

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021657.D
 Acq On : 27 Mar 2025 10:31
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Mar 28 02:14:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	225523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	354785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	311737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	152005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	25195	10.311	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.620%#
35) Dibromofluoromethane	7.634	113	22797	9.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.820%#
50) Toluene-d8	10.103	98	88000	10.051	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.100%#
62) 4-Bromofluorobenzene	12.408	95	29125	9.835	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.660%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	26017	11.130	ug/l	99
3) Chloromethane	2.068	50	34949	10.633	ug/l	99
4) Vinyl Chloride	2.202	62	39982	10.756	ug/l	96
5) Bromomethane	2.592	94	27670	10.914	ug/l	97
6) Chloroethane	2.733	64	25703	10.567	ug/l	98
7) Trichlorofluoromethane	3.056	101	50711	10.650	ug/l	100
8) Diethyl Ether	3.452	74	13940	10.765	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	27088	10.786	ug/l	98
10) Methyl Iodide	4.001	142	26193	9.507	ug/l	99
11) Tert butyl alcohol	4.860	59	8671	54.634	ug/l #	87
12) 1,1-Dichloroethene	3.793	96	25446	10.757	ug/l	88
13) Acrolein	3.653	56	15799	54.518	ug/l	100
14) Allyl chloride	4.379	41	39045	10.352	ug/l	97
15) Acrylonitrile	5.055	53	28866	53.389	ug/l	98
16) Acetone	3.867	43	27669	55.329	ug/l	99
17) Carbon Disulfide	4.104	76	82458	10.583	ug/l #	94
18) Methyl Acetate	4.385	43	12911	10.417	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	60205	10.223	ug/l	98
20) Methylene Chloride	4.616	84	31313	9.677	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	27407	10.523	ug/l	96
22) Diisopropyl ether	6.012	45	79874	10.095	ug/l	93
23) Vinyl Acetate	5.958	43	233596	50.469	ug/l	98
24) 1,1-Dichloroethane	5.915	63	49217	10.403	ug/l	98
25) 2-Butanone	6.890	43	37356	52.299	ug/l	97
26) 2,2-Dichloropropane	6.884	77	43412	10.316	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	29699	10.140	ug/l	100
28) Bromochloromethane	7.244	49	21186	10.618	ug/l	99
29) Tetrahydrofuran	7.262	42	25111	54.625	ug/l	97
30) Chloroform	7.421	83	51464	10.459	ug/l	98
31) Cyclohexane	7.701	56	46569	10.798	ug/l #	90
32) 1,1,1-Trichloroethane	7.616	97	45673	10.270	ug/l	98
36) 1,1-Dichloropropene	7.835	75	36121	10.304	ug/l	99
37) Ethyl Acetate	6.988	43	18146	10.969	ug/l	98
38) Carbon Tetrachloride	7.817	117	42141	10.496	ug/l	98
39) Methylcyclohexane	9.103	83	42492	10.147	ug/l	98
40) Benzene	8.079	78	108360	10.322	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	23709	26.988	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	31606	10.679	ug/l	100
43) Isopropyl Acetate	8.195	43	33664	10.738	ug/l #	87
44) Trichloroethene	8.866	130	28275	10.571	ug/l	95
45) 1,2-Dichloropropane	9.140	63	25943	10.440	ug/l	99
46) Dibromomethane	9.231	93	15605	10.896	ug/l	94
47) Bromodichloromethane	9.427	83	38737	10.439	ug/l	99
48) Methyl methacrylate	9.219	41	14576	10.130	ug/l	98
49) 1,4-Dioxane	9.231	88	3077	200.565	ug/l	89
51) 4-Methyl-2-Pentanone	10.000	43	85020	52.111	ug/l	98
52) Toluene	10.170	92	66889	10.212	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	33356	10.120	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	39609	10.186	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	20050	10.879	ug/l	95
56) Ethyl methacrylate	10.439	69	21901	9.307	ug/l	96
57) 1,3-Dichloropropane	10.713	76	33316	10.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	54271	47.274	ug/l	98
59) 2-Hexanone	10.762	43	54649	50.295	ug/l	100
60) Dibromochloromethane	10.914	129	26032	10.346	ug/l	94
61) 1,2-Dibromoethane	11.018	107	17722	10.251	ug/l	97
64) Tetrachloroethene	10.646	164	31334	11.036	ug/l	93
65) Chlorobenzene	11.444	112	73433	10.276	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	25506	10.060	ug/l	97
67) Ethyl Benzene	11.518	91	119480	9.750	ug/l	98
68) m/p-Xylenes	11.627	106	93887	20.009	ug/l	99
69) o-Xylene	11.957	106	41768	9.643	ug/l	98
70) Styrene	11.969	104	69196	9.581	ug/l	99
71) Bromoform	12.127	173	14887	10.294	ug/l #	98
73) Isopropylbenzene	12.255	105	112512	9.966	ug/l	100
74) N-amyl acetate	12.072	43	26259	9.910	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	21883	10.781	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	28958	19.219	ug/l #	100
77) Bromobenzene	12.530	156	27648	10.199	ug/l	98
78) n-propylbenzene	12.597	91	135498	9.983	ug/l	99
79) 2-Chlorotoluene	12.682	91	80079	10.158	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	91235	9.888	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	6899	10.550	ug/l	99
82) 4-Chlorotoluene	12.780	91	83484	10.157	ug/l	100
83) tert-Butylbenzene	12.999	119	81296	9.892	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	90142	9.884	ug/l	100
85) sec-Butylbenzene	13.176	105	121575	10.122	ug/l	99
86) p-Isopropyltoluene	13.292	119	97092	9.781	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	53929	10.098	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	54536	10.336	ug/l	95
89) n-Butylbenzene	13.615	91	89162	9.712	ug/l	98
90) Hexachloroethane	13.877	117	21881	10.059	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	48845	10.506	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3387	10.766	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	23748	9.419	ug/l	99
94) Hexachlorobutadiene	15.023	225	15844	10.063	ug/l	99
95) Naphthalene	15.145	128	36711	8.785	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	20711	9.633	ug/l	99

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QLast Update : Fri Mar 28 02:08:57 2025
Response via : Initial Calibration

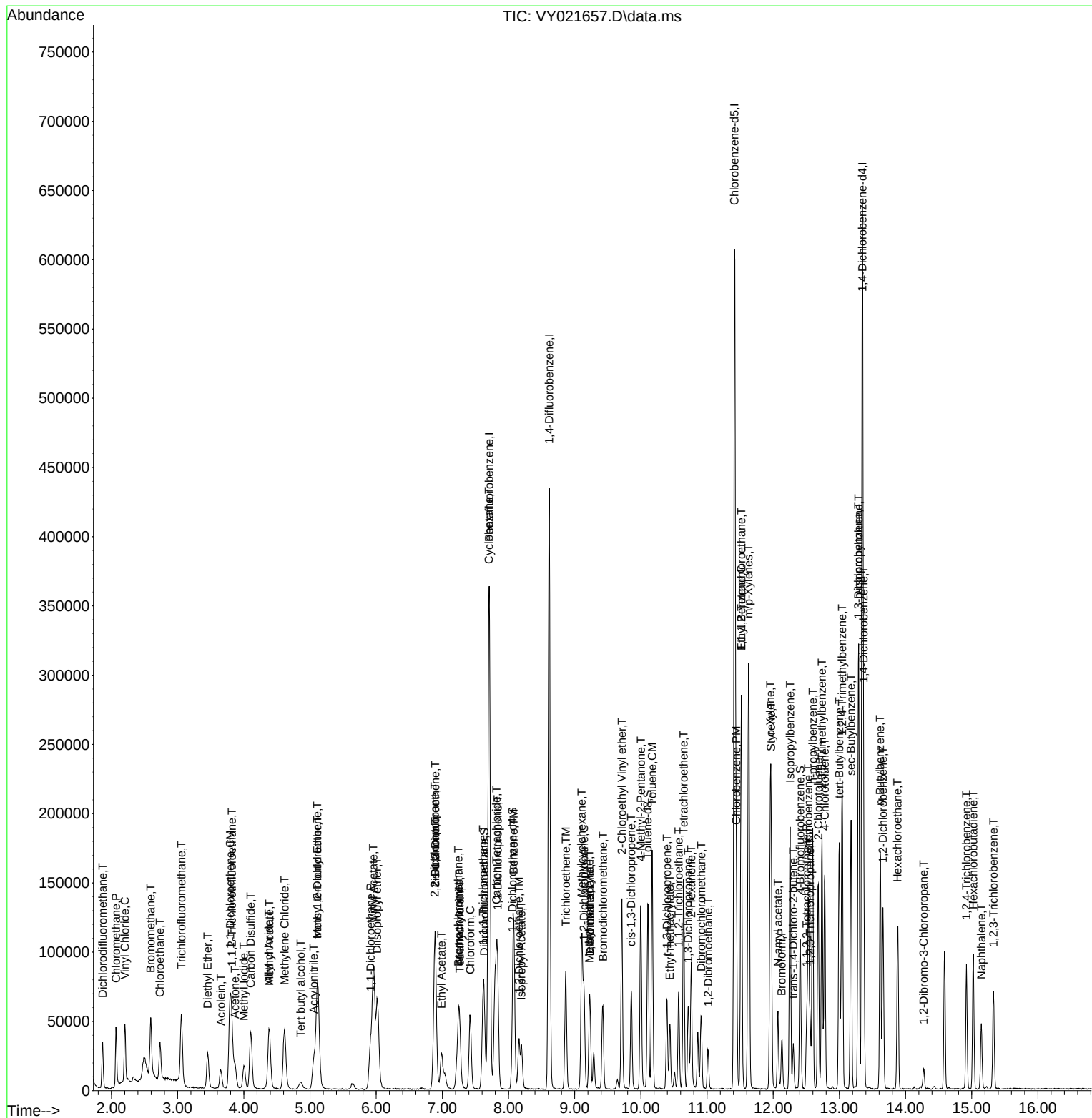
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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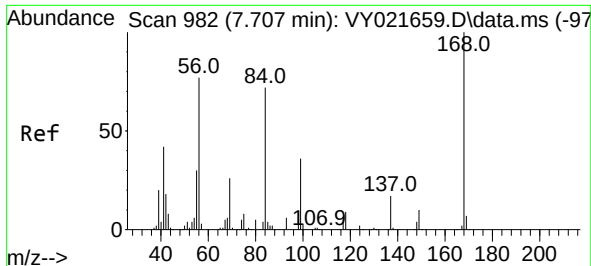
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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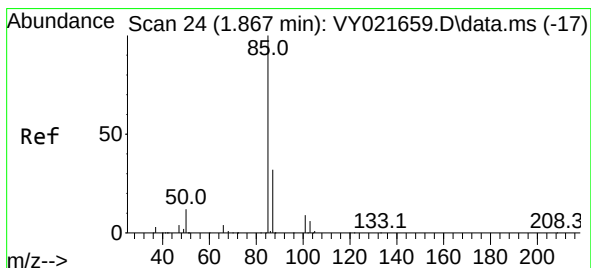
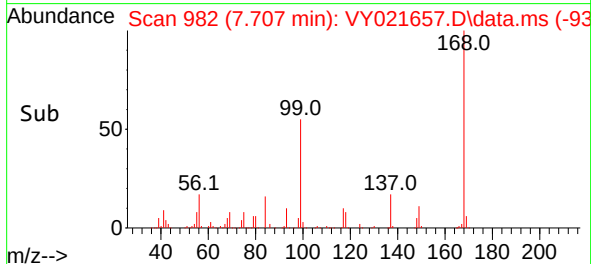
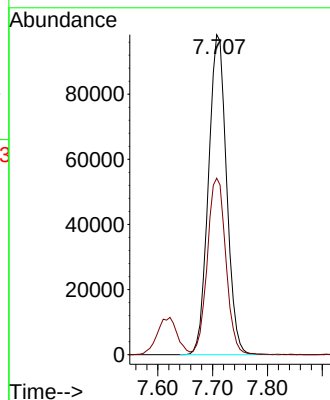
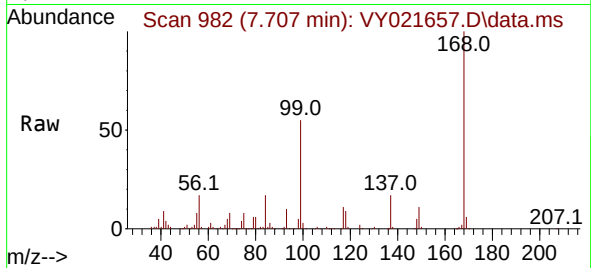




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021657.D
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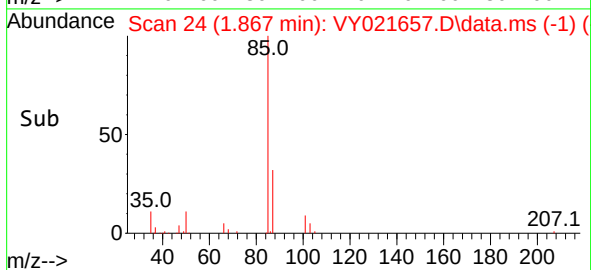
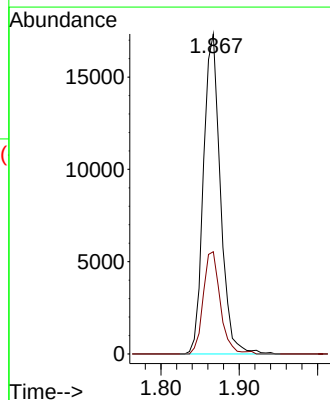
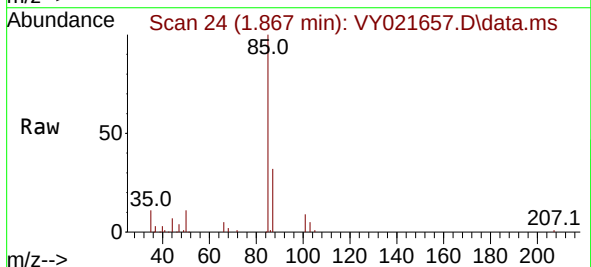
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

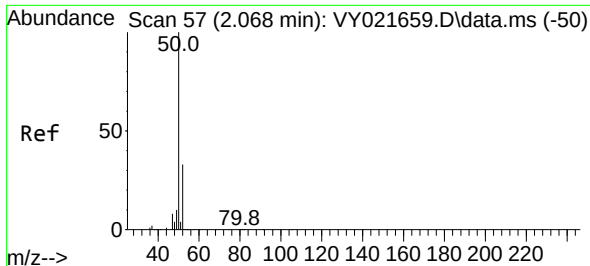
Tgt Ion:168 Resp: 225523
Ion Ratio Lower Upper
168 100
99 55.1 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 11.130 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 85 Resp: 26017
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.6

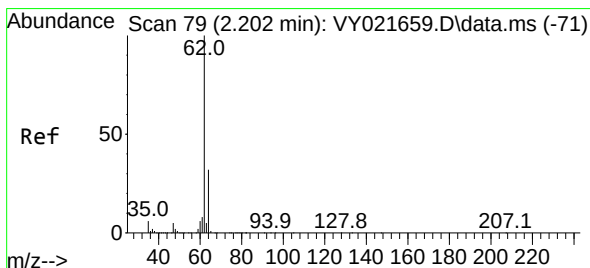
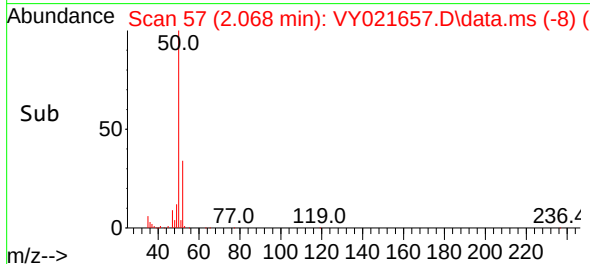
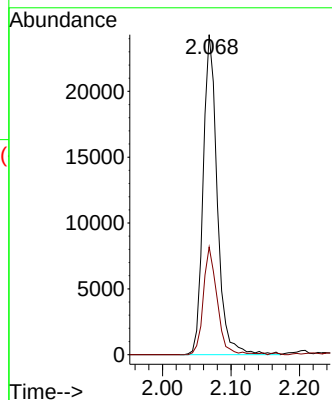
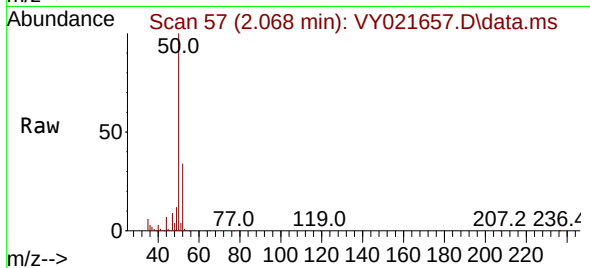




#3
Chloromethane
Concen: 10.633 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

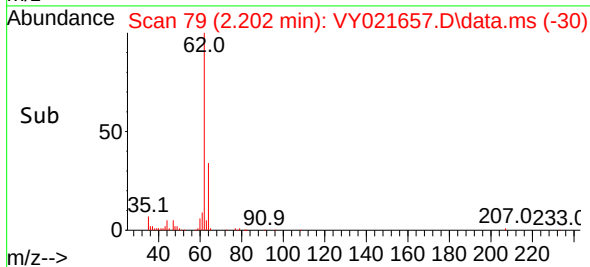
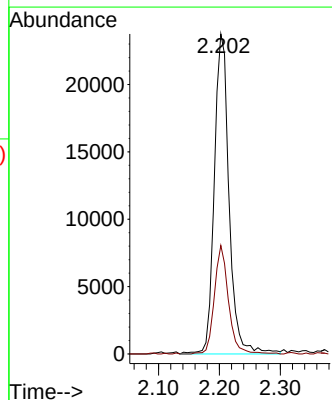
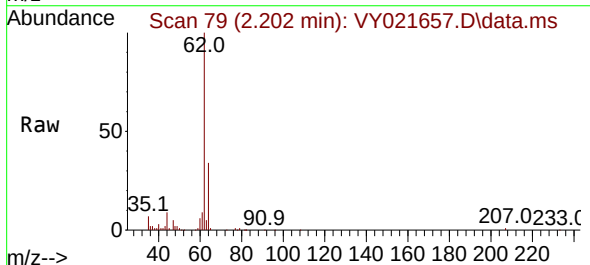
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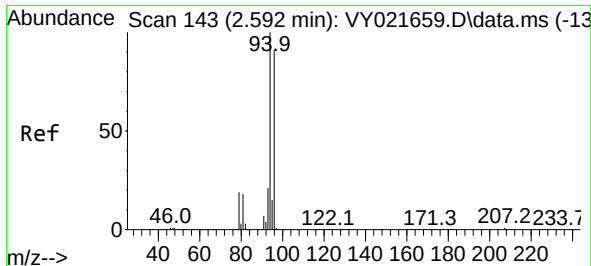
Tgt Ion: 50 Resp: 34949
Ion Ratio Lower Upper
50 100
52 33.7 26.3 39.5



#4
Vinyl Chloride
Concen: 10.756 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 62 Resp: 39982
Ion Ratio Lower Upper
62 100
64 33.9 25.5 38.3

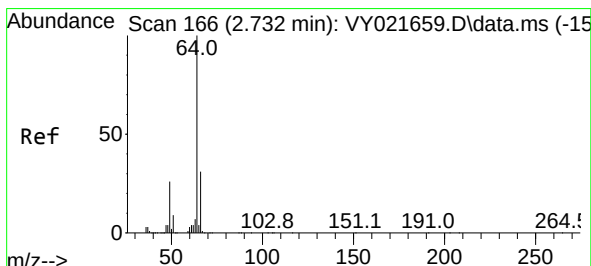
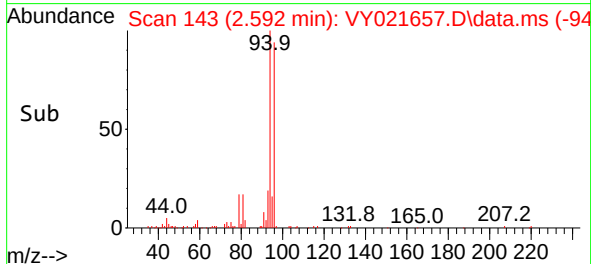
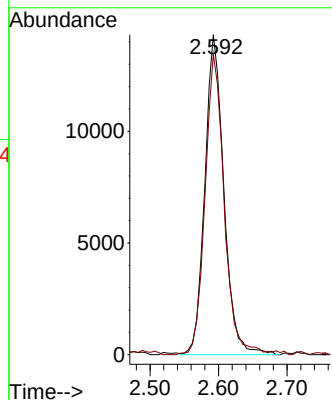
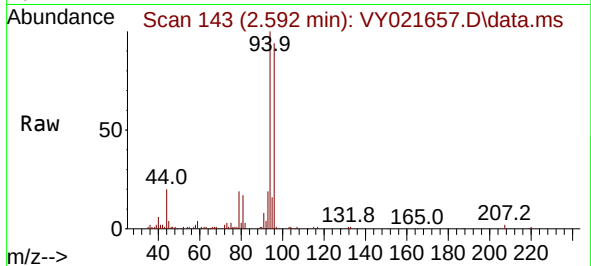




#5
Bromomethane
Concen: 10.914 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021657.D
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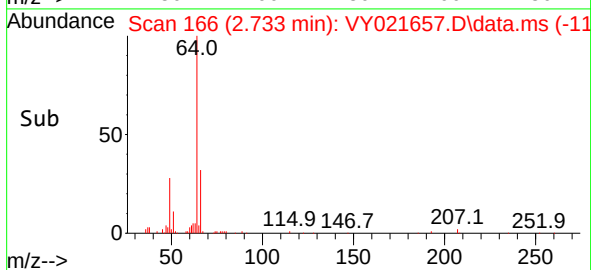
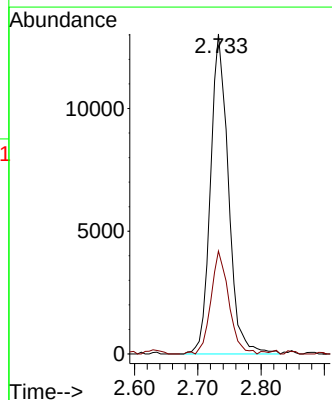
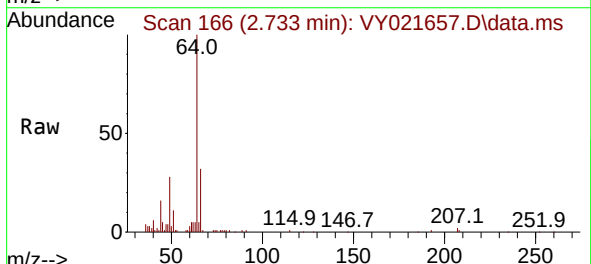
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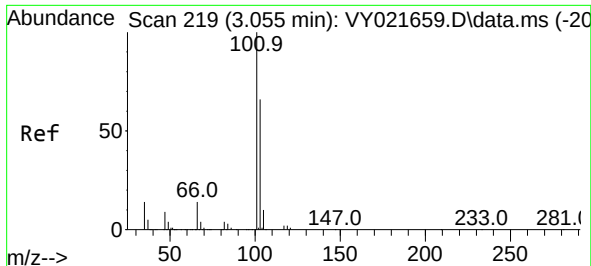
Tgt Ion: 94 Resp: 27670
Ion Ratio Lower Upper
94 100
96 93.4 72.8 109.2



#6
Chloroethane
Concen: 10.567 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 64 Resp: 25703
Ion Ratio Lower Upper
64 100
66 32.1 24.9 37.3

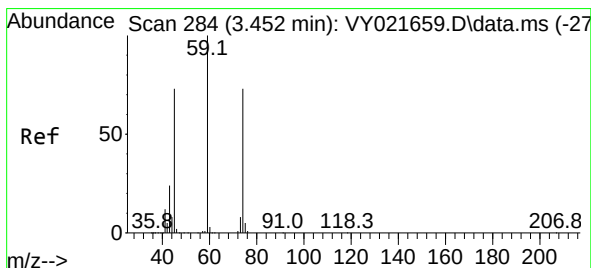
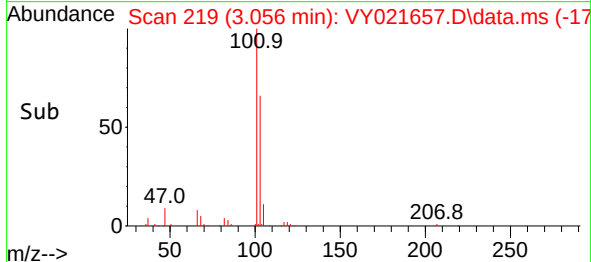
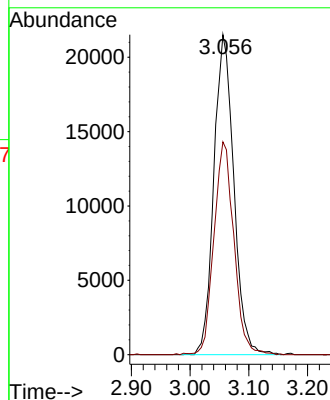
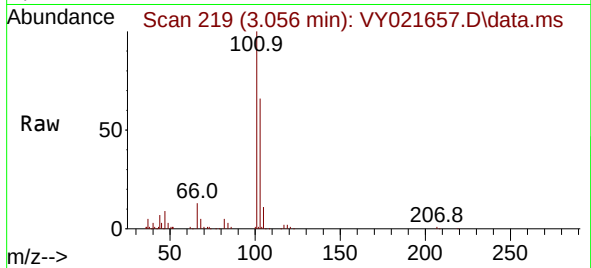




#7
 Trichlorofluoromethane
 Concen: 10.650 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021657.D
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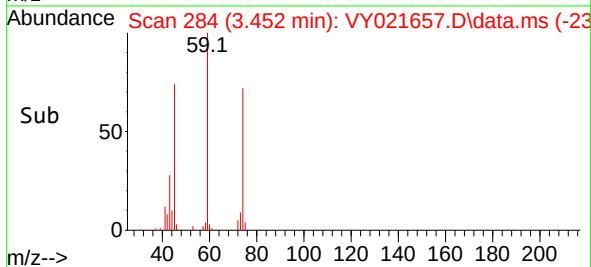
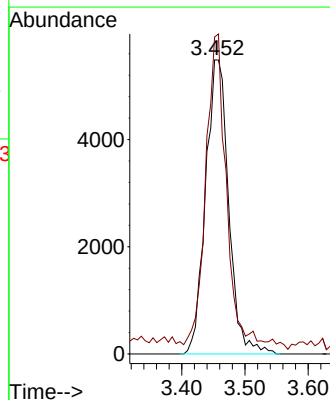
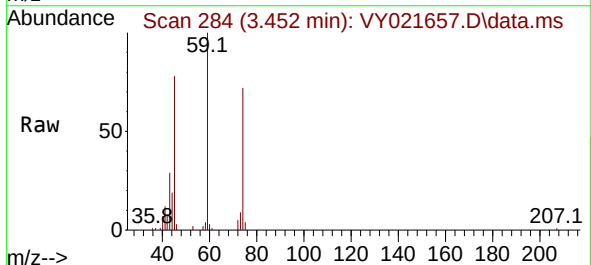
Instrument :
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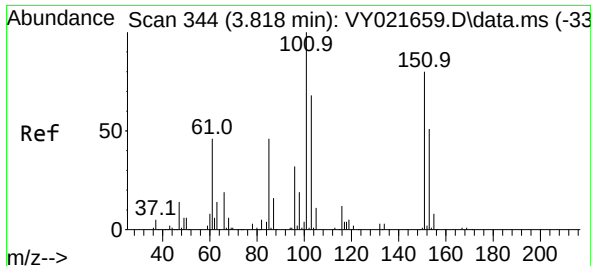
Tgt Ion:101 Resp: 50711
 Ion Ratio Lower Upper
 101 100
 103 66.5 53.1 79.7



