

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
 Data File : VY021933.D
 Acq On : 18 Apr 2025 16:06
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 19 01:15:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	178314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	272261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	255245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	137341	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96983	50.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.400%	
35) Dibromofluoromethane	7.634	113	93524	52.955	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.900%	
50) Toluene-d8	10.103	98	357847	53.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.520%	
62) 4-Bromofluorobenzene	12.402	95	125468	55.208	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	76889	41.602	ug/l	99
3) Chloromethane	2.062	50	125564	48.316	ug/l	98
4) Vinyl Chloride	2.202	62	136584	46.473	ug/l	98
5) Bromomethane	2.598	94	101983	50.876	ug/l	97
6) Chloroethane	2.733	64	93825	48.787	ug/l	98
7) Trichlorofluoromethane	3.056	101	180760	48.012	ug/l	97
8) Diethyl Ether	3.458	74	47431	46.326	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	95712	48.201	ug/l	99
10) Methyl Iodide	4.001	142	111954	51.392	ug/l	100
11) Tert butyl alcohol	4.897	59	24777	197.446	ug/l	98
12) 1,1-Dichloroethene	3.787	96	86631	46.318	ug/l	99
13) Acrolein	3.653	56	8817	38.480	ug/l	97
14) Allyl chloride	4.379	41	141687	47.513	ug/l	100
15) Acrylonitrile	5.061	53	105805	247.500	ug/l	99
16) Acetone	3.885	43	75303	190.447	ug/l	100
17) Carbon Disulfide	4.104	76	271907	44.138	ug/l	99
18) Methyl Acetate	4.391	43	65277	66.612	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	230114	49.417	ug/l	98
20) Methylene Chloride	4.616	84	101720	52.789	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	101279	49.181	ug/l	99
22) Diisopropyl ether	6.019	45	326873	52.252	ug/l	98
23) Vinyl Acetate	5.958	43	858961	234.715	ug/l	99
24) 1,1-Dichloroethane	5.915	63	187607	50.155	ug/l	98
25) 2-Butanone	6.903	43	130276	230.677	ug/l	99
26) 2,2-Dichloropropane	6.884	77	152403	45.803	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	119333	51.529	ug/l	96
28) Bromochloromethane	7.244	49	81233	51.493	ug/l	99
29) Tetrahydrofuran	7.262	42	87095	239.621	ug/l	100
30) Chloroform	7.421	83	199190	51.198	ug/l	98
31) Cyclohexane	7.701	56	152832	44.821	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	172823	49.148	ug/l	98
36) 1,1-Dichloropropene	7.835	75	136351	50.687	ug/l	99
37) Ethyl Acetate	6.988	43	59467	46.841	ug/l	98
38) Carbon Tetrachloride	7.817	117	159715	51.838	ug/l	98
39) Methylcyclohexane	9.110	83	160239	49.863	ug/l	98
40) Benzene	8.079	78	424377	52.678	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	34594	51.309	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	118967	52.382	ug/l	100
43) Isopropyl Acetate	8.195	43	119626	49.722	ug/l	98
44) Trichloroethene	8.866	130	108720	52.966	ug/l	99
45) 1,2-Dichloropropane	9.140	63	103127	54.080	ug/l	98
46) Dibromomethane	9.231	93	58340	53.085	ug/l	99
47) Bromodichloromethane	9.420	83	152358	53.502	ug/l	98
48) Methyl methacrylate	9.219	41	57682	52.238	ug/l	99
49) 1,4-Dioxane	9.244	88	11291	959.047	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	334250	266.967	ug/l	99
52) Toluene	10.170	92	274241	54.562	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	131753	52.088	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	154875	51.902	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	77501	54.798	ug/l	98
56) Ethyl methacrylate	10.439	69	100460	55.629	ug/l	100
57) 1,3-Dichloropropane	10.719	76	133639	54.713	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	267277	303.389	ug/l	99
59) 2-Hexanone	10.762	43	218746	262.339	ug/l	99
60) Dibromochloromethane	10.908	129	105287	54.526	ug/l	99
61) 1,2-Dibromoethane	11.012	107	71520	53.908	ug/l	98
64) Tetrachloroethene	10.646	164	125497	53.984	ug/l	97
65) Chlorobenzene	11.438	112	296890	50.741	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	108370	52.202	ug/l	99
67) Ethyl Benzene	11.518	91	520526	51.880	ug/l	100
68) m/p-Xylenes	11.627	106	403808	105.103	ug/l	99
69) o-Xylene	11.957	106	186397	52.558	ug/l	99
70) Styrene	11.969	104	322375	54.518	ug/l	98
71) Bromoform	12.133	173	62251	52.570	ug/l #	100
73) Isopropylbenzene	12.255	105	498268	48.846	ug/l	100
74) N-amyl acetate	12.072	43	108842	45.464	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	84300	45.965	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	116255	85.394	ug/l #	100
77) Bromobenzene	12.530	156	118651	48.444	ug/l	98
78) n-propylbenzene	12.597	91	606658	49.467	ug/l	100
79) 2-Chlorotoluene	12.676	91	348037	48.861	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	413765	49.630	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	25222	42.688	ug/l	97
82) 4-Chlorotoluene	12.773	91	365728	49.249	ug/l	100
83) tert-Butylbenzene	12.999	119	367914	49.545	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	416904	50.595	ug/l	99
85) sec-Butylbenzene	13.176	105	544602	50.184	ug/l	100
86) p-Isopropyltoluene	13.292	119	455172	50.748	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	237360	49.190	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	232595	48.787	ug/l	99
89) n-Butylbenzene	13.615	91	409224	49.334	ug/l	99
90) Hexachloroethane	13.877	117	96722	49.210	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	210173	50.035	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13502	47.500	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	116103	50.968	ug/l	99
94) Hexachlorobutadiene	15.023	225	72038	50.636	ug/l	99
95) Naphthalene	15.145	128	197521	52.313	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	99233	51.085	ug/l	99

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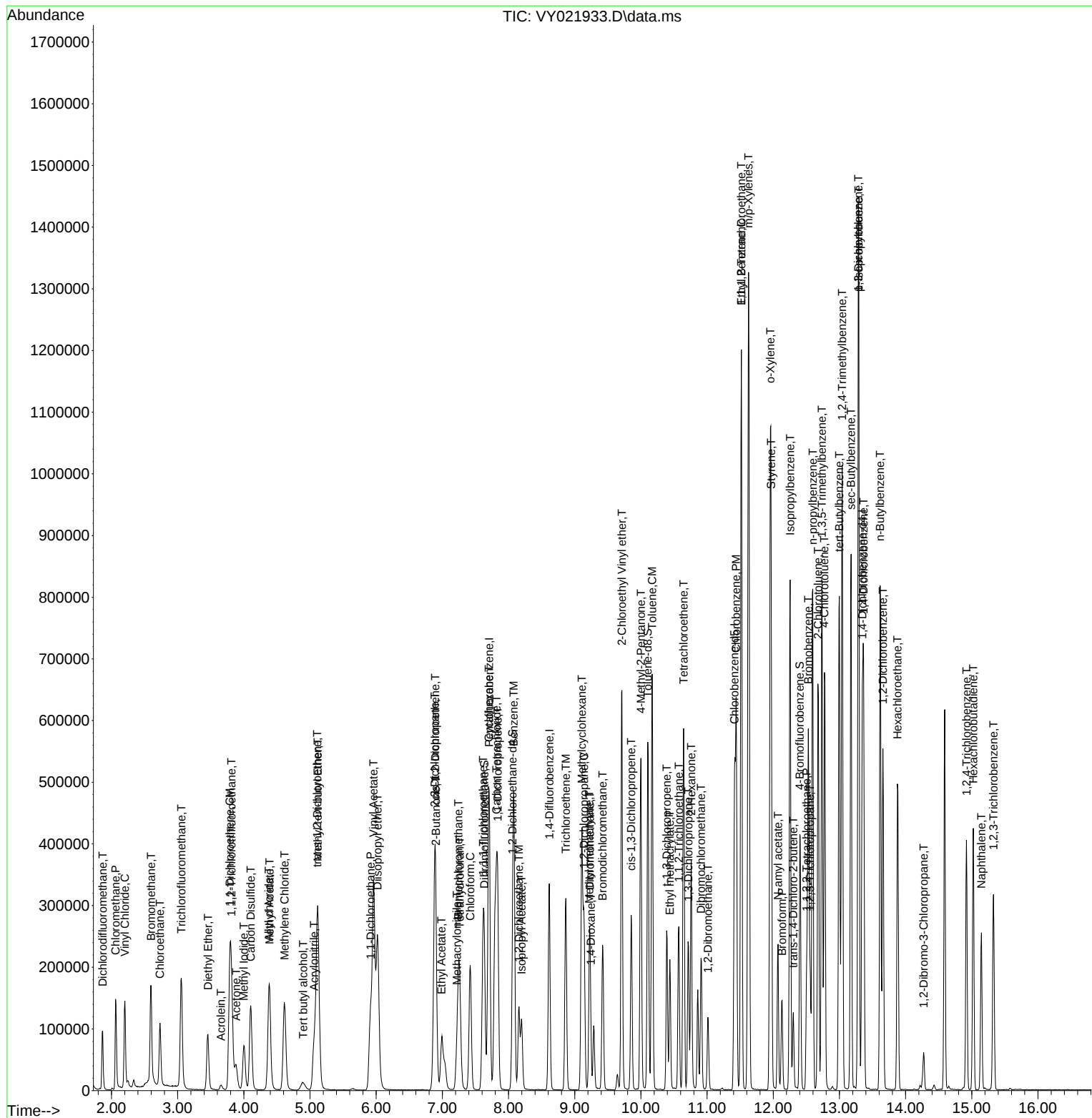
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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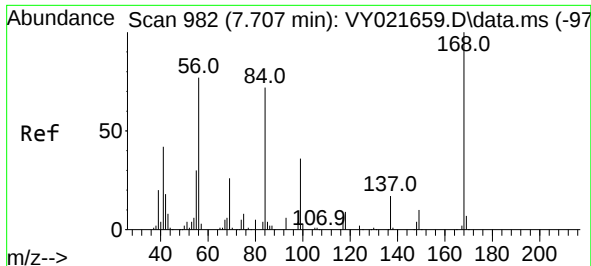
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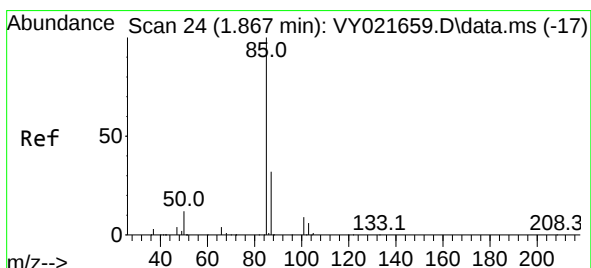
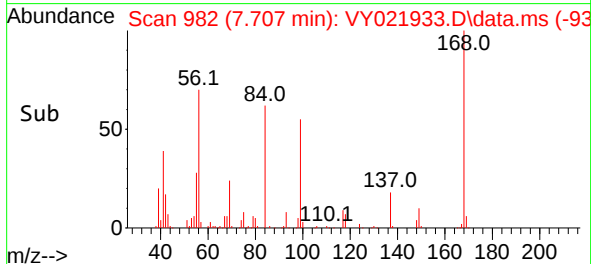
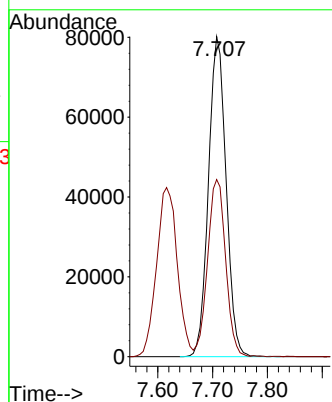
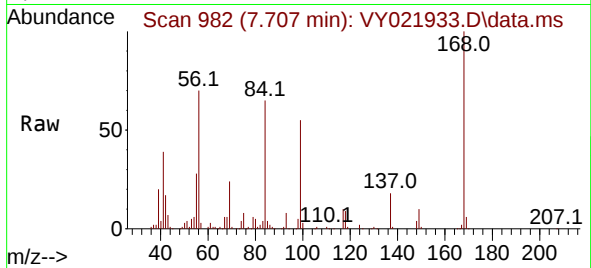




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021933.D
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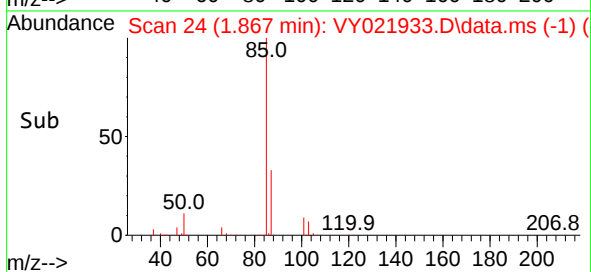
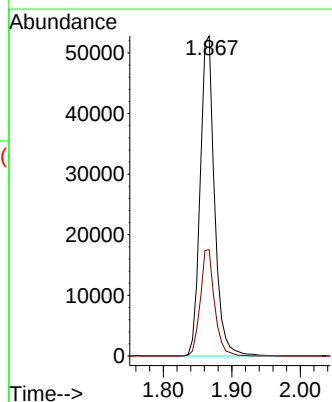
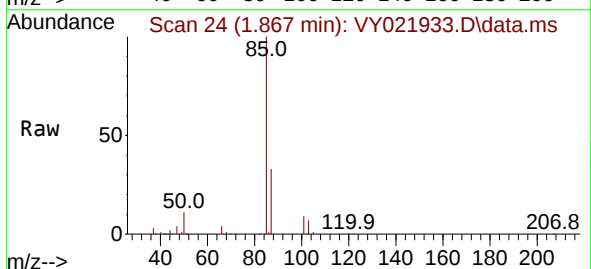
Instrument :
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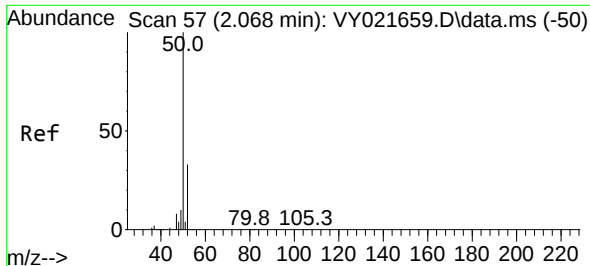
Tgt Ion:168 Resp: 178314
Ion Ratio Lower Upper
168 100
99 55.2 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 41.602 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 85 Resp: 76889
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.6

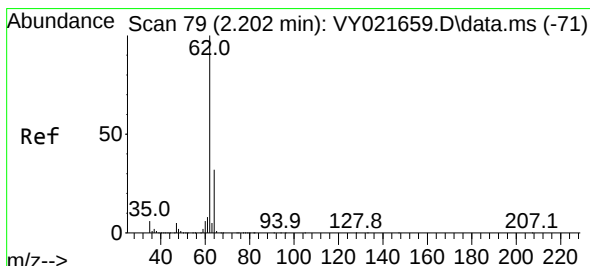
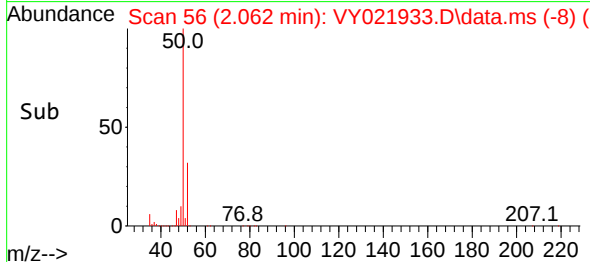
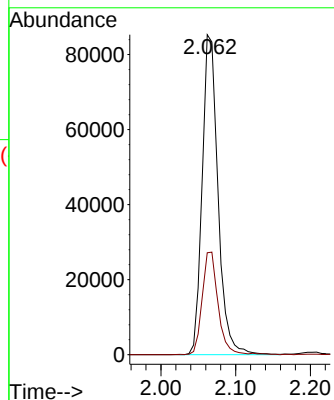
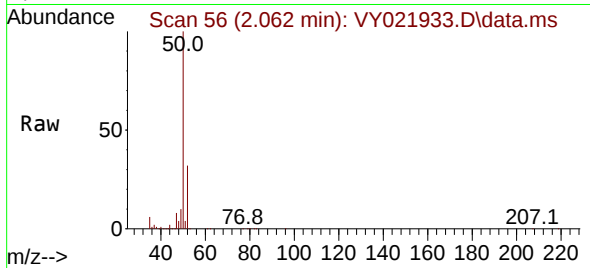




#3
Chloromethane
Concen: 48.316 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

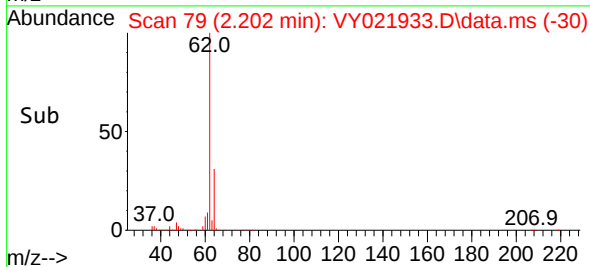
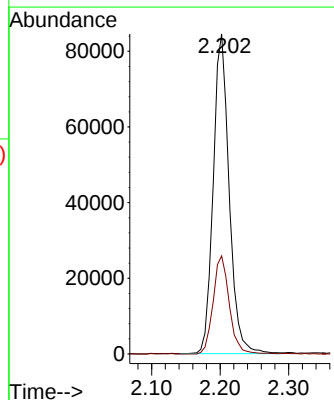
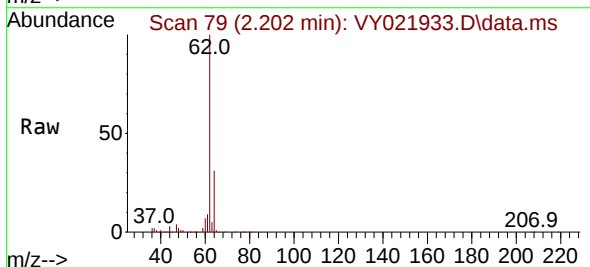
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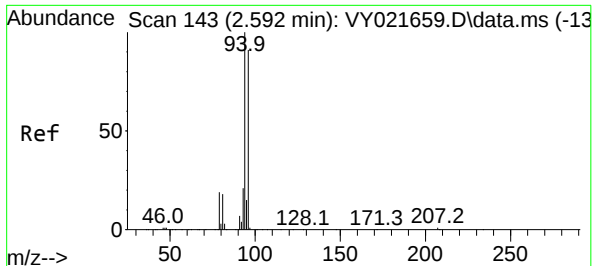
Tgt Ion: 50 Resp: 125564
Ion Ratio Lower Upper
50 100
52 31.9 26.3 39.5



#4
Vinyl Chloride
Concen: 46.473 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 62 Resp: 136584
Ion Ratio Lower Upper
62 100
64 30.7 25.5 38.3

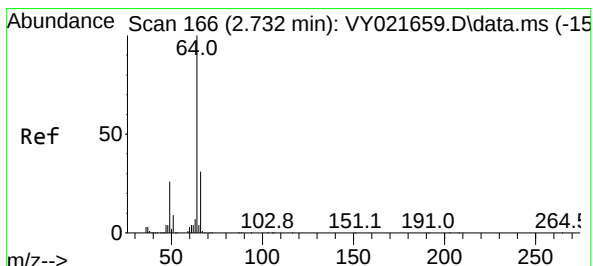
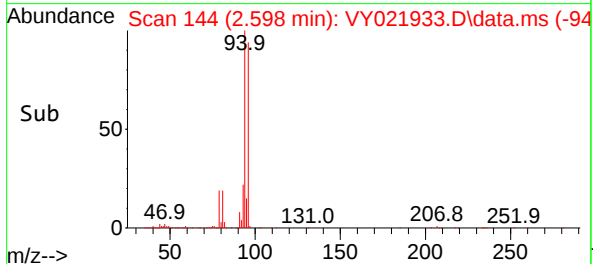
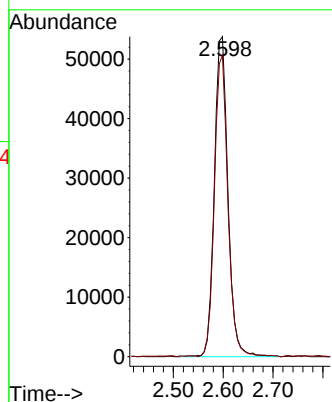
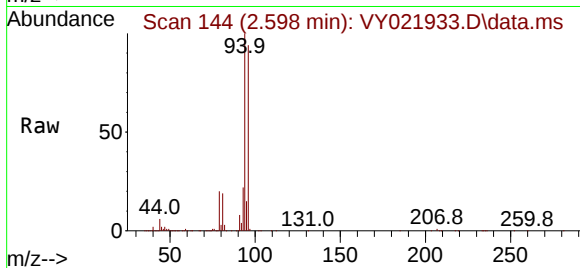




#5
Bromomethane
Concen: 50.876 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

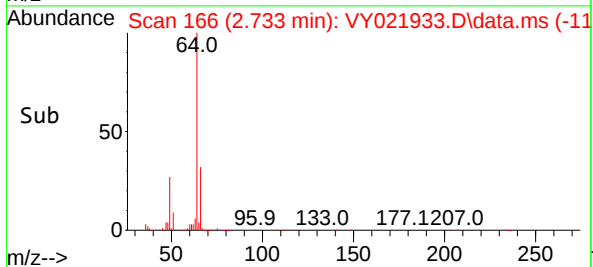
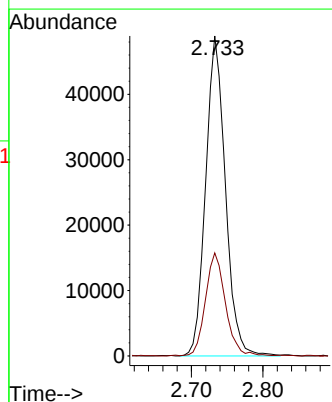
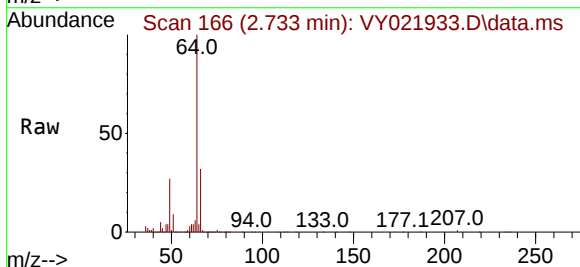
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 101983
Ion Ratio Lower Upper
94 100
96 94.1 72.8 109.2



#6
Chloroethane
Concen: 48.787 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 64 Resp: 93825
Ion Ratio Lower Upper
64 100
66 32.1 24.9 37.3

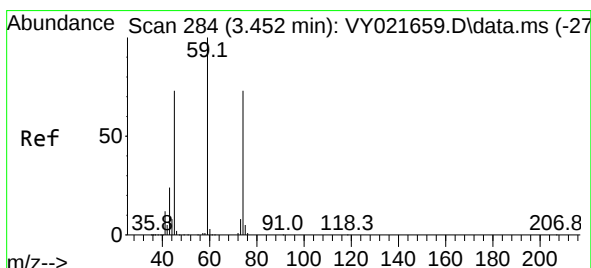
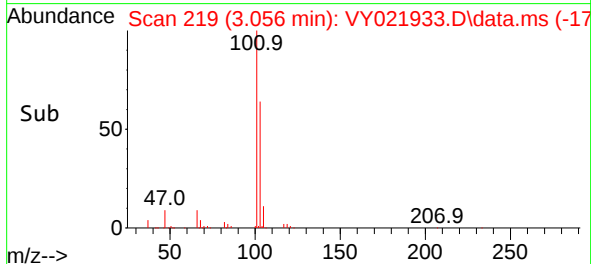
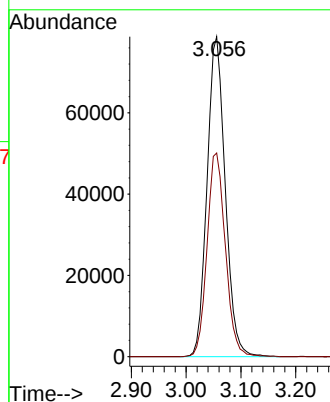
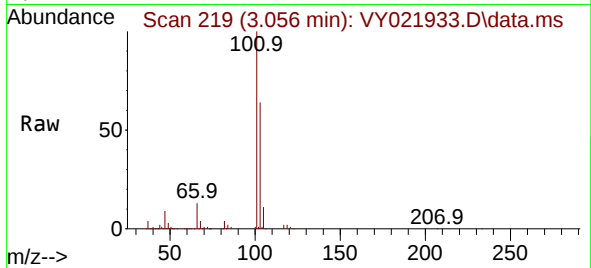




#7
 Trichlorofluoromethane
 Concen: 48.012 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021933.D
 Acq: 18 Apr 2025 16:06

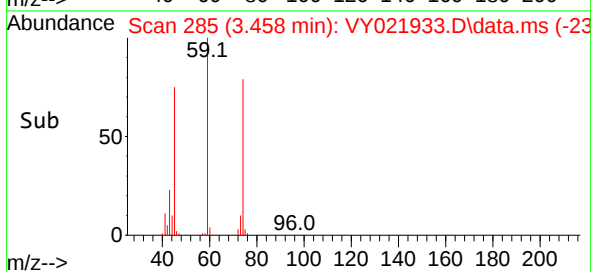
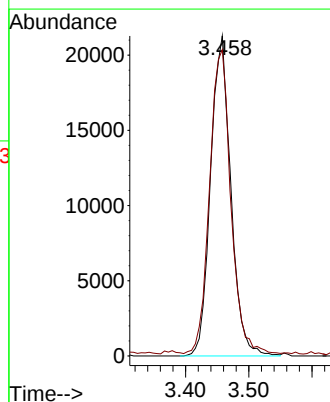
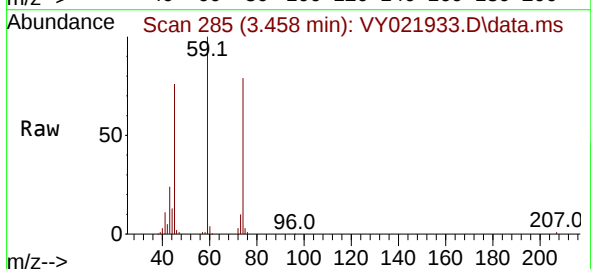
Instrument :
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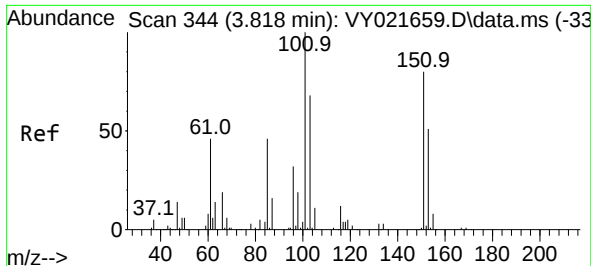
Tgt Ion:101 Resp: 180760
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.1 79.7



#8
 Diethyl Ether
 Concen: 46.326 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021933.D
 Acq: 18 Apr 2025 16:06

