

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
 Data File : VY022536.D
 Acq On : 03 Jun 2025 20:51
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 04 04:18:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	166062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	290559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	247870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	116307	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	100440	54.078	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.160%	
35) Dibromofluoromethane	7.634	113	93036	53.645	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.300%	
50) Toluene-d8	10.103	98	370610	52.887	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.780%	
62) 4-Bromofluorobenzene	12.402	95	107560	51.515	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	64538	43.409	ug/l	95
3) Chloromethane	2.062	50	249960	56.910	ug/l	99
4) Vinyl Chloride	2.202	62	304232	59.708	ug/l	98
5) Bromomethane	2.592	94	230941	47.288	ug/l	99
6) Chloroethane	2.732	64	197595	56.499	ug/l	91
7) Trichlorofluoromethane	3.043	101	239701	55.414	ug/l	99
8) Diethyl Ether	3.452	74	50449	51.788	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	87472	48.014	ug/l	99
10) Methyl Iodide	4.001	142	97700	49.555	ug/l	98
11) Tert butyl alcohol	4.878	59	32054	241.634	ug/l	100
12) 1,1-Dichloroethene	3.787	96	85972	49.369	ug/l	97
13) Acrolein	3.653	56	34492	208.635	ug/l	99
14) Allyl chloride	4.379	41	134044	49.032	ug/l	99
15) Acrylonitrile	5.061	53	106566	258.303	ug/l	100
16) Acetone	3.879	43	76951	204.010	ug/l	98
17) Carbon Disulfide	4.104	76	272880	48.945	ug/l	100
18) Methyl Acetate	4.385	43	64722	57.944	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	252752	51.530	ug/l	95
20) Methylene Chloride	4.610	84	103775	48.434	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	99855	51.234	ug/l	98
22) Diisopropyl ether	6.019	45	309614	50.880	ug/l	98
23) Vinyl Acetate	5.964	43	872923	242.366	ug/l	100
24) 1,1-Dichloroethane	5.909	63	186627	52.059	ug/l	100
25) 2-Butanone	6.896	43	130543	239.934	ug/l	99
26) 2,2-Dichloropropane	6.884	77	141764	44.756	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	118957	52.805	ug/l	99
28) Bromochloromethane	7.244	49	81360	52.064	ug/l	98
29) Tetrahydrofuran	7.262	42	88912	253.372	ug/l	98
30) Chloroform	7.421	83	191144	53.831	ug/l	96
31) Cyclohexane	7.701	56	159421	44.669	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	163575	51.894	ug/l	100
36) 1,1-Dichloropropene	7.835	75	135585	48.169	ug/l	100
37) Ethyl Acetate	6.988	43	62043	49.427	ug/l	99
38) Carbon Tetrachloride	7.817	117	138842	48.083	ug/l	97
39) Methylcyclohexane	9.109	83	172541	45.614	ug/l	98
40) Benzene	8.079	78	425567	51.189	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	31589	43.084	ug/l	90
42) 1,2-Dichloroethane	8.158	62	115630	50.939	ug/l	100
43) Isopropyl Acetate	8.195	43	131831	48.629	ug/l	99
44) Trichloroethene	8.866	130	102849	50.618	ug/l	96
45) 1,2-Dichloropropane	9.140	63	98157	49.958	ug/l	97
46) Dibromomethane	9.231	93	56522	51.134	ug/l	98
47) Bromodichloromethane	9.420	83	146284	52.192	ug/l	99
48) Methyl methacrylate	9.219	41	61711	48.502	ug/l	96
49) 1,4-Dioxane	9.231	88	13528	1033.044	ug/l	95
51) 4-Methyl-2-Pentanone	9.993	43	337478	249.686	ug/l	98
52) Toluene	10.170	92	264244	50.578	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	128425	48.903	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	151178	49.453	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	71912	51.020	ug/l	97
56) Ethyl methacrylate	10.438	69	100924	49.541	ug/l	98
57) 1,3-Dichloropropane	10.713	76	128157	51.300	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	140012	151.378	ug/l	99
59) 2-Hexanone	10.755	43	224037	247.844	ug/l	99
60) Dibromochloromethane	10.908	129	90388	50.462	ug/l	99
61) 1,2-Dibromoethane	11.012	107	66866	52.050	ug/l	96
64) Tetrachloroethene	10.646	164	113736	53.342	ug/l	94
65) Chlorobenzene	11.438	112	280496	51.138	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	93891	50.813	ug/l	99
67) Ethyl Benzene	11.518	91	509853	50.115	ug/l	99
68) m/p-Xylenes	11.627	106	387428	100.456	ug/l	99
69) o-Xylene	11.950	106	183057	50.625	ug/l	99
70) Styrene	11.969	104	306334	51.252	ug/l	99
71) Bromoform	12.127	173	50026	50.877	ug/l #	100
73) Isopropylbenzene	12.249	105	472687	49.502	ug/l	99
74) N-amyl acetate	12.066	43	121215	50.310	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	75257	48.020	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	107768	80.992	ug/l #	100
77) Bromobenzene	12.530	156	100763	50.006	ug/l	99
78) n-propylbenzene	12.590	91	577009	49.474	ug/l	99
79) 2-Chlorotoluene	12.676	91	310881	50.294	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	373572	49.832	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	23497	42.645	ug/l	97
82) 4-Chlorotoluene	12.773	91	310489	48.691	ug/l	98
83) tert-Butylbenzene	12.993	119	341012	50.683	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	376096	50.160	ug/l	100
85) sec-Butylbenzene	13.170	105	505174	49.023	ug/l	100
86) p-Isopropyltoluene	13.292	119	415739	48.945	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	204862	50.179	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	197352	49.839	ug/l	99
89) n-Butylbenzene	13.615	91	393731	48.858	ug/l	100
90) Hexachloroethane	13.877	117	82732	50.031	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	176409	50.893	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11440	50.137	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	94854	50.174	ug/l	96
94) Hexachlorobutadiene	15.023	225	50011	47.930	ug/l	99
95) Naphthalene	15.139	128	186479	51.402	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	81365	50.220	ug/l	99

