

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022425\
 Data File : VY021301.D
 Acq On : 24 Feb 2025 15:29
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Feb 25 01:20:56 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	143629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	223002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	193685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	96676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	14598	9.559	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	19.120%#
35) Dibromofluoromethane	7.634	113	14455	10.142	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.280%#
50) Toluene-d8	10.103	98	49729	9.525	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.040%#
62) 4-Bromofluorobenzene	12.401	95	17728	9.832	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.660%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	10080	10.412	ug/l	99
3) Chloromethane	2.068	50	9820	10.632	ug/l	98
4) Vinyl Chloride	2.202	62	11026	8.676	ug/l	97
5) Bromomethane	2.592	94	7939	9.160	ug/l	93
6) Chloroethane	2.732	64	7945	9.166	ug/l	93
7) Trichlorofluoromethane	3.062	101	20737	9.800	ug/l	96
8) Diethyl Ether	3.452	74	6299	9.630	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	12733	10.002	ug/l	97
10) Methyl Iodide	4.000	142	8881	7.414	ug/l	99
11) Tert butyl alcohol	4.854	59	7556	58.897	ug/l #	90
12) 1,1-Dichloroethene	3.793	96	9431	8.740	ug/l	91
13) Acrolein	3.647	56	5422	58.236	ug/l	100
14) Allyl chloride	4.378	41	17869	8.952	ug/l	98
15) Acrylonitrile	5.061	53	15856	50.761	ug/l	100
16) Acetone	3.872	43	15124	52.913	ug/l	99
17) Carbon Disulfide	4.104	76	13954	5.529	ug/l #	94
18) Methyl Acetate	4.385	43	8071	9.380	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	33383	9.760	ug/l	98
20) Methylene Chloride	4.610	84	14216	10.187	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	10194	8.628	ug/l	97
22) Diisopropyl ether	6.018	45	46422	9.852	ug/l	95
23) Vinyl Acetate	5.964	43	122275	46.525	ug/l	98
24) 1,1-Dichloroethane	5.915	63	24936	9.693	ug/l	99
25) 2-Butanone	6.896	43	21589	49.243	ug/l	96
26) 2,2-Dichloropropane	6.884	77	24972	10.394	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	14407	9.339	ug/l	95
28) Bromochloromethane	7.244	49	9779	8.412	ug/l	100
29) Tetrahydrofuran	7.262	42	12637	46.247	ug/l	99
30) Chloroform	7.414	83	27813	10.262	ug/l	98
31) Cyclohexane	7.701	56	17128	8.633	ug/l #	88
32) 1,1,1-Trichloroethane	7.616	97	24246	10.022	ug/l	99
36) 1,1-Dichloropropene	7.835	75	15482	8.983	ug/l	99
37) Ethyl Acetate	6.994	43	9703	10.019	ug/l	98
38) Carbon Tetrachloride	7.817	117	20923	9.816	ug/l	95
39) Methylcyclohexane	9.103	83	16795	8.420	ug/l	87
40) Benzene	8.079	78	49965	9.331	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	4941	9.585	ug/l #	69
42) 1,2-Dichloroethane	8.158	62	16079	9.833	ug/l	100
43) Isopropyl Acetate	8.195	43	18640	9.558	ug/l #	88
44) Trichloroethene	8.865	130	12556	9.377	ug/l	94
45) 1,2-Dichloropropane	9.140	63	13611	9.750	ug/l	96
46) Dibromomethane	9.237	93	7453	9.759	ug/l	97
47) Bromodichloromethane	9.420	83	21687	10.211	ug/l	97
48) Methyl methacrylate	9.219	41	8325	9.394	ug/l	93
49) 1,4-Dioxane	9.225	88	1572	180.871	ug/l	86
51) 4-Methyl-2-Pentanone	9.999	43	51062	49.255	ug/l	98
52) Toluene	10.170	92	31801	9.311	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	18239	9.551	ug/l	91
54) cis-1,3-Dichloropropene	9.853	75	20546	9.476	ug/l	95
55) 1,1,2-Trichloroethane	10.572	97	11065	10.428	ug/l	99
56) Ethyl methacrylate	10.438	69	12489	9.011	ug/l	99
57) 1,3-Dichloropropane	10.719	76	18395	10.236	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	28011	40.332	ug/l	99
59) 2-Hexanone	10.761	43	31787	46.777	ug/l	100
60) Dibromochloromethane	10.914	129	14808	10.227	ug/l	99
61) 1,2-Dibromoethane	11.017	107	9184	9.714	ug/l	95
64) Tetrachloroethene	10.646	164	11308	9.376	ug/l	90
65) Chlorobenzene	11.438	112	37345	9.723	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	15221	10.584	ug/l	97
67) Ethyl Benzene	11.517	91	64188	9.534	ug/l	97
68) m/p-Xylenes	11.627	106	47449	19.005	ug/l	100
69) o-Xylene	11.956	106	23005	9.579	ug/l	98
70) Styrene	11.969	104	39076	9.593	ug/l	99
71) Bromoform	12.133	173	8884	10.595	ug/l #	100
73) Isopropylbenzene	12.255	105	64937	9.944	ug/l	99
74) N-amyl acetate	12.072	43	16000	9.273	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	12903	10.491	ug/l	93
76) 1,2,3-Trichloropropane	12.554	75	9129m	10.198	ug/l	
77) Bromobenzene	12.529	156	15419	9.954	ug/l	98
78) n-propylbenzene	12.596	91	77209	9.732	ug/l	100
79) 2-Chlorotoluene	12.682	91	45527	9.976	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	52836	9.835	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	3833	9.314	ug/l	88
82) 4-Chlorotoluene	12.779	91	47811	10.073	ug/l	100
83) tert-Butylbenzene	12.999	119	50885	10.180	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	53562	9.895	ug/l	99
85) sec-Butylbenzene	13.176	105	73765	10.237	ug/l	100
86) p-Isopropyltoluene	13.291	119	60954	10.109	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	32311	10.244	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	32508	10.449	ug/l	97
89) n-Butylbenzene	13.615	91	57052	9.923	ug/l	99
90) Hexachloroethane	13.877	117	13440	10.396	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	28677	10.308	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2175	10.791	ug/l	87
93) 1,2,4-Trichlorobenzene	14.925	180	15676	9.414	ug/l	98
94) Hexachlorobutadiene	15.023	225	11755	10.804	ug/l	98
95) Naphthalene	15.145	128	23966	8.681	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	13677	9.567	ug/l	99

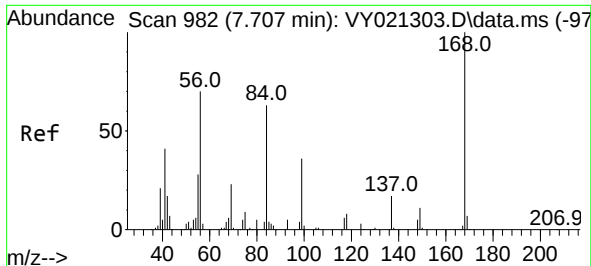
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Response via : Initial Calibration

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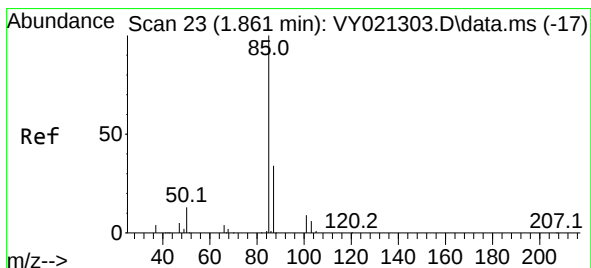
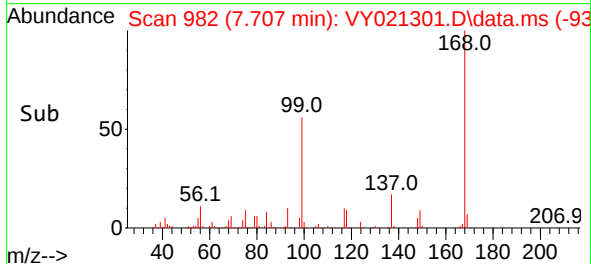
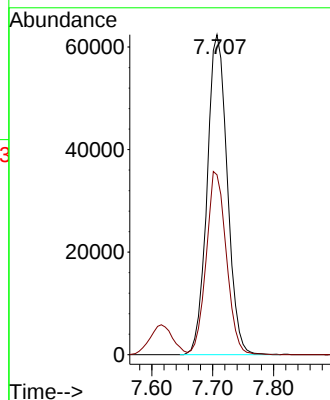
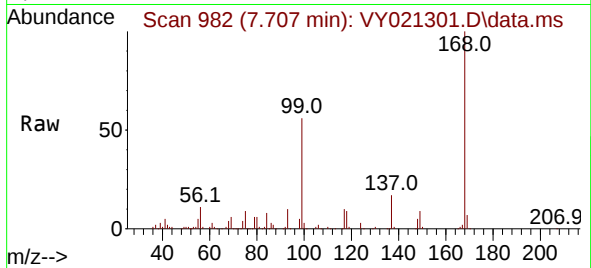
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

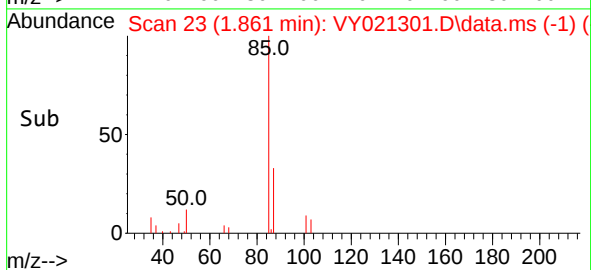
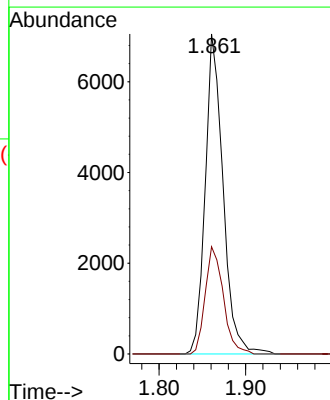
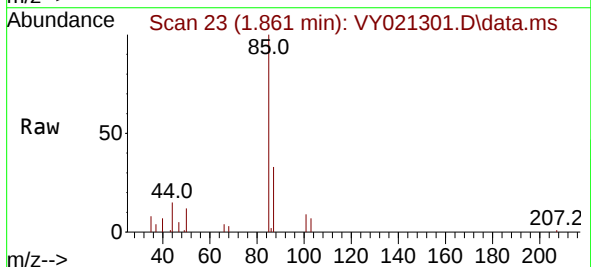
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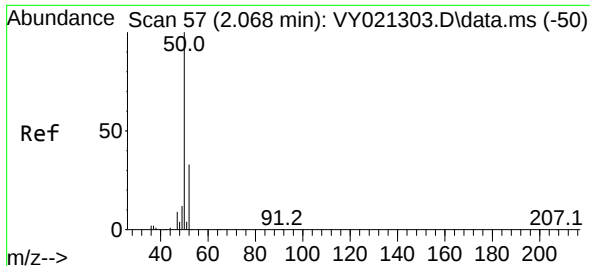
Tgt Ion:168 Resp: 143629
Ion Ratio Lower Upper
168 100
99 56.2 45.0 67.6



#2
Dichlorodifluoromethane
Concen: 10.412 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 85 Resp: 10080
Ion Ratio Lower Upper
85 100
87 33.5 16.9 50.7

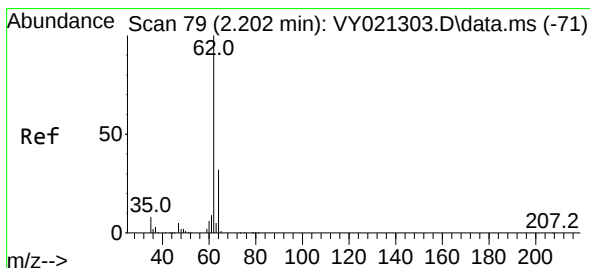
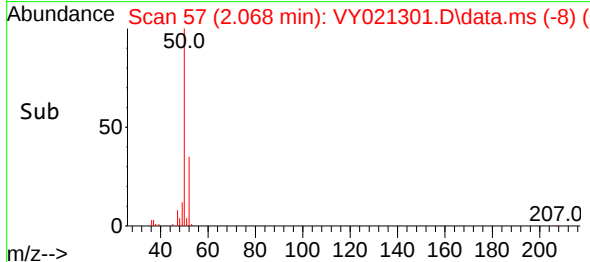
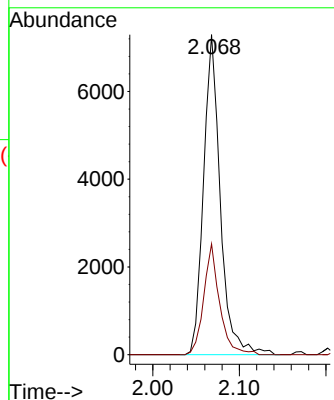
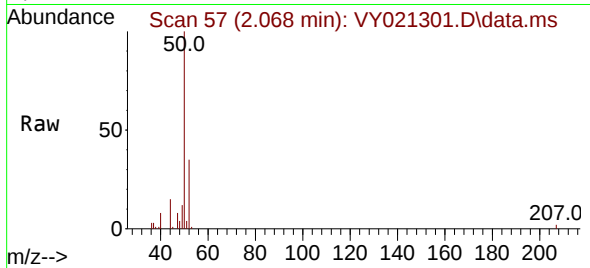




#3
Chloromethane
Concen: 10.632 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

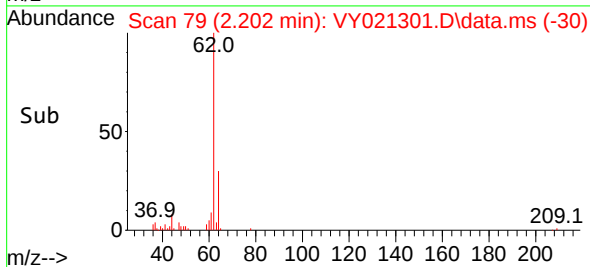
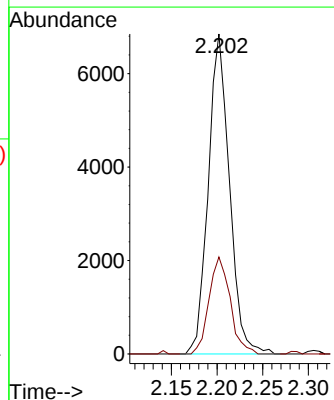
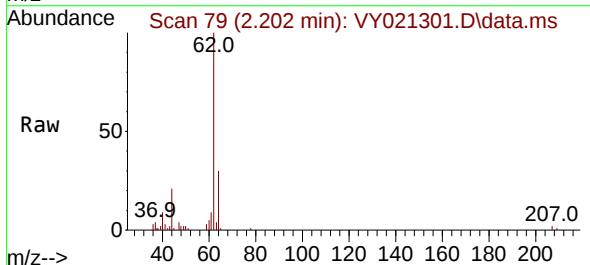
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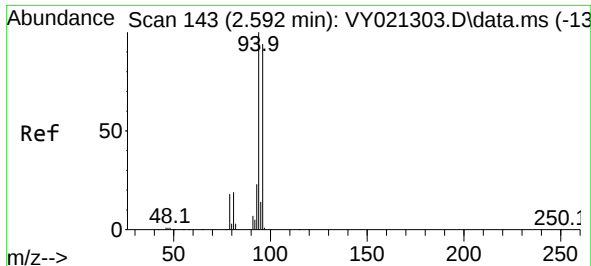
Tgt Ion: 50 Resp: 9820
Ion Ratio Lower Upper
50 100
52 34.6 26.6 40.0



#4
Vinyl Chloride
Concen: 8.676 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 62 Resp: 11026
Ion Ratio Lower Upper
62 100
64 30.3 25.4 38.0

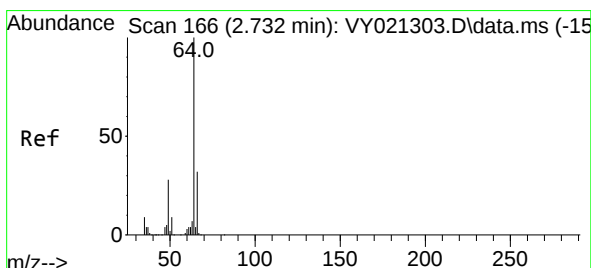
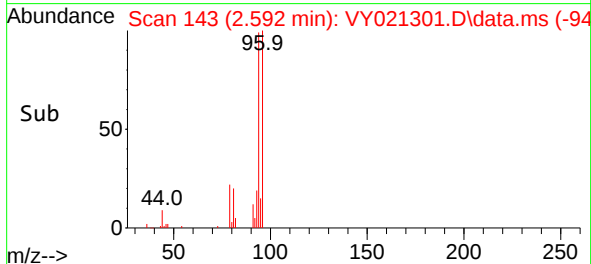
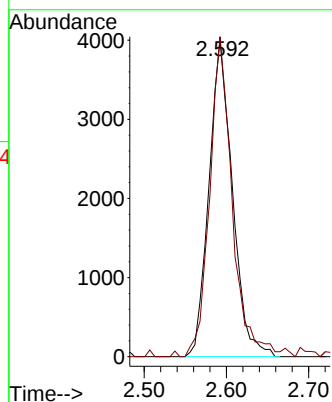
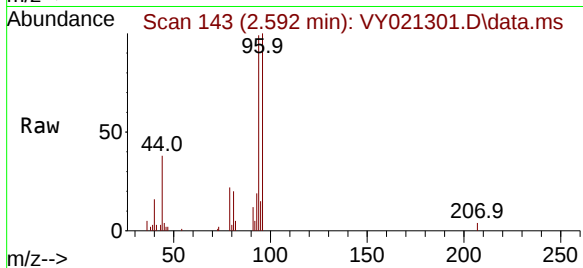




#5
Bromomethane
Concen: 9.160 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

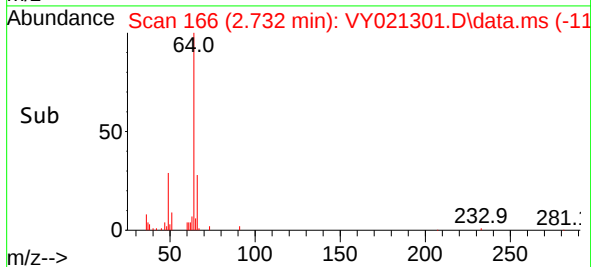
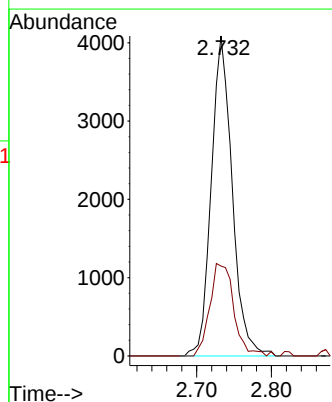
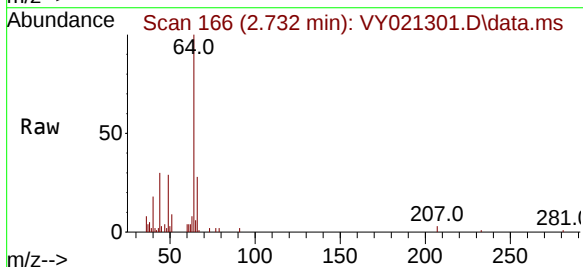
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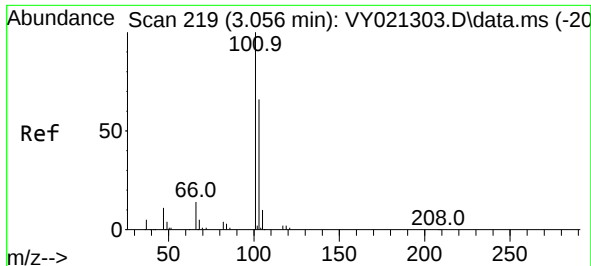
Tgt Ion: 94 Resp: 7939
Ion Ratio Lower Upper
94 100
96 100.9 75.2 112.8



#6
Chloroethane
Concen: 9.166 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 64 Resp: 7945
Ion Ratio Lower Upper
64 100
66 28.1 25.8 38.6

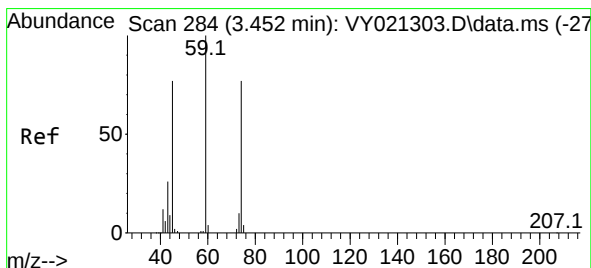
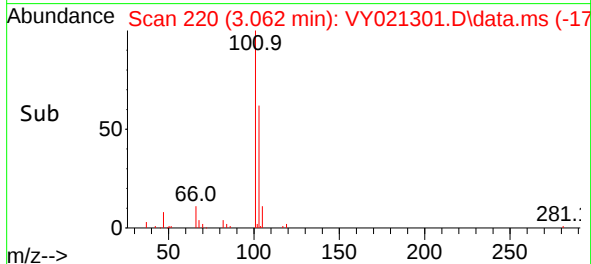
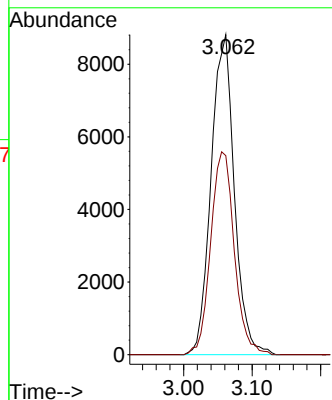
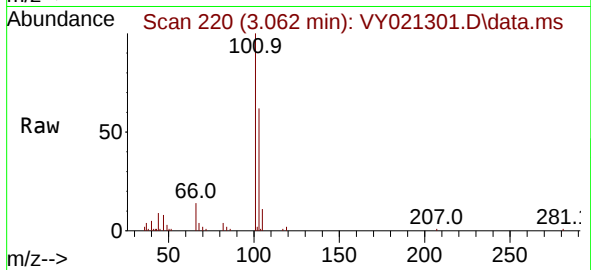




#7
 Trichlorofluoromethane
 Concen: 9.800 ug/l
 RT: 3.062 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY021301.D
 Acq: 24 Feb 2025 15:29

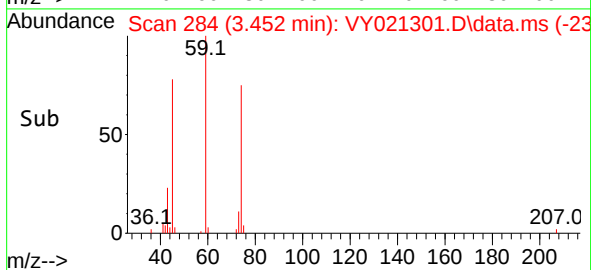
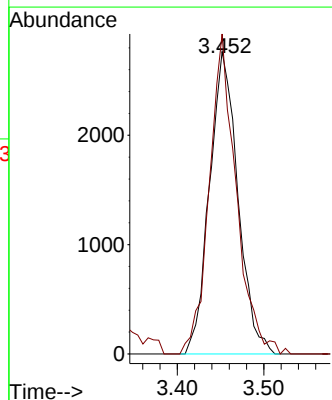
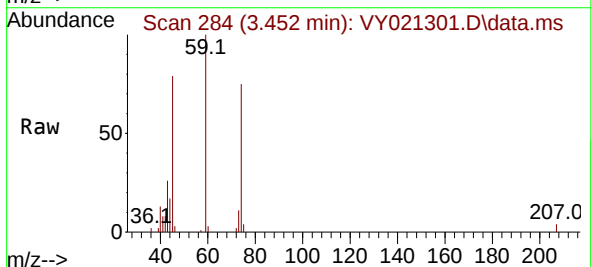
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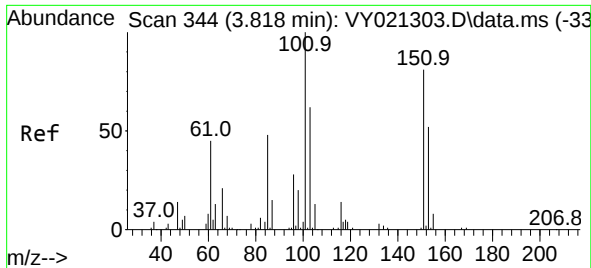
Tgt Ion:101 Resp: 20737
 Ion Ratio Lower Upper
 101 100
 103 62.2 52.5 78.7



#8
 Diethyl Ether
 Concen: 9.630 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY021301.D
 Acq: 24 Feb 2025 15:29

Tgt Ion: 74 Resp: 6299
 Ion Ratio Lower Upper
 74 100
 45 100.4 50.9 152.8

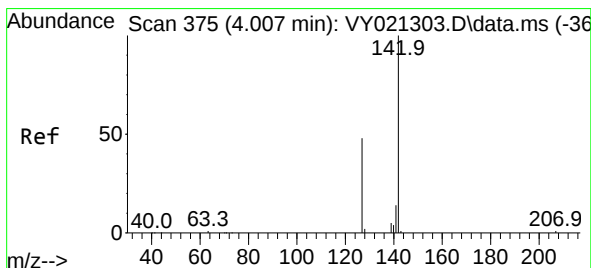
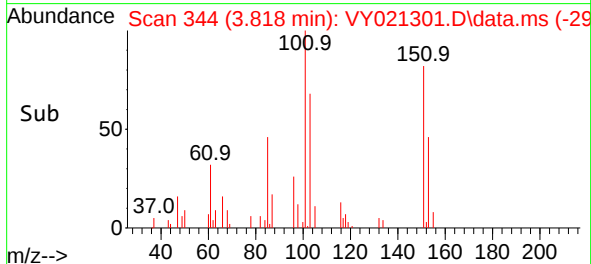
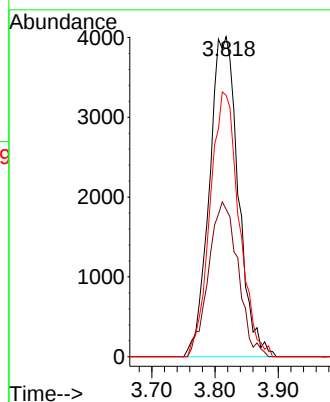
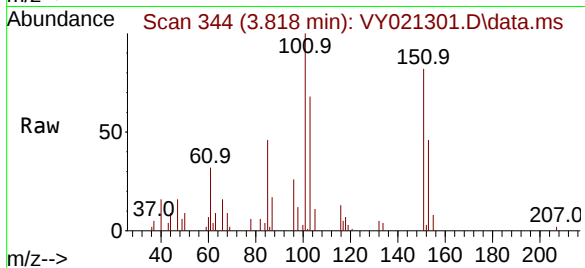