Tgt Ion: 74 Resp: 47431
 Ion Ratio Lower Upper
 74 100
 45 99.4 48.6 145.8

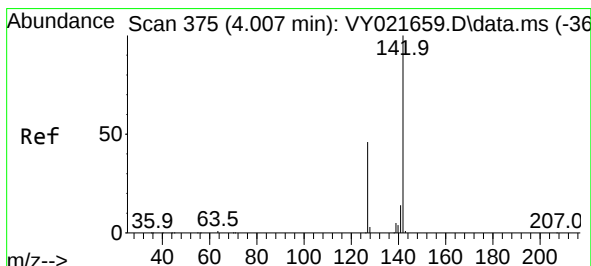
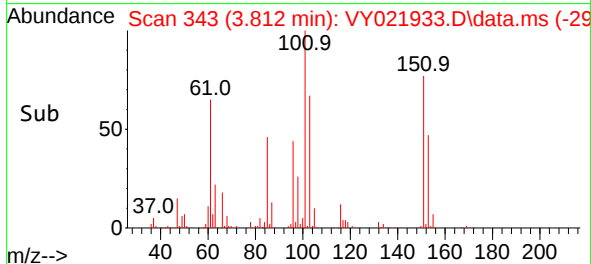
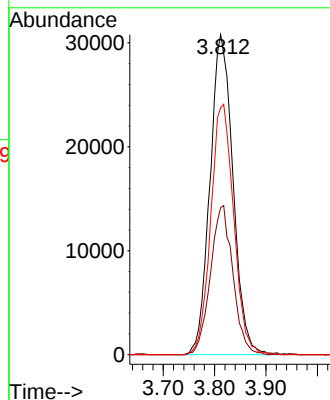
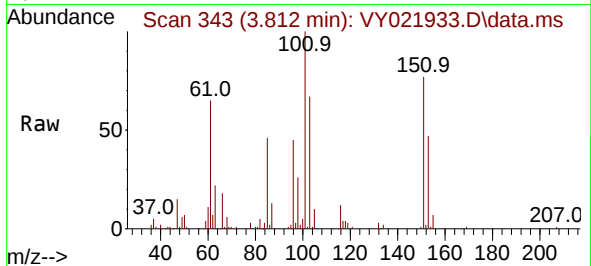




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.201 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

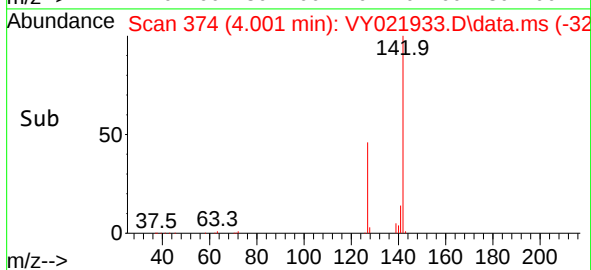
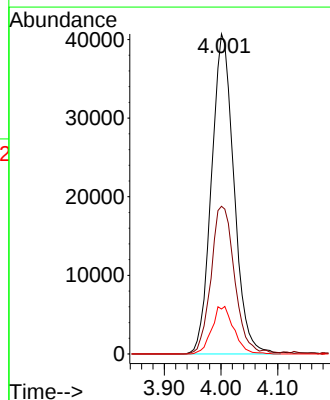
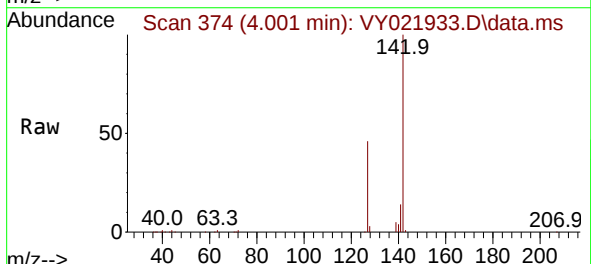
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 95712
Ion Ratio Lower Upper
101 100
85 45.4 36.3 54.5
151 78.2 61.3 91.9



#10
Methyl Iodide
Concen: 51.392 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion:142 Resp: 111954
Ion Ratio Lower Upper
142 100
127 48.7 38.7 58.1
141 14.6 11.5 17.3

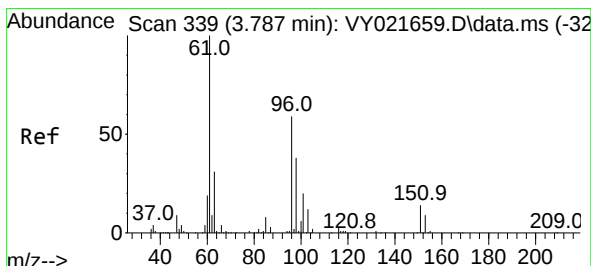
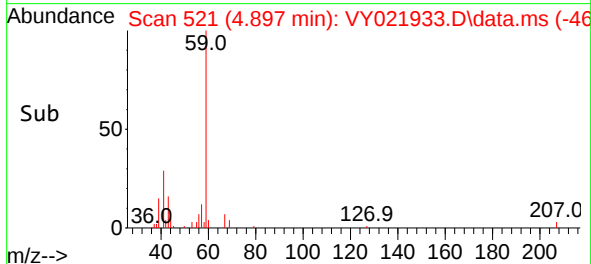
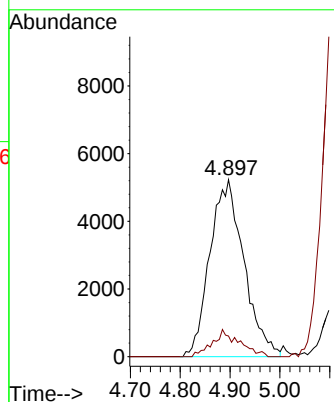
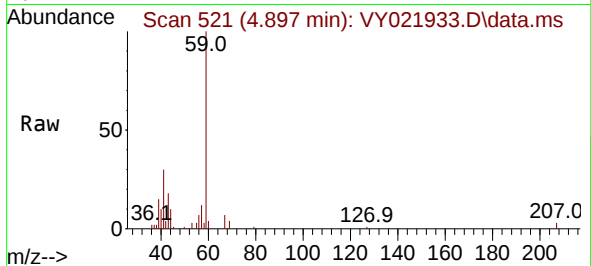




#11
Tert butyl alcohol
Concen: 197.446 ug/l
RT: 4.897 min Scan# 515
Delta R.T. 0.037 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

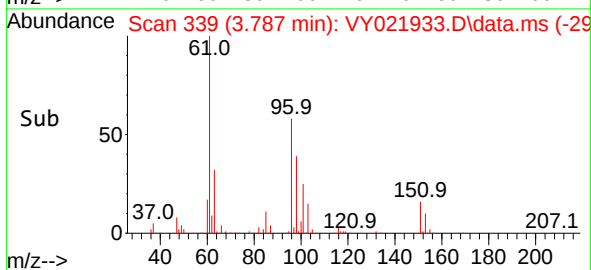
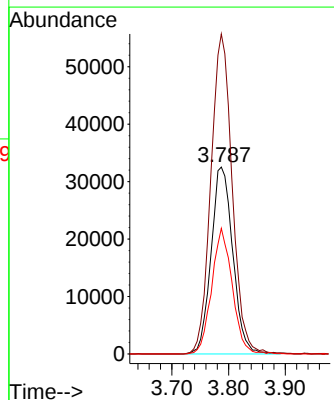
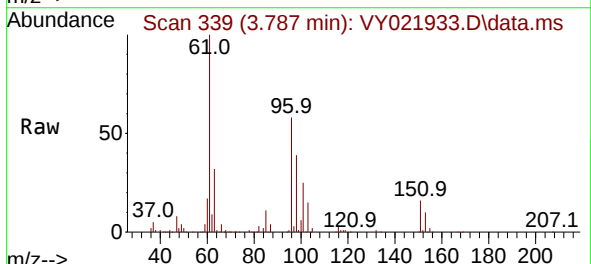
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

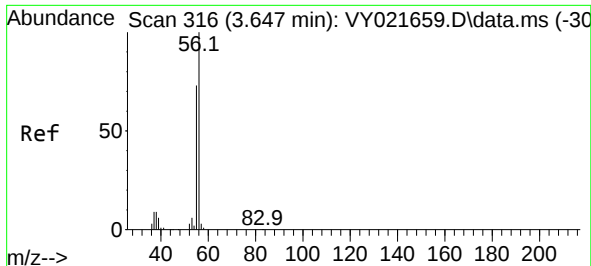
Tgt Ion: 59 Resp: 24777
Ion Ratio Lower Upper
59 100
57 12.1 9.2 13.8



#12
1,1-Dichloroethene
Concen: 46.318 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 96 Resp: 86631
Ion Ratio Lower Upper
96 100
61 171.3 136.6 204.8
98 67.2 52.3 78.5





#13

Acrolein

Concen: 38.480 ug/l

RT: 3.653 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

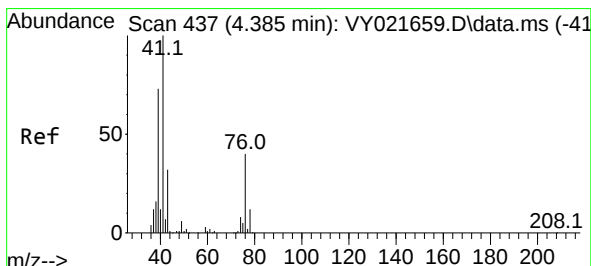
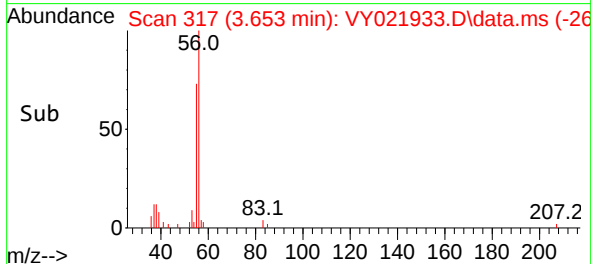
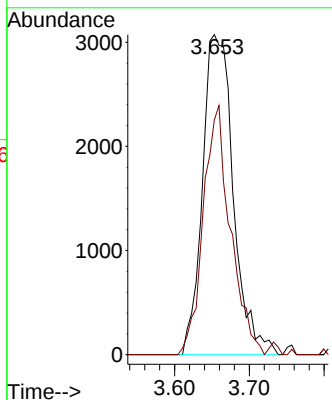
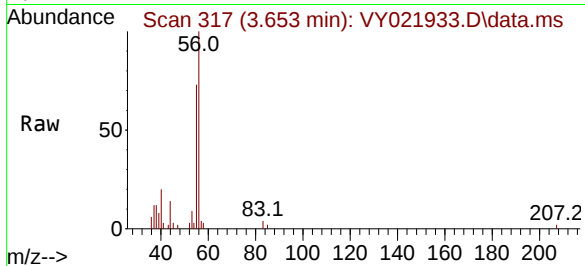
VSTDCCC050EC

Tgt Ion: 56 Resp: 8817

Ion Ratio Lower Upper

56 100

55 68.7 56.6 85.0



#14

Allyl chloride

Concen: 47.513 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

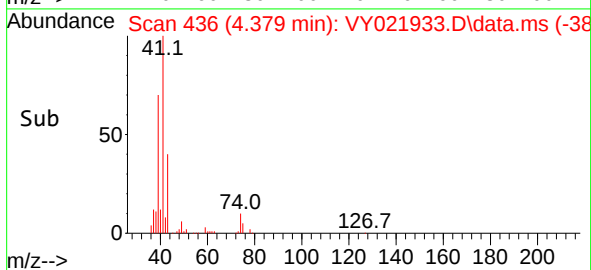
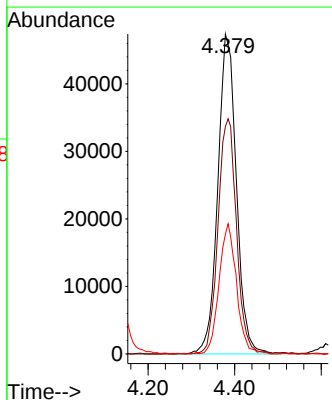
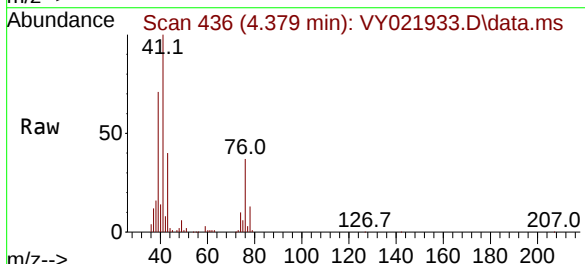
Tgt Ion: 41 Resp: 141687

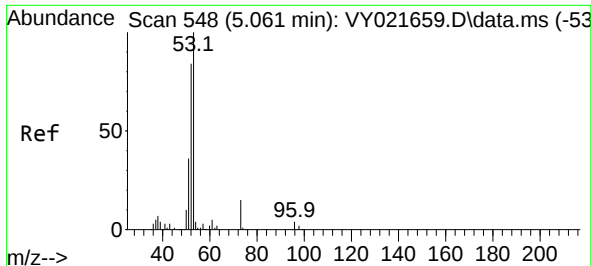
Ion Ratio Lower Upper

41 100

39 73.2 58.6 88.0

76 38.2 30.3 45.5

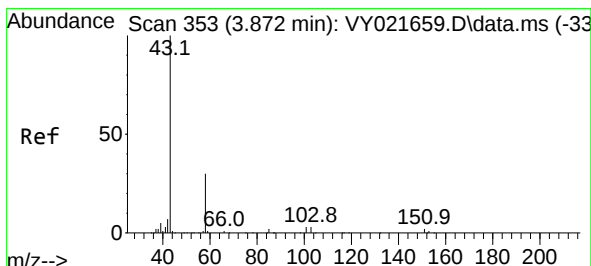
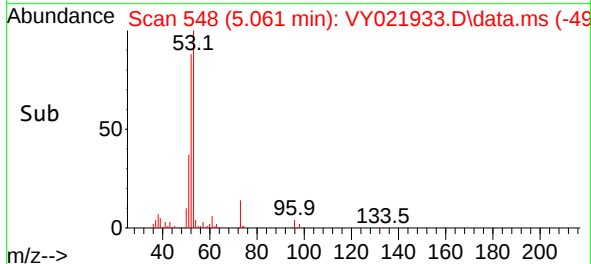
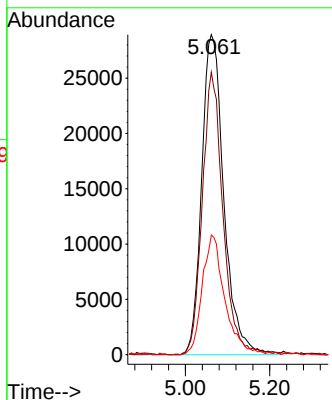
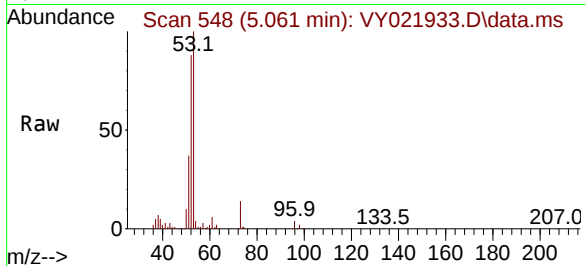




#15
Acrylonitrile
Concen: 247.500 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

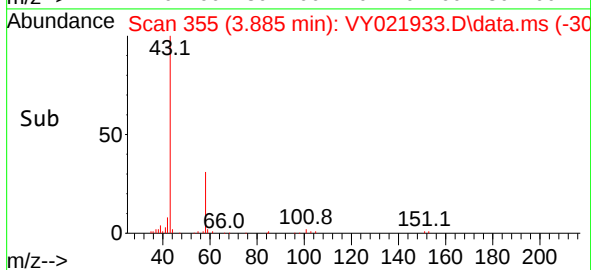
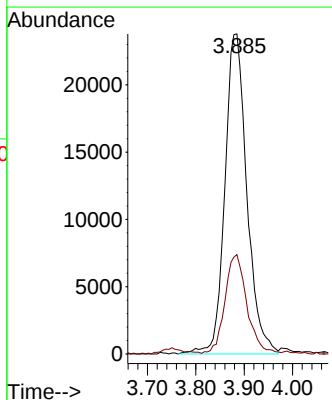
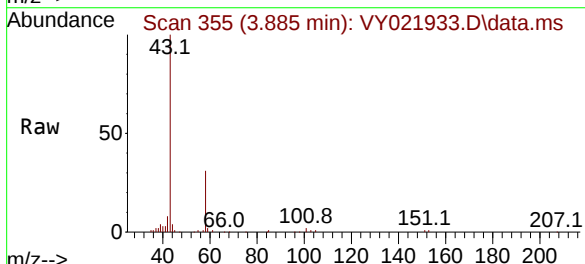
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

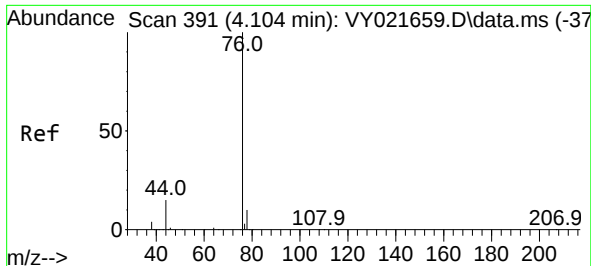
Tgt Ion: 53 Resp: 105805
Ion Ratio Lower Upper
53 100
52 82.2 64.9 97.3
51 37.8 30.2 45.2



#16
Acetone
Concen: 190.447 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 43 Resp: 75303
Ion Ratio Lower Upper
43 100
58 30.4 24.2 36.4

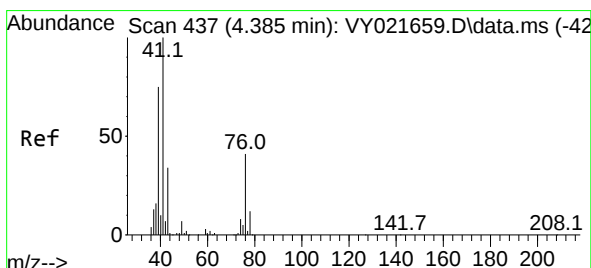
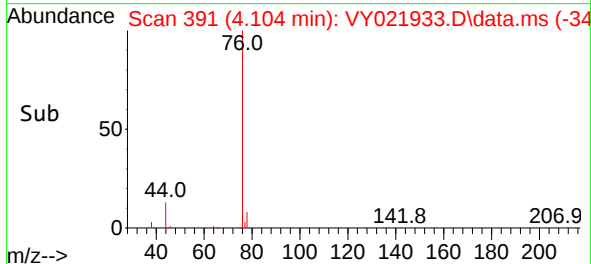
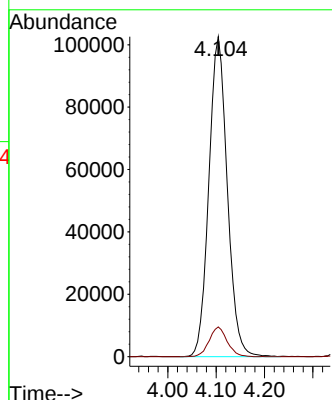
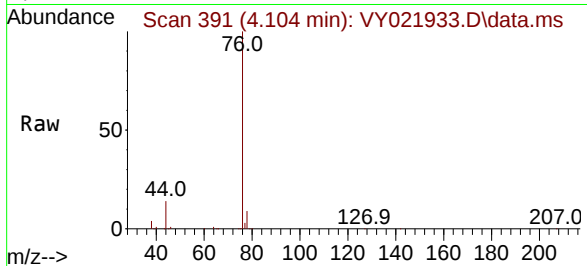




#17
Carbon Disulfide
Concen: 44.138 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

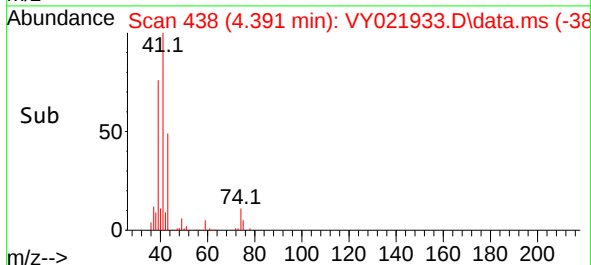
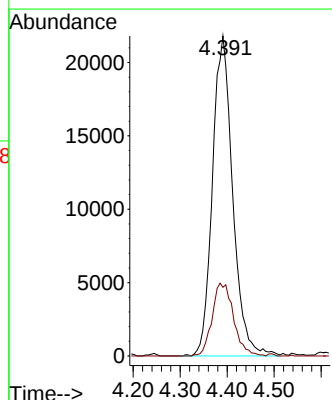
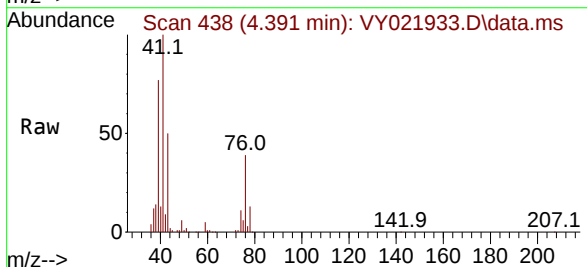
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 271907
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 66.612 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 43 Resp: 65277
Ion Ratio Lower Upper
43 100
74 24.0 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 49.417 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

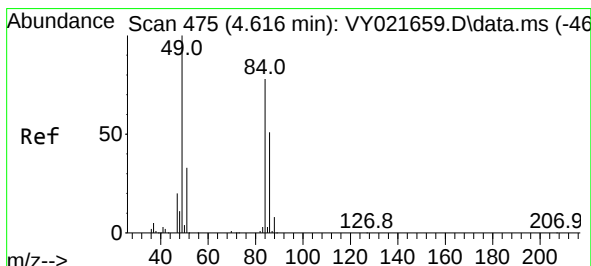
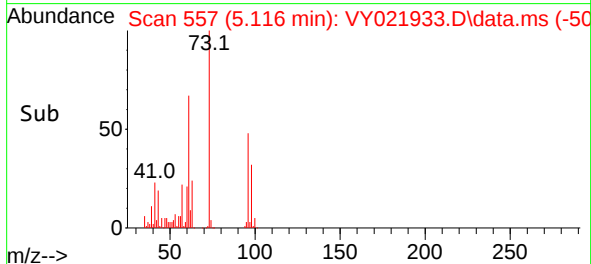
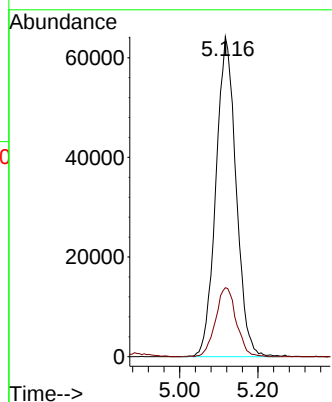
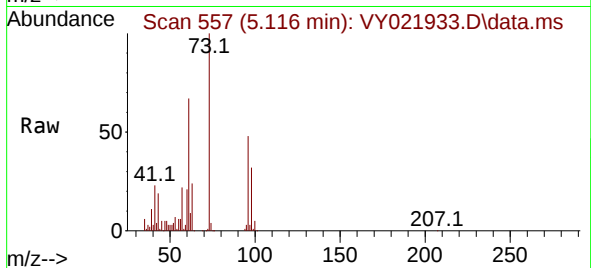
VSTDCCC050EC

Tgt Ion: 73 Resp: 230114

Ion Ratio Lower Upper

73 100

57 21.5 18.1 27.1



#20

Methylene Chloride

Concen: 52.789 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Tgt Ion: 84 Resp: 101720

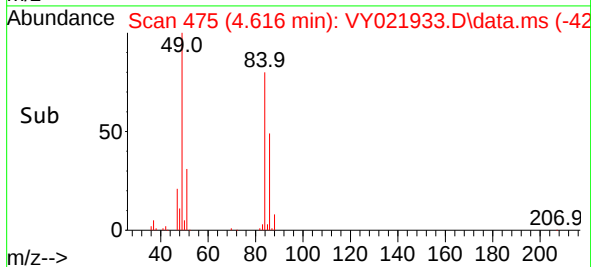
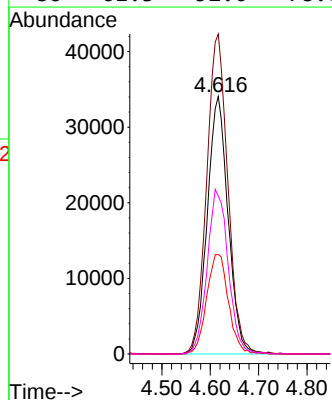
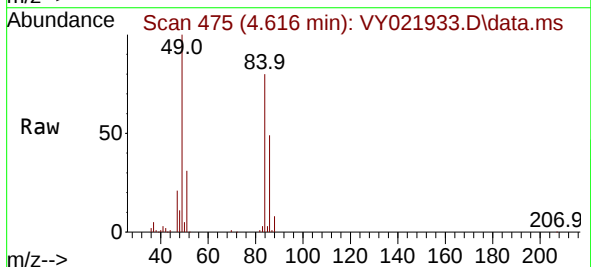
Ion Ratio Lower Upper

84 100

49 124.3 102.8 154.2

51 38.6 33.5 50.3

86 61.3 52.0 78.0

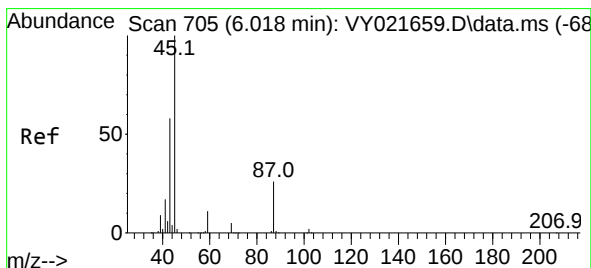
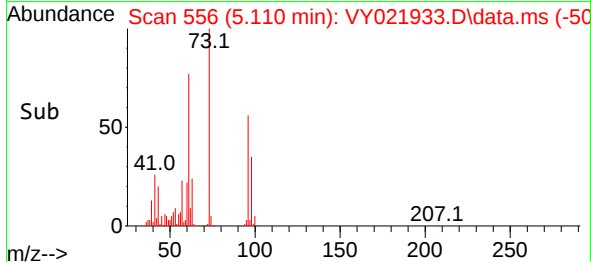
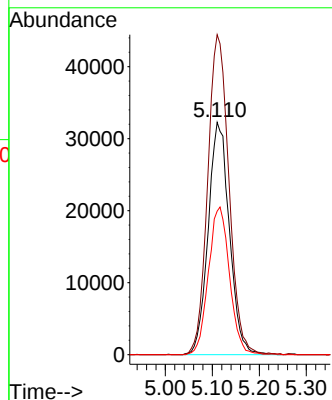
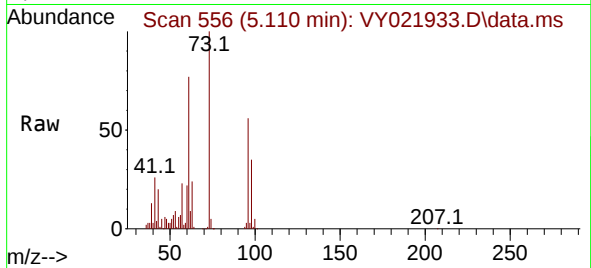