#8
 Diethyl Ether
 Concen: 10.765 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021657.D
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Tgt Ion: 74 Resp: 13940
 Ion Ratio Lower Upper
 74 100
 45 92.0 48.6 145.8

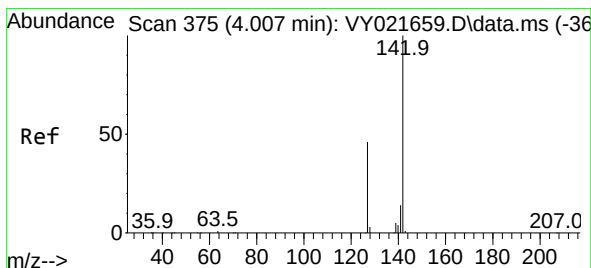
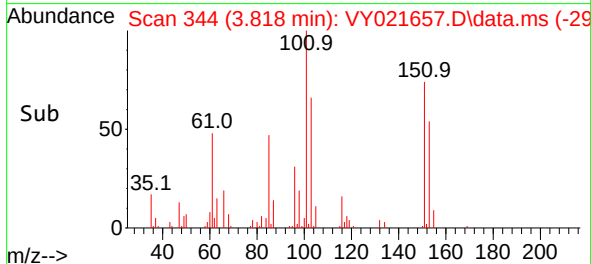
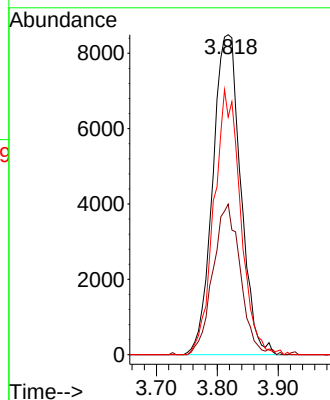
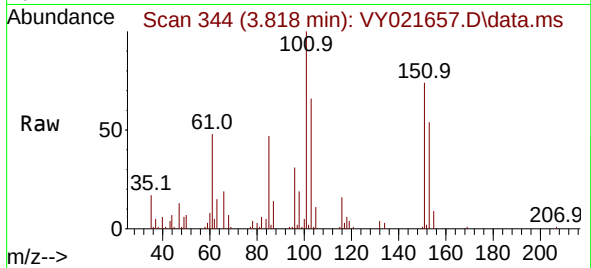




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.786 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

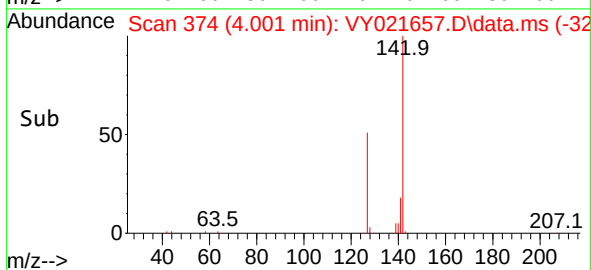
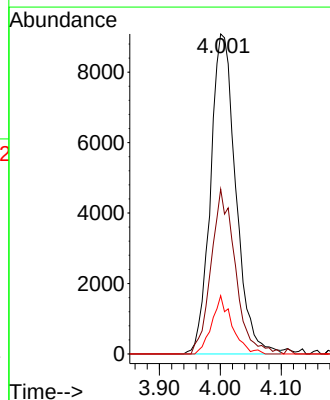
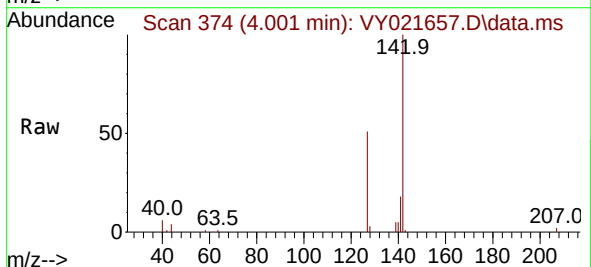
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

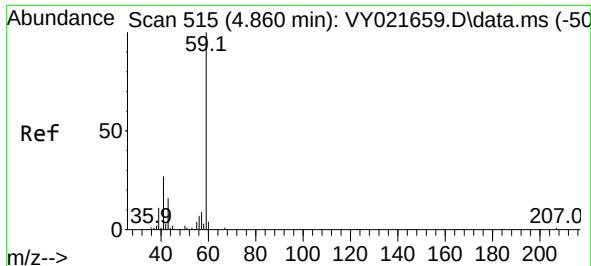
Tgt Ion:101 Resp: 27088
Ion Ratio Lower Upper
101 100
85 45.6 36.3 54.5
151 79.0 61.3 91.9



#10
Methyl Iodide
Concen: 9.507 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion:142 Resp: 26193
Ion Ratio Lower Upper
142 100
127 49.4 38.7 58.1
141 14.6 11.5 17.3

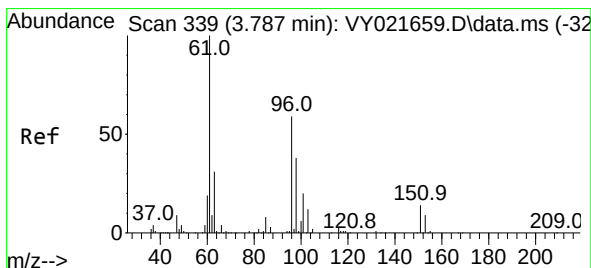
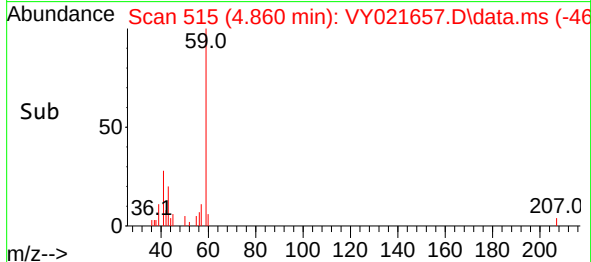
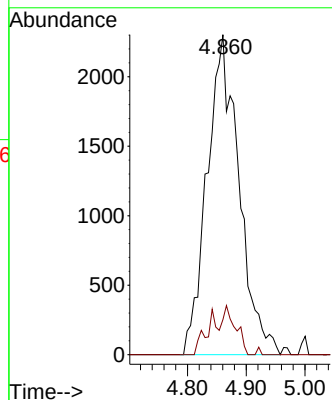
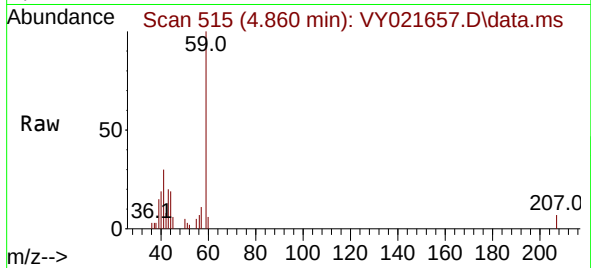




#11
Tert butyl alcohol
Concen: 54.634 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

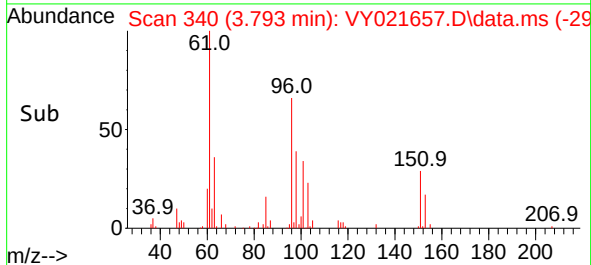
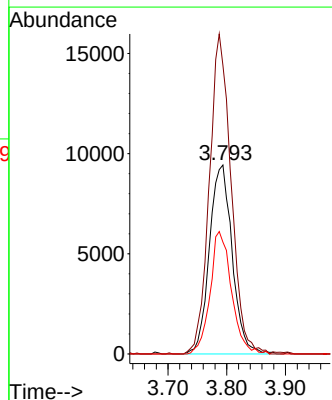
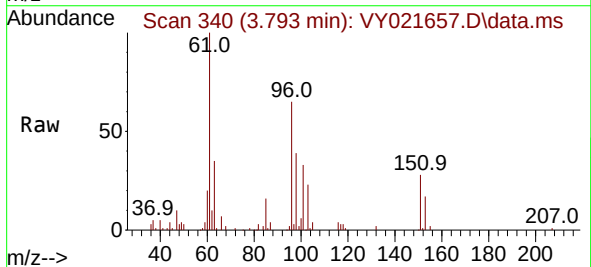
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

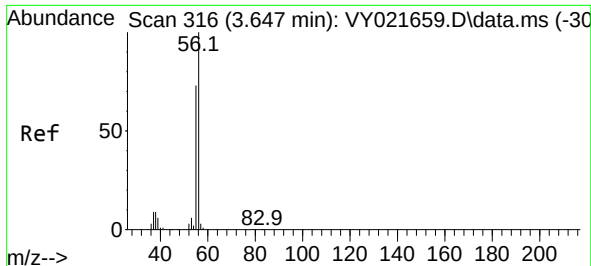
Tgt Ion: 59 Resp: 8671
Ion Ratio Lower Upper
59 100
57 6.3 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 10.757 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 96 Resp: 25446
Ion Ratio Lower Upper
96 100
61 152.8 136.6 204.8
98 59.2 52.3 78.5





#13

Acrolein

Concen: 54.518 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

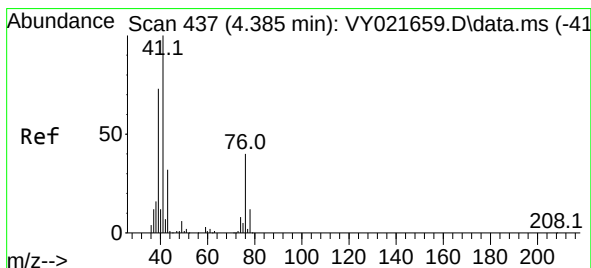
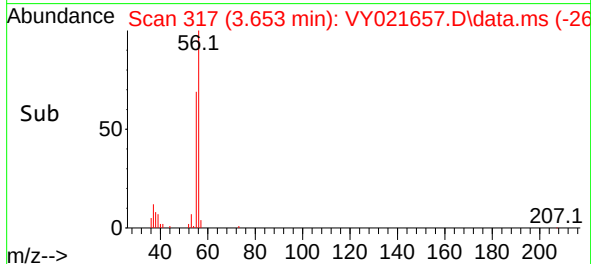
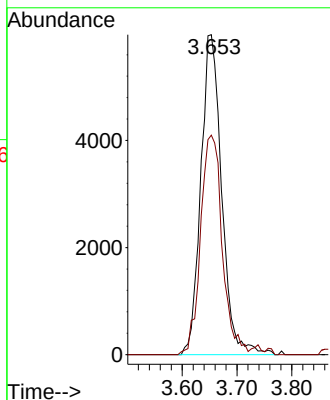
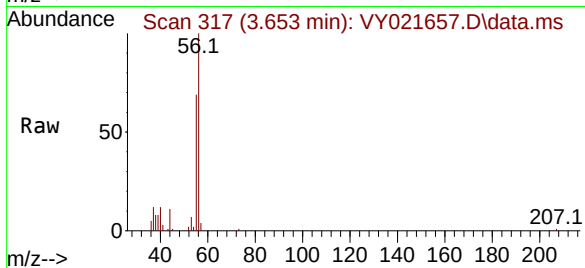
VSTDIC010

Tgt Ion: 56 Resp: 15799

Ion Ratio Lower Upper

56 100

55 71.0 56.6 85.0



#14

Allyl chloride

Concen: 10.352 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

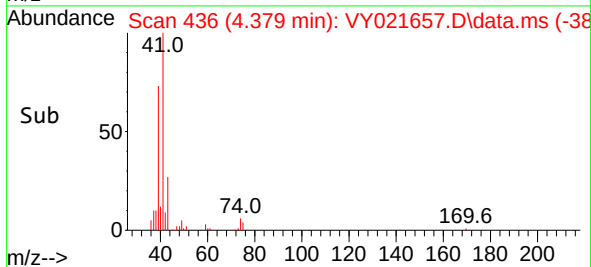
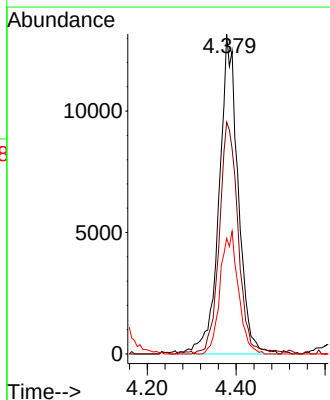
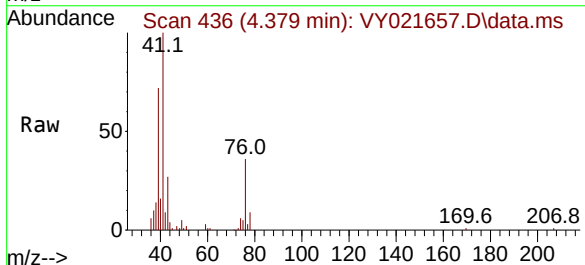
Tgt Ion: 41 Resp: 39045

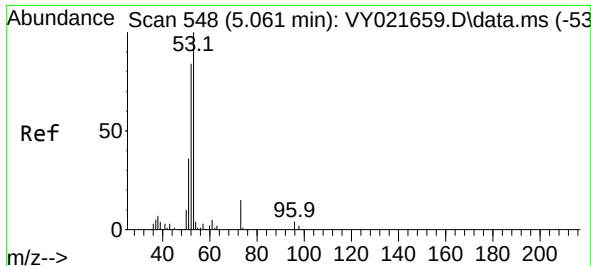
Ion Ratio Lower Upper

41 100

39 71.1 58.6 88.0

76 36.4 30.3 45.5

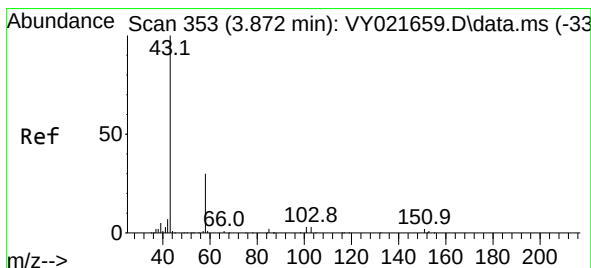
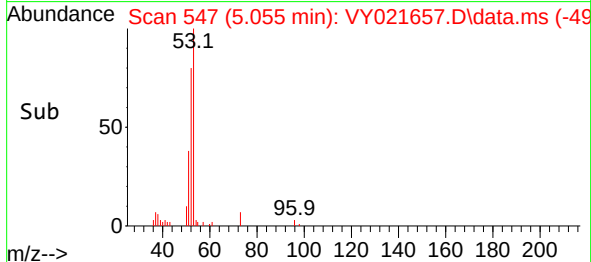
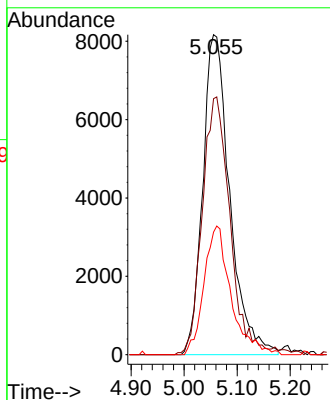
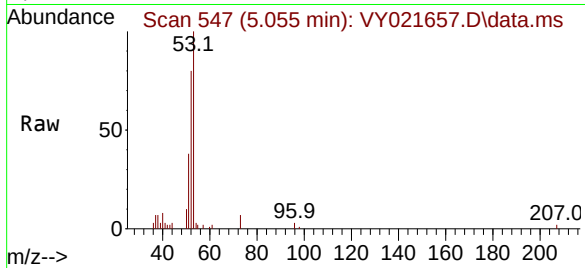




#15
Acrylonitrile
Concen: 53.389 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

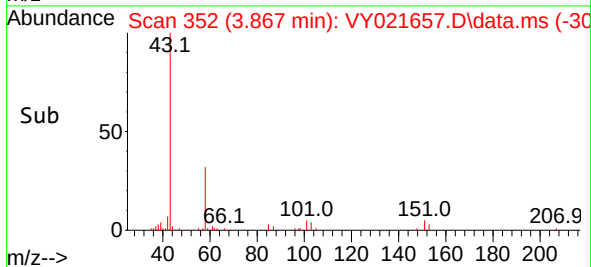
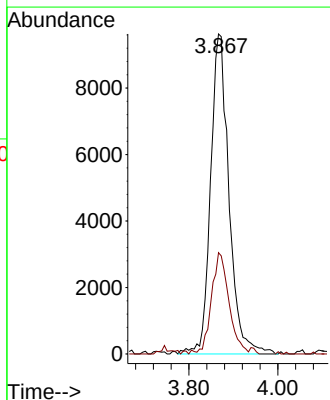
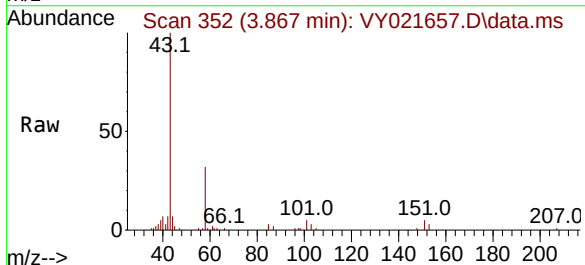
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

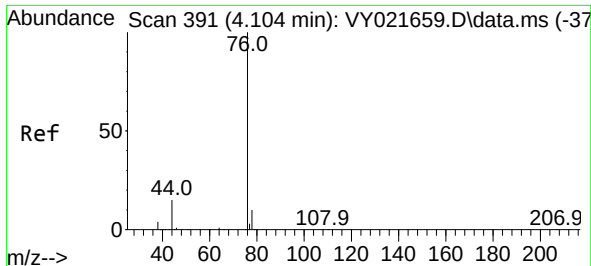
Tgt Ion: 53 Resp: 28866
Ion Ratio Lower Upper
53 100
52 81.9 64.9 97.3
51 40.1 30.2 45.2



#16
Acetone
Concen: 55.329 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 43 Resp: 27669
Ion Ratio Lower Upper
43 100
58 31.0 24.2 36.4





#17

Carbon Disulfide

Concen: 10.583 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

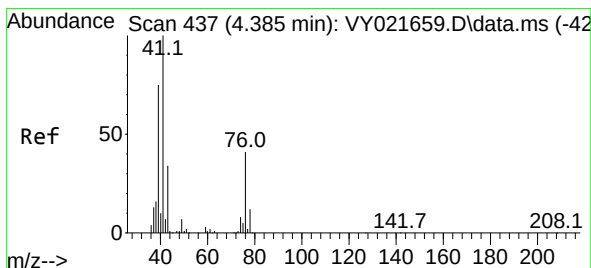
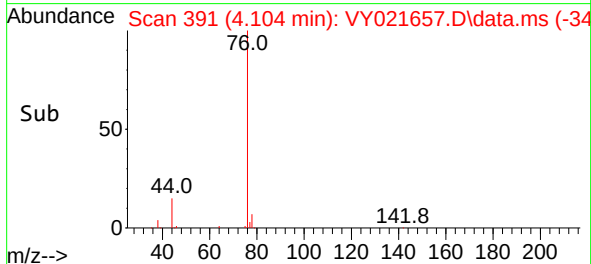
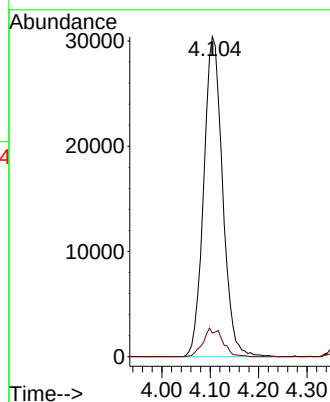
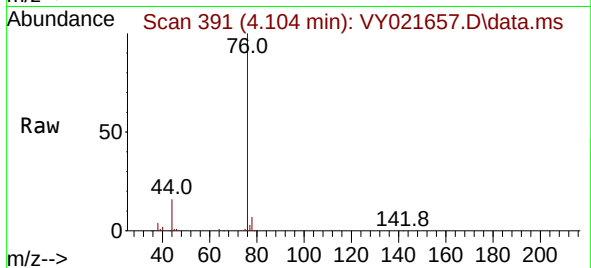
VSTDIC010

Tgt Ion: 76 Resp: 82458

Ion Ratio Lower Upper

76 100

78 7.3 7.6 11.4#



#18

Methyl Acetate

Concen: 10.417 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021657.D

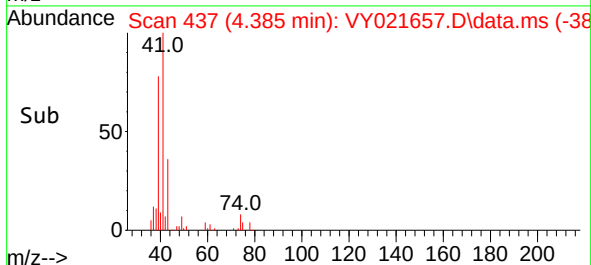
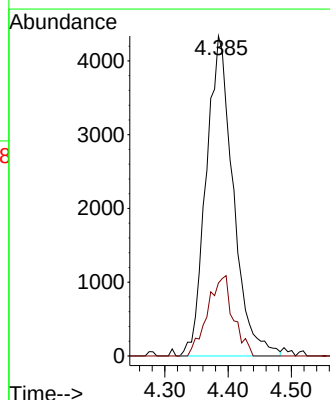
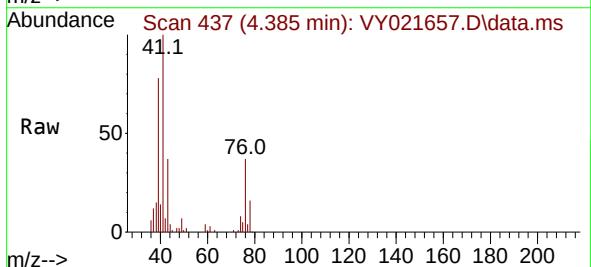
Acq: 27 Mar 2025 10:31

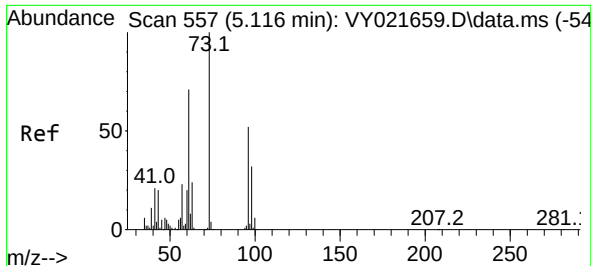
Tgt Ion: 43 Resp: 12911

Ion Ratio Lower Upper

43 100

74 23.8 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 10.223 ug/l

RT: 5.110 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

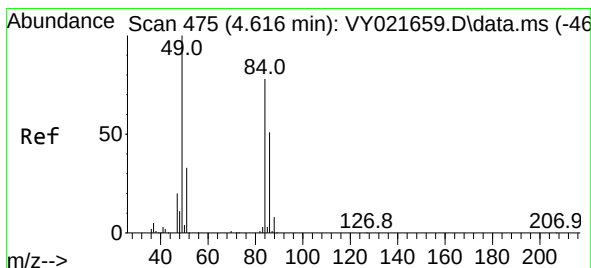
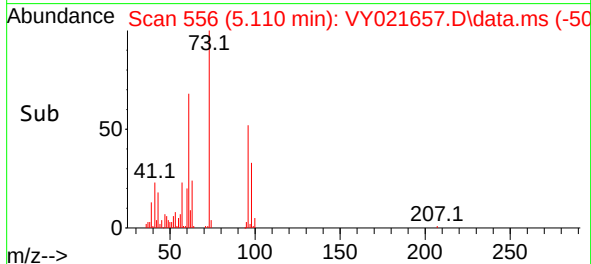
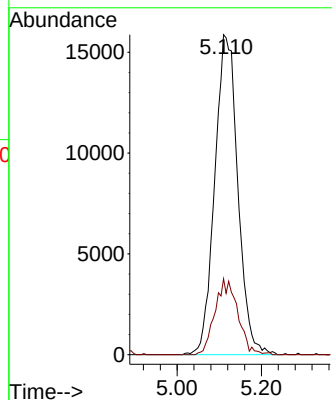
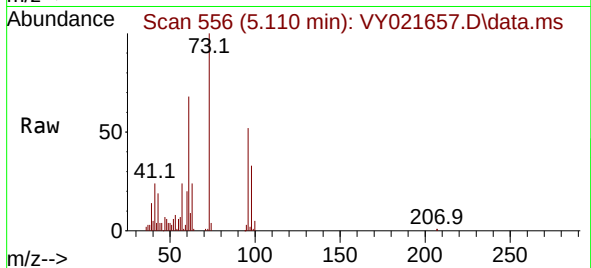
VSTDIC010

Tgt Ion: 73 Resp: 60205

Ion Ratio Lower Upper

73 100

57 23.7 18.1 27.1



#20

Methylene Chloride

Concen: 9.677 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Tgt Ion: 84 Resp: 31313

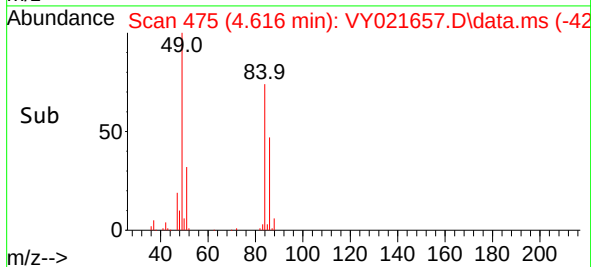
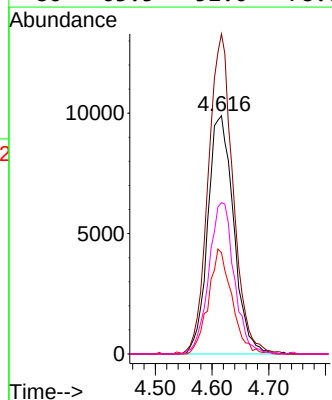
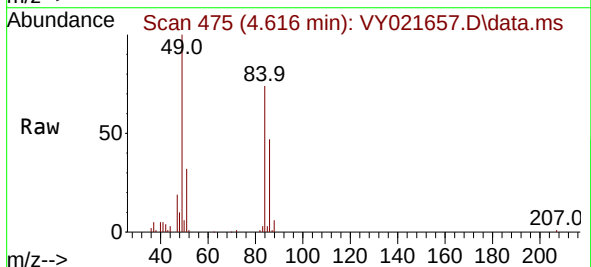
Ion Ratio Lower Upper