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.002 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY021301.D
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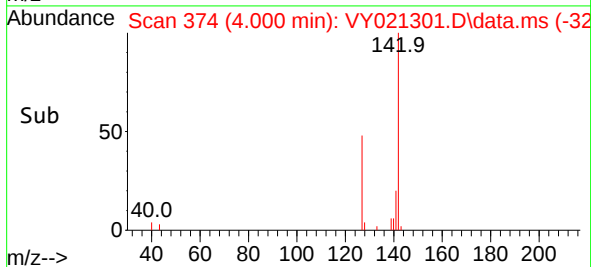
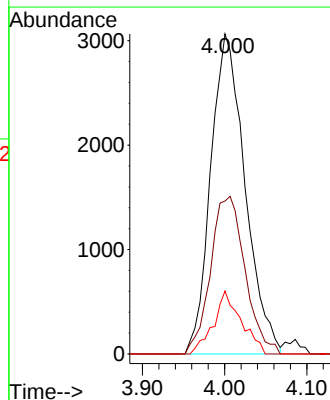
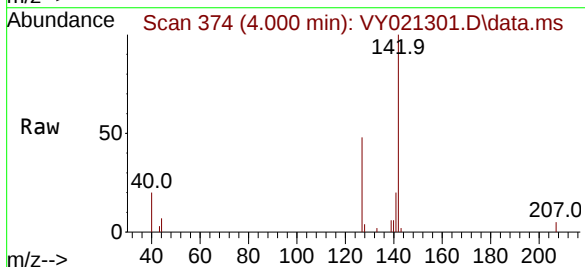
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ClientSampleId :
VSTDIC010

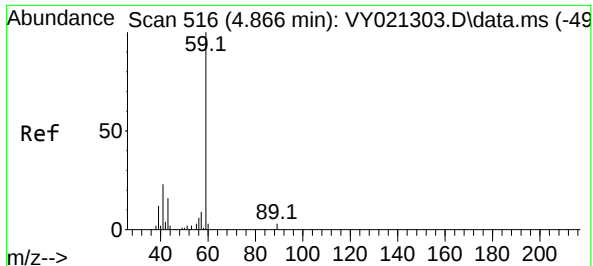
Tgt Ion:101 Resp: 12733
Ion Ratio Lower Upper
101 100
85 49.2 38.6 57.8
151 82.9 63.0 94.6



#10
Methyl Iodide
Concen: 7.414 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.007 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion:142 Resp: 8881
Ion Ratio Lower Upper
142 100
127 49.5 39.9 59.9
141 15.8 11.8 17.6

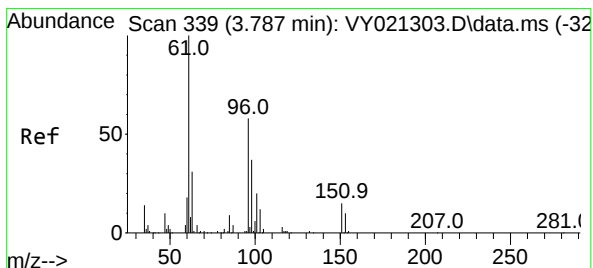
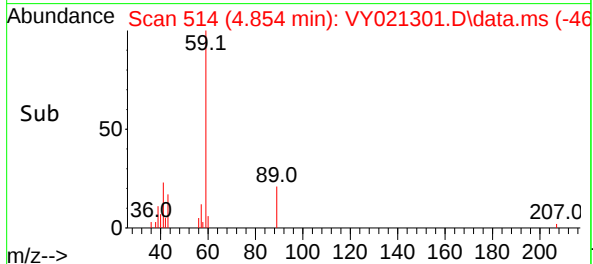
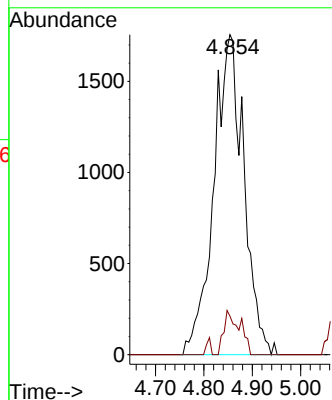
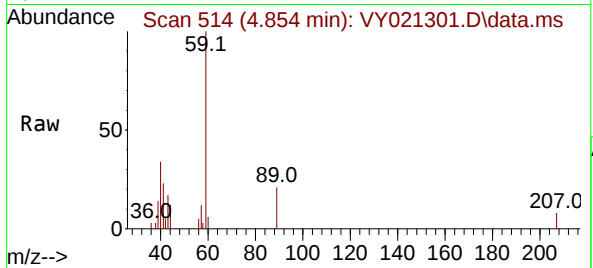




#11
Tert butyl alcohol
Concen: 58.897 ug/l
RT: 4.854 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

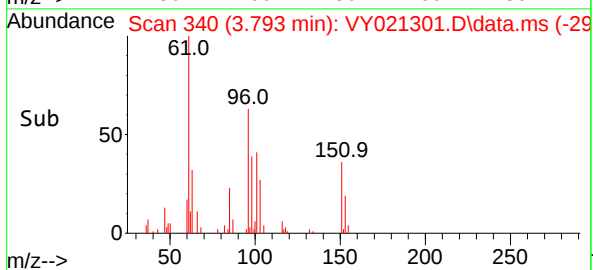
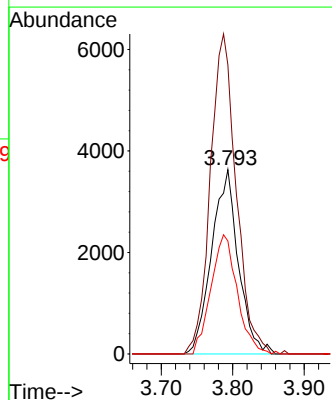
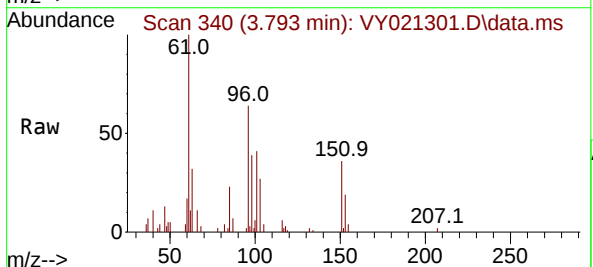
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

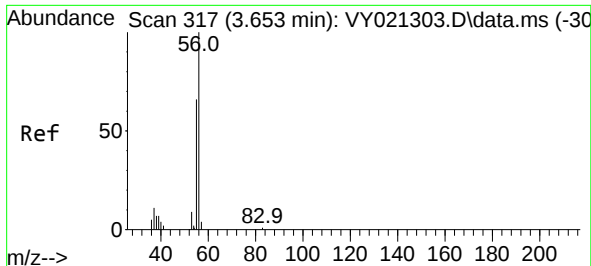
Tgt Ion: 59 Resp: 7556
Ion Ratio Lower Upper
59 100
57 7.4 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 8.740 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 96 Resp: 9431
Ion Ratio Lower Upper
96 100
61 156.8 137.8 206.6
98 61.3 50.8 76.2





#13

Acrolein

Concen: 58.236 ug/l

RT: 3.647 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

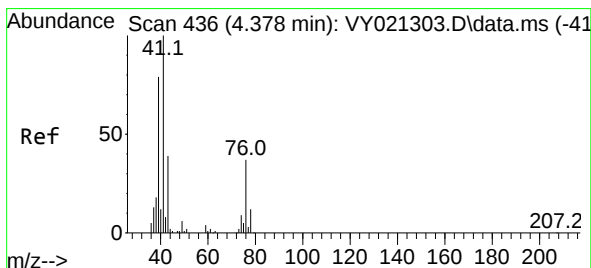
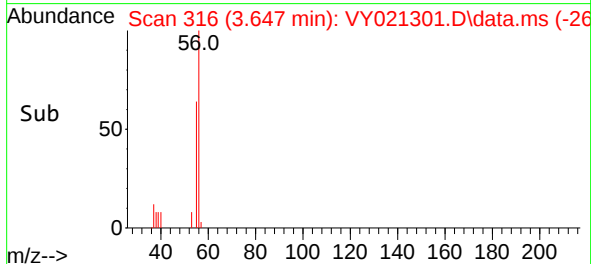
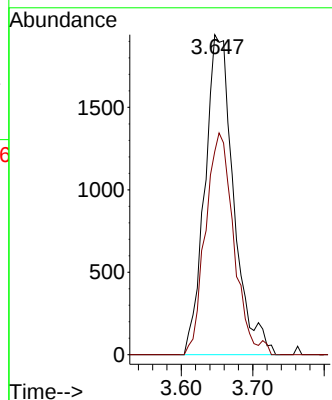
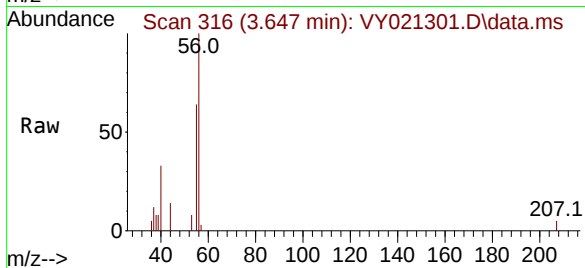
VSTDIC010

Tgt Ion: 56 Resp: 5422

Ion Ratio Lower Upper

56 100

55 68.3 54.8 82.2



#14

Allyl chloride

Concen: 8.952 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

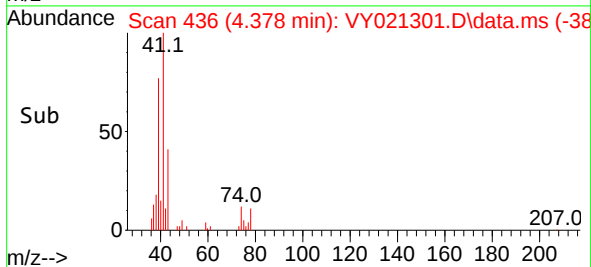
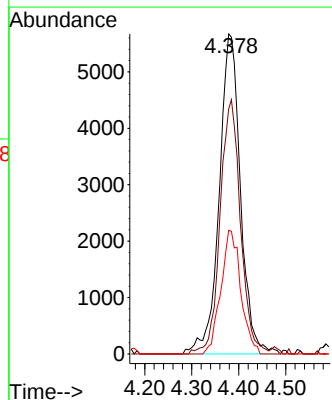
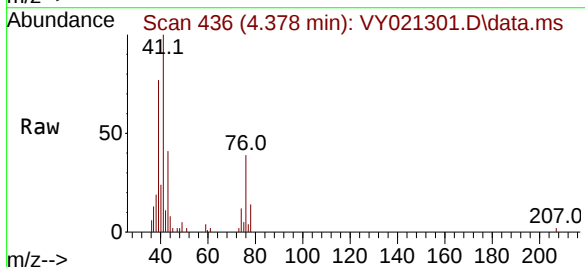
Tgt Ion: 41 Resp: 17869

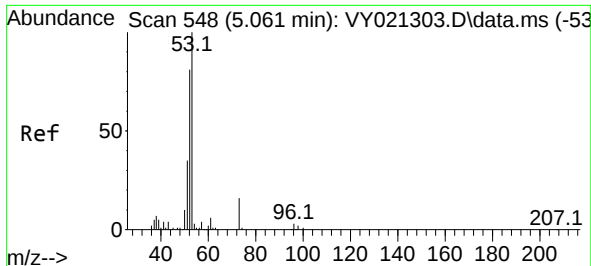
Ion Ratio Lower Upper

41 100

39 76.2 62.5 93.7

76 36.1 28.6 42.8

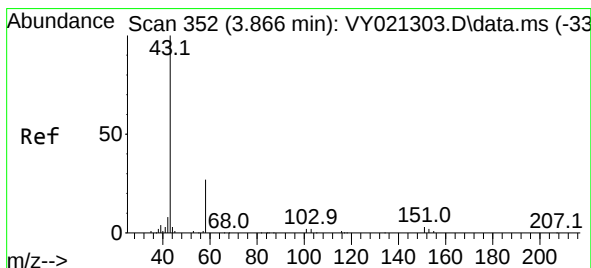
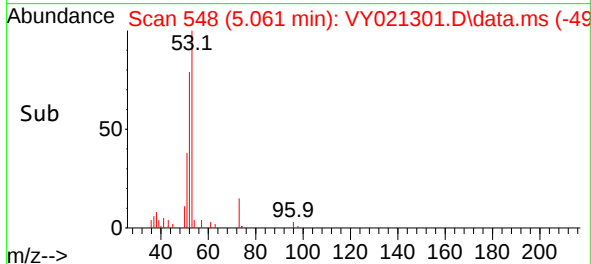
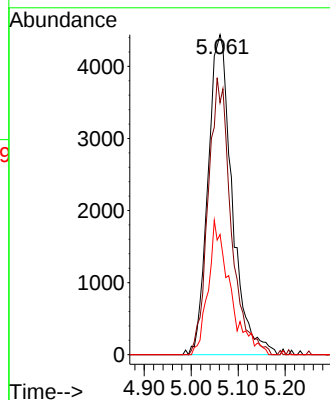
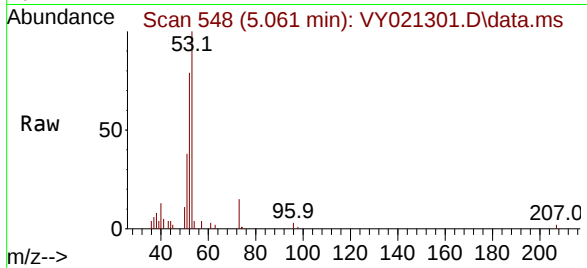




#15
Acrylonitrile
Concen: 50.761 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

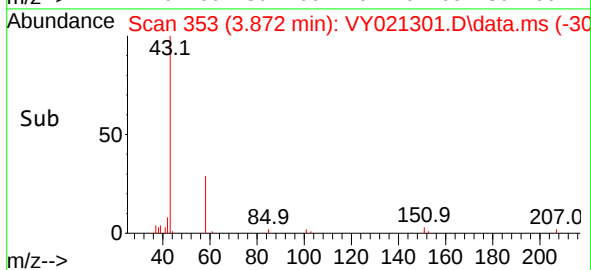
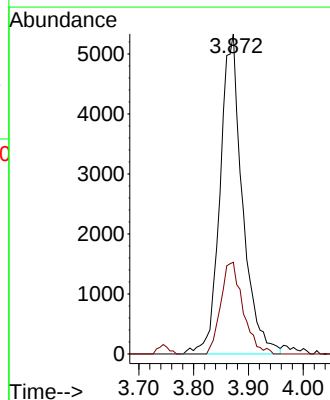
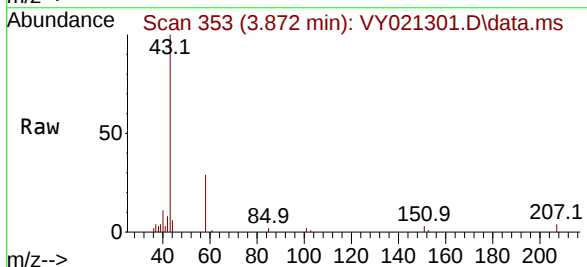
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

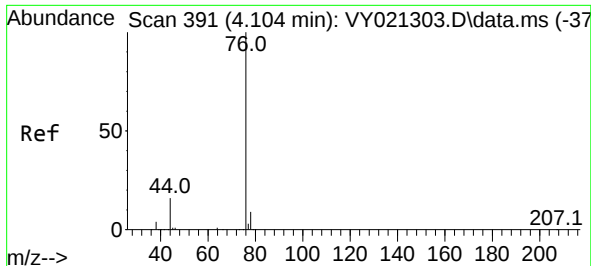
Tgt Ion: 53 Resp: 15856
Ion Ratio Lower Upper
53 100
52 82.0 65.5 98.3
51 38.5 30.4 45.6



#16
Acetone
Concen: 52.913 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 43 Resp: 15124
Ion Ratio Lower Upper
43 100
58 28.6 22.3 33.5





#17

Carbon Disulfide

Concen: 5.529 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

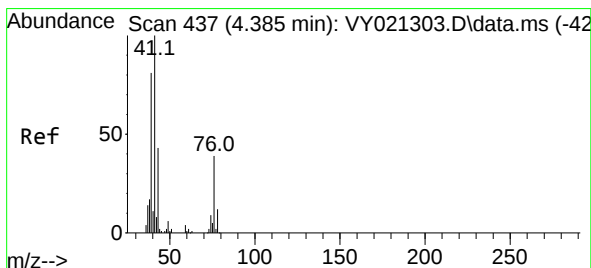
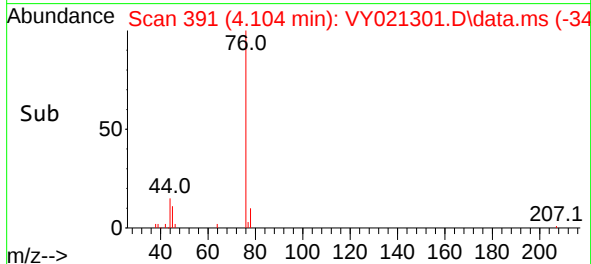
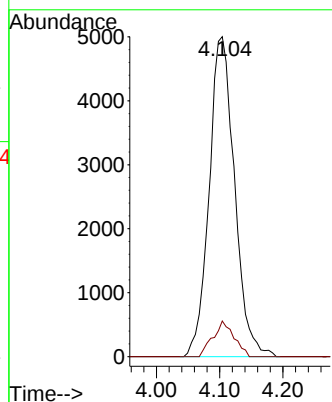
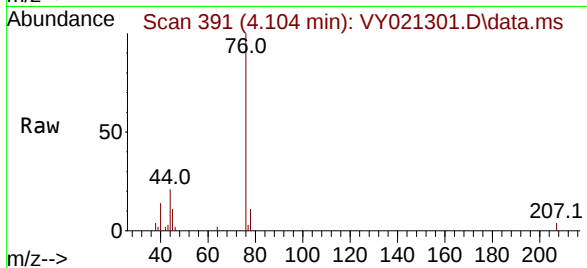
VSTDIC010

Tgt Ion: 76 Resp: 13954

Ion Ratio Lower Upper

76 100

78 11.2 7.2 10.8#



#18

Methyl Acetate

Concen: 9.380 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.000 min

Lab File: VY021301.D

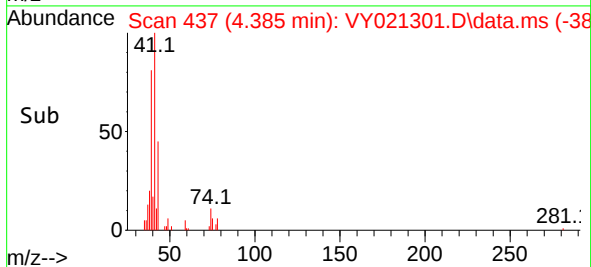
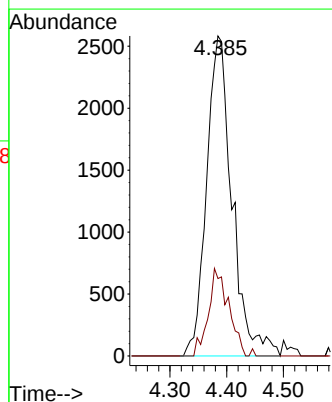
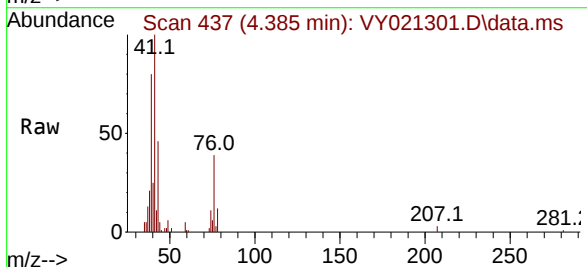
Acq: 24 Feb 2025 15:29

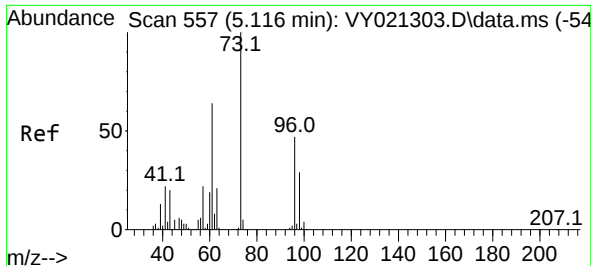
Tgt Ion: 43 Resp: 8071

Ion Ratio Lower Upper

43 100

74 21.7 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 9.760 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

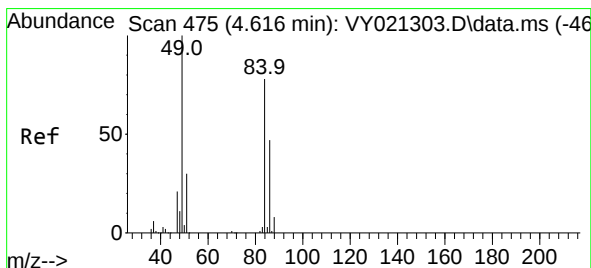
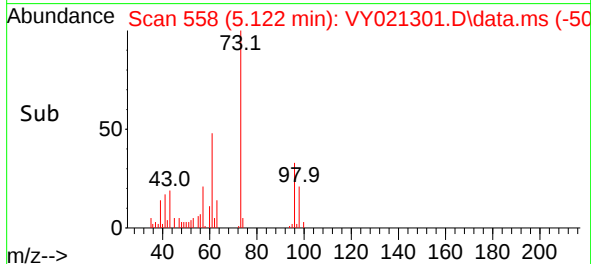
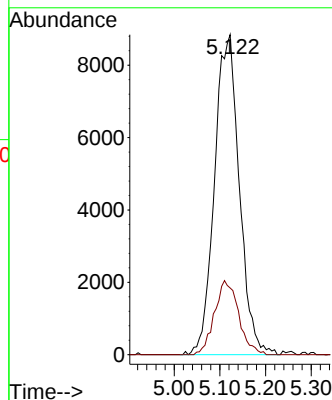
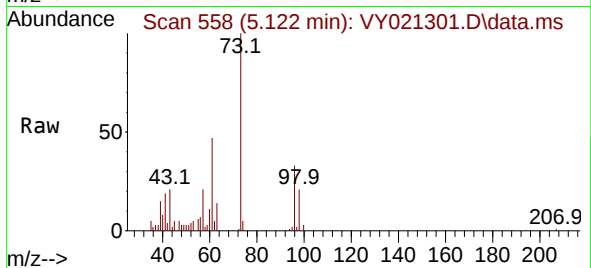
VSTDIC010

Tgt Ion: 73 Resp: 33383

Ion Ratio Lower Upper

73 100

57 20.9 17.4 26.0



#20

Methylene Chloride

Concen: 10.187 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

Tgt Ion: 84 Resp: 14216

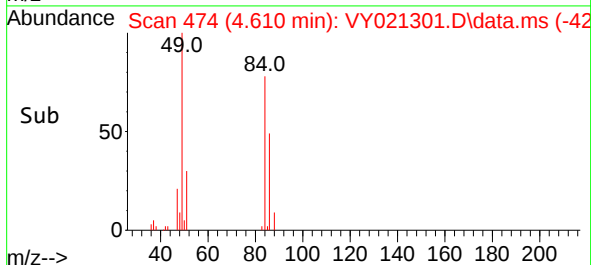
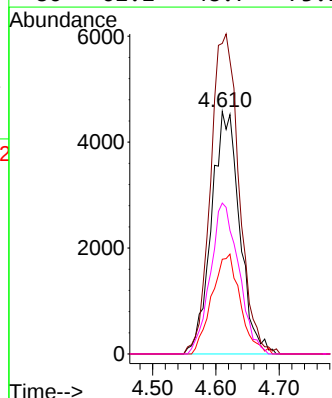
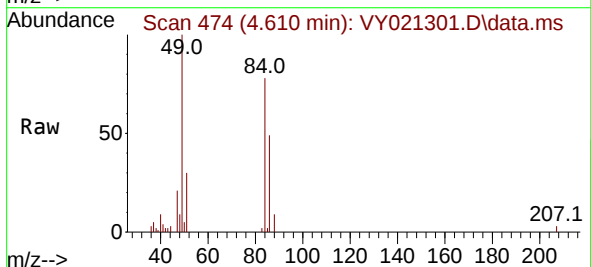
Ion Ratio Lower Upper

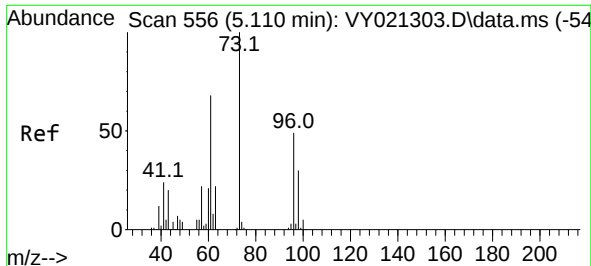
84 100

49 128.1 102.6 154.0

51 39.0 31.0 46.6

86 62.2 48.7 73.1

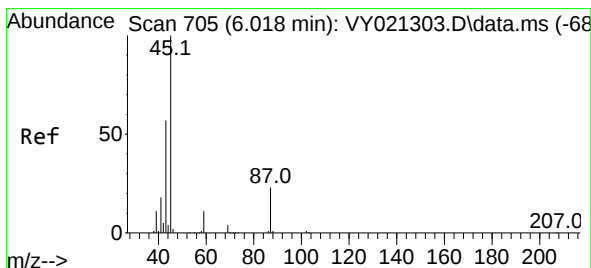
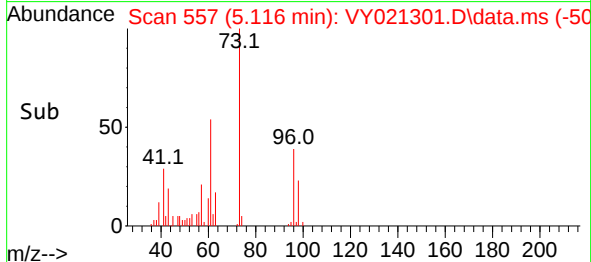
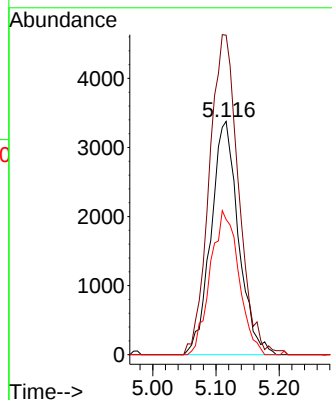
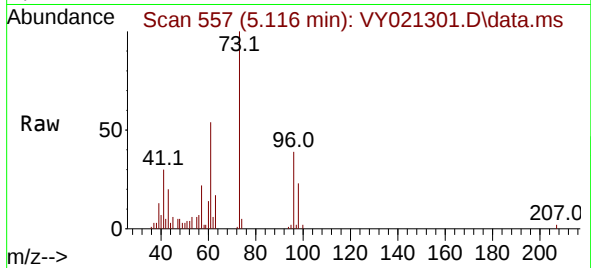




#21
trans-1,2-Dichloroethene
Concen: 8.628 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

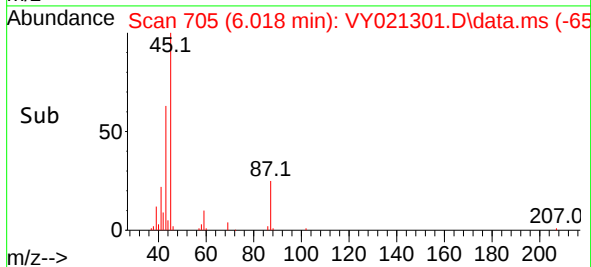
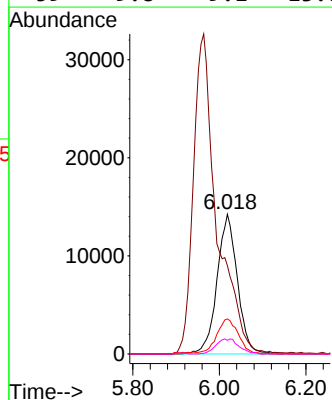
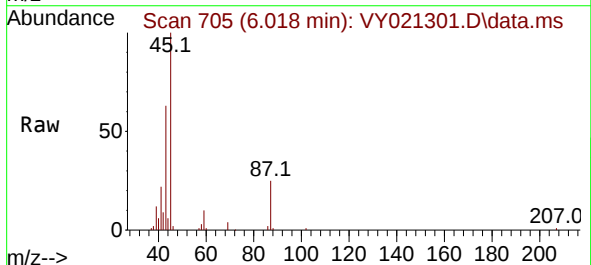
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