#21
trans-1,2-Dichloroethene
Concen: 49.181 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

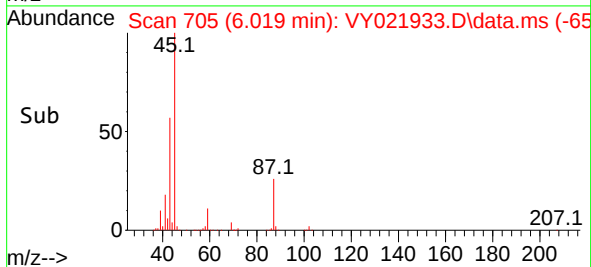
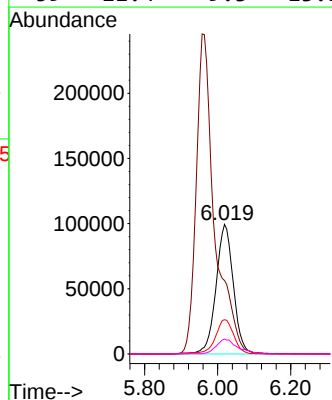
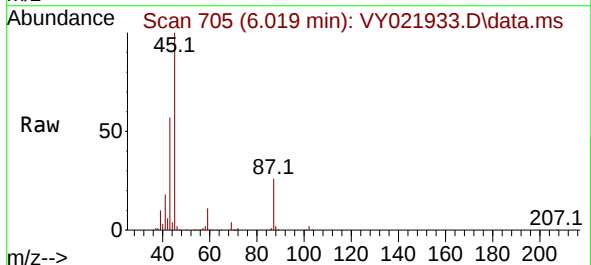
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

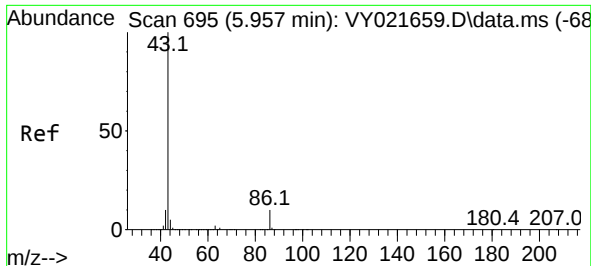
Tgt Ion: 96 Resp: 101279
Ion Ratio Lower Upper
96 100
61 137.7 109.4 164.0
98 61.8 50.2 75.2



#22
Diisopropyl ether
Concen: 52.252 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 45 Resp: 326873
Ion Ratio Lower Upper
45 100
43 56.5 46.6 69.8
87 26.4 20.7 31.1
59 11.4 9.3 13.9

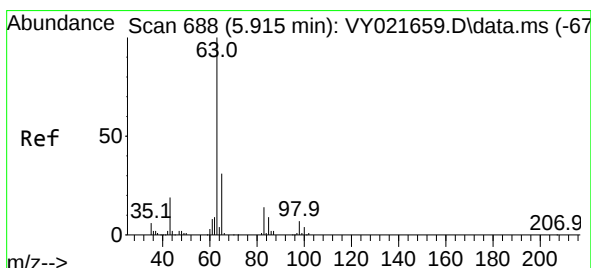
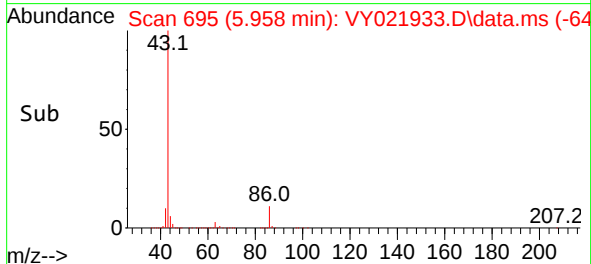
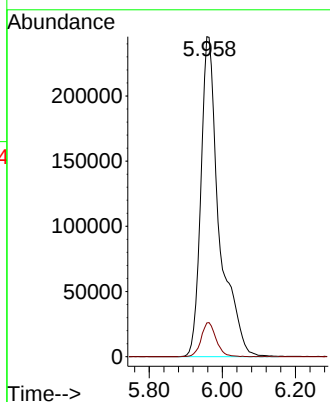
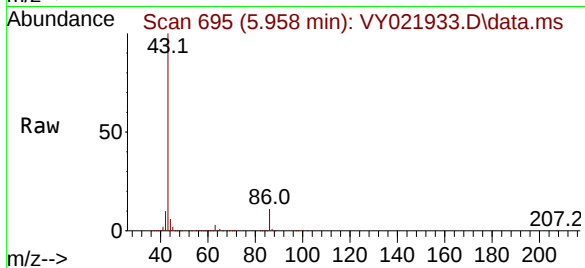




#23
 Vinyl Acetate
 Concen: 234.715 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021933.D
 Acq: 18 Apr 2025 16:06

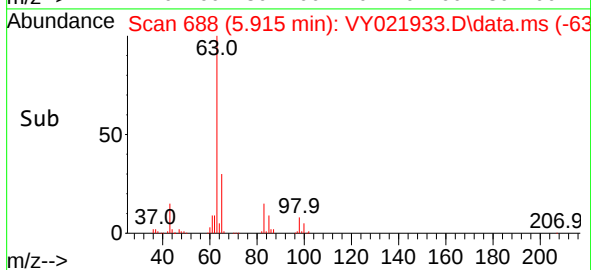
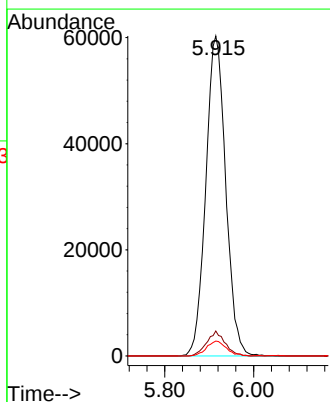
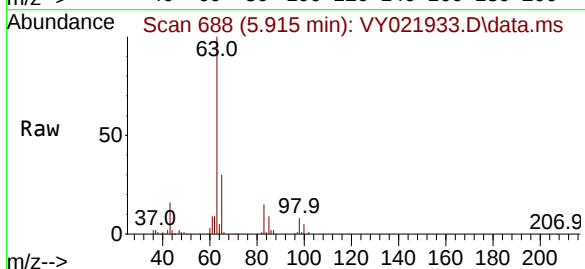
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

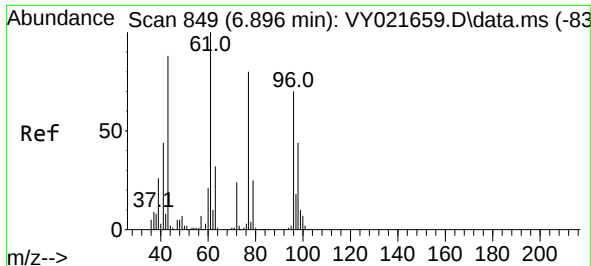
Tgt Ion: 43 Resp: 858961
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 50.155 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021933.D
 Acq: 18 Apr 2025 16:06

Tgt Ion: 63 Resp: 187607
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.5
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 230.677 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

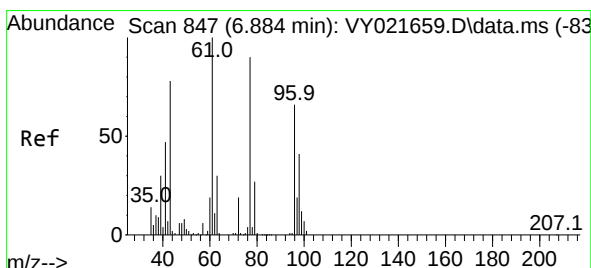
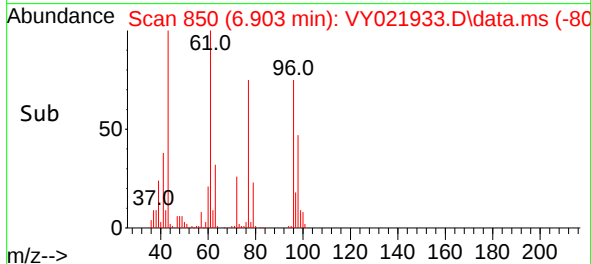
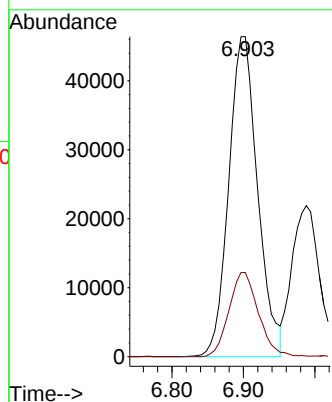
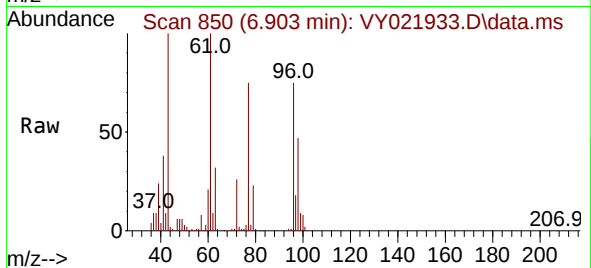
VSTDCCC050EC

Tgt Ion: 43 Resp: 130276

Ion Ratio Lower Upper

43 100

72 26.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 45.803 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021933.D

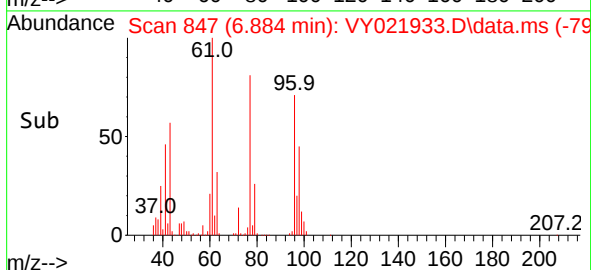
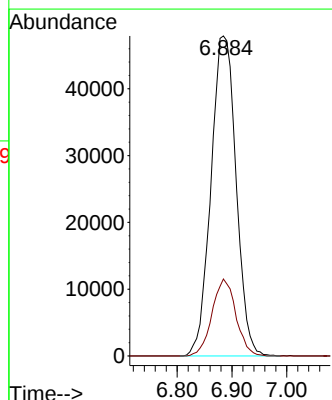
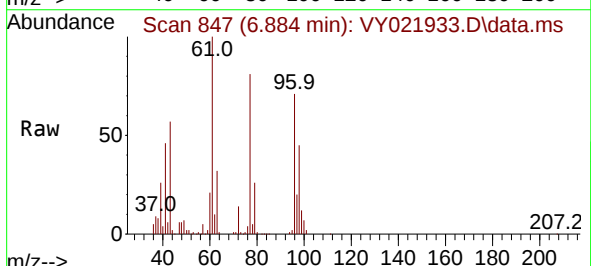
Acq: 18 Apr 2025 16:06

Tgt Ion: 77 Resp: 152403

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.1

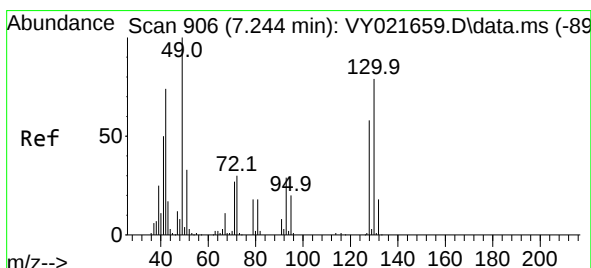
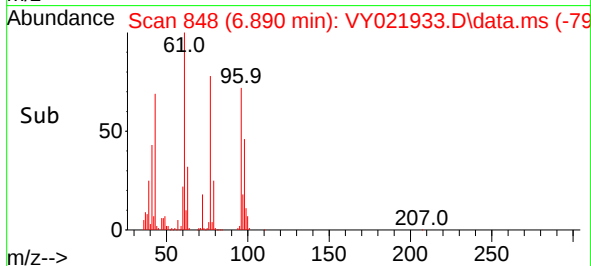
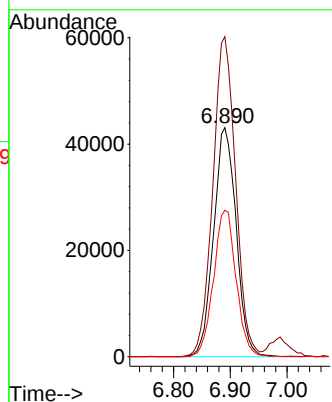
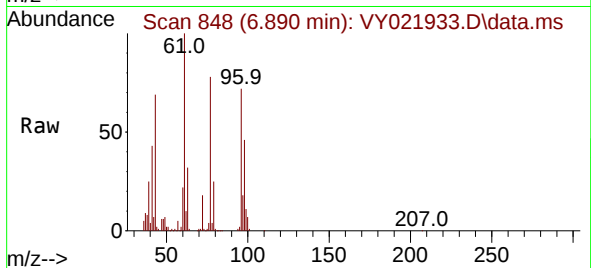




#27
 cis-1,2-Dichloroethene
 Concen: 51.529 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY021933.D
 Acq: 18 Apr 2025 16:06

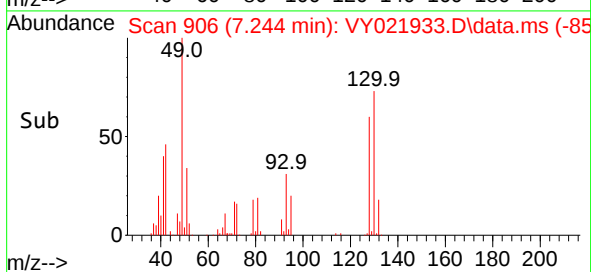
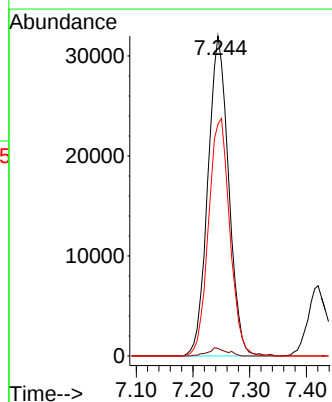
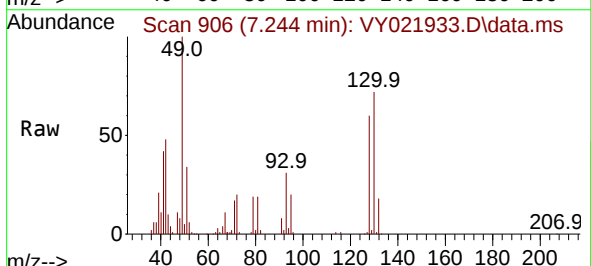
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

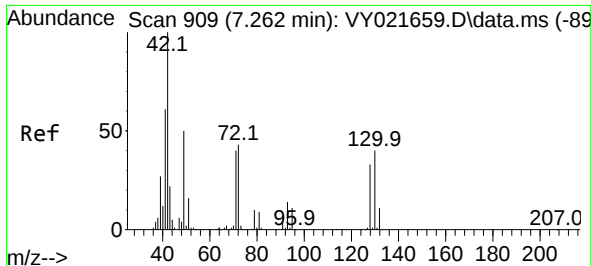
Tgt Ion: 96 Resp: 119333
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 296.4
 98 63.8 0.0 128.0



#28
 Bromochloromethane
 Concen: 51.493 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021933.D
 Acq: 18 Apr 2025 16:06

Tgt Ion: 49 Resp: 81233
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 76.0 60.1 90.1





#29

Tetrahydrofuran

Concen: 239.621 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

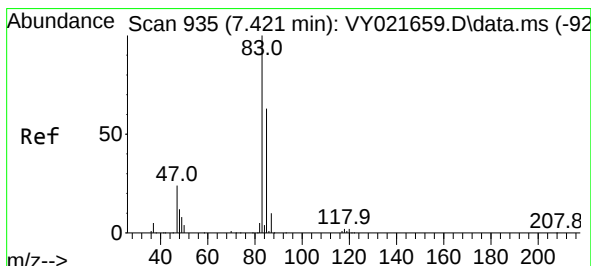
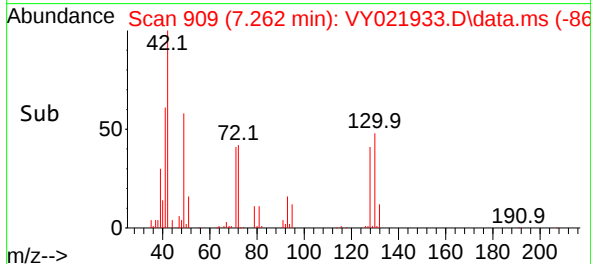
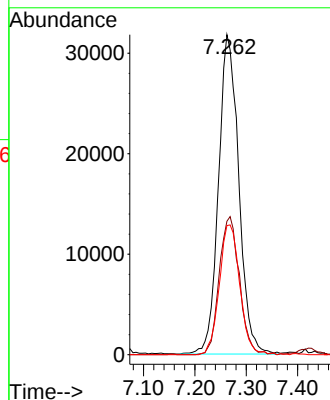
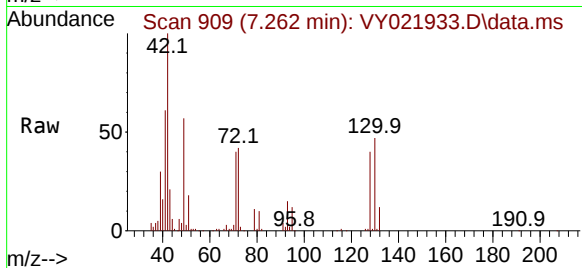
Tgt Ion: 42 Resp: 87095

Ion Ratio Lower Upper

42 100

72 43.0 34.6 52.0

71 40.9 32.5 48.7



#30

Chloroform

Concen: 51.198 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021933.D

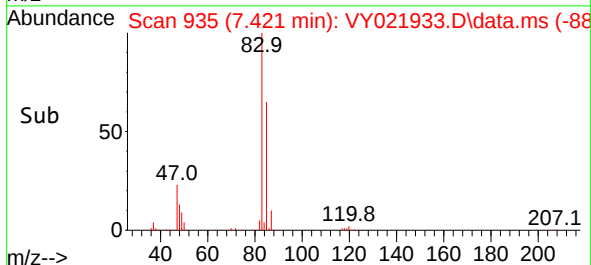
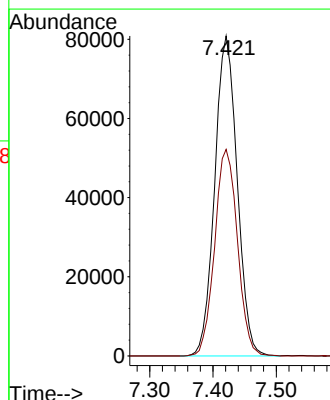
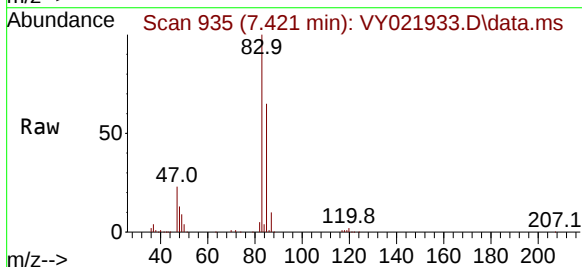
Acq: 18 Apr 2025 16:06

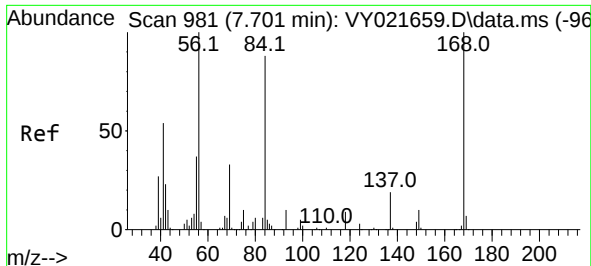
Tgt Ion: 83 Resp: 199190

Ion Ratio Lower Upper

83 100

85 64.5 50.6 75.8

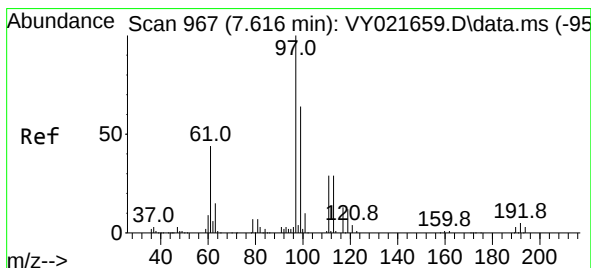
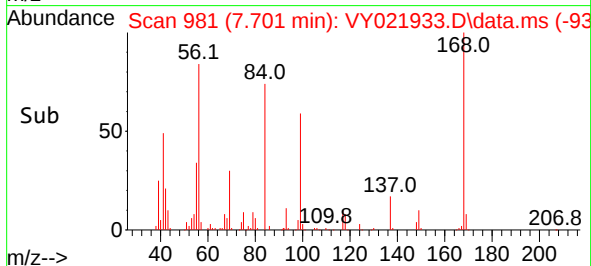
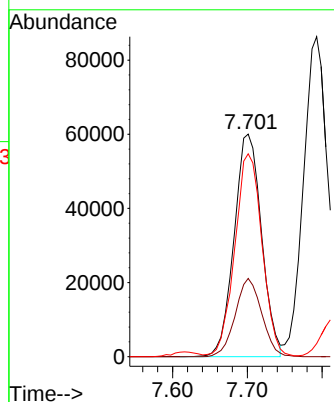
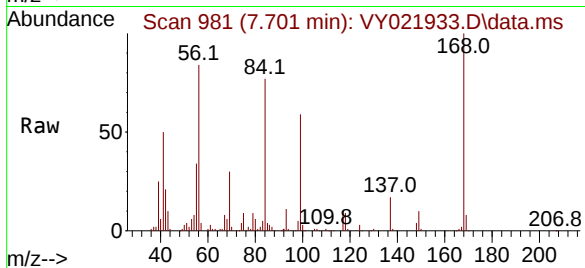




#31
Cyclohexane
Concen: 44.821 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

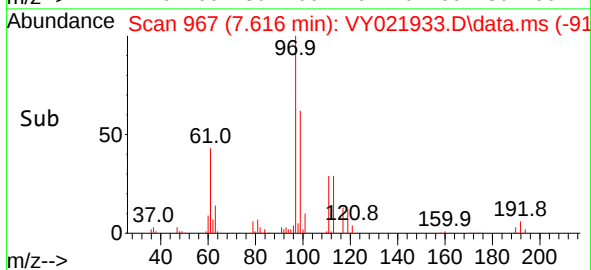
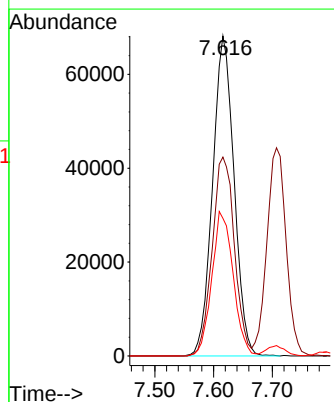
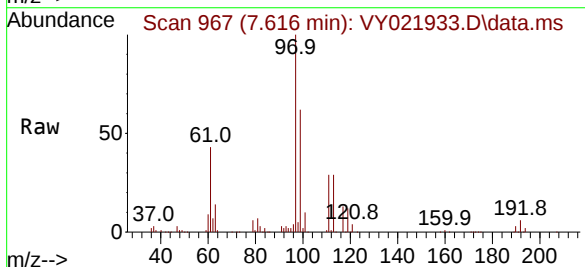
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

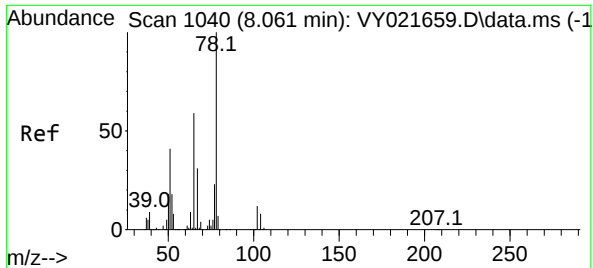
Tgt Ion: 56 Resp: 152832
Ion Ratio Lower Upper
56 100
69 35.2 26.6 40.0
84 89.1 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 49.148 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 97 Resp: 172823
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 45.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.199 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

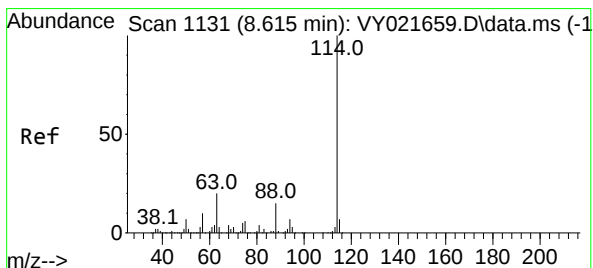
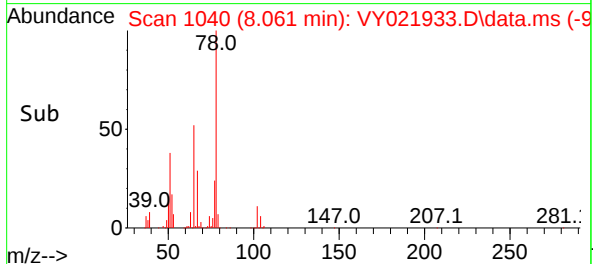
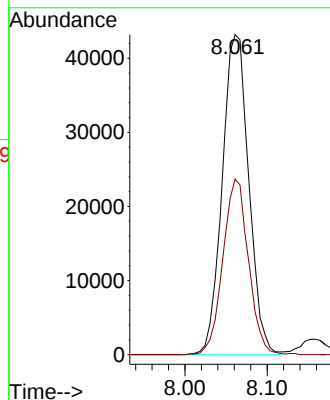
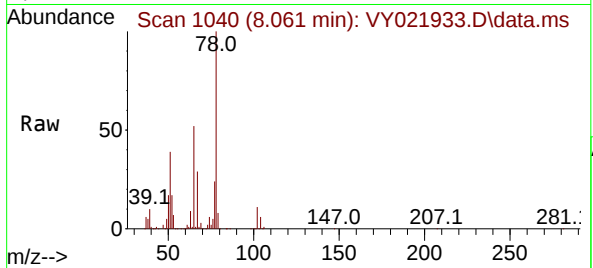
VSTDCCC050EC

