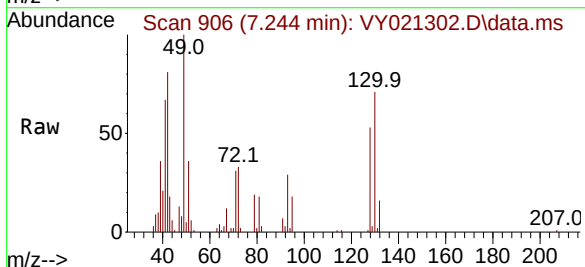
Ion	Ratio	Lower	Upper
96	100		
61	153.3	0.0	303.6
98	66.0	0.0	128.0

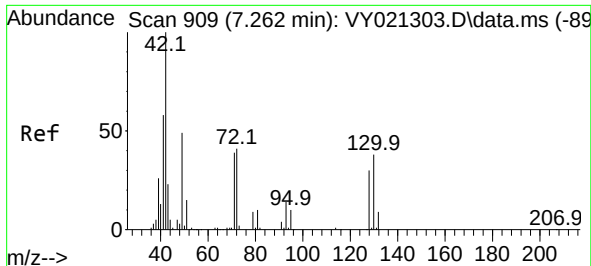


#28
 Bromochloromethane
 Concen: 17.744 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021302.D
 Acq: 24 Feb 2025 15:52

Tgt Ion: 49 Resp: 20740

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	70.0	56.8	85.2





#29

Tetrahydrofuran

Concen: 97.807 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

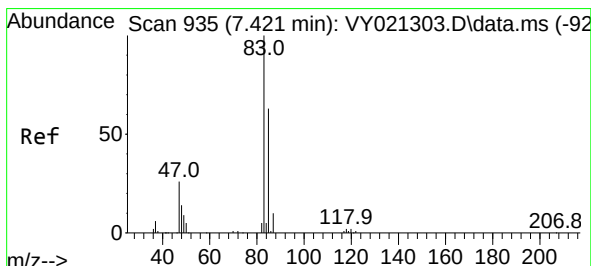
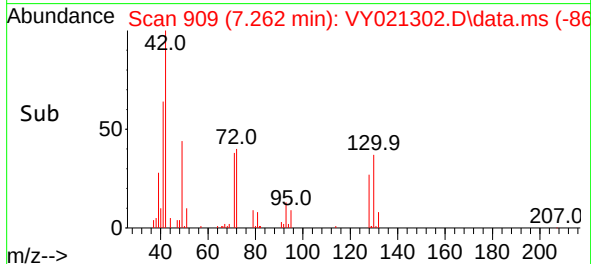
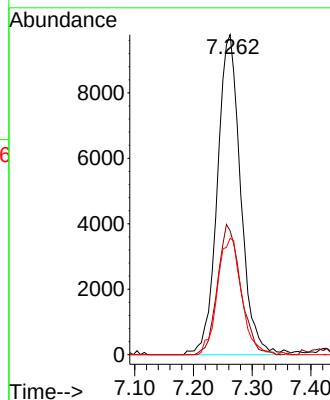
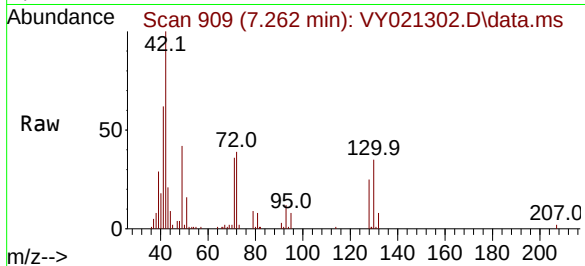
Tgt Ion: 42 Resp: 26872

Ion Ratio Lower Upper

42 100

72 40.4 32.6 48.8

71 37.8 29.9 44.9



#30

Chloroform

Concen: 19.987 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY021302.D

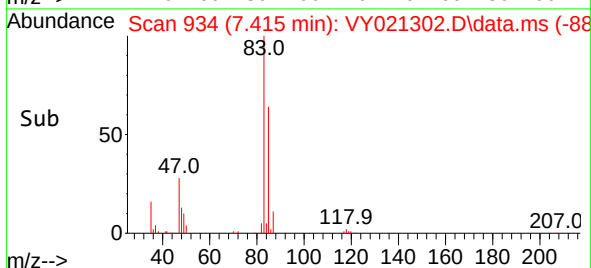
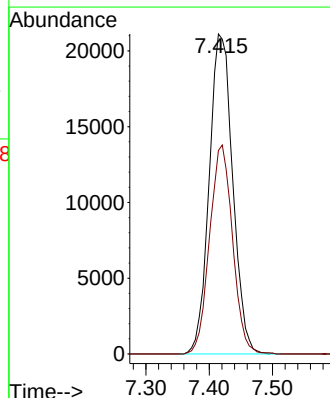
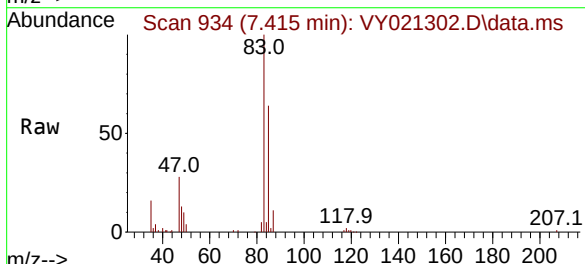
Acq: 24 Feb 2025 15:52

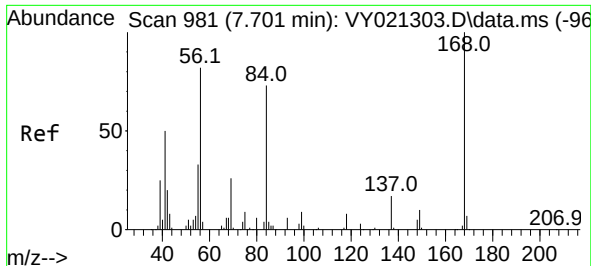
Tgt Ion: 83 Resp: 54469

Ion Ratio Lower Upper

83 100

85 63.6 50.1 75.1

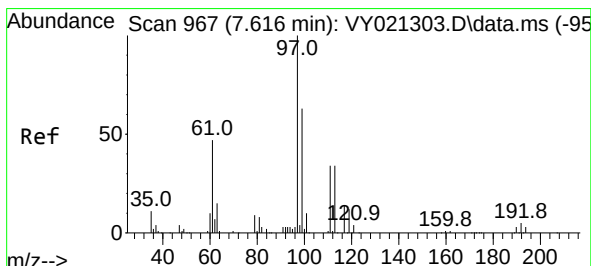
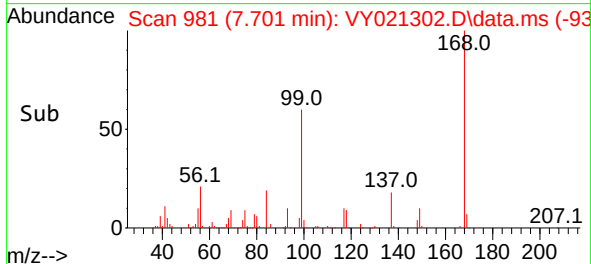
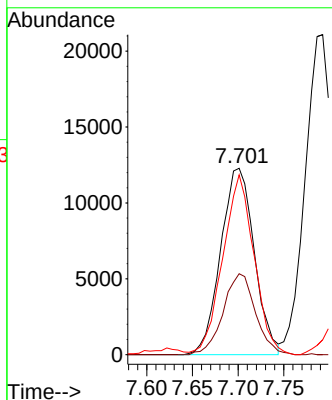
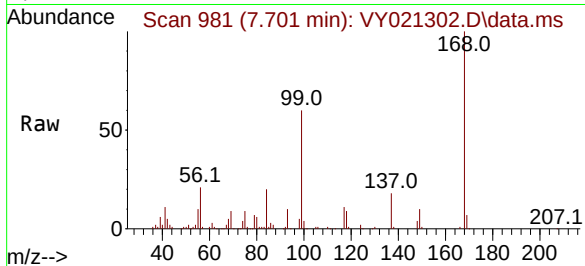




#31
Cyclohexane
Concen: 15.755 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

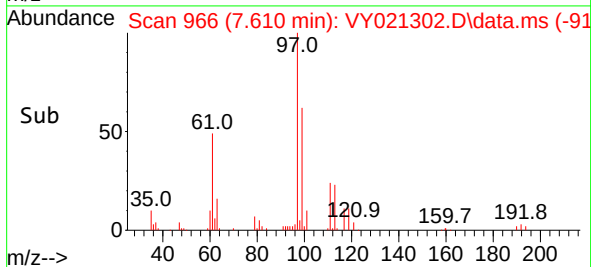
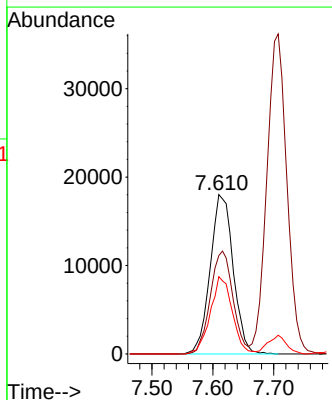
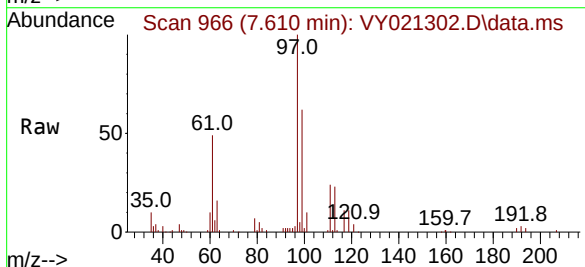
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

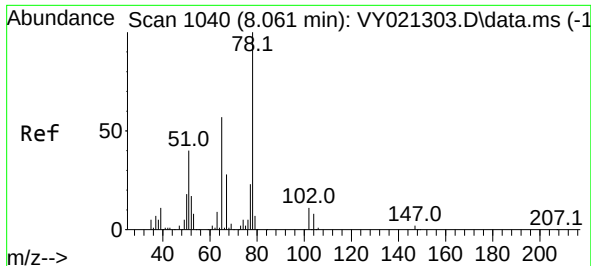
Tgt Ion: 56 Resp: 31432
Ion Ratio Lower Upper
56 100
69 43.4 25.8 38.6#
84 94.0 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 19.456 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 97 Resp: 47325
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 46.3 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 18.885 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

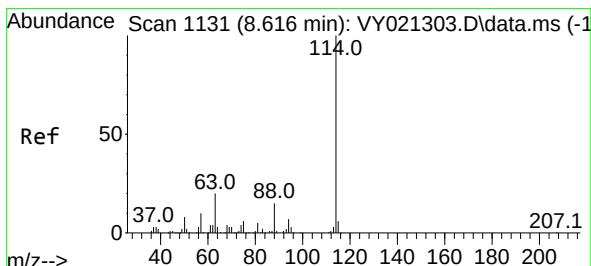
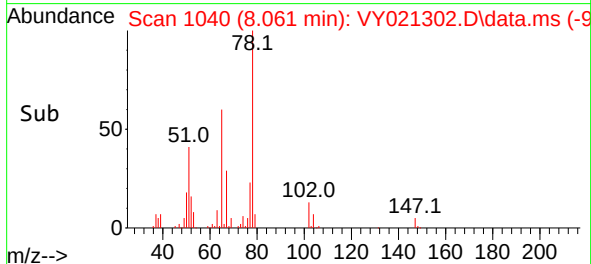
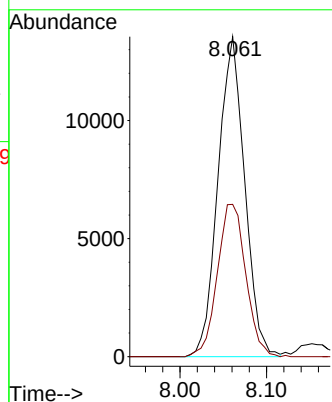
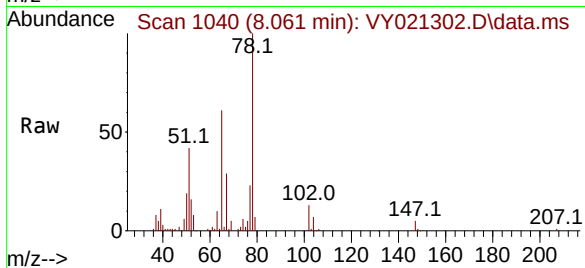
VSTDICC020

Tgt Ion: 65 Resp: 28998

Ion Ratio Lower Upper

65 100

67 50.9 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

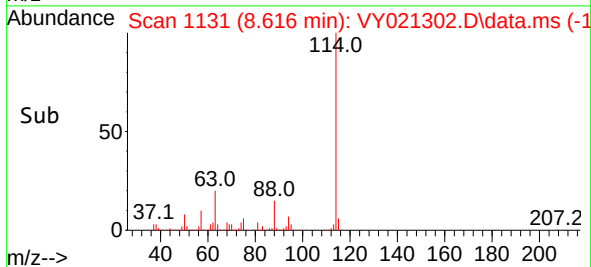
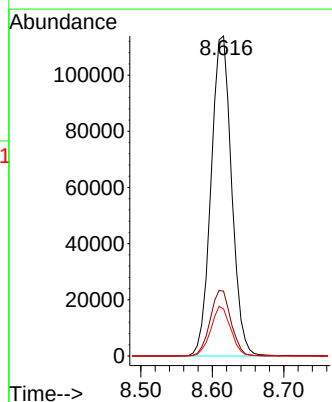
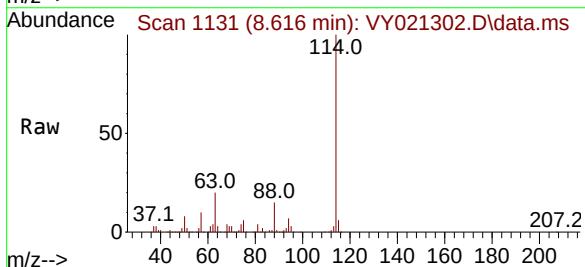
Tgt Ion: 114 Resp: 227080

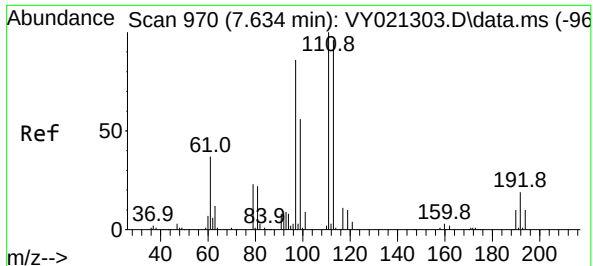
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.0

88 14.7 0.0 30.2

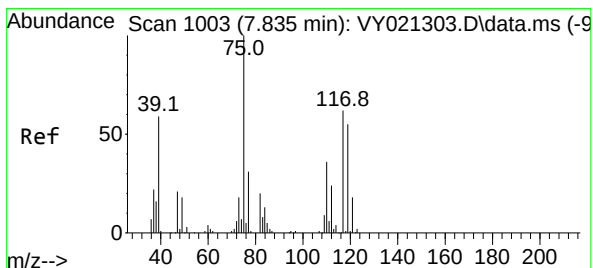
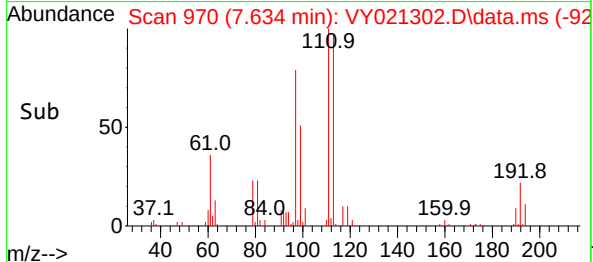
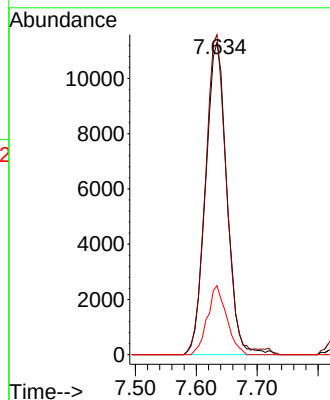
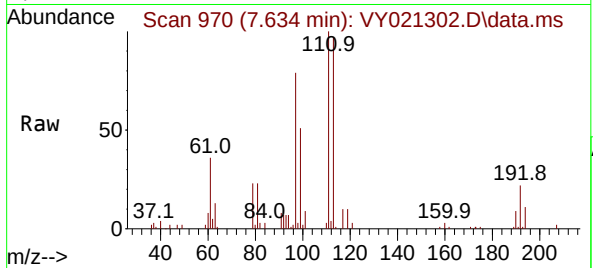




#35
Dibromofluoromethane
Concen: 18.865 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

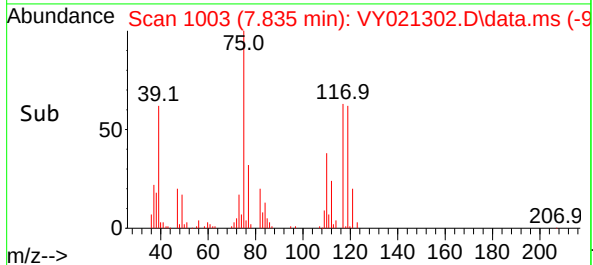
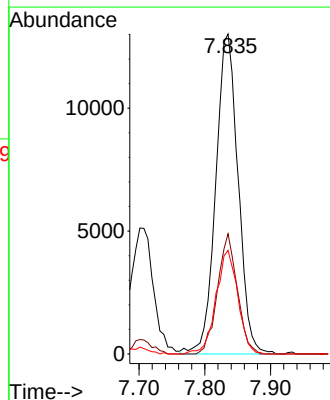
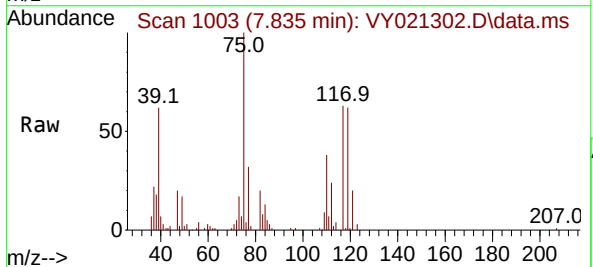
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

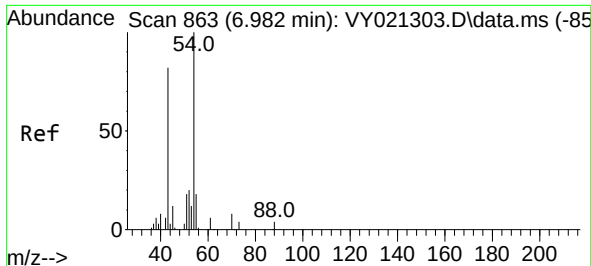
Tgt Ion:113 Resp: 27379
Ion Ratio Lower Upper
113 100
111 101.1 81.1 121.7
192 20.0 15.8 23.8