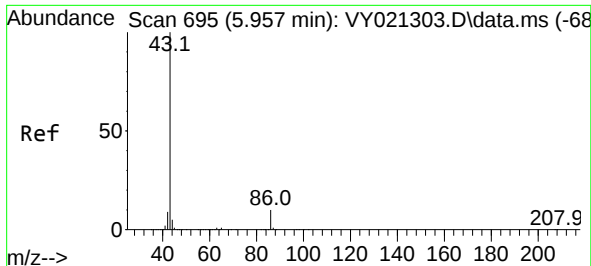
Tgt Ion: 96 Resp: 10194
Ion Ratio Lower Upper
96 100
61 137.0 111.7 167.5
98 58.0 49.3 73.9



#22
Diisopropyl ether
Concen: 9.852 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 45 Resp: 46422
Ion Ratio Lower Upper
45 100
43 62.3 46.4 69.6
87 25.1 19.2 28.8
59 9.8 9.1 13.7

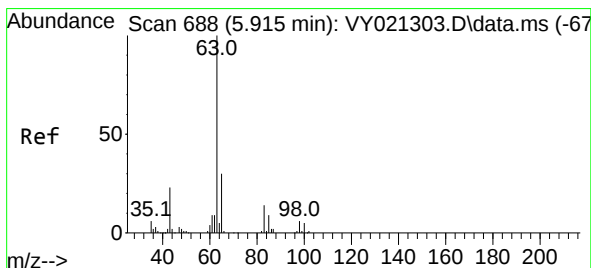
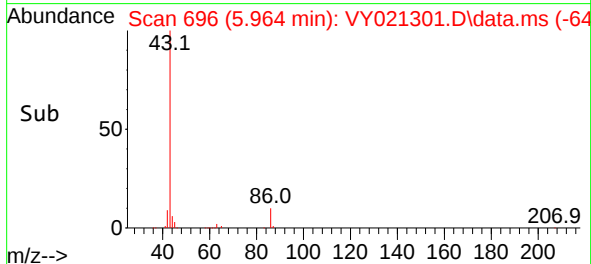
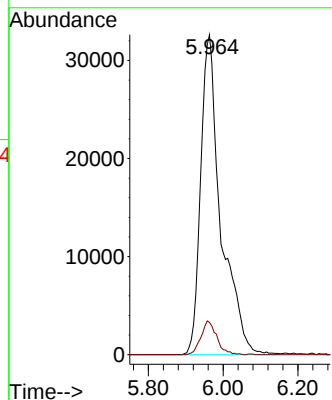
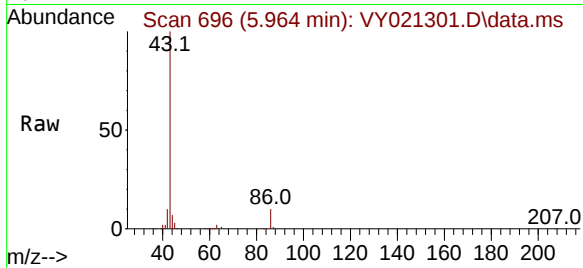




#23
 Vinyl Acetate
 Concen: 46.525 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY021301.D
 Acq: 24 Feb 2025 15:29

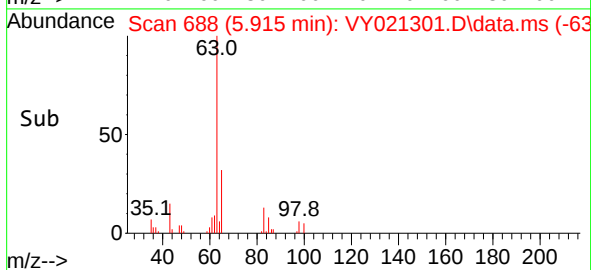
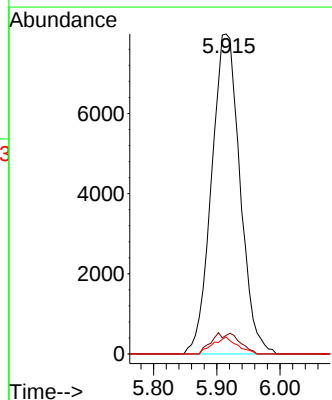
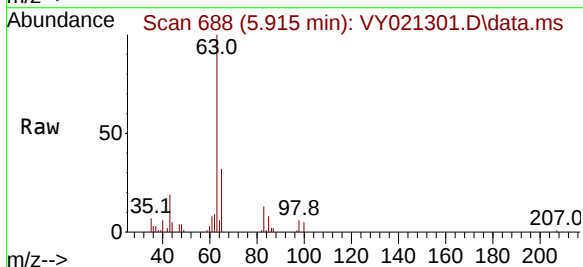
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

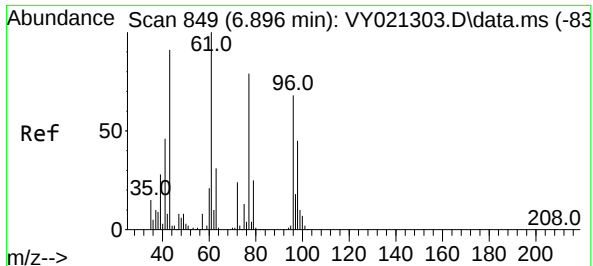
Tgt Ion: 43 Resp: 122275
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 9.693 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY021301.D
 Acq: 24 Feb 2025 15:29

Tgt Ion: 63 Resp: 24936
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.0 9.2
 100 5.3 2.3 6.9





#25

2-Butanone

Concen: 49.243 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

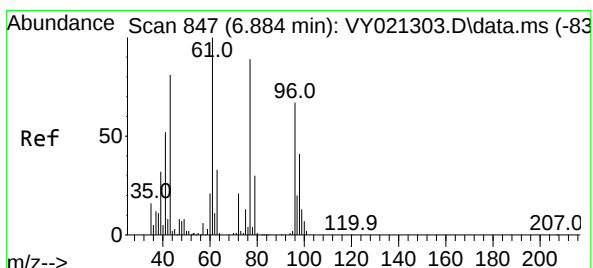
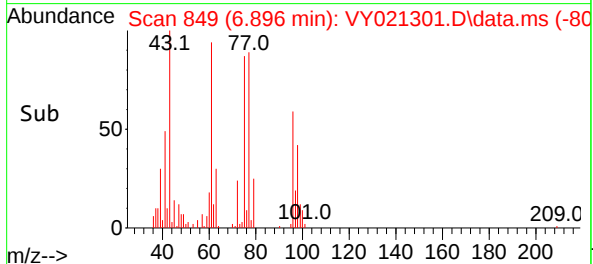
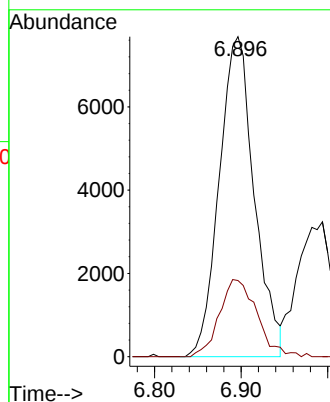
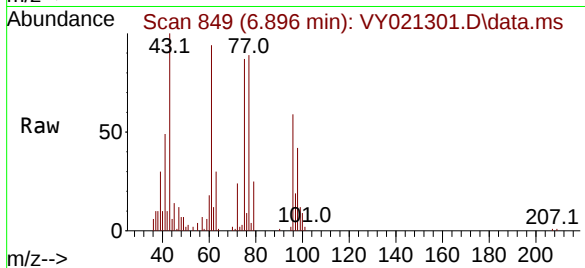
VSTDIC010

Tgt Ion: 43 Resp: 21589

Ion Ratio Lower Upper

43 100

72 23.8 20.9 31.3



#26

2,2-Dichloropropane

Concen: 10.394 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY021301.D

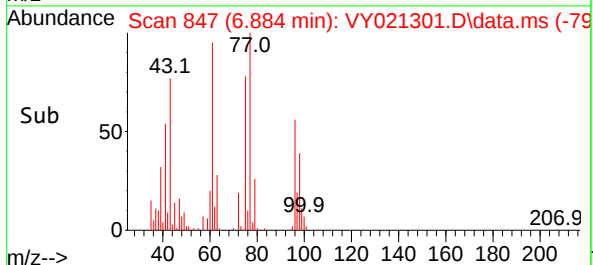
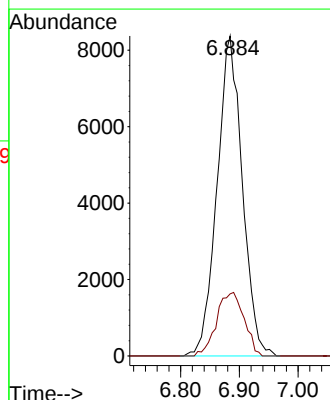
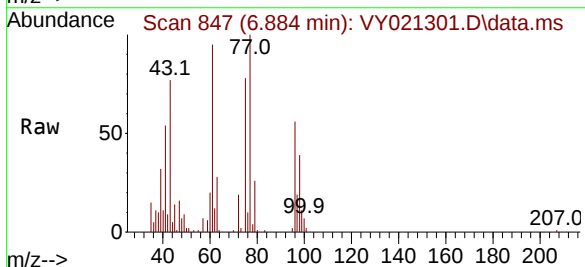
Acq: 24 Feb 2025 15:29

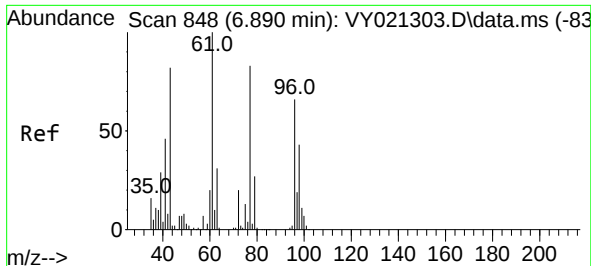
Tgt Ion: 77 Resp: 24972

Ion Ratio Lower Upper

77 100

97 21.7 10.9 32.7

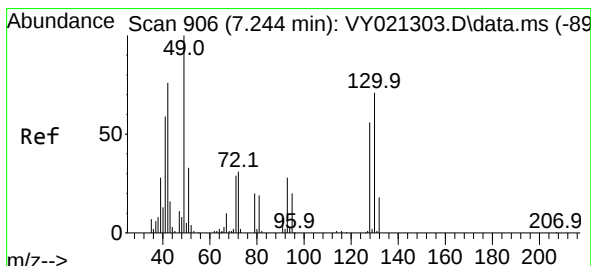
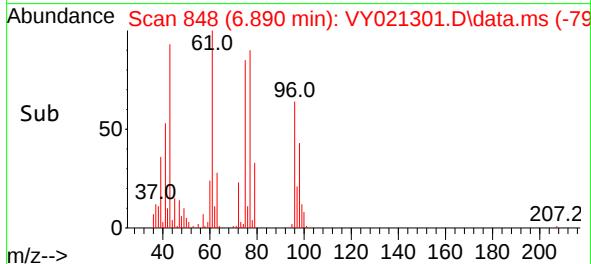
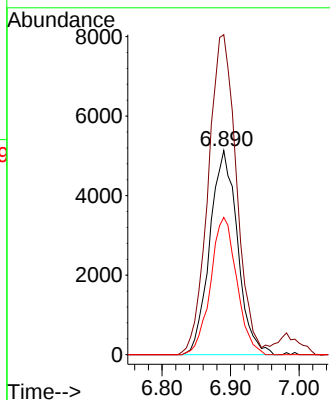
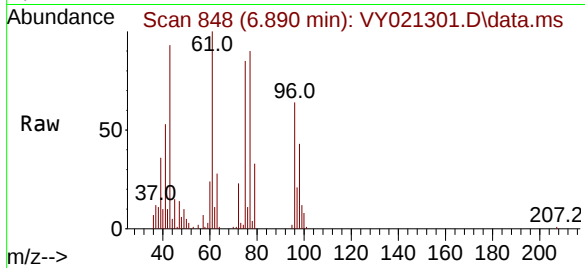




#27
 cis-1,2-Dichloroethene
 Concen: 9.339 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY021301.D
 Acq: 24 Feb 2025 15:29

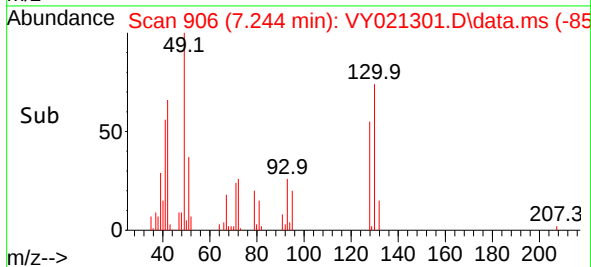
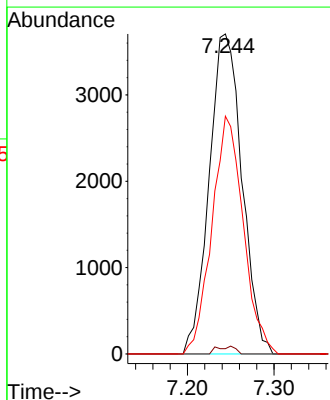
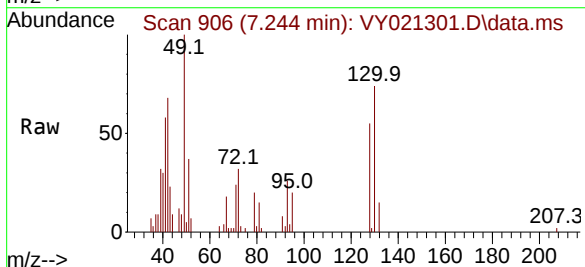
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

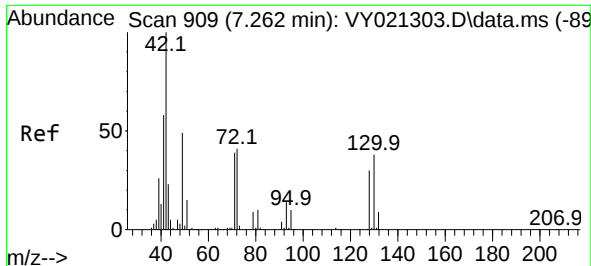
Tgt Ion: 96 Resp: 14407
 Ion Ratio Lower Upper
 96 100
 61 160.9 0.0 303.6
 98 63.7 0.0 128.0



#28
 Bromochloromethane
 Concen: 8.412 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY021301.D
 Acq: 24 Feb 2025 15:29

Tgt Ion: 49 Resp: 9779
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.2
 130 70.7 56.8 85.2





#29

Tetrahydrofuran

Concen: 46.247 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

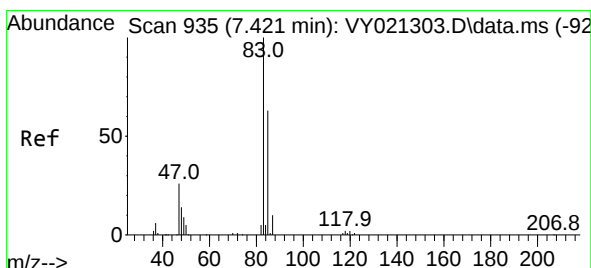
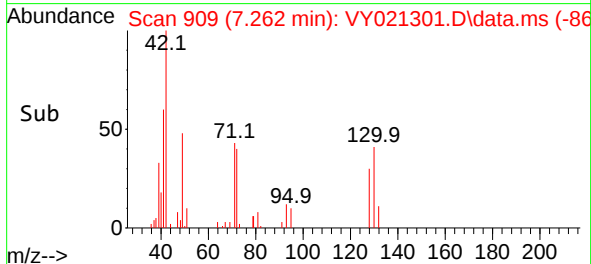
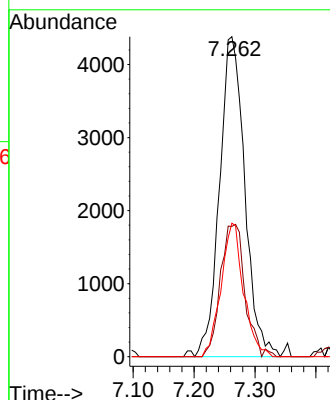
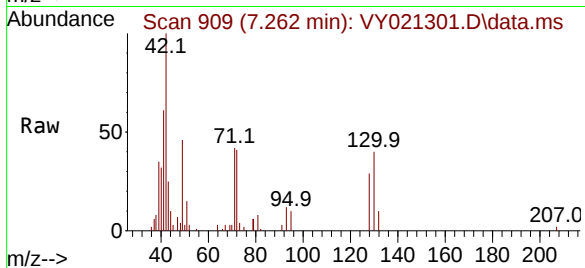
Tgt Ion: 42 Resp: 12637

Ion Ratio Lower Upper

42 100

72 40.0 32.6 48.8

71 37.2 29.9 44.9



#30

Chloroform

Concen: 10.262 ug/l

RT: 7.414 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY021301.D

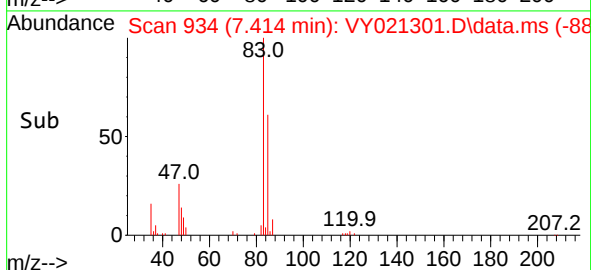
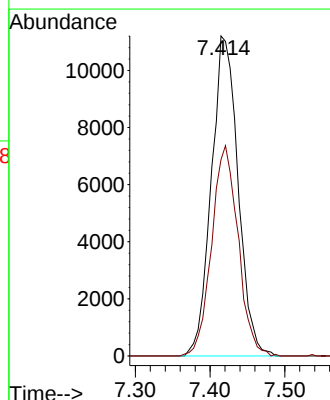
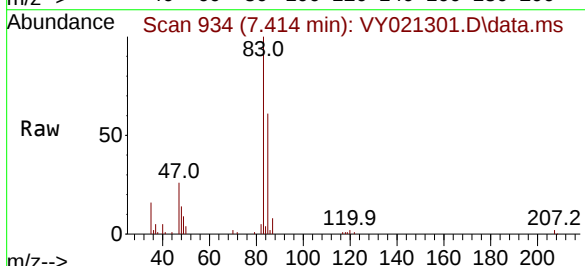
Acq: 24 Feb 2025 15:29

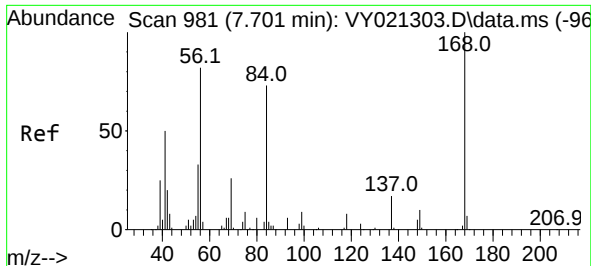
Tgt Ion: 83 Resp: 27813

Ion Ratio Lower Upper

83 100

85 61.4 50.1 75.1

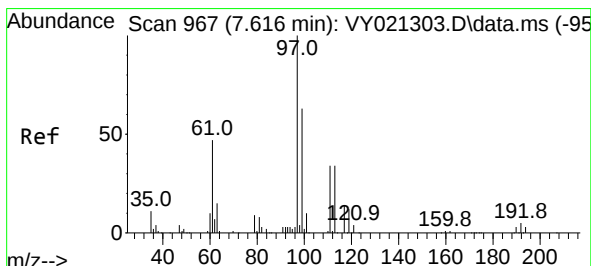
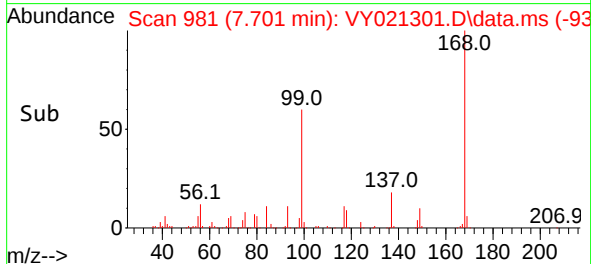
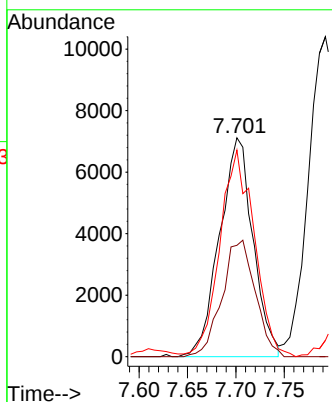
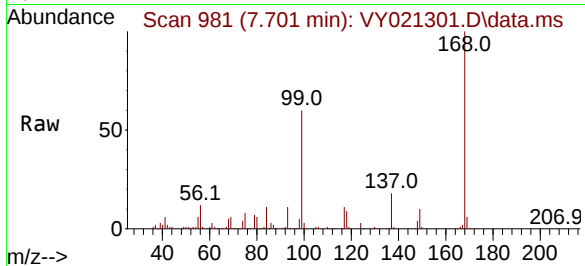




#31
Cyclohexane
Concen: 8.633 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

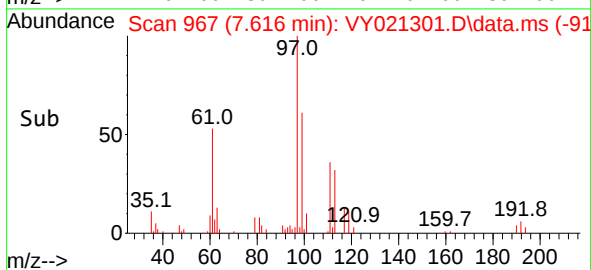
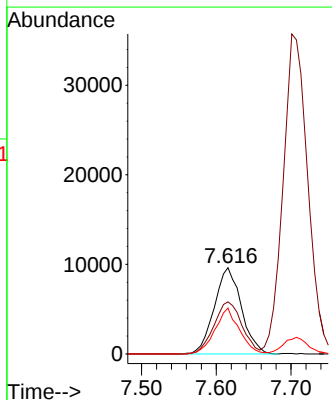
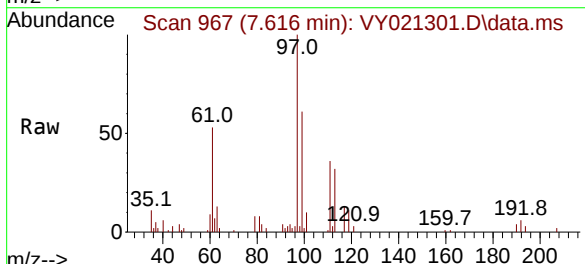
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

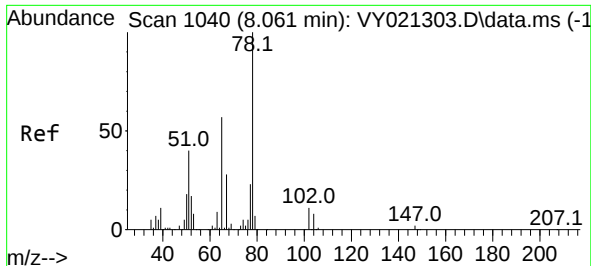
Tgt Ion: 56 Resp: 17128
Ion Ratio Lower Upper
56 100
69 50.9 25.8 38.6#
84 93.1 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 10.022 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 97 Resp: 24246
Ion Ratio Lower Upper
97 100
99 62.8 50.3 75.5
61 47.8 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 9.559 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

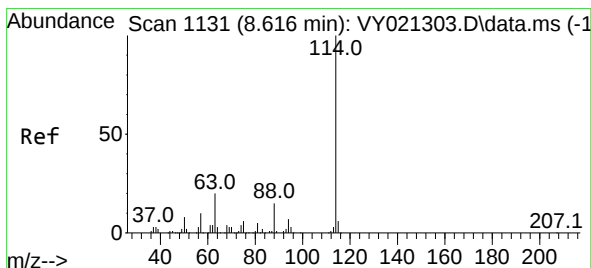
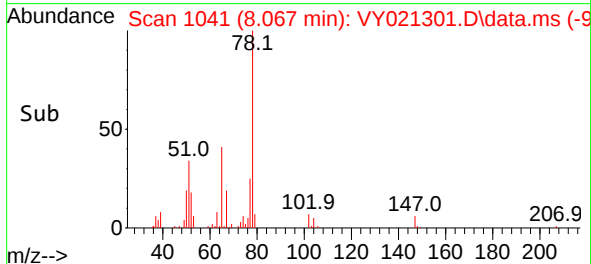
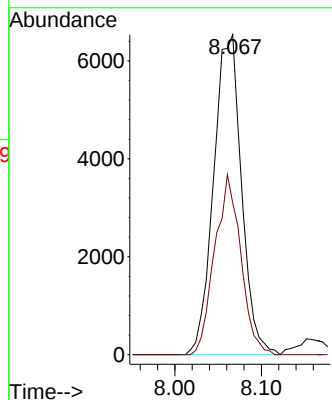
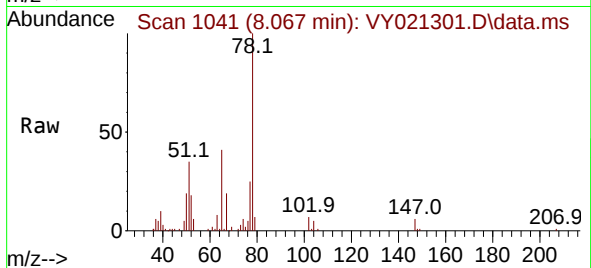
VSTDIC010

Tgt Ion: 65 Resp: 14598

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

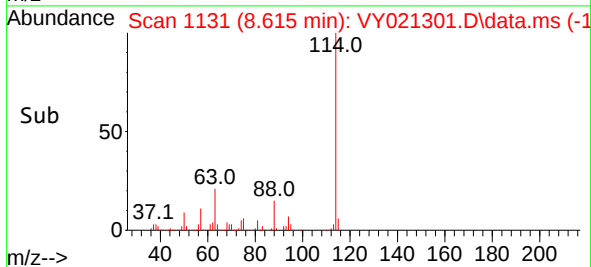
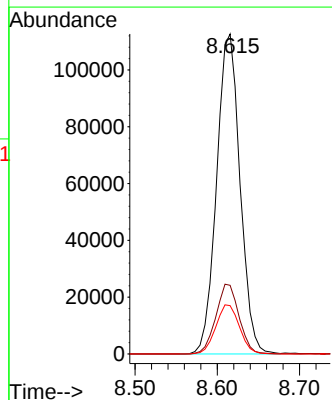
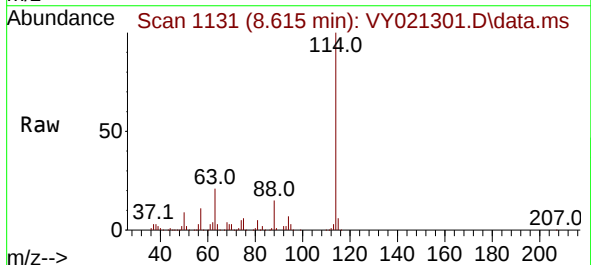
Tgt Ion: 114 Resp: 223002