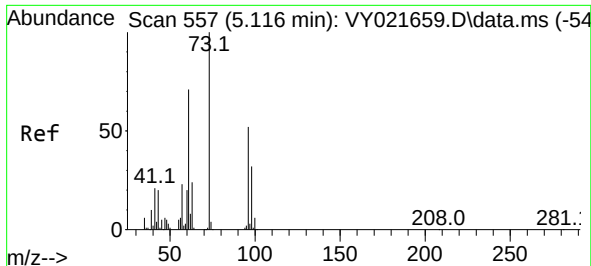
84 100

49 134.3 102.8 154.2

51 42.5 33.5 50.3

86 63.5 52.0 78.0

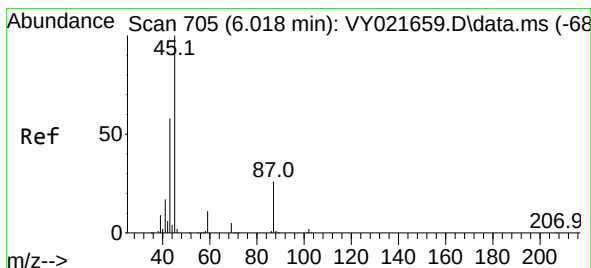
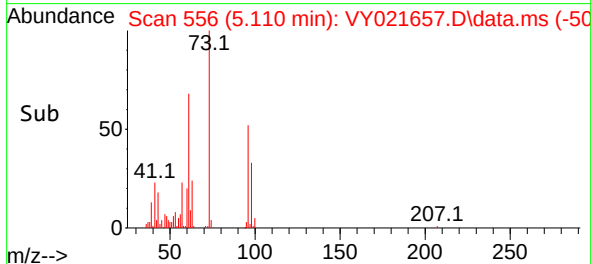
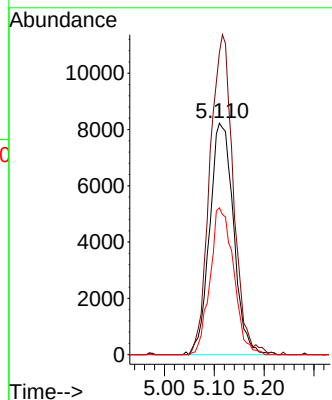
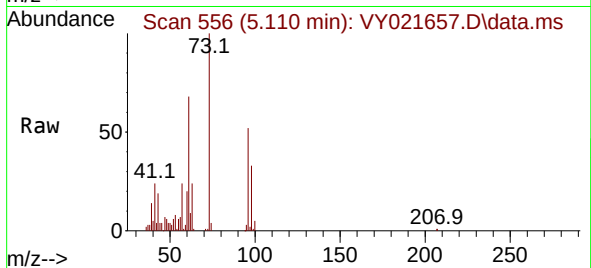




#21
trans-1,2-Dichloroethene
Concen: 10.523 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

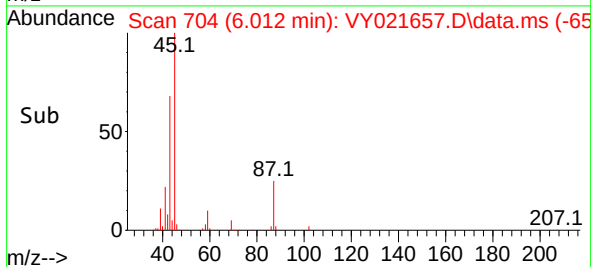
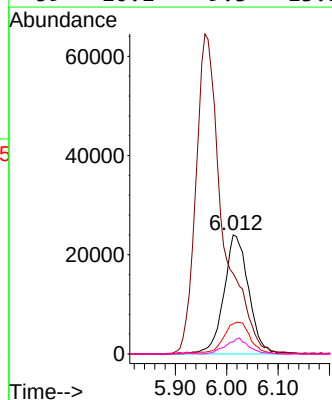
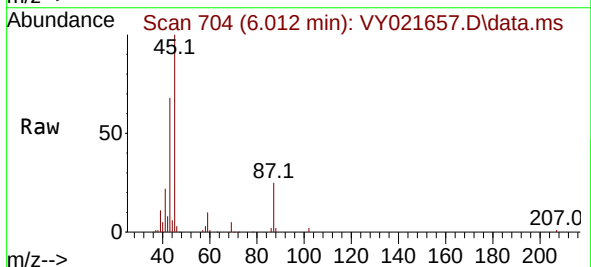
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

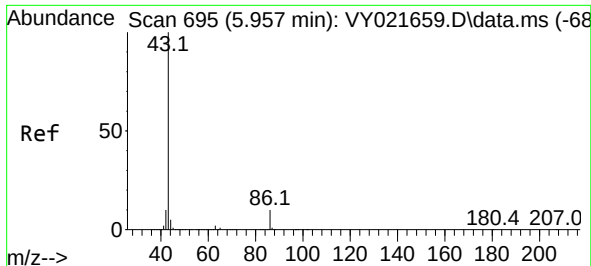
Tgt Ion: 96 Resp: 27407
Ion Ratio Lower Upper
96 100
61 130.5 109.4 164.0
98 63.5 50.2 75.2



#22
Diisopropyl ether
Concen: 10.095 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 45 Resp: 79874
Ion Ratio Lower Upper
45 100
43 66.0 46.6 69.8
87 24.9 20.7 31.1
59 10.1 9.3 13.9

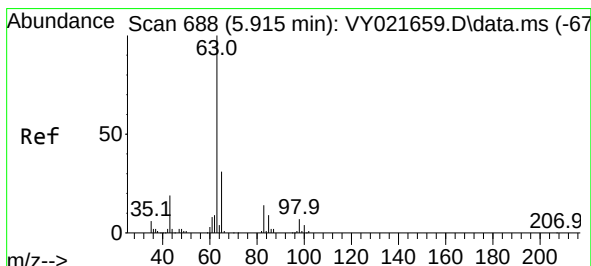
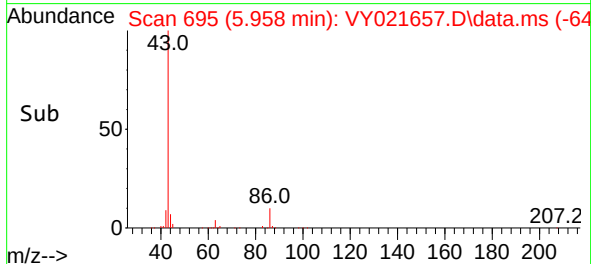
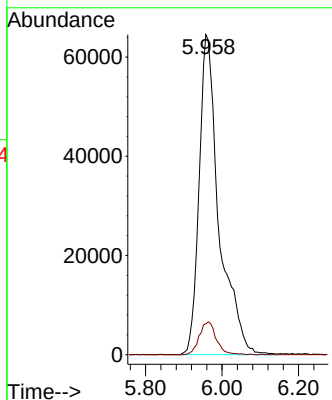
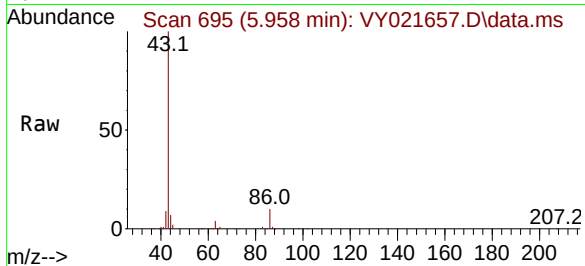




#23
 Vinyl Acetate
 Concen: 50.469 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021657.D
 Acq: 27 Mar 2025 10:31

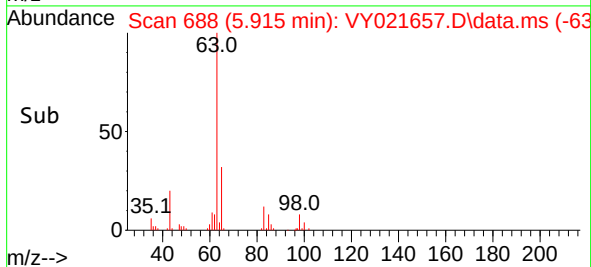
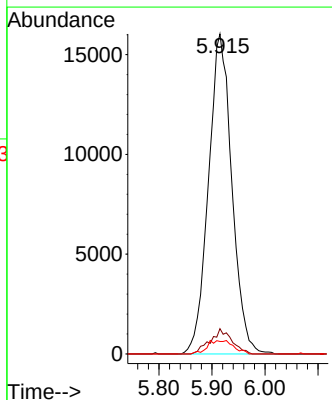
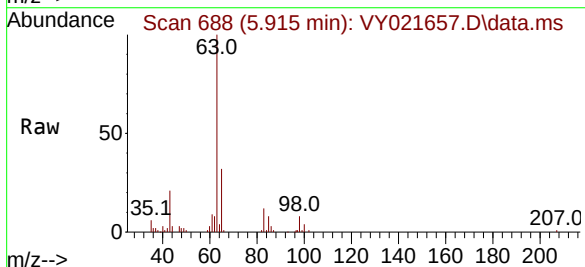
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

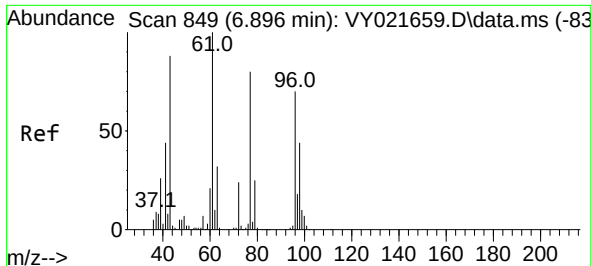
Tgt Ion: 43 Resp: 233596
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 10.403 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021657.D
 Acq: 27 Mar 2025 10:31

Tgt Ion: 63 Resp: 49217
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.5
 100 3.9 2.2 6.6

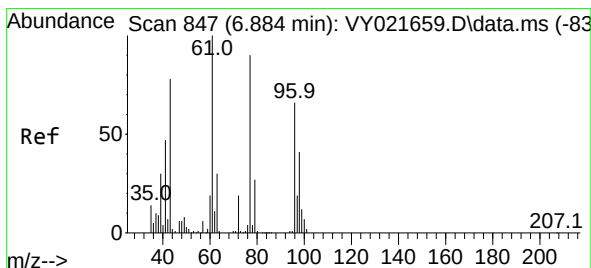
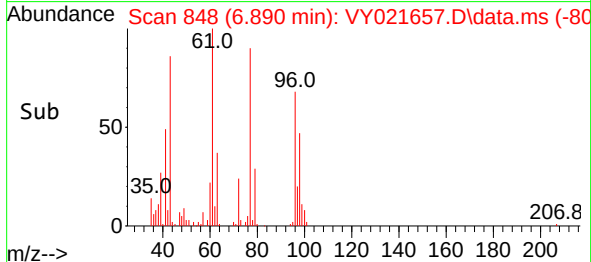
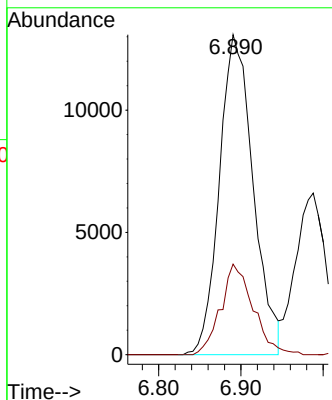
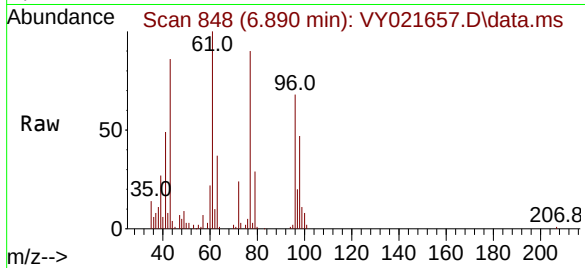




#25
2-Butanone
Concen: 52.299 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

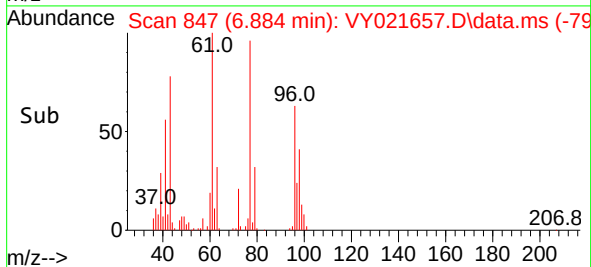
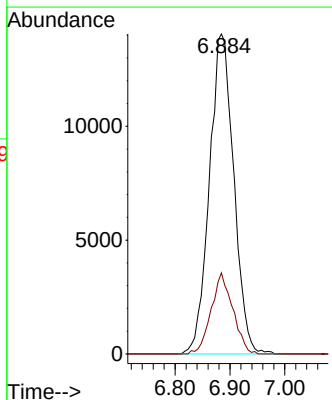
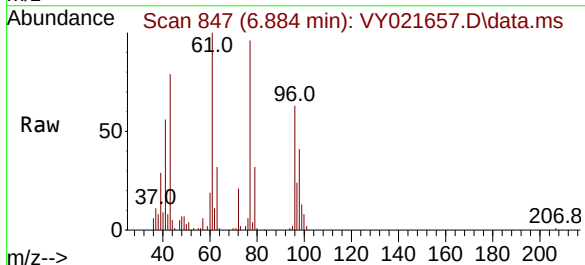
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

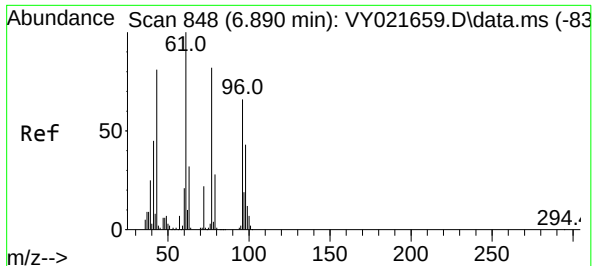
Tgt Ion: 43 Resp: 37356
Ion Ratio Lower Upper
43 100
72 28.3 21.4 32.2



#26
2,2-Dichloropropane
Concen: 10.316 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 77 Resp: 43412
Ion Ratio Lower Upper
77 100
97 22.5 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 10.140 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

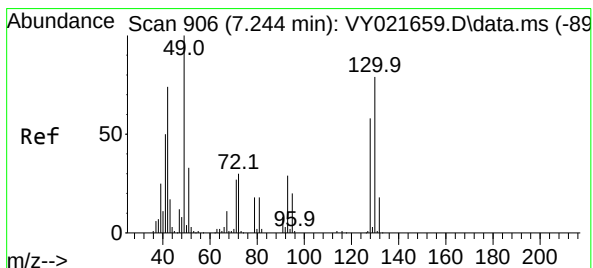
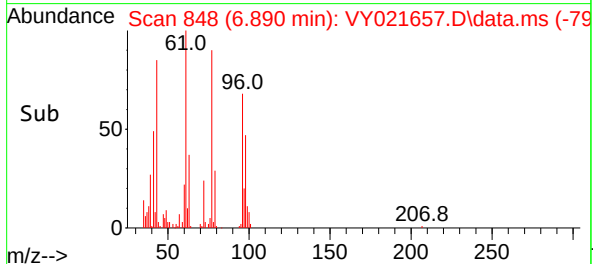
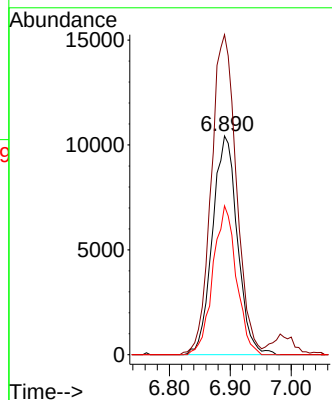
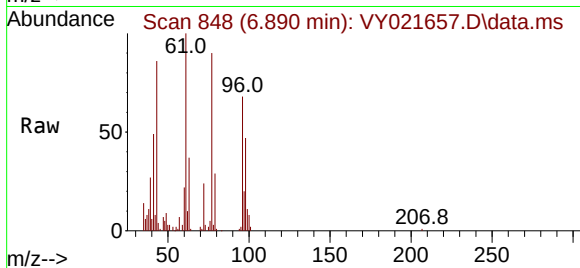
Tgt Ion: 96 Resp: 29699

Ion Ratio Lower Upper

96 100

61 147.4 0.0 296.4

98 63.9 0.0 128.0



#28

Bromochloromethane

Concen: 10.618 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

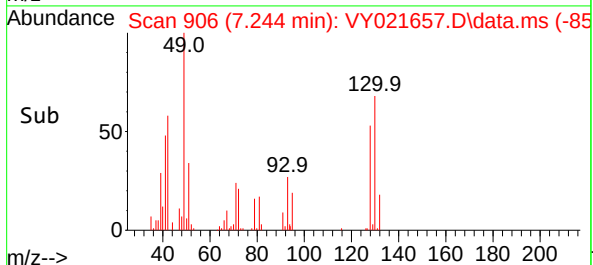
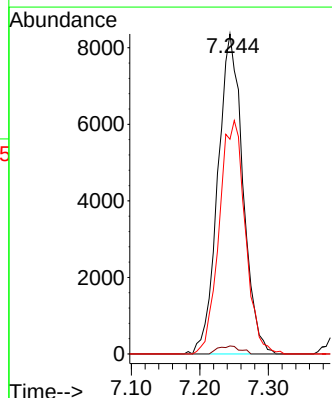
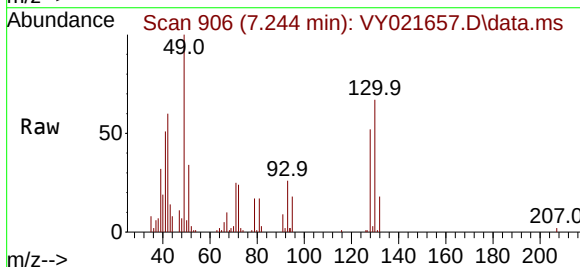
Tgt Ion: 49 Resp: 21186

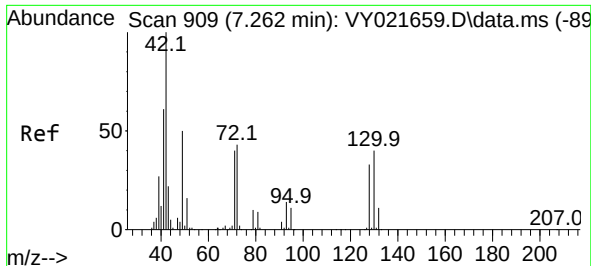
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 75.9 60.1 90.1





#29

Tetrahydrofuran

Concen: 54.625 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

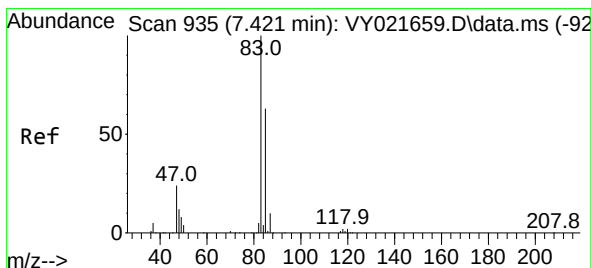
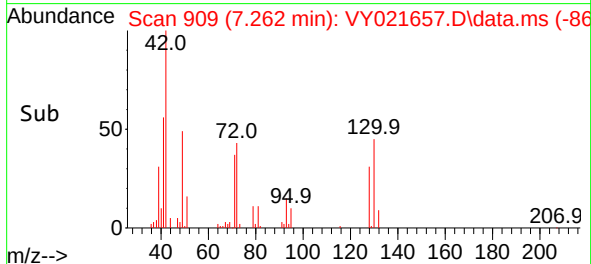
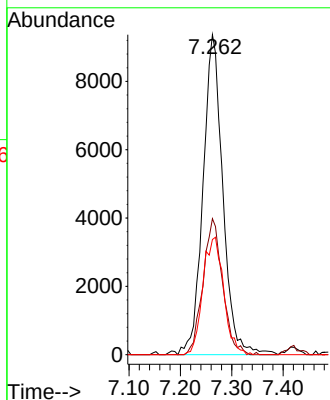
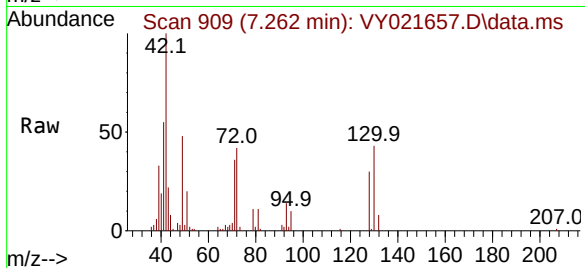
Tgt Ion: 42 Resp: 25111

Ion Ratio Lower Upper

42 100

72 41.9 34.6 52.0

71 38.5 32.5 48.7



#30

Chloroform

Concen: 10.459 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021657.D

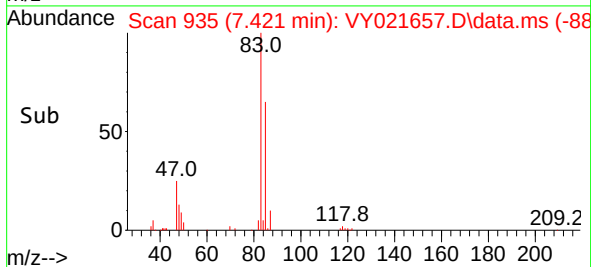
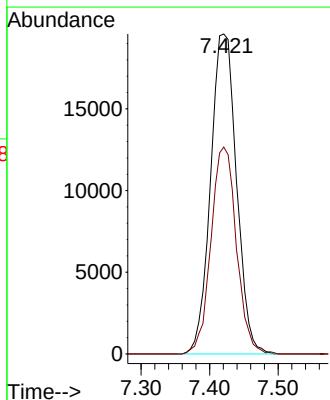
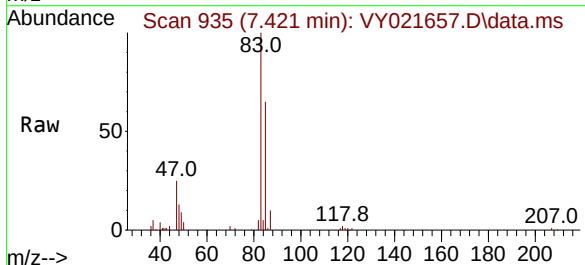
Acq: 27 Mar 2025 10:31

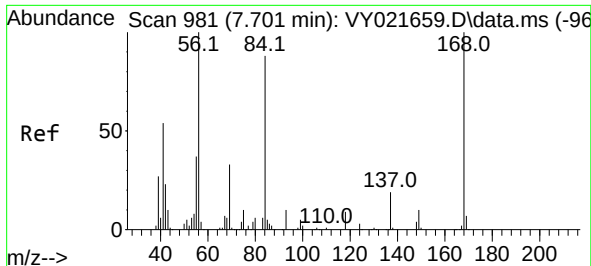
Tgt Ion: 83 Resp: 51464

Ion Ratio Lower Upper

83 100

85 64.6 50.6 75.8

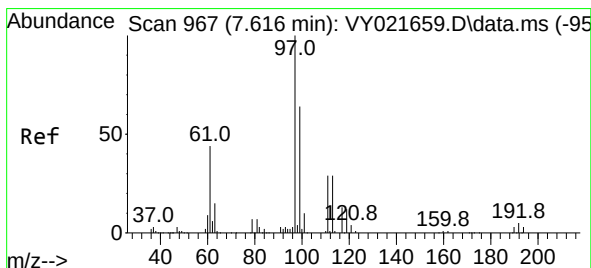
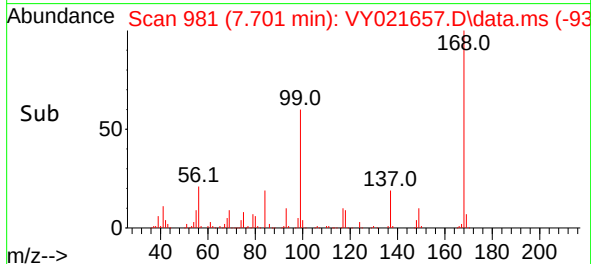
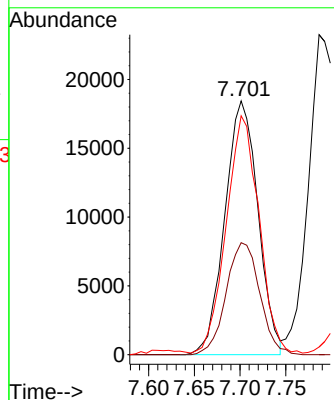
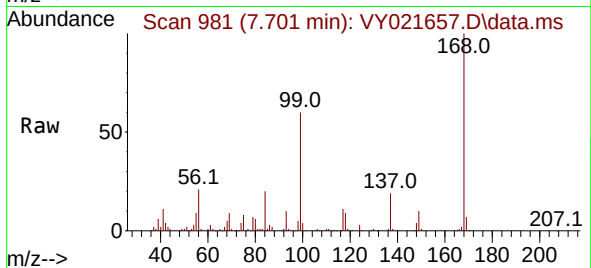




#31
Cyclohexane
Concen: 10.798 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

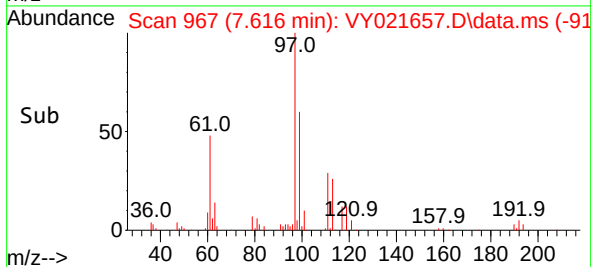
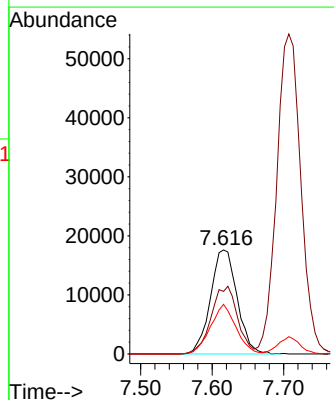
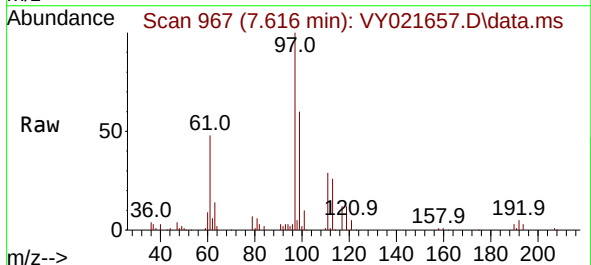
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

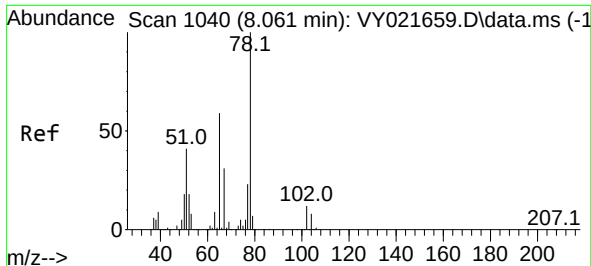
Tgt Ion: 56 Resp: 46569
Ion Ratio Lower Upper
56 100
69 44.1 26.6 40.0#
84 92.8 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 10.270 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 97 Resp: 45673
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 45.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 10.311 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

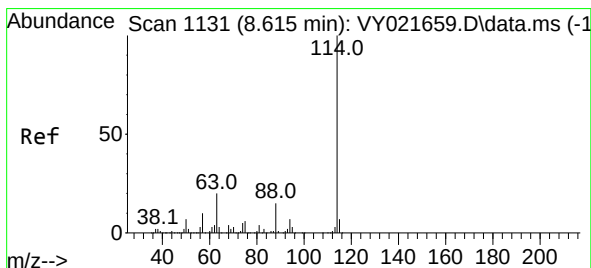
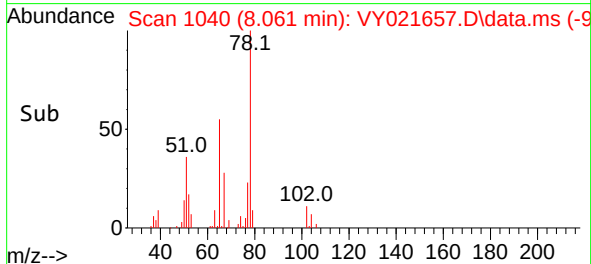
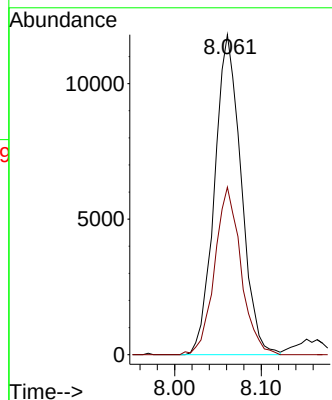
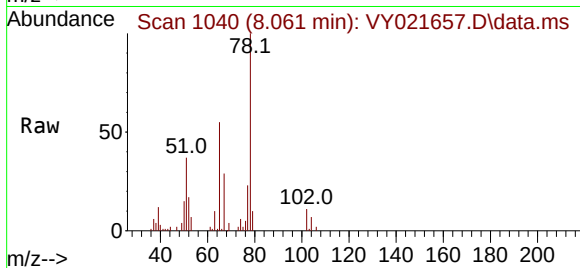
VSTDIC010