#36
1,1-Dichloropropene
Concen: 17.575 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 75 Resp: 30846
Ion Ratio Lower Upper
75 100
110 33.2 17.0 50.9
77 31.5 25.0 37.6





#37

Ethyl Acetate

Concen: 19.499 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

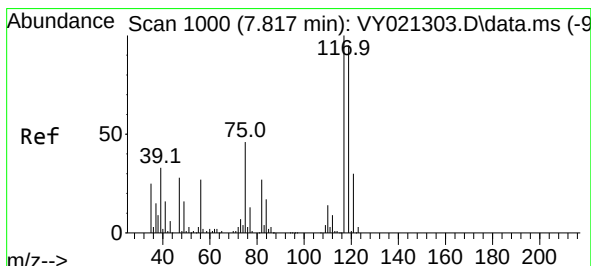
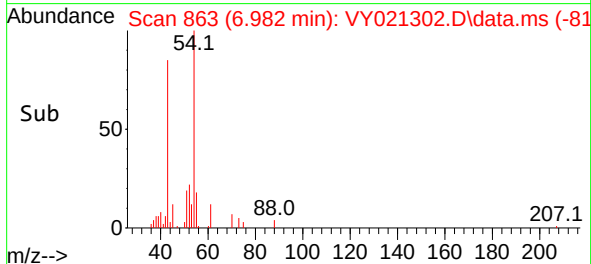
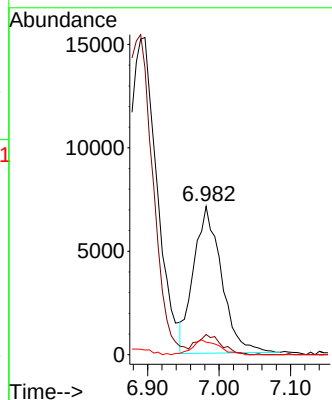
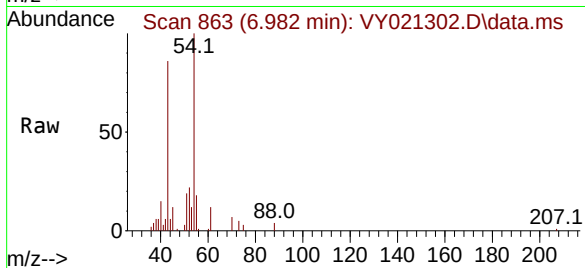
Tgt Ion: 43 Resp: 19229

Ion Ratio Lower Upper

43 100

61 12.2 10.5 15.7

70 9.6 7.4 11.0



#38

Carbon Tetrachloride

Concen: 19.036 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

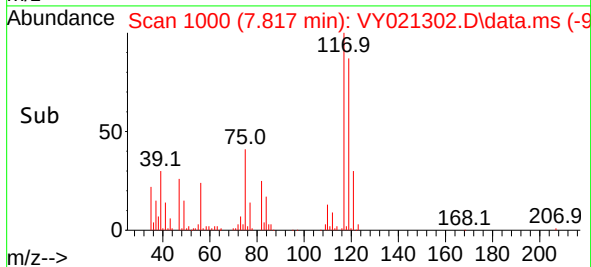
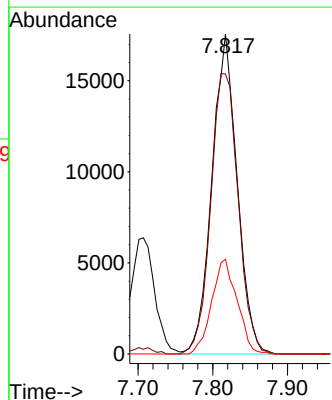
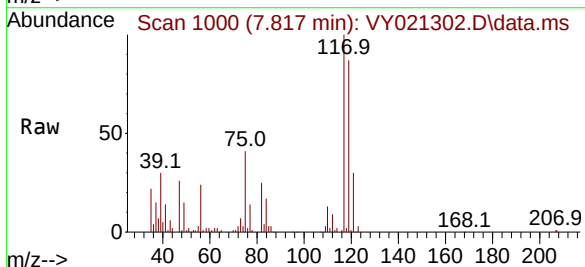
Tgt Ion: 117 Resp: 41320

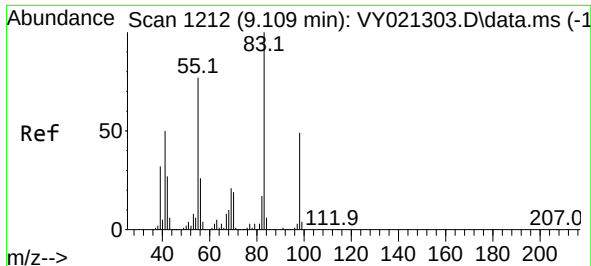
Ion Ratio Lower Upper

117 100

119 87.5 76.0 114.0

121 29.6 23.9 35.9

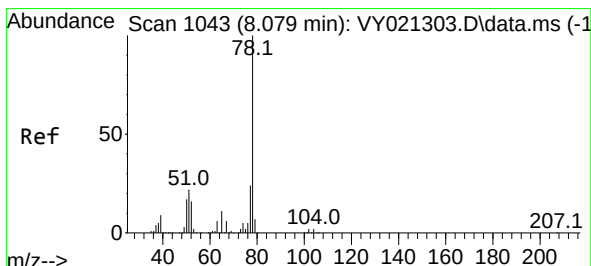
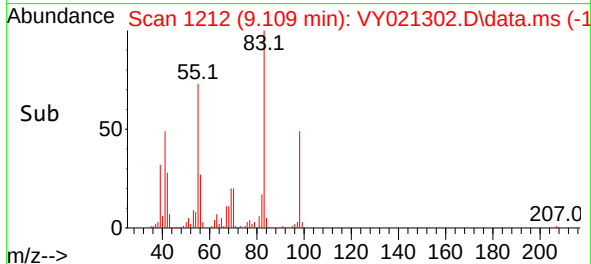
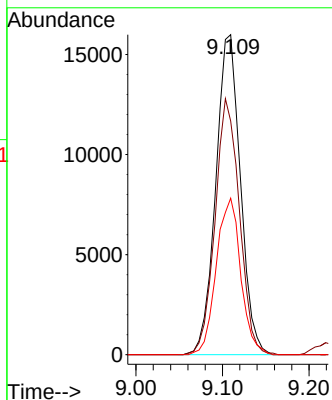
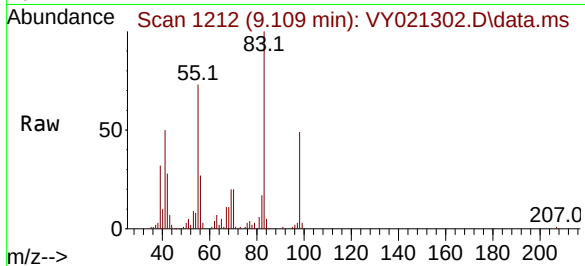




#39
Methylcyclohexane
Concen: 15.562 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

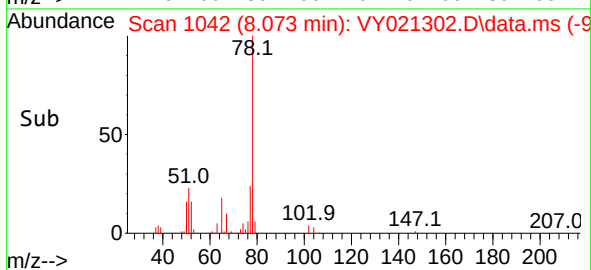
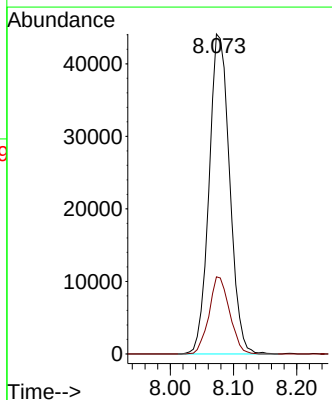
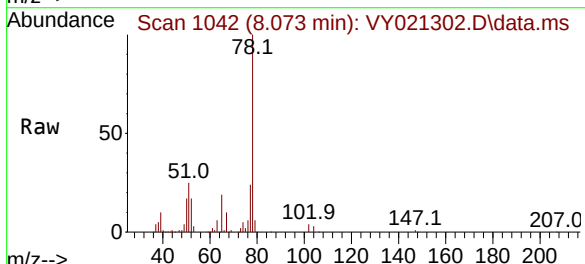
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

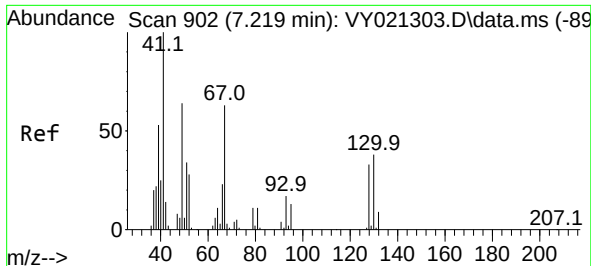
Tgt Ion: 83 Resp: 31608
Ion Ratio Lower Upper
83 100
55 73.0 61.8 92.8
98 48.9 39.2 58.8



#40
Benzene
Concen: 18.240 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 78 Resp: 99460
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

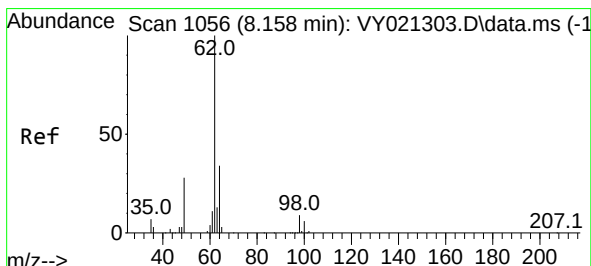
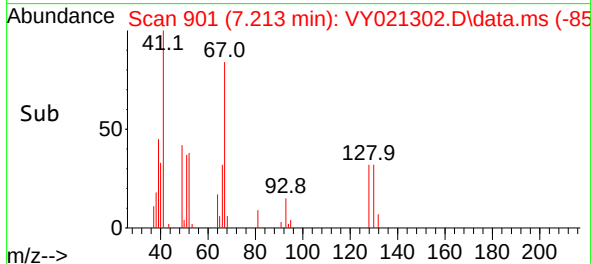
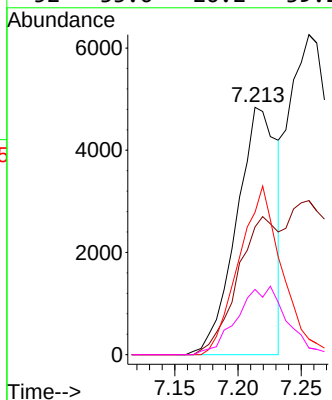
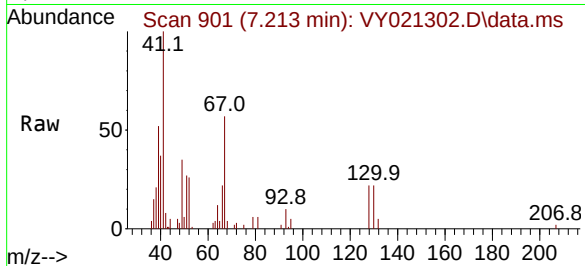




#41
Methacrylonitrile
Concen: 20.590 ug/l
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

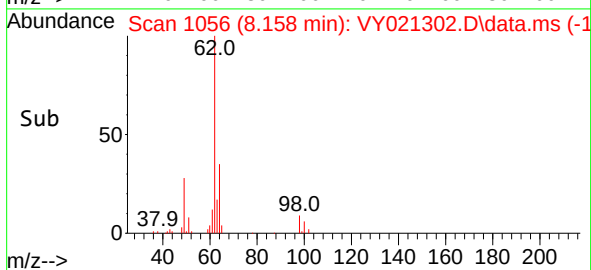
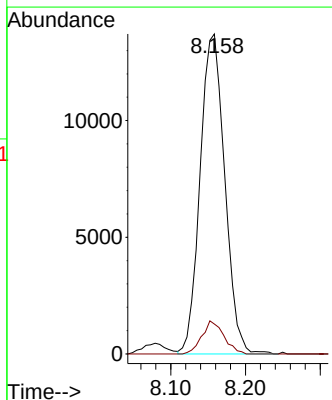
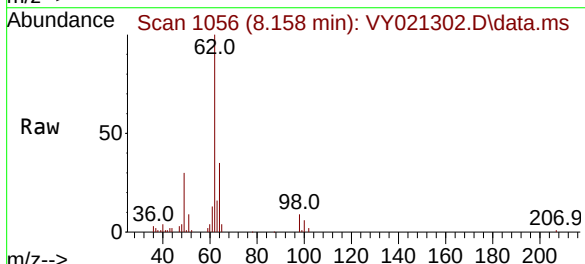
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

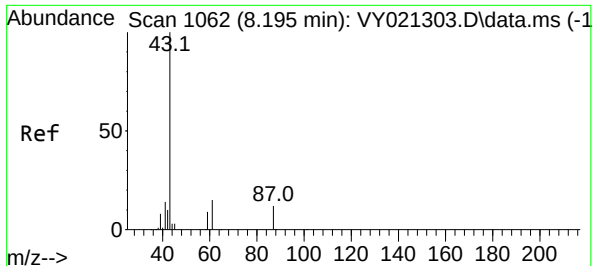
Tgt Ion:	41	Resp:	10808
Ion	Ratio	Lower	Upper
41	100		
39	55.7	50.1	75.1
67	73.3	59.3	88.9
52	33.6	26.2	39.2



#42
1,2-Dichloroethane
Concen: 18.877 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion:	62	Resp:	31433
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.0





#43

Isopropyl Acetate

Concen: 19.911 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

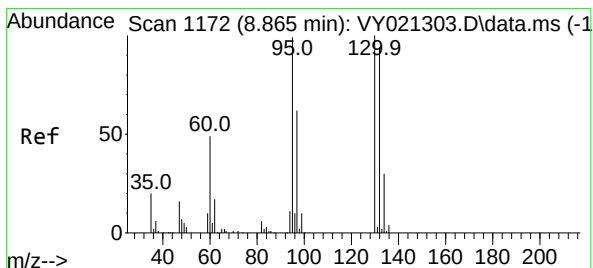
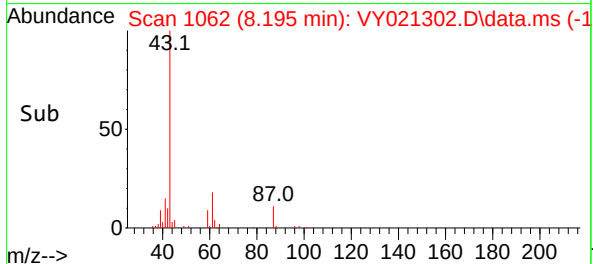
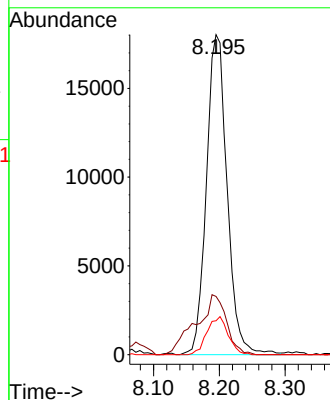
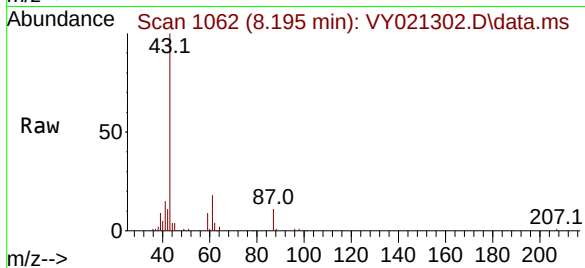
Tgt Ion: 43 Resp: 39542

Ion Ratio Lower Upper

43 100

61 27.4 22.2 33.2

87 12.1 9.8 14.8



#44

Trichloroethene

Concen: 18.138 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY021302.D

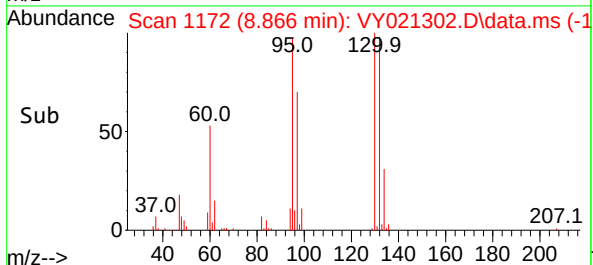
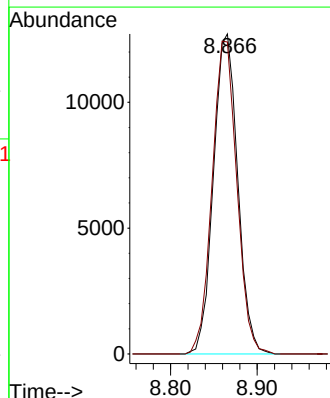
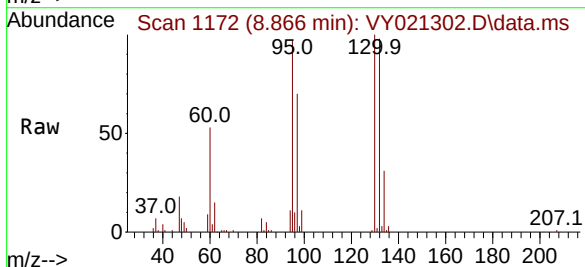
Acq: 24 Feb 2025 15:52

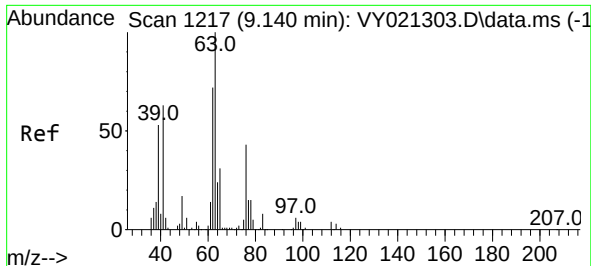
Tgt Ion:130 Resp: 24730

Ion Ratio Lower Upper

130 100

95 97.5 0.0 197.0





#45

1,2-Dichloropropane

Concen: 19.483 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

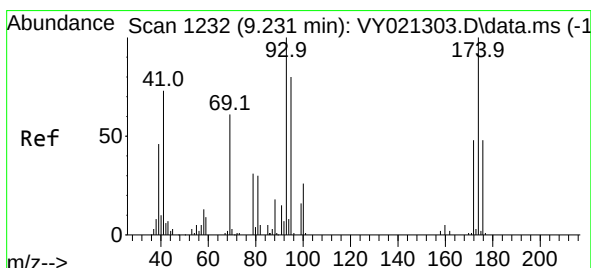
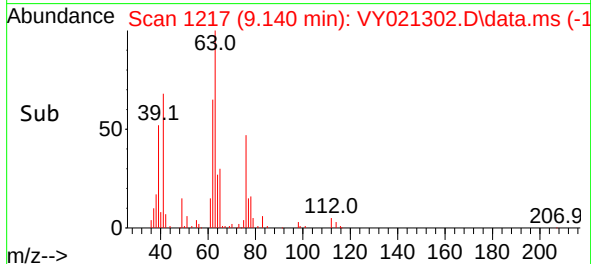
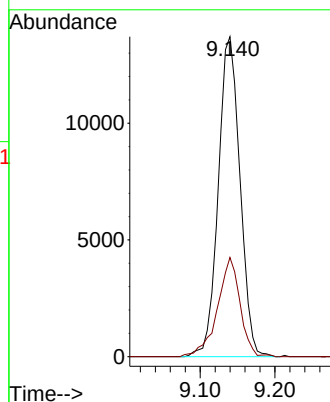
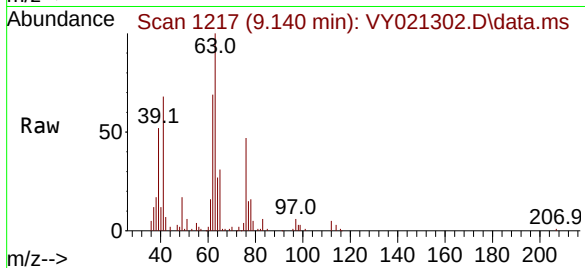
VSTDICC020