Tgt Ion: 65 Resp: 96983

Ion Ratio Lower Upper

65 100

67 52.8 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: VY021933.D

Acq: 18 Apr 2025 16:06

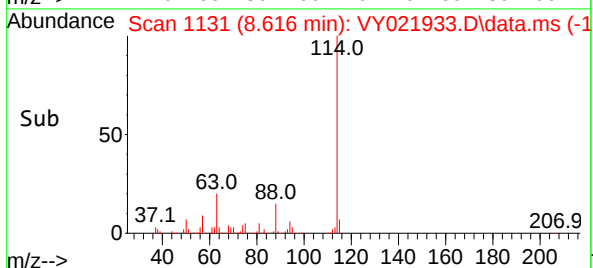
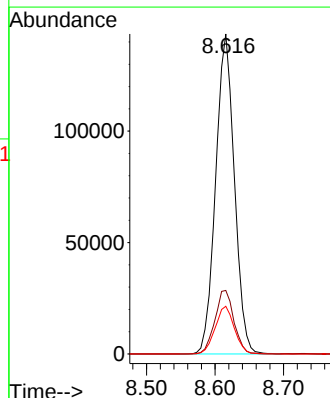
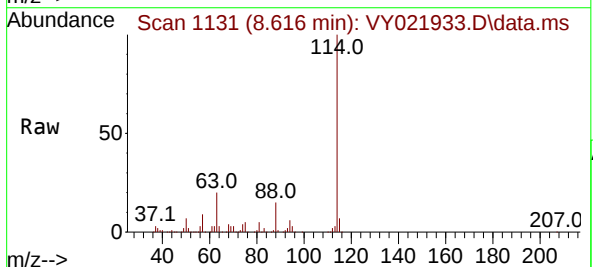
Tgt Ion: 114 Resp: 272261

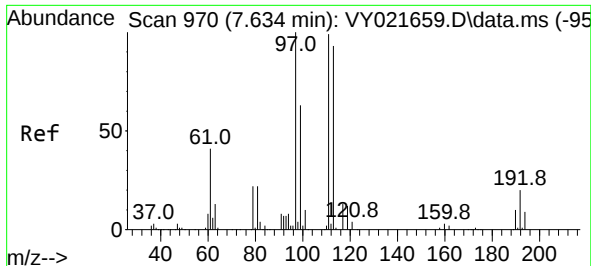
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 14.9 0.0 29.8

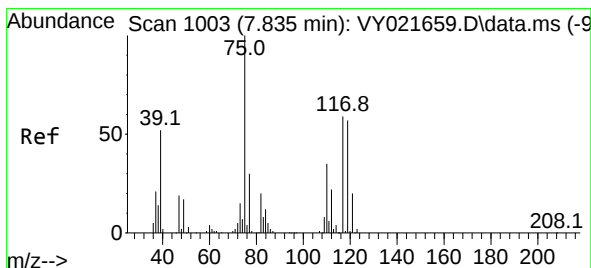
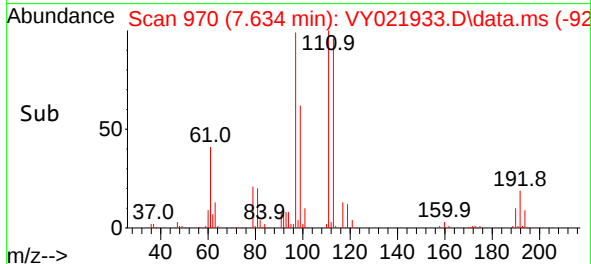
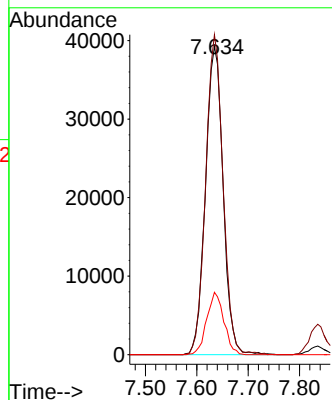
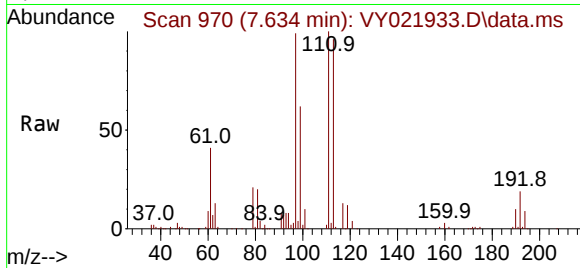




#35
Dibromofluoromethane
Concen: 52.955 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

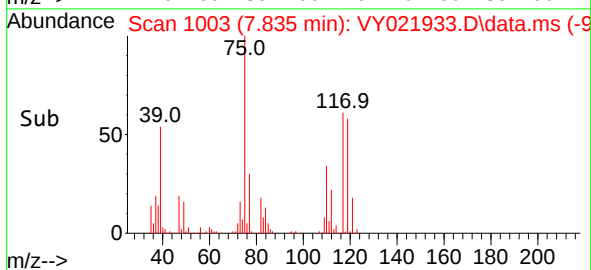
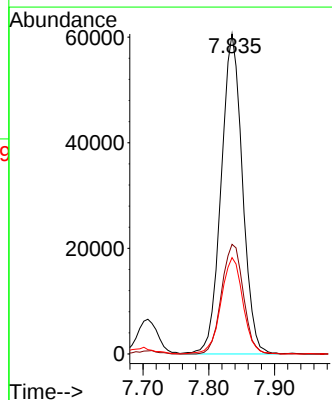
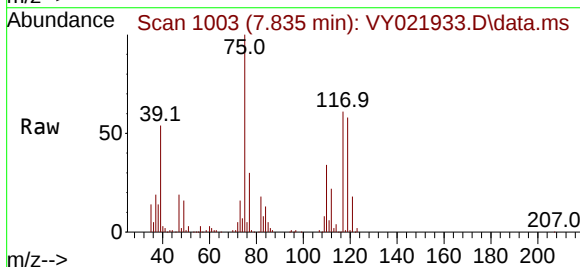
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

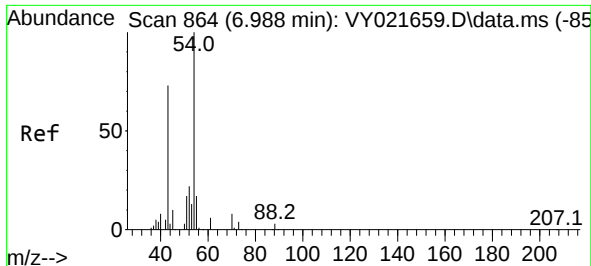
Tgt Ion:113 Resp: 93524
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 19.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 50.687 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 75 Resp: 136351
Ion Ratio Lower Upper
75 100
110 35.2 17.0 50.9
77 31.2 24.8 37.2

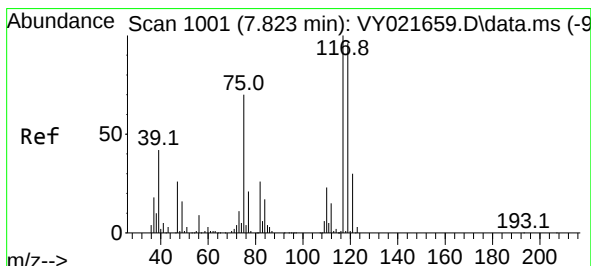
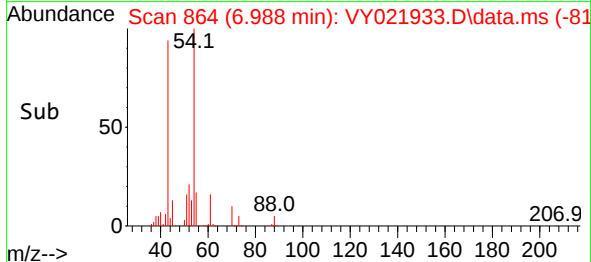
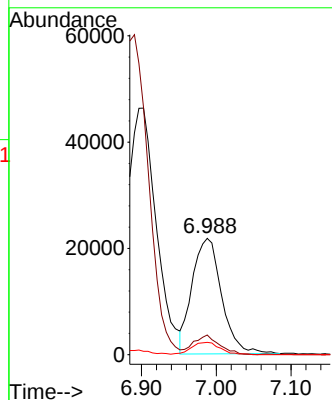
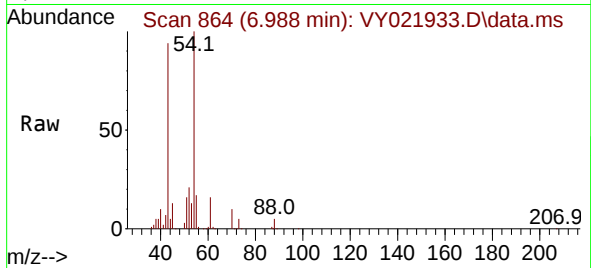




#37
Ethyl Acetate
Concen: 46.841 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

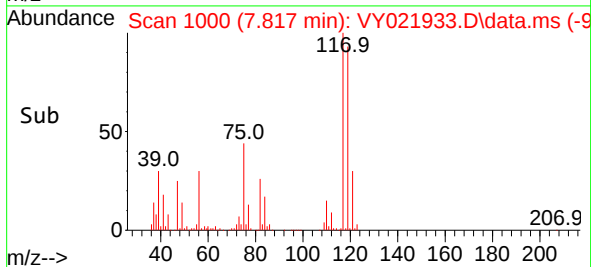
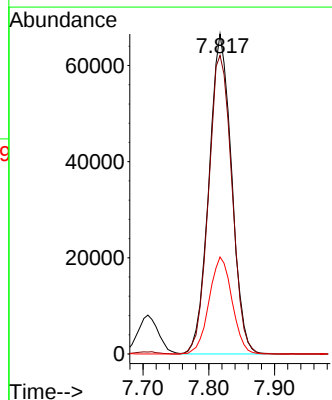
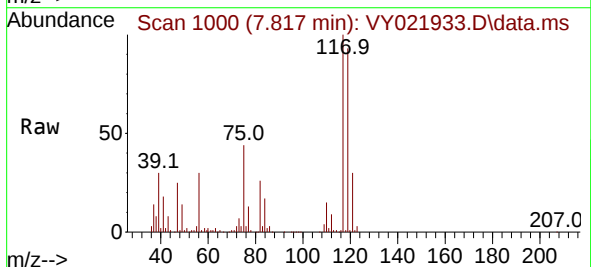
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

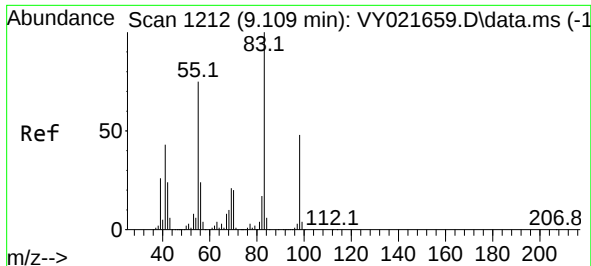
Tgt Ion: 43 Resp: 59467
Ion Ratio Lower Upper
43 100
61 15.1 11.0 16.6
70 10.5 8.1 12.1



#38
Carbon Tetrachloride
Concen: 51.838 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 117 Resp: 159715
Ion Ratio Lower Upper
117 100
119 93.3 76.2 114.4
121 30.3 24.2 36.4





#39

Methylcyclohexane

Concen: 49.863 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

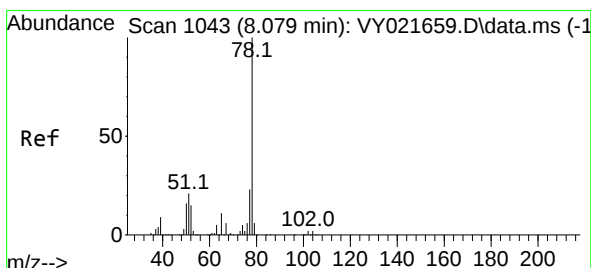
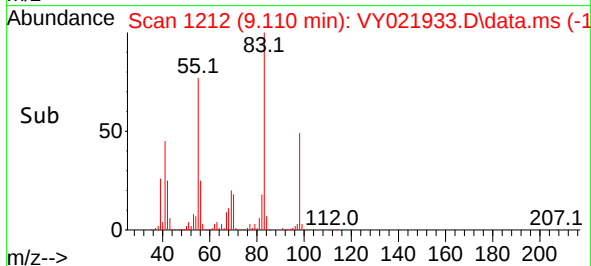
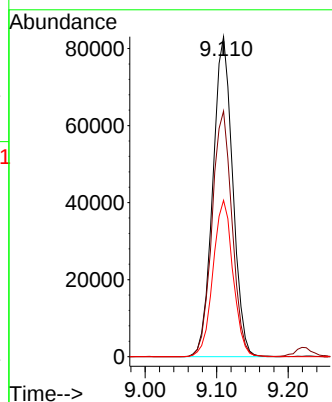
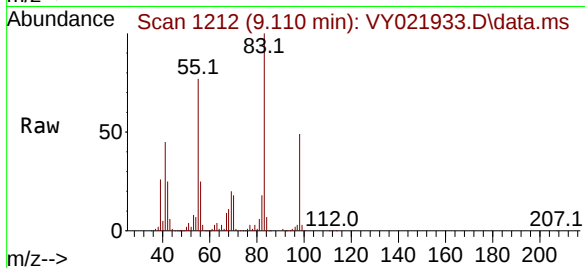
Tgt Ion: 83 Resp: 160239

Ion Ratio Lower Upper

83 100

55 76.7 59.7 89.5

98 48.9 38.3 57.5



#40

Benzene

Concen: 52.678 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021933.D

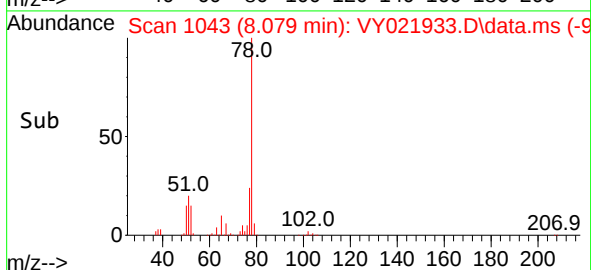
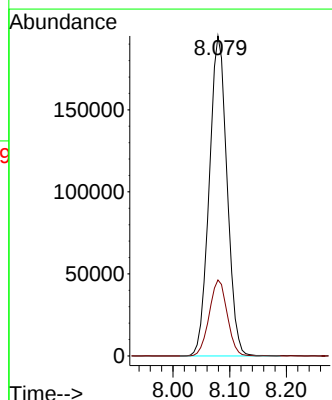
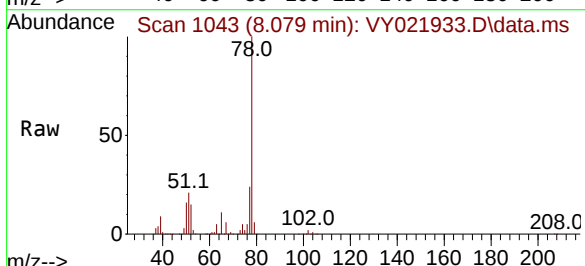
Acq: 18 Apr 2025 16:06

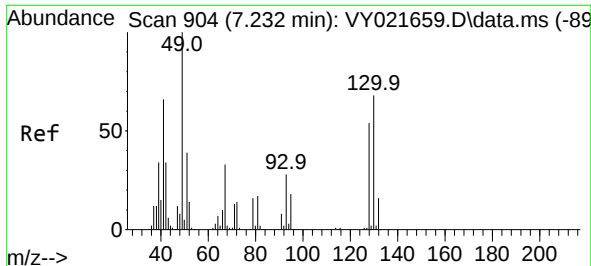
Tgt Ion: 78 Resp: 424377

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2

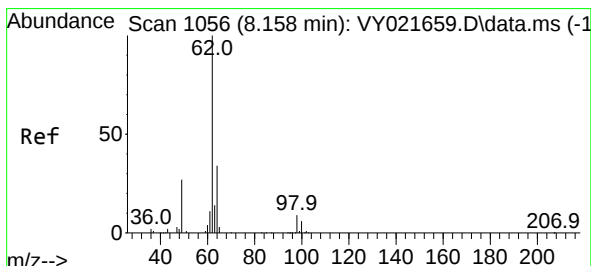
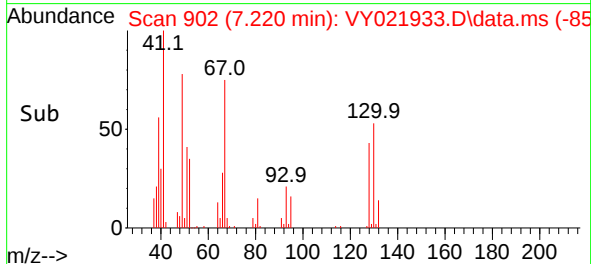
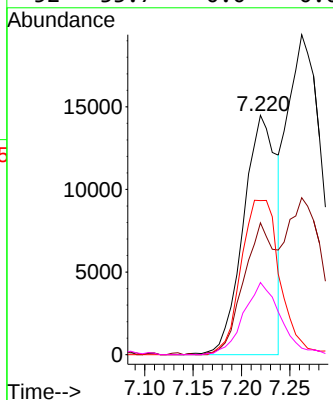
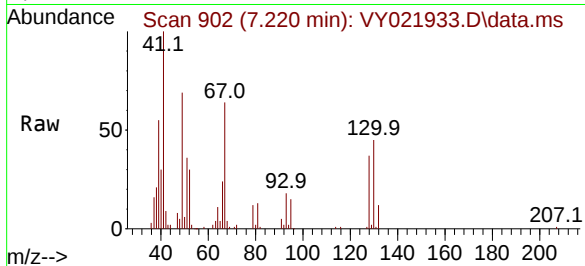




#41
Methacrylonitrile
Concen: 51.309 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

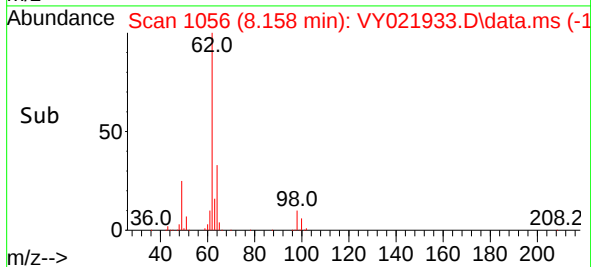
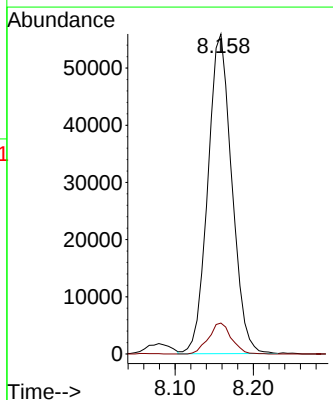
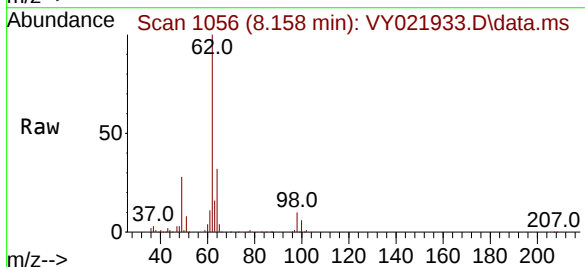
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

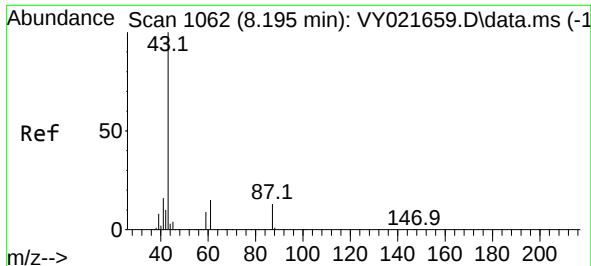
Tgt Ion: 41 Resp: 34594
Ion Ratio Lower Upper
41 100
39 53.4 0.0 0.0#
67 76.0 0.0 0.0#
52 33.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 52.382 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 62 Resp: 118967
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4

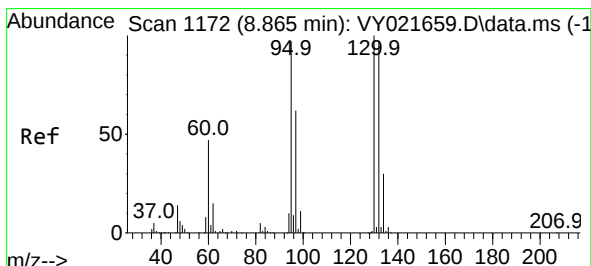
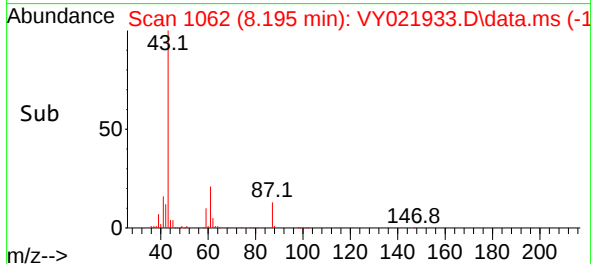
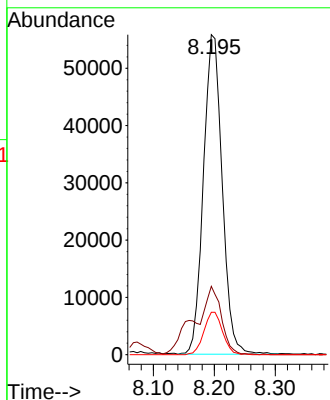
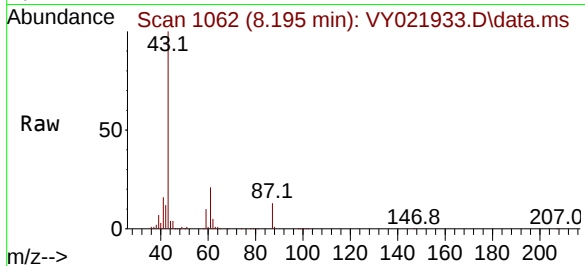




#43
Isopropyl Acetate
Concen: 49.722 ug/l
RT: 8.195 min Scan# 119626
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

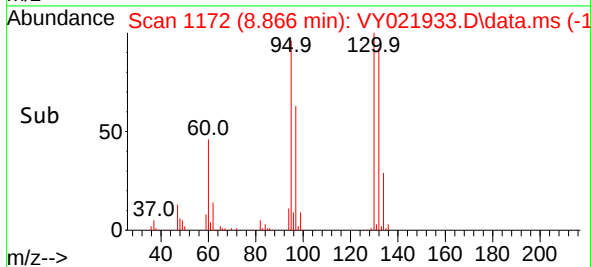
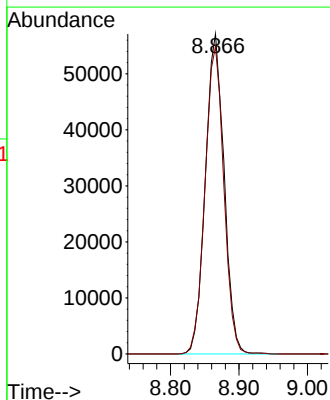
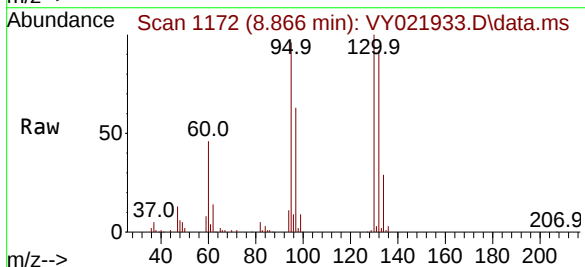
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

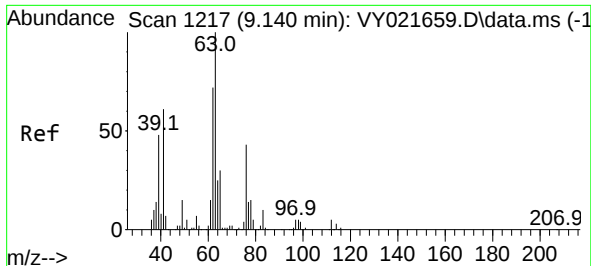
Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.9	23.9
87	13.2	10.4	15.6



#44
Trichloroethene
Concen: 52.966 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	194.8





#45

1,2-Dichloropropane

Concen: 54.080 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

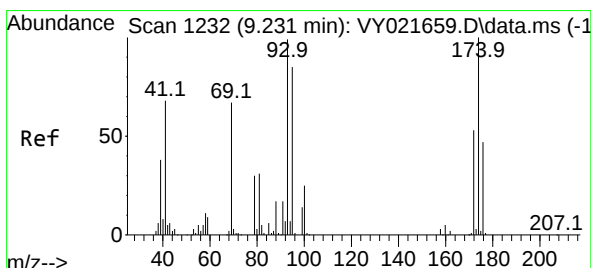
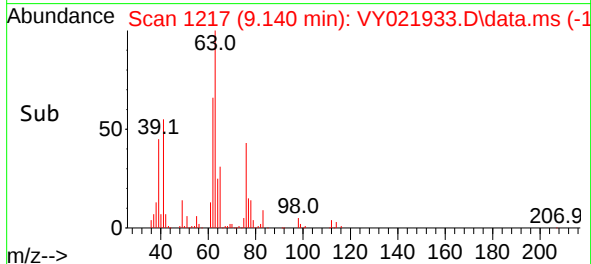
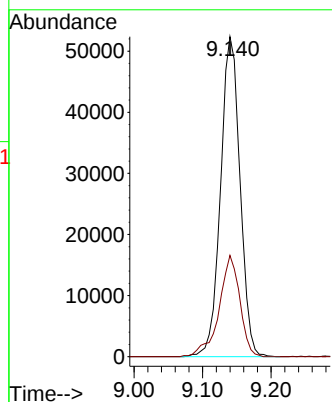
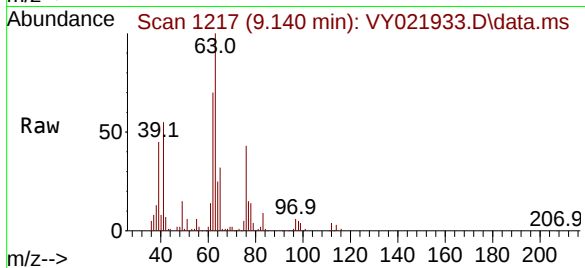
VSTDCCC050EC

Tgt Ion: 63 Resp: 103127

Ion Ratio Lower Upper

63 100

65 31.7 24.4 36.6



#46

Dibromomethane

Concen: 53.085 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

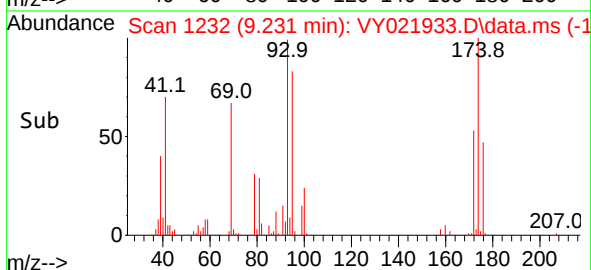
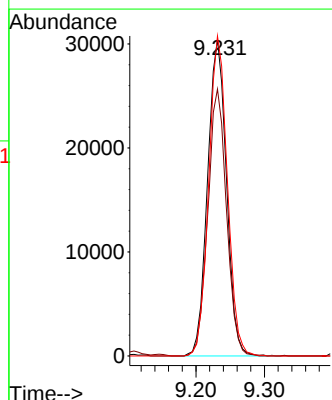
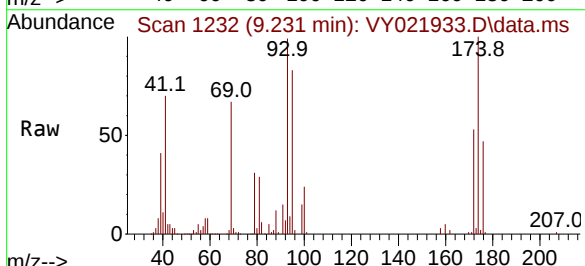
Tgt Ion: 93 Resp: 58340