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QLast Update : Tue Jun 03 03:22:04 2025
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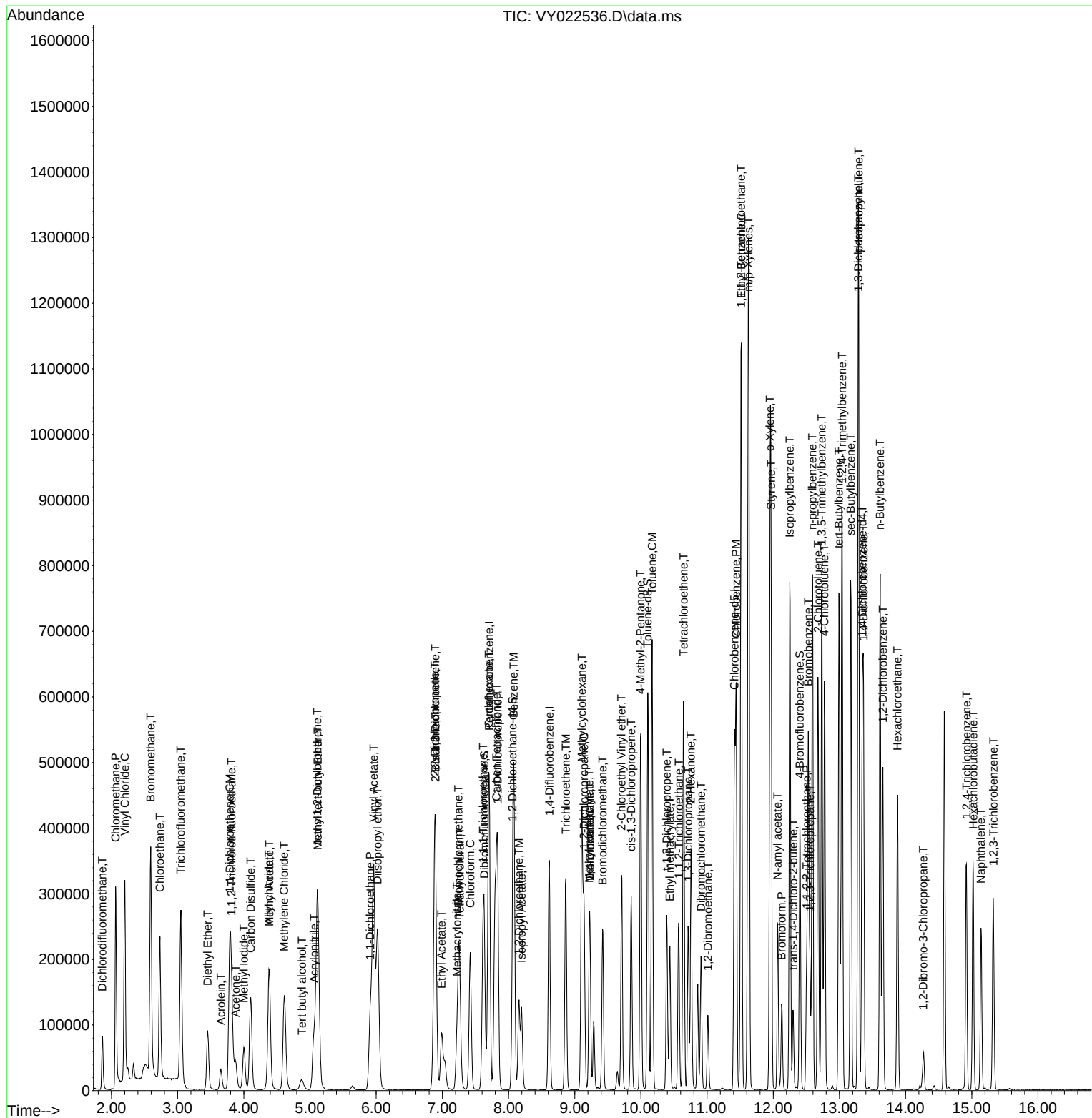
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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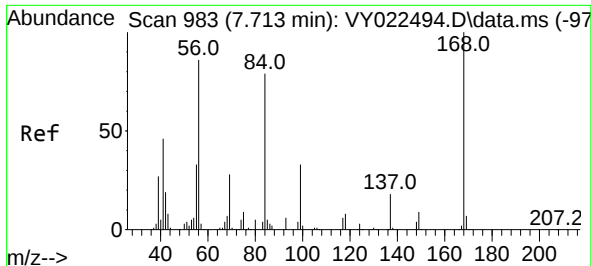
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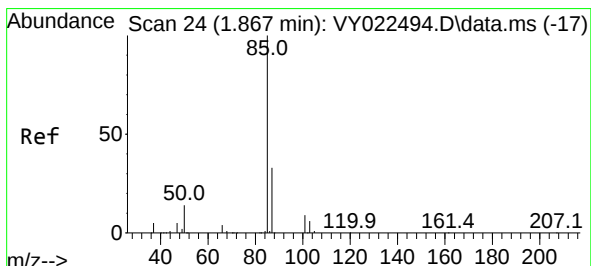
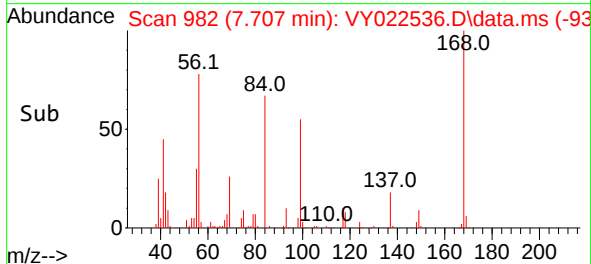
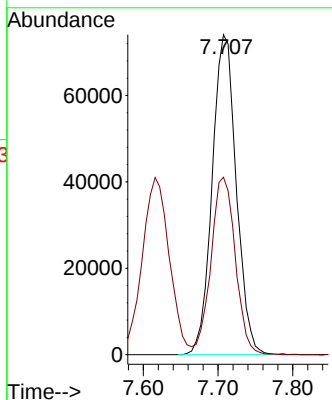
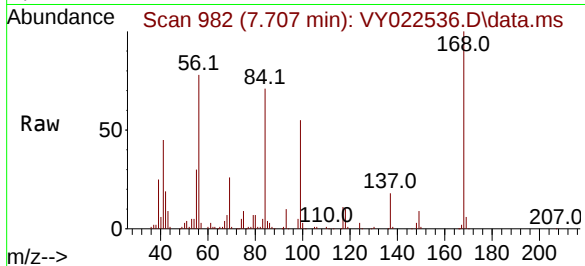