Tgt Ion: 63 Resp: 27694

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



#46

Dibromomethane

Concen: 18.794 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

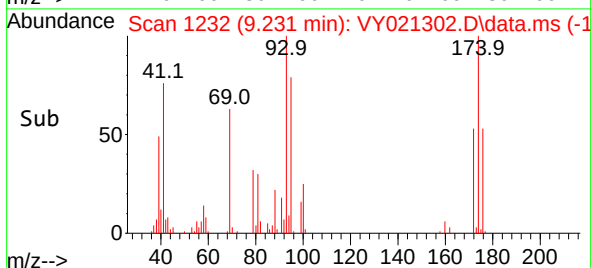
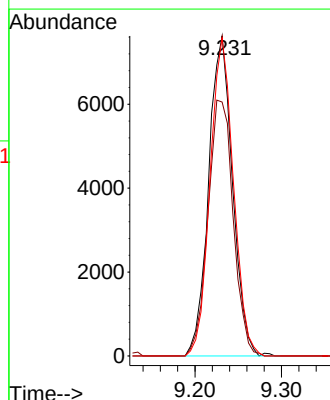
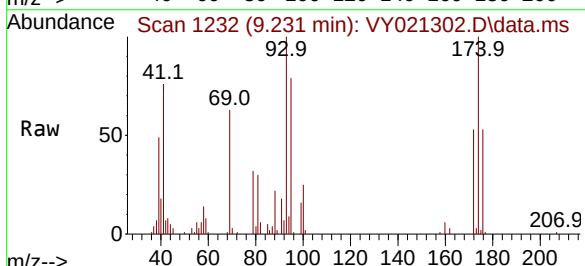
Tgt Ion: 93 Resp: 14615

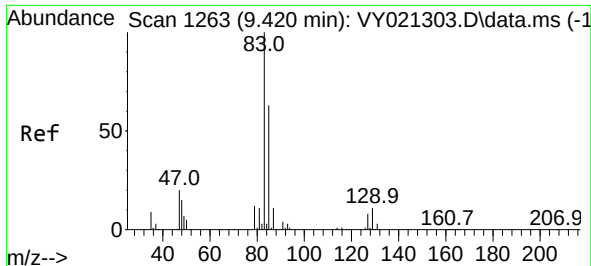
Ion Ratio Lower Upper

93 100

95 84.3 65.7 98.5

174 97.2 77.4 116.2

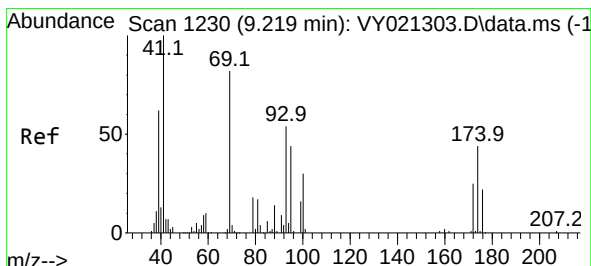
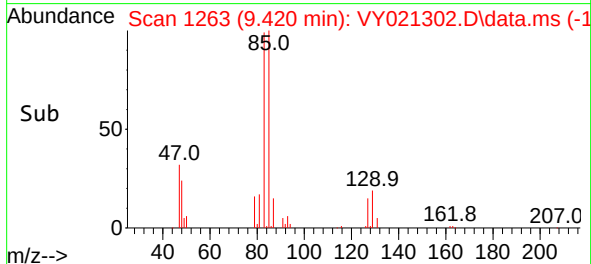
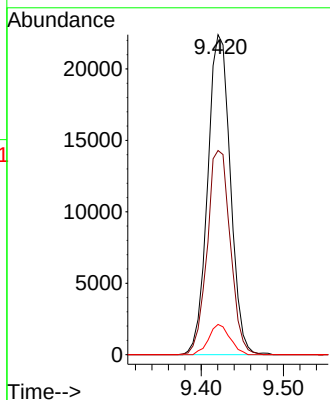
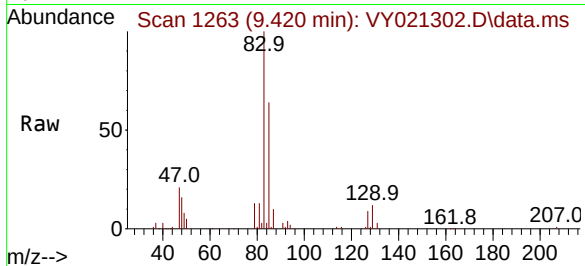




#47
Bromodichloromethane
Concen: 19.816 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

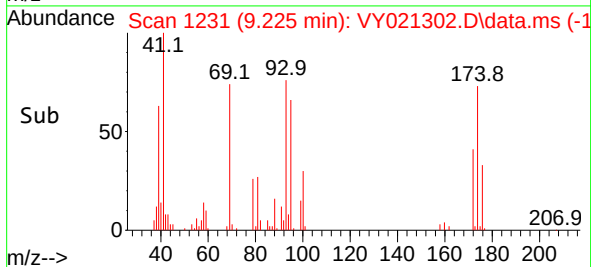
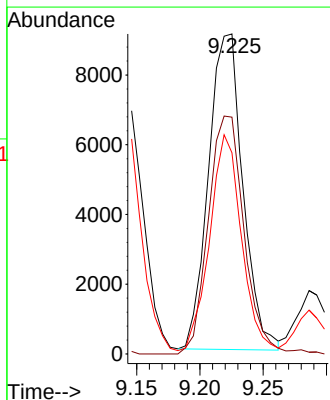
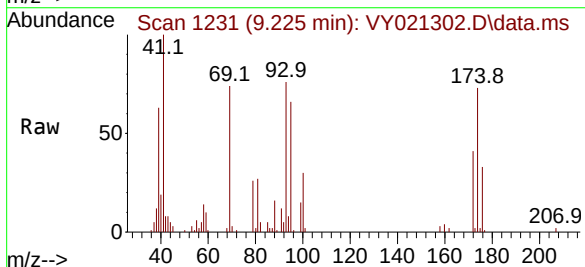
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

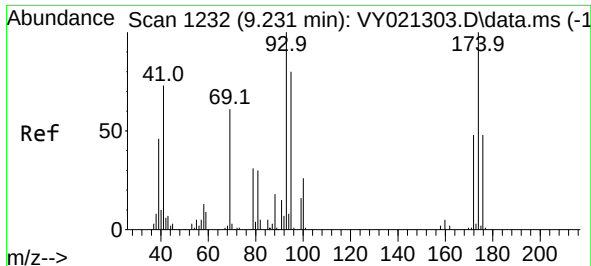
Tgt Ion: 83 Resp: 42857
Ion Ratio Lower Upper
83 100
85 63.8 50.7 76.1
127 9.4 6.8 10.2



#48
Methyl methacrylate
Concen: 18.931 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 41 Resp: 17084
Ion Ratio Lower Upper
41 100
69 78.6 64.6 97.0
39 65.6 47.9 71.9





#49

1,4-Dioxane

Concen: 431.063 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

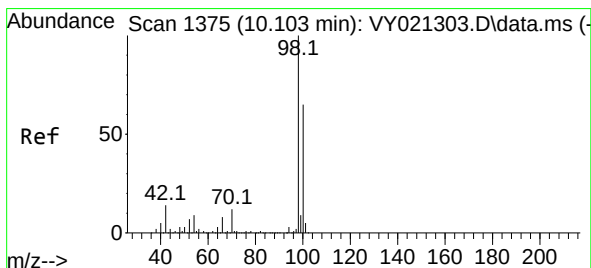
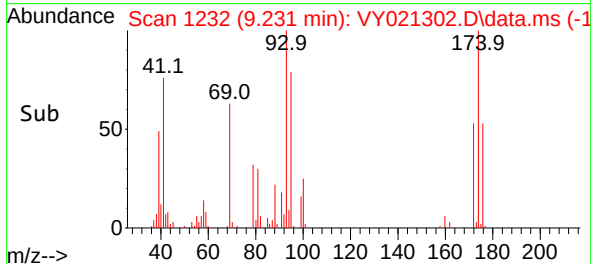
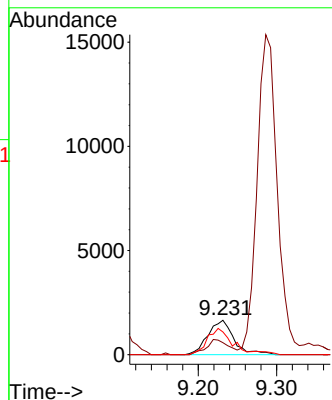
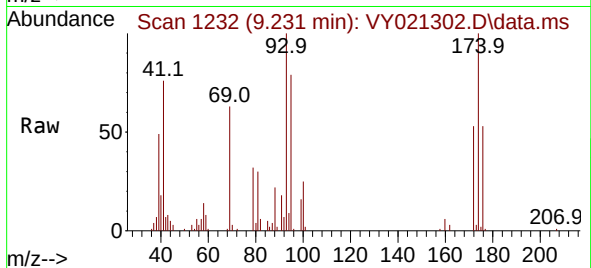
Tgt Ion: 88 Resp: 3815

Ion Ratio Lower Upper

88 100

43 37.5 33.2 49.8

58 70.2 57.8 86.8



#50

Toluene-d8

Concen: 18.324 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021302.D

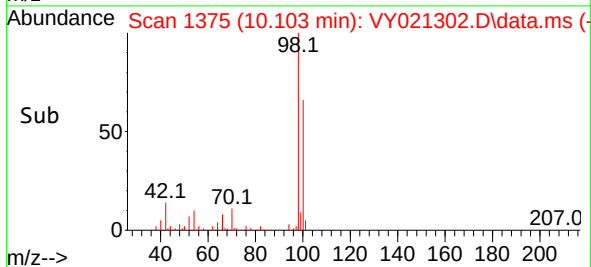
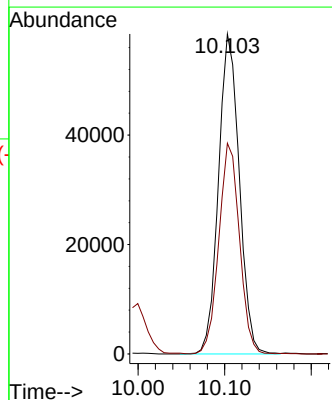
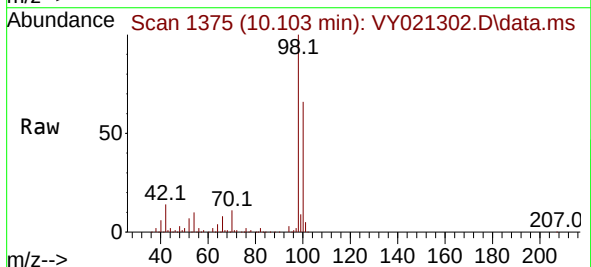
Acq: 24 Feb 2025 15:52

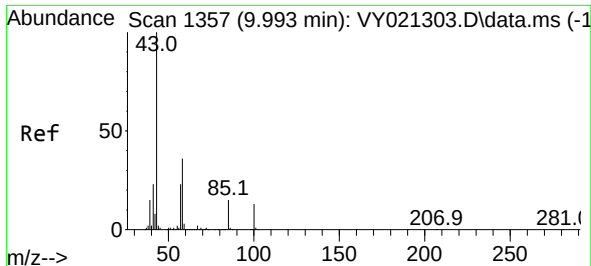
Tgt Ion: 98 Resp: 97416

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.2

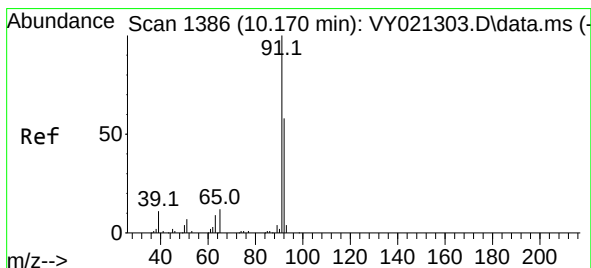
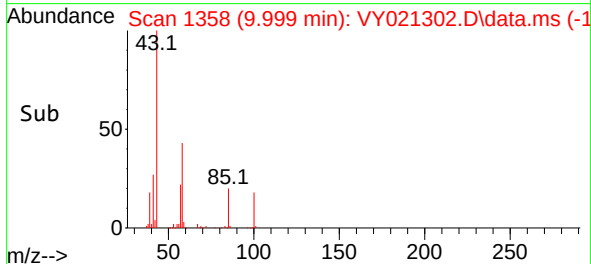
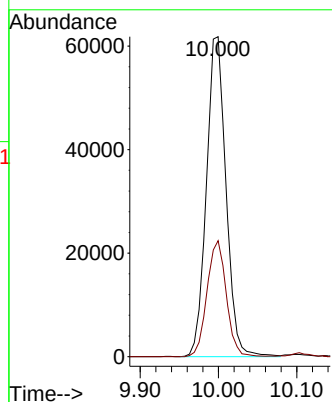
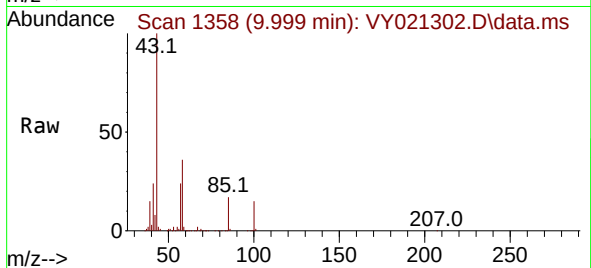




#51
4-Methyl-2-Pentanone
Concen: 101.830 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

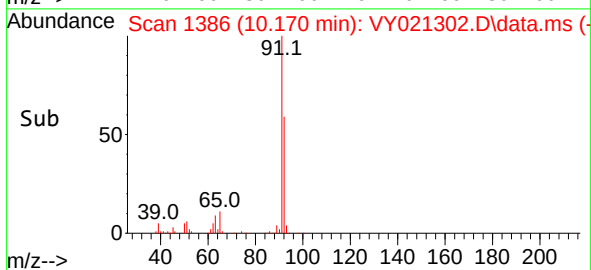
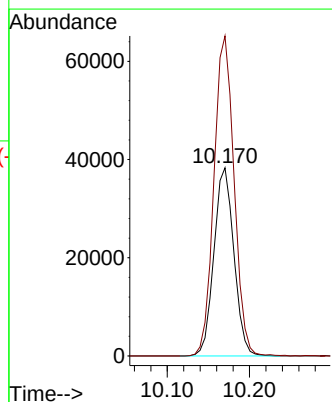
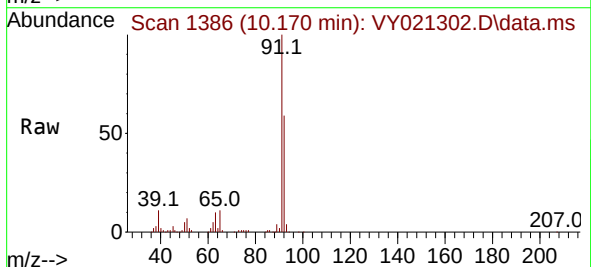
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

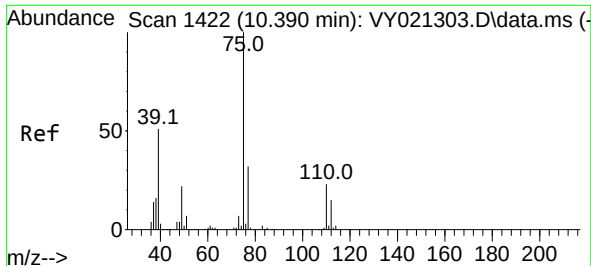
Tgt Ion: 43 Resp: 107496
Ion Ratio Lower Upper
43 100
58 35.6 29.7 44.5



#52
Toluene
Concen: 18.565 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 92 Resp: 64569
Ion Ratio Lower Upper
92 100
91 172.0 138.3 207.5

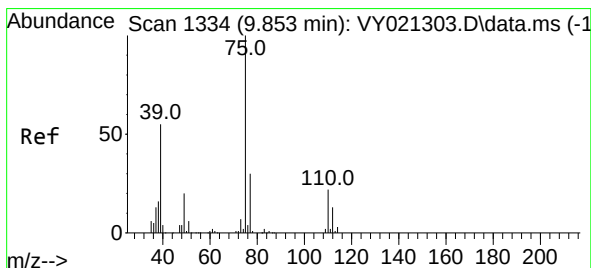
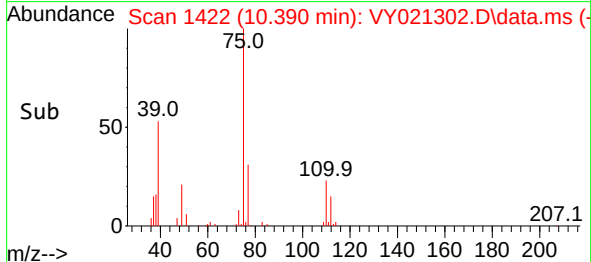
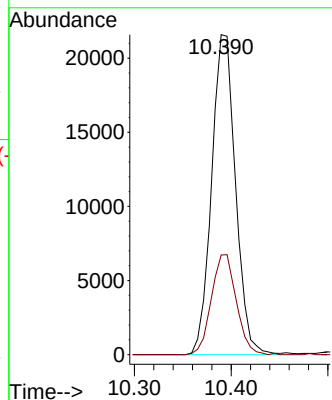
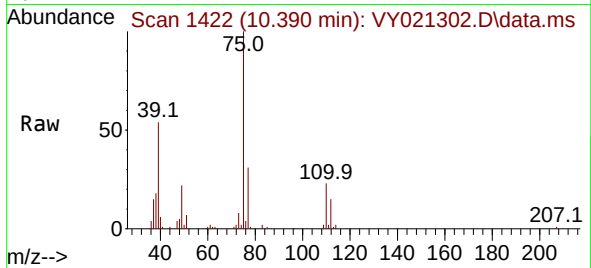