Tgt Ion: 65 Resp: 25195

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

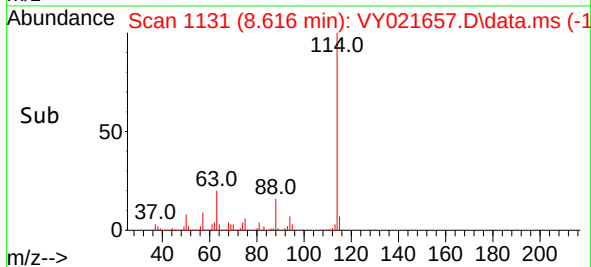
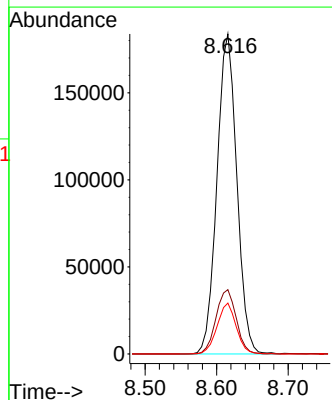
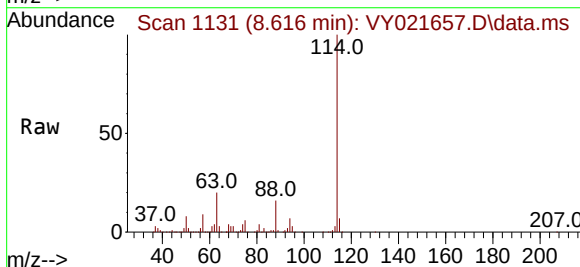
Tgt Ion: 114 Resp: 354785

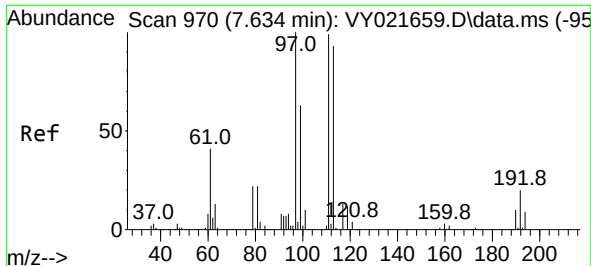
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.9 0.0 29.8

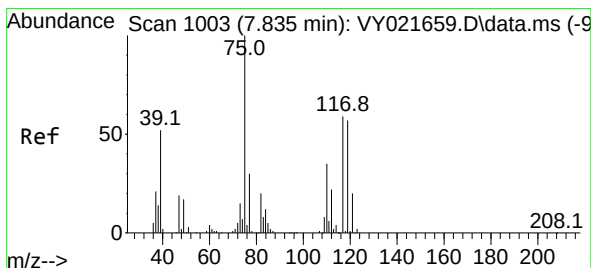
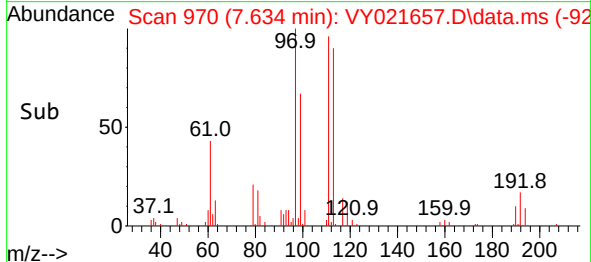
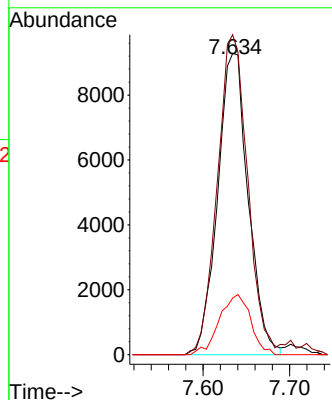
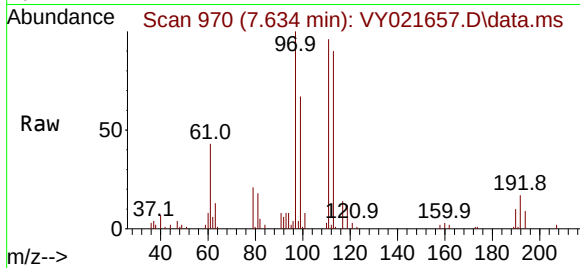




#35
Dibromofluoromethane
Concen: 9.906 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

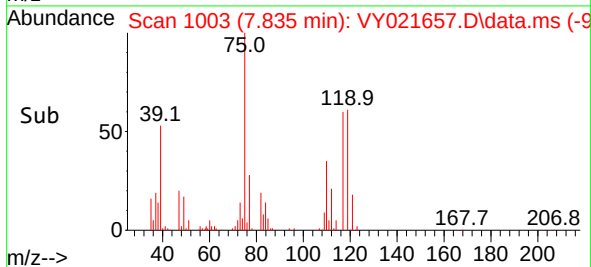
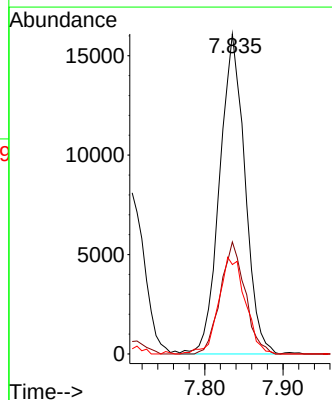
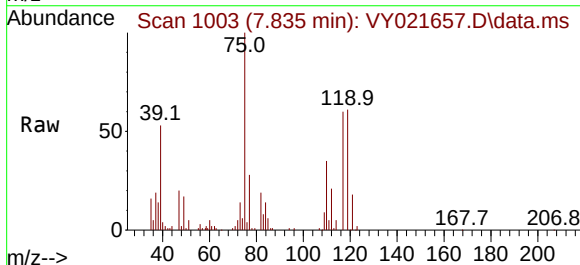
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

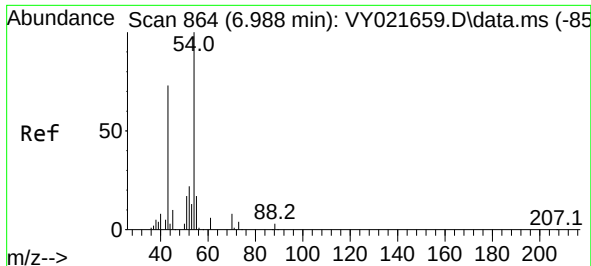
Tgt Ion:113 Resp: 22797
Ion Ratio Lower Upper
113 100
111 105.8 82.6 123.8
192 20.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 10.304 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 75 Resp: 36121
Ion Ratio Lower Upper
75 100
110 34.2 17.0 50.9
77 32.0 24.8 37.2





#37

Ethyl Acetate

Concen: 10.969 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

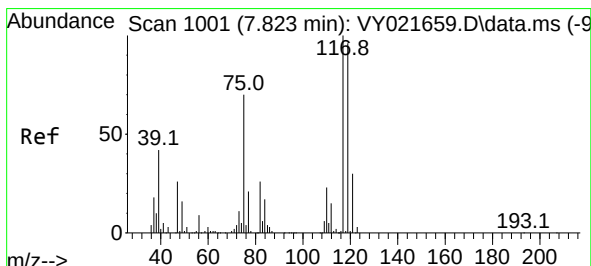
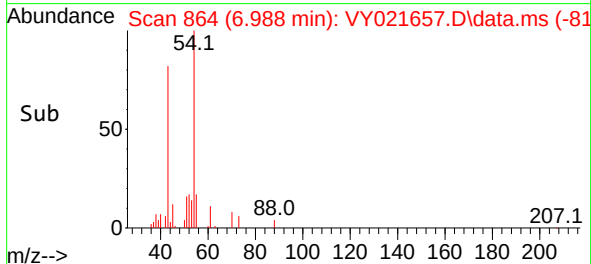
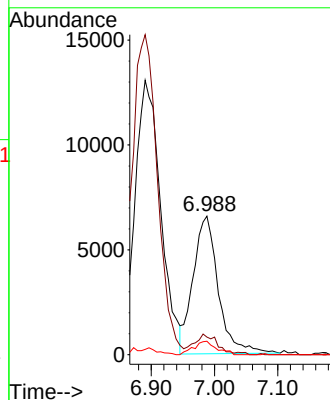
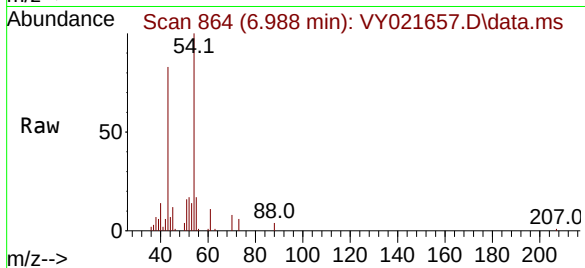
Tgt Ion: 43 Resp: 18146

Ion Ratio Lower Upper

43 100

61 14.0 11.0 16.6

70 8.8 8.1 12.1



#38

Carbon Tetrachloride

Concen: 10.496 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

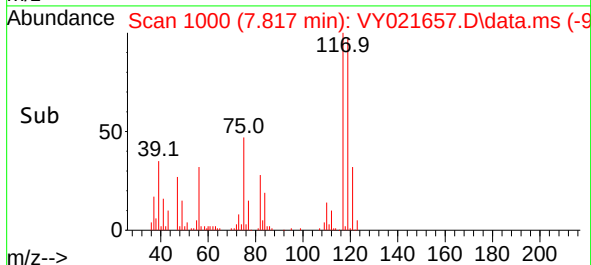
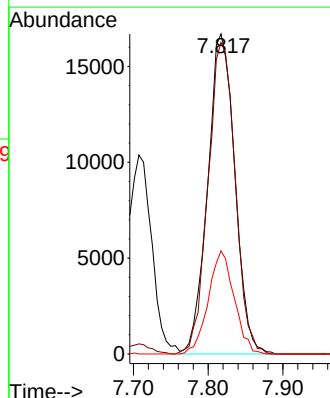
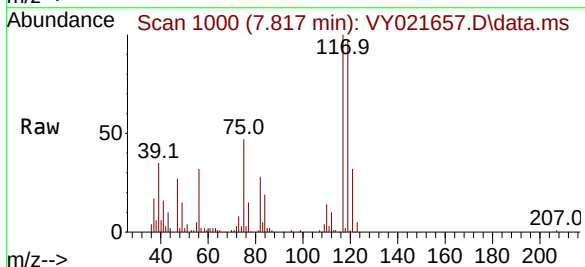
Tgt Ion: 117 Resp: 42141

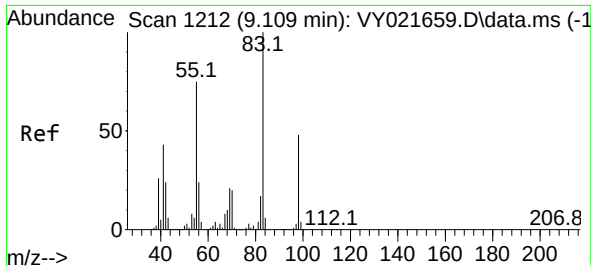
Ion Ratio Lower Upper

117 100

119 97.3 76.2 114.4

121 32.2 24.2 36.4





#39

Methylcyclohexane

Concen: 10.147 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

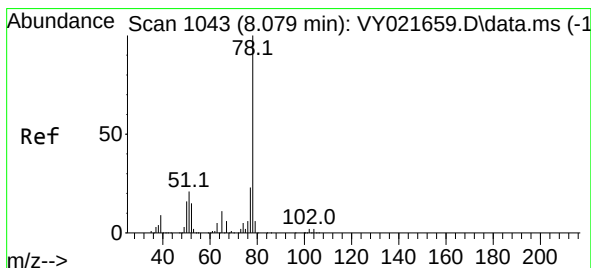
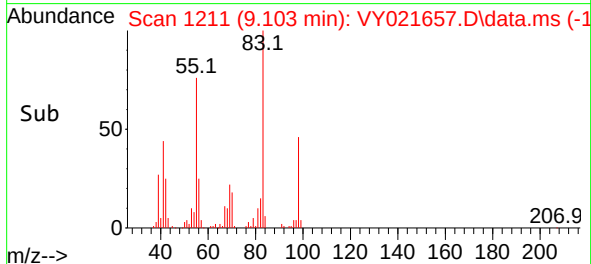
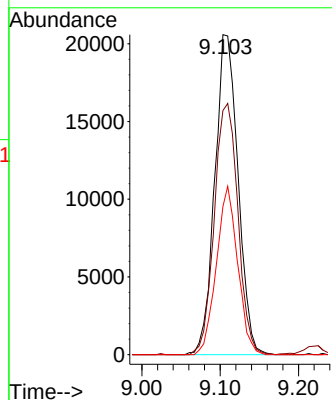
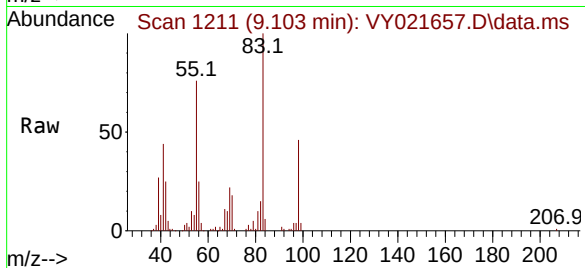
Tgt Ion: 83 Resp: 42492

Ion Ratio Lower Upper

83 100

55 76.3 59.7 89.5

98 46.3 38.3 57.5



#40

Benzene

Concen: 10.322 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021657.D

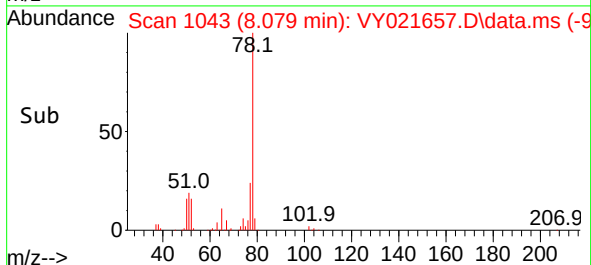
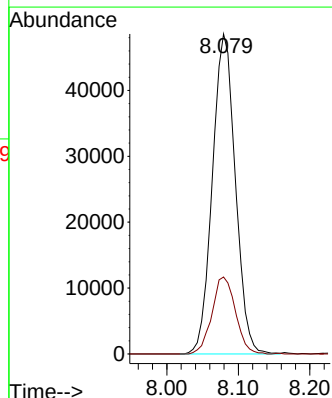
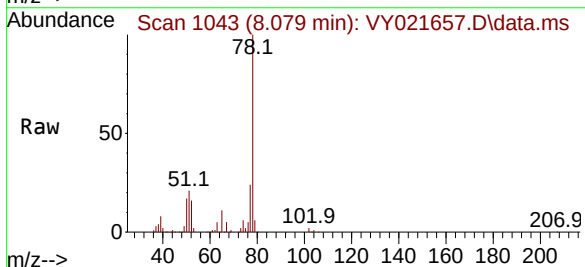
Acq: 27 Mar 2025 10:31

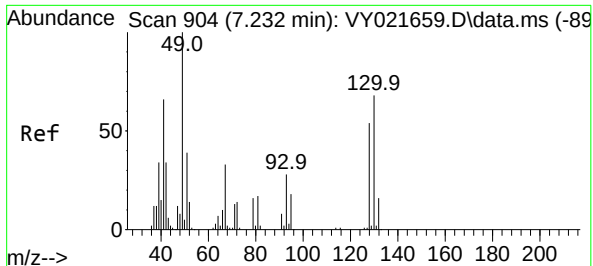
Tgt Ion: 78 Resp: 108360

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2

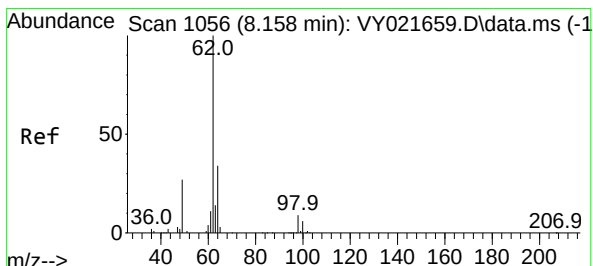
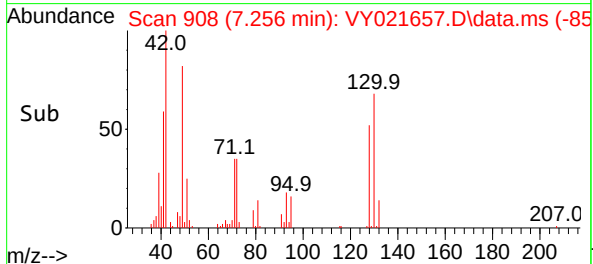
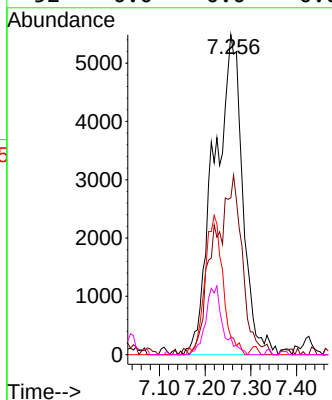
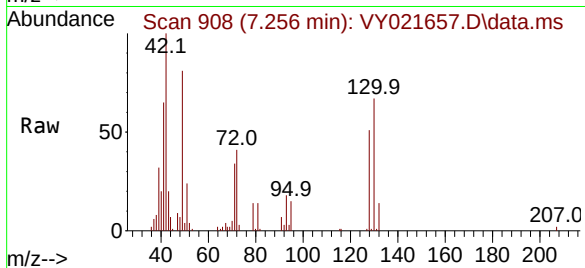




#41
Methacrylonitrile
Concen: 26.988 ug/l
RT: 7.256 min Scan# 904
Delta R.T. 0.025 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

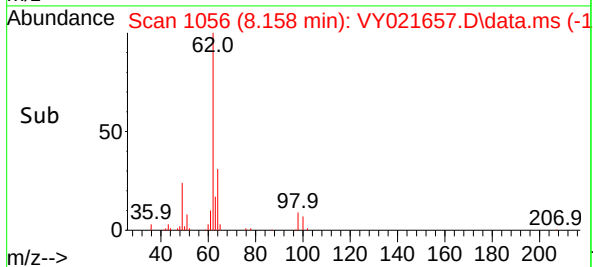
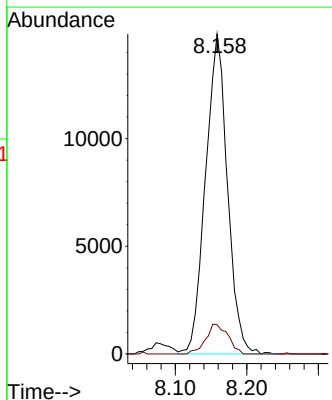
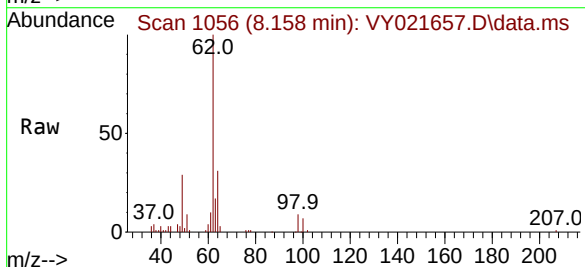
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

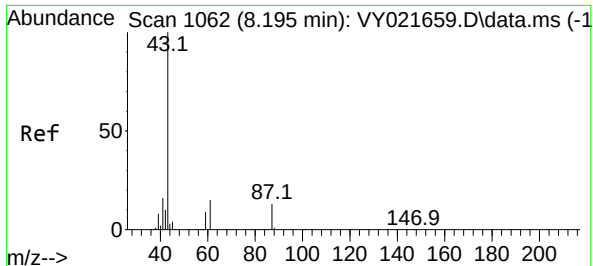
Tgt Ion: 41 Resp: 23709
Ion Ratio Lower Upper
41 100
39 55.3 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 10.679 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 62 Resp: 31606
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4

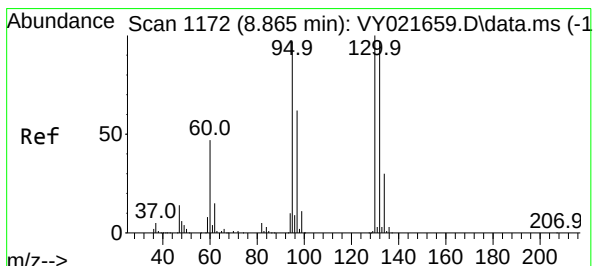
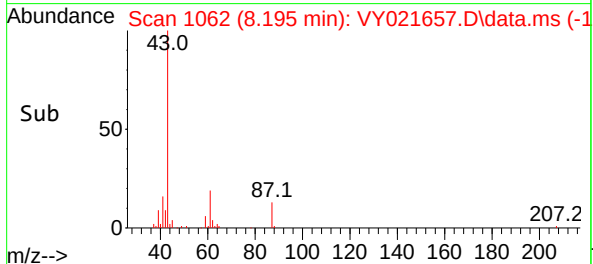
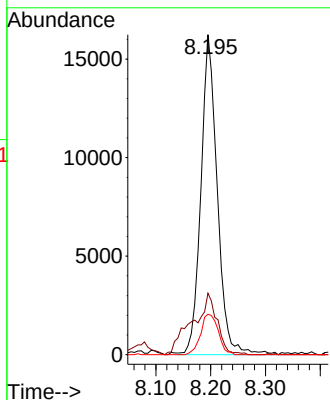
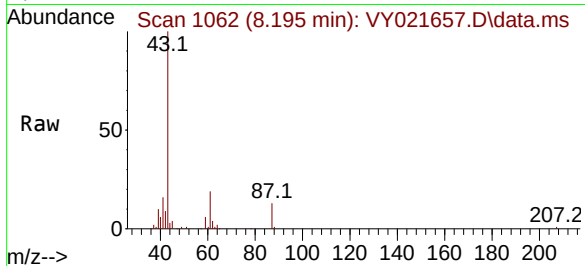




#43
Isopropyl Acetate
Concen: 10.738 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

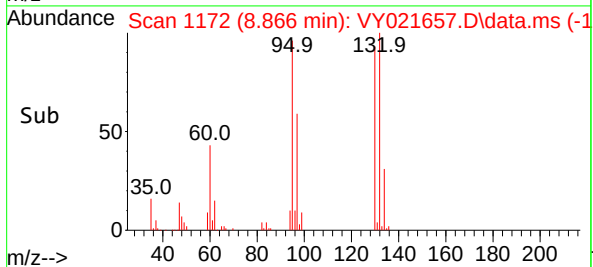
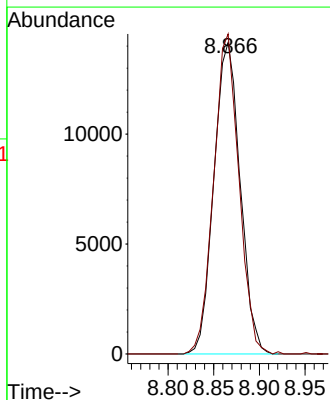
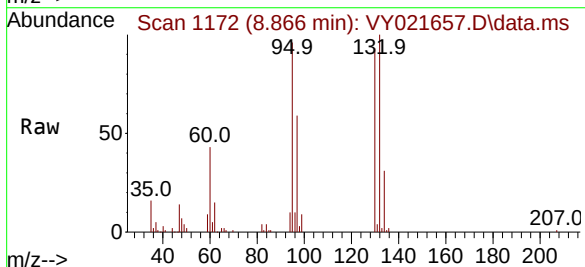
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

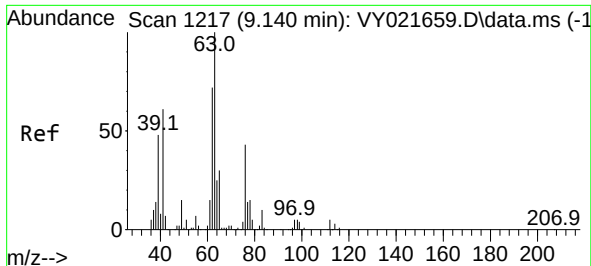
Tgt Ion: 43 Resp: 33664
Ion Ratio Lower Upper
43 100
61 29.1 15.9 23.9#
87 13.6 10.4 15.6



#44
Trichloroethene
Concen: 10.571 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion:130 Resp: 28275
Ion Ratio Lower Upper
130 100
95 102.8 0.0 194.8





#45

1,2-Dichloropropane

Concen: 10.440 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

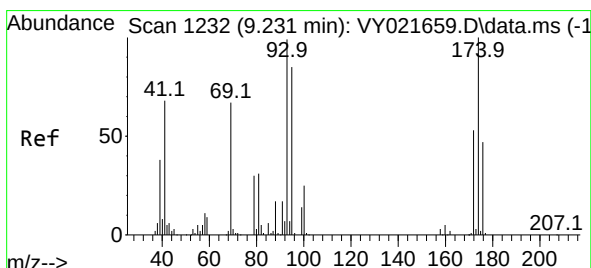
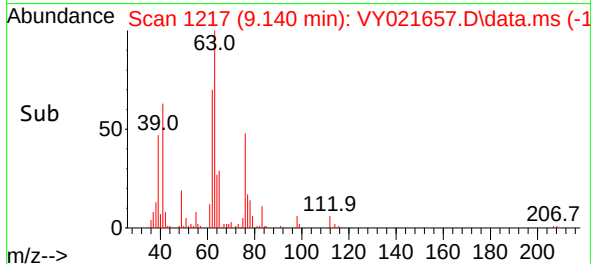
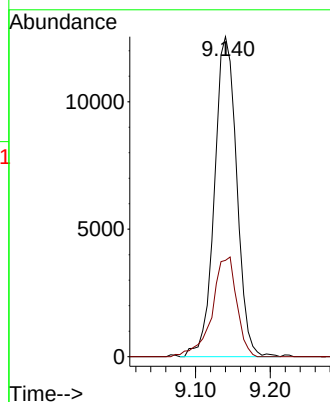
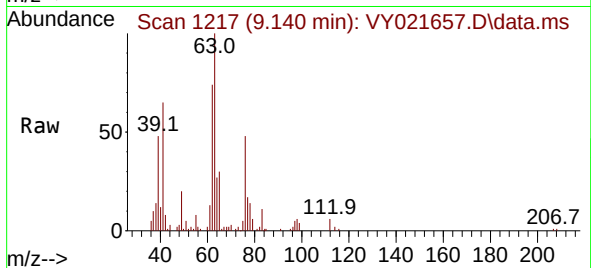
VSTDIC010