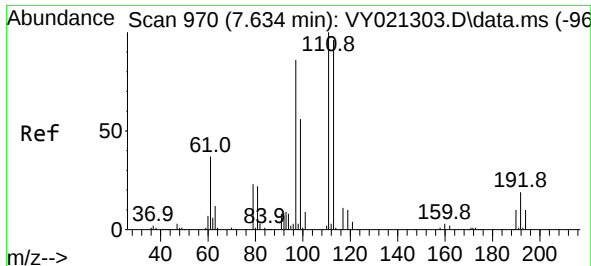
Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.0

88 15.1 0.0 30.2

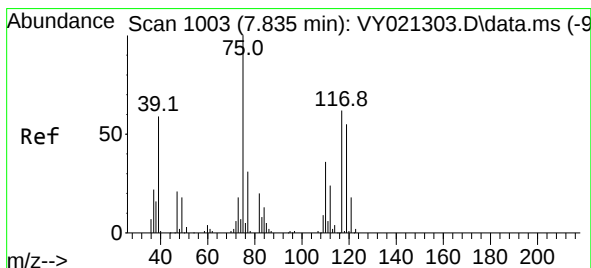
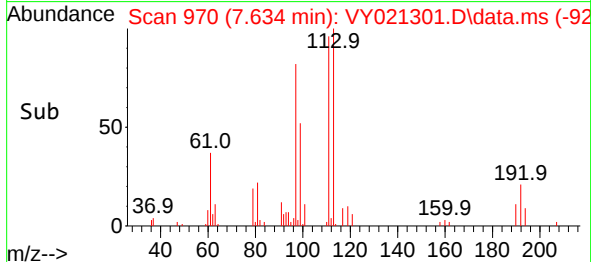
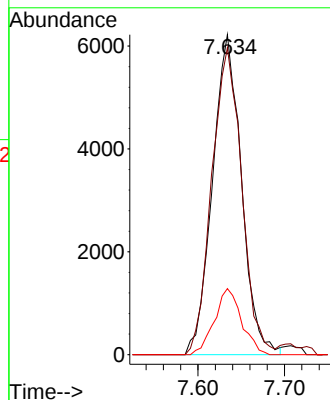
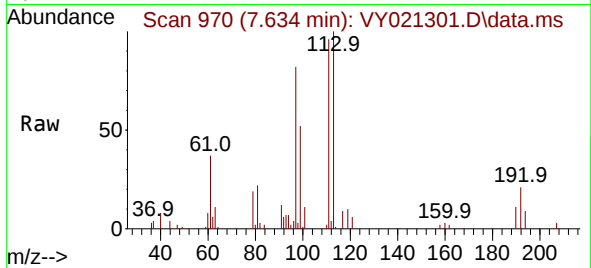




#35
Dibromofluoromethane
Concen: 10.142 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

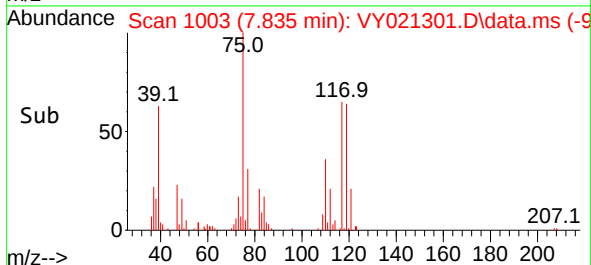
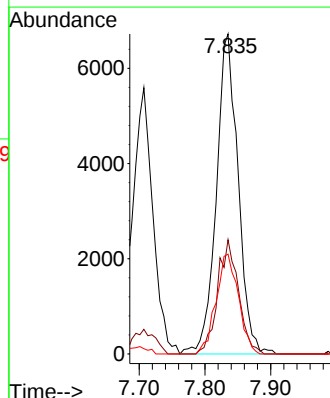
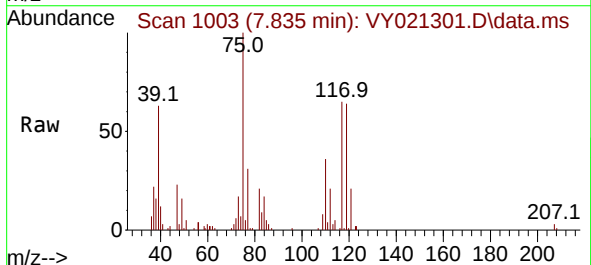
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

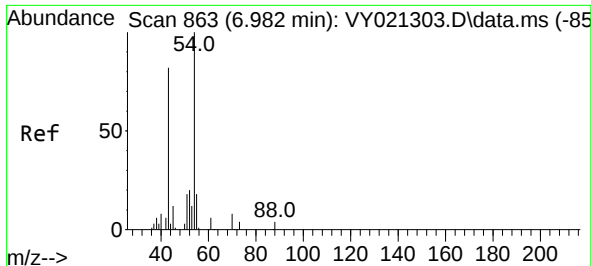
Tgt Ion:113 Resp: 14455
Ion Ratio Lower Upper
113 100
111 98.8 81.1 121.7
192 19.4 15.8 23.8



#36
1,1-Dichloropropene
Concen: 8.983 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 75 Resp: 15482
Ion Ratio Lower Upper
75 100
110 34.3 17.0 50.9
77 32.1 25.0 37.6

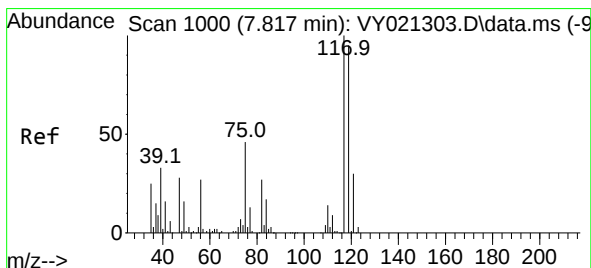
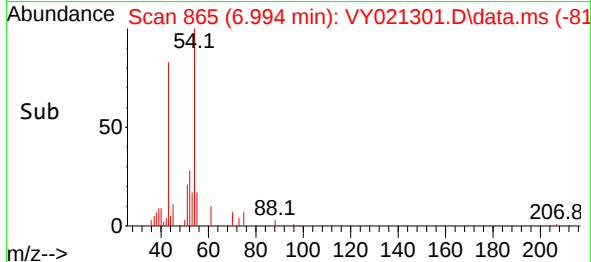
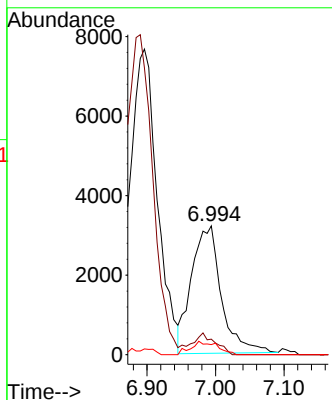
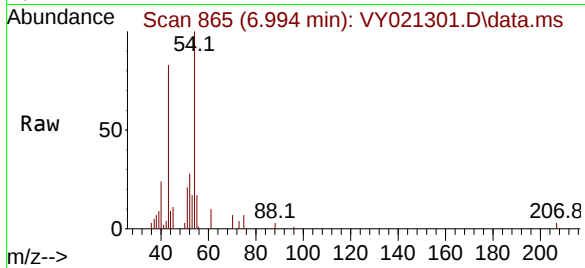




#37
Ethyl Acetate
Concen: 10.019 ug/l
RT: 6.994 min Scan# 865
Delta R.T. 0.012 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

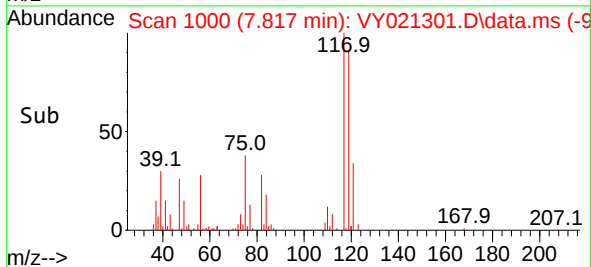
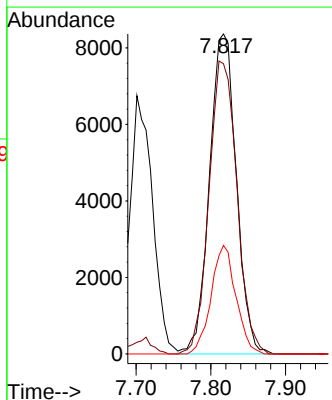
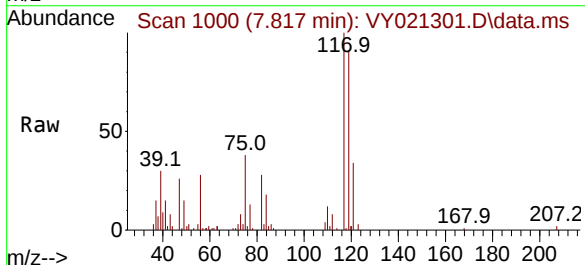
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

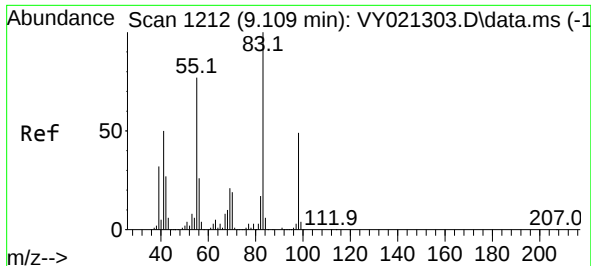
Tgt Ion: 43 Resp: 9703
Ion Ratio Lower Upper
43 100
61 12.0 10.5 15.7
70 9.2 7.4 11.0



#38
Carbon Tetrachloride
Concen: 9.816 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 117 Resp: 20923
Ion Ratio Lower Upper
117 100
119 90.7 76.0 114.0
121 33.9 23.9 35.9





#39

Methylcyclohexane

Concen: 8.420 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

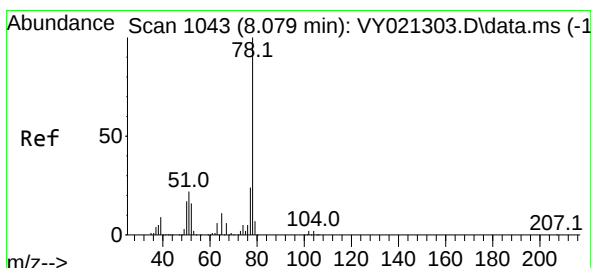
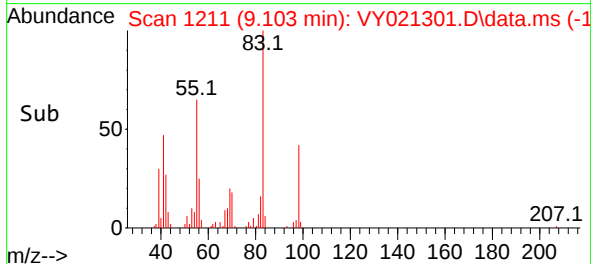
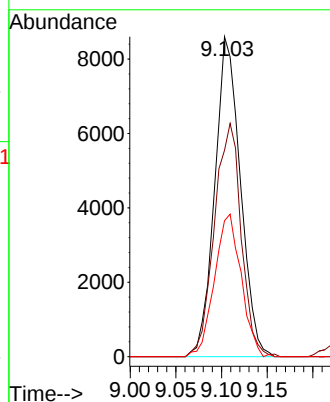
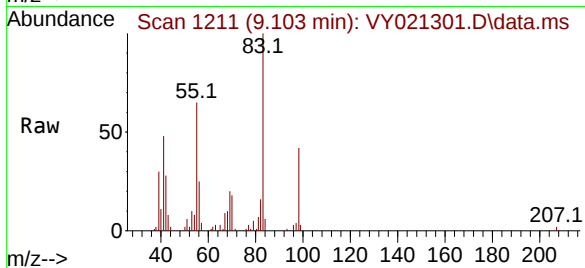
Tgt Ion: 83 Resp: 16795

Ion Ratio Lower Upper

83 100

55 64.5 61.8 92.8

98 42.5 39.2 58.8



#40

Benzene

Concen: 9.331 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY021301.D

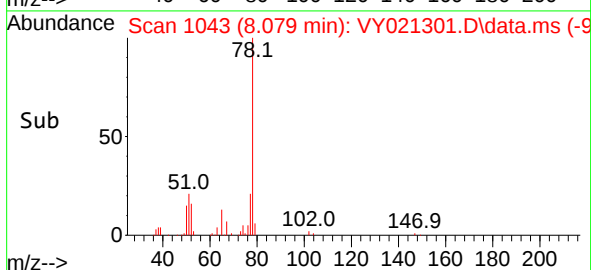
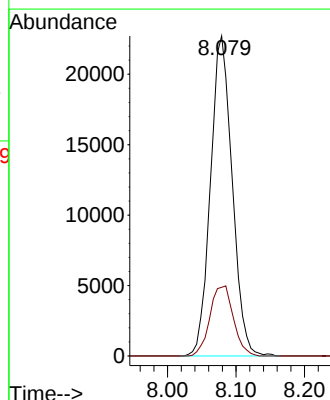
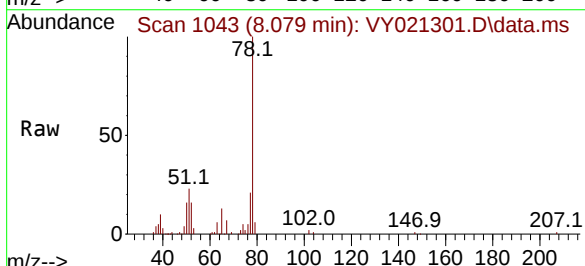
Acq: 24 Feb 2025 15:29

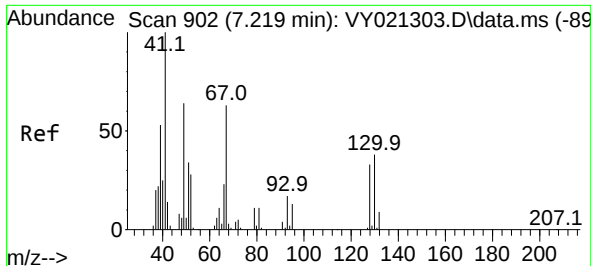
Tgt Ion: 78 Resp: 49965

Ion Ratio Lower Upper

78 100

77 21.4 19.3 28.9

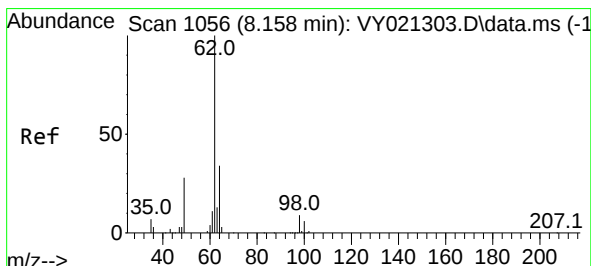
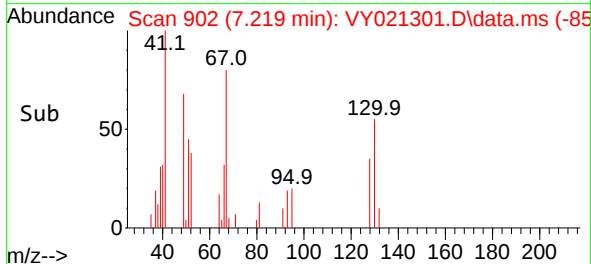
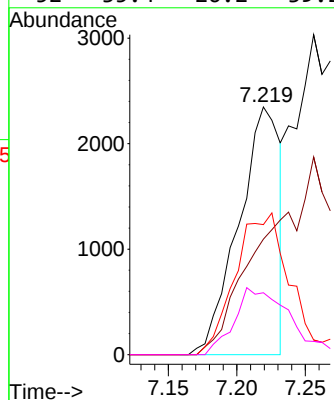
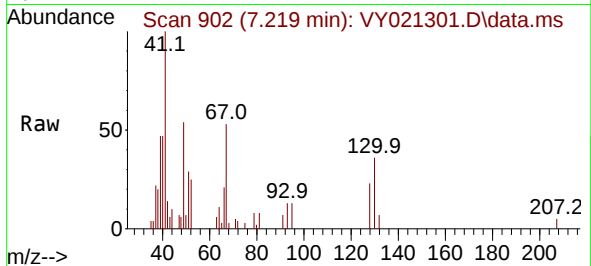




#41
Methacrylonitrile
Concen: 9.585 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

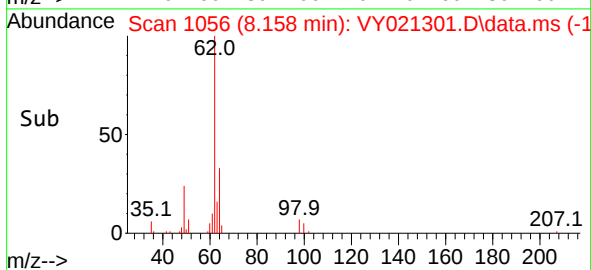
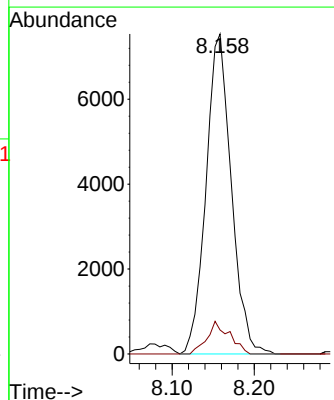
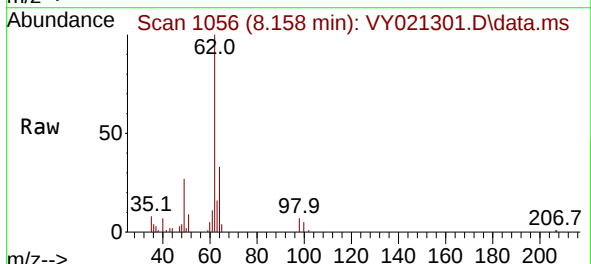
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

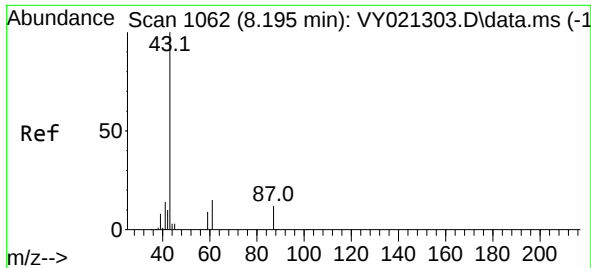
Tgt Ion:	41	Resp:	4941
Ion	Ratio	Lower	Upper
41	100		
39	0.0	50.1	75.1#
67	73.5	59.3	88.9
52	35.4	26.2	39.2



#42
1,2-Dichloroethane
Concen: 9.833 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion:	62	Resp:	16079
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0

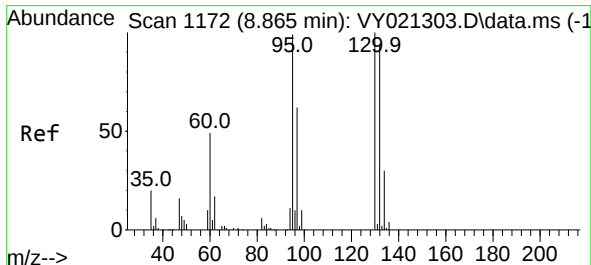
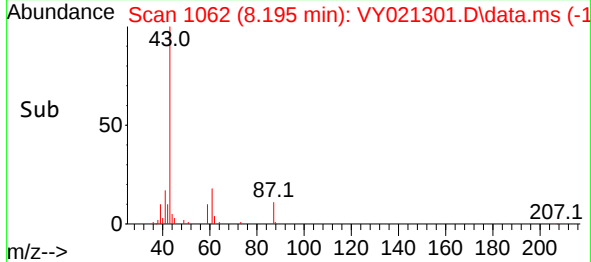
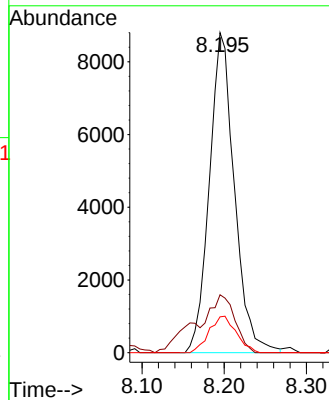
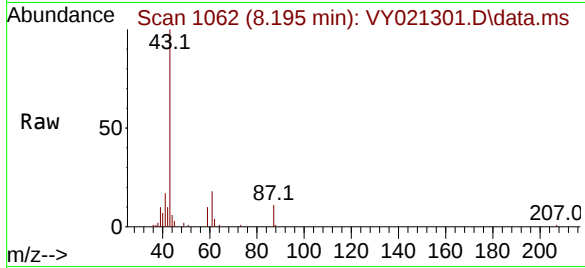




#43
Isopropyl Acetate
Concen: 9.558 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

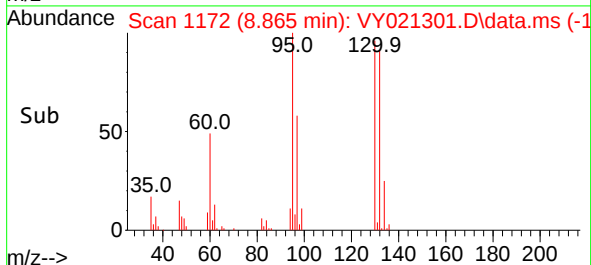
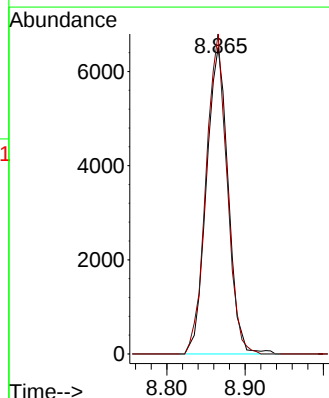
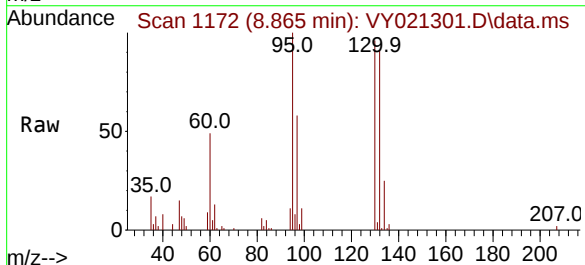
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

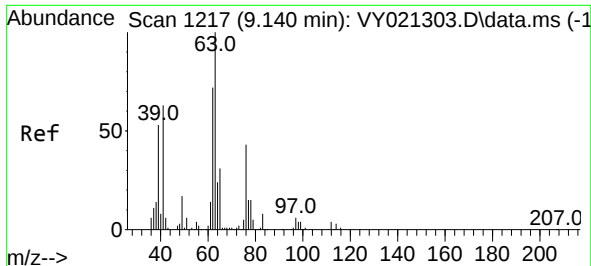
Tgt Ion: 43 Resp: 18640
Ion Ratio Lower Upper
43 100
61 18.7 22.2 33.2#
87 12.3 9.8 14.8



#44
Trichloroethene
Concen: 9.377 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion:130 Resp: 12556
Ion Ratio Lower Upper
130 100
95 104.4 0.0 197.0





#45

1,2-Dichloropropane

Concen: 9.750 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

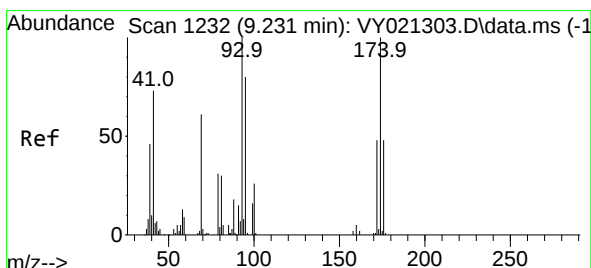
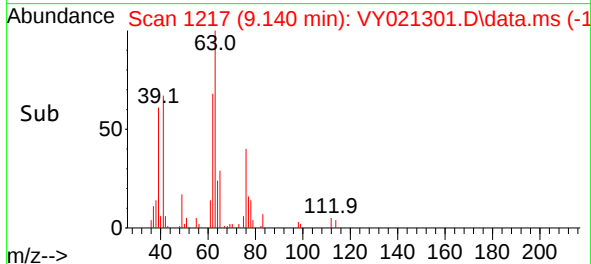
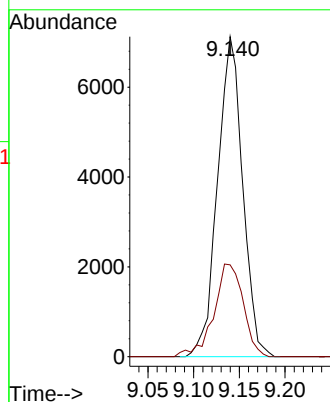
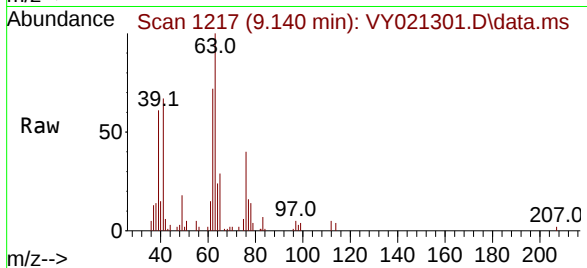
VSTDIC010

Tgt Ion: 63 Resp: 13611

Ion Ratio Lower Upper

63 100

65 28.7 24.8 37.2



#46

Dibromomethane

Concen: 9.759 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

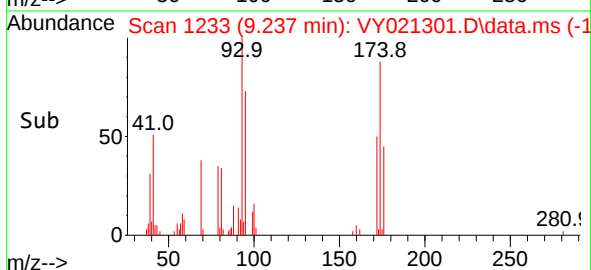
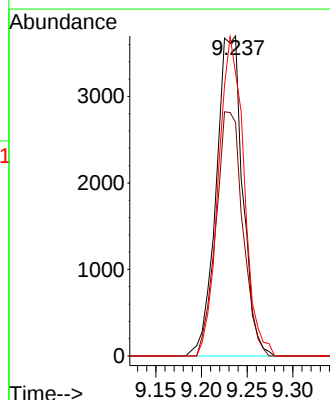
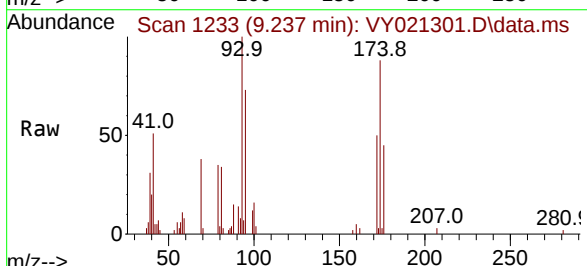
Tgt Ion: 93 Resp: 7453