#53
t-1,3-Dichloropropene
Concen: 19.022 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

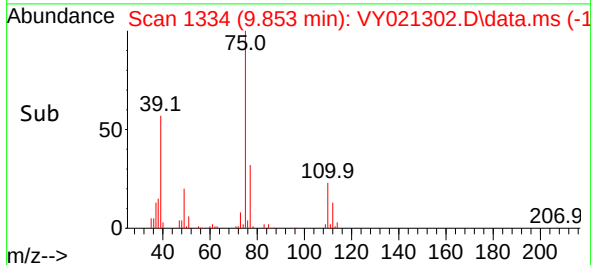
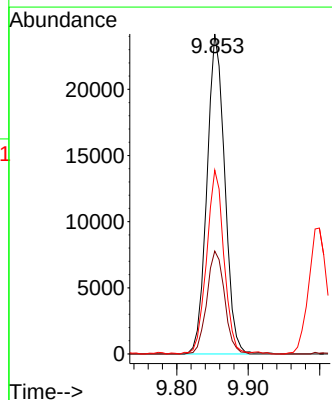
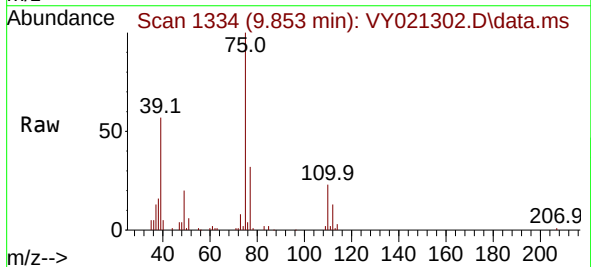
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

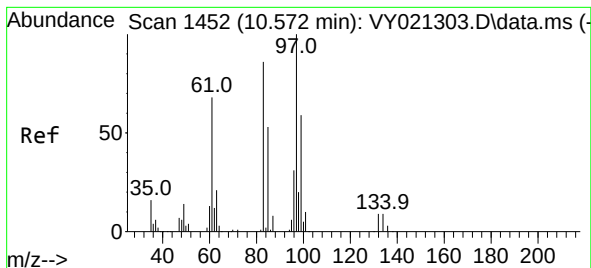
Tgt Ion: 75 Resp: 36992
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 18.885 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 75 Resp: 41695
Ion Ratio Lower Upper
75 100
77 32.2 24.0 36.0
39 57.5 44.1 66.1





#55

1,1,2-Trichloroethane

Concen: 20.229 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 21858

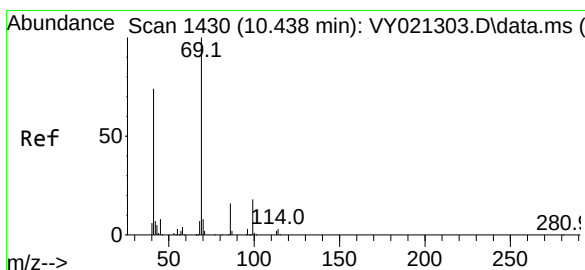
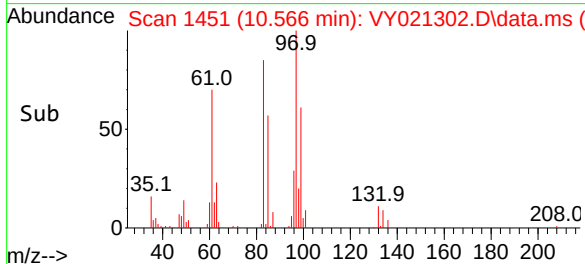
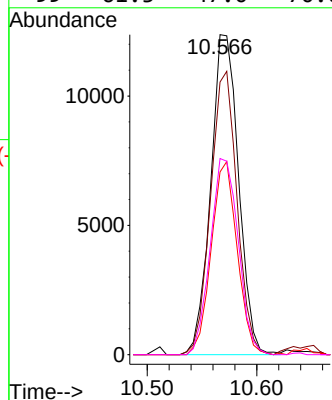
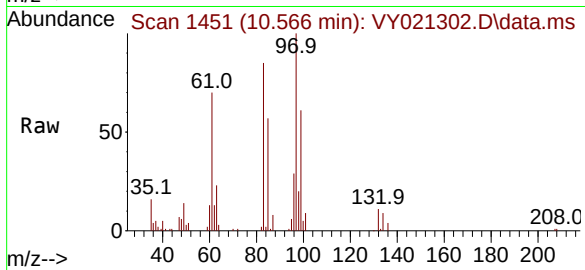
Ion Ratio Lower Upper

97 100

83 85.2 68.5 102.7

85 57.1 42.5 63.7

99 61.3 47.0 70.6



#56

Ethyl methacrylate

Concen: 19.153 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

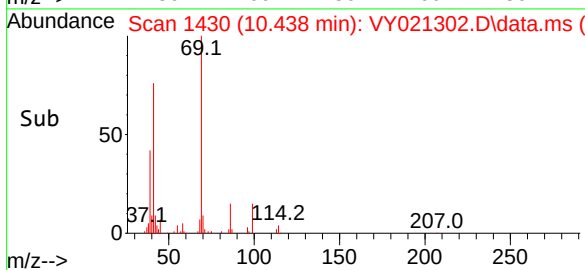
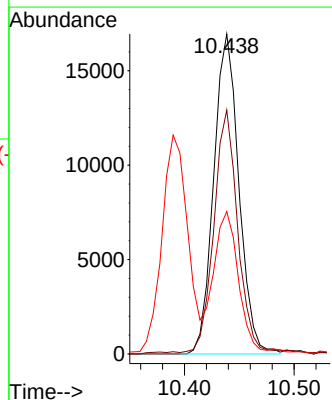
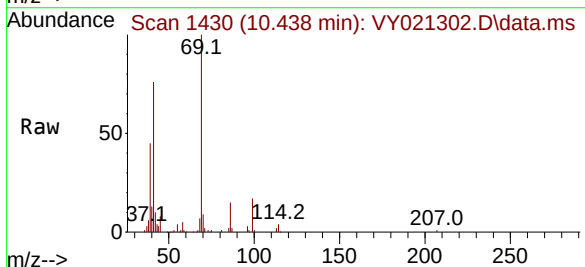
Tgt Ion: 69 Resp: 27032

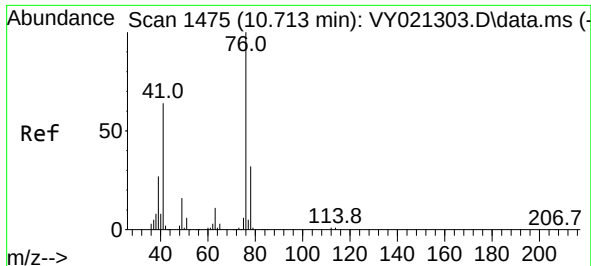
Ion Ratio Lower Upper

69 100

41 71.8 58.0 87.0

39 45.9 35.4 53.0





#57

1,3-Dichloropropane

Concen: 19.610 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

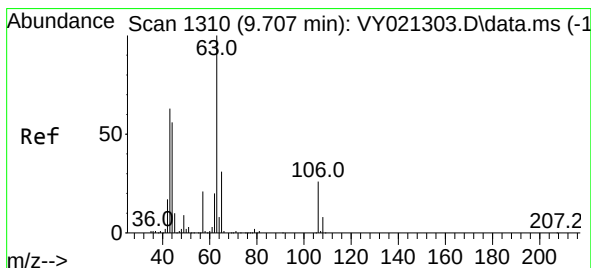
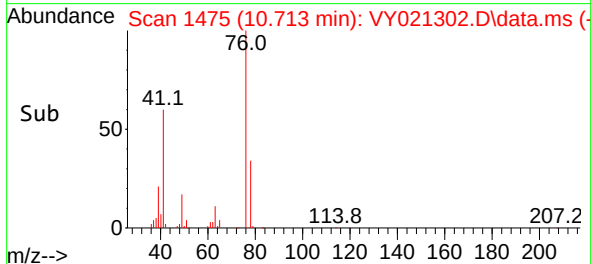
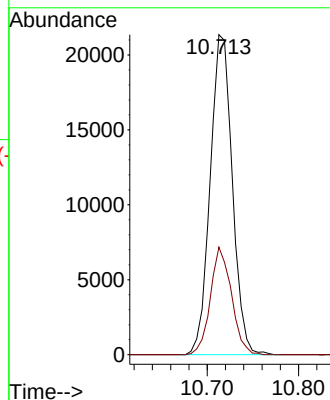
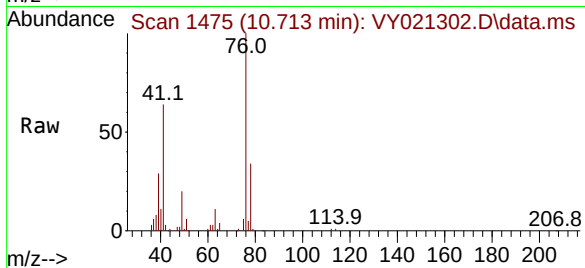
VSTDICC020

Tgt Ion: 76 Resp: 35885

Ion Ratio Lower Upper

76 100

78 32.0 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 96.221 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY021302.D

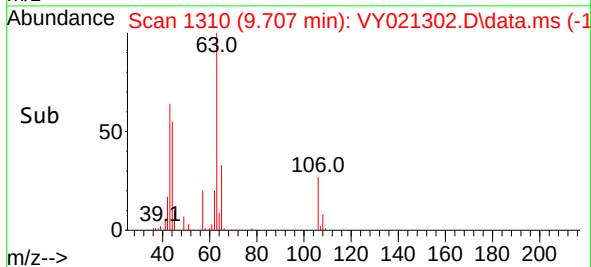
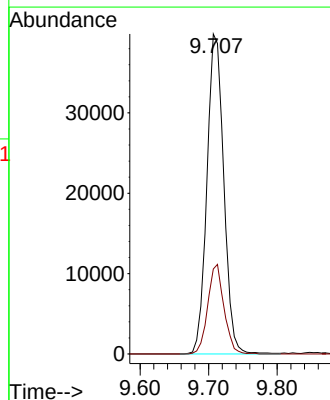
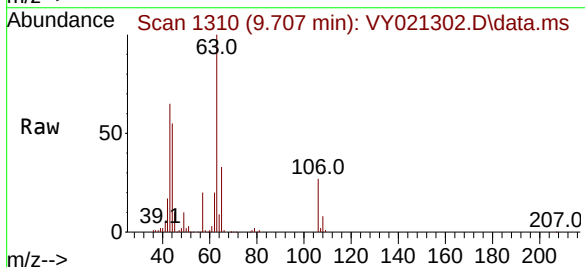
Acq: 24 Feb 2025 15:52

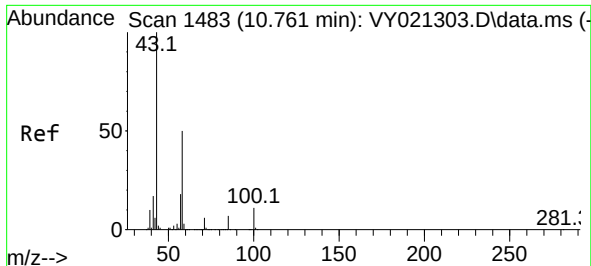
Tgt Ion: 63 Resp: 68048

Ion Ratio Lower Upper

63 100

106 26.9 21.8 32.6





#59

2-Hexanone

Concen: 99.891 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

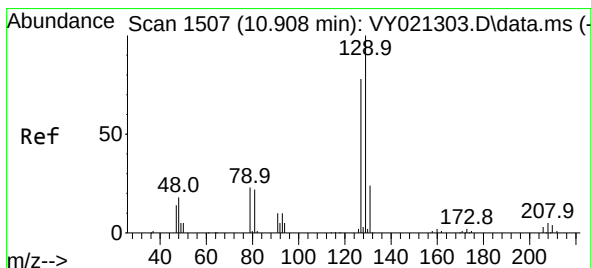
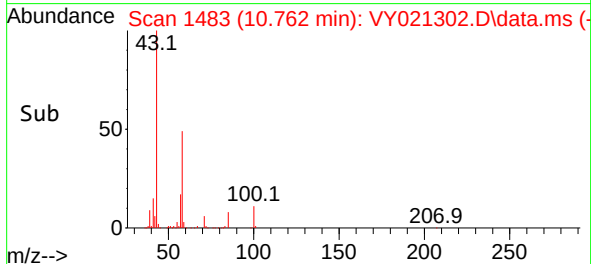
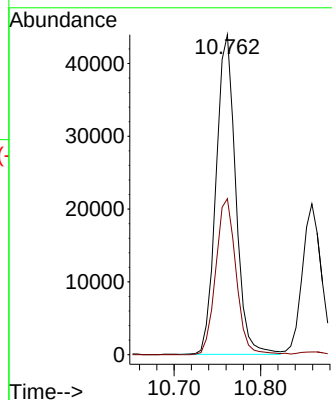
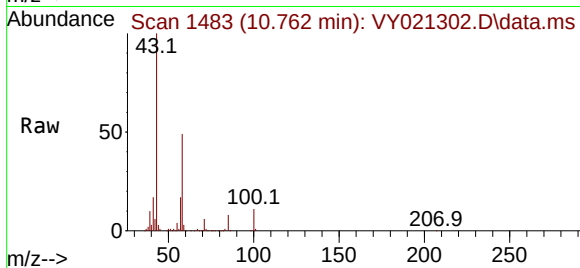
VSTDICC020

Tgt Ion: 43 Resp: 69121

Ion Ratio Lower Upper

43 100

58 50.7 25.4 76.4



#60

Dibromochloromethane

Concen: 20.512 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY021302.D

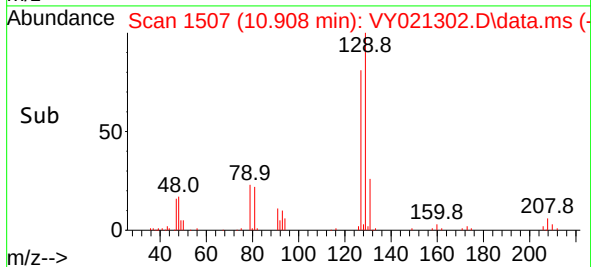
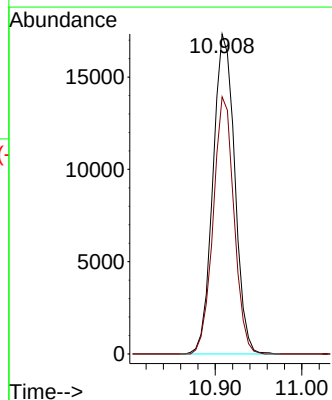
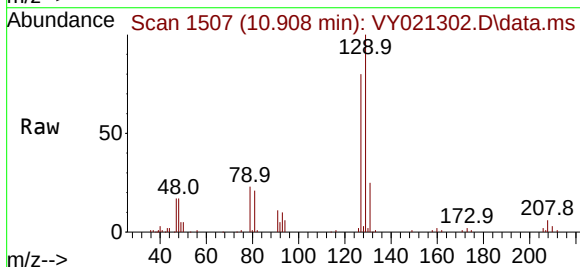
Acq: 24 Feb 2025 15:52

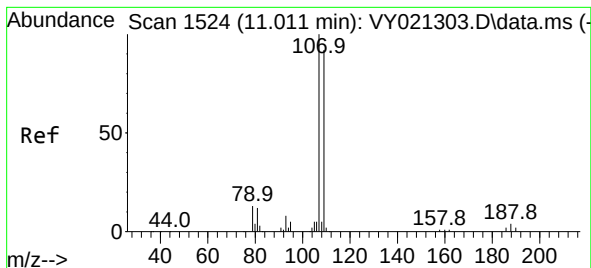
Tgt Ion:129 Resp: 30244

Ion Ratio Lower Upper

129 100

127 76.7 38.6 115.7

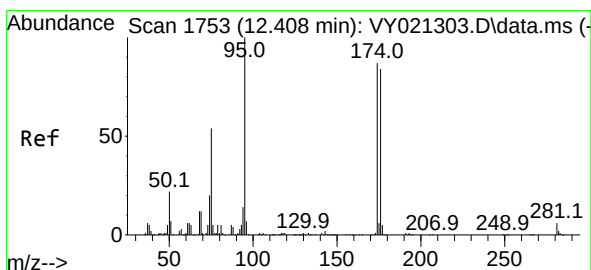
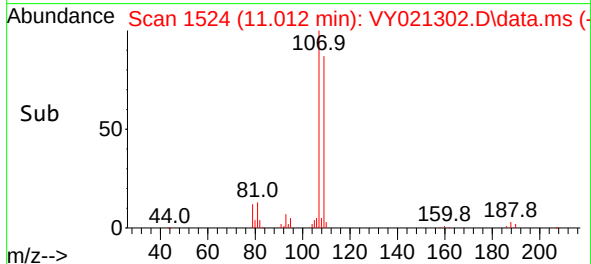
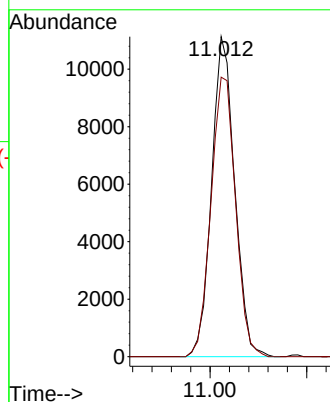
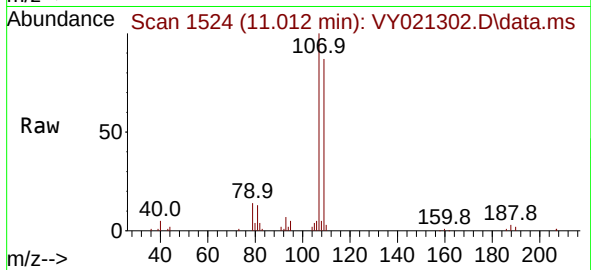




#61
1,2-Dibromoethane
Concen: 19.125 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