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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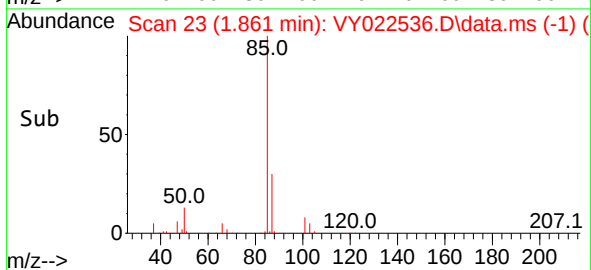
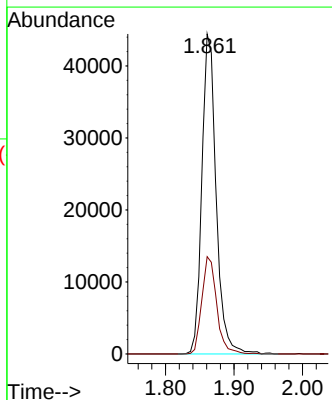
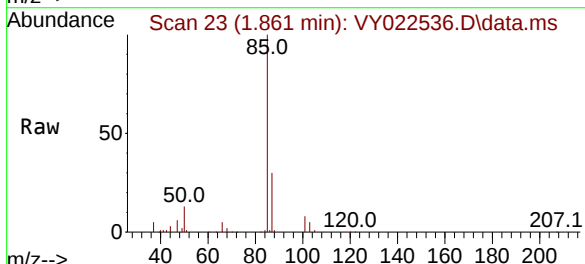
Instrument :
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ClientSampleId :
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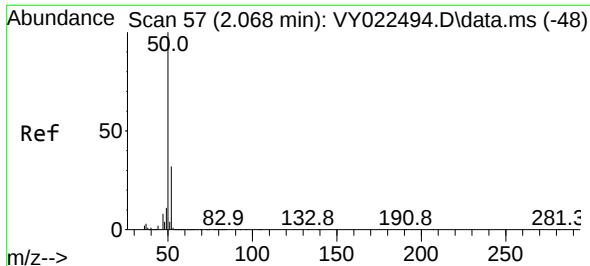
Tgt Ion:168 Resp: 166062
Ion Ratio Lower Upper
168 100
99 55.4 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 43.409 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 85 Resp: 64538
Ion Ratio Lower Upper
85 100
87 30.4 16.7 50.0

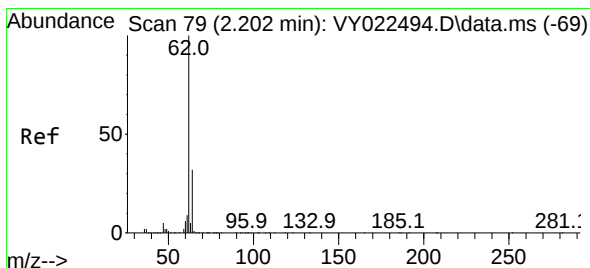
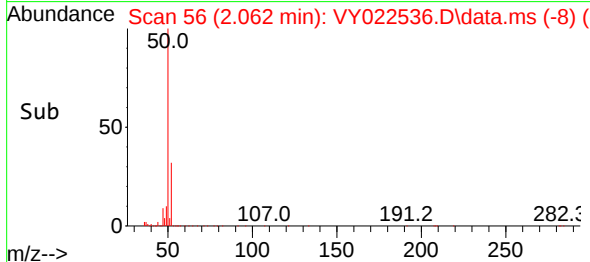
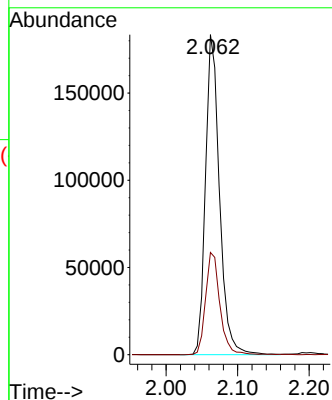
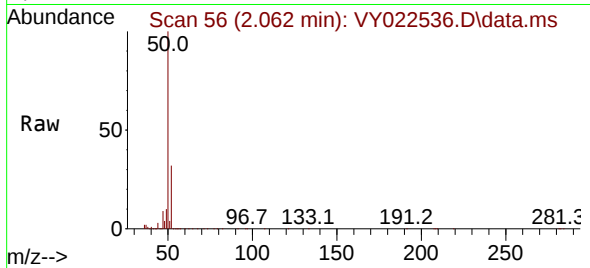




#3
Chloromethane
Concen: 56.910 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