Ion Ratio Lower Upper

93 100

95 83.5 68.1 102.1

174 99.9 80.9 121.3

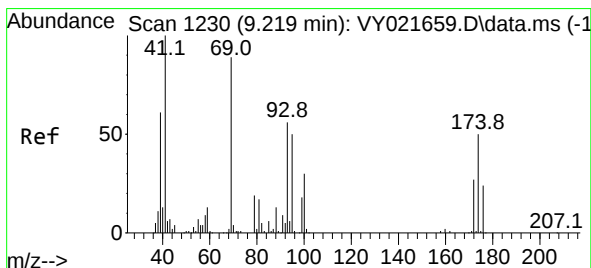
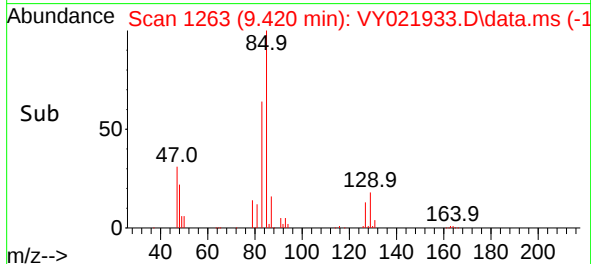
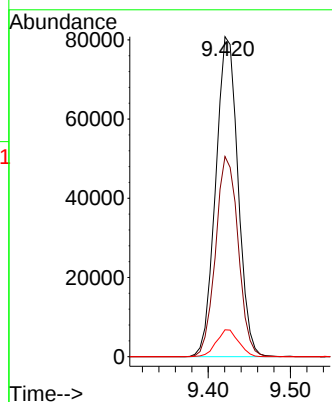
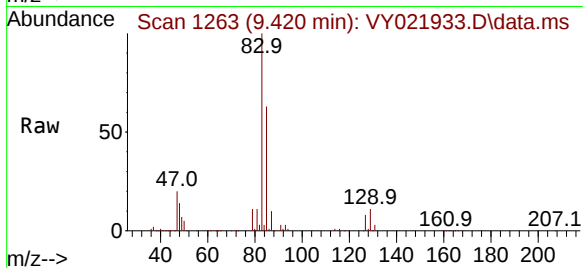




#47
Bromodichloromethane
Concen: 53.502 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

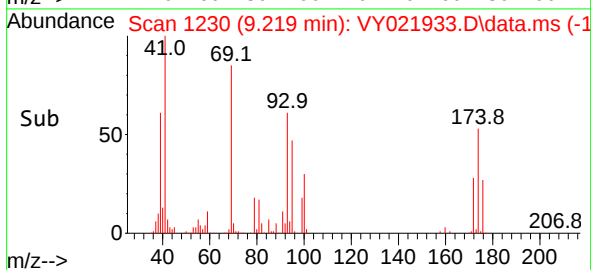
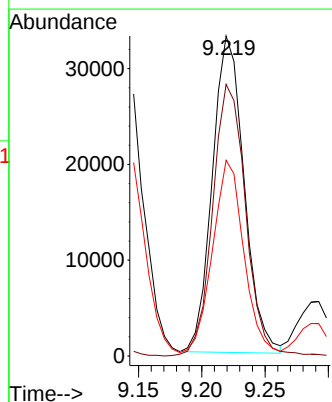
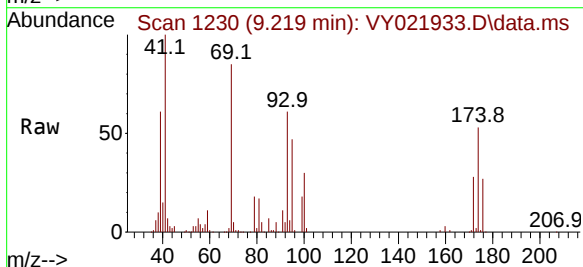
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

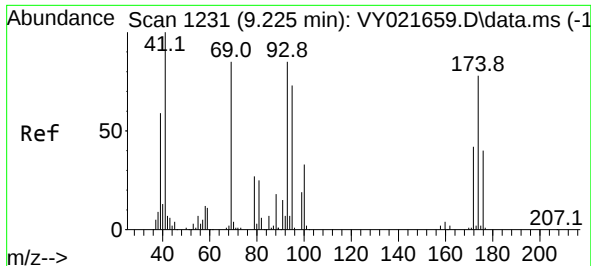
Tgt Ion: 83 Resp: 152358
Ion Ratio Lower Upper
83 100
85 62.5 51.8 77.6
127 8.4 6.8 10.2



#48
Methyl methacrylate
Concen: 52.238 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 41 Resp: 57682
Ion Ratio Lower Upper
41 100
69 89.1 69.8 104.8
39 59.5 47.2 70.8





#49

1,4-Dioxane

Concen: 959.047 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

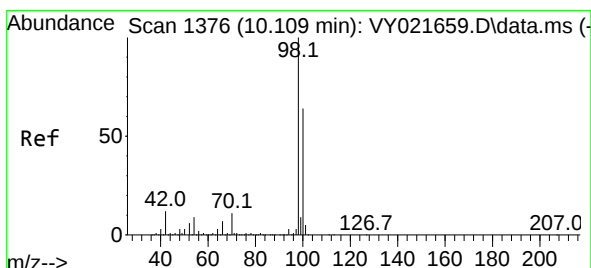
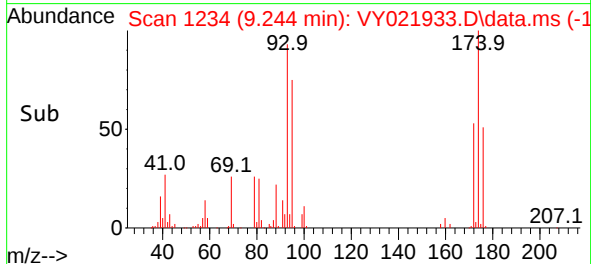
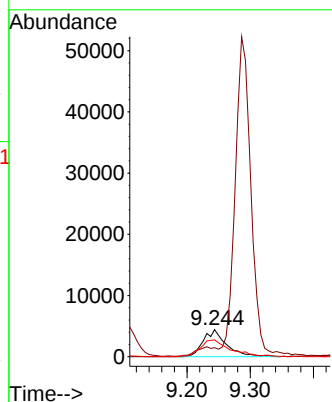
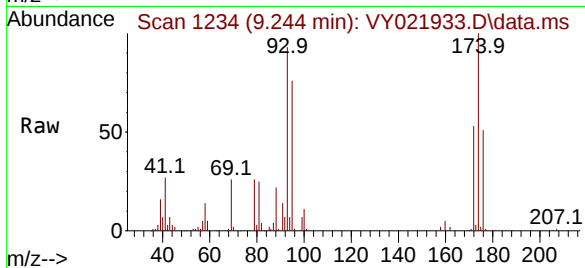
Tgt Ion: 88 Resp: 11291

Ion Ratio Lower Upper

88 100

43 30.9 28.8 43.2

58 78.0 59.4 89.2



#50

Toluene-d8

Concen: 53.260 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021933.D

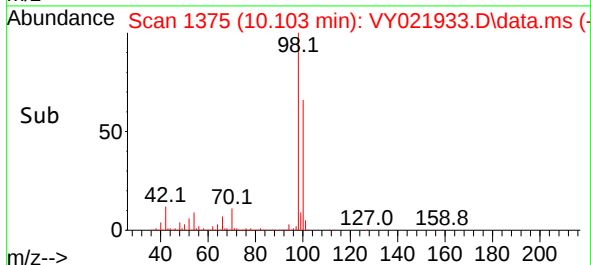
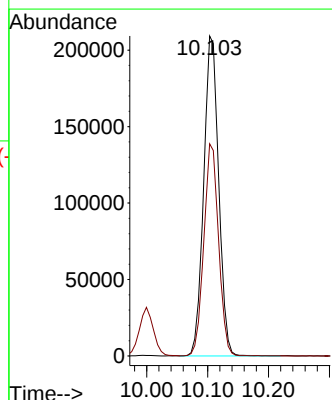
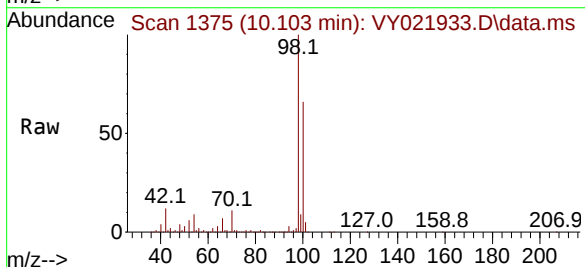
Acq: 18 Apr 2025 16:06

Tgt Ion: 98 Resp: 357847

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1

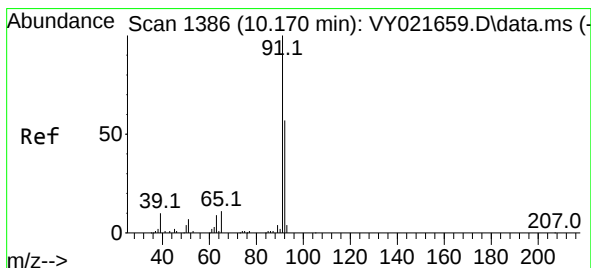
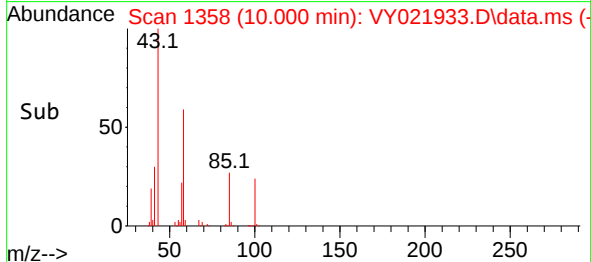
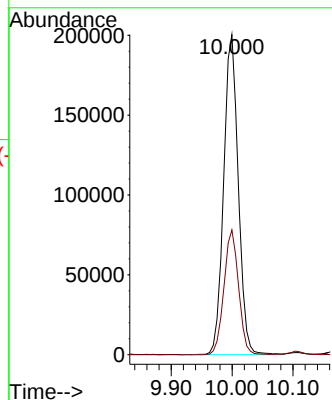
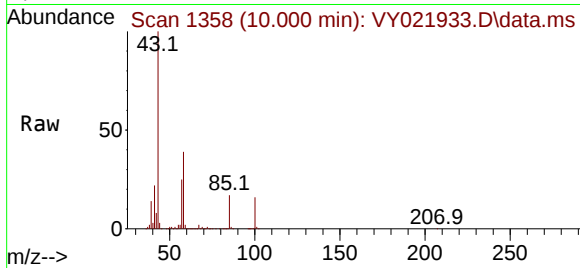




#51
4-Methyl-2-Pentanone
Concen: 266.967 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

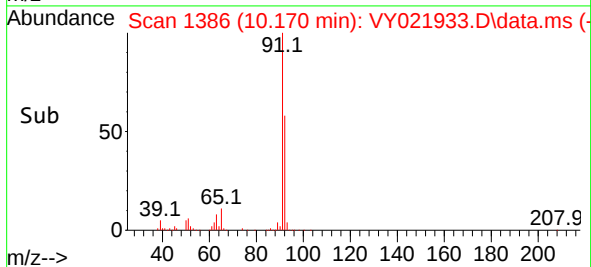
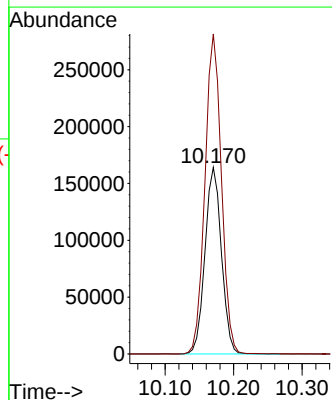
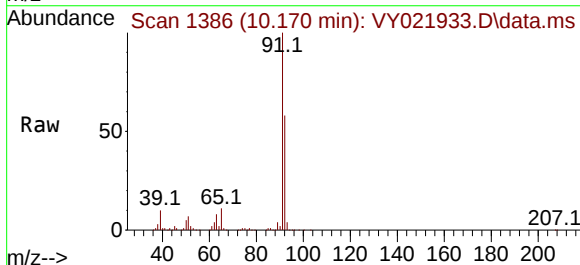
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

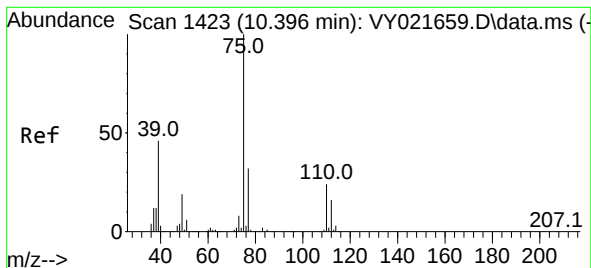
Tgt Ion: 43 Resp: 334250
Ion Ratio Lower Upper
43 100
58 39.0 31.5 47.3



#52
Toluene
Concen: 54.562 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 92 Resp: 274241
Ion Ratio Lower Upper
92 100
91 171.6 138.6 207.8

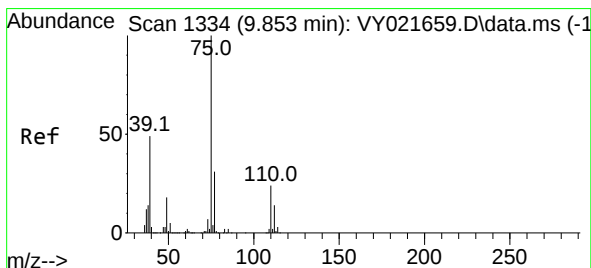
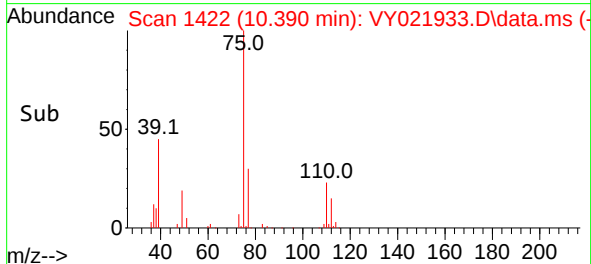
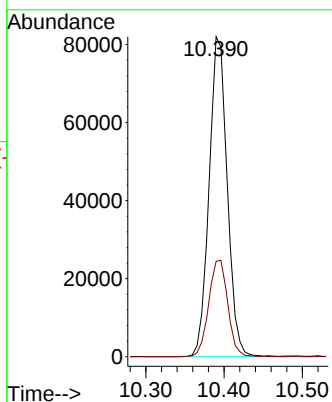
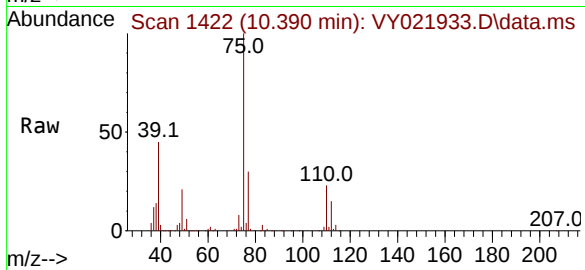




#53
t-1,3-Dichloropropene
Concen: 52.088 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

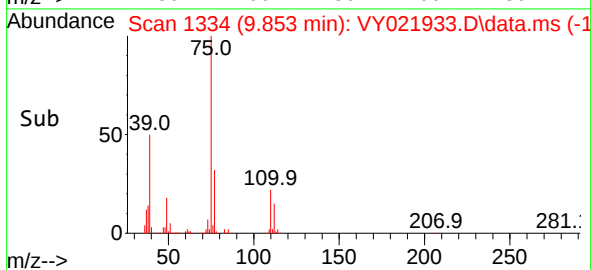
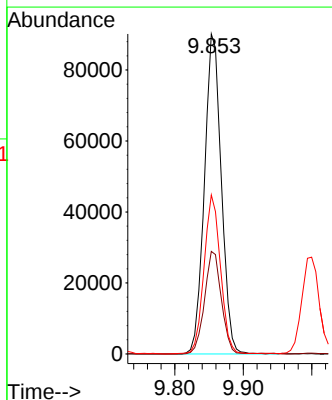
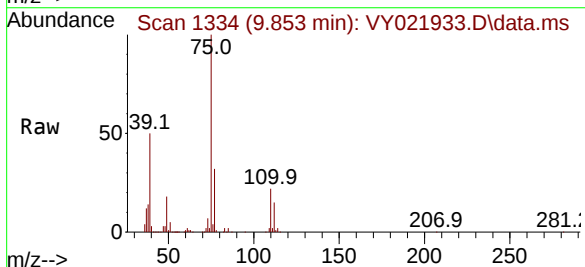
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

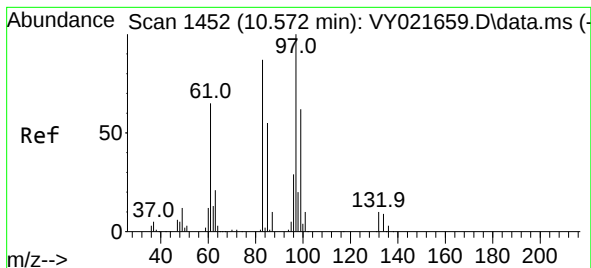
Tgt Ion: 75 Resp: 131753
Ion Ratio Lower Upper
75 100
77 29.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 51.902 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 75 Resp: 154875
Ion Ratio Lower Upper
75 100
77 32.1 24.9 37.3
39 49.6 39.2 58.8

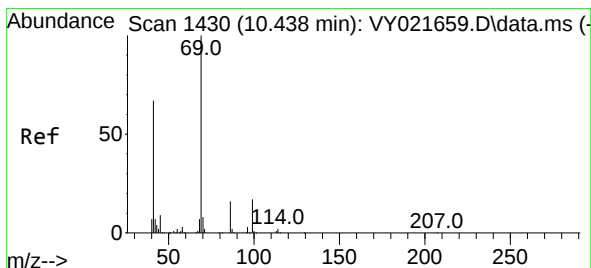
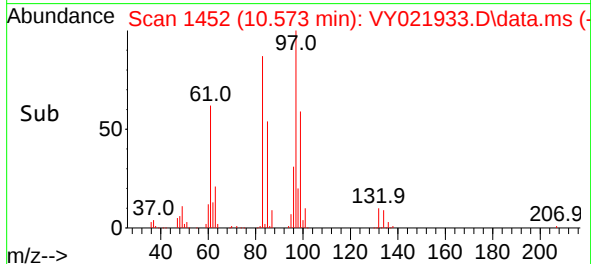
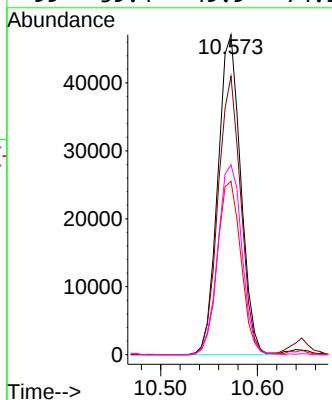
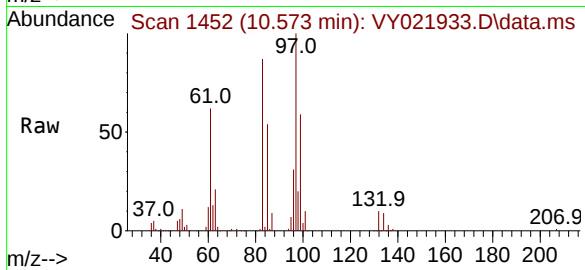




#55
1,1,2-Trichloroethane
Concen: 54.798 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

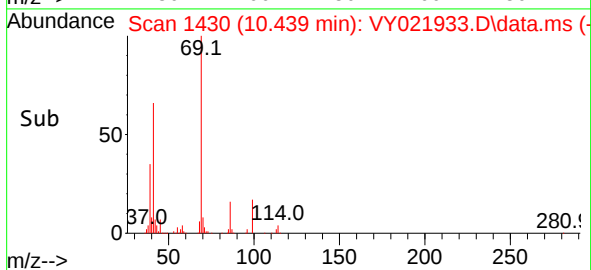
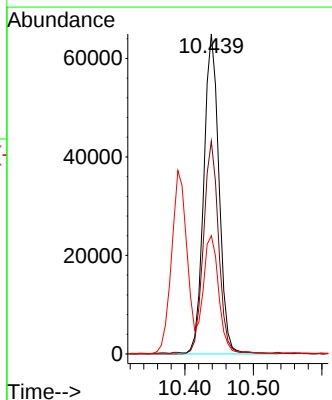
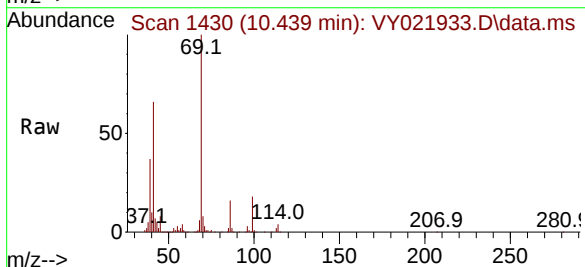
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

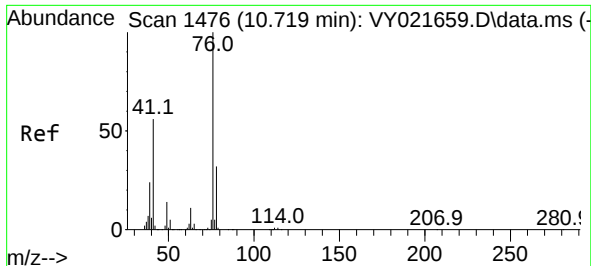
Tgt Ion:	97	Resp:	77501
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.5	104.3
85	54.2	43.9	65.9
99	59.4	49.9	74.9



#56
Ethyl methacrylate
Concen: 55.629 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion:	69	Resp:	100460
Ion	Ratio	Lower	Upper
69	100		
41	67.2	53.8	80.6
39	37.6	29.6	44.4





#57

1,3-Dichloropropane

Concen: 54.713 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

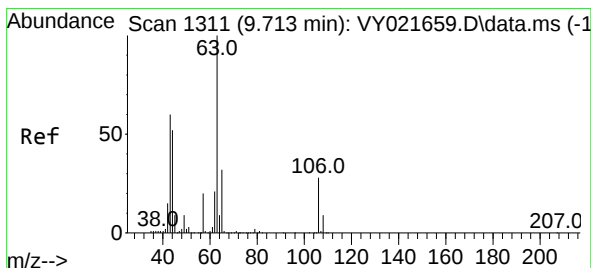
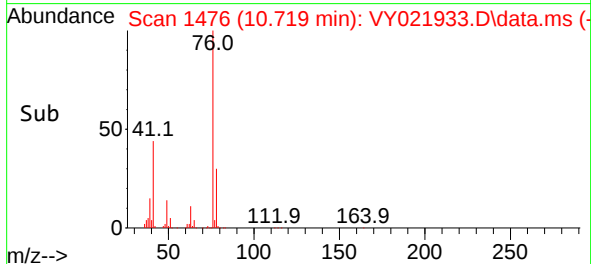
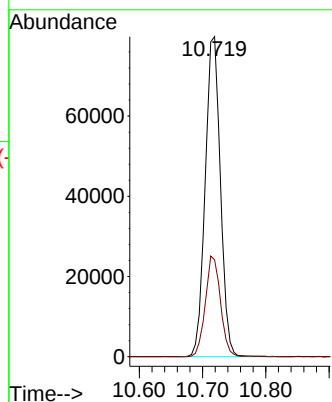
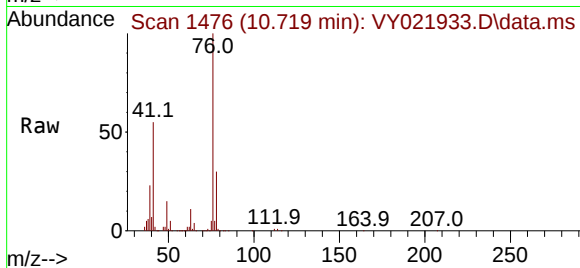
VSTDCCC050EC

Tgt Ion: 76 Resp: 133639

Ion Ratio Lower Upper

76 100

78 31.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 303.389 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021933.D

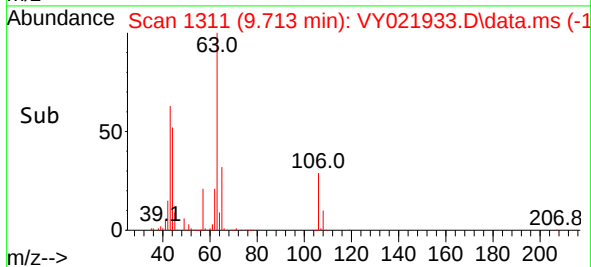
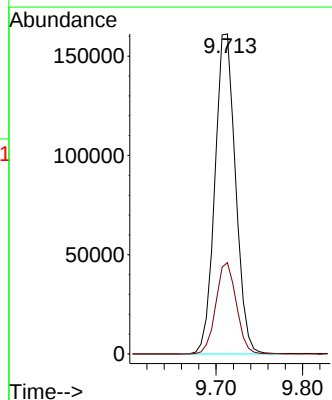
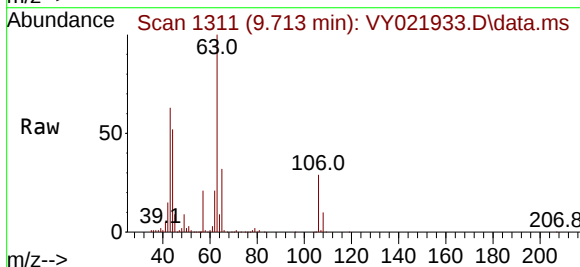
Acq: 18 Apr 2025 16:06