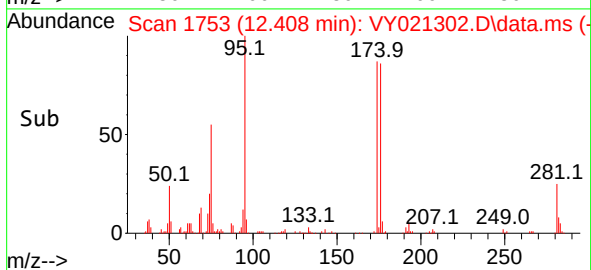
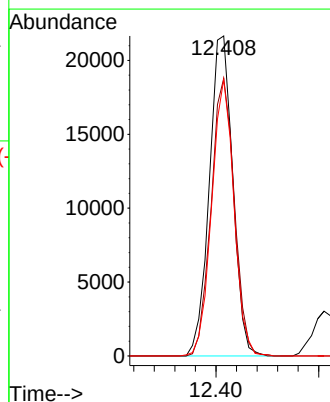
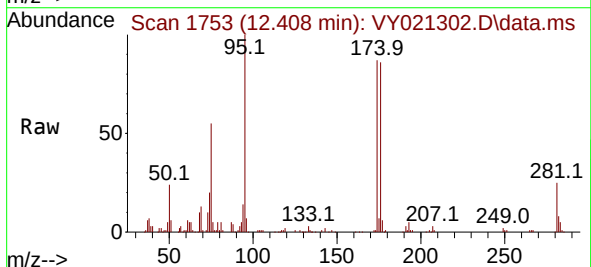
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

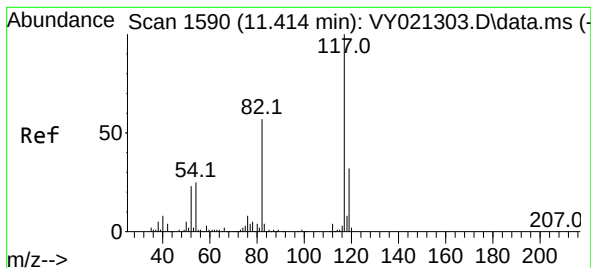
Tgt Ion:107 Resp: 18412
Ion Ratio Lower Upper
107 100
109 93.2 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 18.614 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 95 Resp: 34176
Ion Ratio Lower Upper
95 100
174 86.0 0.0 168.2
176 82.1 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

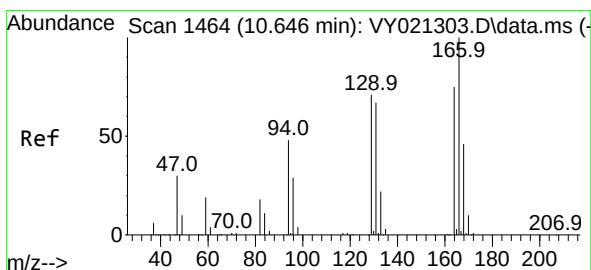
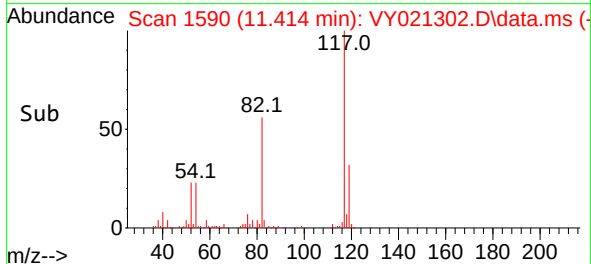
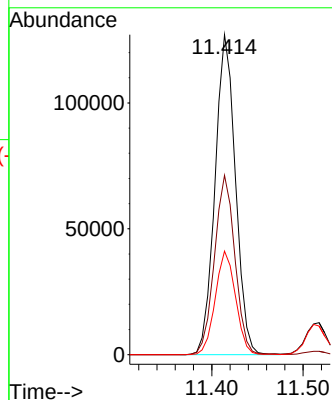
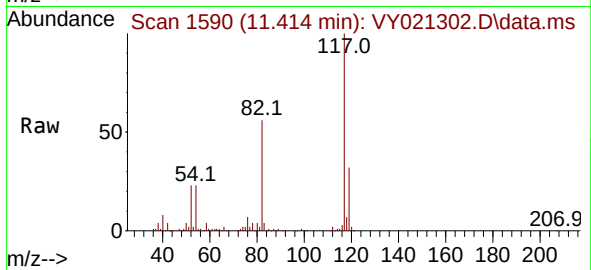
Tgt Ion:117 Resp: 197822

Ion Ratio Lower Upper

117 100

82 56.0 45.6 68.4

119 32.3 25.4 38.2



#64

Tetrachloroethene

Concen: 18.016 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Tgt Ion:164 Resp: 22191

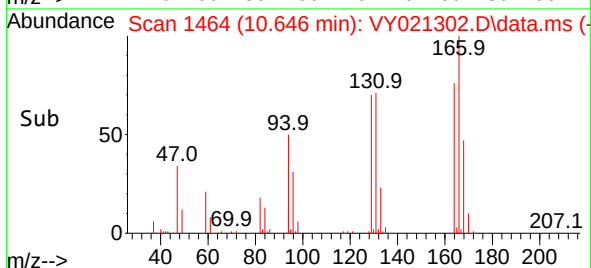
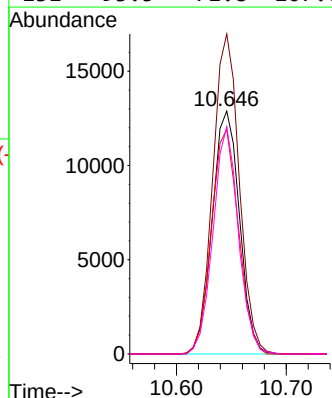
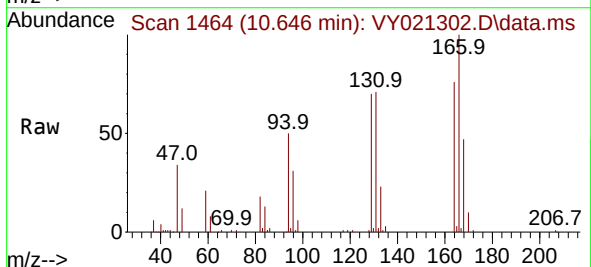
Ion Ratio Lower Upper

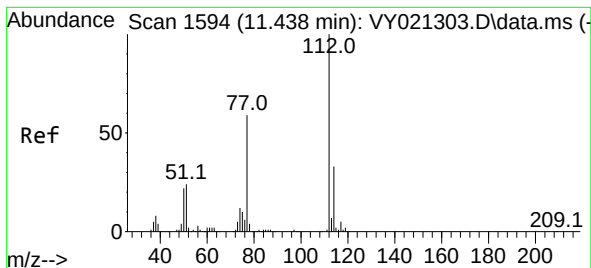
164 100

166 131.7 106.5 159.7

129 92.5 75.2 112.8

131 93.5 71.8 107.6

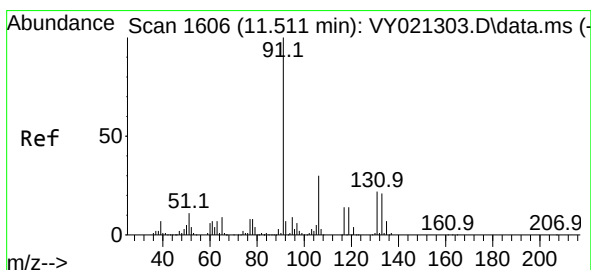
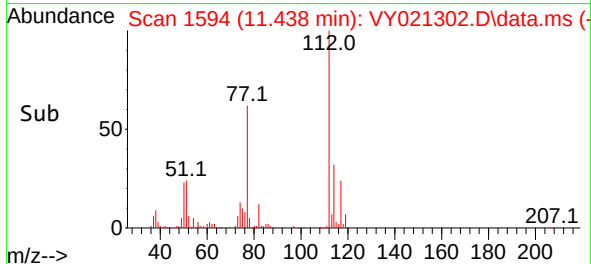
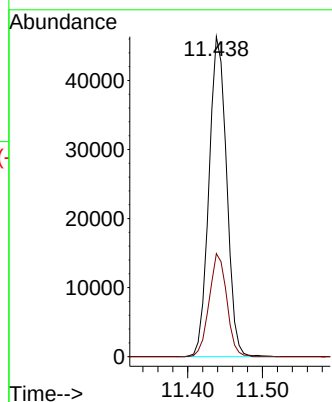
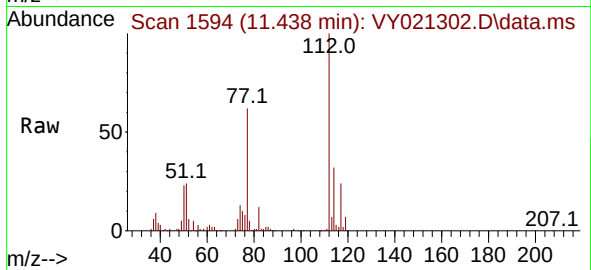




#65
Chlorobenzene
Concen: 19.369 ug/l
RT: 11.438 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

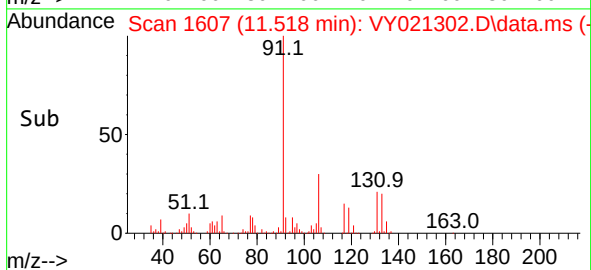
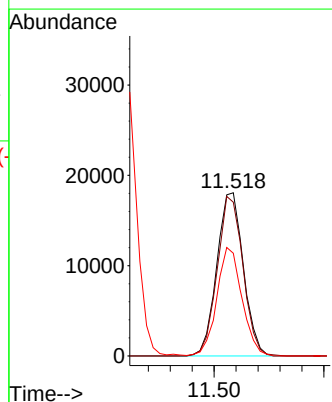
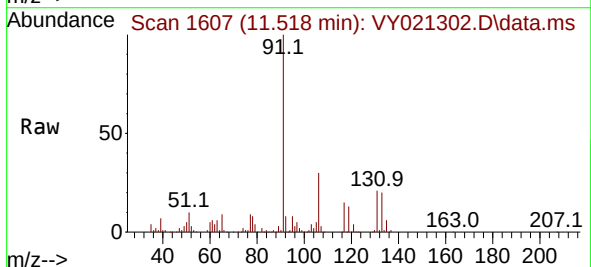
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

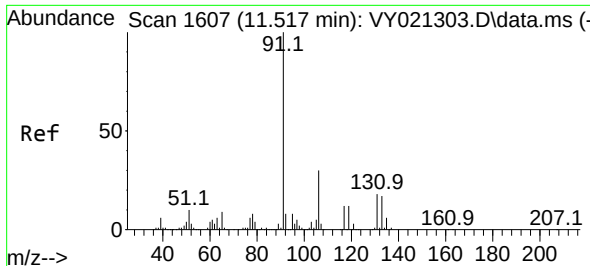
Tgt Ion:112 Resp: 75985
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.674 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion:131 Resp: 30368
Ion Ratio Lower Upper
131 100
133 94.8 48.3 144.9
119 63.1 32.3 96.9





#67

Ethyl Benzene

Concen: 19.061 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

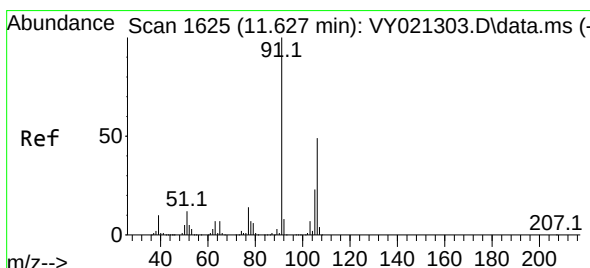
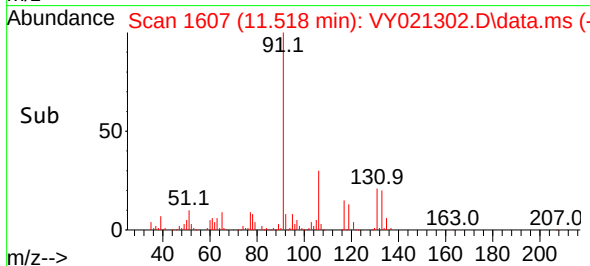
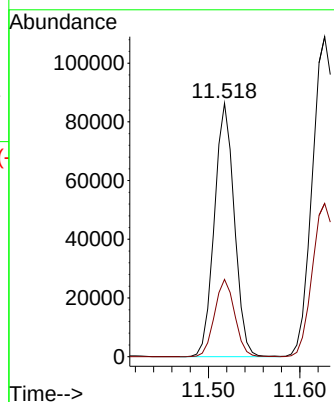
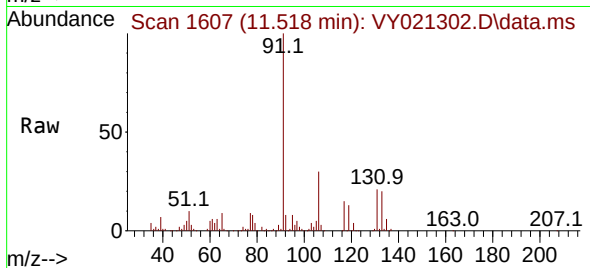
VSTDICC020

Tgt Ion: 91 Resp: 131074

Ion Ratio Lower Upper

91 100

106 30.5 24.2 36.4



#68

m/p-Xylenes

Concen: 37.908 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021302.D

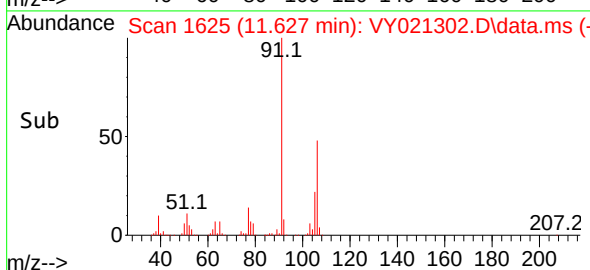
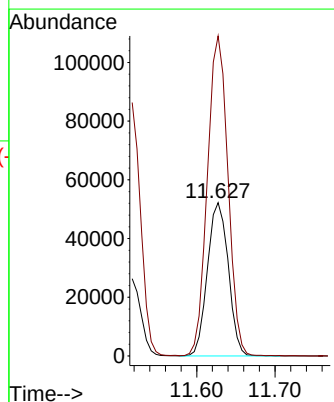
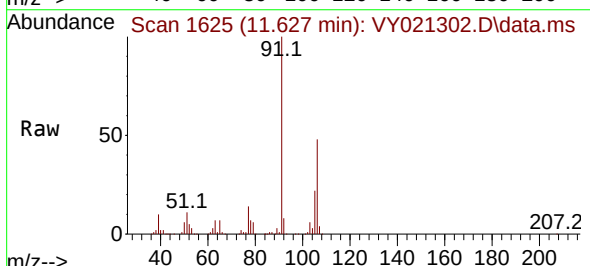
Acq: 24 Feb 2025 15:52

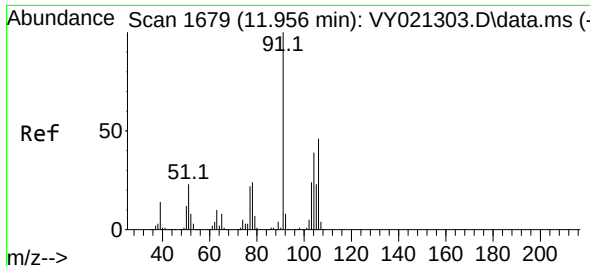
Tgt Ion:106 Resp: 96666

Ion Ratio Lower Upper

106 100

91 206.3 164.0 246.0

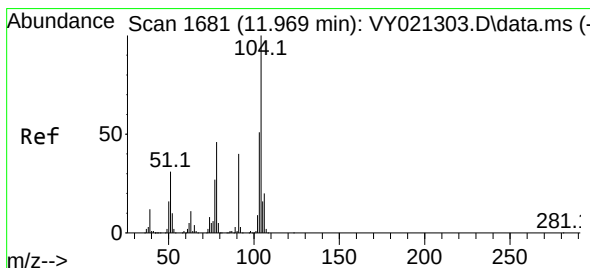
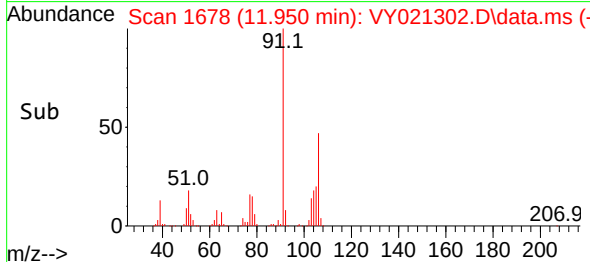
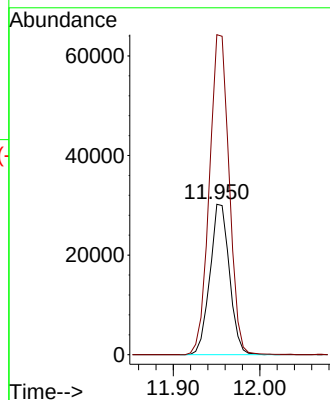
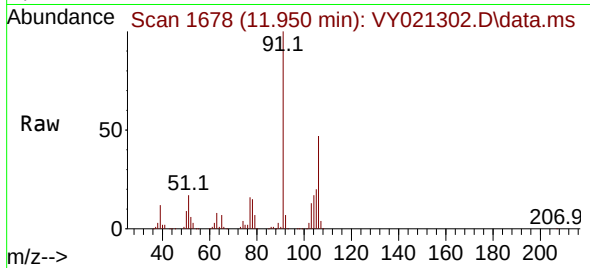




#69
o-Xylene
Concen: 19.233 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

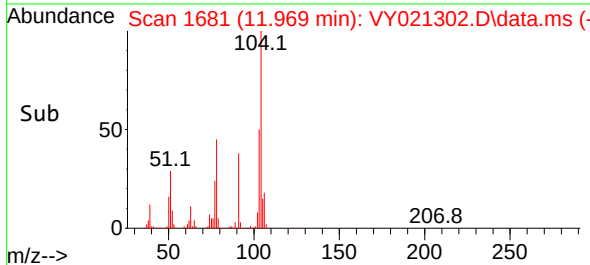
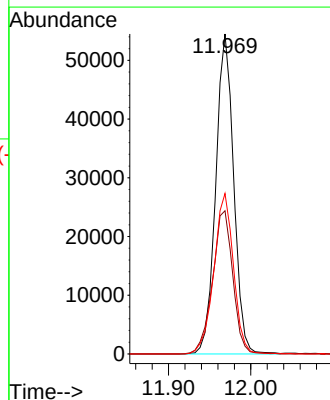
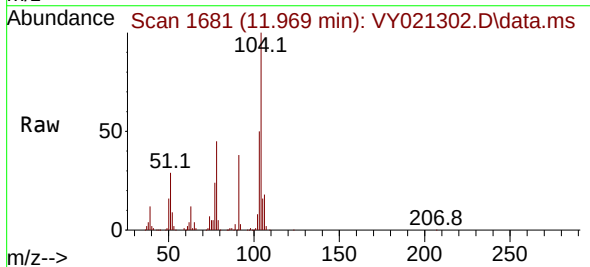
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