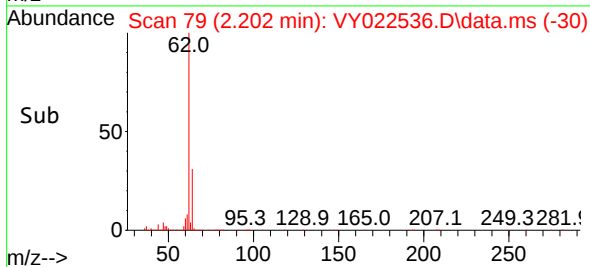
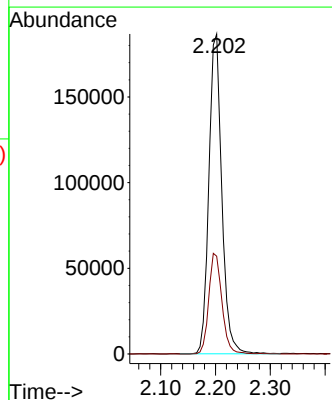
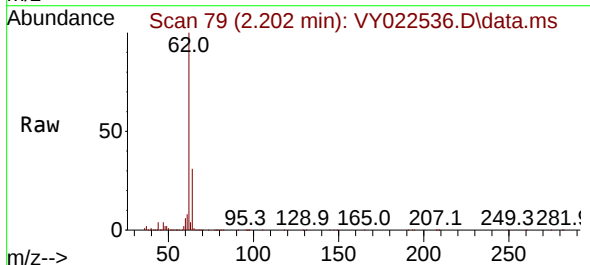
Instrument :
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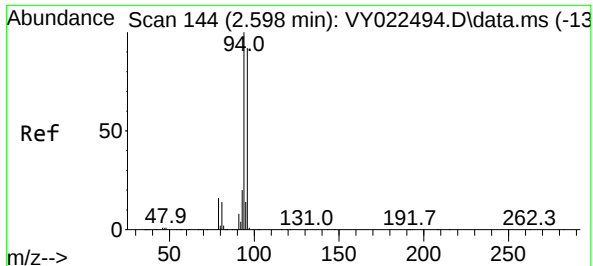
Tgt Ion: 50 Resp: 249960
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0



#4
Vinyl Chloride
Concen: 59.708 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022536.D
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Tgt Ion: 62 Resp: 304232
Ion Ratio Lower Upper
62 100
64 30.6 25.3 37.9

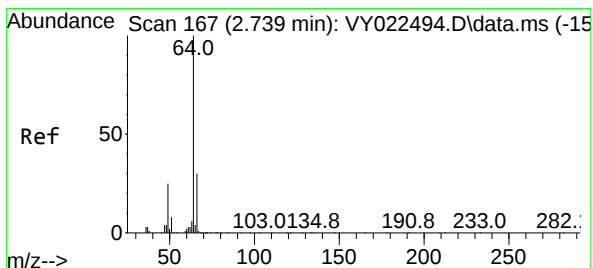
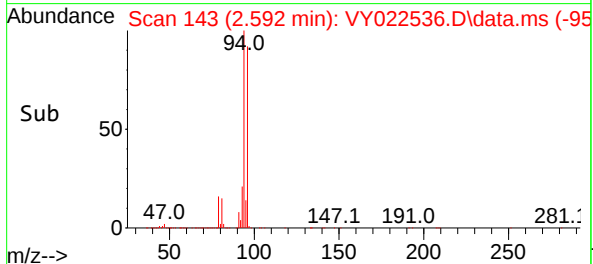
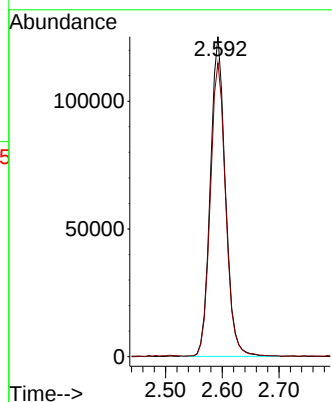
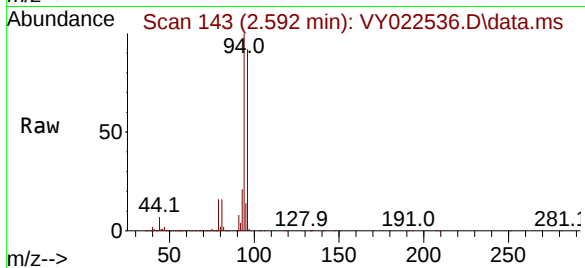




#5
Bromomethane
Concen: 47.288 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022536.D
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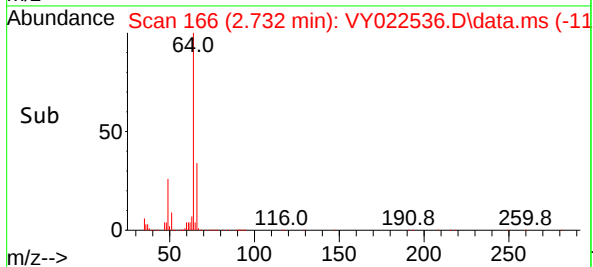
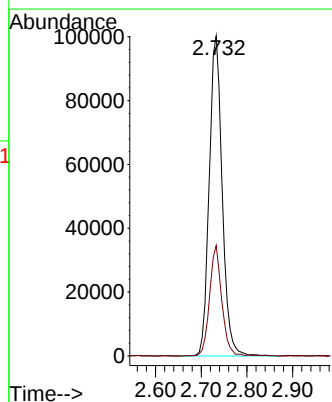
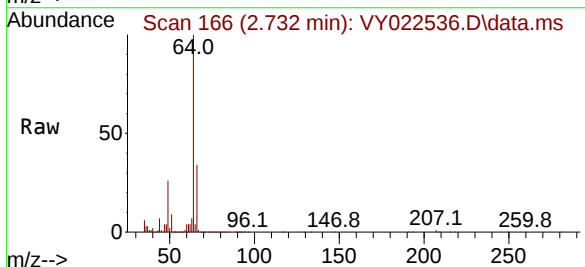
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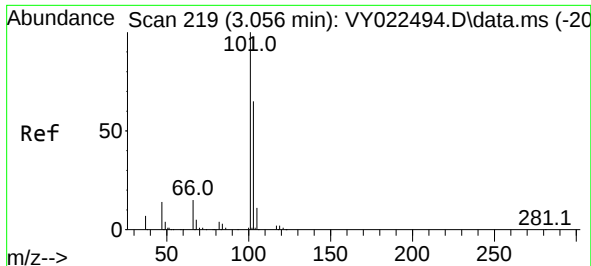
Tgt Ion: 94 Resp: 230941
Ion Ratio Lower Upper
94 100
96 91.7 74.0 111.0