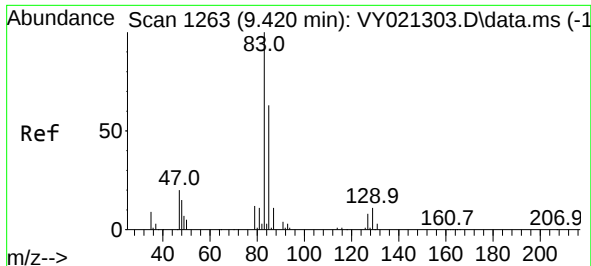
Ion Ratio Lower Upper

93 100

95 77.2 65.7 98.5

174 96.0 77.4 116.2

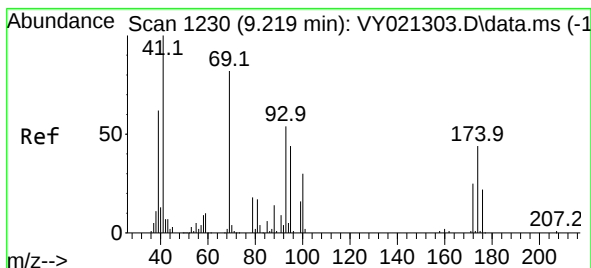
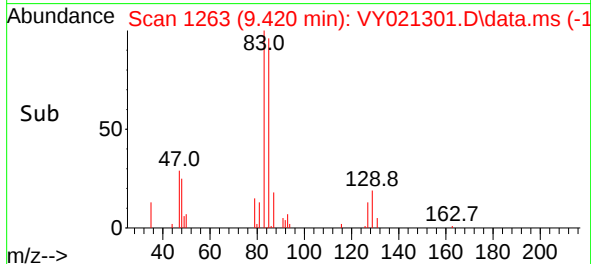
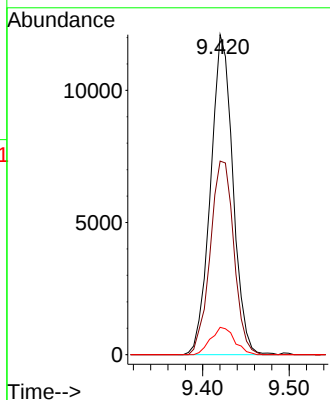
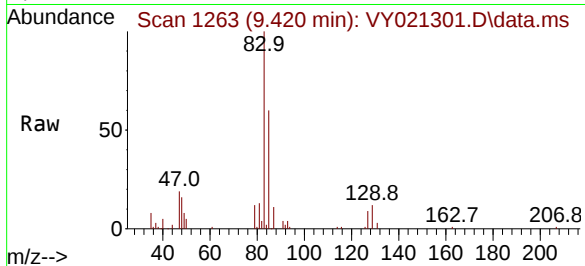




#47
Bromodichloromethane
Concen: 10.211 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

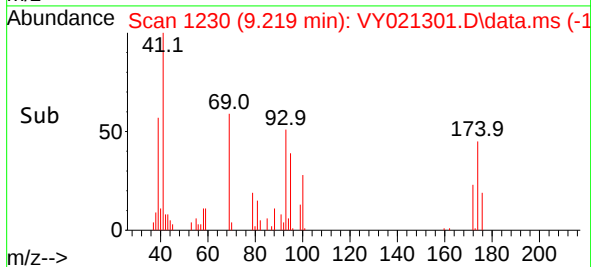
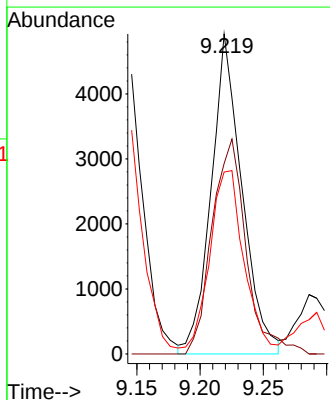
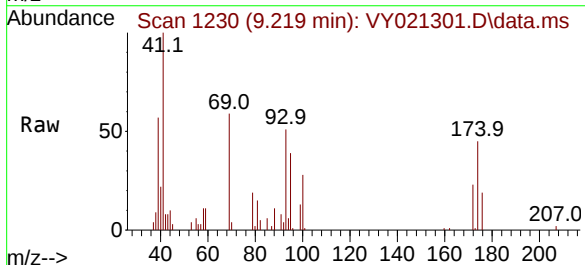
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

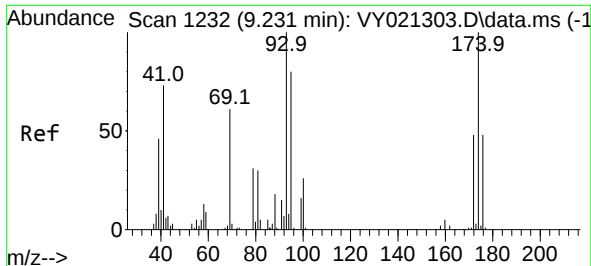
Tgt Ion: 83 Resp: 21687
Ion Ratio Lower Upper
83 100
85 60.5 50.7 76.1
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 9.394 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 41 Resp: 8325
Ion Ratio Lower Upper
41 100
69 74.8 64.6 97.0
39 64.6 47.9 71.9





#49

1,4-Dioxane

Concen: 180.871 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

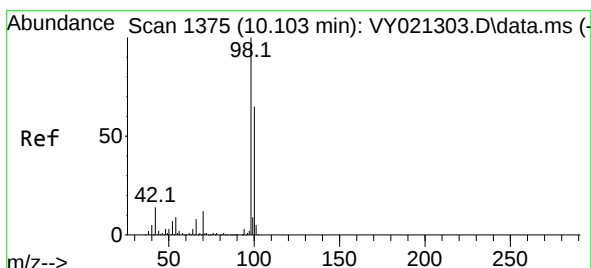
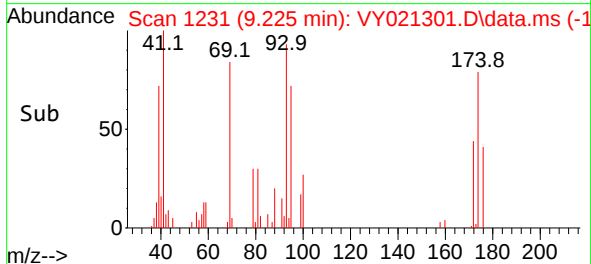
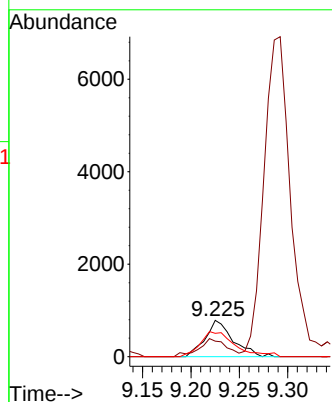
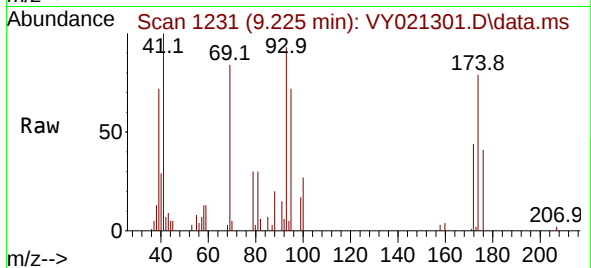
Tgt Ion: 88 Resp: 1572

Ion Ratio Lower Upper

88 100

43 48.4 33.2 49.8

58 86.1 57.8 86.8



#50

Toluene-d8

Concen: 9.525 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY021301.D

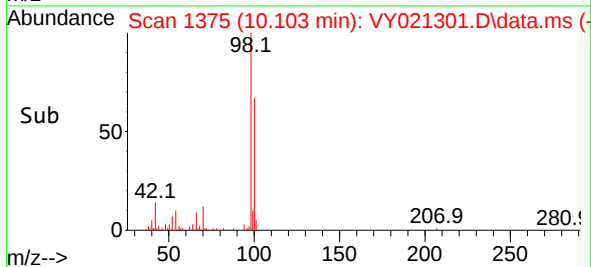
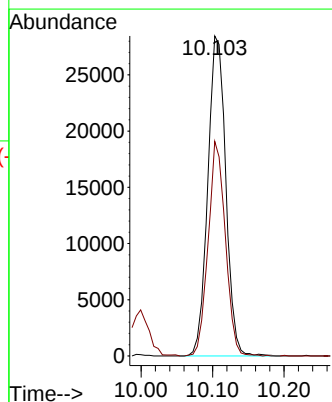
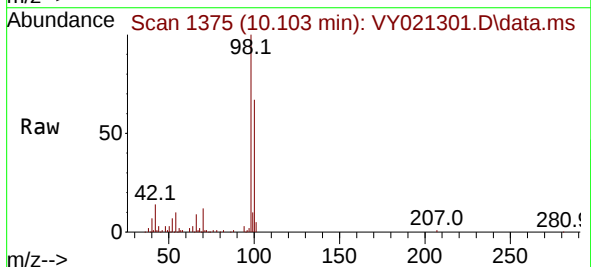
Acq: 24 Feb 2025 15:29

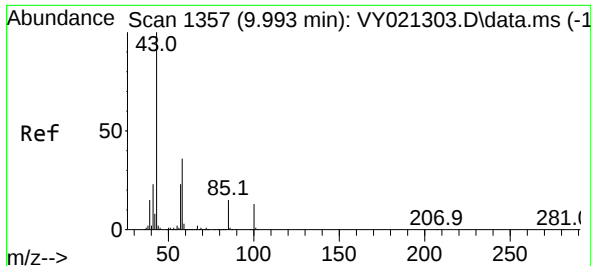
Tgt Ion: 98 Resp: 49729

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.2

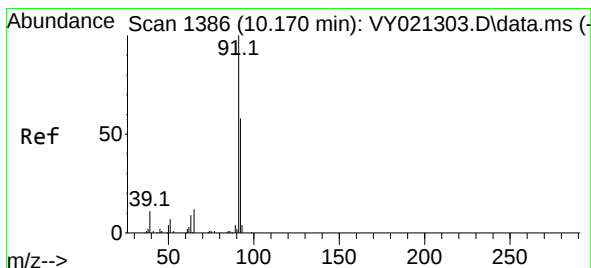
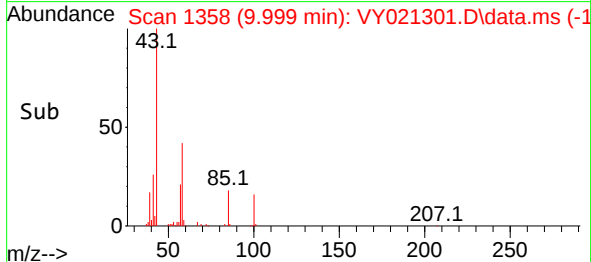
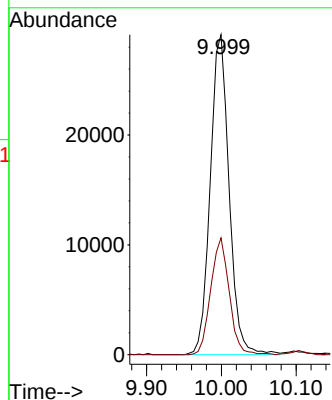
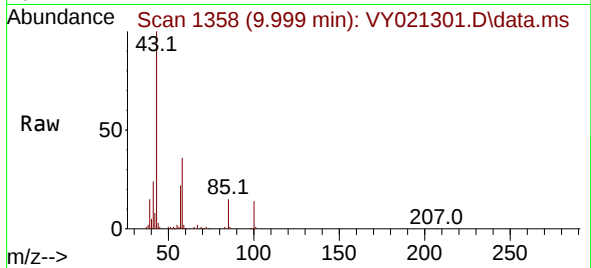




#51
4-Methyl-2-Pentanone
Concen: 49.255 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

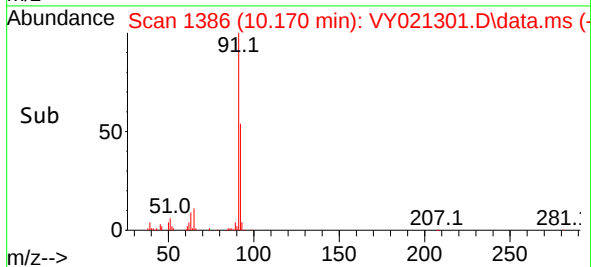
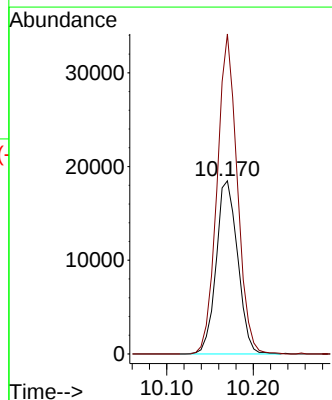
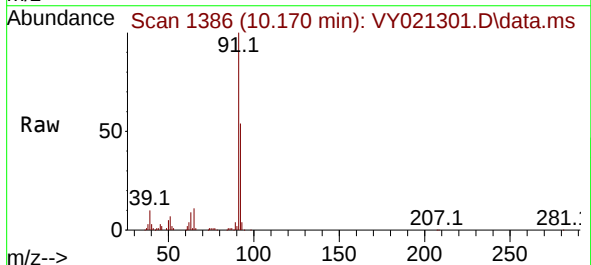
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

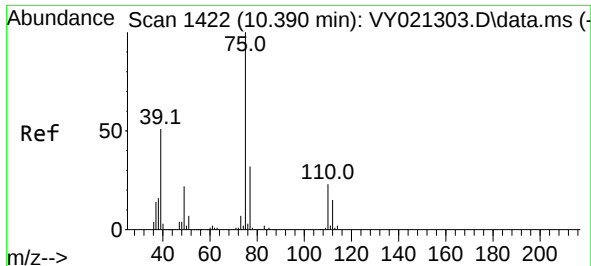
Tgt Ion: 43 Resp: 51062
Ion Ratio Lower Upper
43 100
58 35.8 29.7 44.5



#52
Toluene
Concen: 9.311 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 92 Resp: 31801
Ion Ratio Lower Upper
92 100
91 173.9 138.3 207.5

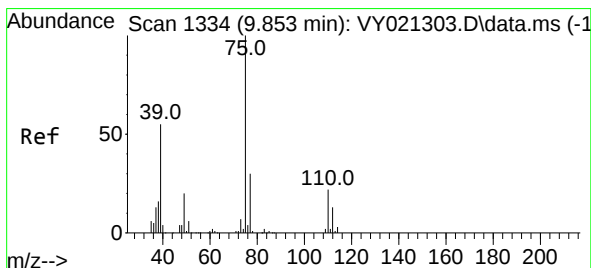
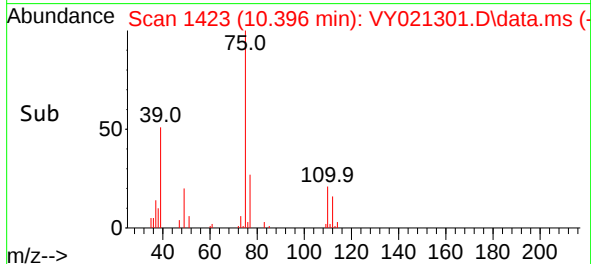
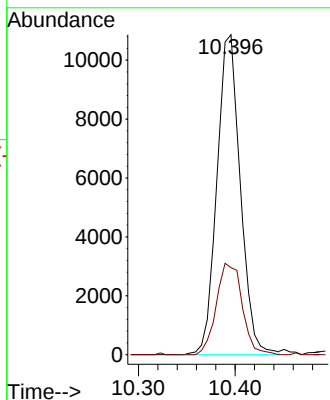
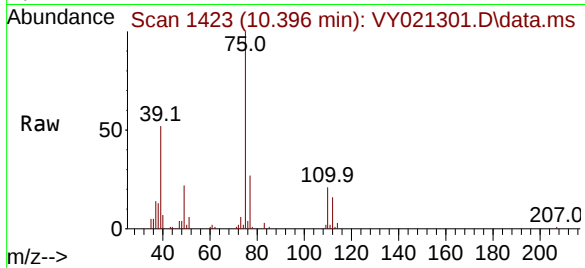




#53
t-1,3-Dichloropropene
Concen: 9.551 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

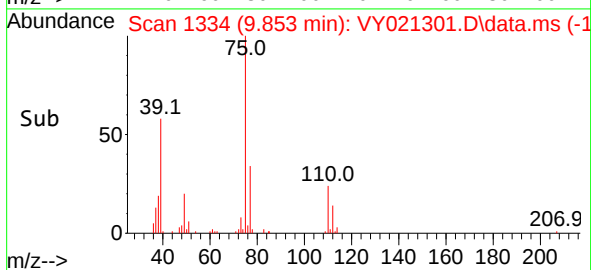
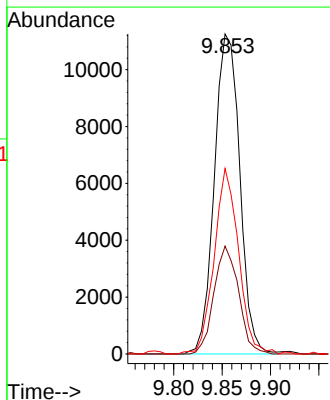
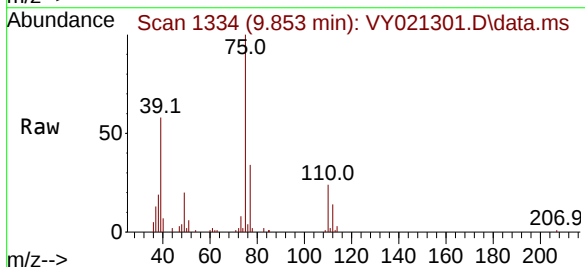
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

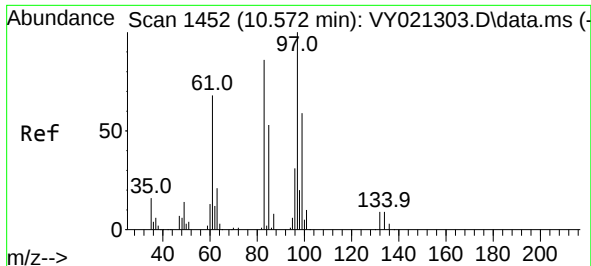
Tgt Ion: 75 Resp: 18239
Ion Ratio Lower Upper
75 100
77 27.2 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 9.476 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 75 Resp: 20546
Ion Ratio Lower Upper
75 100
77 33.7 24.0 36.0
39 58.0 44.1 66.1

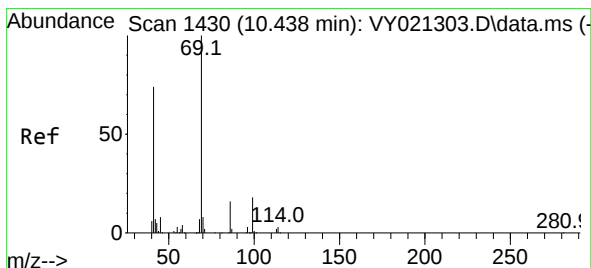
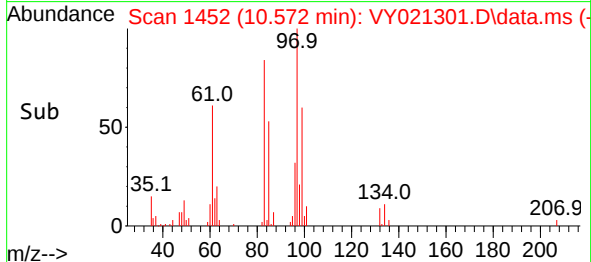
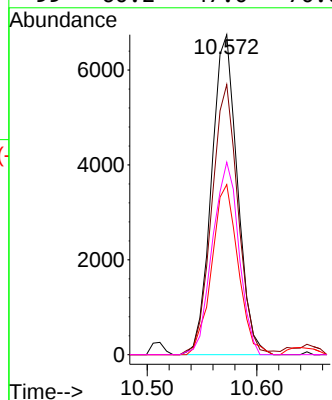
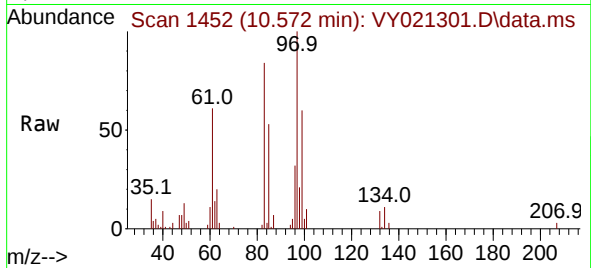




#55
1,1,2-Trichloroethane
Concen: 10.428 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

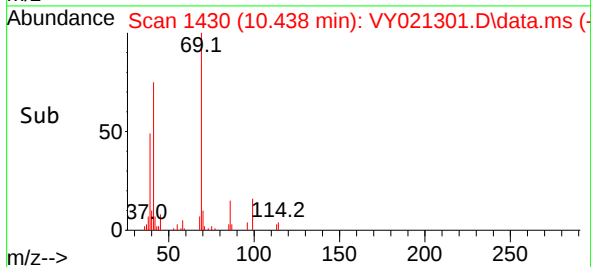
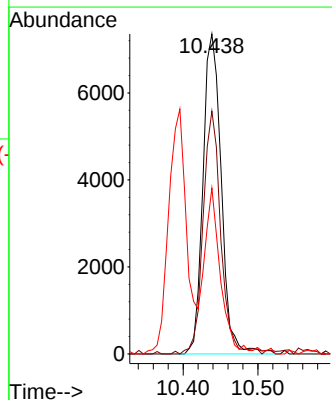
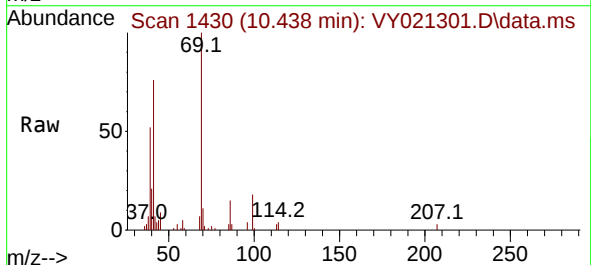
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

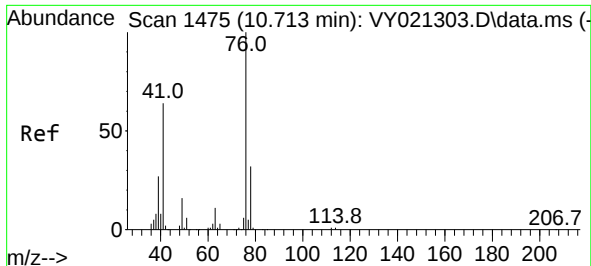
Tgt Ion:	97	Resp:	11065
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.5	102.7
85	53.1	42.5	63.7
99	60.2	47.0	70.6



#56
Ethyl methacrylate
Concen: 9.011 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion:	69	Resp:	12489
Ion	Ratio	Lower	Upper
69	100		
41	72.9	58.0	87.0
39	42.5	35.4	53.0





#57

1,3-Dichloropropane

Concen: 10.236 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

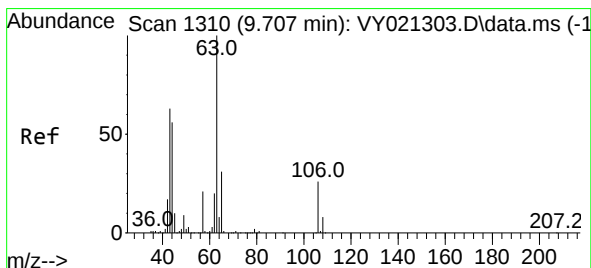
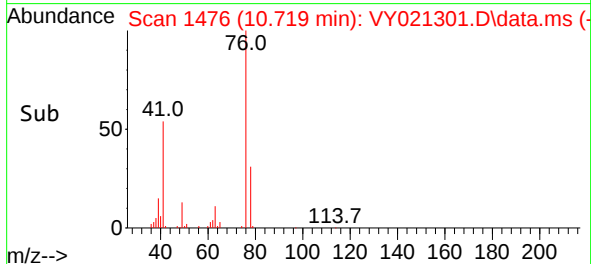
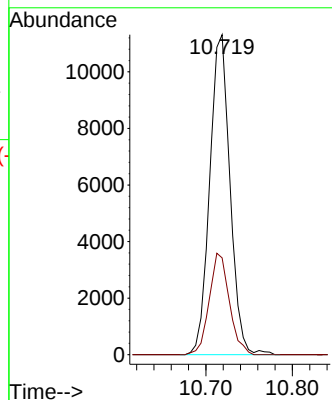
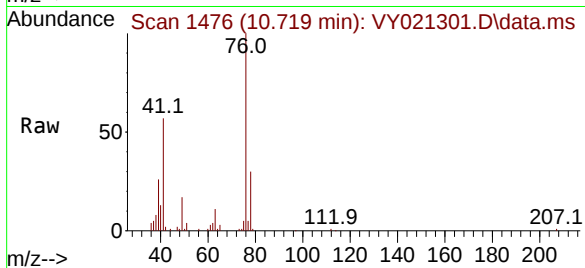
VSTDIC010

Tgt Ion: 76 Resp: 18395

Ion Ratio Lower Upper

76 100

78 31.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 40.332 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY021301.D

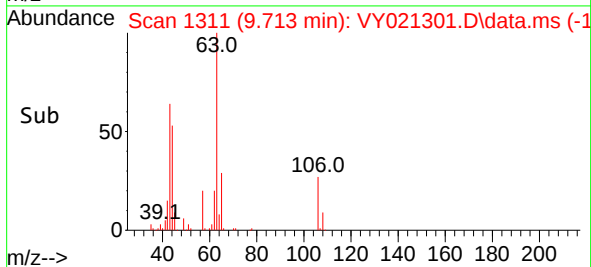
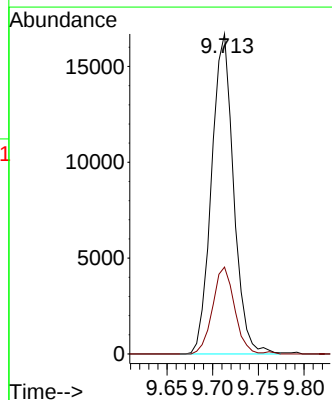
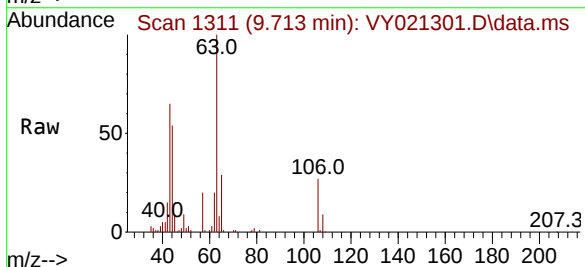
Acq: 24 Feb 2025 15:29