Tgt Ion: 63 Resp: 25943

Ion Ratio Lower Upper

63 100

65 30.1 24.4 36.6



#46

Dibromomethane

Concen: 10.896 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

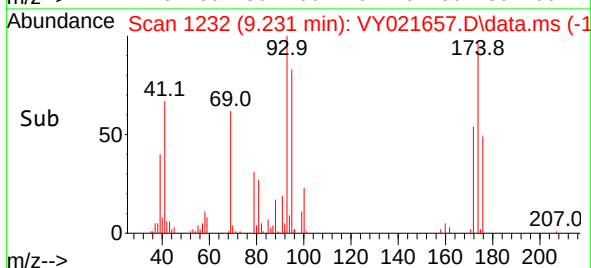
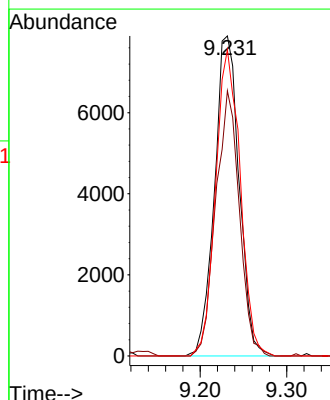
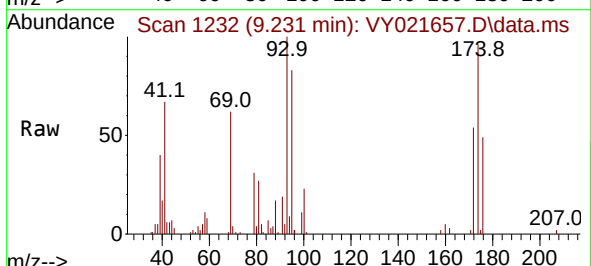
Tgt Ion: 93 Resp: 15605

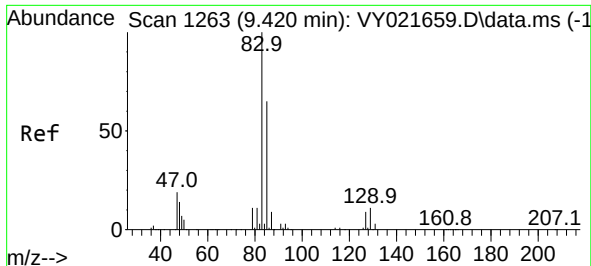
Ion Ratio Lower Upper

93 100

95 79.3 68.1 102.1

174 95.5 80.9 121.3

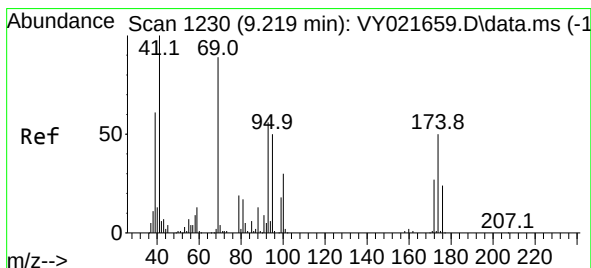
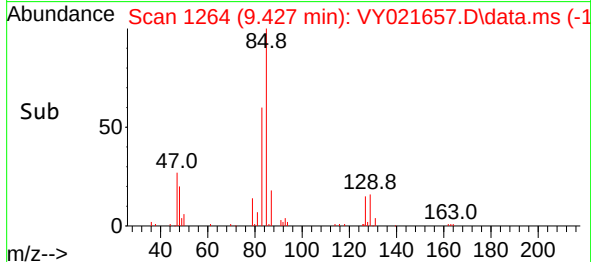
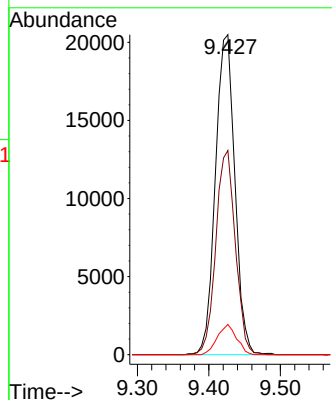
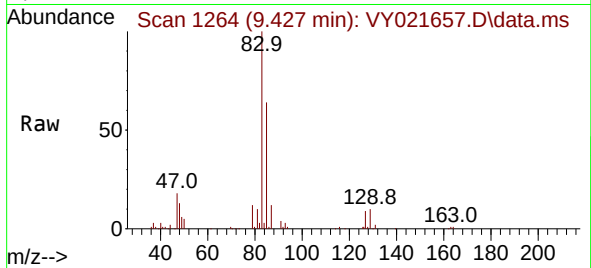




#47
Bromodichloromethane
Concen: 10.439 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

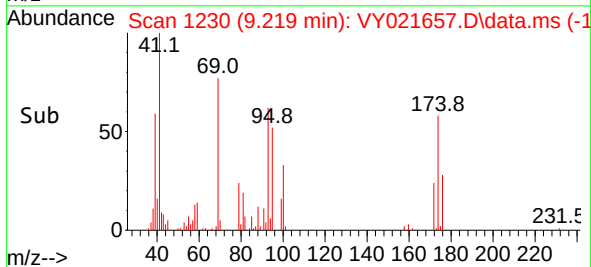
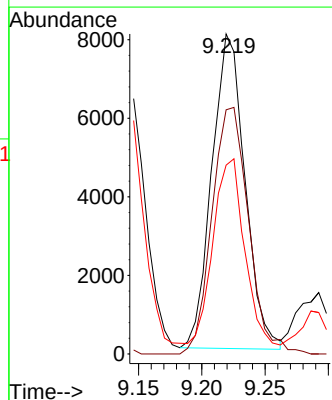
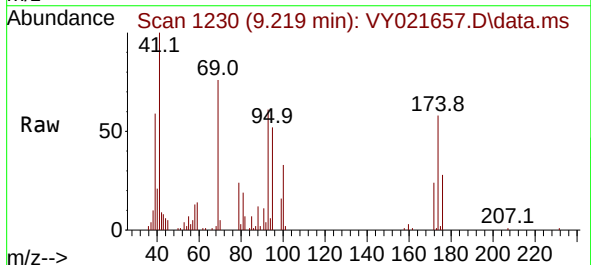
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

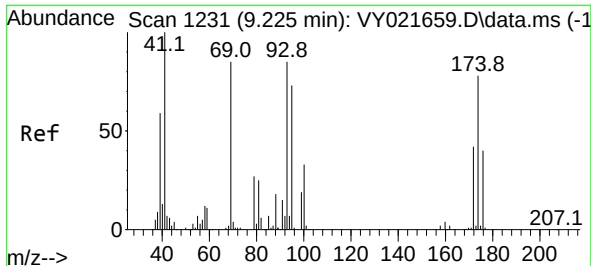
Tgt Ion: 83 Resp: 38737
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.6
127 9.5 6.8 10.2



#48
Methyl methacrylate
Concen: 10.130 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 41 Resp: 14576
Ion Ratio Lower Upper
41 100
69 86.5 69.8 104.8
39 56.4 47.2 70.8

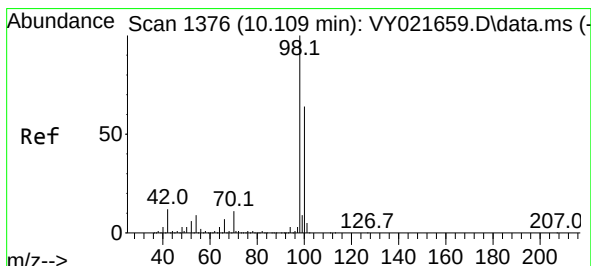
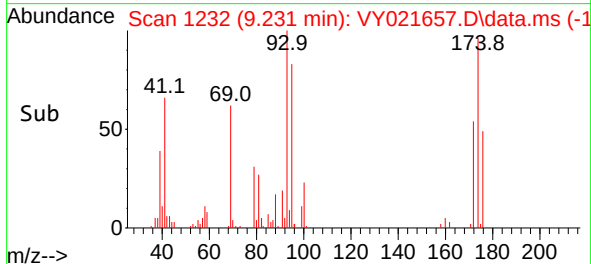
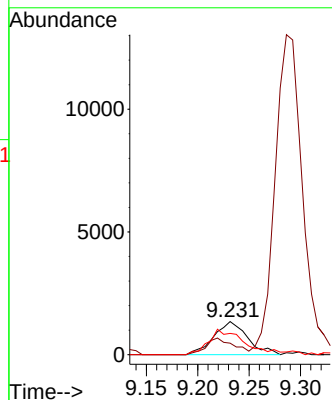
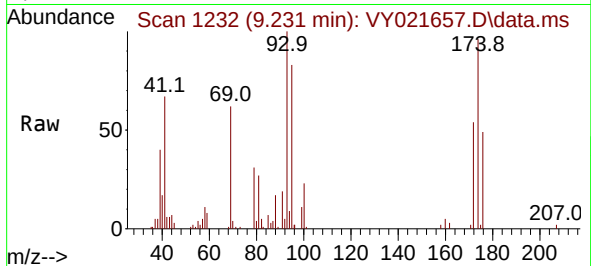




#49
1,4-Dioxane
Concen: 200.565 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

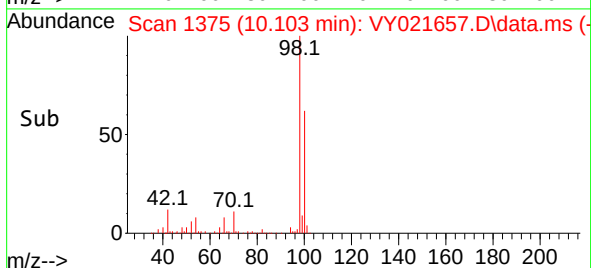
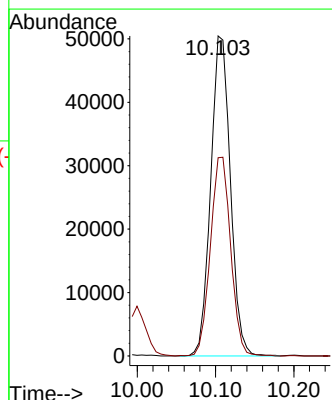
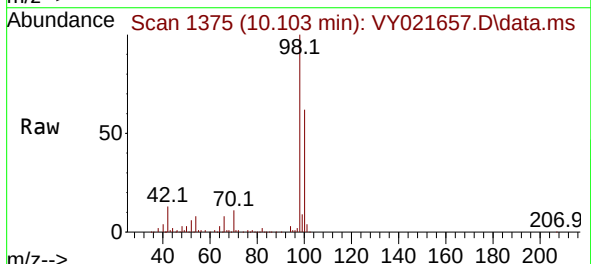
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

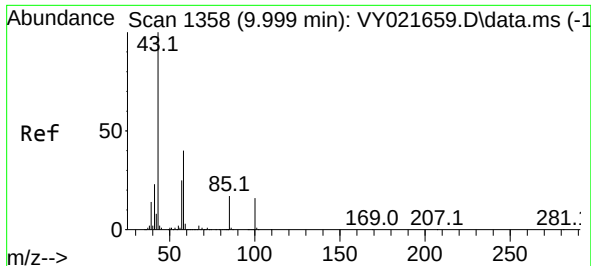
Tgt Ion: 88 Resp: 3077
Ion Ratio Lower Upper
88 100
43 41.4 28.8 43.2
58 85.0 59.4 89.2



#50
Toluene-d8
Concen: 10.051 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 98 Resp: 88000
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 52.111 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

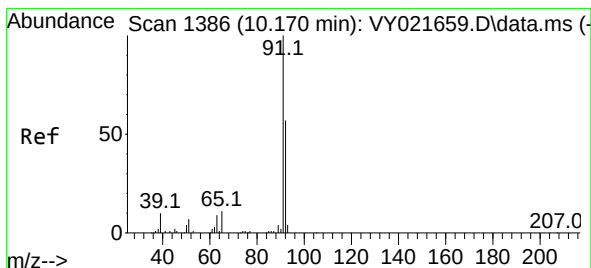
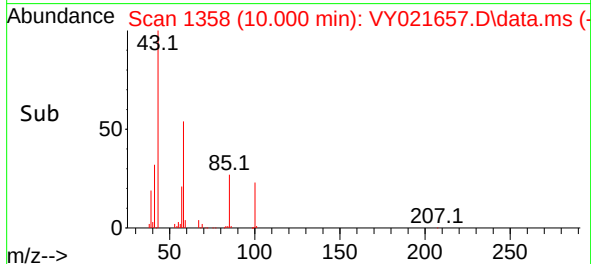
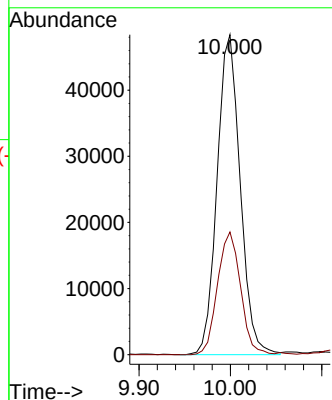
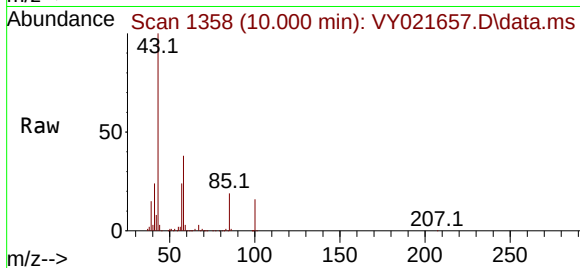
VSTDIC010

Tgt Ion: 43 Resp: 85020

Ion Ratio Lower Upper

43 100

58 38.2 31.5 47.3



#52

Toluene

Concen: 10.212 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021657.D

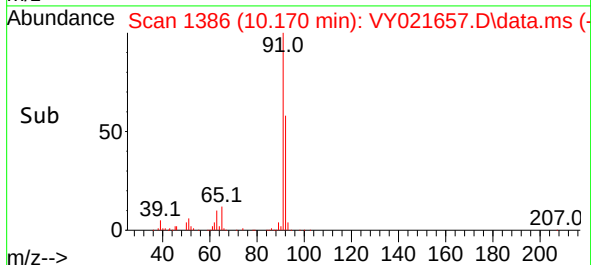
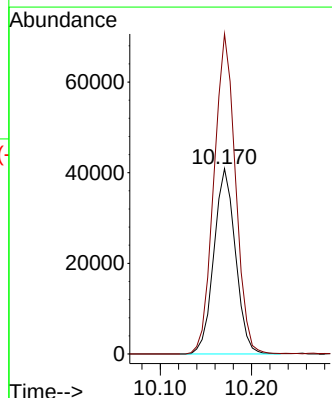
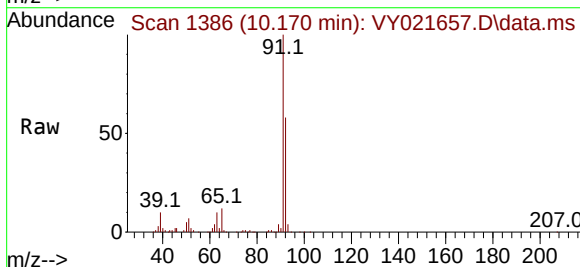
Acq: 27 Mar 2025 10:31

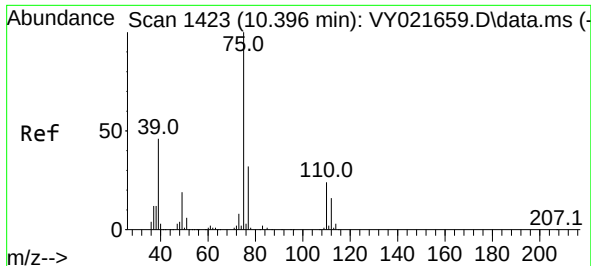
Tgt Ion: 92 Resp: 66889

Ion Ratio Lower Upper

92 100

91 173.2 138.6 207.8

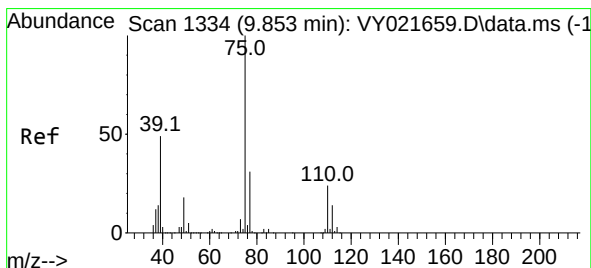
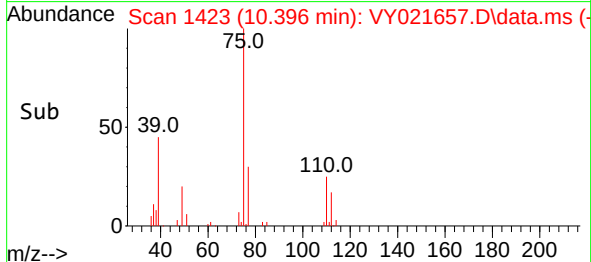
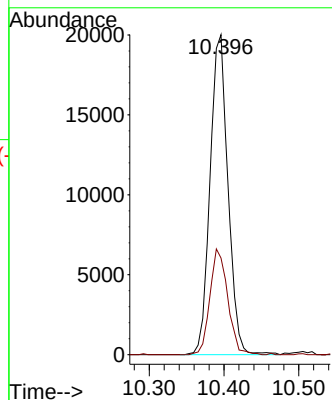
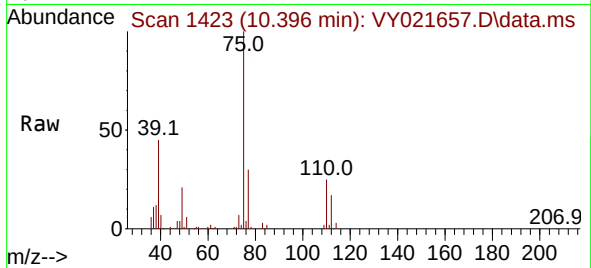




#53
t-1,3-Dichloropropene
Concen: 10.120 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

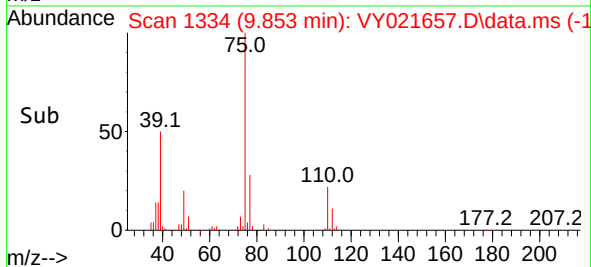
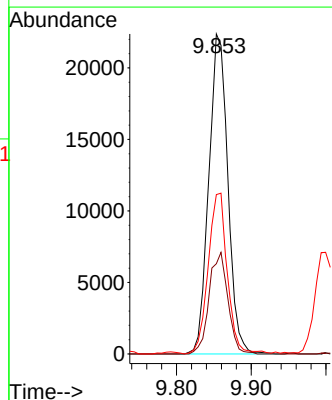
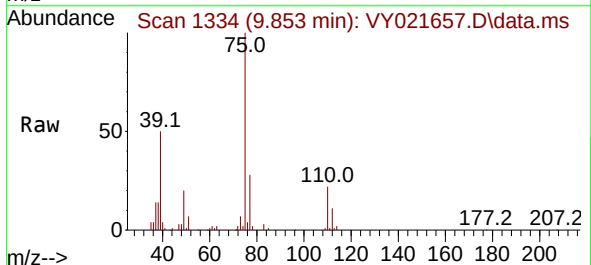
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

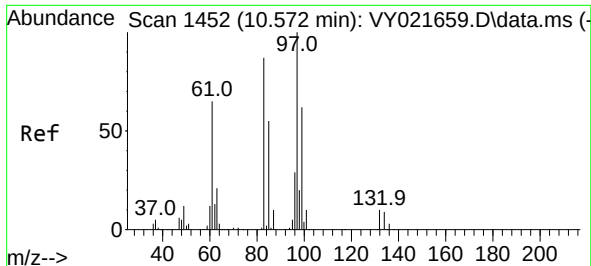
Tgt Ion: 75 Resp: 33356
Ion Ratio Lower Upper
75 100
77 30.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 10.186 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 75 Resp: 39609
Ion Ratio Lower Upper
75 100
77 28.2 24.9 37.3
39 49.6 39.2 58.8

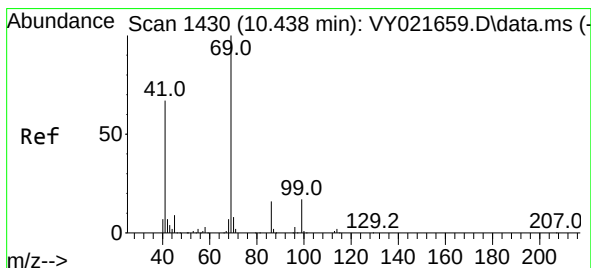
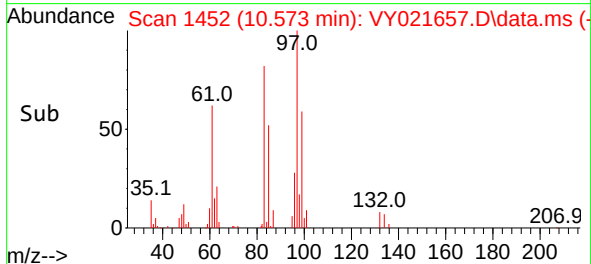
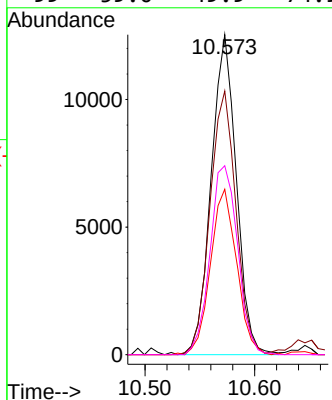
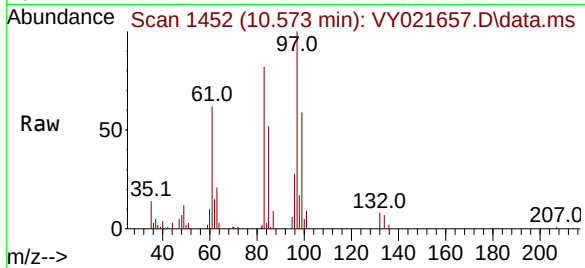




#55
1,1,2-Trichloroethane
Concen: 10.879 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

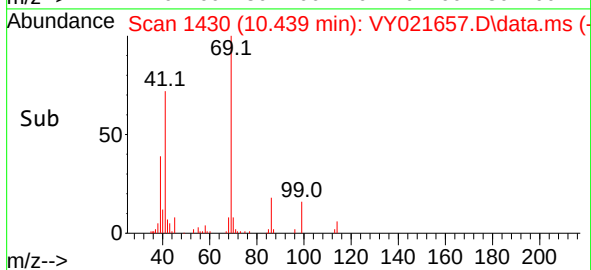
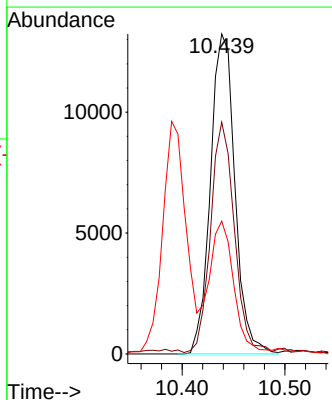
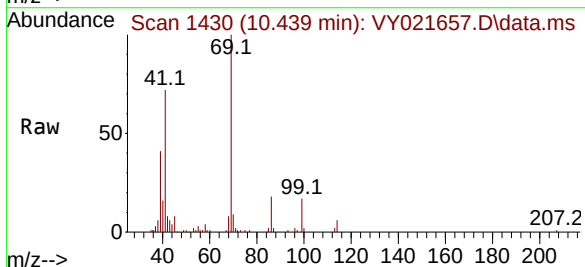
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

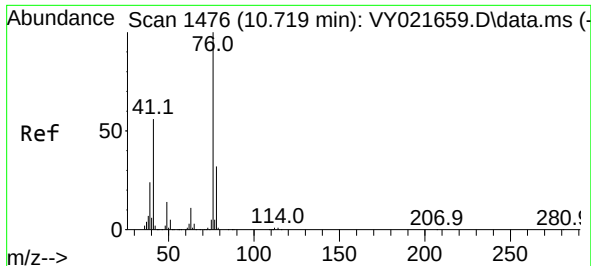
Tgt Ion: 97	Resp: 20050
Ion Ratio	Lower Upper
97 100	
83 82.4	69.5 104.3
85 51.3	43.9 65.9
99 59.0	49.9 74.9



#56
Ethyl methacrylate
Concen: 9.307 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 69	Resp: 21901
Ion Ratio	Lower Upper
69 100	
41 70.1	53.8 80.6
39 40.2	29.6 44.4





#57

1,3-Dichloropropane

Concen: 10.467 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

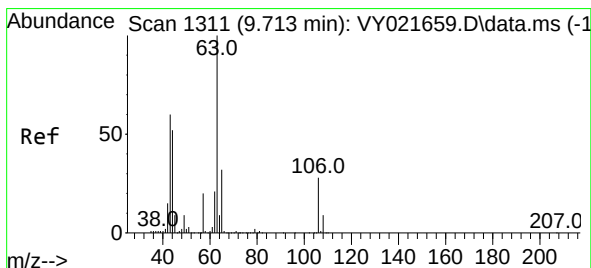
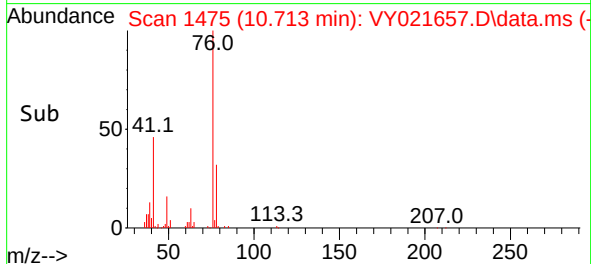
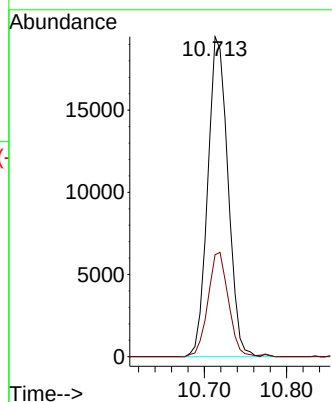
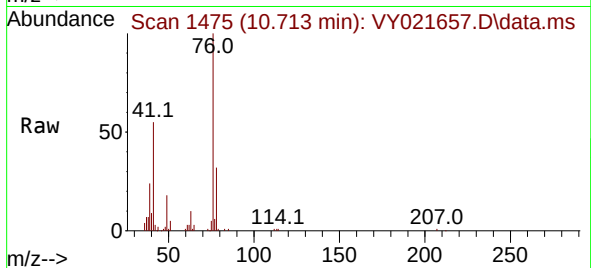
VSTDIC010

Tgt Ion: 76 Resp: 33316

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 47.274 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021657.D

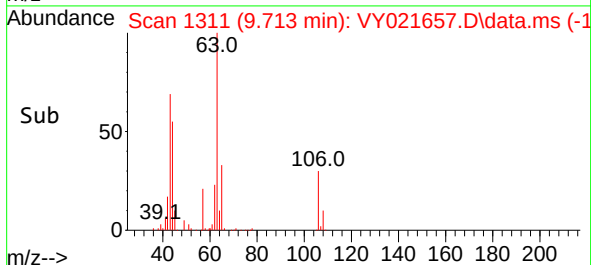
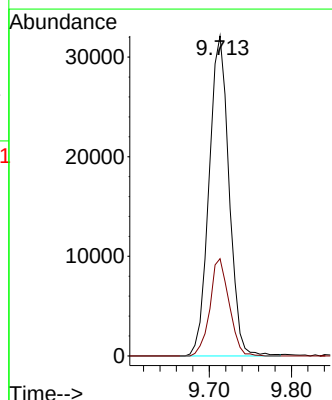
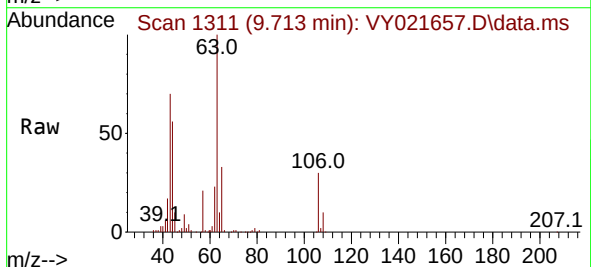
Acq: 27 Mar 2025 10:31