#6
Chloroethane
Concen: 56.499 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022536.D
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Tgt Ion: 64 Resp: 197595
Ion Ratio Lower Upper
64 100
66 34.5 23.8 35.6

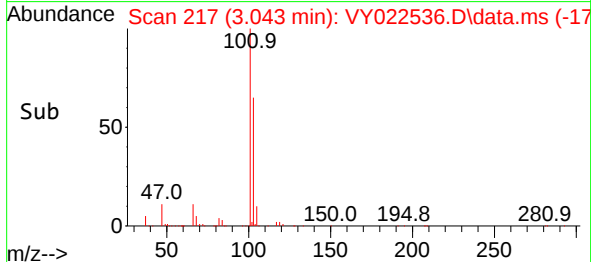
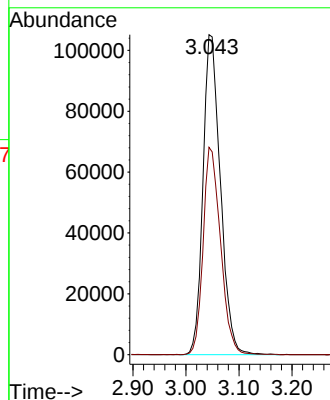
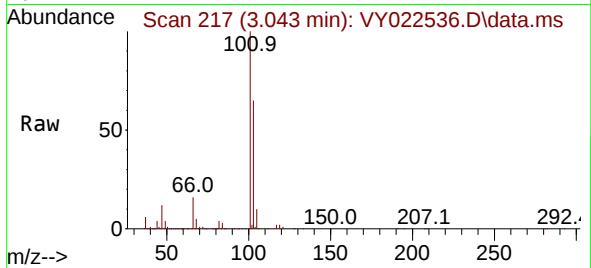




#7
Trichlorofluoromethane
Concen: 55.414 ug/l
RT: 3.043 min Scan# 219
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

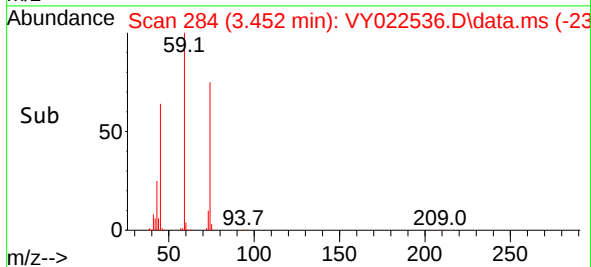
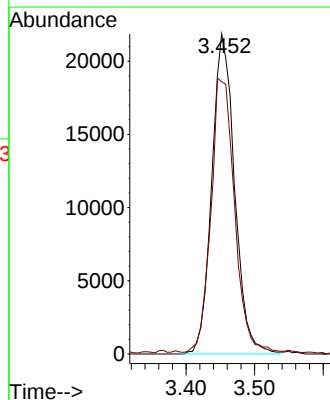
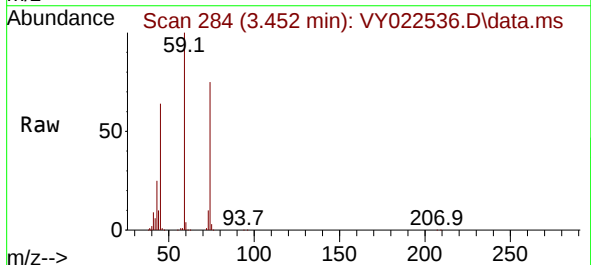
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 239701
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.2



#8
Diethyl Ether
Concen: 51.788 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 74 Resp: 50449
Ion Ratio Lower Upper
74 100
45 88.6 45.9 137.6

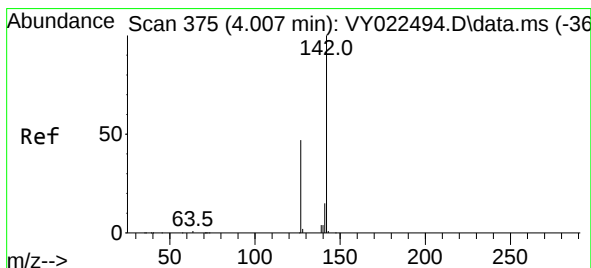
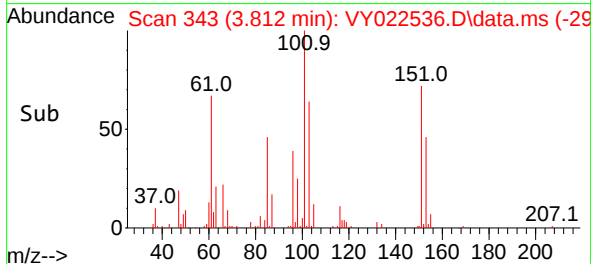
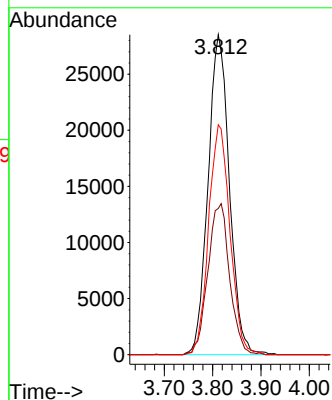
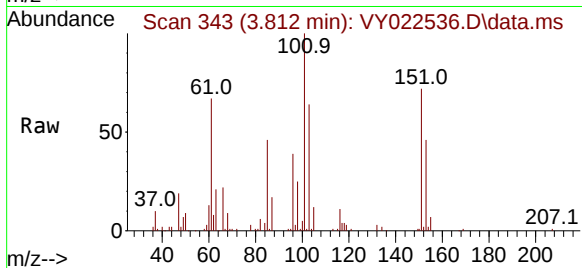




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.014 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