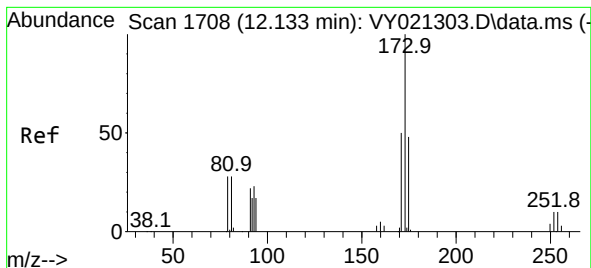
Tgt Ion:106 Resp: 47178
Ion Ratio Lower Upper
106 100
91 216.2 108.8 326.4



#70
Styrene
Concen: 19.910 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion:104 Resp: 82834
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 54.8 44.2 66.4





#71

Bromoform

Concen: 20.953 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

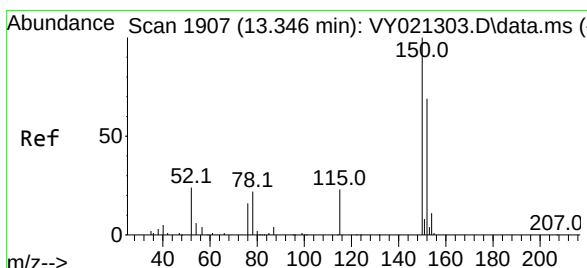
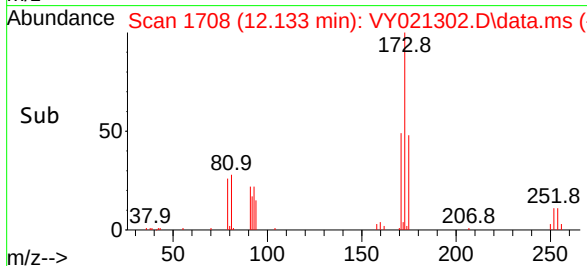
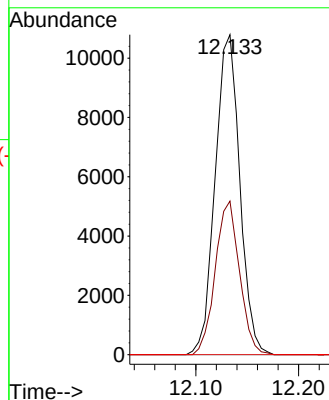
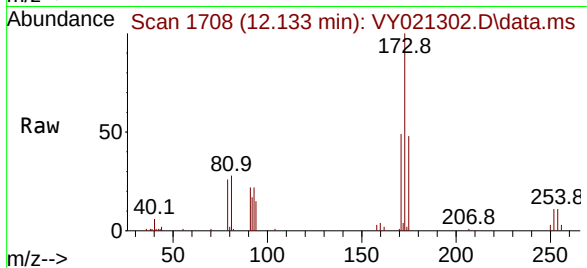
Tgt Ion:173 Resp: 17945

Ion Ratio Lower Upper

173 100

175 47.2 24.4 73.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

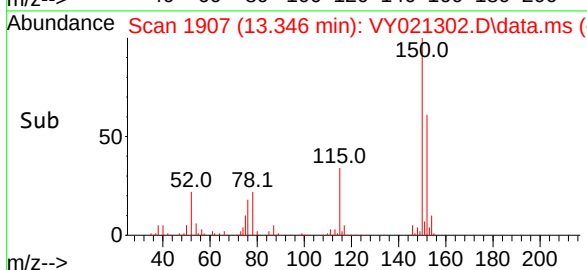
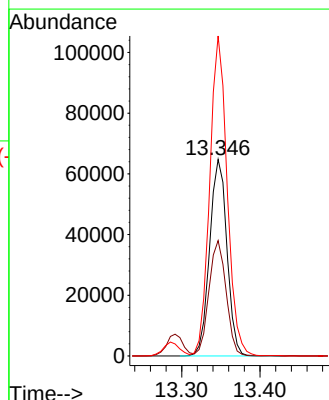
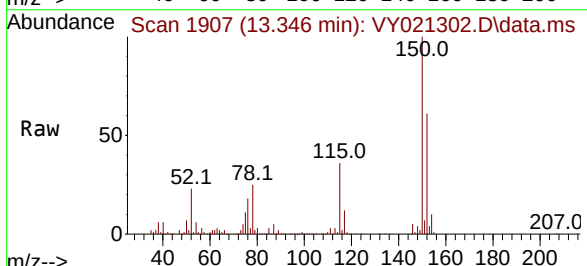
Tgt Ion:152 Resp: 99363

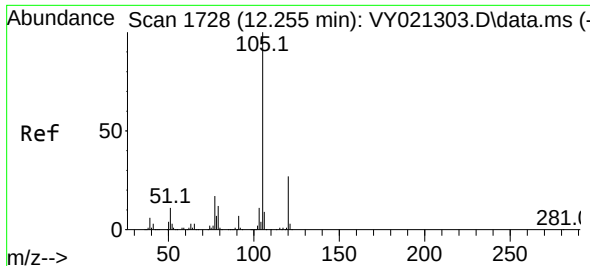
Ion Ratio Lower Upper

152 100

115 58.0 29.0 87.1

150 163.6 0.0 345.8

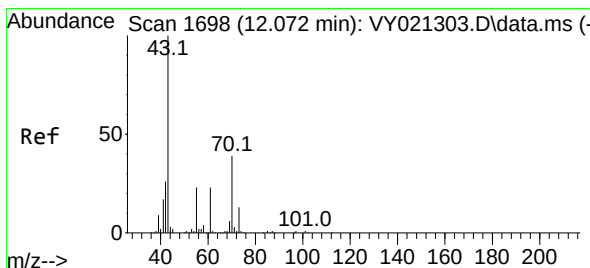
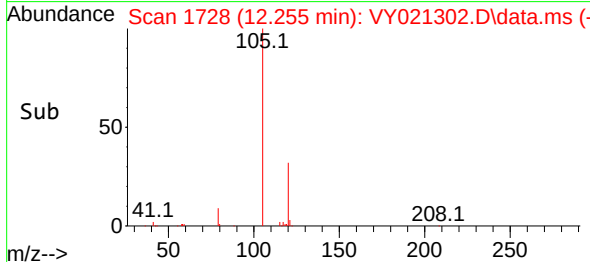
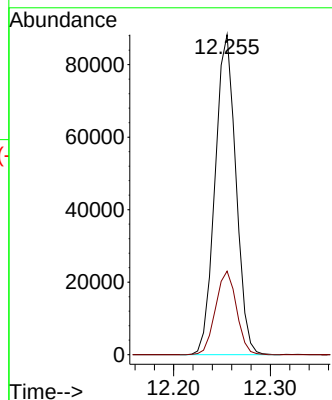
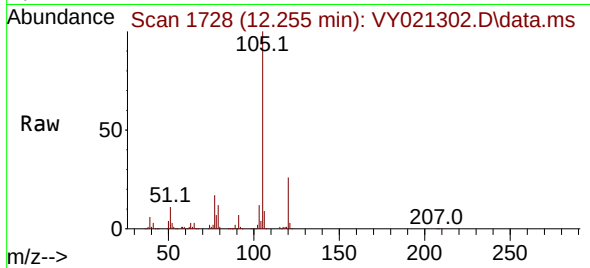




#73
Isopropylbenzene
Concen: 19.685 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

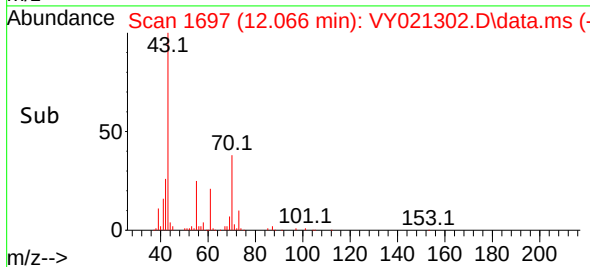
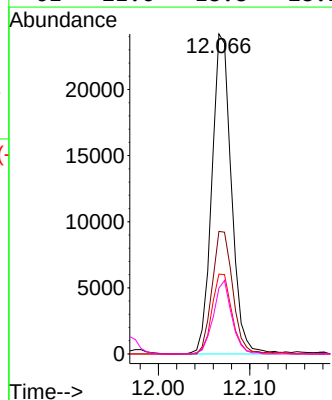
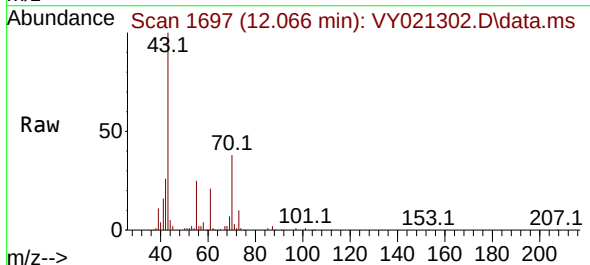
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

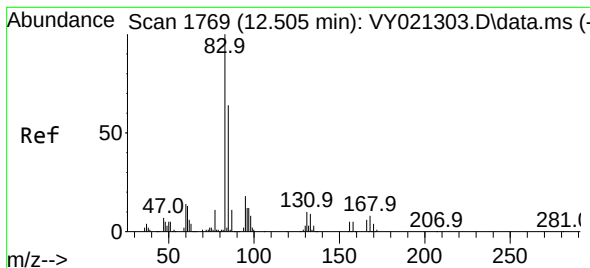
Tgt Ion:105 Resp: 132119
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5



#74
N-ethyl acetate
Concen: 20.240 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 43 Resp: 35893
Ion Ratio Lower Upper
43 100
70 40.5 31.4 47.2
55 25.5 19.5 29.3
61 21.6 18.8 28.2

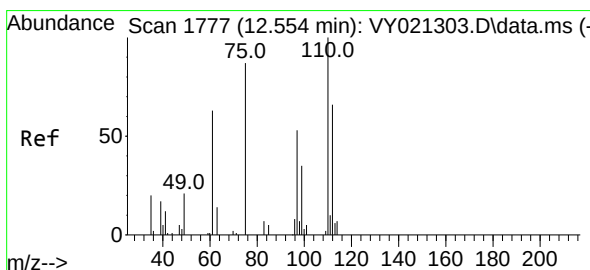
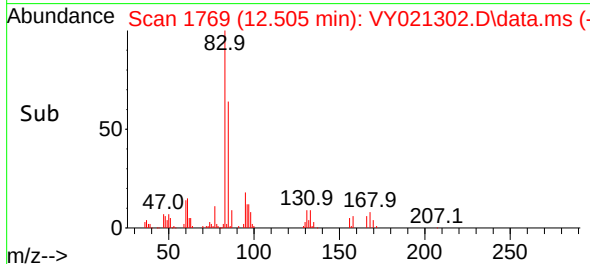
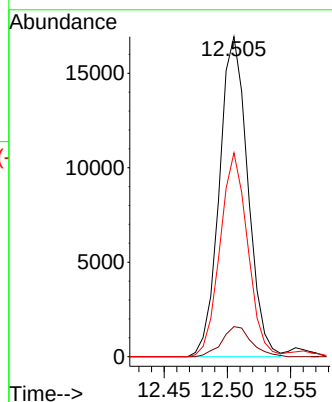
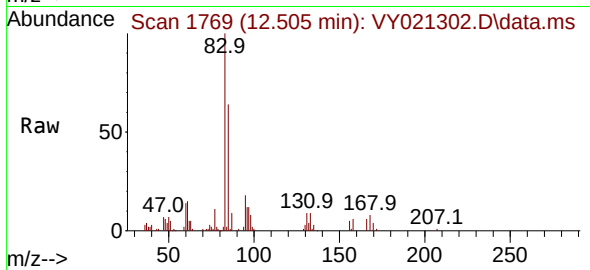




#75
1,1,2,2-Tetrachloroethane
Concen: 20.916 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

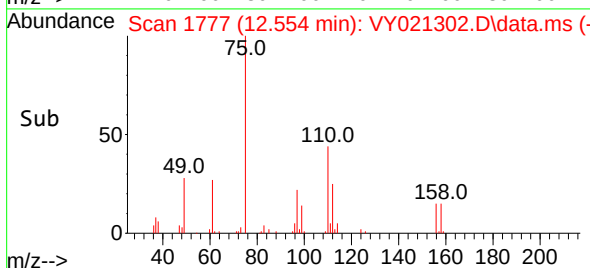
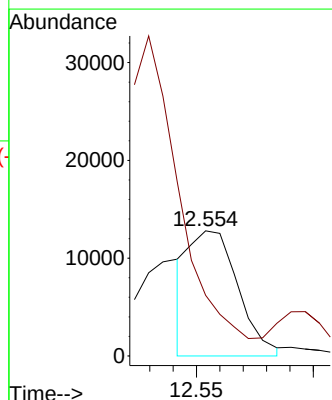
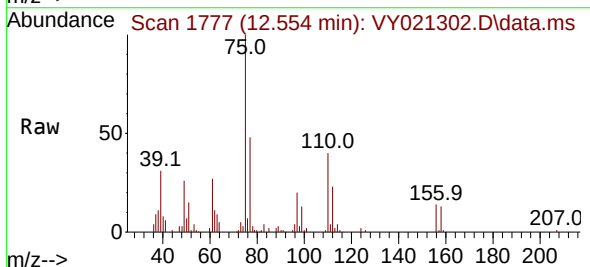
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

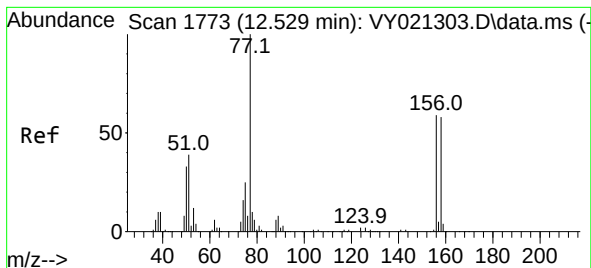
Tgt Ion: 83 Resp: 26439
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.9
85 61.9 31.3 93.9



#76
1,2,3-Trichloropropane
Concen: 20.453 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 75 Resp: 18817
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.585 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

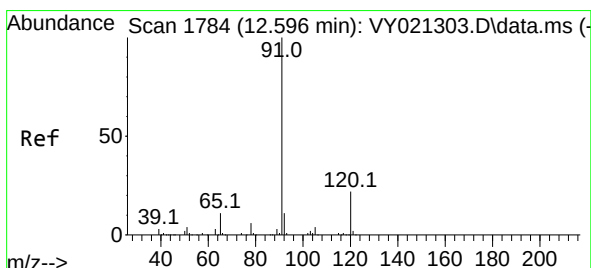
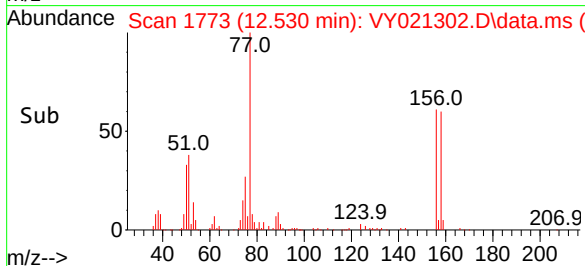
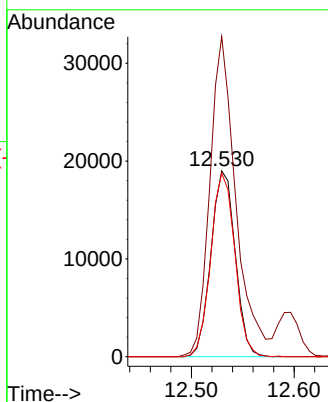
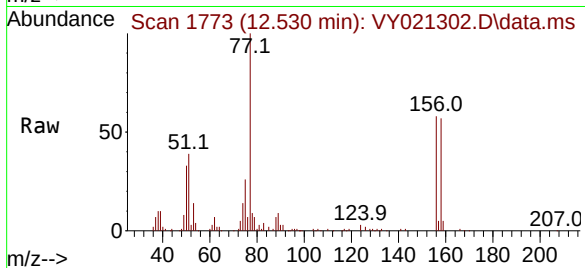
Tgt Ion:156 Resp: 31181

Ion Ratio Lower Upper

156 100

77 183.4 91.2 273.6

158 97.9 48.8 146.3



#78

n-propylbenzene

Concen: 19.876 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021302.D

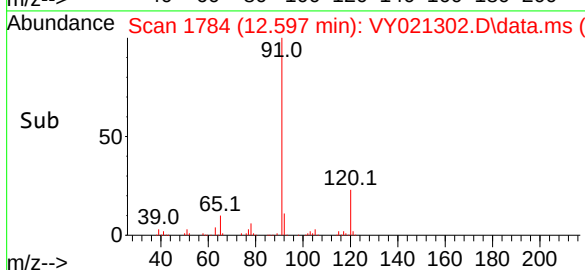
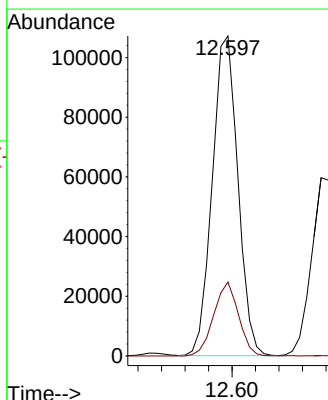
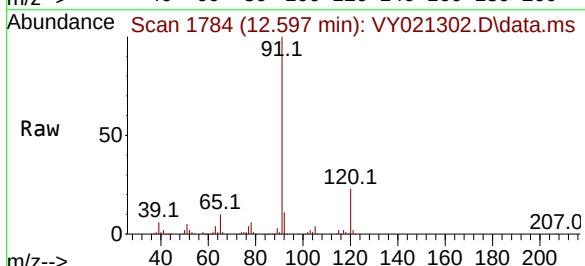
Acq: 24 Feb 2025 15:52

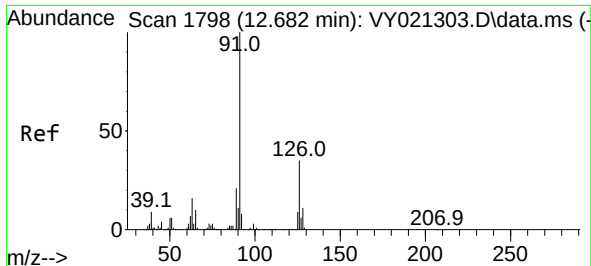
Tgt Ion: 91 Resp: 162063

Ion Ratio Lower Upper

91 100

120 22.4 11.1 33.3





#79

2-Chlorotoluene

Concen: 19.787 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. -0.006 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