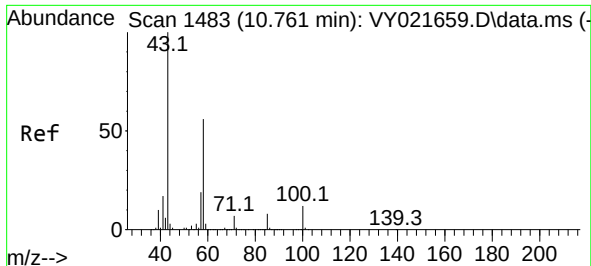
Tgt Ion: 63 Resp: 54271

Ion Ratio Lower Upper

63 100

106 29.2 22.4 33.6

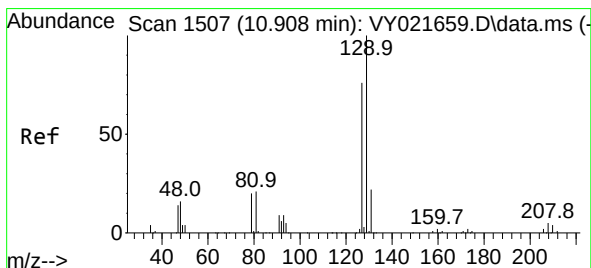
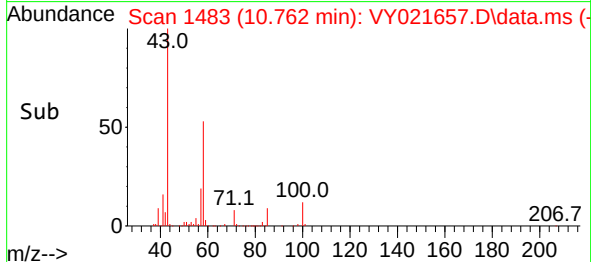
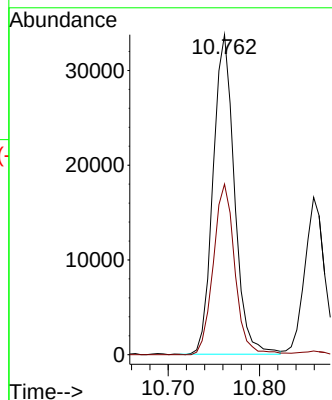
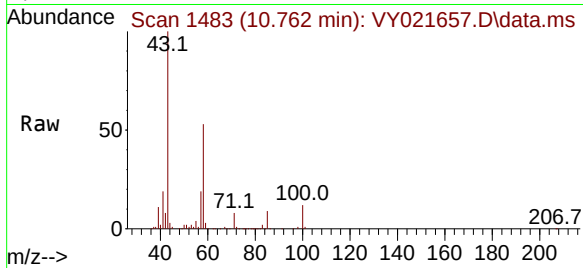




#59
2-Hexanone
Concen: 50.295 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

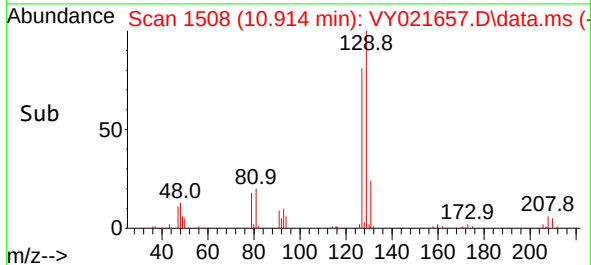
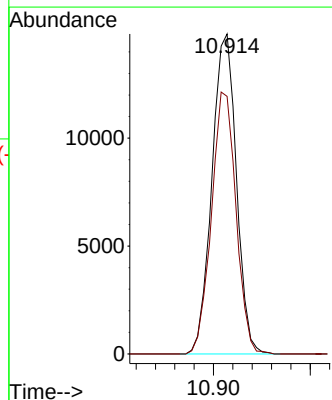
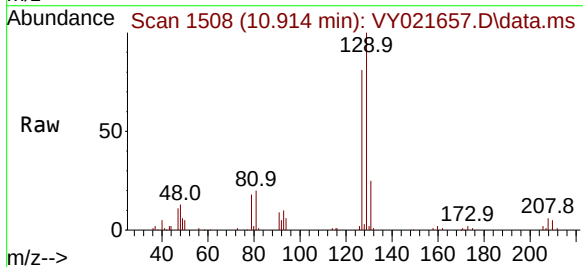
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

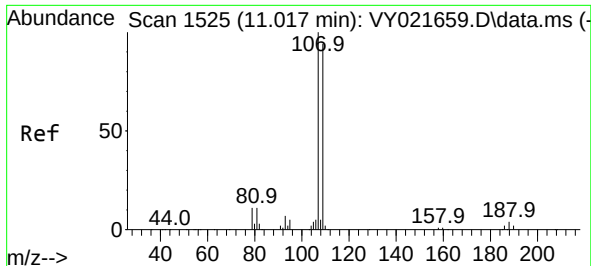
Tgt Ion: 43 Resp: 54649
Ion Ratio Lower Upper
43 100
58 54.0 27.2 81.5



#60
Dibromochloromethane
Concen: 10.346 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion:129 Resp: 26032
Ion Ratio Lower Upper
129 100
127 82.2 38.6 115.7

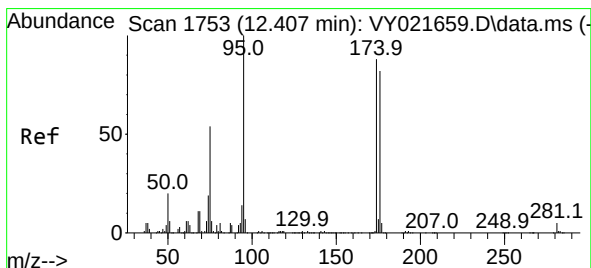
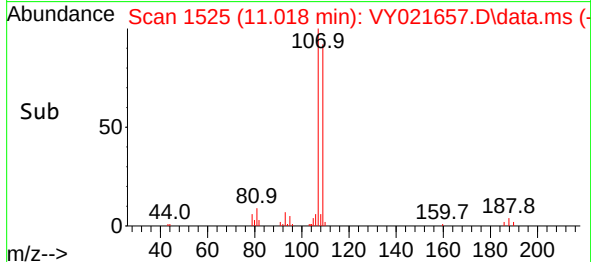
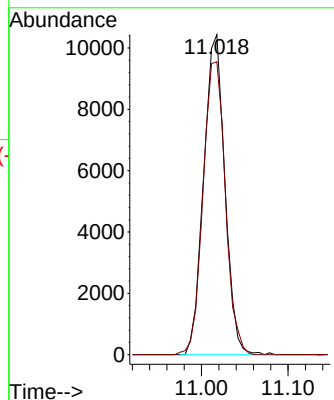
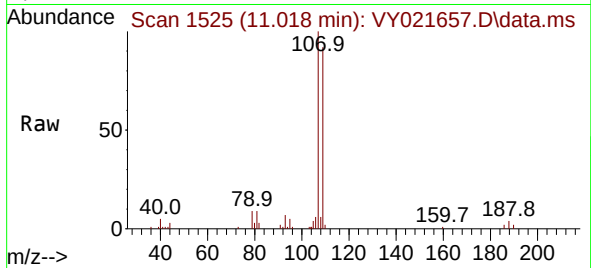




#61
1,2-Dibromoethane
Concen: 10.251 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

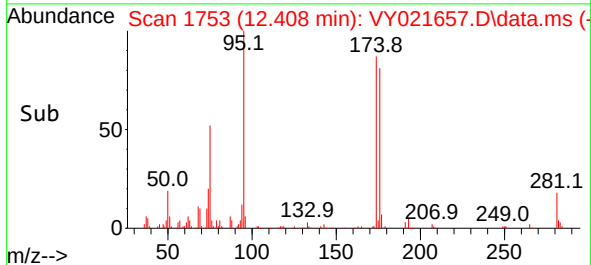
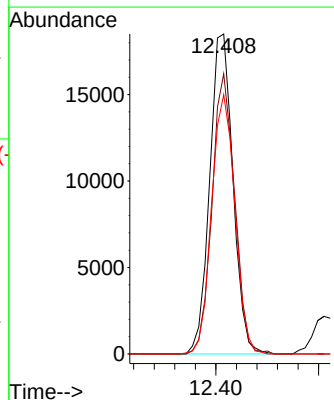
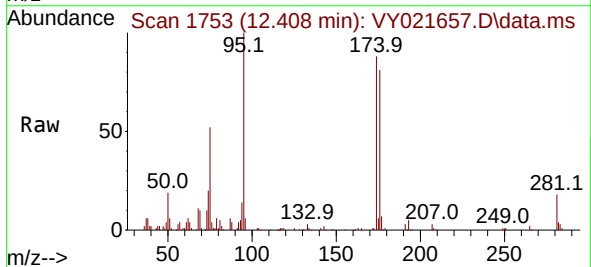
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

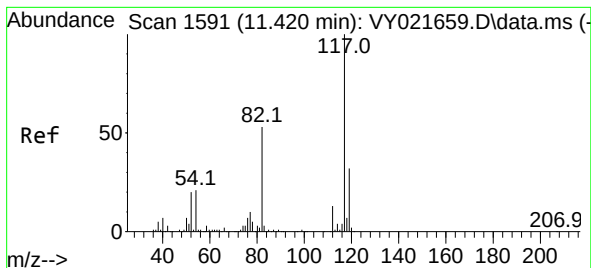
Tgt Ion:107 Resp: 17722
Ion Ratio Lower Upper
107 100
109 96.3 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 9.835 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 95 Resp: 29125
Ion Ratio Lower Upper
95 100
174 84.7 0.0 170.8
176 81.1 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

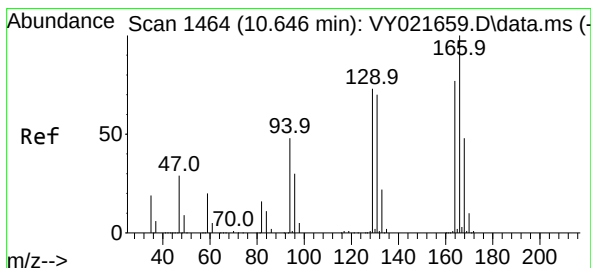
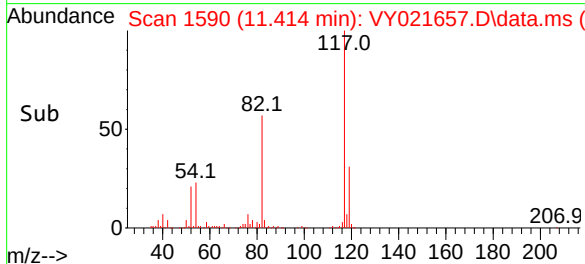
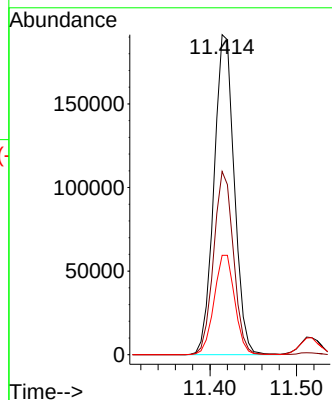
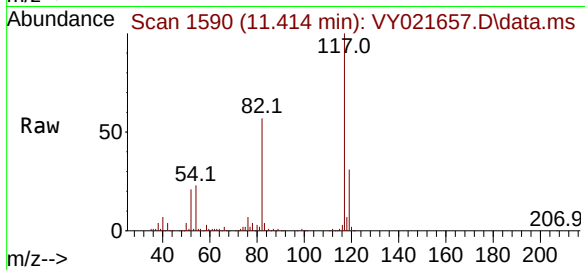
Tgt Ion:117 Resp: 311737

Ion Ratio Lower Upper

117 100

82 57.2 42.8 64.2

119 31.0 25.7 38.5



#64

Tetrachloroethene

Concen: 11.036 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Tgt Ion:164 Resp: 31334

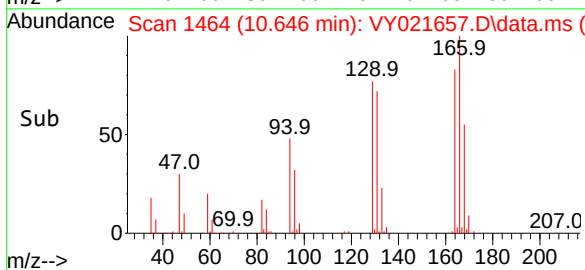
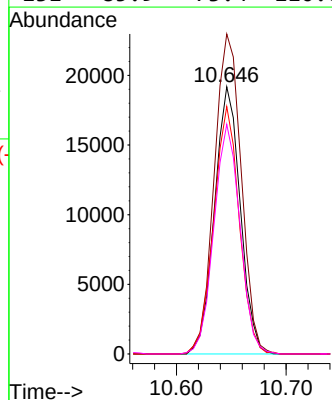
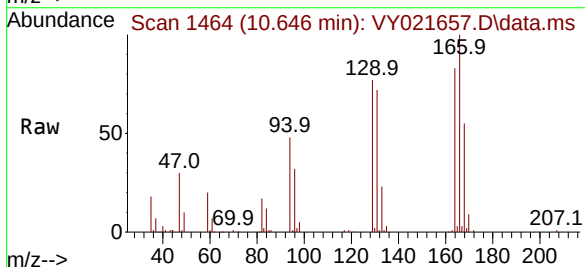
Ion Ratio Lower Upper

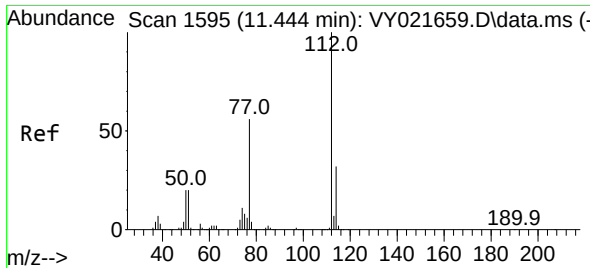
164 100

166 119.8 104.6 156.8

129 92.6 76.6 114.8

131 85.9 73.4 110.0

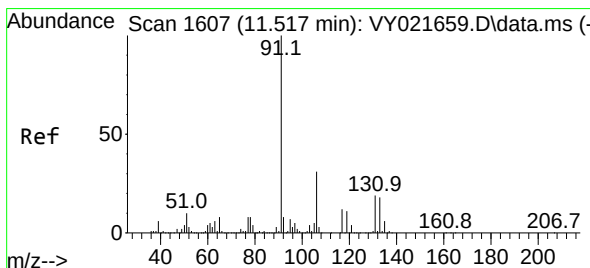
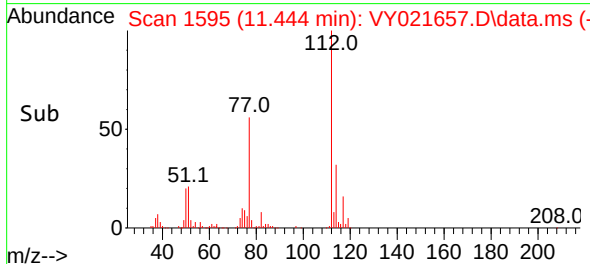
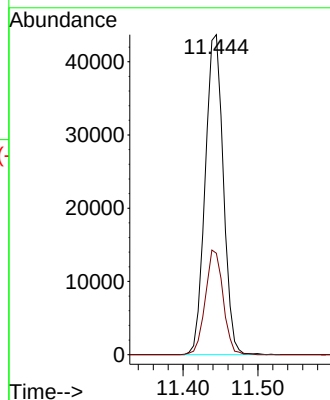
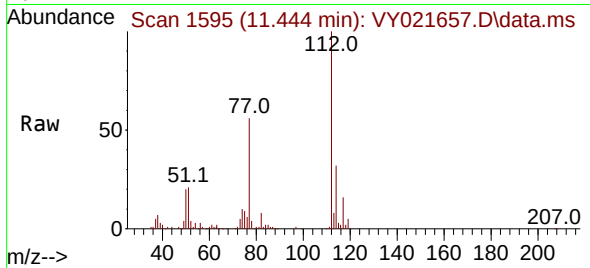




#65
Chlorobenzene
Concen: 10.276 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

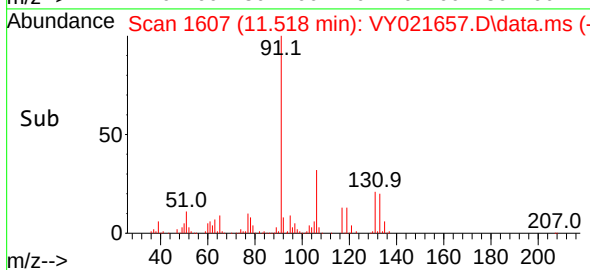
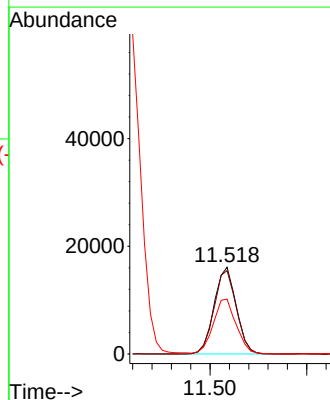
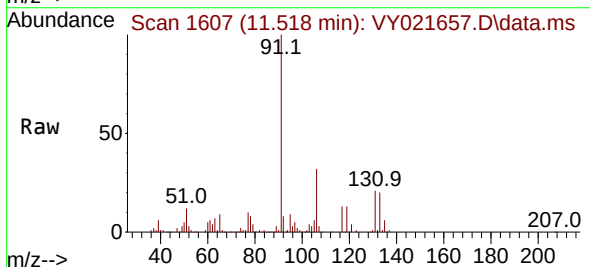
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

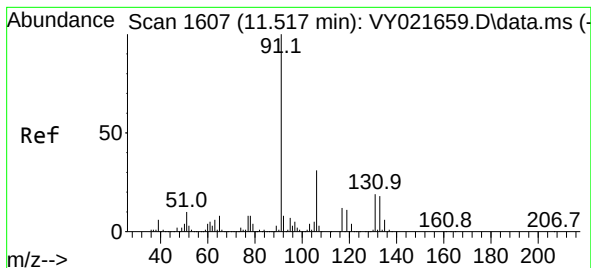
Tgt Ion:112 Resp: 73433
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 10.060 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion:131 Resp: 25506
Ion Ratio Lower Upper
131 100
133 97.1 47.3 141.8
119 65.9 31.6 95.0





#67

Ethyl Benzene

Concen: 9.750 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

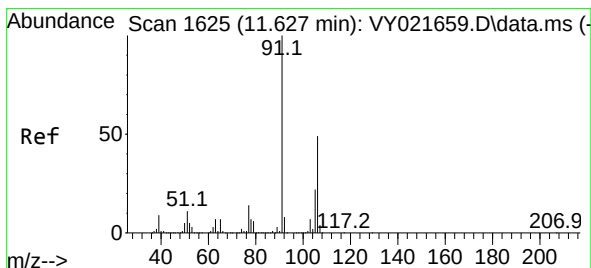
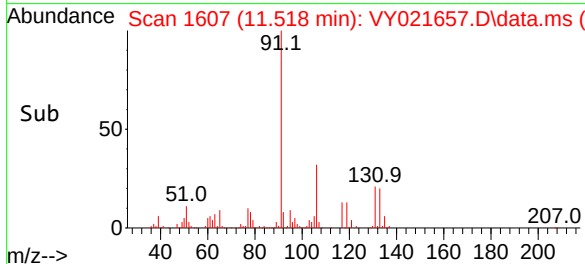
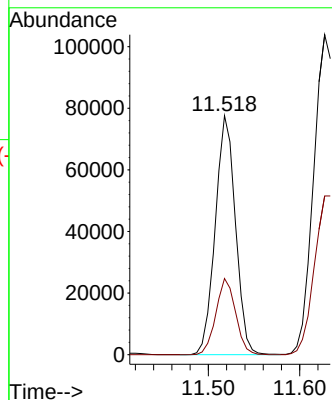
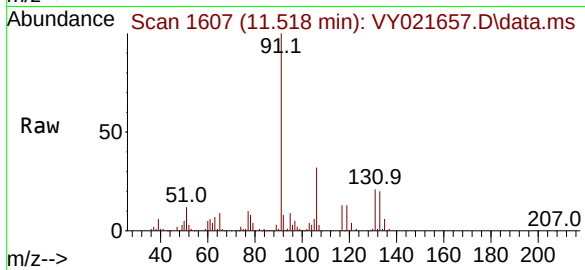
VSTDIC010

Tgt Ion: 91 Resp: 119480

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



#68

m/p-Xylenes

Concen: 20.009 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021657.D

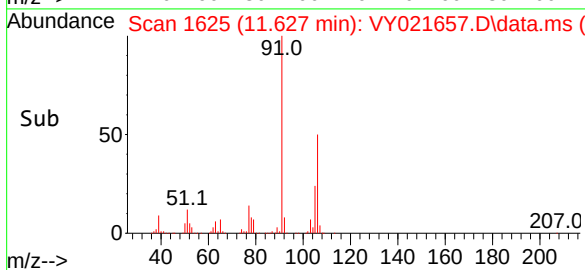
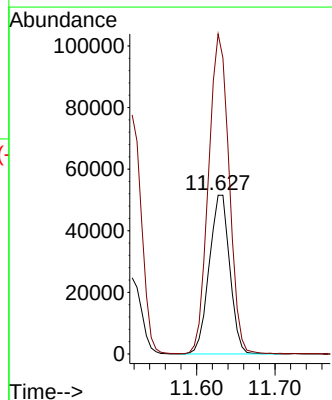
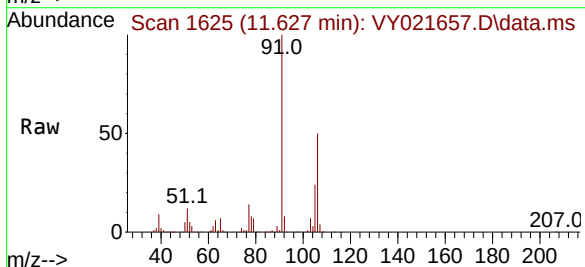
Acq: 27 Mar 2025 10:31

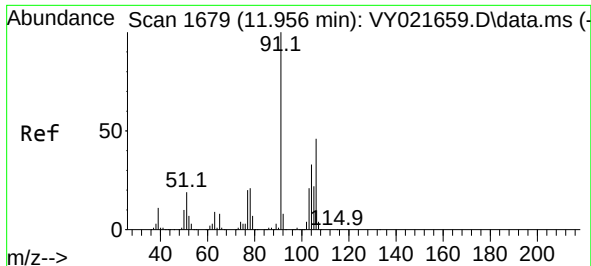
Tgt Ion:106 Resp: 93887

Ion Ratio Lower Upper

106 100

91 201.5 162.4 243.6

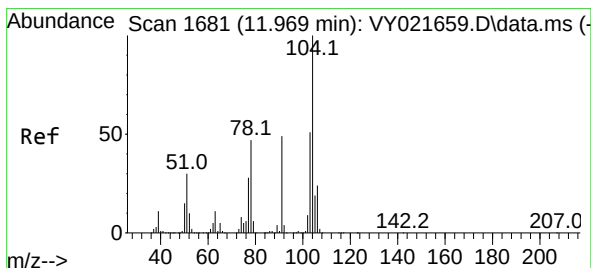
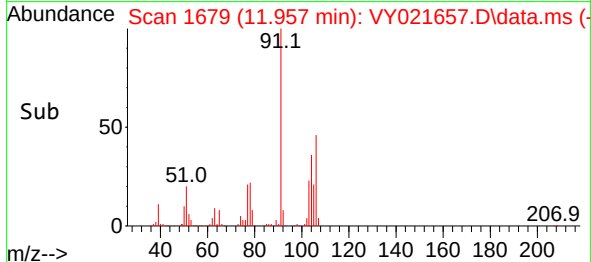
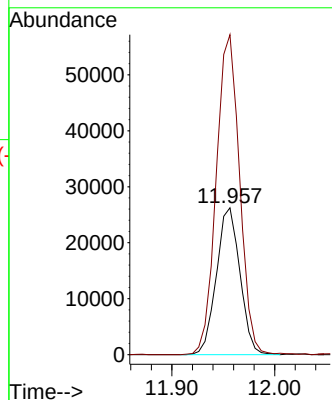
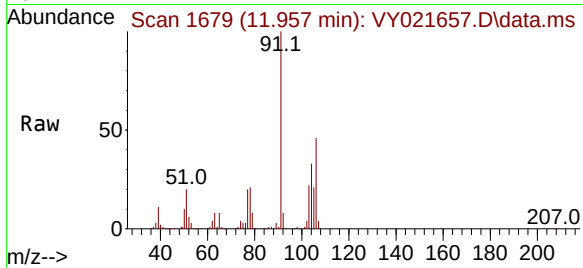




#69
o-Xylene
Concen: 9.643 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

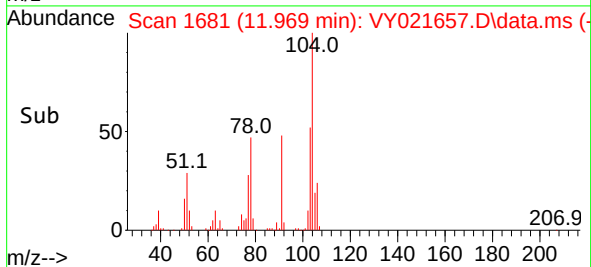
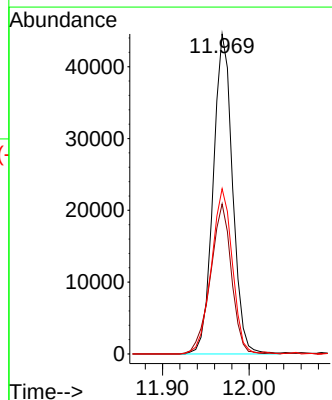
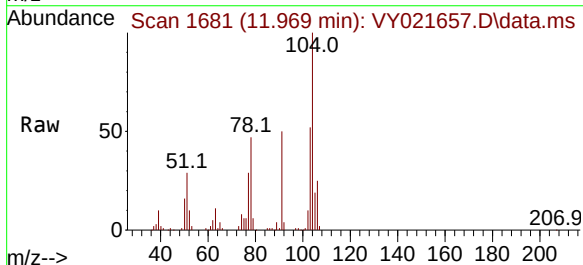
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

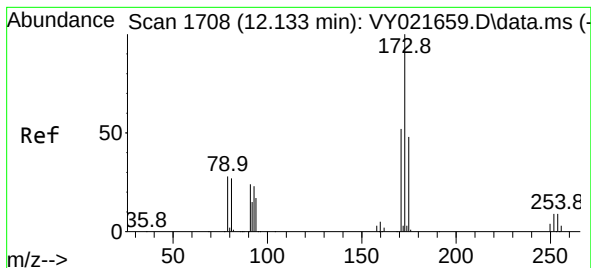
Tgt Ion:106 Resp: 41768
Ion Ratio Lower Upper
106 100
91 216.6 106.7 319.9



#70
Styrene
Concen: 9.581 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion:104 Resp: 69196
Ion Ratio Lower Upper
104 100
78 50.7 40.8 61.2
103 56.1 44.2 66.2