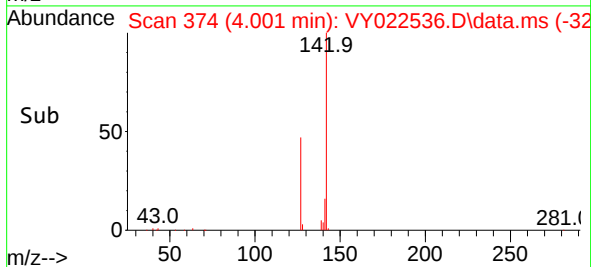
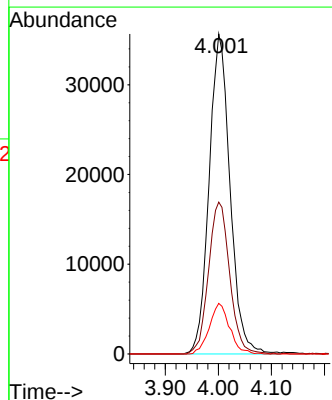
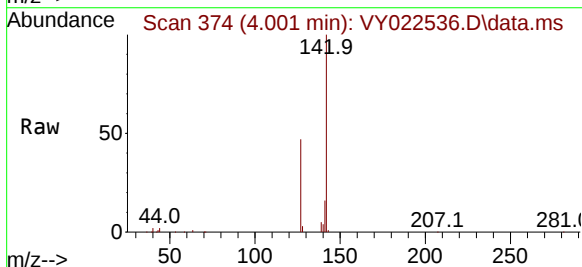
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

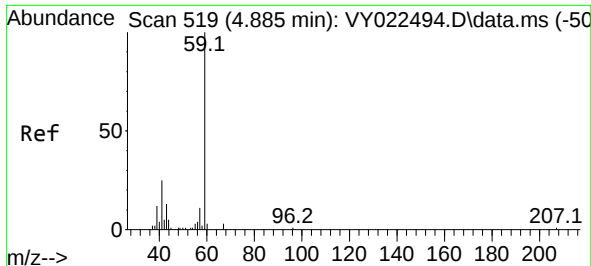
Tgt Ion:101 Resp: 87472
Ion Ratio Lower Upper
101 100
85 48.2 39.3 58.9
151 71.8 57.8 86.8



#10
Methyl Iodide
Concen: 49.555 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:142 Resp: 97700
Ion Ratio Lower Upper
142 100
127 47.9 37.1 55.7
141 15.3 11.4 17.2

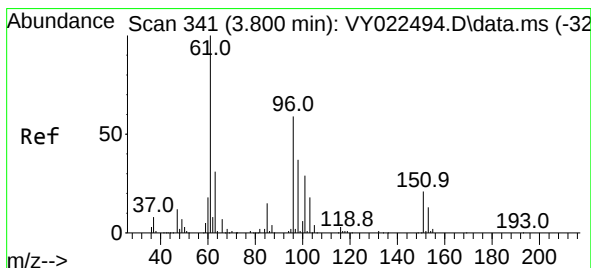
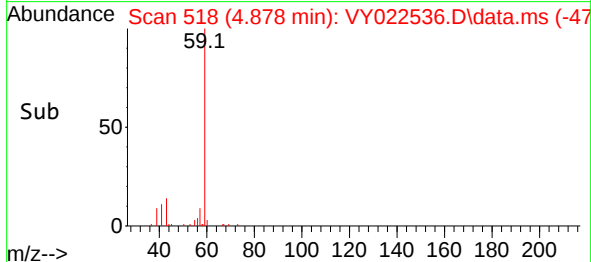
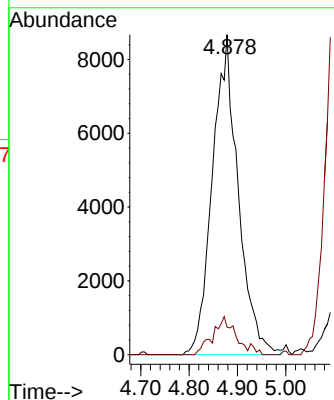
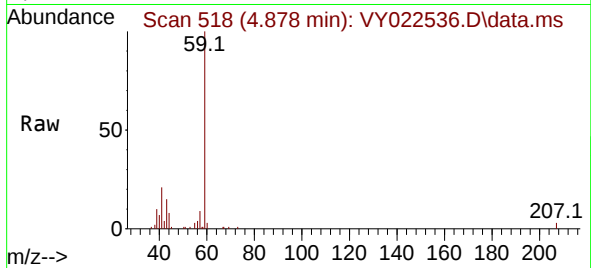




#11
Tert butyl alcohol
Concen: 241.634 ug/l
RT: 4.878 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

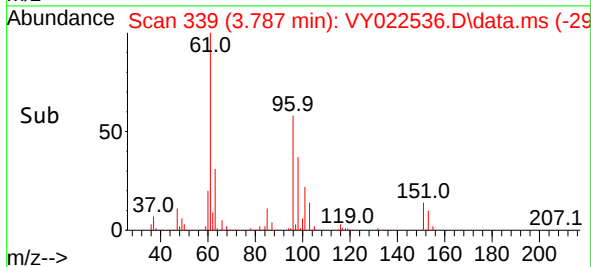
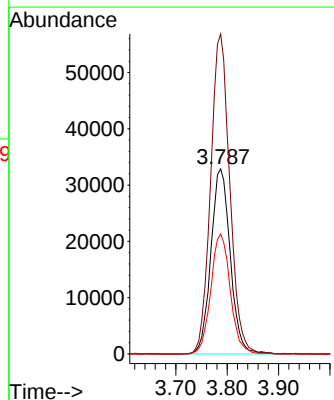
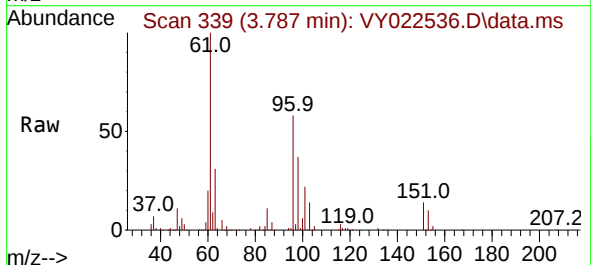
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