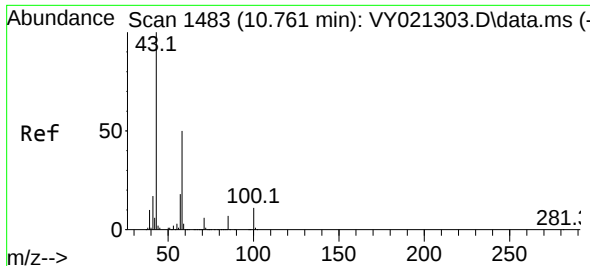
Tgt Ion: 63 Resp: 28011

Ion Ratio Lower Upper

63 100

106 26.9 21.8 32.6

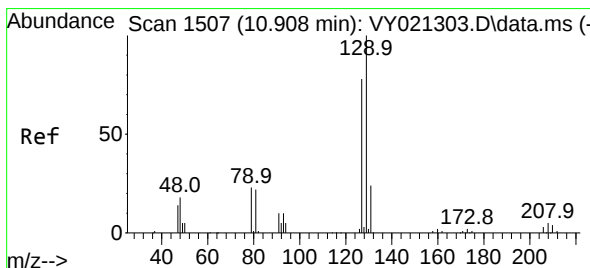
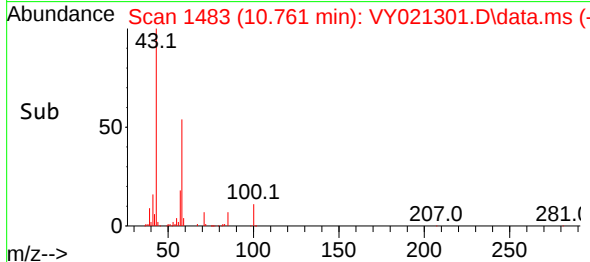
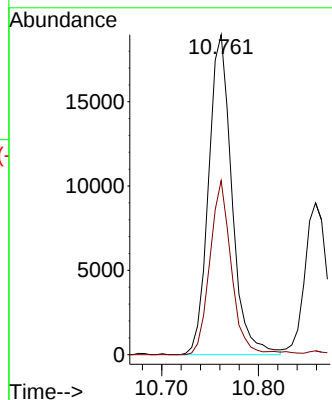
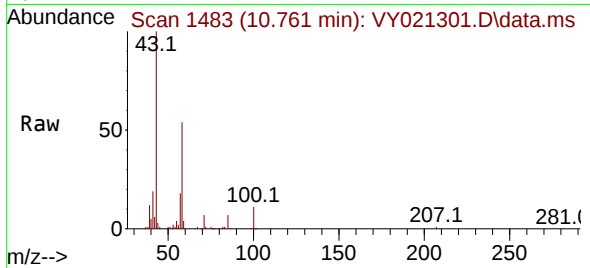




#59
2-Hexanone
Concen: 46.777 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

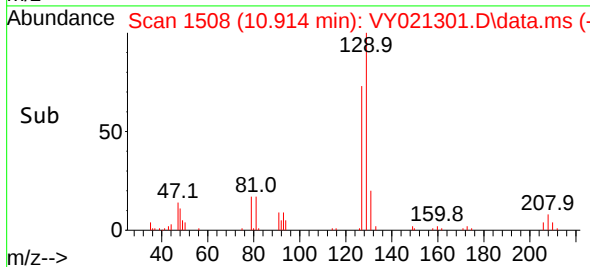
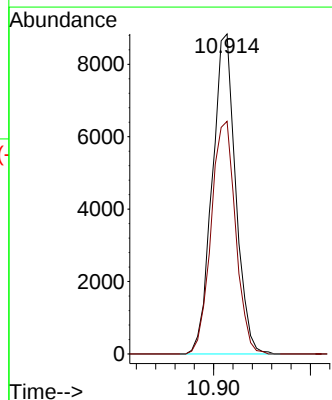
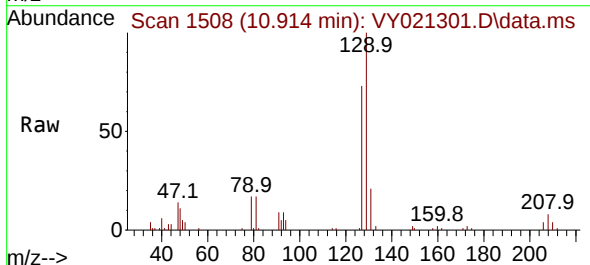
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

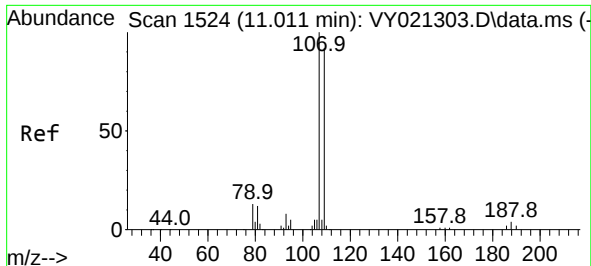
Tgt Ion: 43 Resp: 31787
Ion Ratio Lower Upper
43 100
58 50.7 25.4 76.4



#60
Dibromochloromethane
Concen: 10.227 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 129 Resp: 14808
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.7

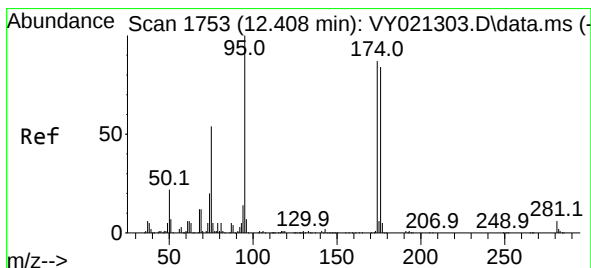
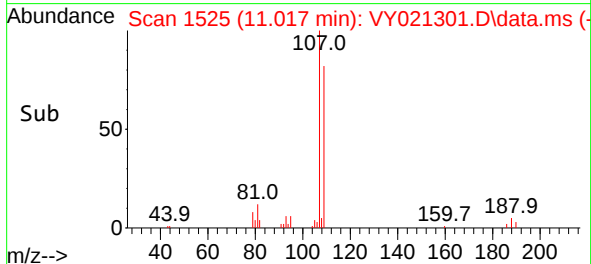
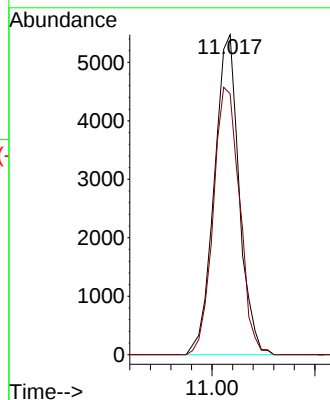
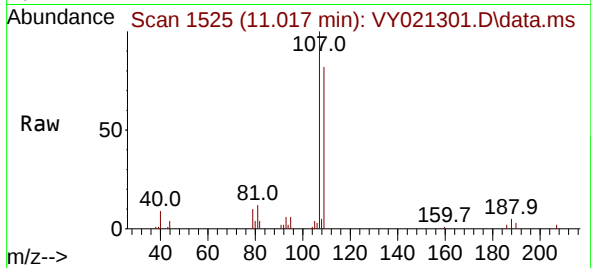




#61
1,2-Dibromoethane
Concen: 9.714 ug/l
RT: 11.017 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

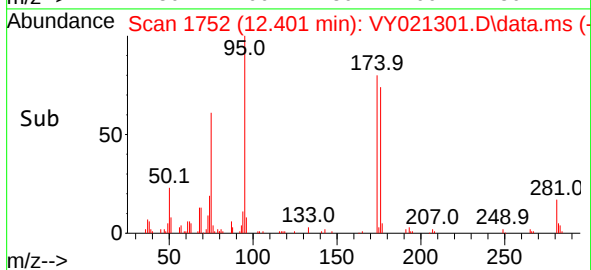
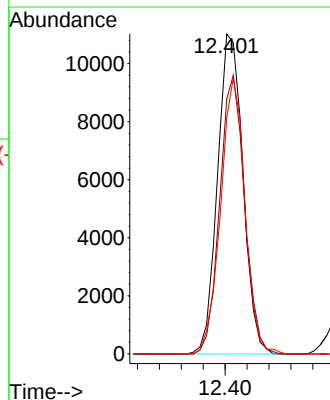
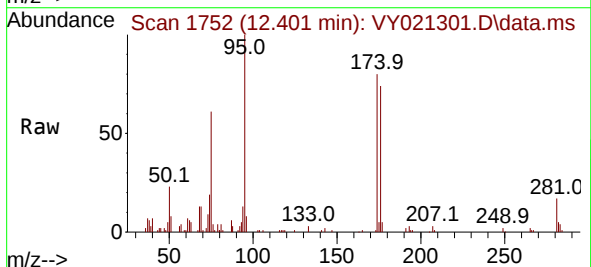
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

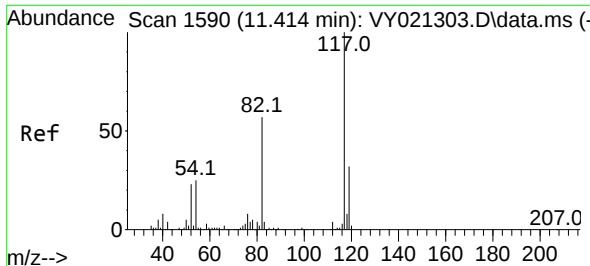
Tgt Ion:107 Resp: 9184
Ion Ratio Lower Upper
107 100
109 88.5 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 9.832 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 95 Resp: 17728
Ion Ratio Lower Upper
95 100
174 85.0 0.0 168.2
176 82.9 0.0 164.6

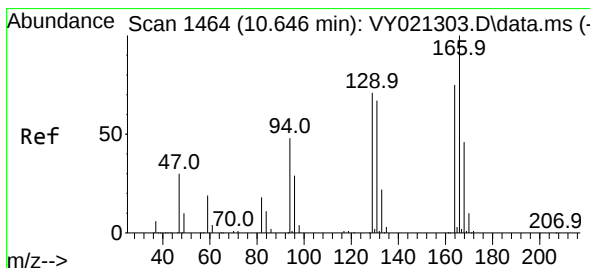
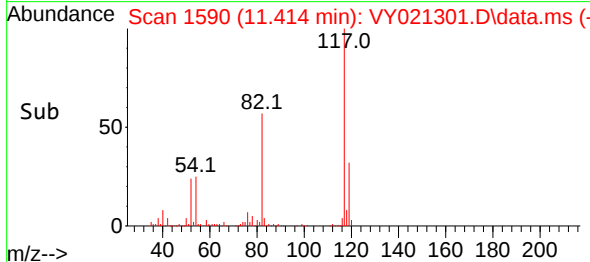
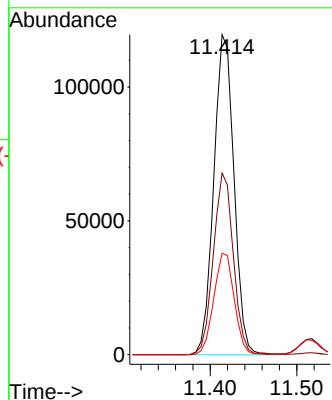
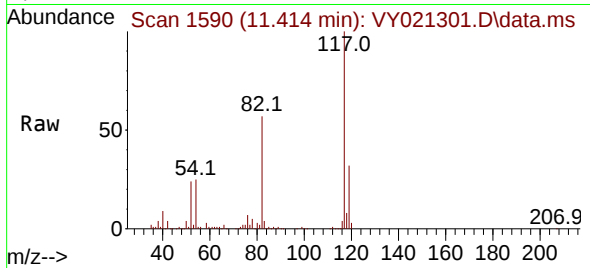




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

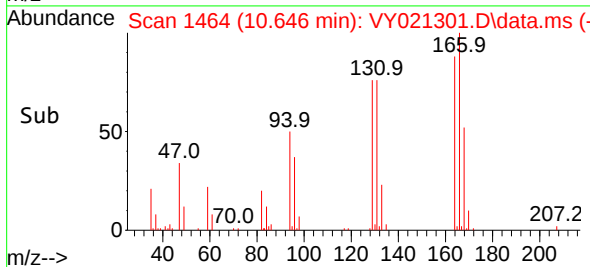
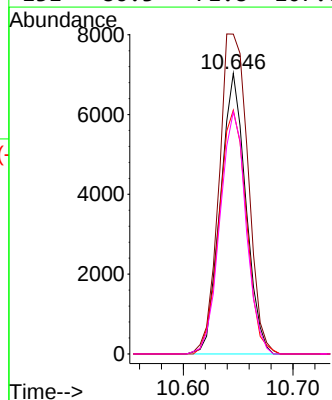
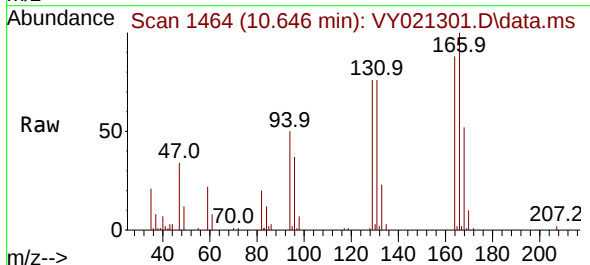
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

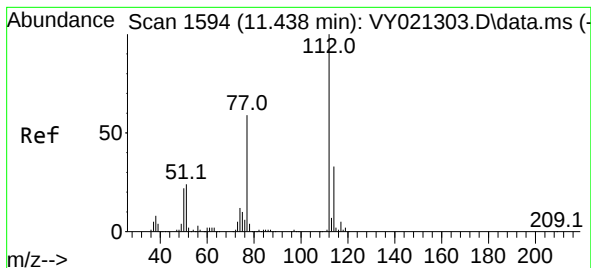
Tgt Ion:117 Resp: 193685
Ion Ratio Lower Upper
117 100
82 56.8 45.6 68.4
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 9.376 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion:164 Resp: 11308
Ion Ratio Lower Upper
164 100
166 114.0 106.5 159.7
129 86.9 75.2 112.8
131 86.3 71.8 107.6





#65

Chlorobenzene

Concen: 9.723 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

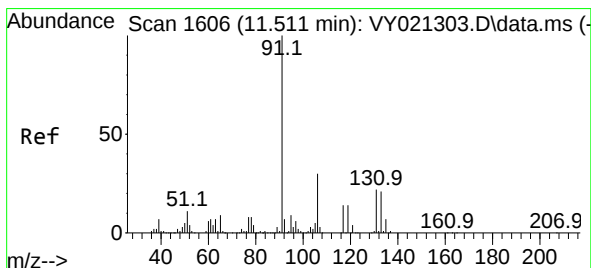
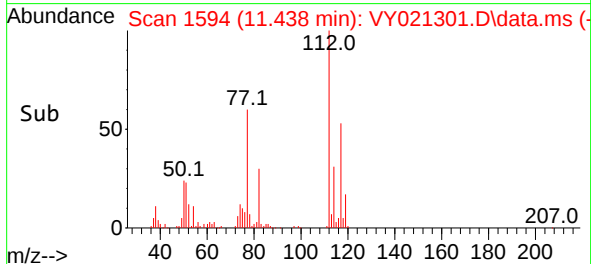
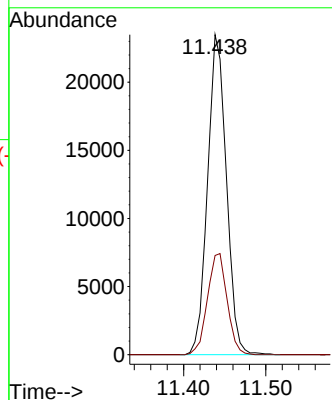
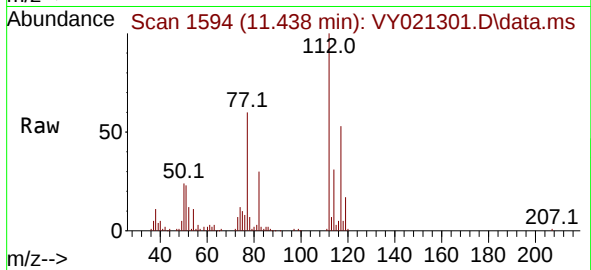
VSTDICC010

Tgt Ion:112 Resp: 37345

Ion Ratio Lower Upper

112 100

114 31.0 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 10.584 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.000 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

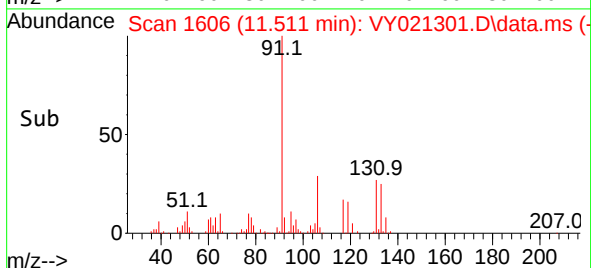
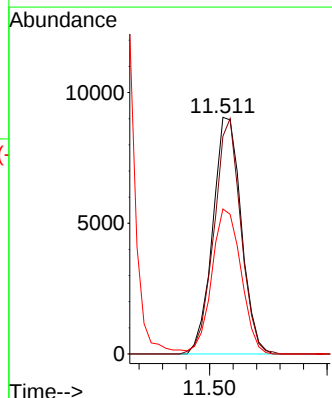
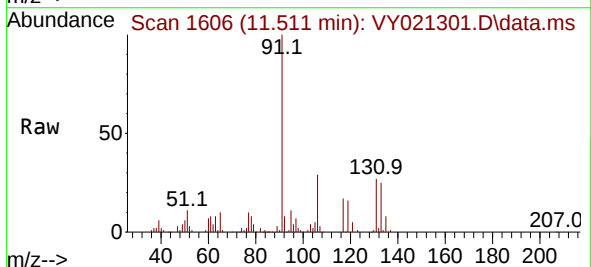
Tgt Ion:131 Resp: 15221

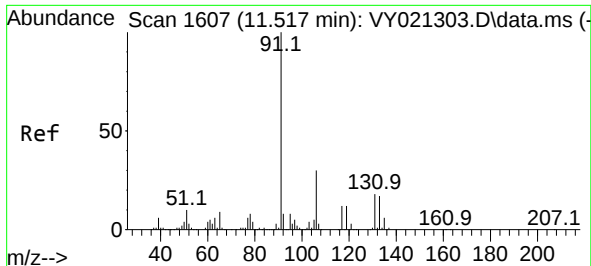
Ion Ratio Lower Upper

131 100

133 93.6 48.3 144.9

119 62.8 32.3 96.9





#67

Ethyl Benzene

Concen: 9.534 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

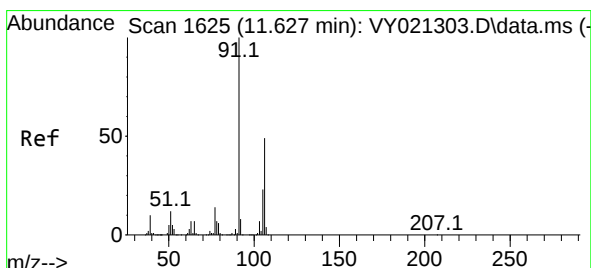
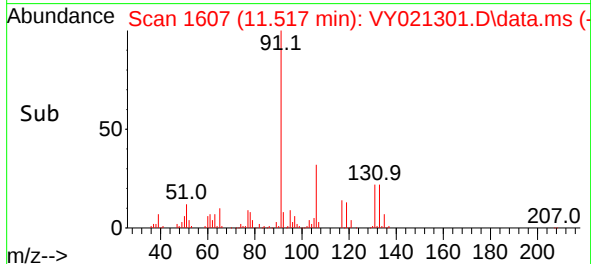
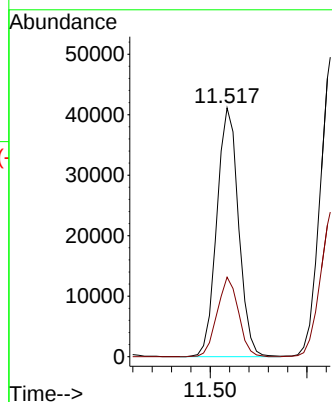
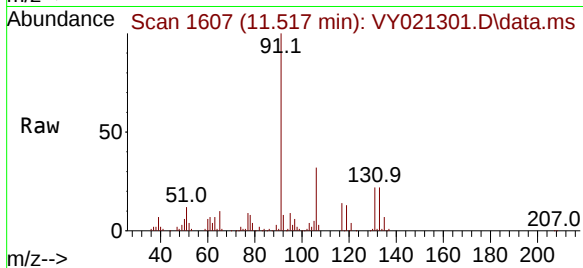
VSTDIC010

Tgt Ion: 91 Resp: 64188

Ion Ratio Lower Upper

91 100

106 32.0 24.2 36.4



#68

m/p-Xylenes

Concen: 19.005 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY021301.D

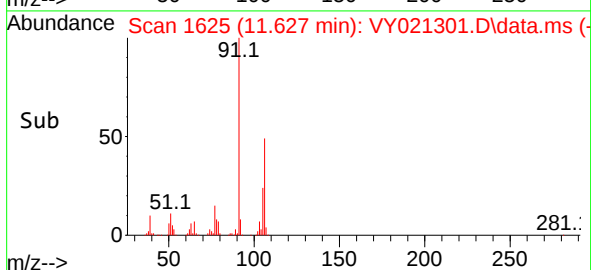
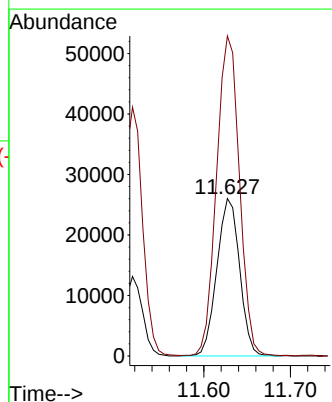
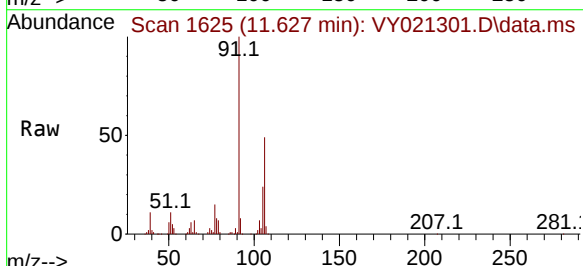
Acq: 24 Feb 2025 15:29

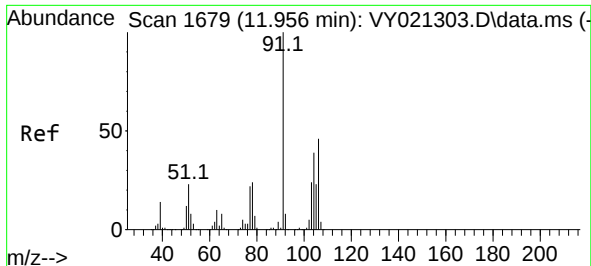
Tgt Ion:106 Resp: 47449

Ion Ratio Lower Upper

106 100

91 205.3 164.0 246.0

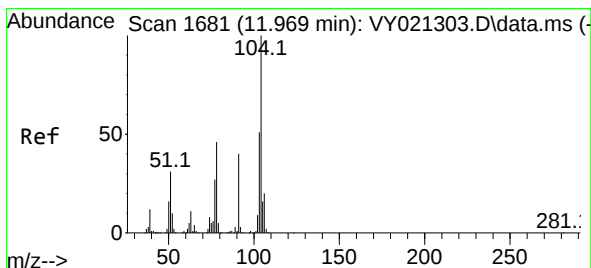
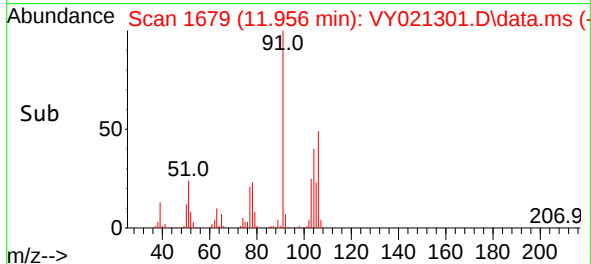
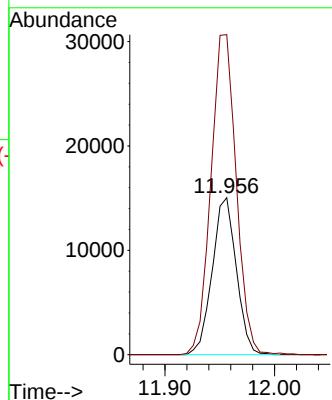
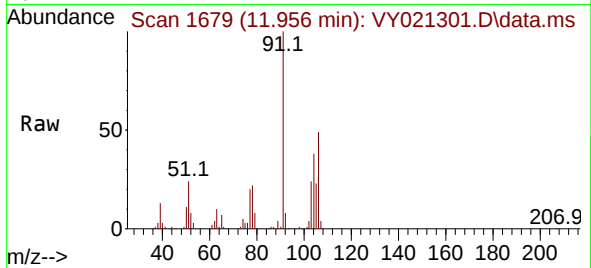




#69
o-Xylene
Concen: 9.579 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

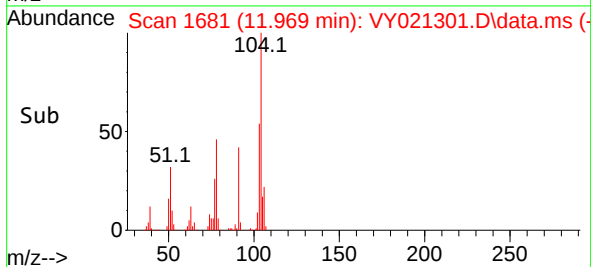
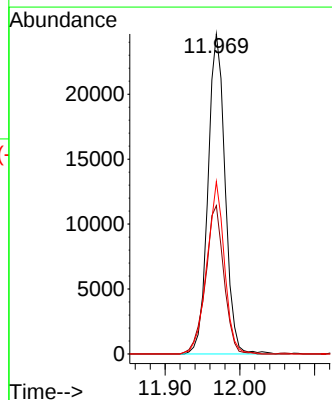
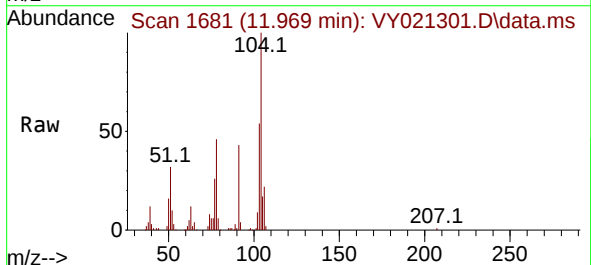
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

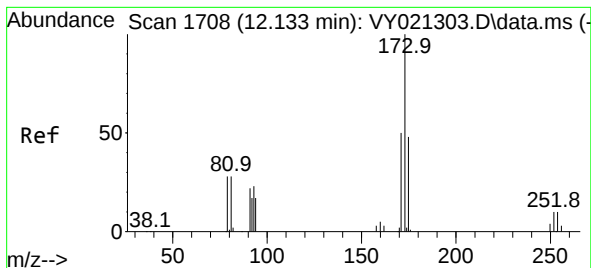
Tgt Ion:106 Resp: 23005
Ion Ratio Lower Upper
106 100
91 214.5 108.8 326.4



#70
Styrene
Concen: 9.593 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion:104 Resp: 39076
Ion Ratio Lower Upper
104 100
78 49.9 41.0 61.6
103 55.3 44.2 66.4