#71

Bromoform

Concen: 10.294 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

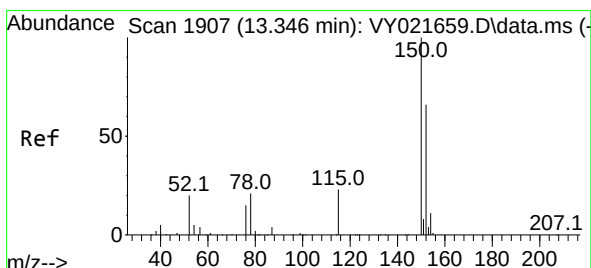
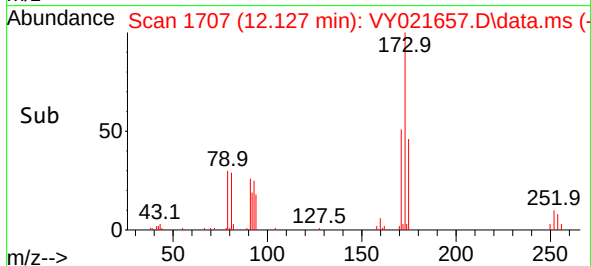
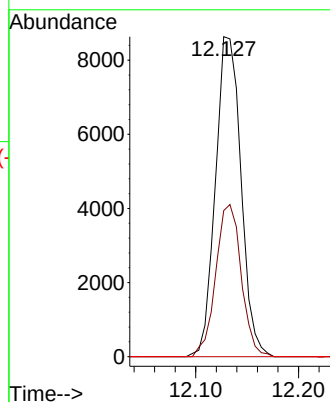
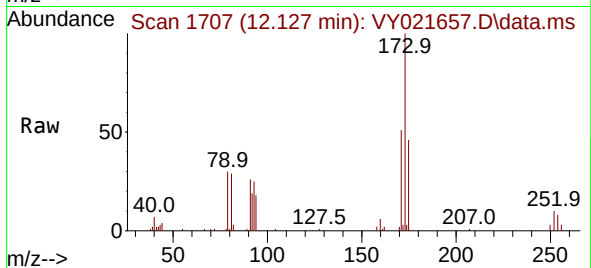
Tgt Ion:173 Resp: 14887

Ion Ratio Lower Upper

173 100

175 47.5 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

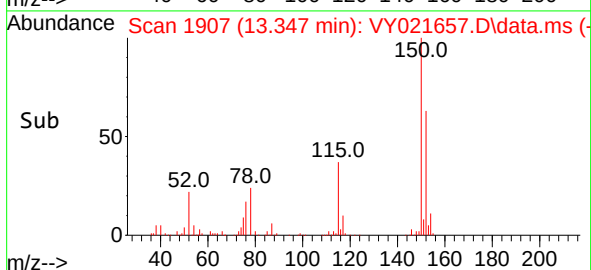
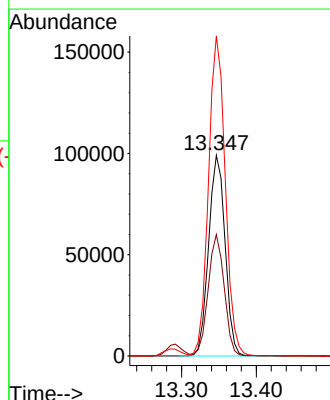
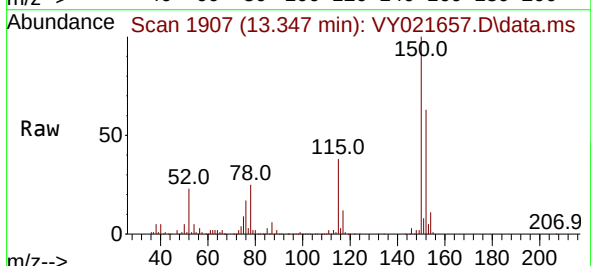
Tgt Ion:152 Resp: 152005

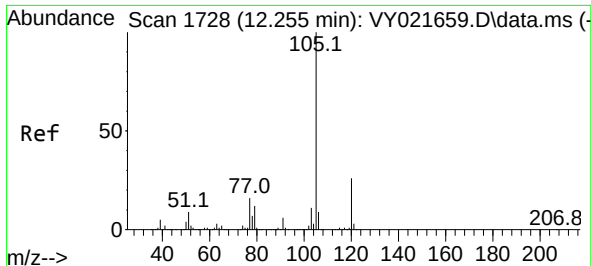
Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 161.6 0.0 348.4

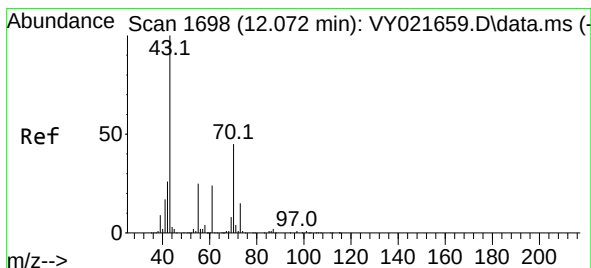
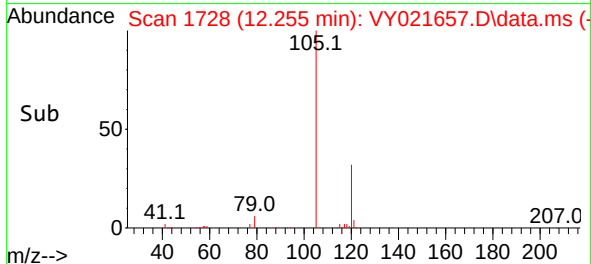
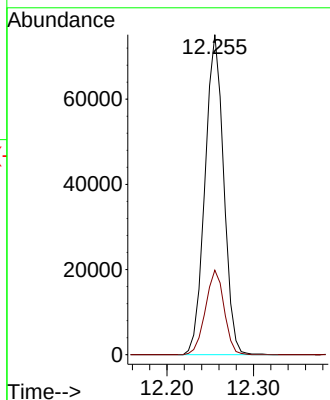
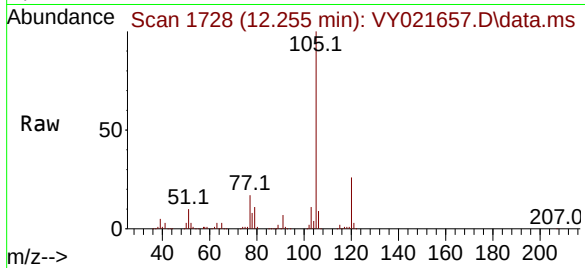




#73
Isopropylbenzene
Concen: 9.966 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

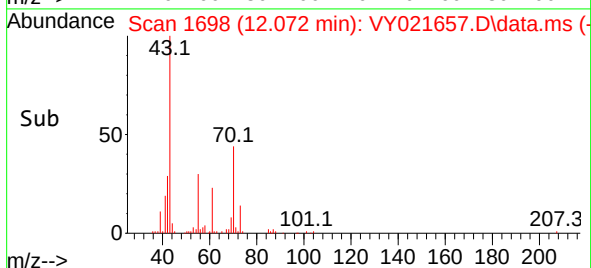
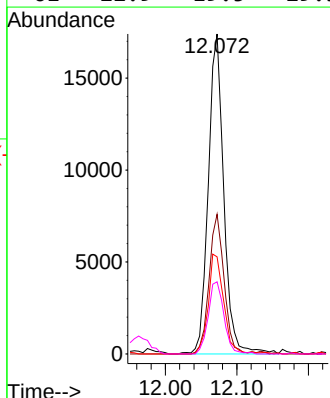
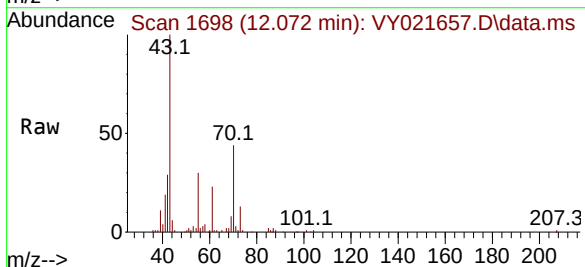
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

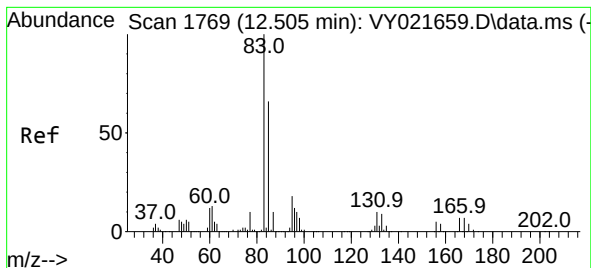
Tgt Ion:105 Resp: 112512
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5



#74
N-ethyl acetate
Concen: 9.910 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 43 Resp: 26259
Ion Ratio Lower Upper
43 100
70 41.9 34.7 52.1
55 30.8 21.2 31.8
61 22.9 19.5 29.3

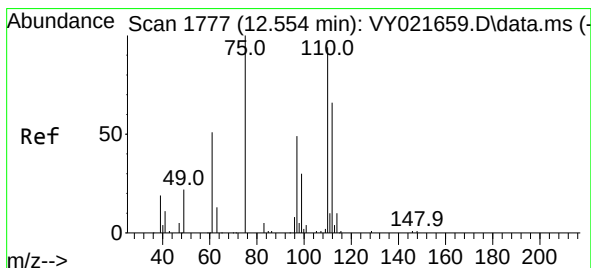
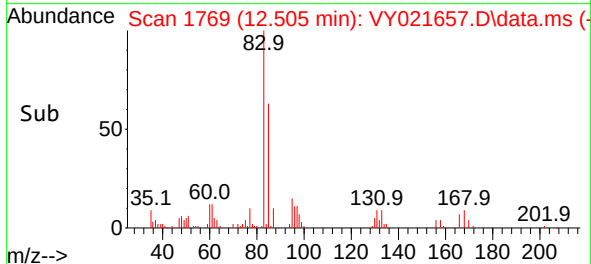
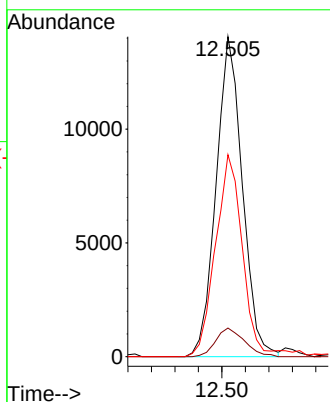
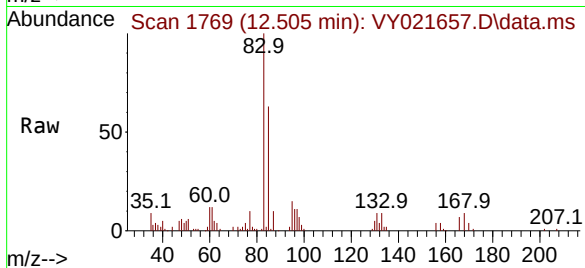




#75
 1,1,2,2-Tetrachloroethane
 Concen: 10.781 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021657.D
 Acq: 27 Mar 2025 10:31

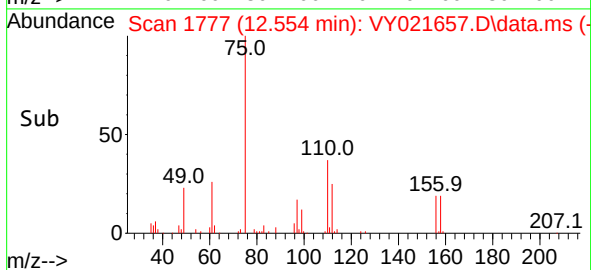
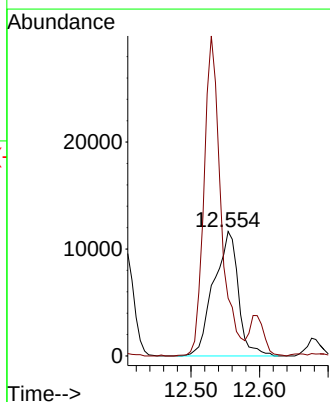
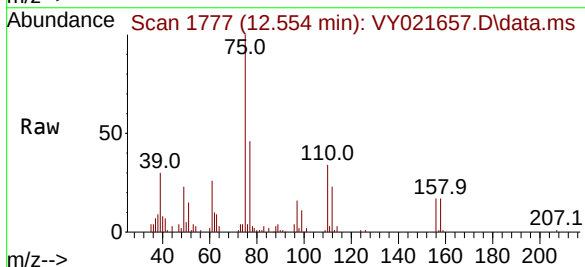
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

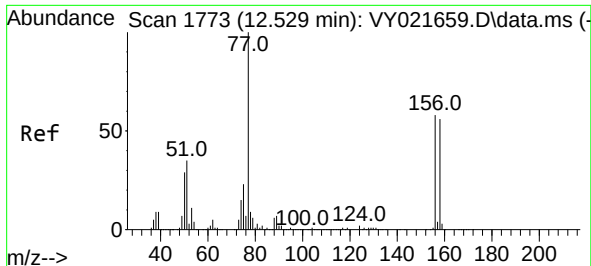
Tgt Ion: 83 Resp: 21883
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.1 15.3
 85 65.8 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 19.219 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021657.D
 Acq: 27 Mar 2025 10:31

Tgt Ion: 75 Resp: 28958
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

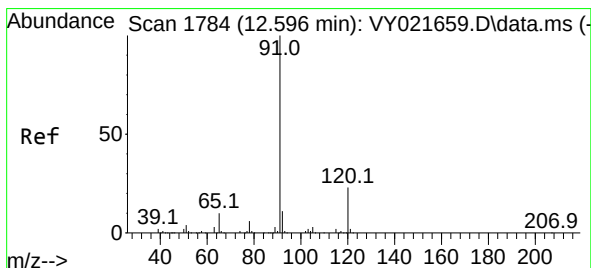
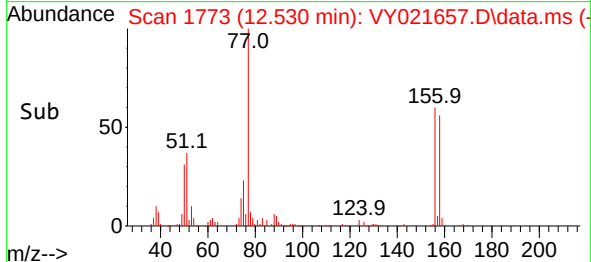
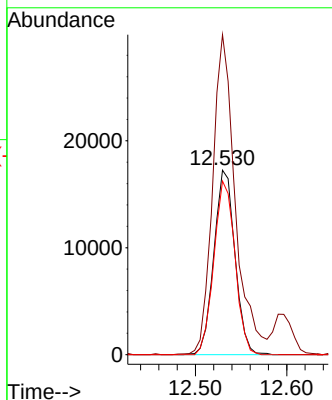
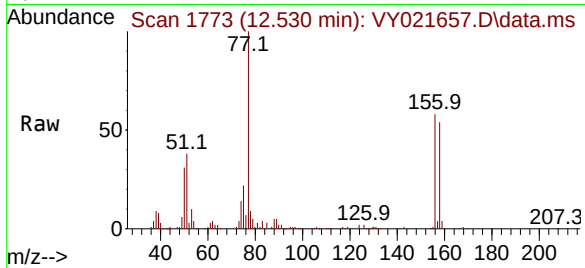




#77
Bromobenzene
Concen: 10.199 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

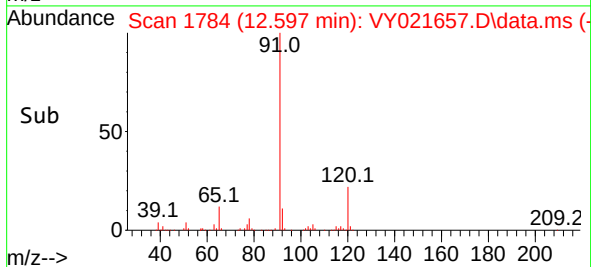
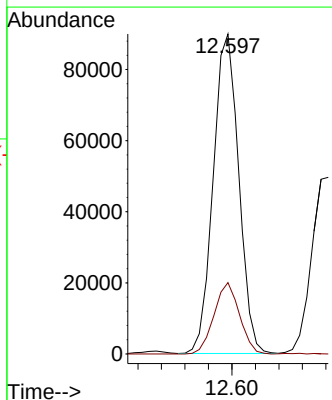
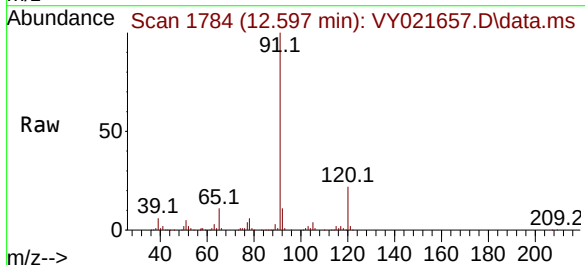
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

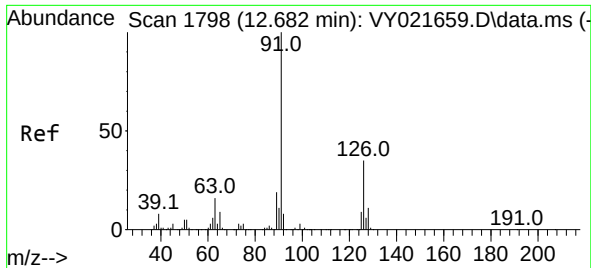
Tgt Ion:156 Resp: 27648
Ion Ratio Lower Upper
156 100
77 187.1 92.8 278.3
158 94.2 48.5 145.6



#78
n-propylbenzene
Concen: 9.983 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 91 Resp: 135498
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.9

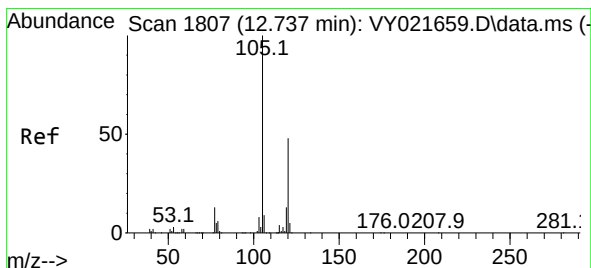
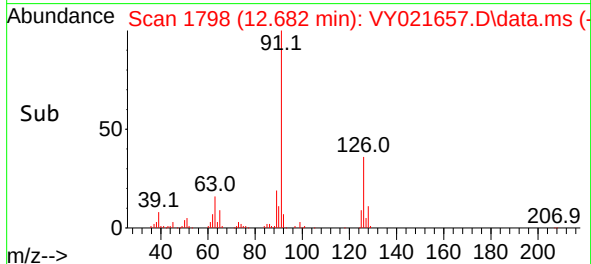
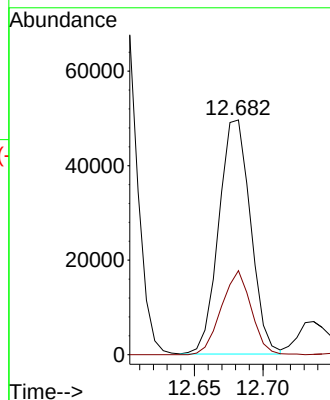
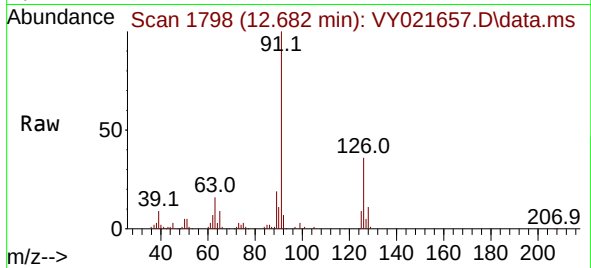




#79
2-Chlorotoluene
Concen: 10.158 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

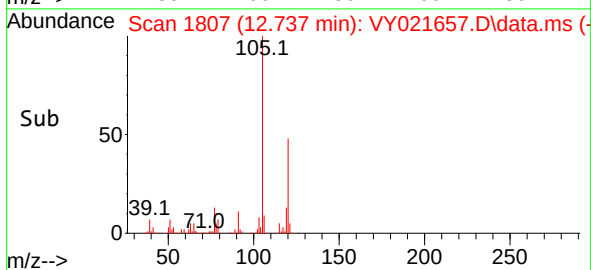
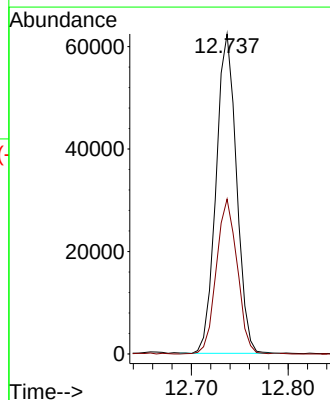
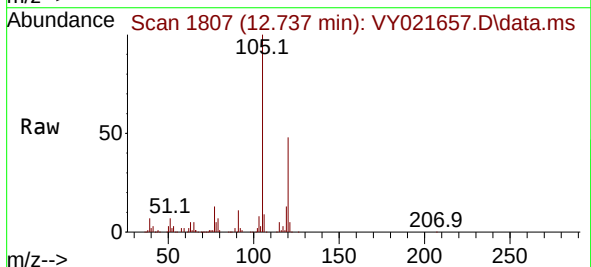
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

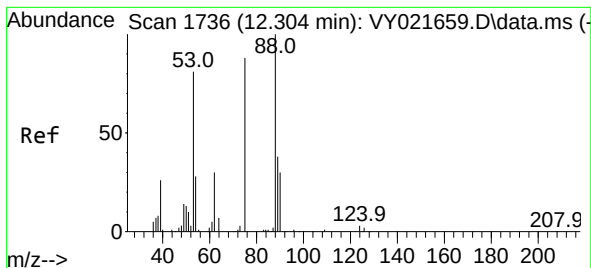
Tgt Ion: 91 Resp: 80079
Ion Ratio Lower Upper
91 100
126 33.6 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 9.888 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 105 Resp: 91235
Ion Ratio Lower Upper
105 100
120 49.6 24.5 73.5

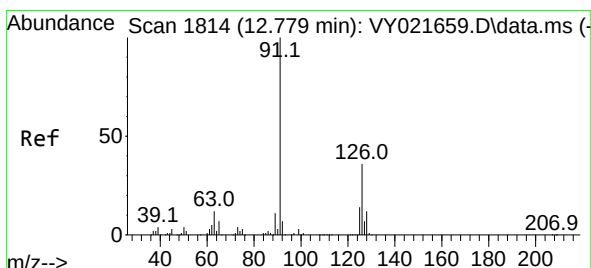
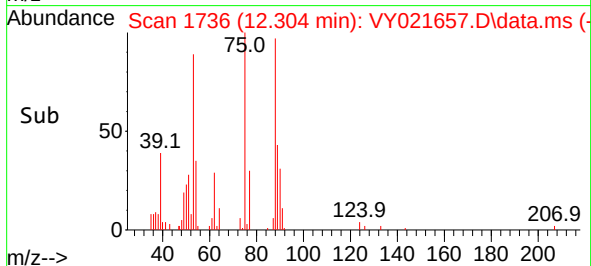
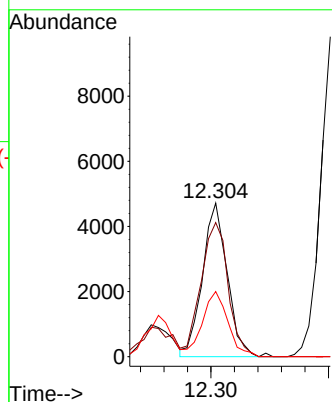
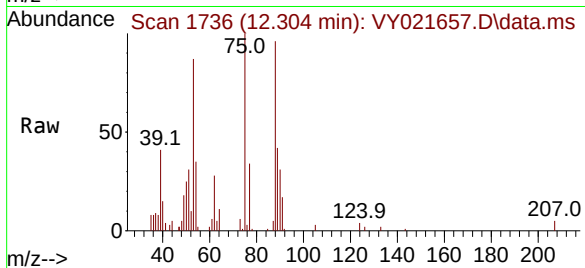




#81
trans-1,4-Dichloro-2-butene
Concen: 10.550 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

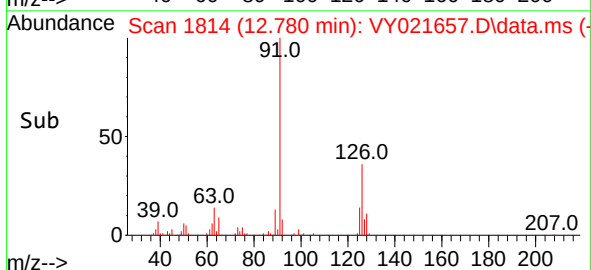
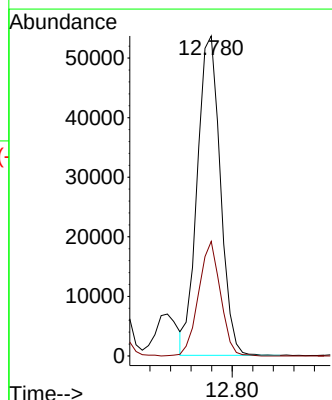
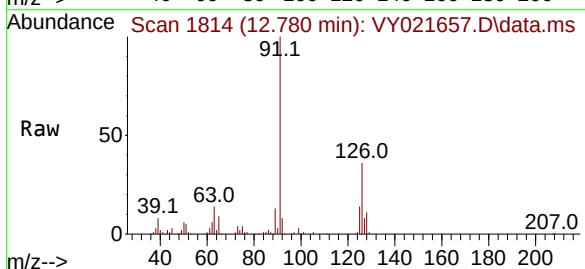
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

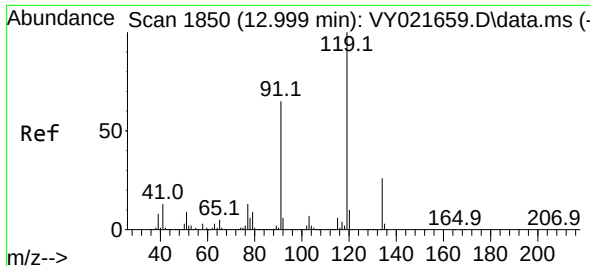
Tgt Ion: 75 Resp: 6899
Ion Ratio Lower Upper
75 100
53 95.8 76.1 114.1
89 44.2 36.2 54.4



#82
4-Chlorotoluene
Concen: 10.157 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 91 Resp: 83484
Ion Ratio Lower Upper
91 100
126 34.1 17.0 50.9

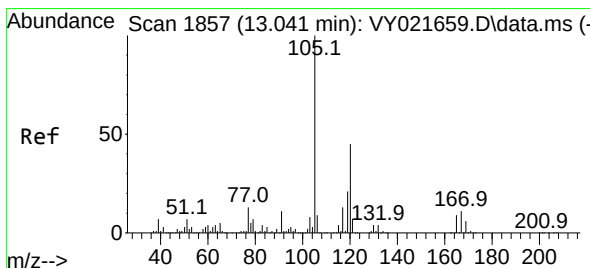
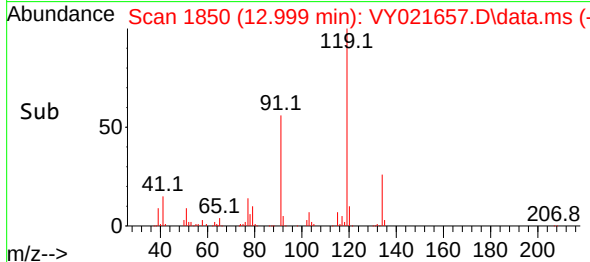
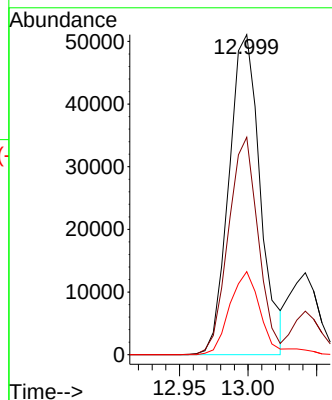
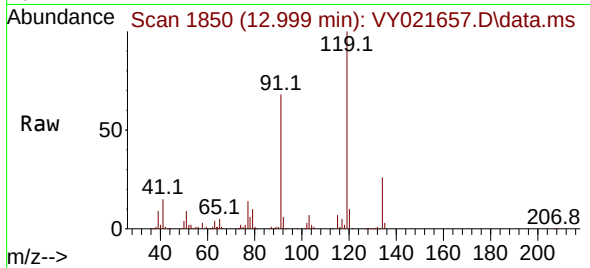