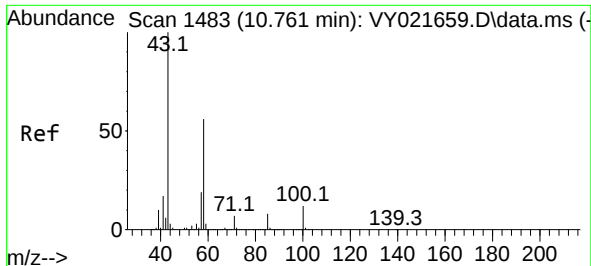
Tgt Ion: 63 Resp: 267277

Ion Ratio Lower Upper

63 100

106 28.3 22.4 33.6

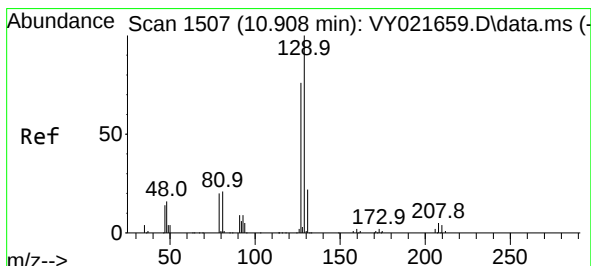
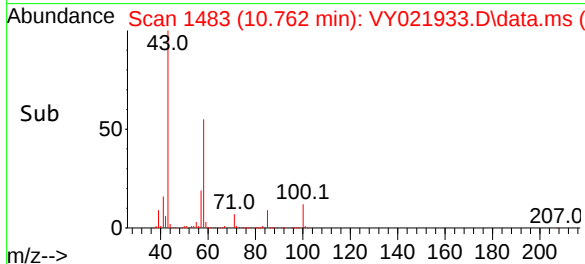
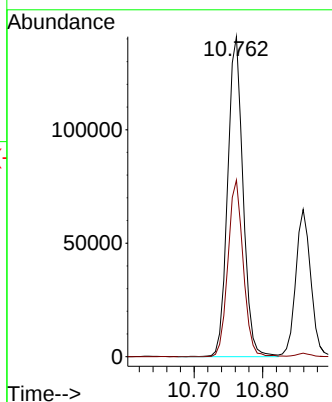
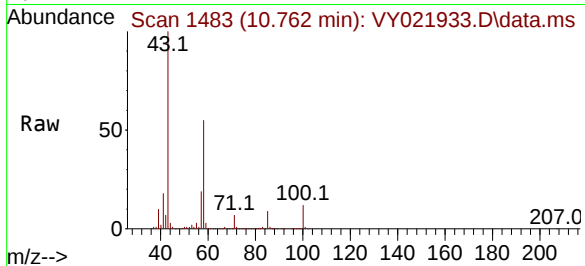




#59
2-Hexanone
Concen: 262.339 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

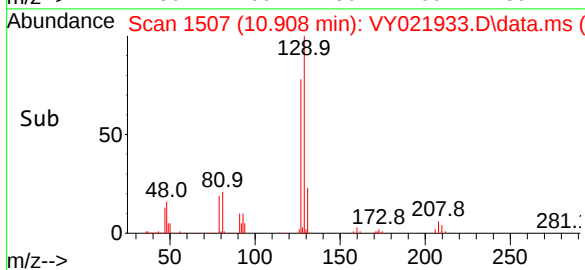
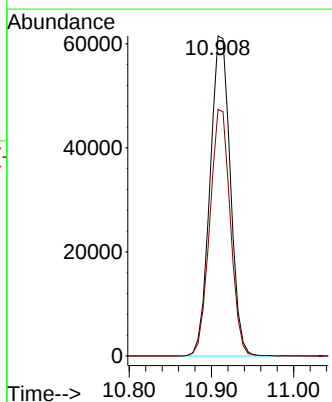
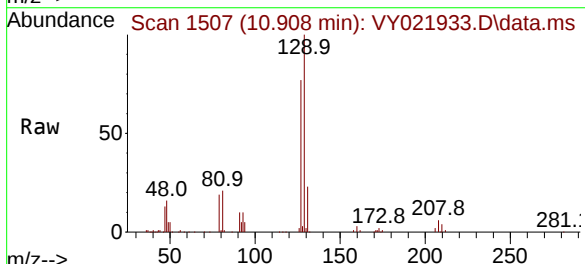
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

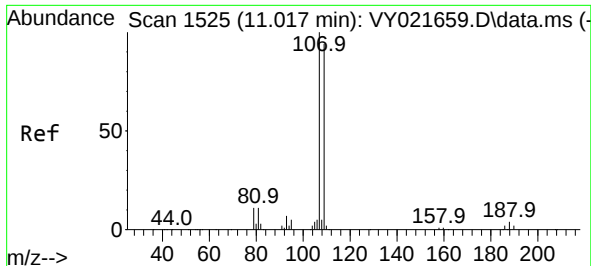
Tgt Ion: 43 Resp: 218746
Ion Ratio Lower Upper
43 100
58 54.9 27.2 81.5



#60
Dibromochloromethane
Concen: 54.526 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 129 Resp: 105287
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7

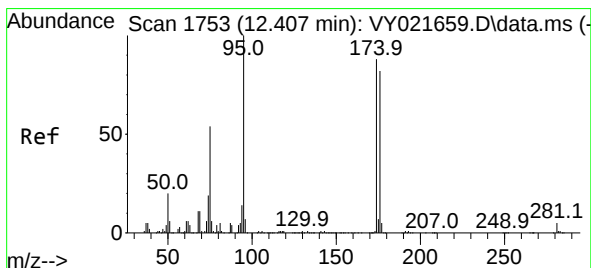
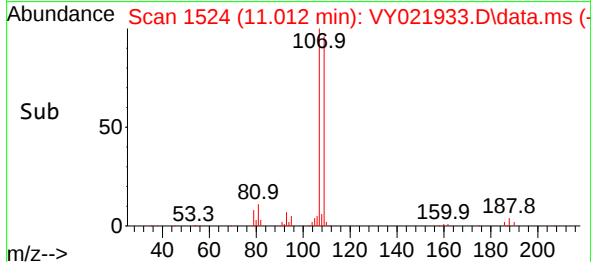
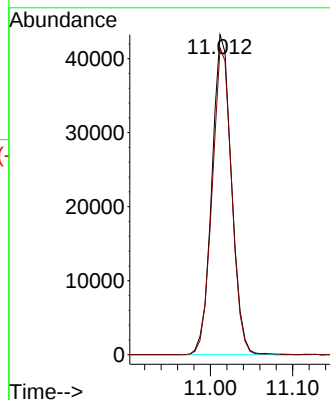
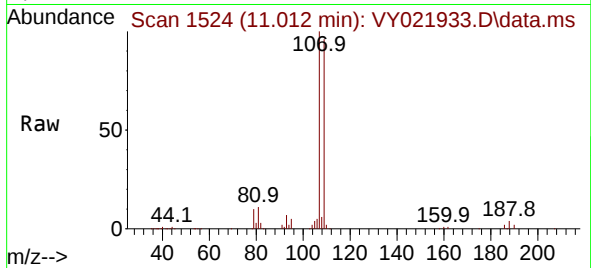




#61
1,2-Dibromoethane
Concen: 53.908 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

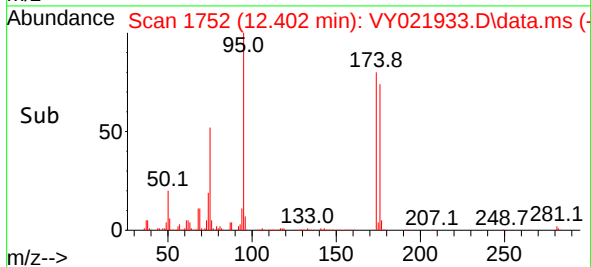
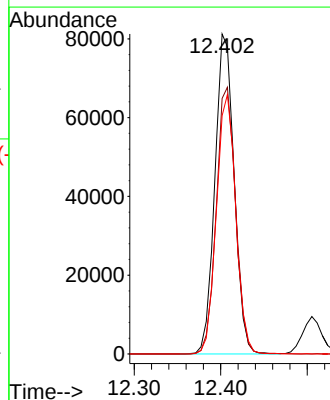
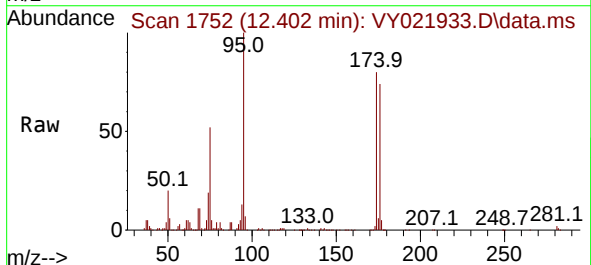
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

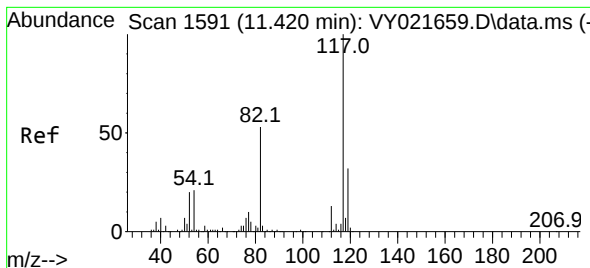
Tgt Ion:107 Resp: 71520
Ion Ratio Lower Upper
107 100
109 95.3 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 55.208 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 95 Resp: 125468
Ion Ratio Lower Upper
95 100
174 83.7 0.0 170.8
176 81.4 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: VY021933.D

Acq: 18 Apr 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

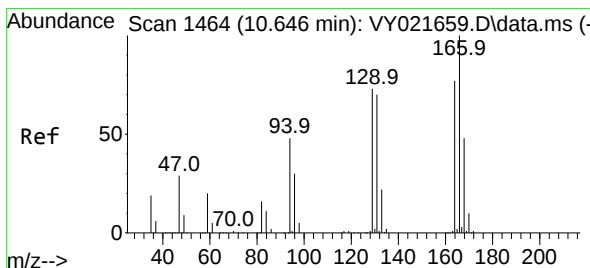
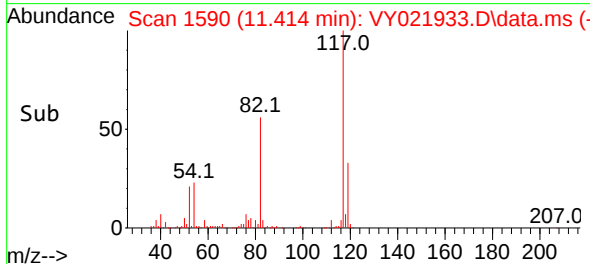
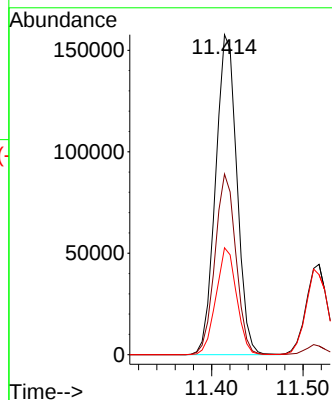
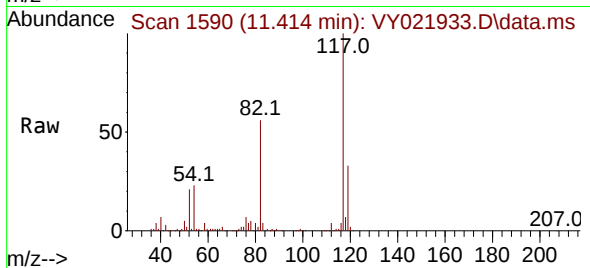
Tgt Ion:117 Resp: 255245

Ion Ratio Lower Upper

117 100

82 56.5 42.8 64.2

119 33.4 25.7 38.5



#64

Tetrachloroethene

Concen: 53.984 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Tgt Ion:164 Resp: 125497

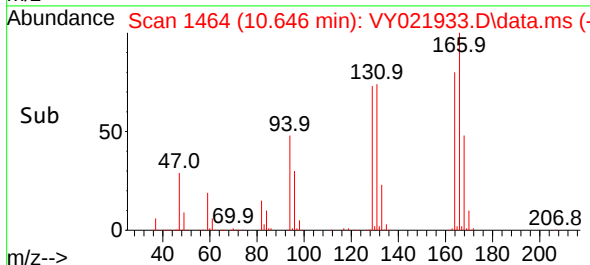
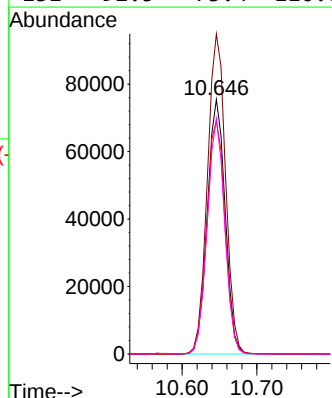
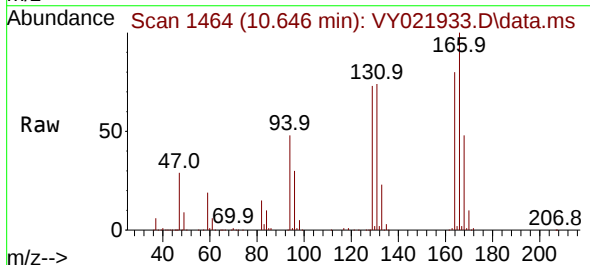
Ion Ratio Lower Upper

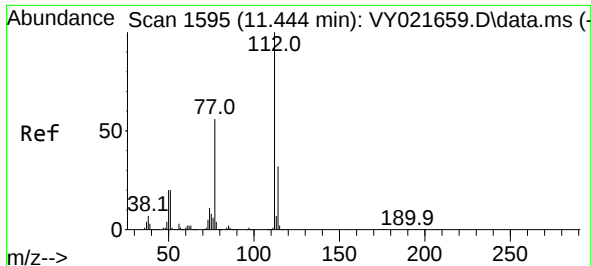
164 100

166 125.8 104.6 156.8

129 91.7 76.6 114.8

131 92.5 73.4 110.0

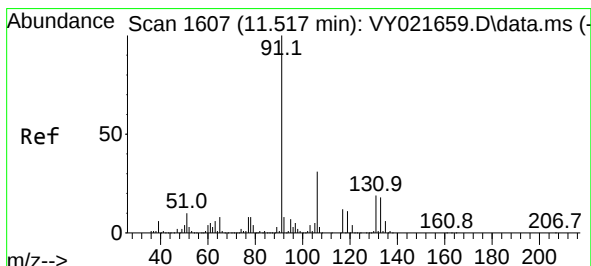
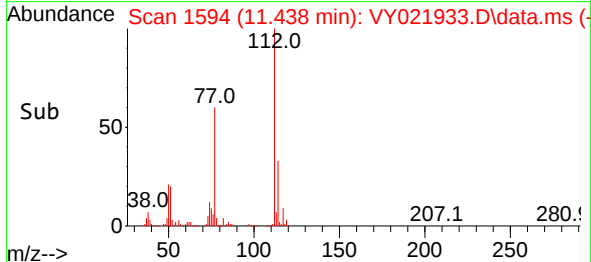
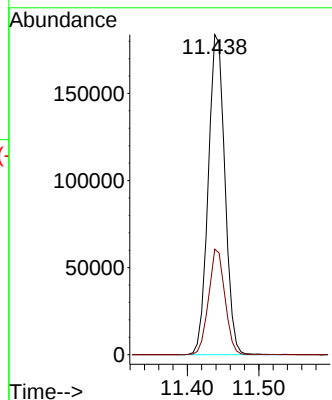
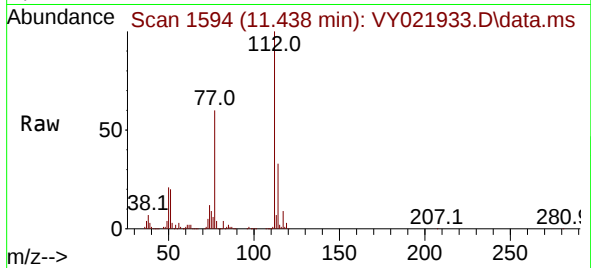




#65
Chlorobenzene
Concen: 50.741 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

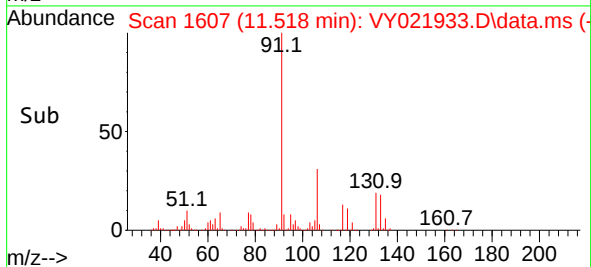
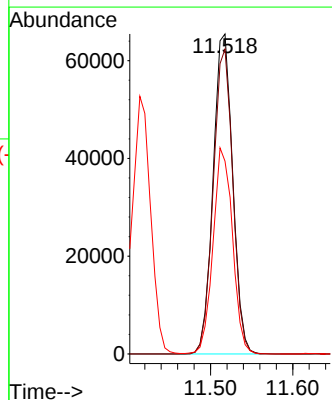
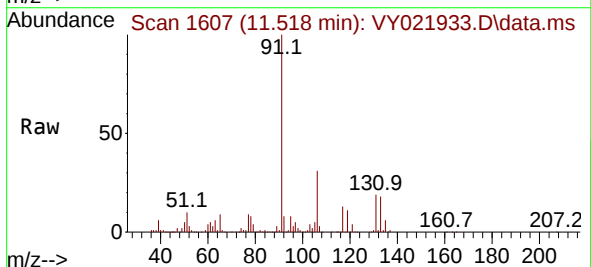
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

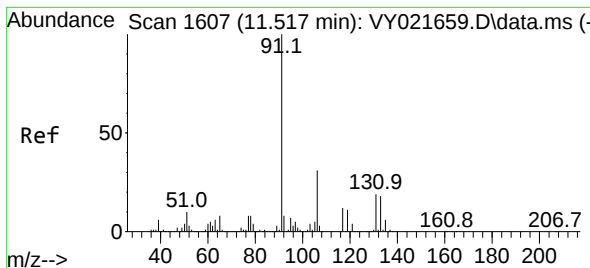
Tgt Ion:112 Resp: 296890
Ion Ratio Lower Upper
112 100
114 33.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.202 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion:131 Resp: 108370
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.8
119 63.9 31.6 95.0





#67

Ethyl Benzene

Concen: 51.880 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

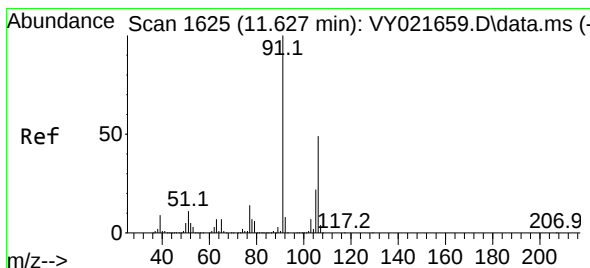
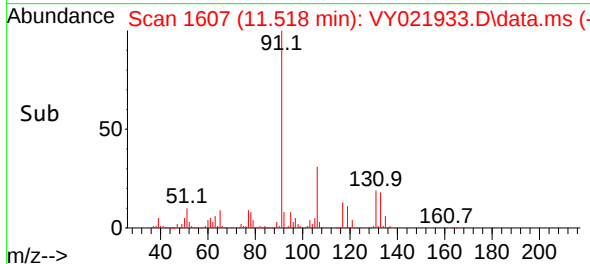
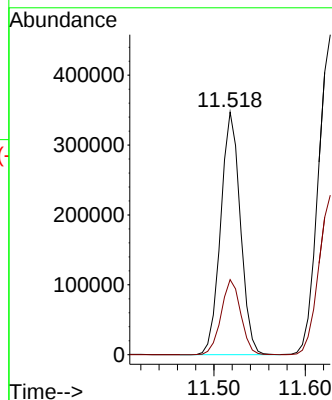
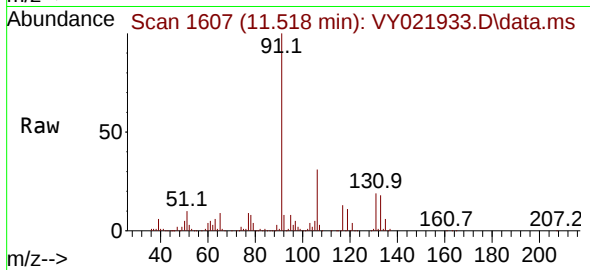
VSTDCCC050EC

Tgt Ion: 91 Resp: 520526

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 105.103 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021933.D

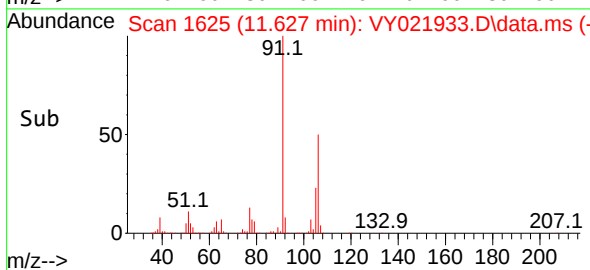
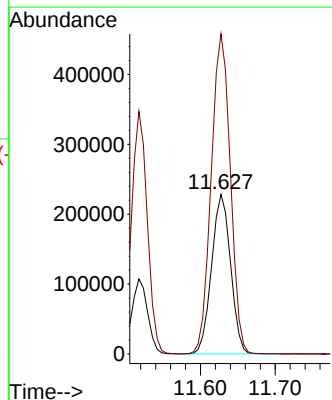
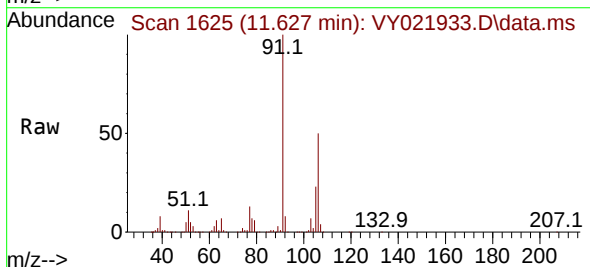
Acq: 18 Apr 2025 16:06

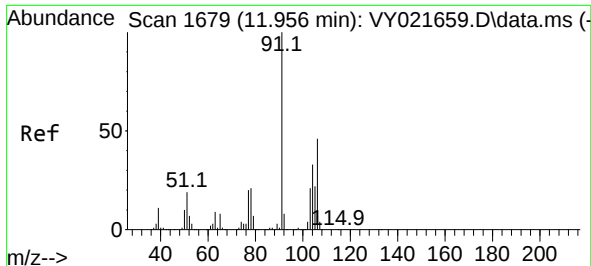
Tgt Ion: 106 Resp: 403808

Ion Ratio Lower Upper

106 100

91 202.1 162.4 243.6

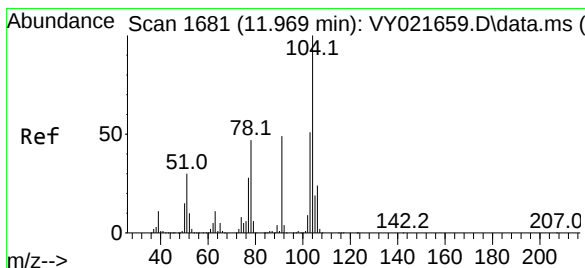
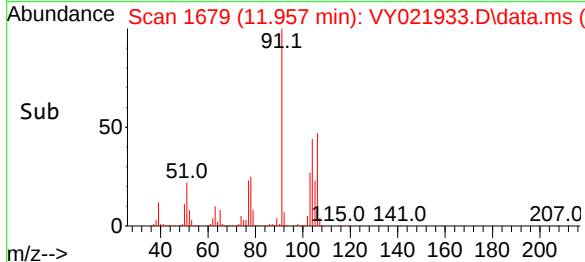
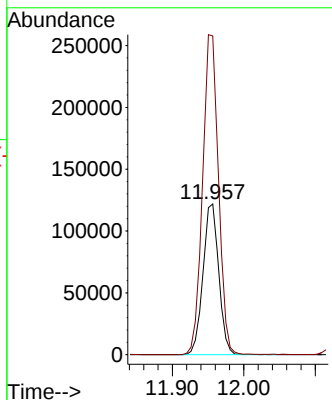
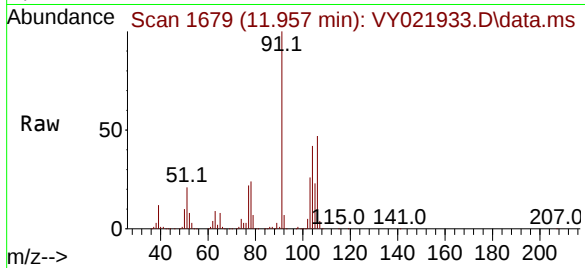




#69
o-Xylene
Concen: 52.558 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

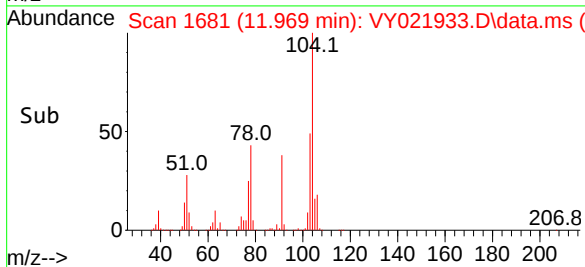
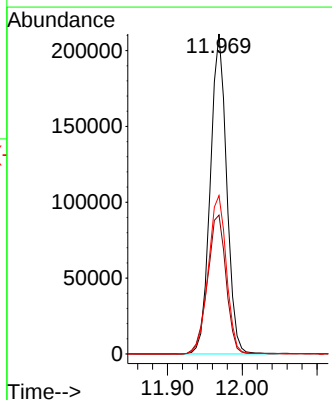
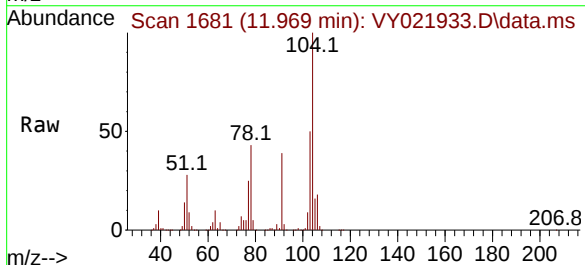
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

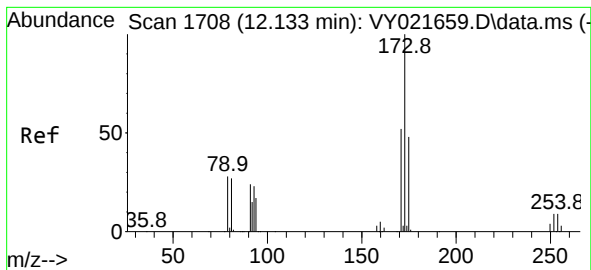
Tgt Ion:106 Resp: 186397
Ion Ratio Lower Upper
106 100
91 214.9 106.7 319.9



#70
Styrene
Concen: 54.518 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion:104 Resp: 322375
Ion Ratio Lower Upper
104 100
78 49.0 40.8 61.2
103 54.6 44.2 66.2