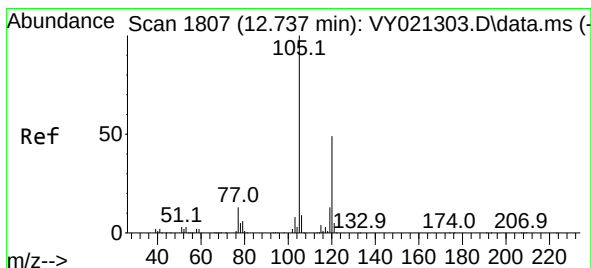
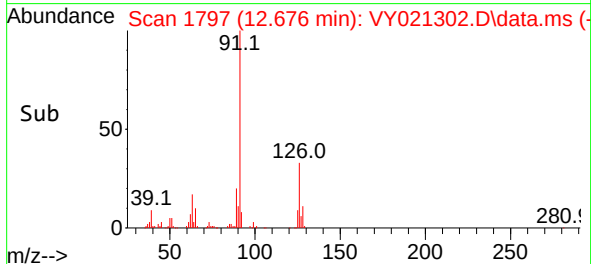
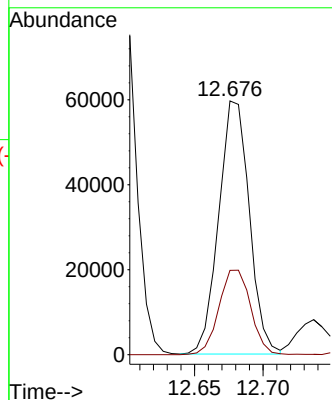
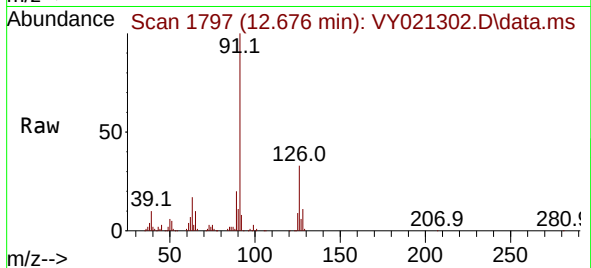
VSTDICC020

Tgt Ion: 91 Resp: 92809

Ion Ratio Lower Upper

91 100

126 34.6 17.0 50.9



#80

1,3,5-Trimethylbenzene

Concen: 19.963 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021302.D

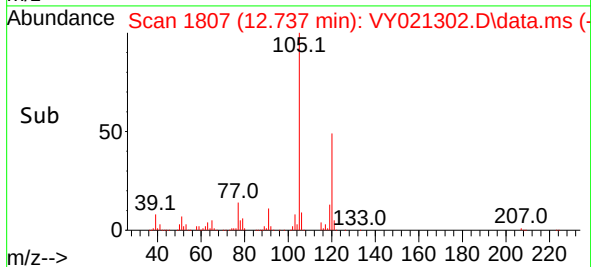
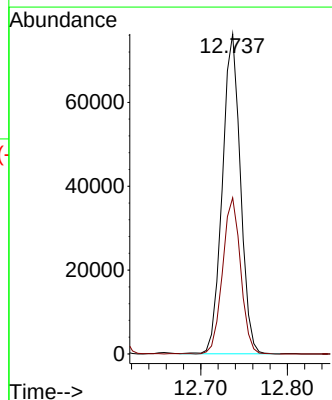
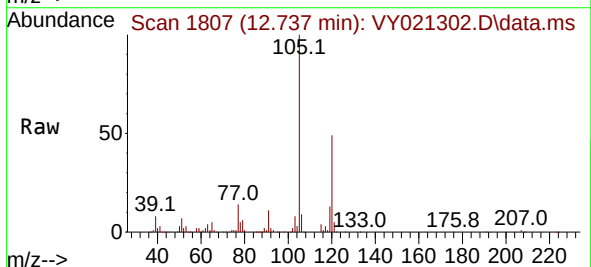
Acq: 24 Feb 2025 15:52

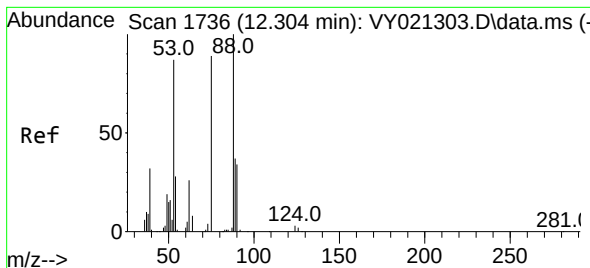
Tgt Ion:105 Resp: 110221

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8

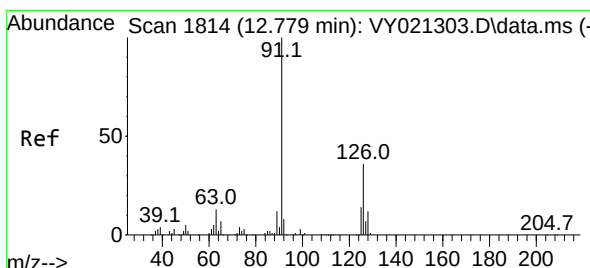
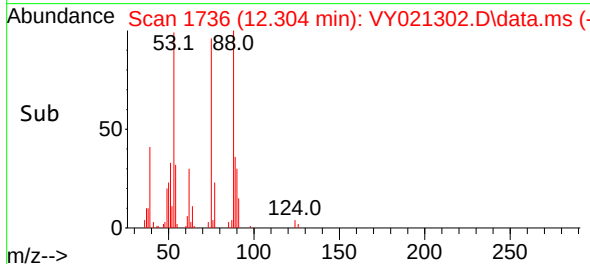
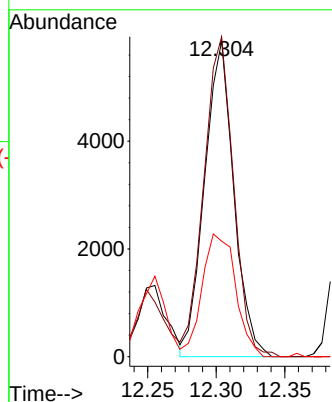
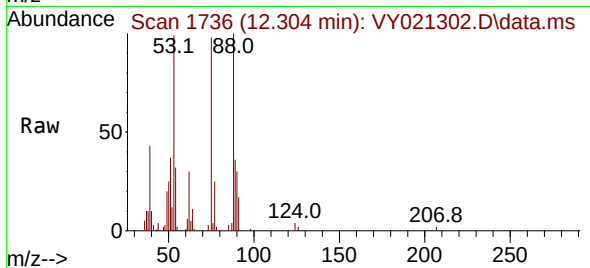




#81
trans-1,4-Dichloro-2-butene
Concen: 20.497 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

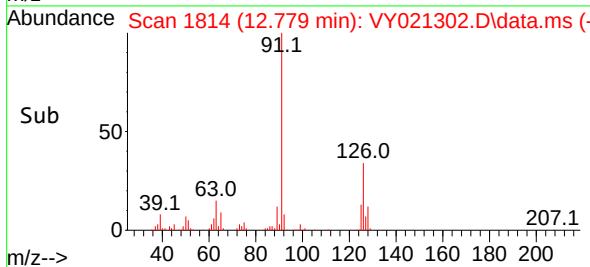
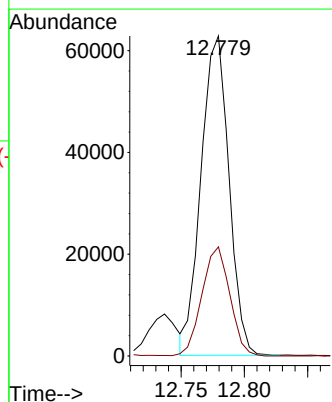
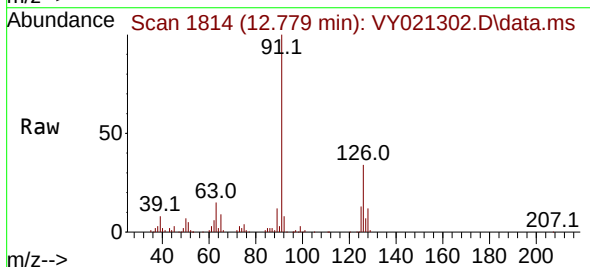
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

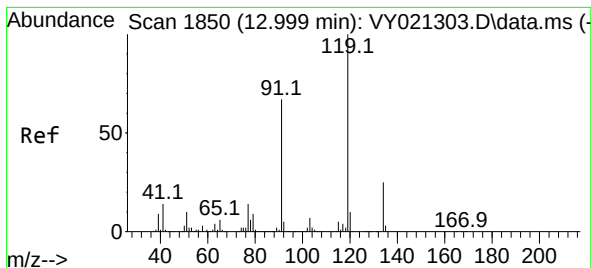
Tgt Ion: 75 Resp: 8670
Ion Ratio Lower Upper
75 100
53 102.8 79.8 119.8
89 44.5 36.4 54.6



#82
4-Chlorotoluene
Concen: 19.757 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion: 91 Resp: 96383
Ion Ratio Lower Upper
91 100
126 34.2 16.9 50.6





#83

tert-Butylbenzene

Concen: 20.506 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

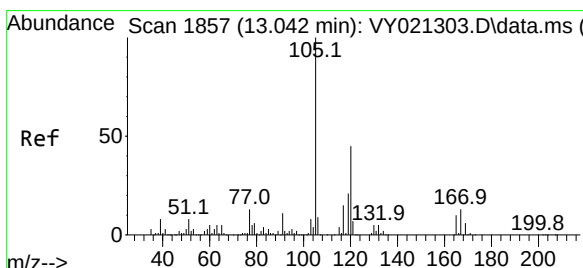
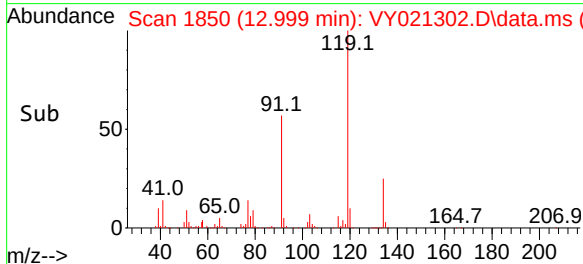
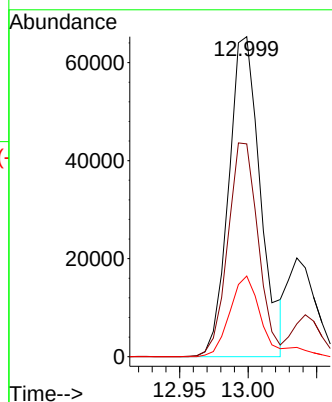
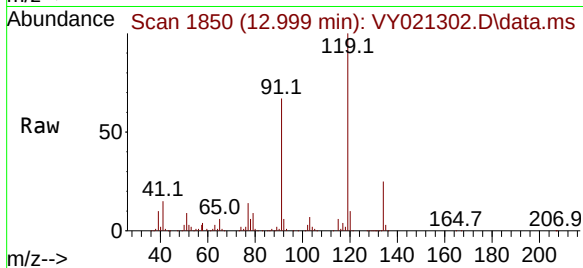
Tgt Ion:119 Resp: 105345

Ion Ratio Lower Upper

119 100

91 64.0 32.4 97.2

134 26.0 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 20.293 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021302.D

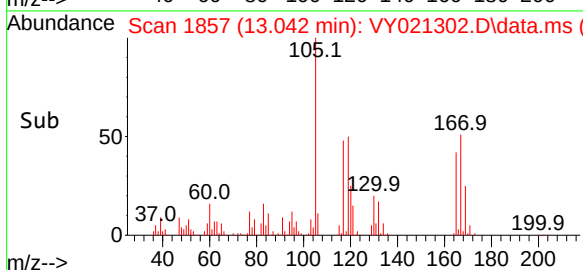
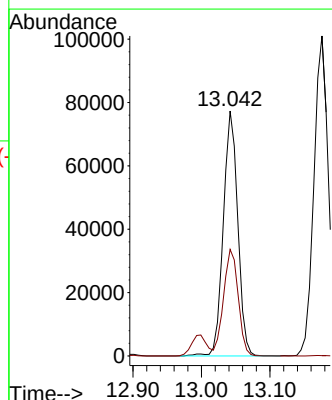
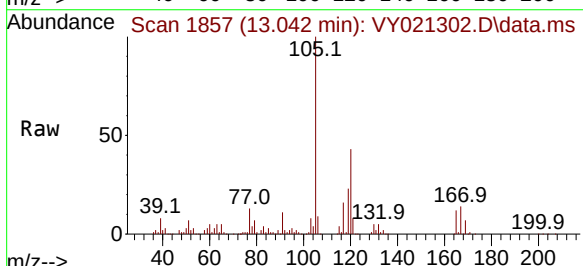
Acq: 24 Feb 2025 15:52

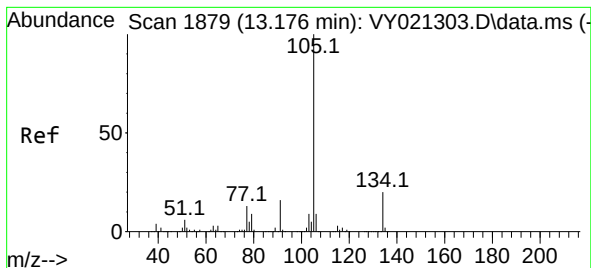
Tgt Ion:105 Resp: 112902

Ion Ratio Lower Upper

105 100

120 43.9 22.1 66.5





#85

sec-Butylbenzene

Concen: 20.066 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

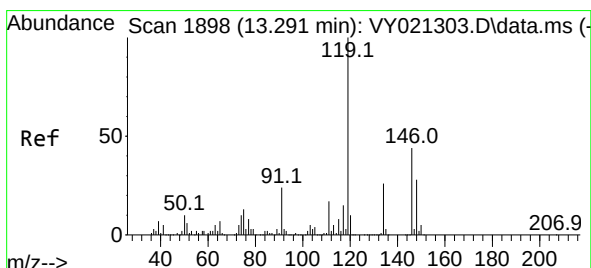
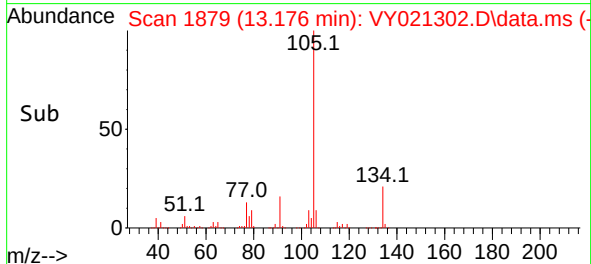
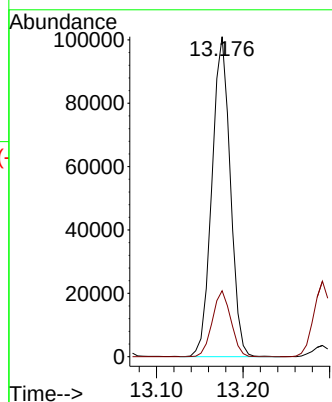
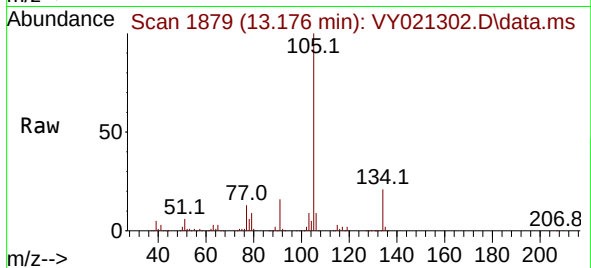
VSTDIC020

Tgt Ion:105 Resp: 148605

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.3



#86

p-Isopropyltoluene

Concen: 20.343 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

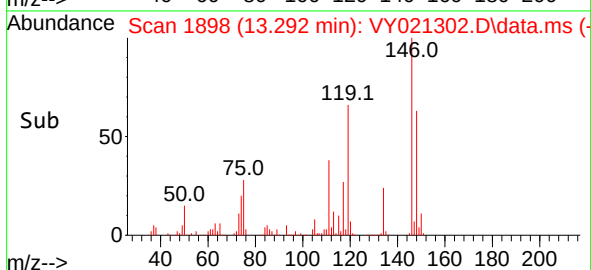
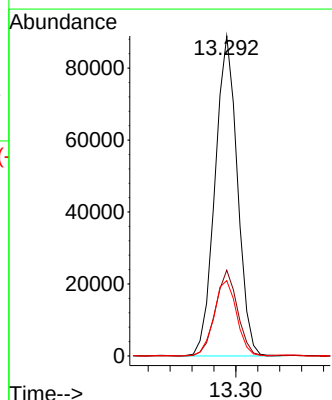
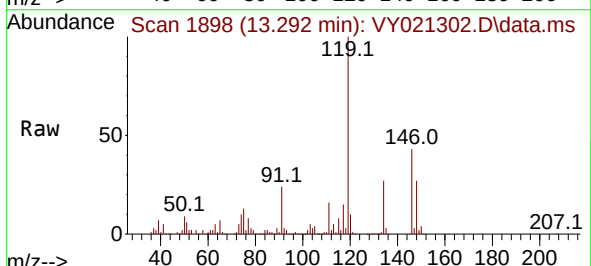
Tgt Ion:119 Resp: 126076

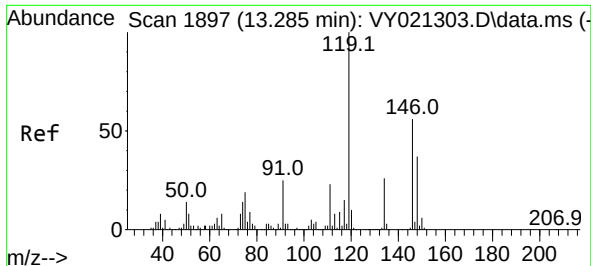
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 24.0 12.0 36.0

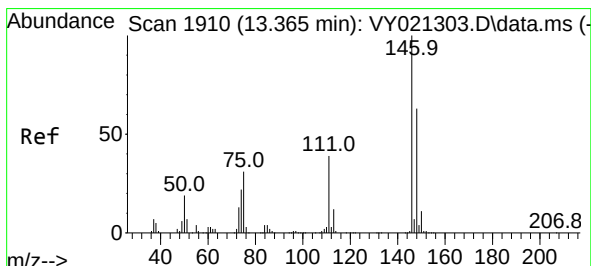
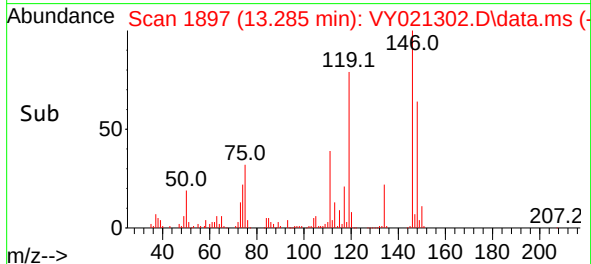
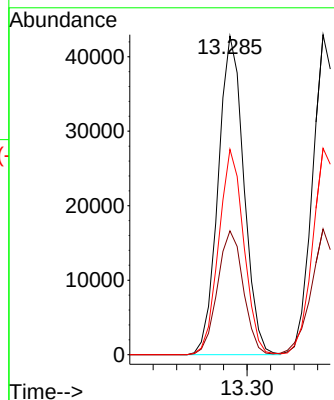
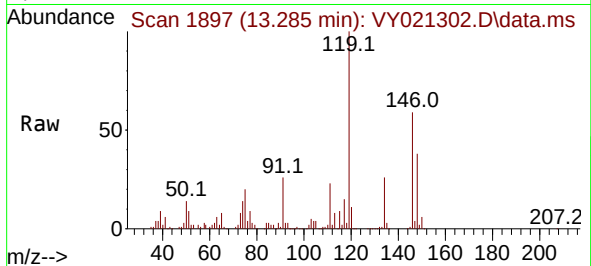