#71

Bromoform

Concen: 10.595 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

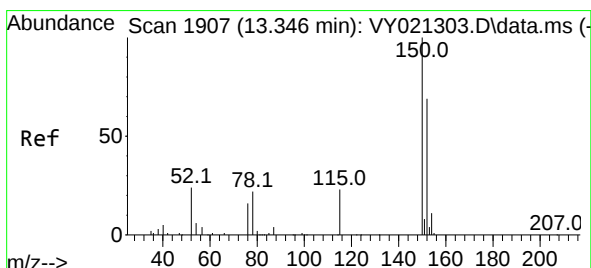
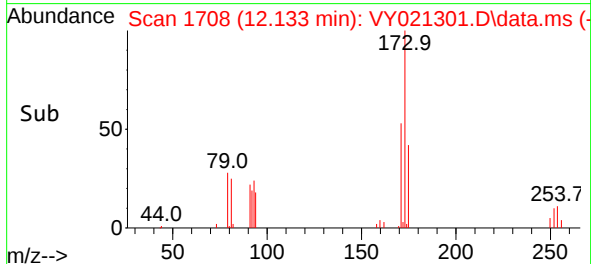
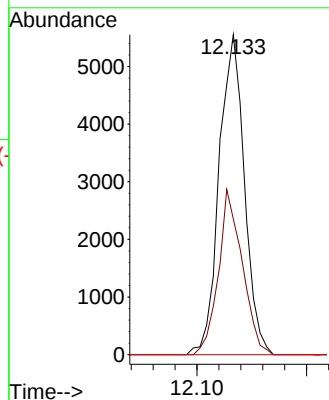
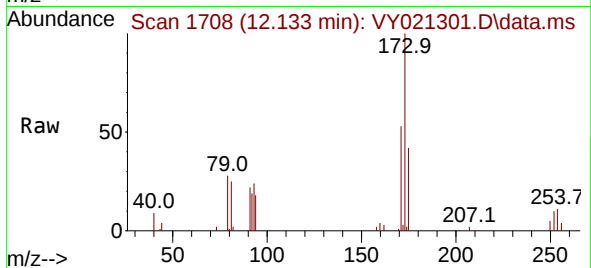
Tgt Ion:173 Resp: 8884

Ion Ratio Lower Upper

173 100

175 48.8 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: VY021301.D

Acq: 24 Feb 2025 15:29

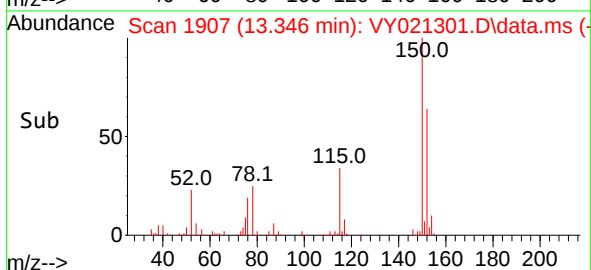
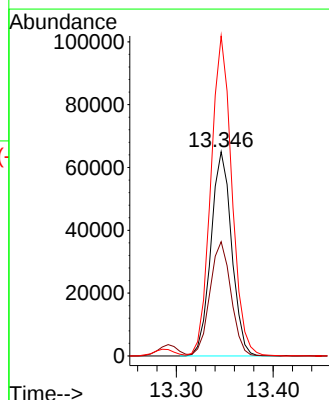
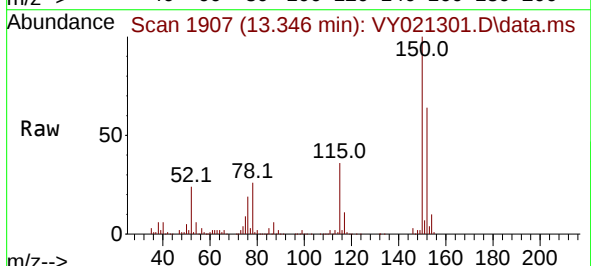
Tgt Ion:152 Resp: 96676

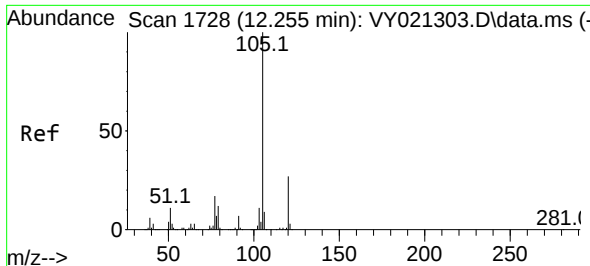
Ion Ratio Lower Upper

152 100

115 56.8 29.0 87.1

150 158.8 0.0 345.8

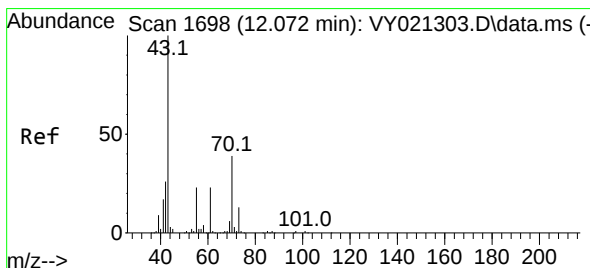
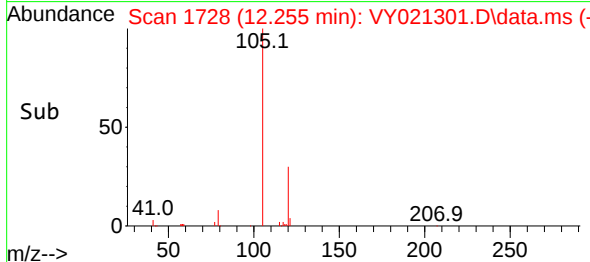
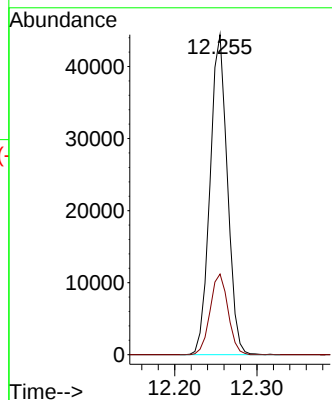
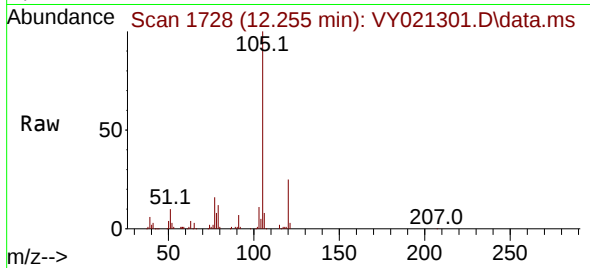




#73
Isopropylbenzene
Concen: 9.944 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

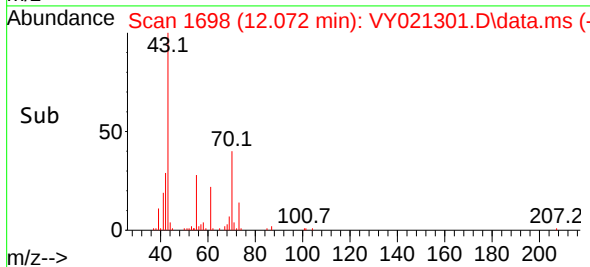
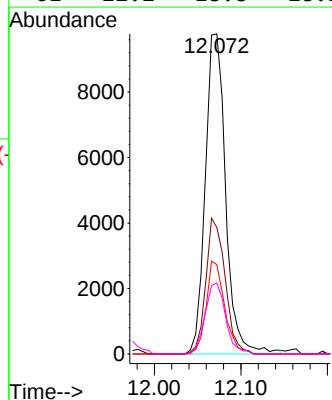
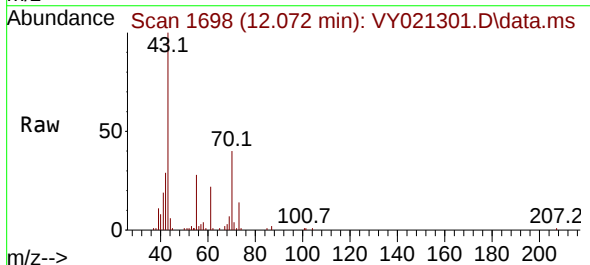
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

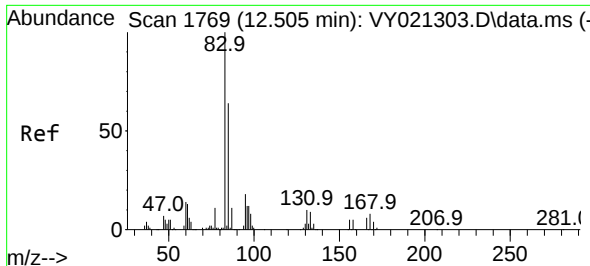
Tgt Ion:105 Resp: 64937
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5



#74
N-ethyl acetate
Concen: 9.273 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 43 Resp: 16000
Ion Ratio Lower Upper
43 100
70 40.1 31.4 47.2
55 26.4 19.5 29.3
61 22.2 18.8 28.2

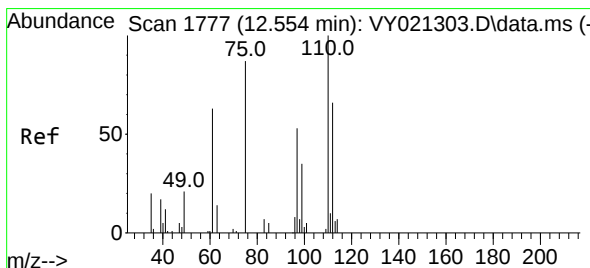
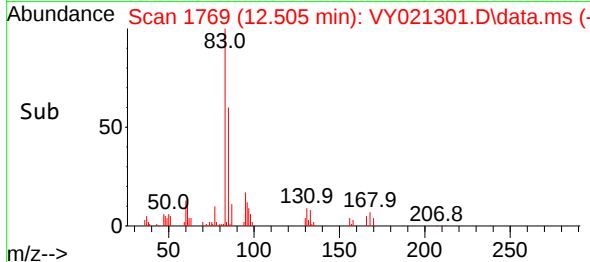
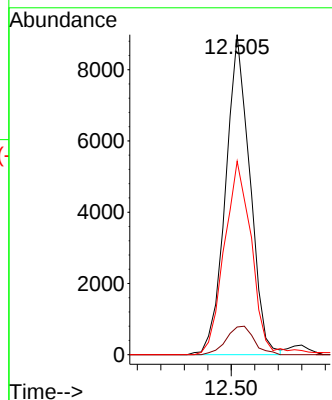
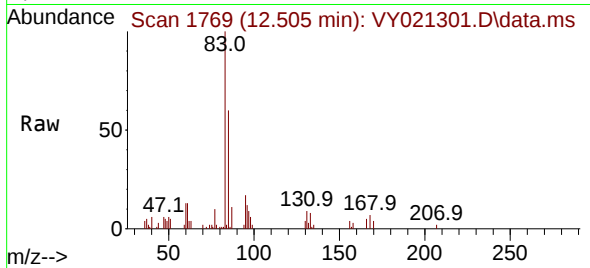




#75
1,1,2,2-Tetrachloroethane
Concen: 10.491 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

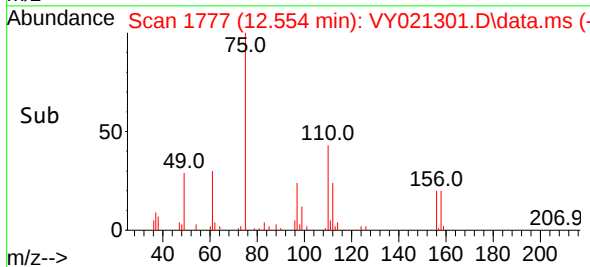
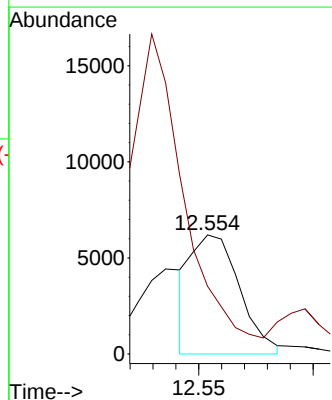
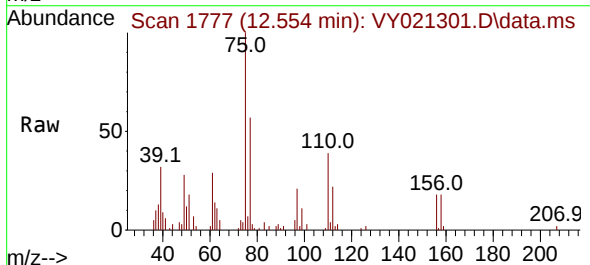
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

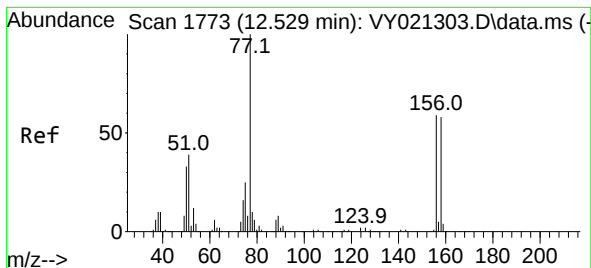
Tgt Ion: 83 Resp: 12903
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.9
85 68.6 31.3 93.9



#76
1,2,3-Trichloropropane
Concen: 10.198 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 75 Resp: 9129
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.954 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

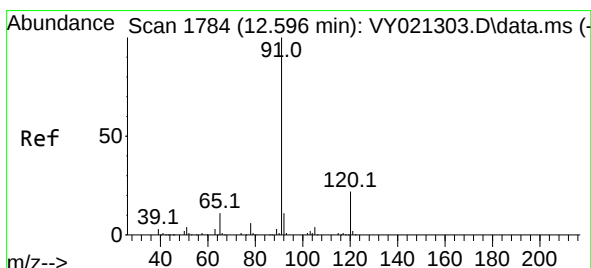
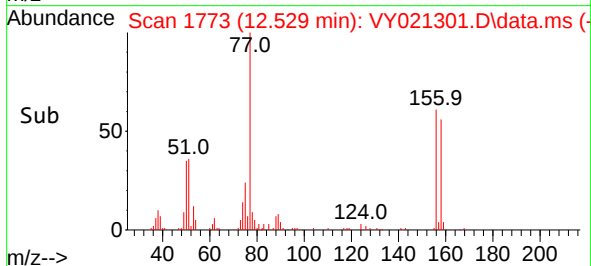
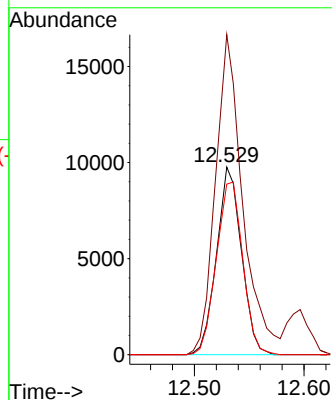
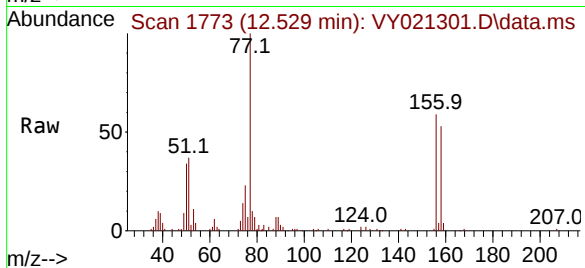
Tgt Ion:156 Resp: 15419

Ion Ratio Lower Upper

156 100

77 186.7 91.2 273.6

158 97.5 48.8 146.3



#78

n-propylbenzene

Concen: 9.732 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY021301.D

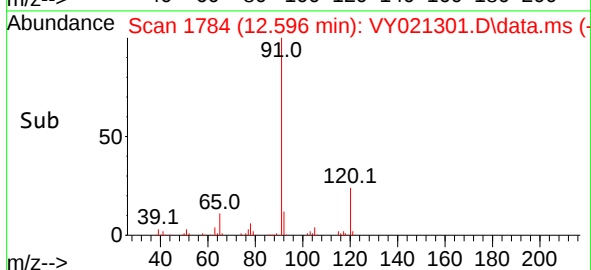
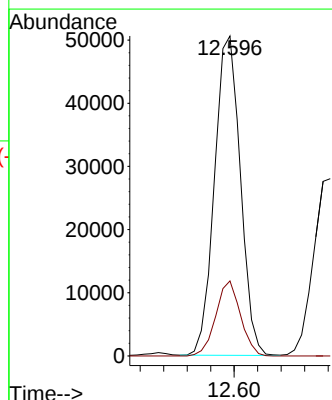
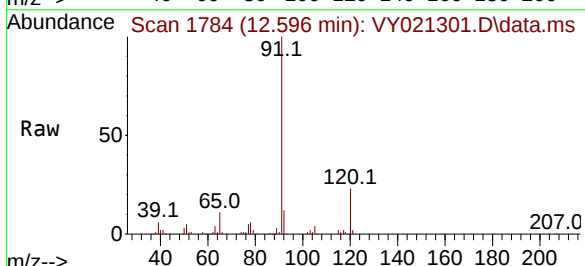
Acq: 24 Feb 2025 15:29

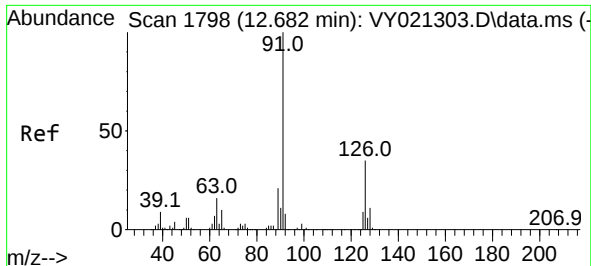
Tgt Ion: 91 Resp: 77209

Ion Ratio Lower Upper

91 100

120 22.4 11.1 33.3

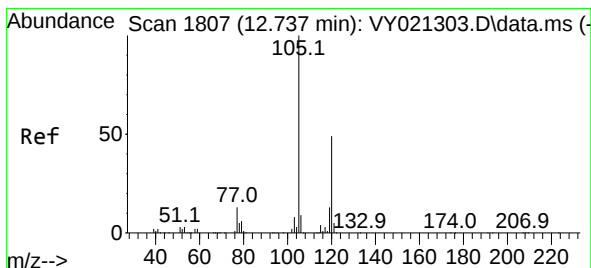
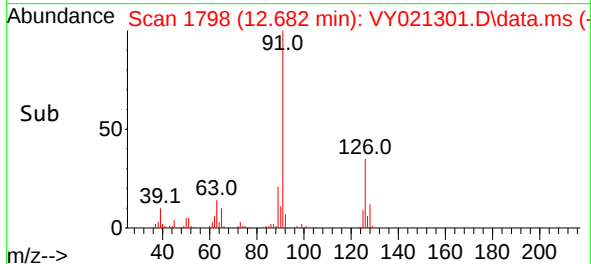
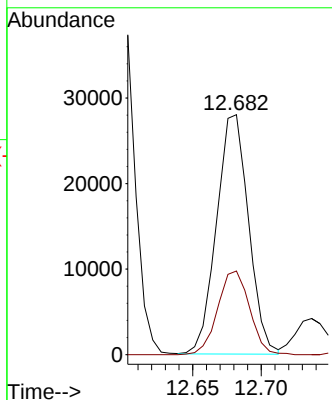
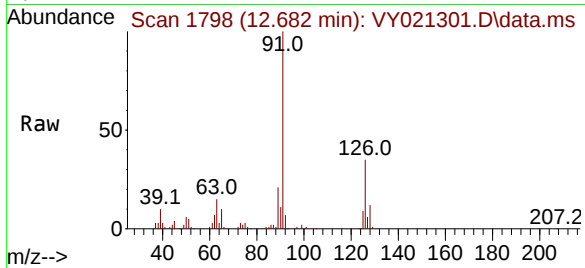




#79
2-Chlorotoluene
Concen: 9.976 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

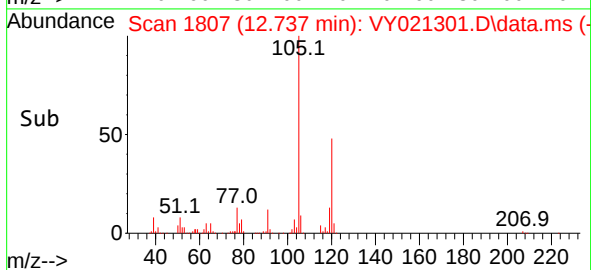
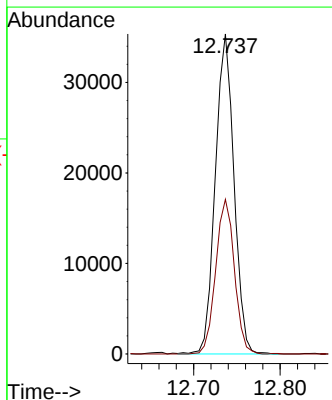
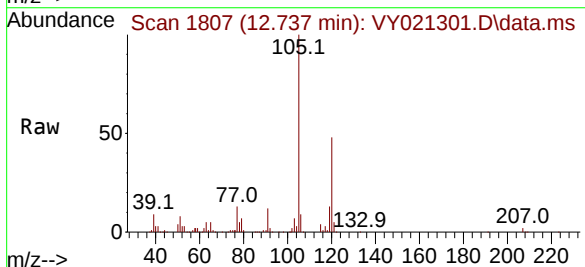
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

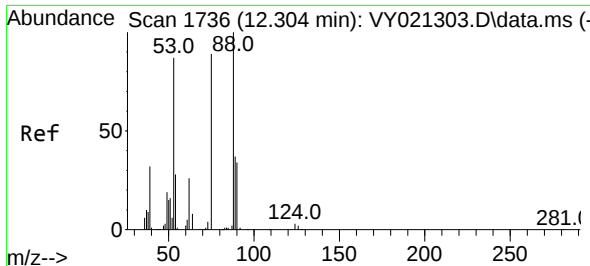
Tgt Ion: 91 Resp: 45527
Ion Ratio Lower Upper
91 100
126 34.7 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 9.835 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 105 Resp: 52836
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

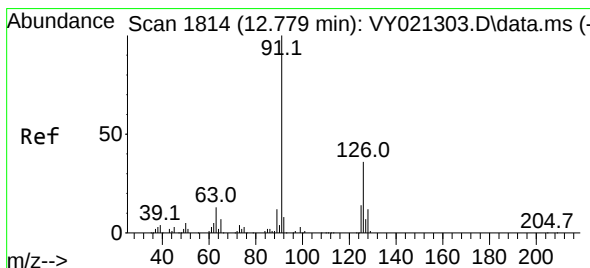
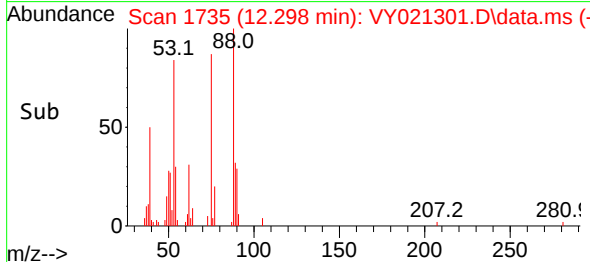
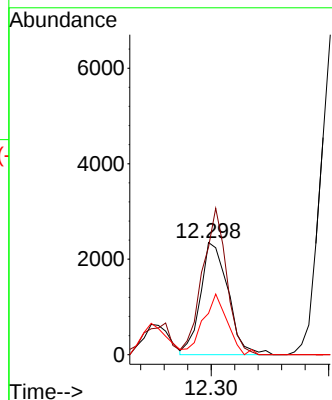
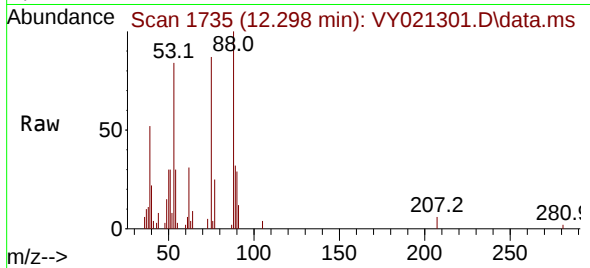




#81
trans-1,4-Dichloro-2-butene
Concen: 9.314 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

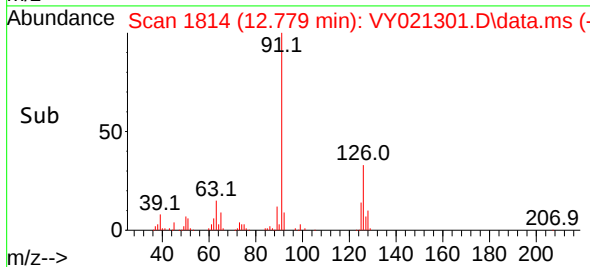
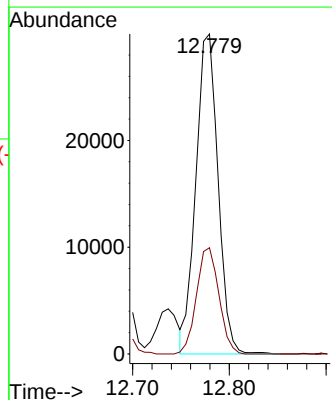
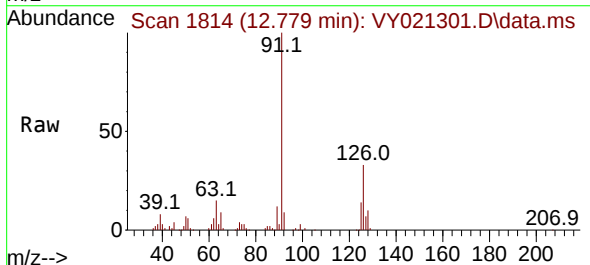
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

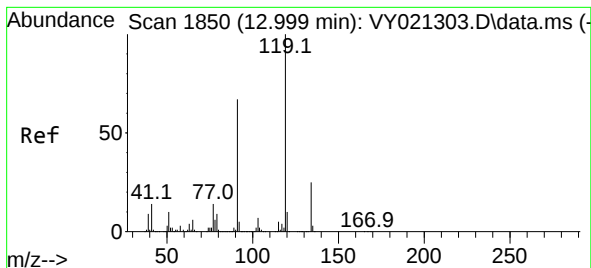
Tgt Ion: 75 Resp: 3833
Ion Ratio Lower Upper
75 100
53 114.9 79.8 119.8
89 47.8 36.4 54.6



#82
4-Chlorotoluene
Concen: 10.073 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 91 Resp: 47811
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.6





#83

tert-Butylbenzene

Concen: 10.180 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY021301.D

Acq: 24 Feb 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

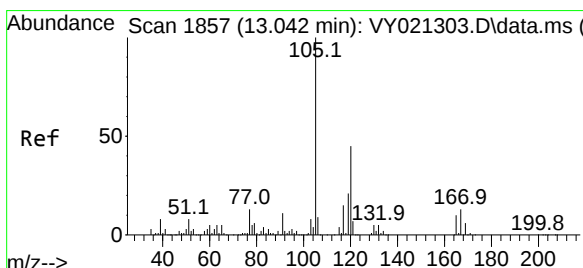
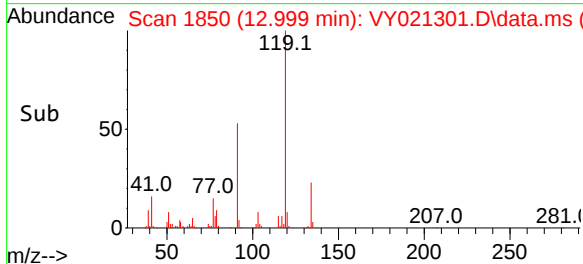
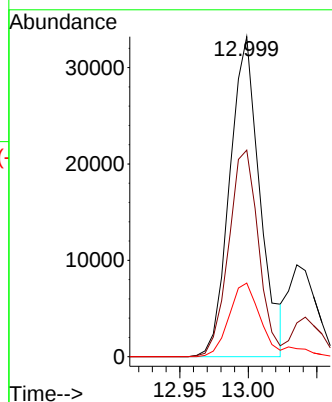
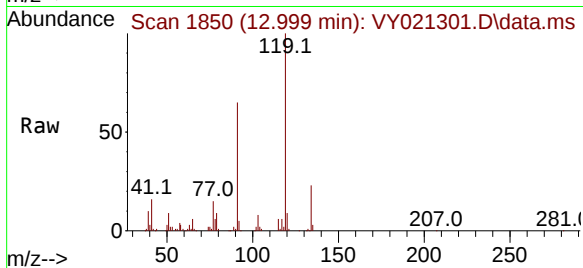
Tgt Ion:119 Resp: 50885