#71

Bromoform

Concen: 52.570 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

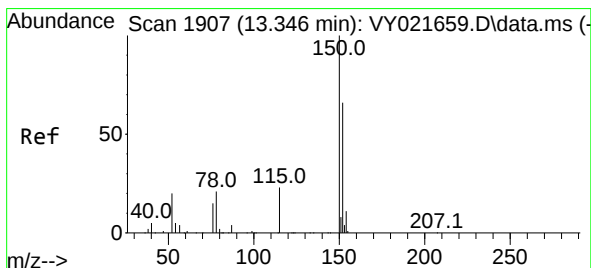
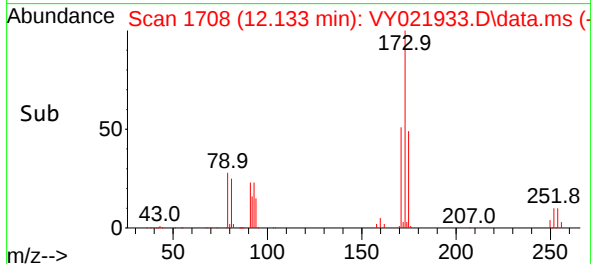
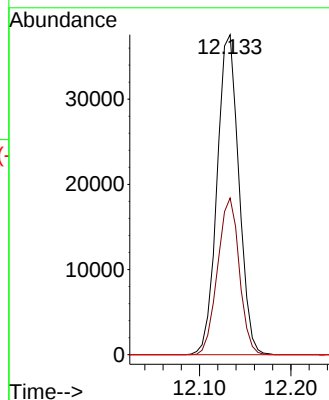
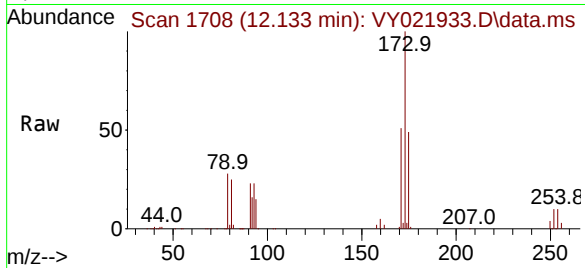
Tgt Ion:173 Resp: 62251

Ion Ratio Lower Upper

173 100

175 48.6 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: VY021933.D

Acq: 18 Apr 2025 16:06

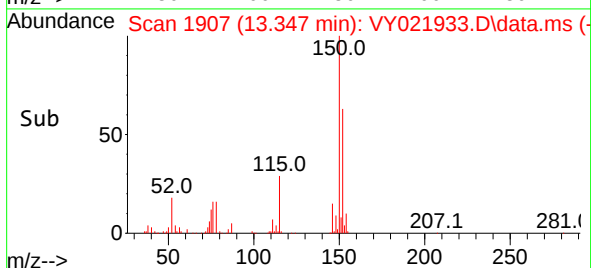
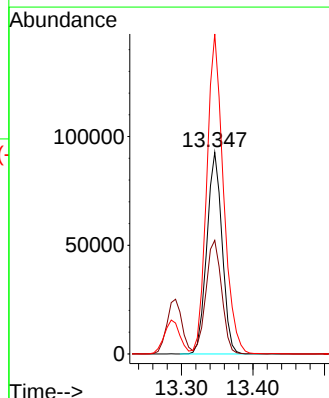
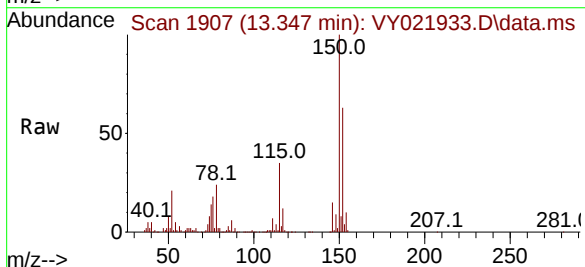
Tgt Ion:152 Resp: 137341

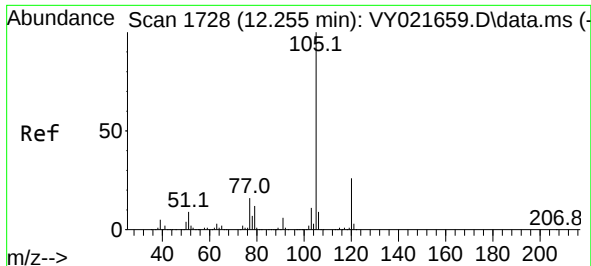
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 173.5 0.0 348.4

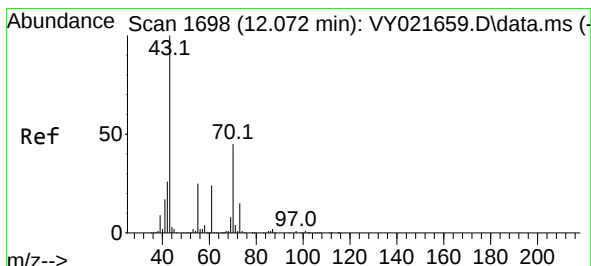
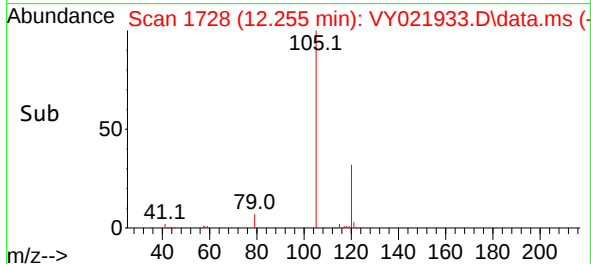
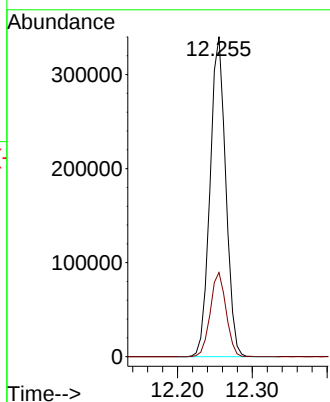
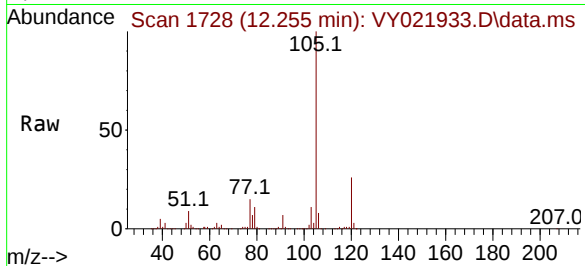




#73
Isopropylbenzene
Concen: 48.846 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

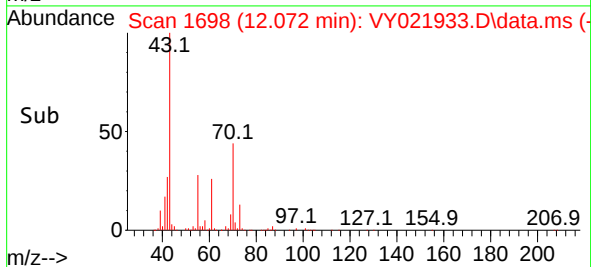
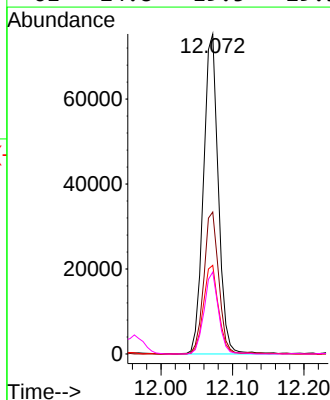
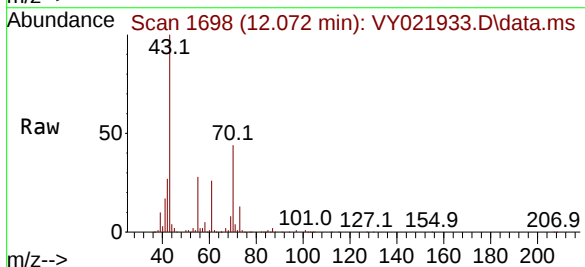
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

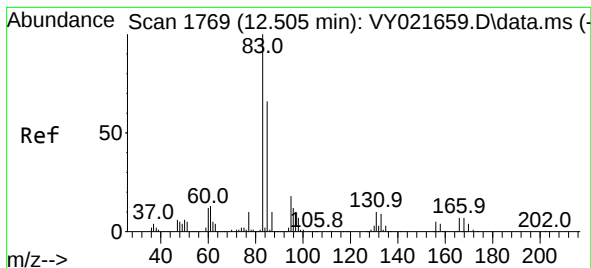
Tgt Ion:105 Resp: 498268
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5



#74
N-ethyl acetate
Concen: 45.464 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 43 Resp: 108842
Ion Ratio Lower Upper
43 100
70 44.6 34.7 52.1
55 28.1 21.2 31.8
61 24.8 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.965 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

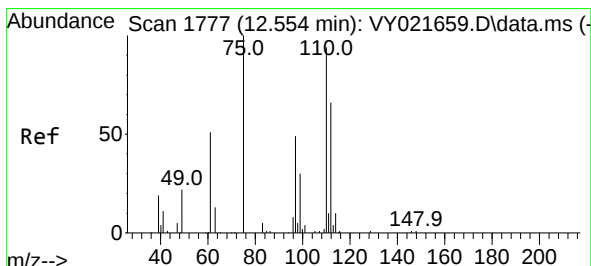
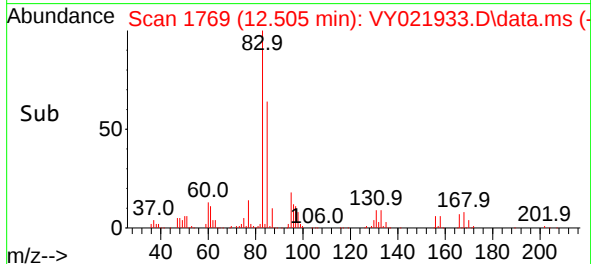
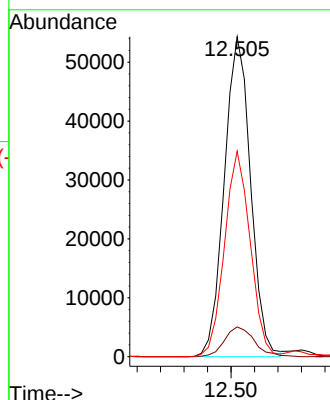
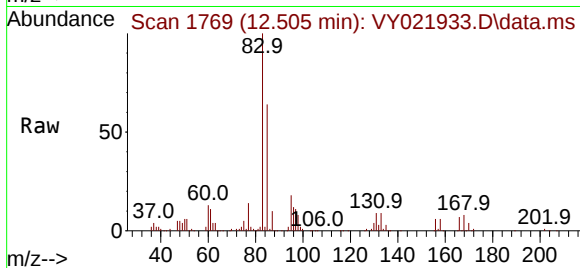
Tgt Ion: 83 Resp: 84300

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 62.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 85.394 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021933.D

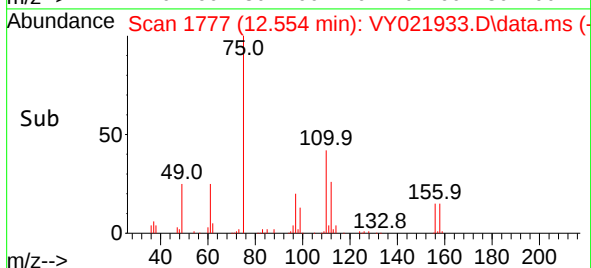
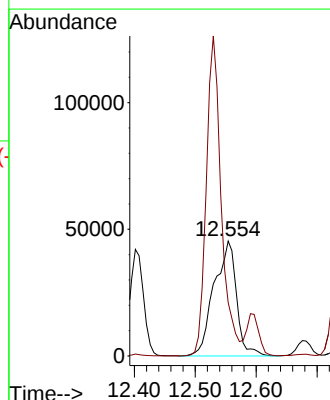
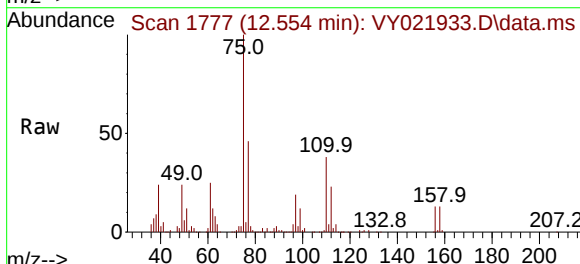
Acq: 18 Apr 2025 16:06

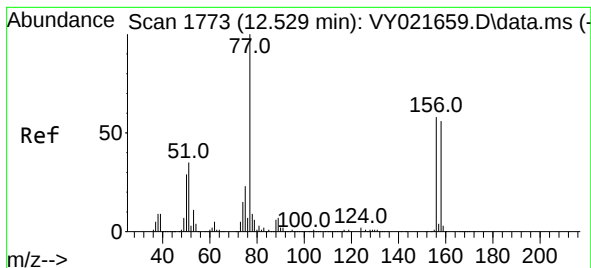
Tgt Ion: 75 Resp: 116255

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.444 ug/l

RT: 12.530 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

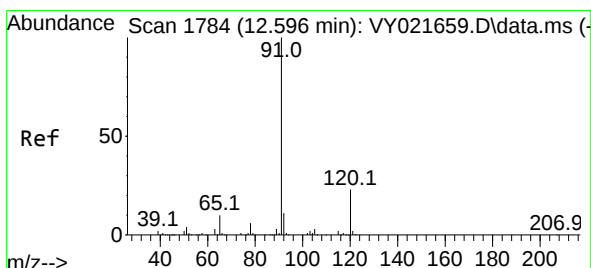
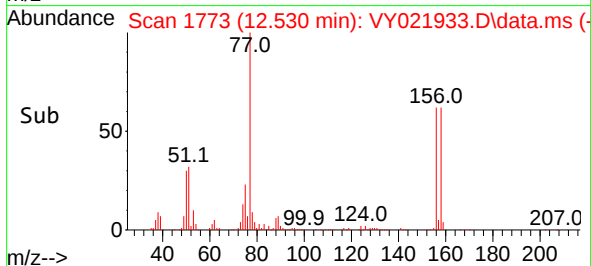
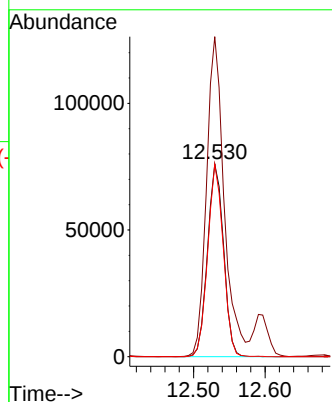
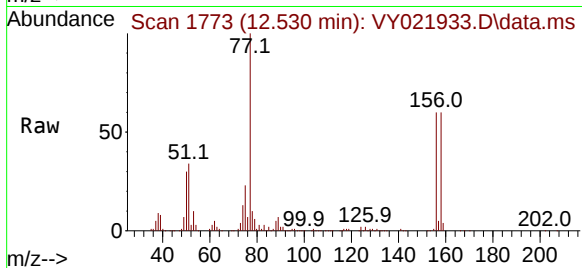
Tgt Ion:156 Resp: 118651

Ion Ratio Lower Upper

156 100

77 181.8 92.8 278.3

158 97.3 48.5 145.6



#78

n-propylbenzene

Concen: 49.467 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021933.D

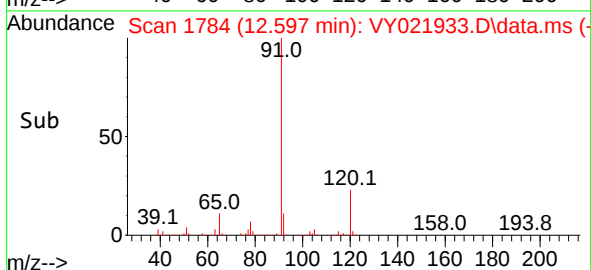
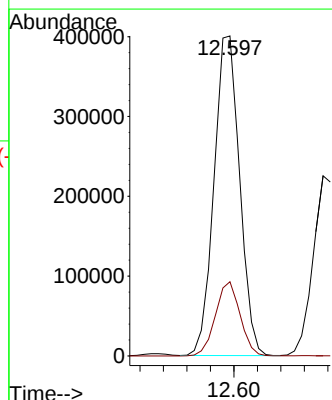
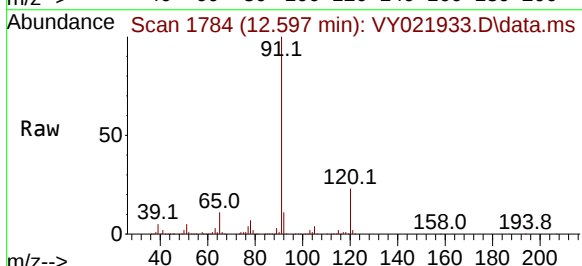
Acq: 18 Apr 2025 16:06

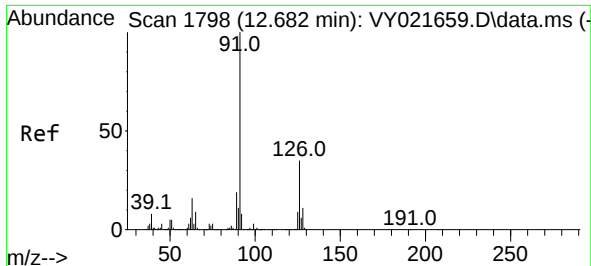
Tgt Ion: 91 Resp: 606658

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.9

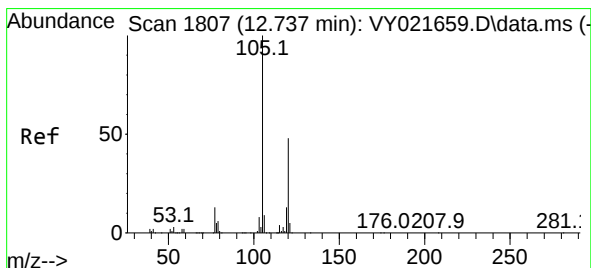
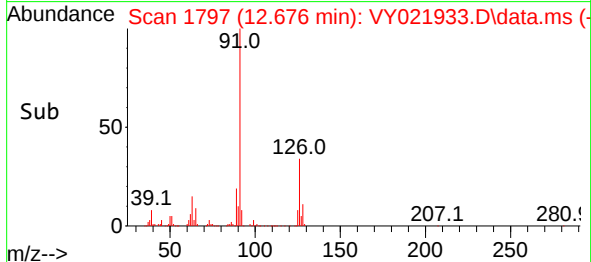
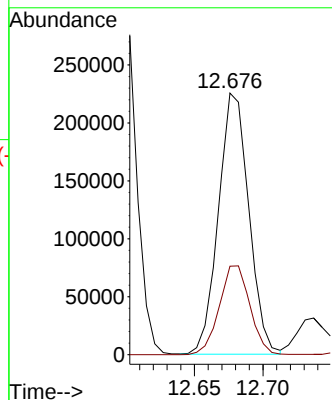
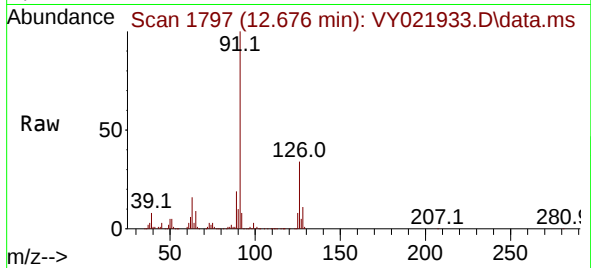




#79
2-Chlorotoluene
Concen: 48.861 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

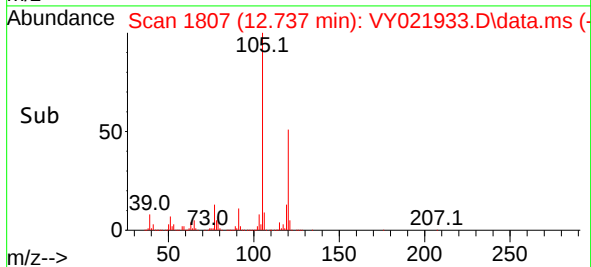
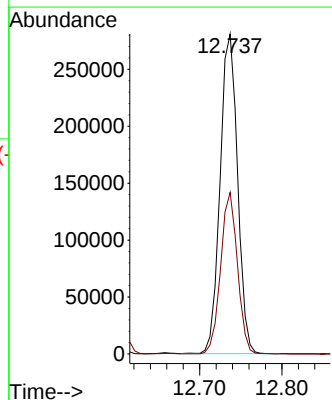
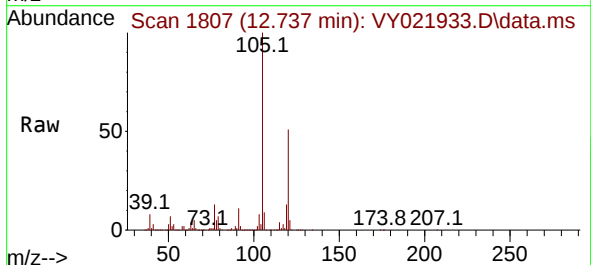
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

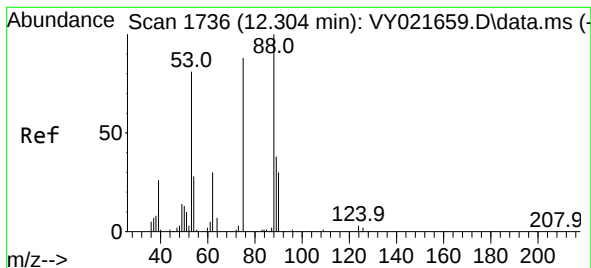
Tgt Ion: 91 Resp: 348037
Ion Ratio Lower Upper
91 100
126 34.3 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 49.630 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 105 Resp: 413765
Ion Ratio Lower Upper
105 100
120 48.9 24.5 73.5

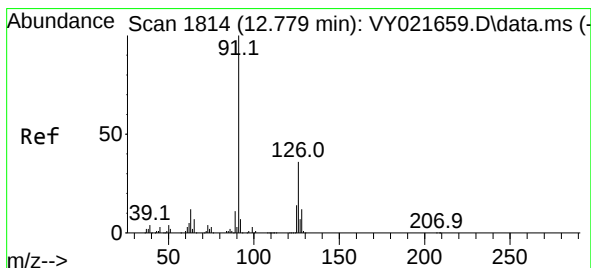
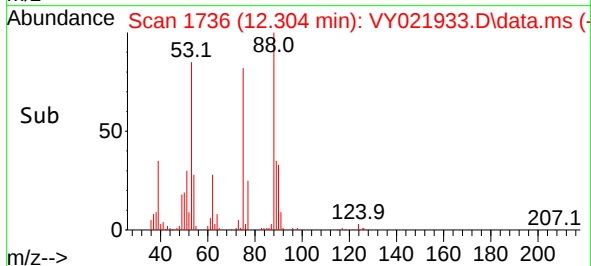
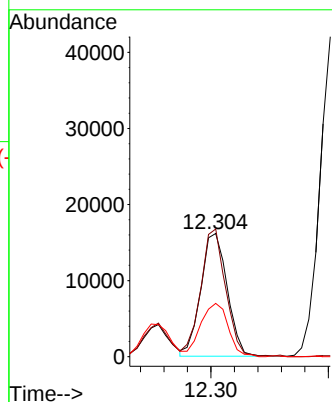
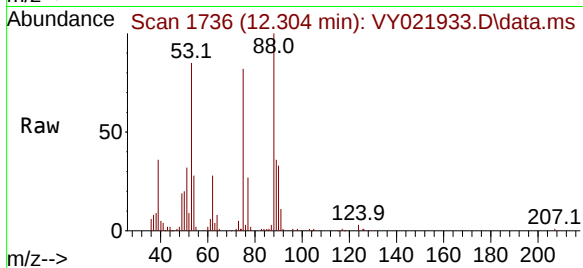




#81
trans-1,4-Dichloro-2-butene
Concen: 42.688 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

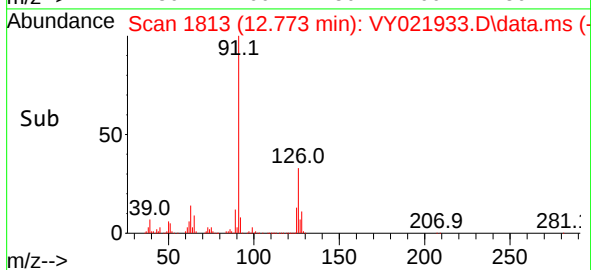
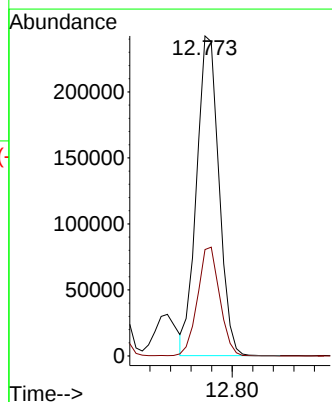
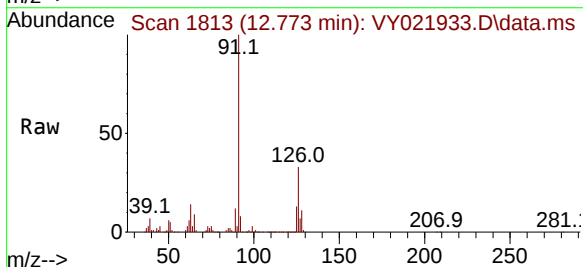
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

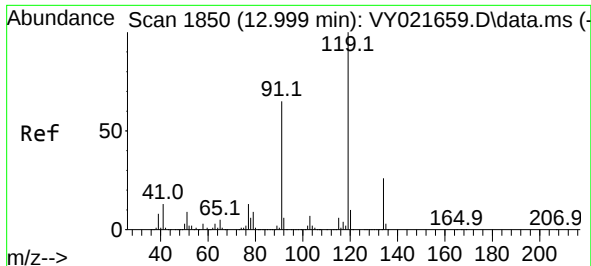
Tgt Ion: 75 Resp: 25222
Ion Ratio Lower Upper
75 100
53 99.2 76.1 114.1
89 44.6 36.2 54.4



#82
4-Chlorotoluene
Concen: 49.249 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 91 Resp: 365728
Ion Ratio Lower Upper
91 100
126 34.0 17.0 50.9

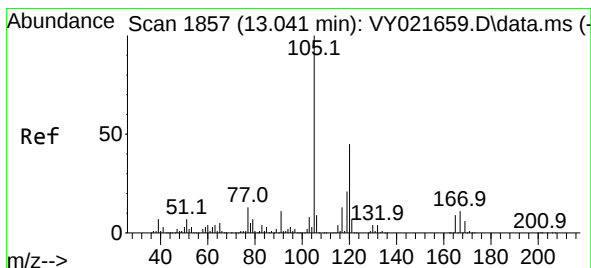
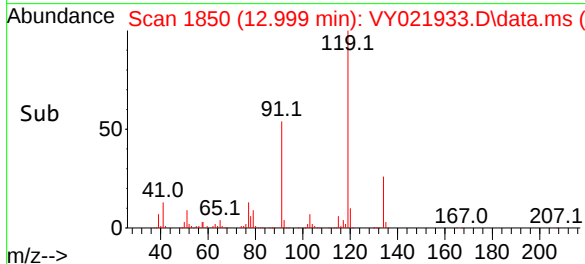
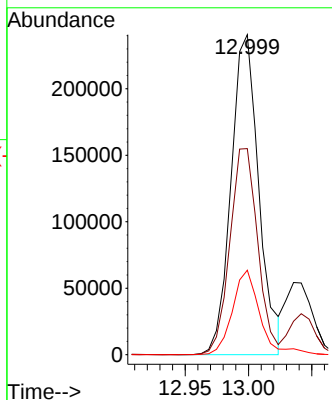
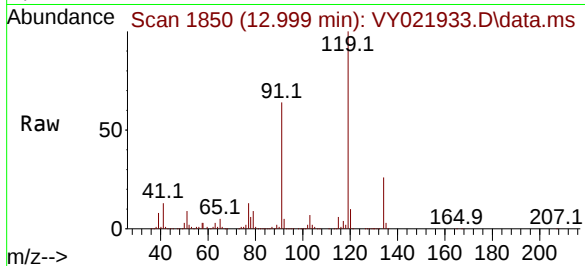