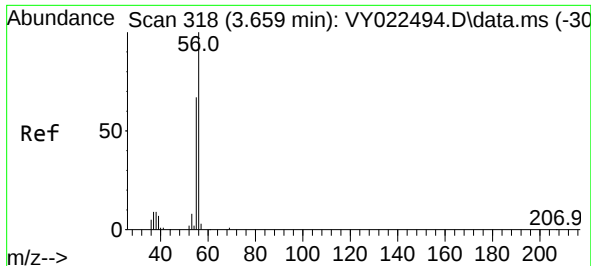
Tgt Ion: 59 Resp: 32054
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0



#12
1,1-Dichloroethene
Concen: 49.369 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 96 Resp: 85972
Ion Ratio Lower Upper
96 100
61 172.9 134.6 201.8
98 64.8 50.2 75.4

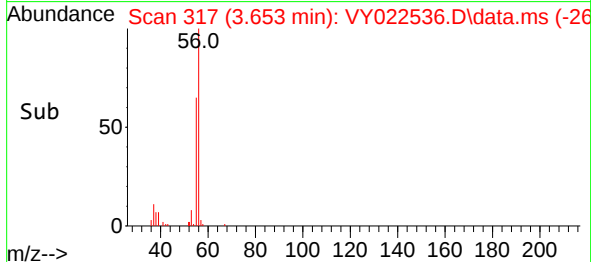
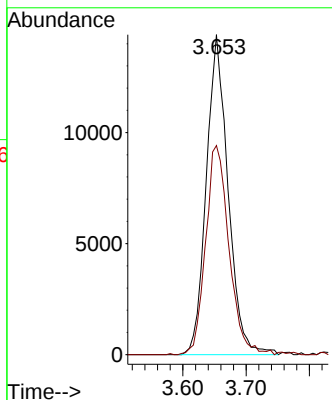
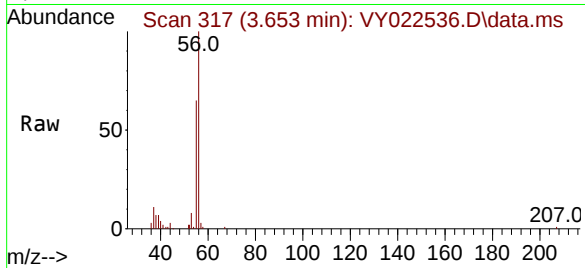




#13
Acrolein
Concen: 208.635 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

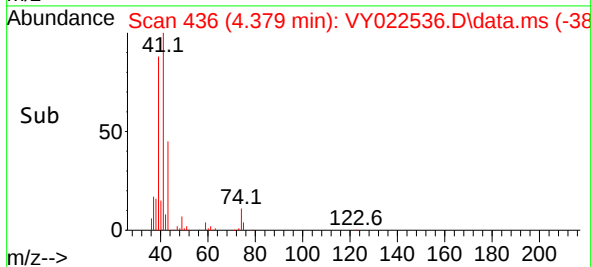
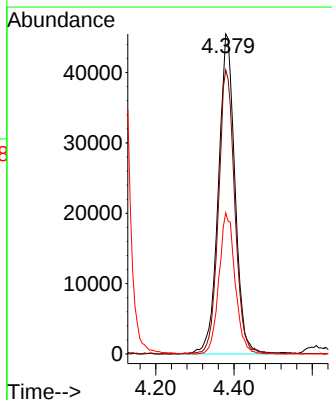
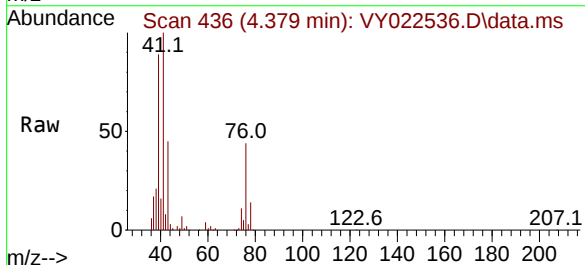
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

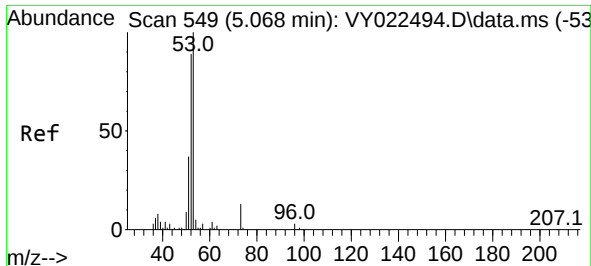
Tgt Ion: 56 Resp: 34492
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.6



#14
Allyl chloride
Concen: 49.032 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 41 Resp: 134044
Ion Ratio Lower Upper
41 100
39 87.2 69.1 103.7
76 42.8 33.5 50.3

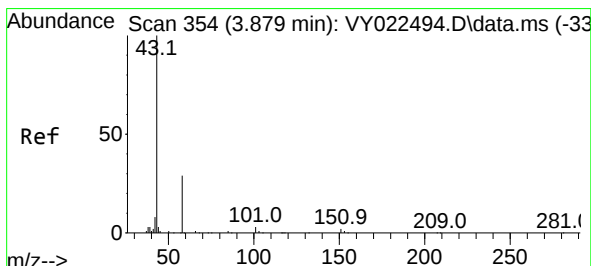
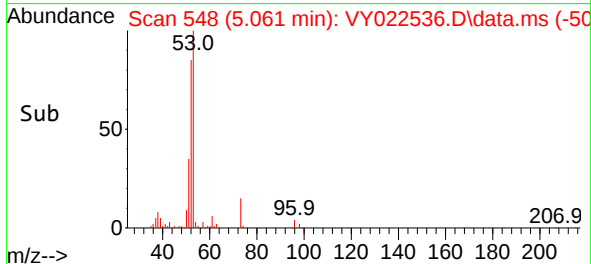
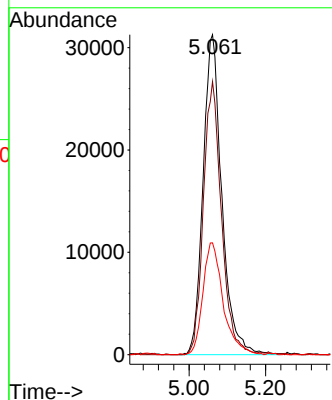
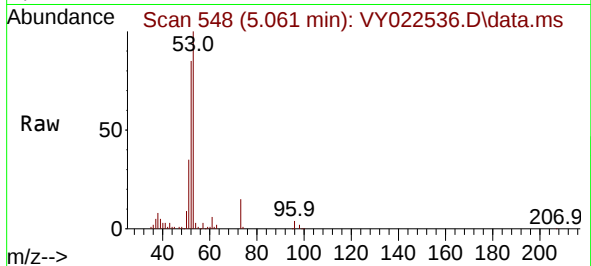