Ion Ratio Lower Upper

119 100

91 64.0 32.4 97.2

134 25.8 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 9.895 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY021301.D

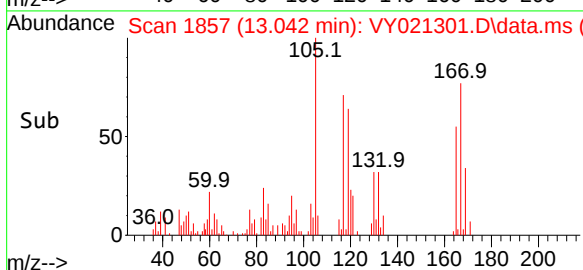
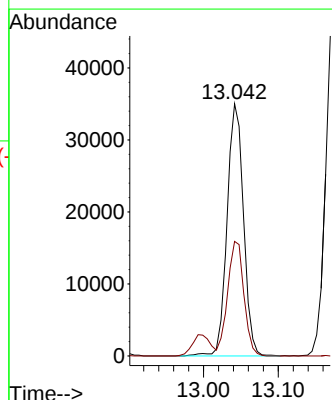
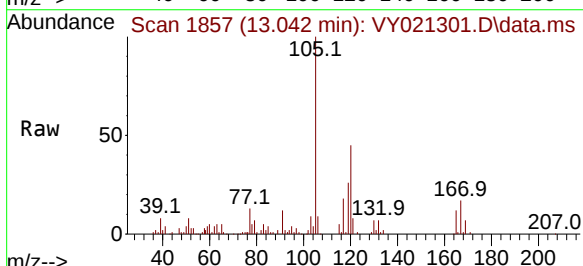
Acq: 24 Feb 2025 15:29

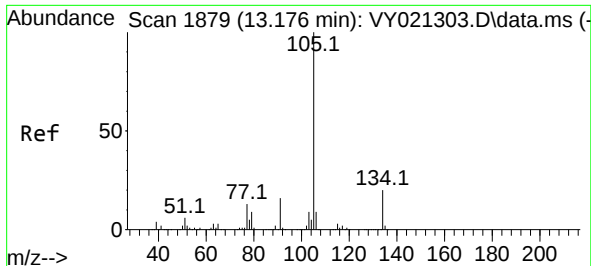
Tgt Ion:105 Resp: 53562

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.5

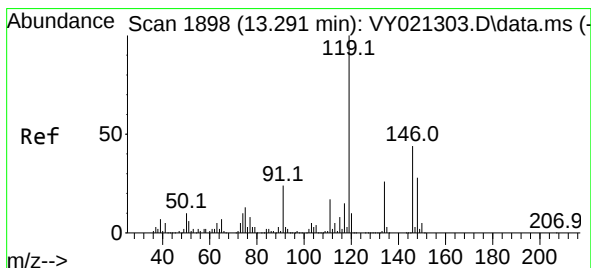
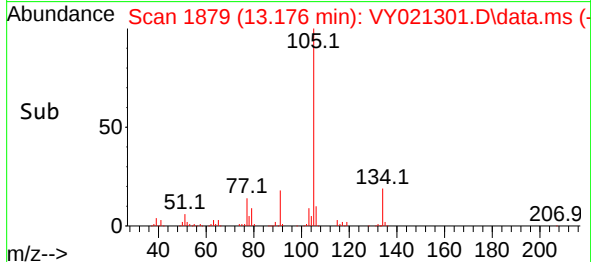
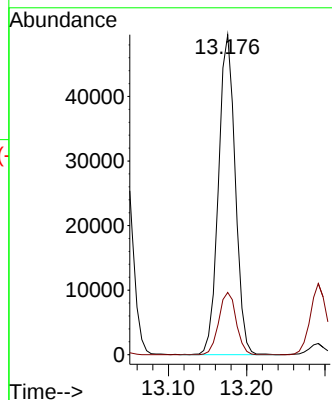
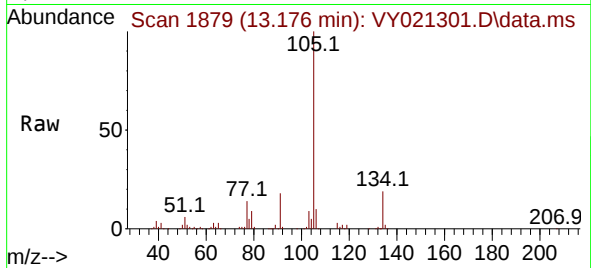




#85
 sec-Butylbenzene
 Concen: 10.237 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY021301.D
 Acq: 24 Feb 2025 15:29

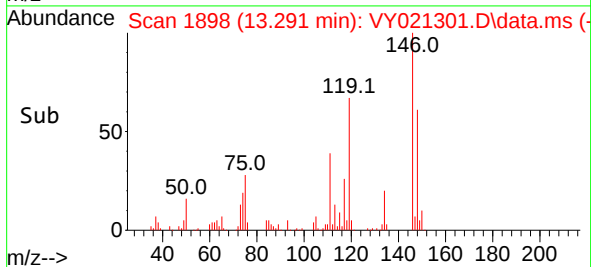
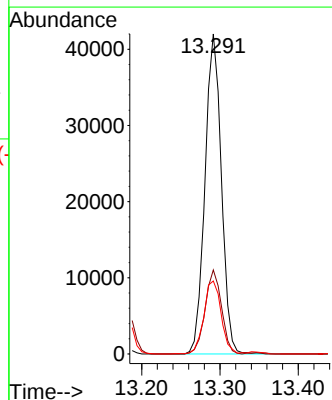
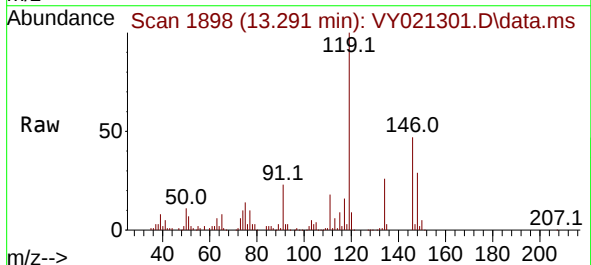
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

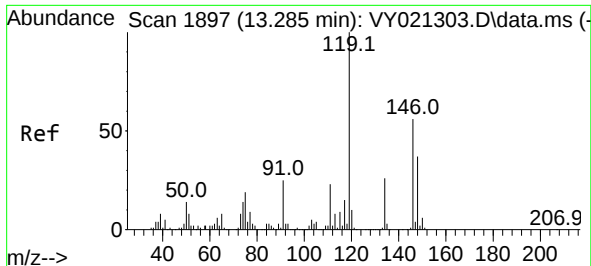
Tgt Ion:105 Resp: 73765
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 10.109 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY021301.D
 Acq: 24 Feb 2025 15:29

Tgt Ion:119 Resp: 60954
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 24.2 12.0 36.0

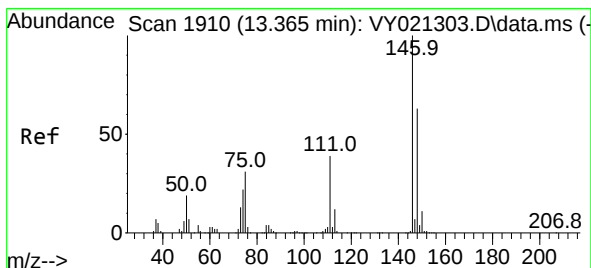
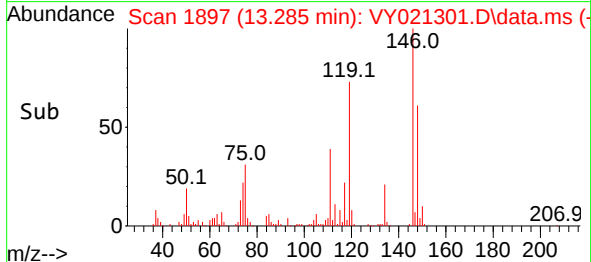
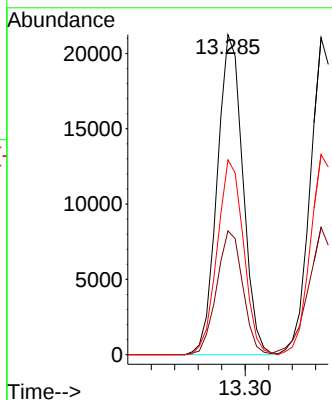
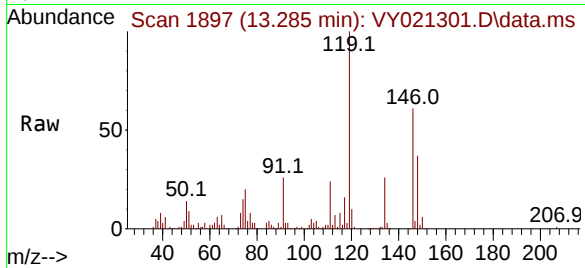




#87
 1,3-Dichlorobenzene
 Concen: 10.244 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY021301.D
 Acq: 24 Feb 2025 15:29

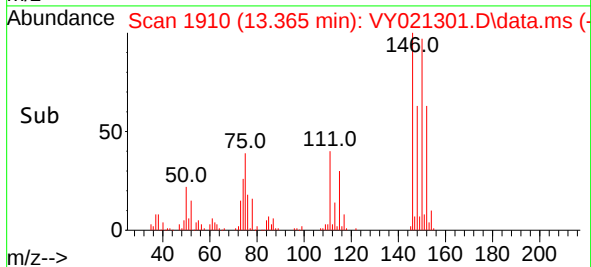
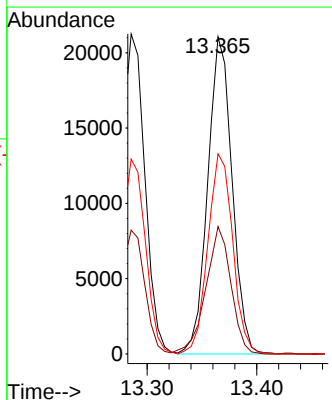
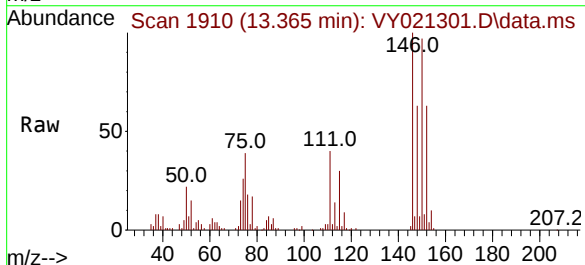
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

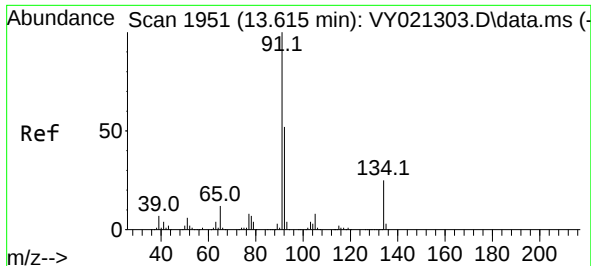
Tgt Ion:	146	Resp:	32311
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.8	59.4
148	62.3	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 10.449 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY021301.D
 Acq: 24 Feb 2025 15:29

Tgt Ion:	146	Resp:	32508
Ion Ratio	Lower	Upper	
146	100		
111	41.4	19.3	57.9
148	64.5	31.6	94.8

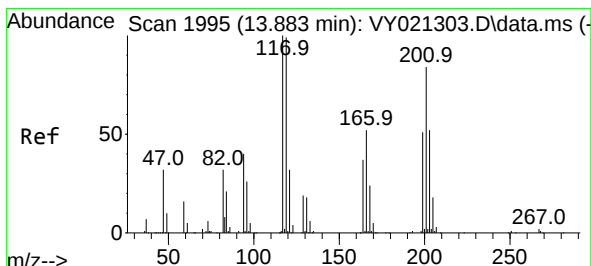
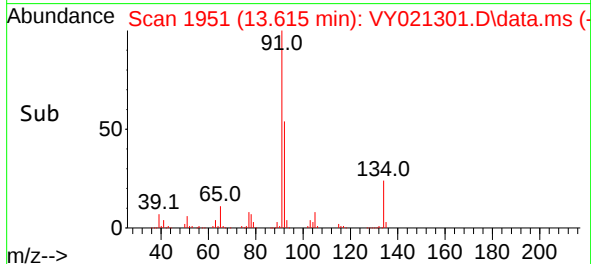
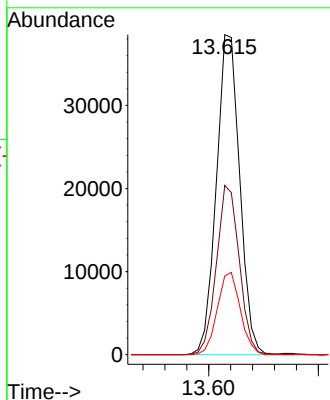
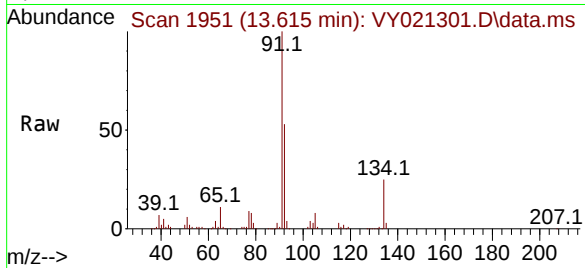




#89
n-Butylbenzene
Concen: 9.923 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

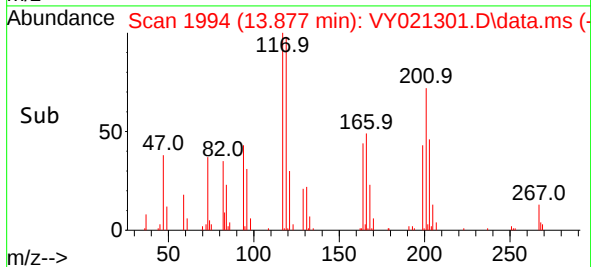
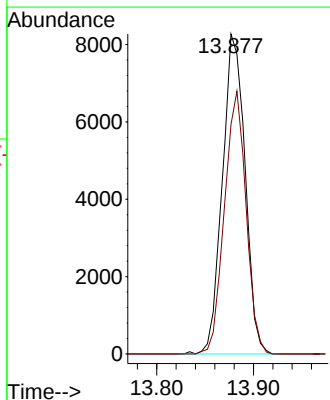
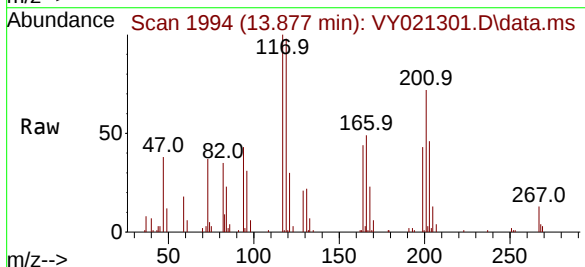
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

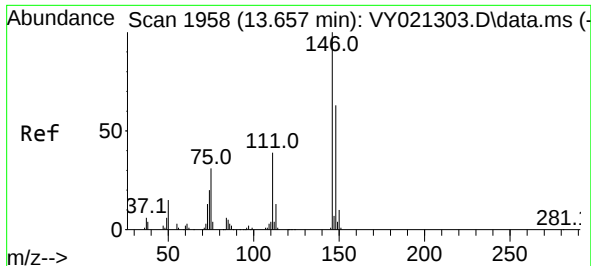
Tgt Ion: 91 Resp: 57052
Ion Ratio Lower Upper
91 100
92 51.8 26.4 79.2
134 25.3 12.8 38.3



#90
Hexachloroethane
Concen: 10.396 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion: 117 Resp: 13440
Ion Ratio Lower Upper
117 100
201 78.4 39.5 118.3

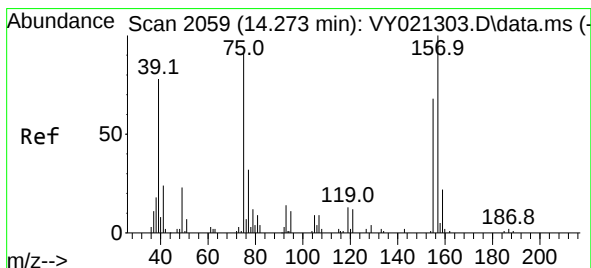
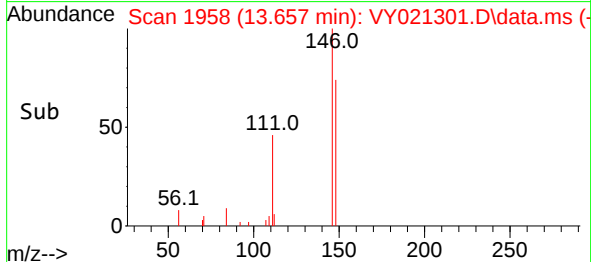
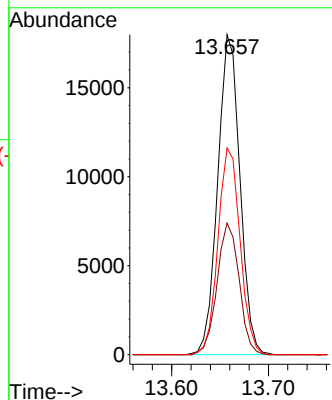
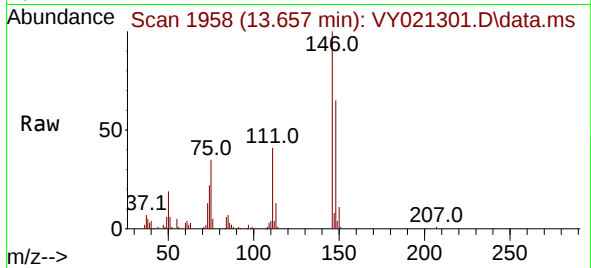




#91
 1,2-Dichlorobenzene
 Concen: 10.308 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY021301.D
 Acq: 24 Feb 2025 15:29

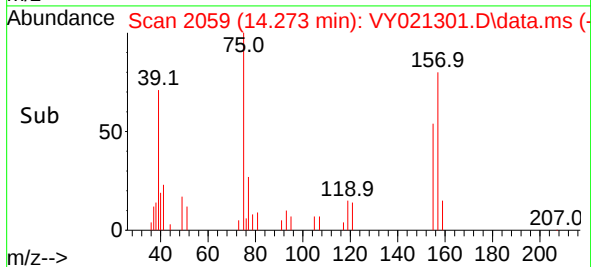
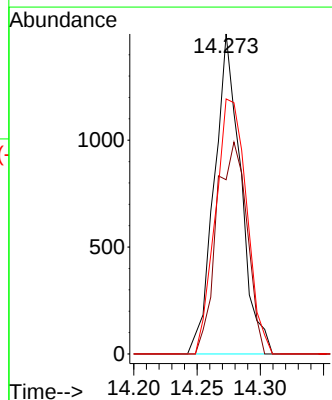
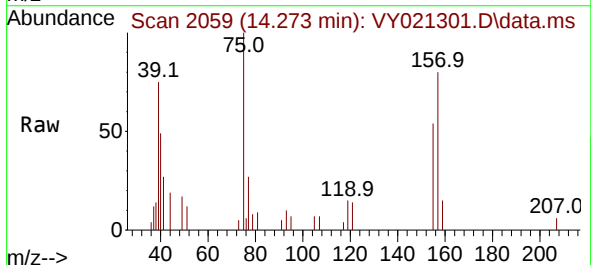
Instrument :
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 ClientSampleId :
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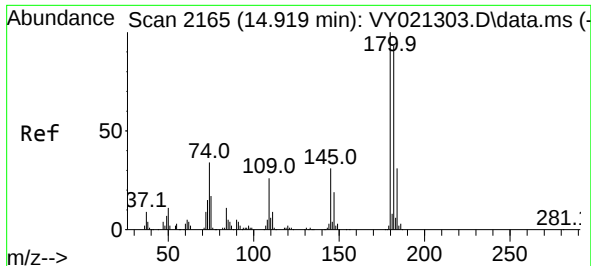
Tgt Ion:146 Resp: 28677
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.5 61.5
 148 64.4 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.791 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY021301.D
 Acq: 24 Feb 2025 15:29

Tgt Ion: 75 Resp: 2175
 Ion Ratio Lower Upper
 75 100
 155 76.1 41.8 125.3
 157 93.7 55.3 165.9

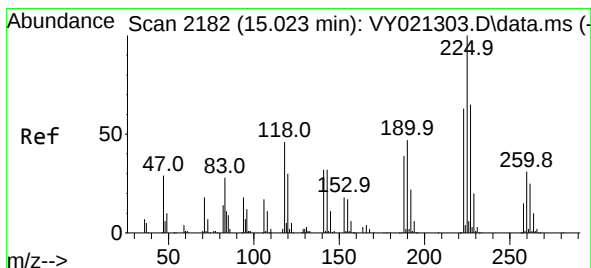
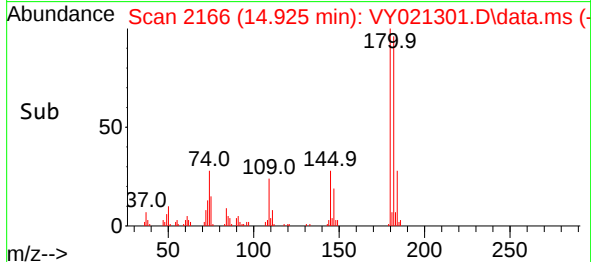
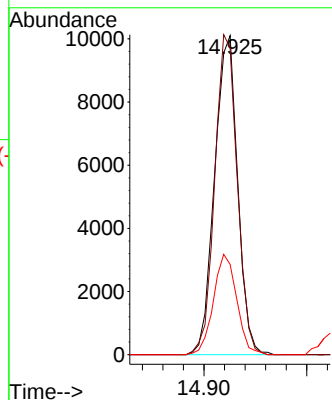
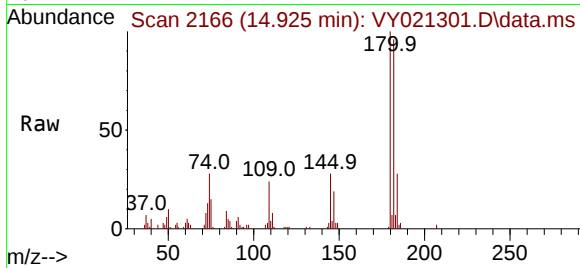




#93
1,2,4-Trichlorobenzene
Concen: 9.414 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

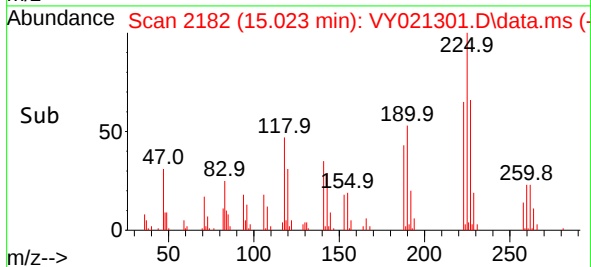
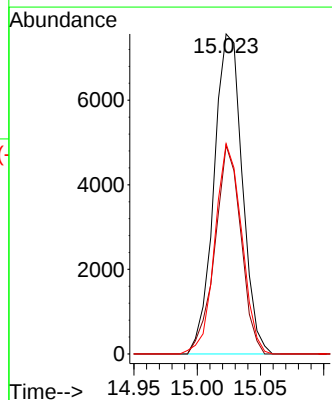
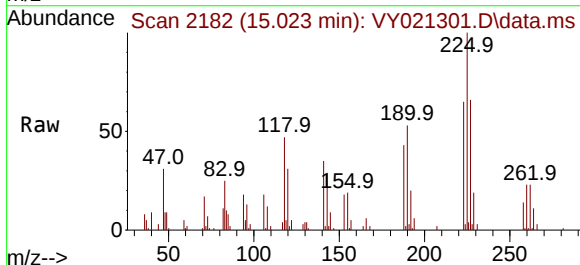
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

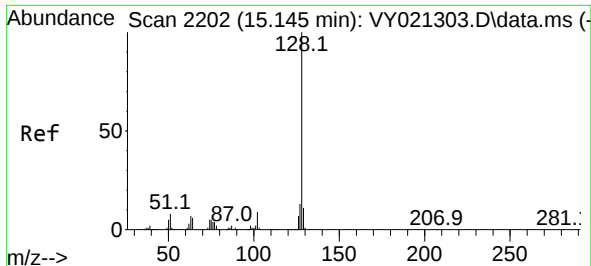
Tgt Ion:180 Resp: 15676
Ion Ratio Lower Upper
180 100
182 97.8 47.8 143.4
145 31.9 15.2 45.6



#94
Hexachlorobutadiene
Concen: 10.804 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion:225 Resp: 11755
Ion Ratio Lower Upper
225 100
223 60.1 30.7 92.1
227 62.3 31.8 95.3

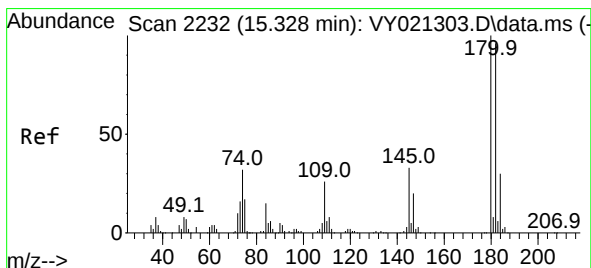
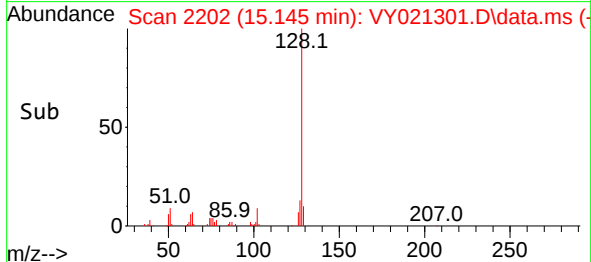
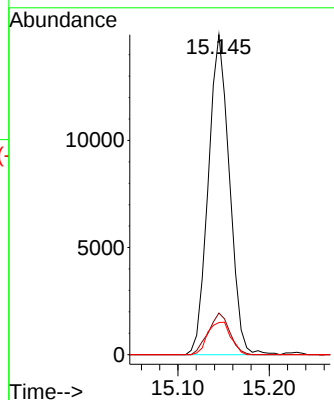
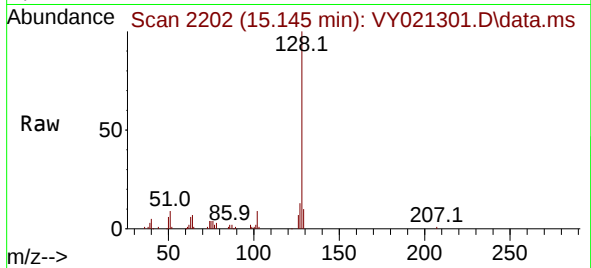




#95
Naphthalene
Concen: 8.681 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:128	Resp:	23966
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.8 16.2
129	11.1	8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 9.567 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY021301.D
Acq: 24 Feb 2025 15:29

Tgt Ion:180	Resp:	13677
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.5 142.5
145	34.1	16.2 48.5