#83
 tert-Butylbenzene
 Concen: 49.545 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021933.D
 Acq: 18 Apr 2025 16:06

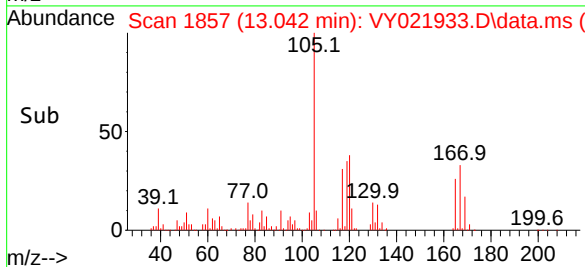
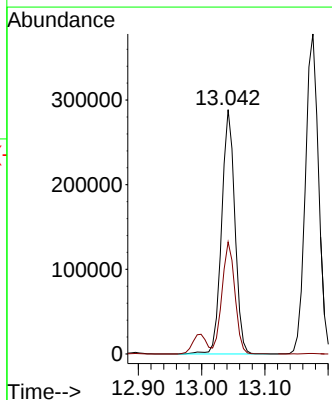
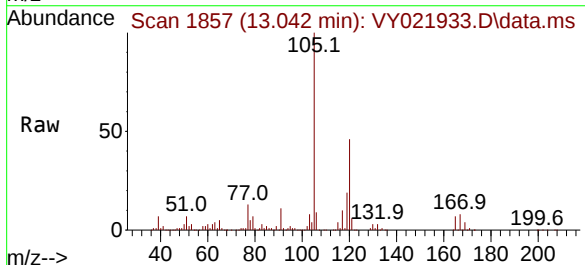
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

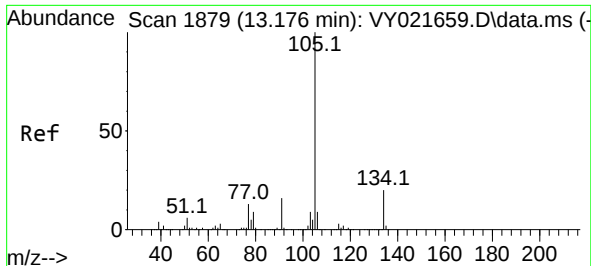
Tgt Ion:119 Resp: 367914
 Ion Ratio Lower Upper
 119 100
 91 64.6 32.6 97.7
 134 26.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.595 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021933.D
 Acq: 18 Apr 2025 16:06

Tgt Ion:105 Resp: 416904
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.7 68.1

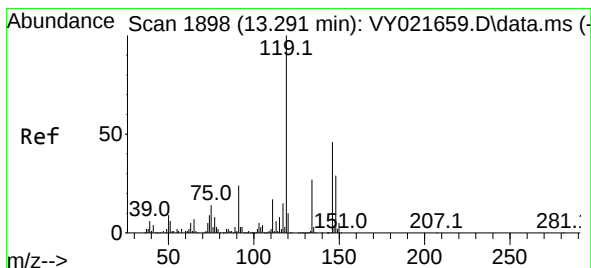
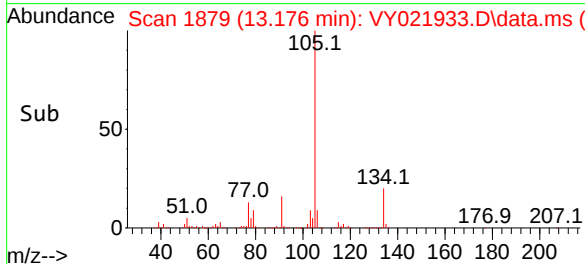
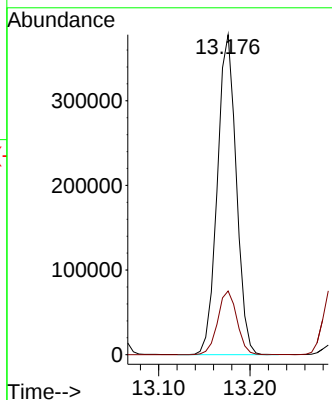
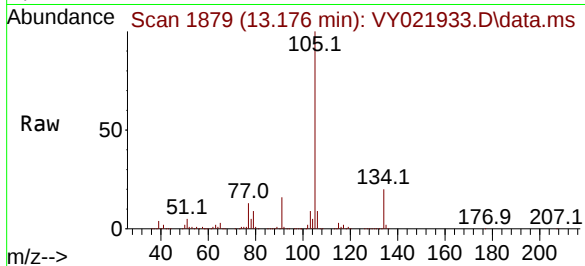




#85
 sec-Butylbenzene
 Concen: 50.184 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021933.D
 Acq: 18 Apr 2025 16:06

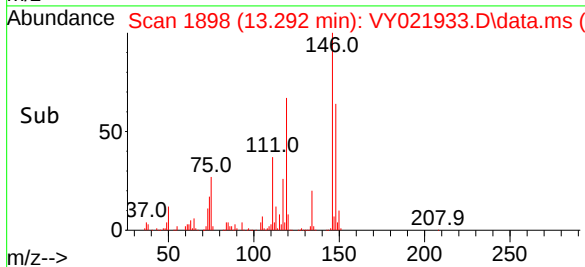
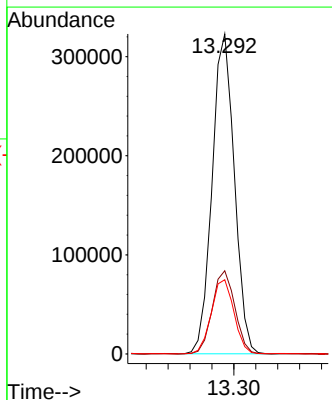
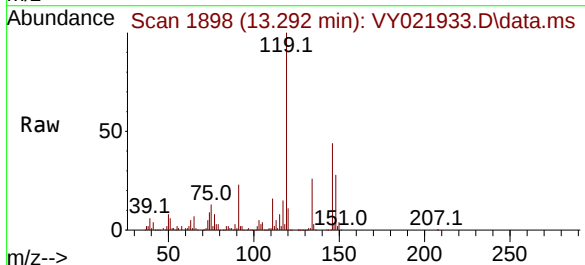
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

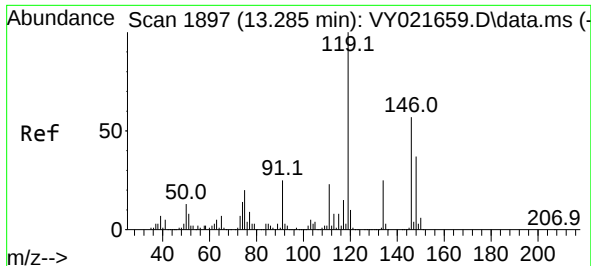
Tgt Ion:105 Resp: 544602
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.748 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021933.D
 Acq: 18 Apr 2025 16:06

Tgt Ion:119 Resp: 455172
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 23.5 12.0 36.0

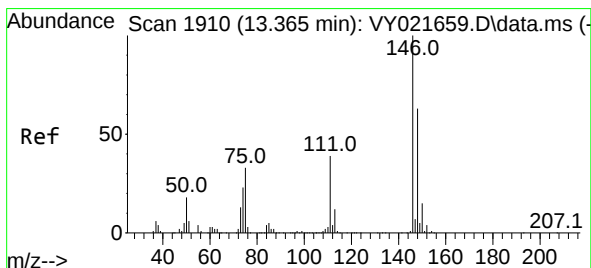
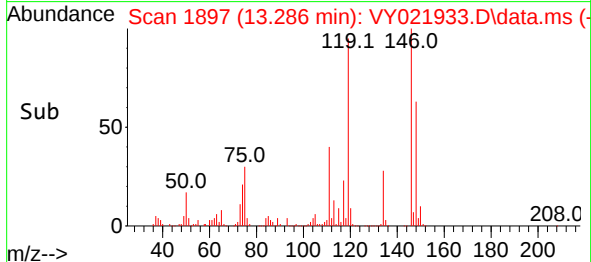
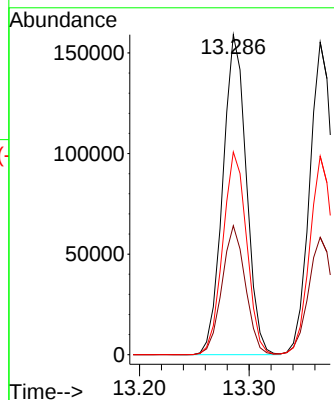
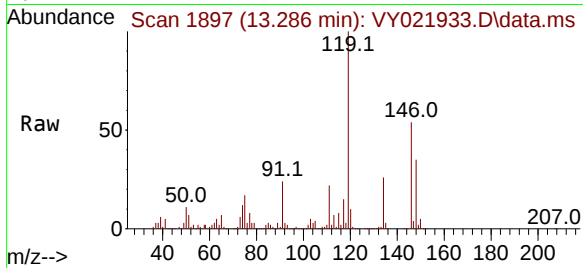




#87
 1,3-Dichlorobenzene
 Concen: 49.190 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021933.D
 Acq: 18 Apr 2025 16:06

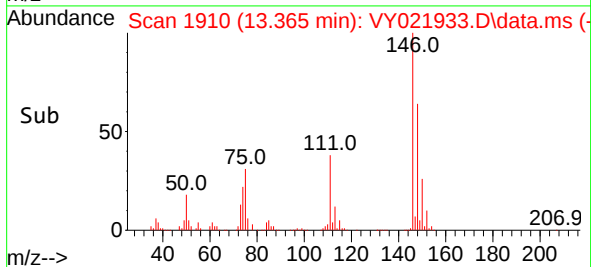
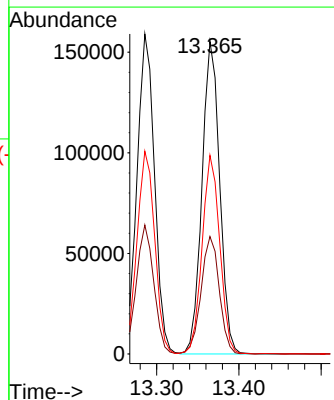
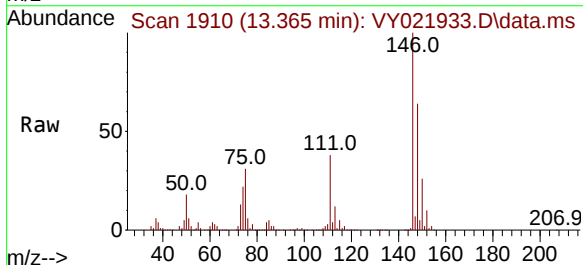
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

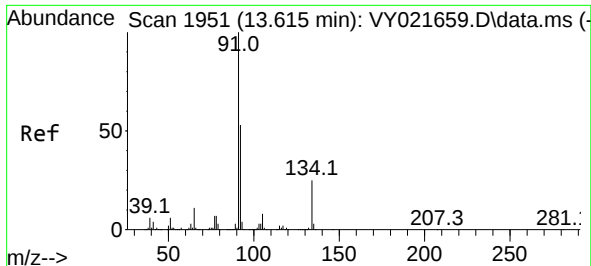
Tgt Ion:146 Resp: 237360
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 64.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.787 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021933.D
 Acq: 18 Apr 2025 16:06

Tgt Ion:146 Resp: 232595
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.1
 148 63.3 31.5 94.5

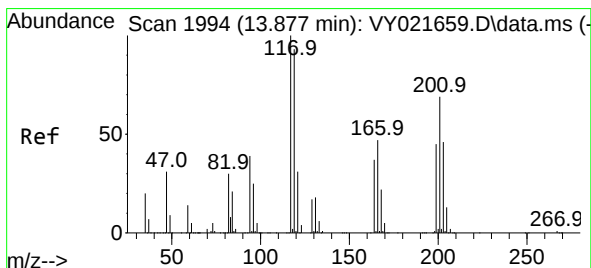
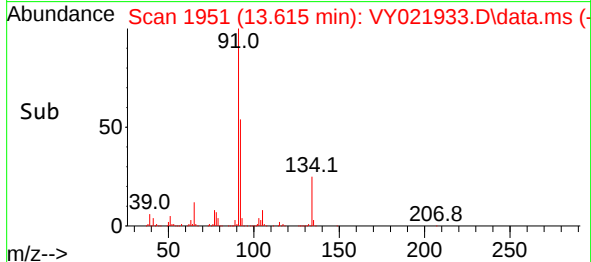
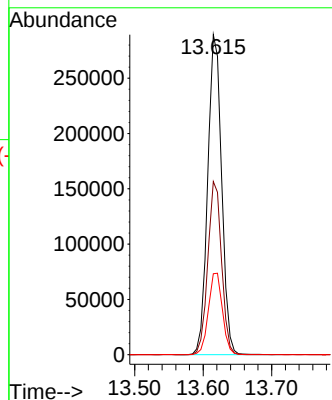
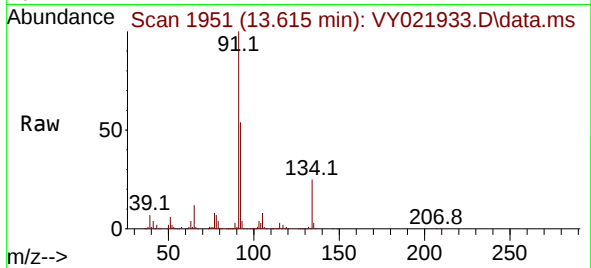




#89
n-Butylbenzene
Concen: 49.334 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

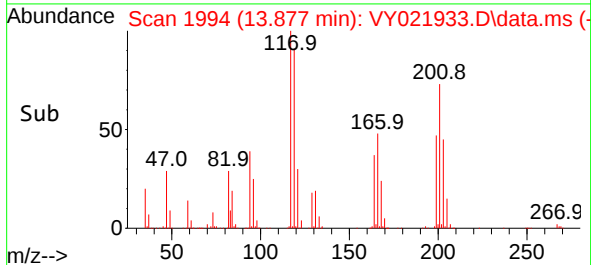
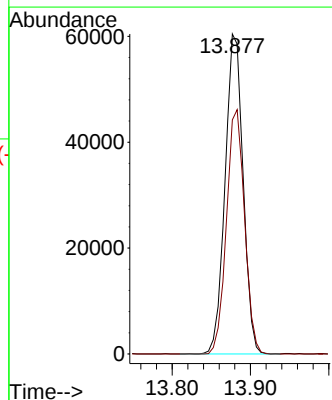
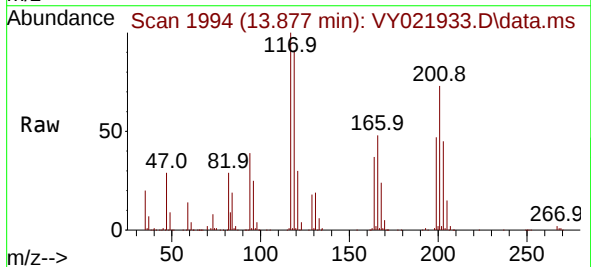
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

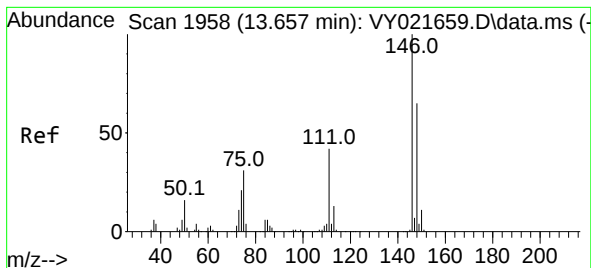
Tgt Ion: 91 Resp: 409224
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.2
134 25.7 12.8 38.4



#90
Hexachloroethane
Concen: 49.210 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY021933.D
Acq: 18 Apr 2025 16:06

Tgt Ion: 117 Resp: 96722
Ion Ratio Lower Upper
117 100
201 76.6 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 50.035 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

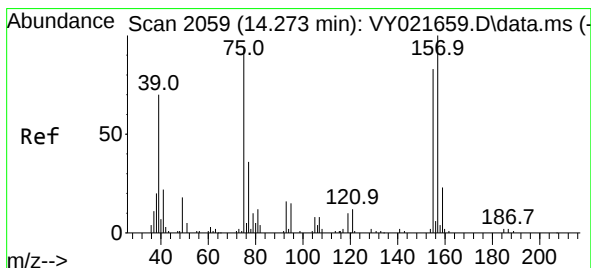
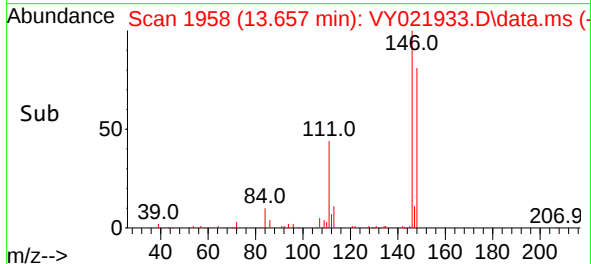
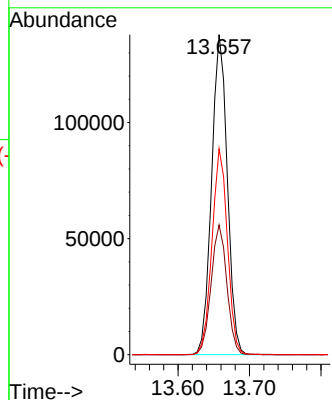
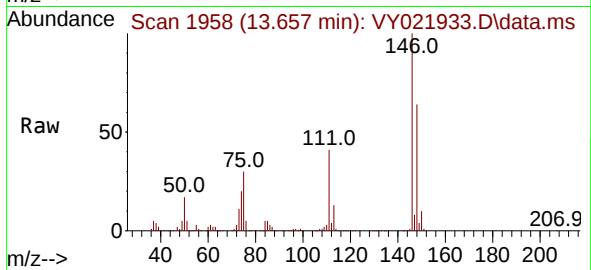
Tgt Ion:146 Resp: 210173

Ion Ratio Lower Upper

146 100

111 40.8 20.7 62.1

148 63.4 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.500 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

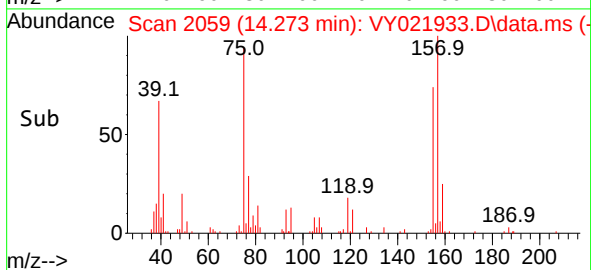
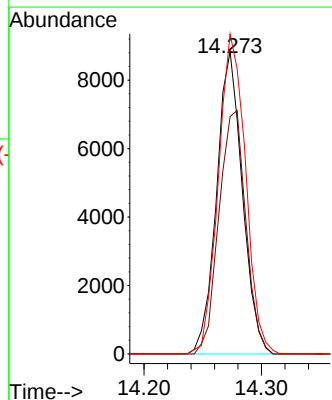
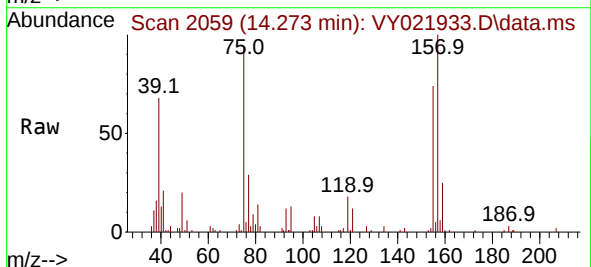
Tgt Ion: 75 Resp: 13502

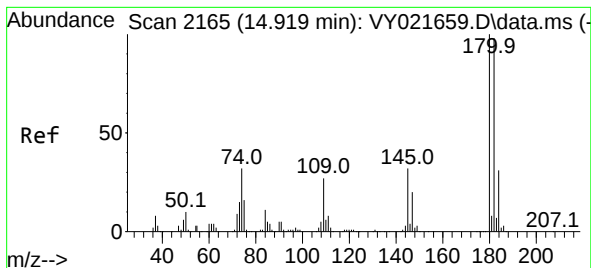
Ion Ratio Lower Upper

75 100

155 83.7 43.0 128.8

157 111.2 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 50.968 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

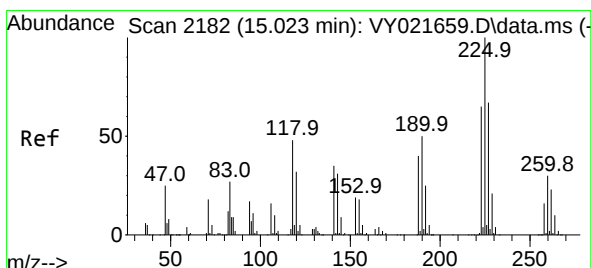
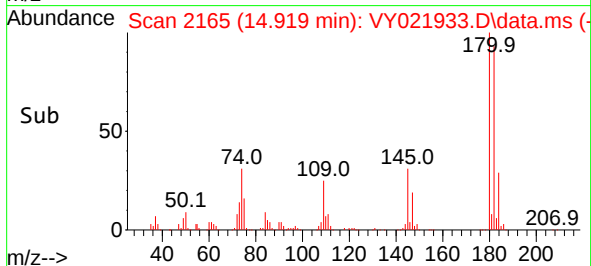
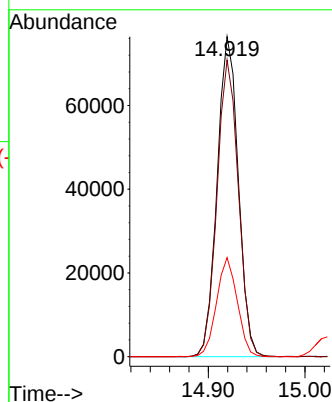
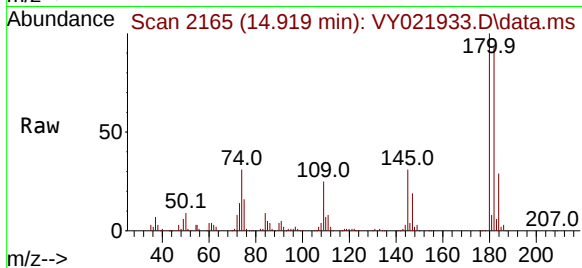
Tgt Ion:180 Resp: 116103

Ion Ratio Lower Upper

180 100

182 93.4 47.5 142.6

145 30.4 14.9 44.9



#94

Hexachlorobutadiene

Concen: 50.636 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

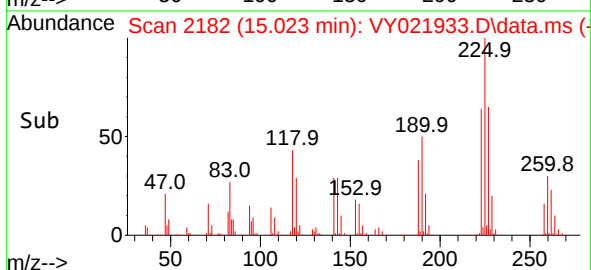
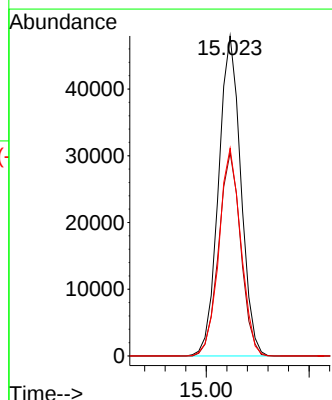
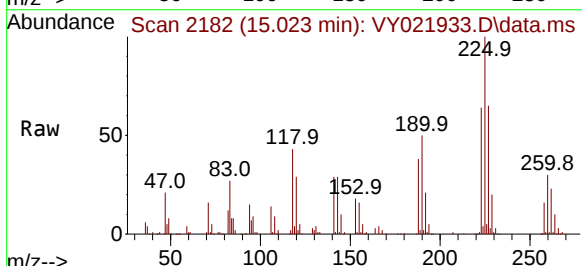
Tgt Ion:225 Resp: 72038

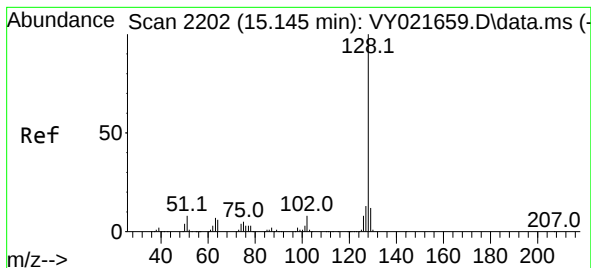
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.7

227 63.6 32.4 97.0





#95

Naphthalene

Concen: 52.313 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

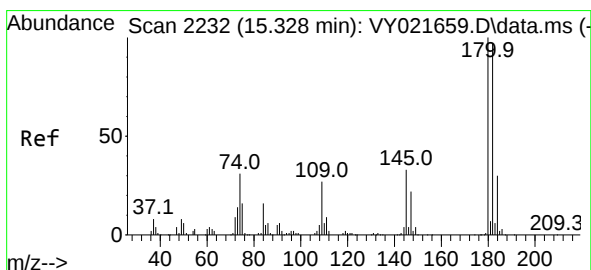
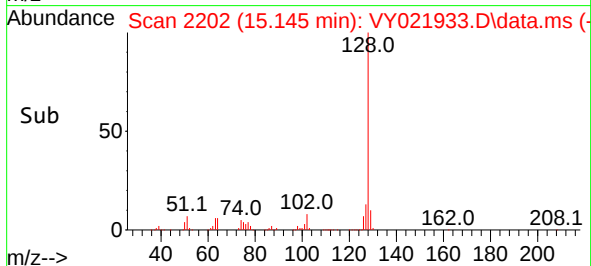
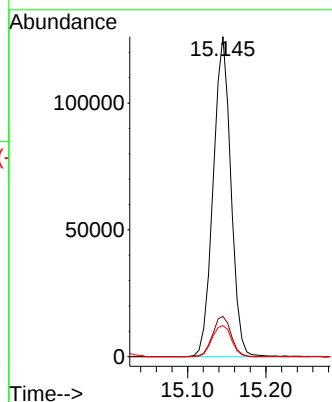
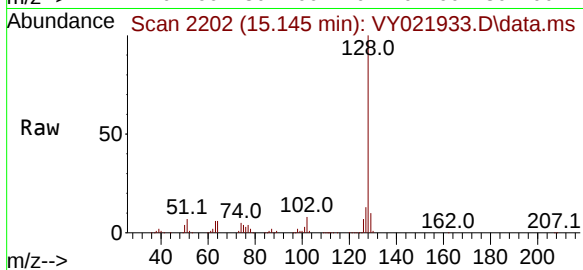
Tgt Ion:128 Resp: 197521

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.085 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021933.D

Acq: 18 Apr 2025 16:06

Tgt Ion:180 Resp: 99233

Ion Ratio Lower Upper

180 100

182 96.2 47.5 142.5

145 32.3 15.9 47.7