#83
 tert-Butylbenzene
 Concen: 9.892 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021657.D
 Acq: 27 Mar 2025 10:31

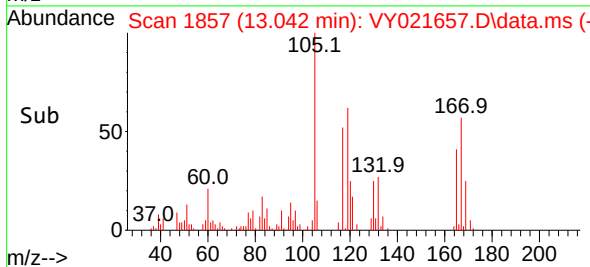
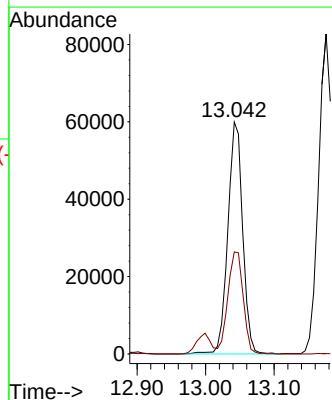
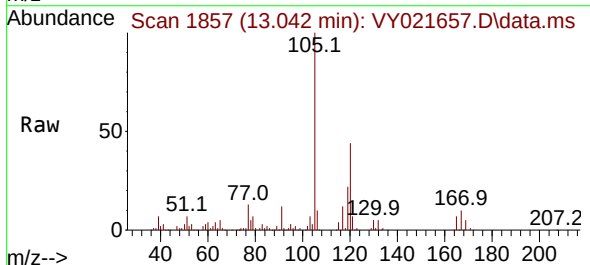
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

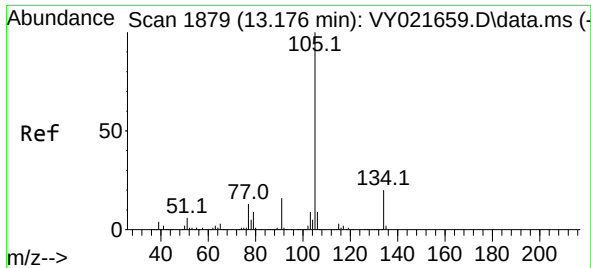
Tgt Ion:119 Resp: 81296
 Ion Ratio Lower Upper
 119 100
 91 65.1 32.6 97.7
 134 26.2 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 9.884 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021657.D
 Acq: 27 Mar 2025 10:31

Tgt Ion:105 Resp: 90142
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.1

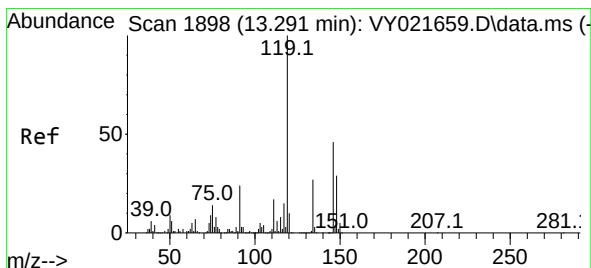
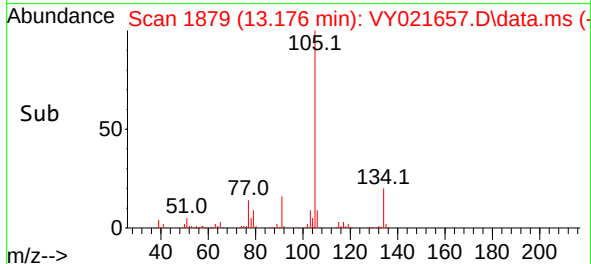
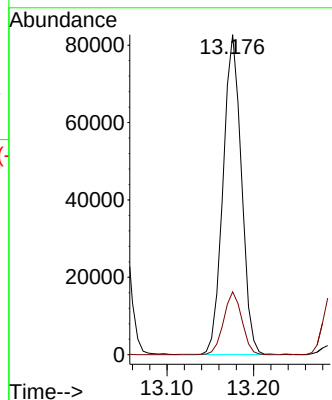
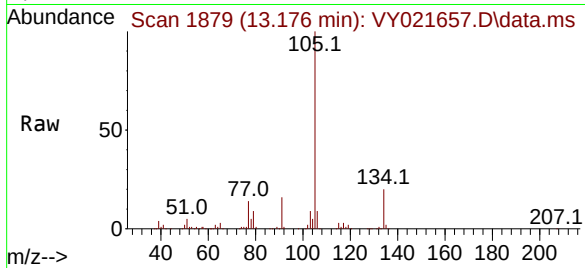




#85
 sec-Butylbenzene
 Concen: 10.122 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021657.D
 Acq: 27 Mar 2025 10:31

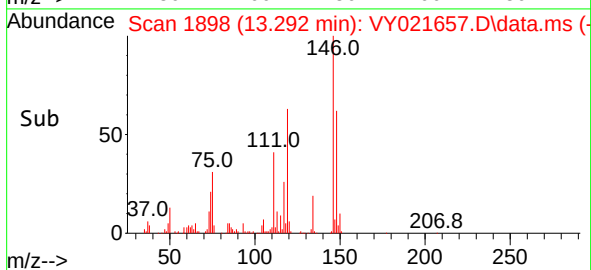
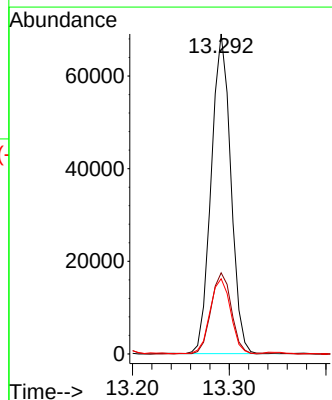
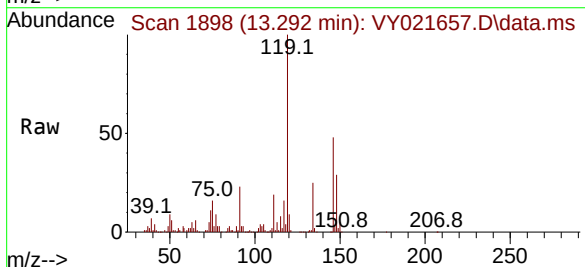
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

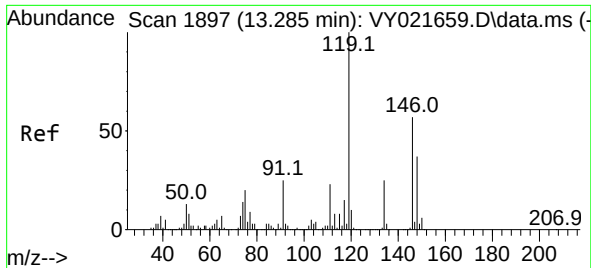
Tgt Ion:105 Resp: 121575
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 9.781 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021657.D
 Acq: 27 Mar 2025 10:31

Tgt Ion:119 Resp: 97092
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 24.6 12.0 36.0

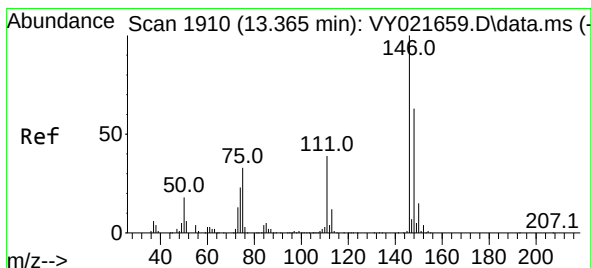
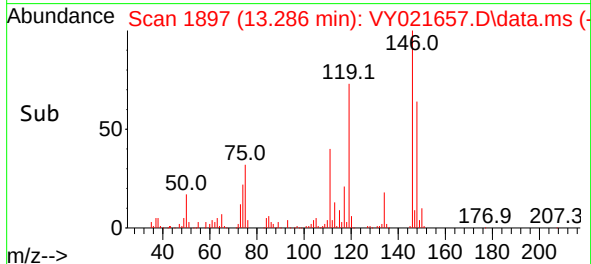
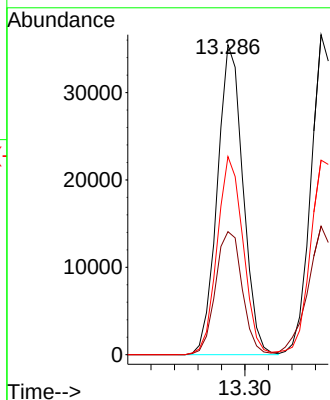
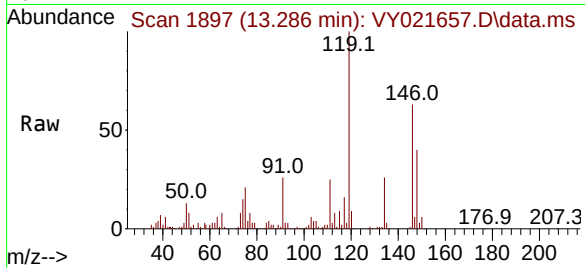




#87
1,3-Dichlorobenzene
Concen: 10.098 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

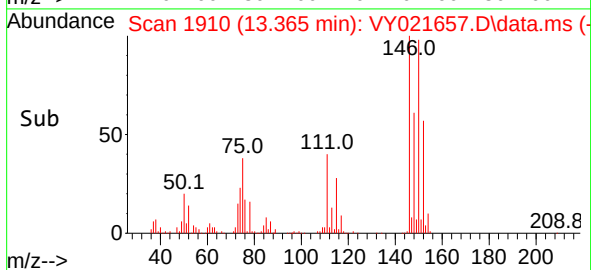
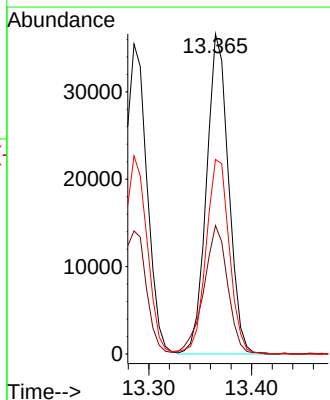
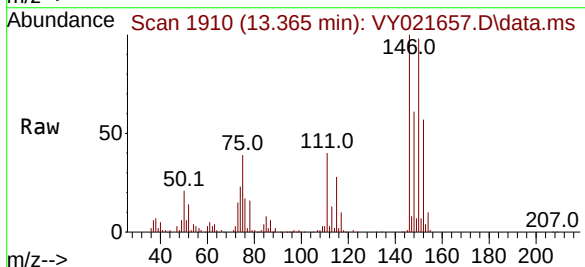
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

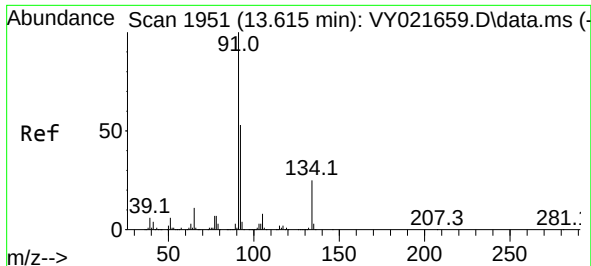
Tgt Ion:146 Resp: 53929
Ion Ratio Lower Upper
146 100
111 41.3 20.0 60.0
148 64.4 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 10.336 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion:146 Resp: 54536
Ion Ratio Lower Upper
146 100
111 43.6 19.1 57.1
148 64.4 31.5 94.5

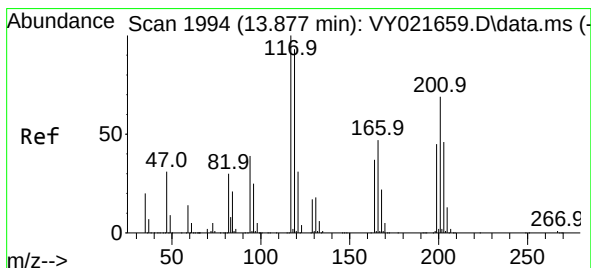
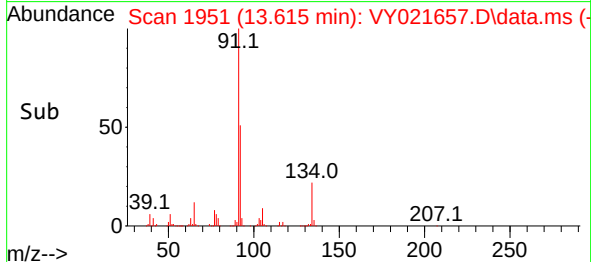
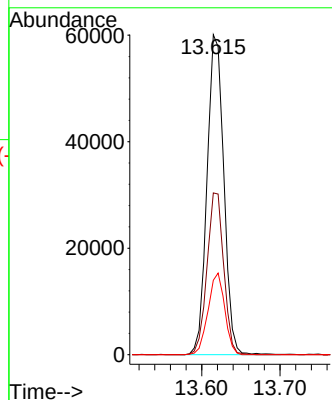
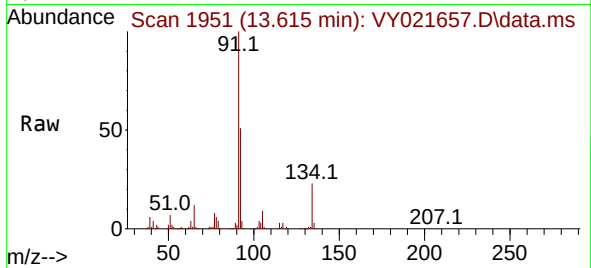




#89
n-Butylbenzene
Concen: 9.712 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

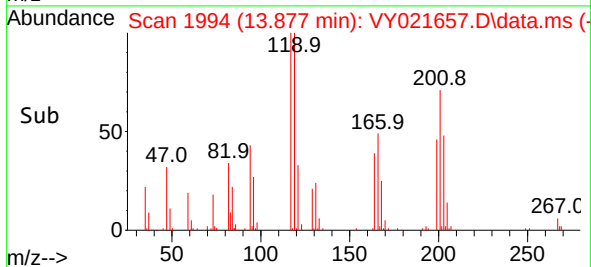
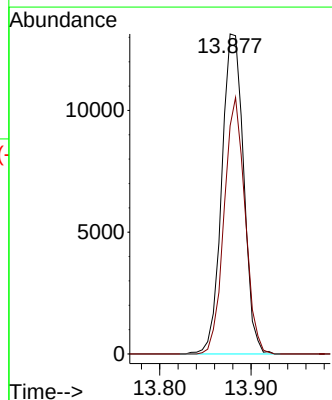
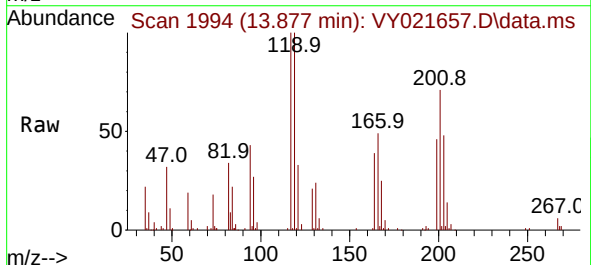
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

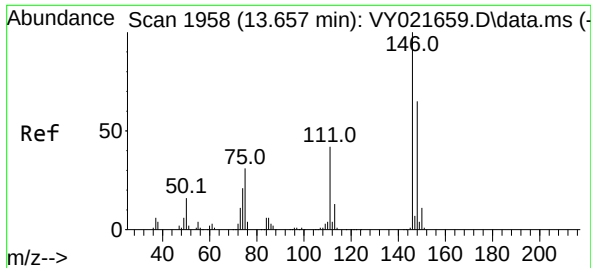
Tgt Ion:	91	Resp:	89162
Ion	Ratio	Lower	Upper
91	100		
92	50.3	26.4	79.2
134	25.4	12.8	38.4



#90
Hexachloroethane
Concen: 10.059 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion:	117	Resp:	21881
Ion	Ratio	Lower	Upper
117	100		
201	76.5	37.4	112.1

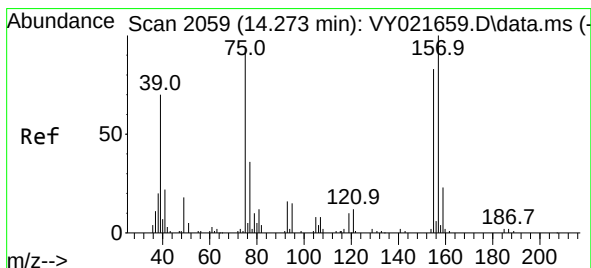
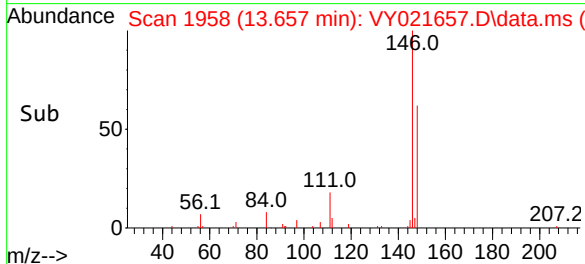
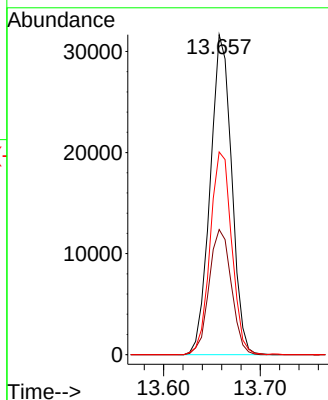
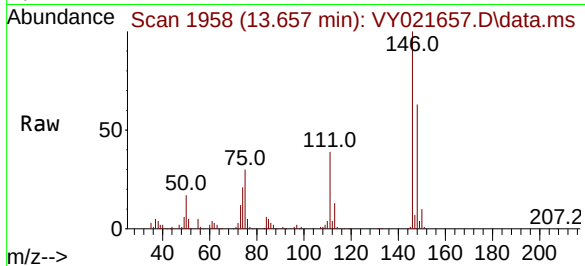




#91
 1,2-Dichlorobenzene
 Concen: 10.506 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY021657.D
 Acq: 27 Mar 2025 10:31

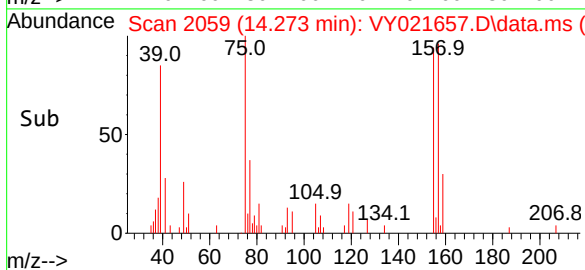
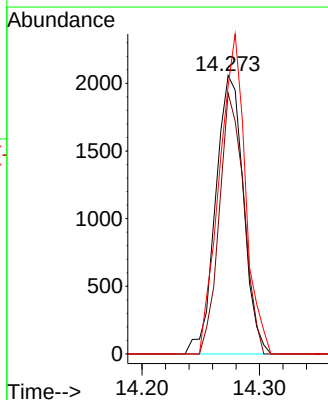
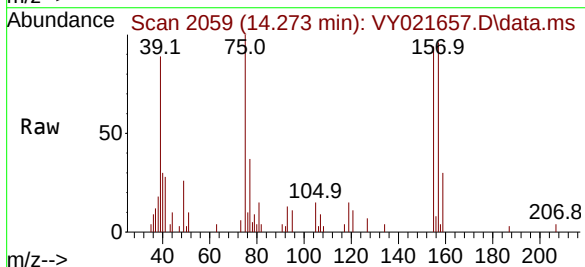
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

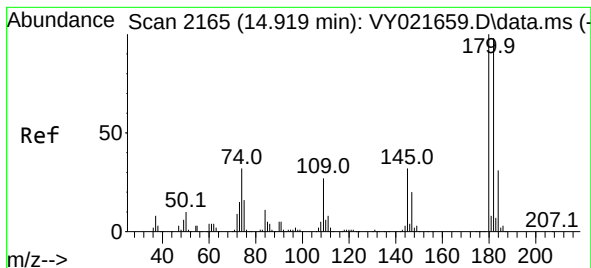
Tgt Ion:	146	Resp:	48845
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.7	62.1
148	63.8	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.766 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY021657.D
 Acq: 27 Mar 2025 10:31

Tgt Ion:	75	Resp:	3387
Ion	Ratio	Lower	Upper
75	100		
155	82.8	43.0	128.8
157	107.6	54.0	162.0





#93

1,2,4-Trichlorobenzene

Concen: 9.419 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

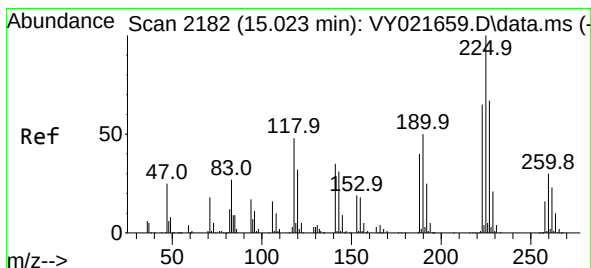
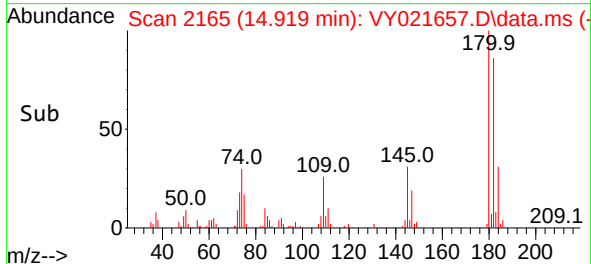
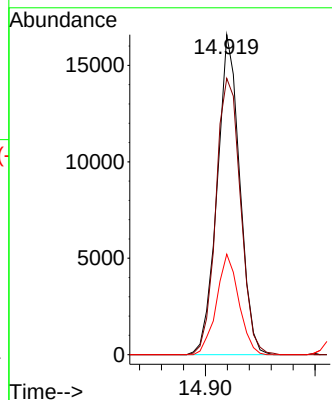
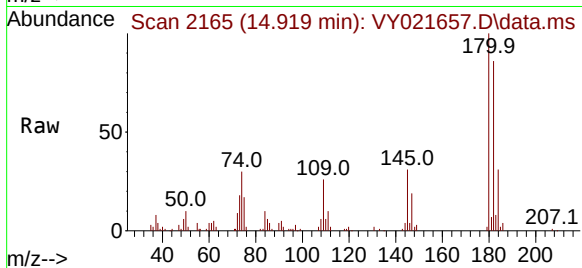
Tgt Ion:180 Resp: 23748

Ion Ratio Lower Upper

180 100

182 94.0 47.5 142.6

145 31.1 14.9 44.9



#94

Hexachlorobutadiene

Concen: 10.063 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

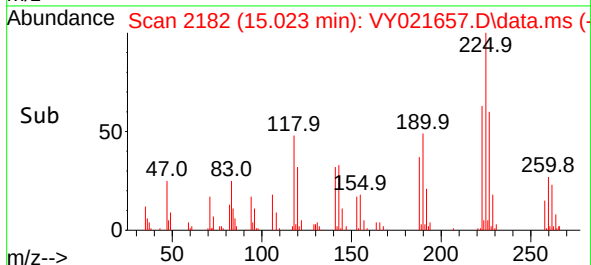
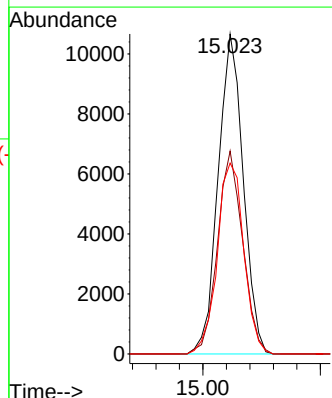
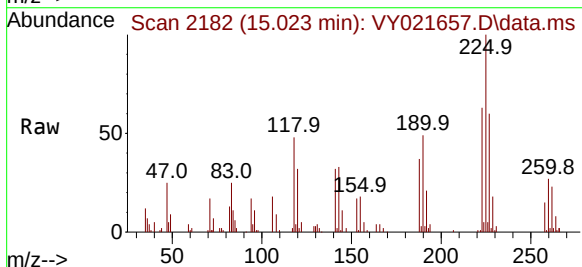
Tgt Ion:225 Resp: 15844

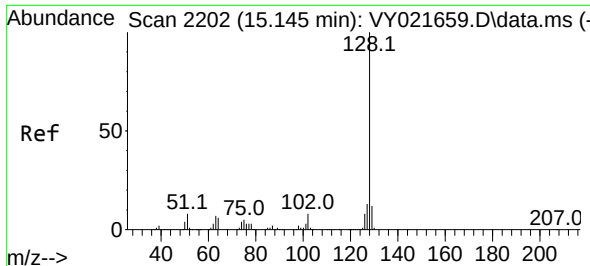
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.7

227 63.0 32.4 97.0

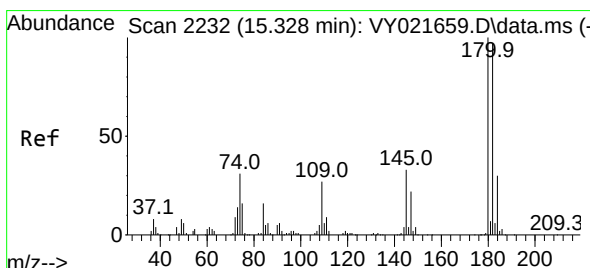
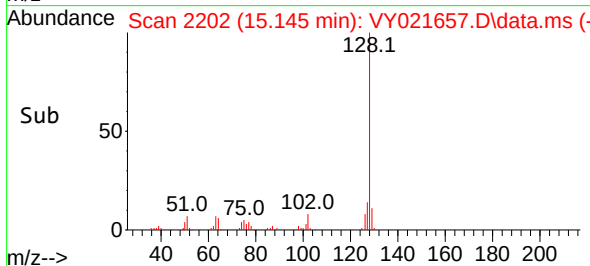
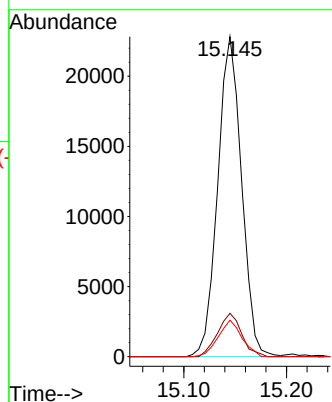
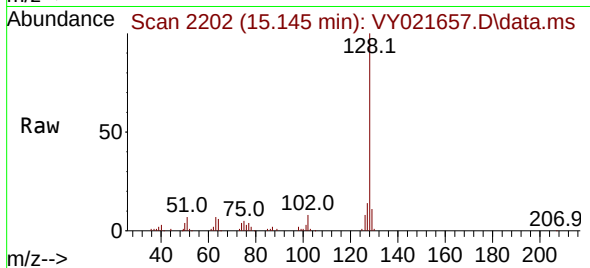




#95
Naphthalene
Concen: 8.785 ug/l
RT: 15.145 min Scan# 211
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:	128	Resp:	36711
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.8	16.2
129	11.3	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 9.633 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion:	180	Resp:	20711
Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.5	142.5
145	32.4	15.9	47.7