#87
1,3-Dichlorobenzene
Concen: 20.044 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

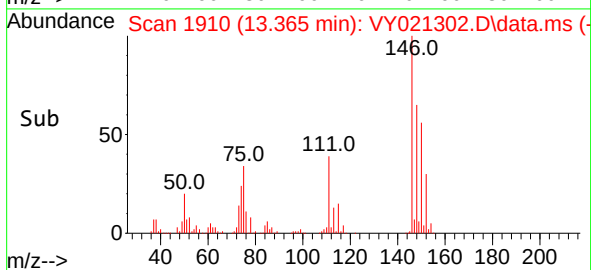
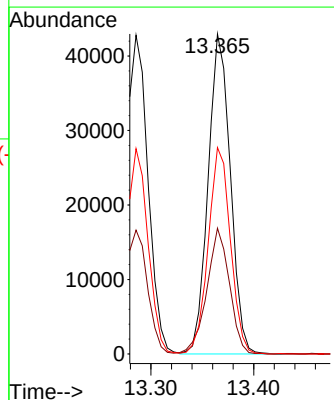
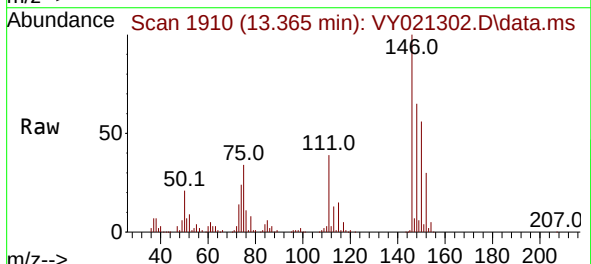
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

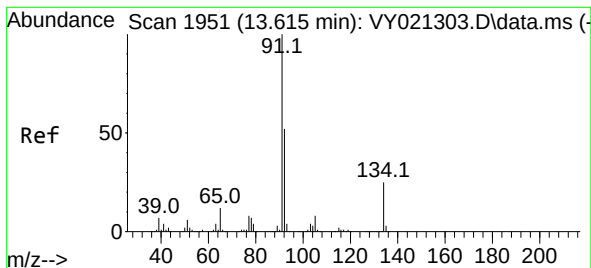
Tgt Ion:146 Resp: 64982
Ion Ratio Lower Upper
146 100
111 39.0 19.8 59.4
148 63.0 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 20.154 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021302.D
Acq: 24 Feb 2025 15:52

Tgt Ion:146 Resp: 64444
Ion Ratio Lower Upper
146 100
111 40.0 19.3 57.9
148 64.6 31.6 94.8





#89

n-Butylbenzene

Concen: 20.200 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

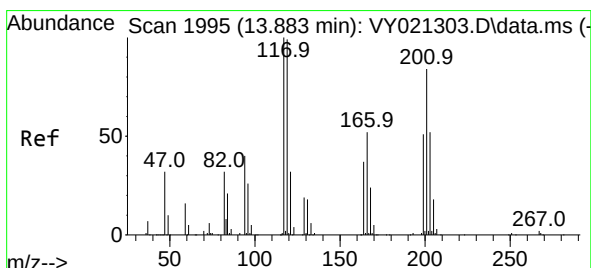
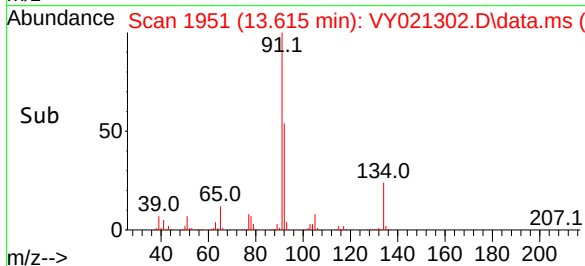
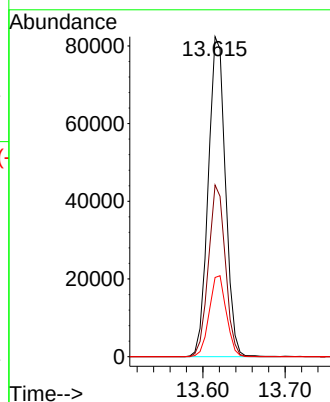
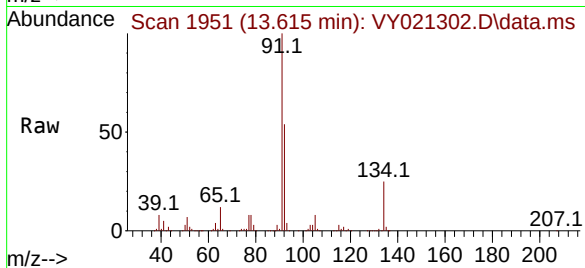
Tgt Ion: 91 Resp: 119362

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.2

134 25.2 12.8 38.3



#90

Hexachloroethane

Concen: 20.232 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021302.D

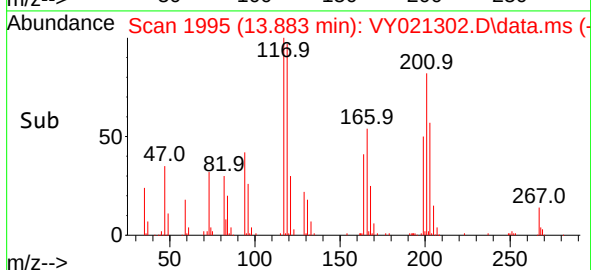
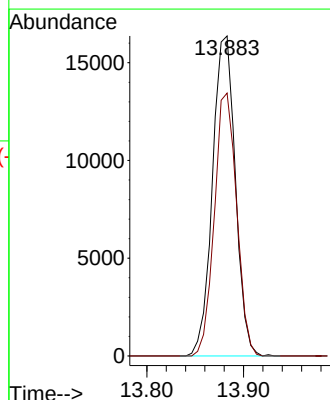
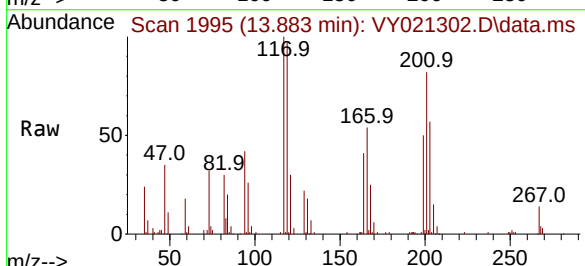
Acq: 24 Feb 2025 15:52

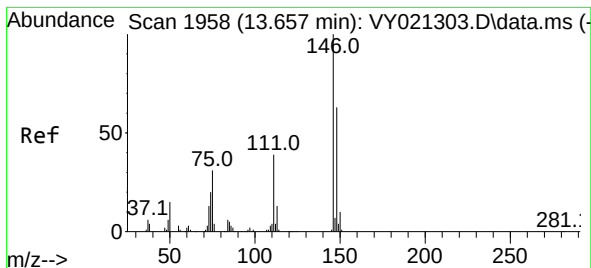
Tgt Ion: 117 Resp: 26883

Ion Ratio Lower Upper

117 100

201 79.9 39.5 118.3





#91

1,2-Dichlorobenzene

Concen: 20.418 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

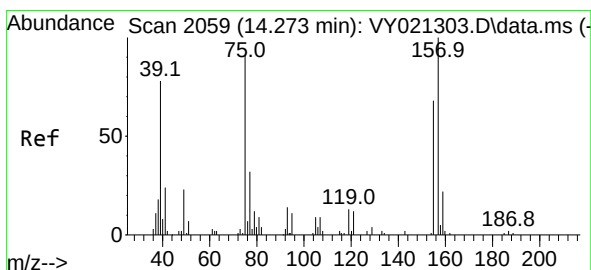
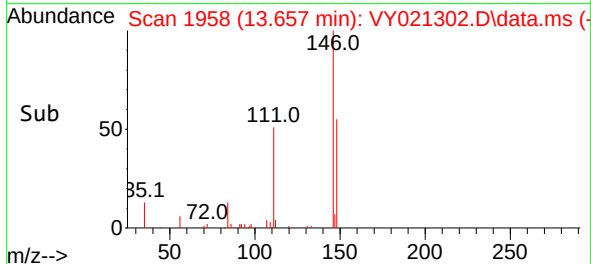
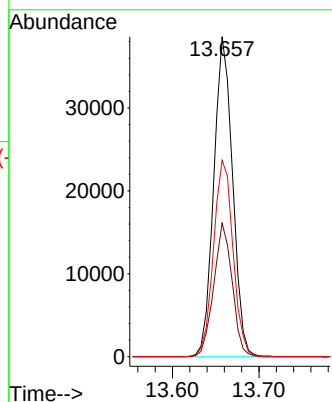
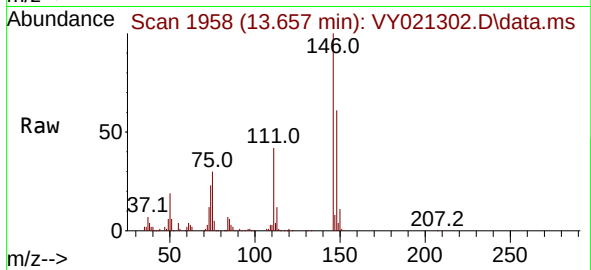
Tgt Ion:146 Resp: 58385

Ion Ratio Lower Upper

146 100

111 40.6 20.5 61.5

148 63.4 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.617 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

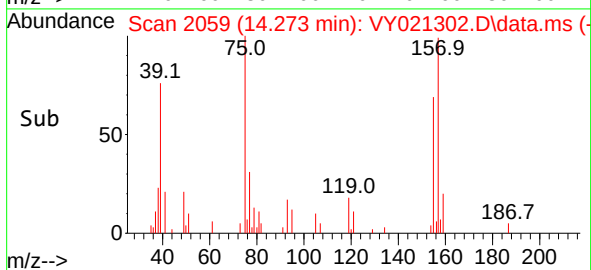
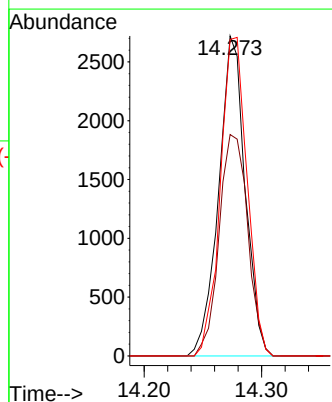
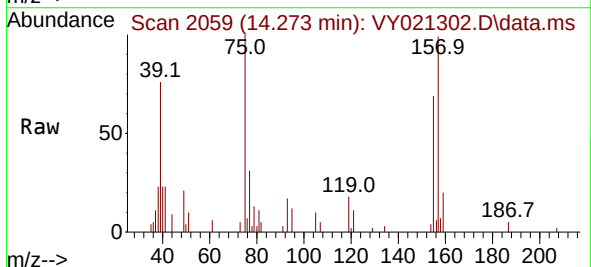
Tgt Ion: 75 Resp: 4271

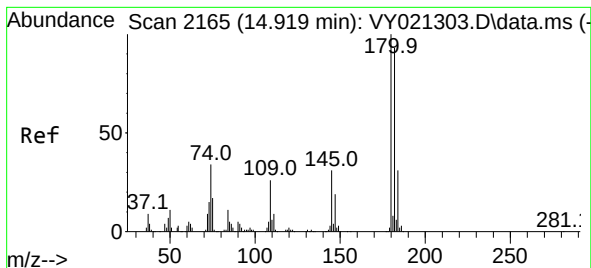
Ion Ratio Lower Upper

75 100

155 74.6 41.8 125.3

157 100.2 55.3 165.9





#93

1,2,4-Trichlorobenzene

Concen: 19.924 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

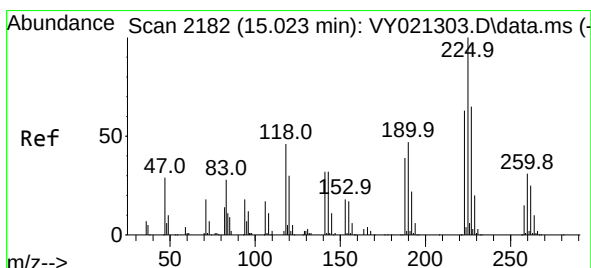
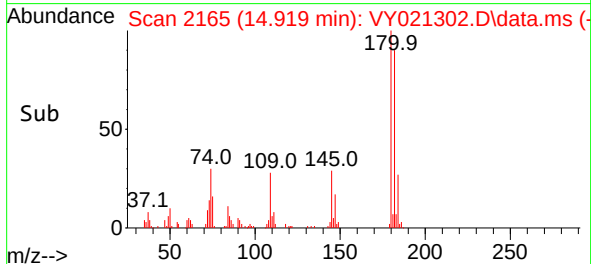
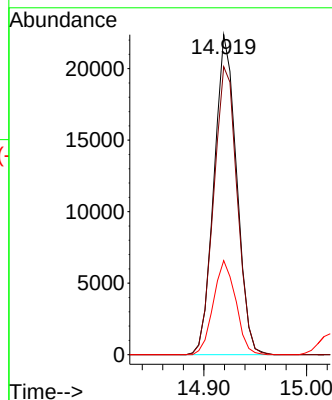
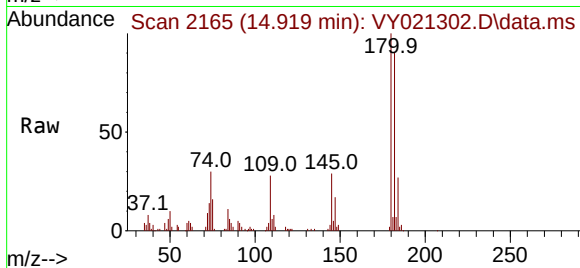
Tgt Ion:180 Resp: 34098

Ion Ratio Lower Upper

180 100

182 93.7 47.8 143.4

145 29.1 15.2 45.6



#94

Hexachlorobutadiene

Concen: 20.266 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

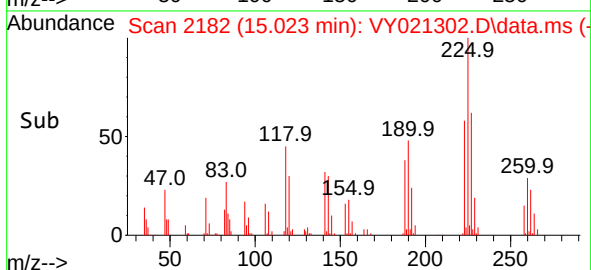
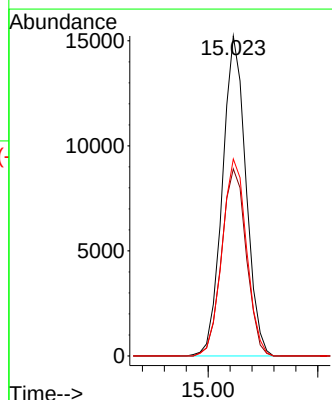
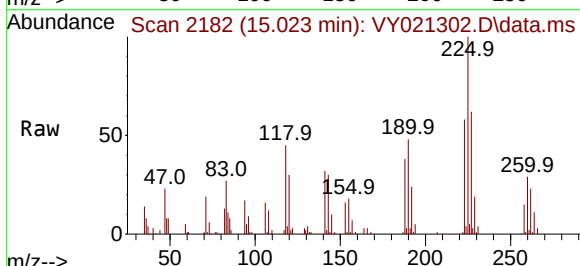
Tgt Ion:225 Resp: 22663

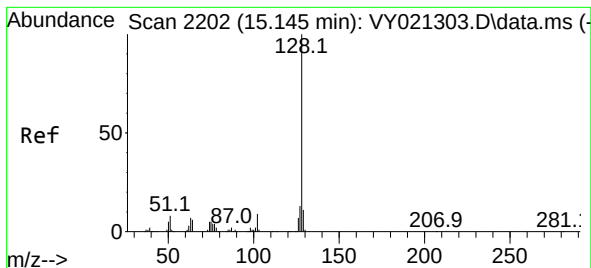
Ion Ratio Lower Upper

225 100

223 61.3 30.7 92.1

227 64.0 31.8 95.3





#95

Naphthalene

Concen: 19.483 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

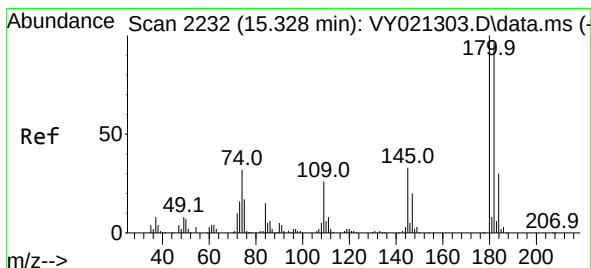
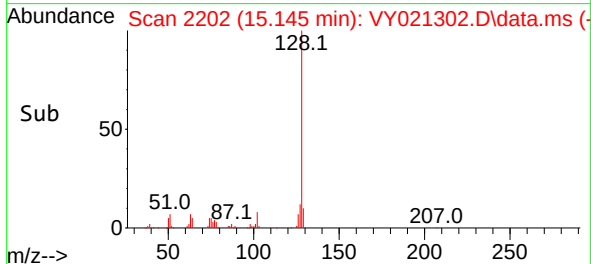
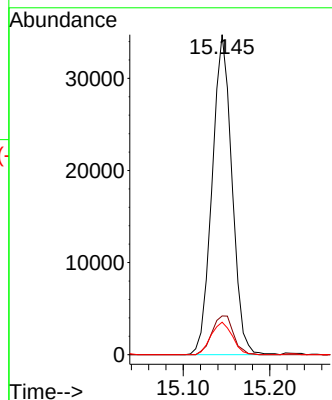
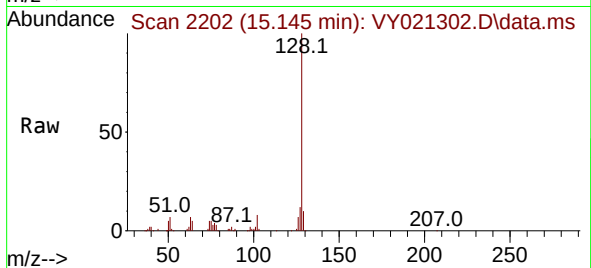
Tgt Ion:128 Resp: 55286

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.698 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021302.D

Acq: 24 Feb 2025 15:52

Tgt Ion:180 Resp: 28942

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.5

145 32.7 16.2 48.5