#15
Acrylonitrile
Concen: 258.303 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

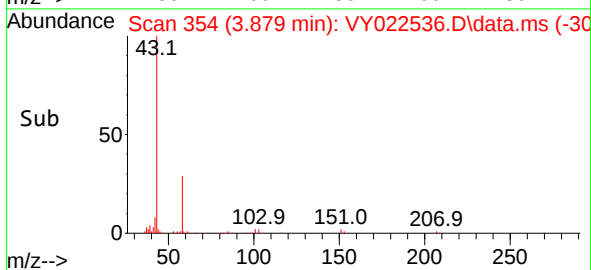
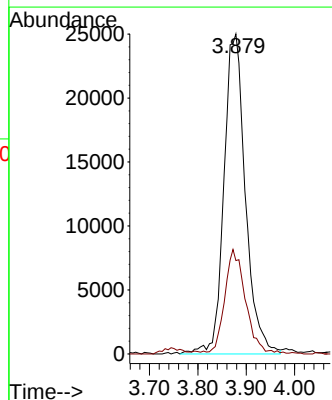
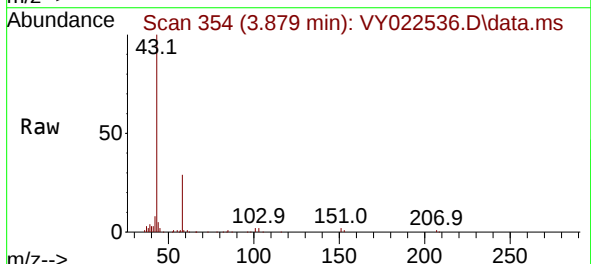
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

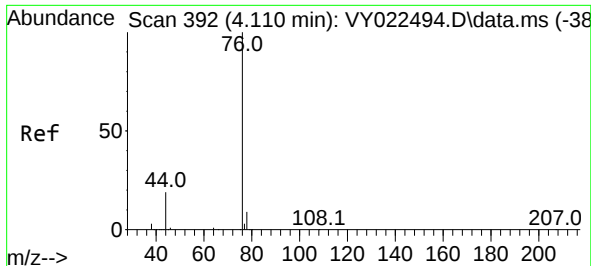
Tgt Ion: 53 Resp: 106566
Ion Ratio Lower Upper
53 100
52 82.0 65.7 98.5
51 37.7 30.1 45.1



#16
Acetone
Concen: 204.010 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 43 Resp: 76951
Ion Ratio Lower Upper
43 100
58 28.8 24.0 36.0

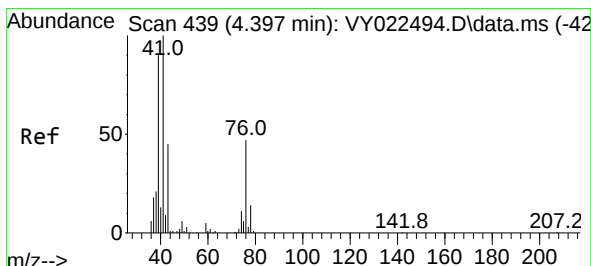
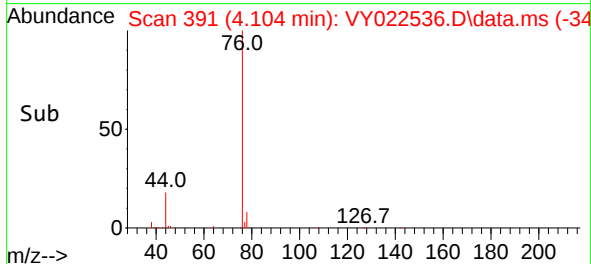
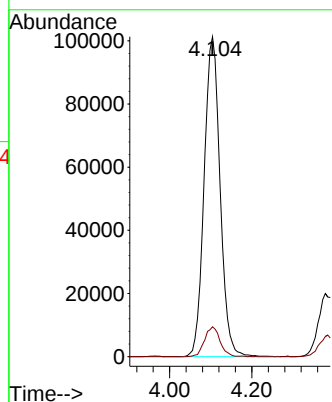
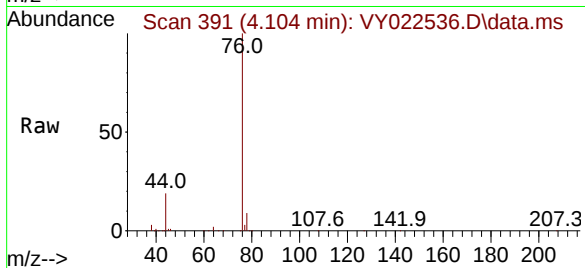




#17
Carbon Disulfide
Concen: 48.945 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

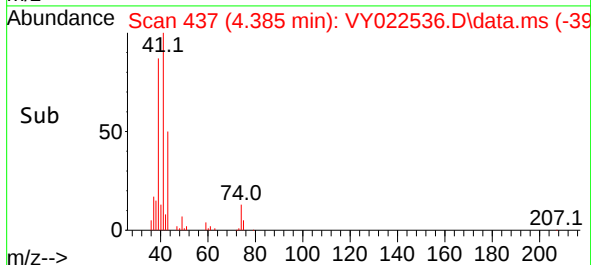
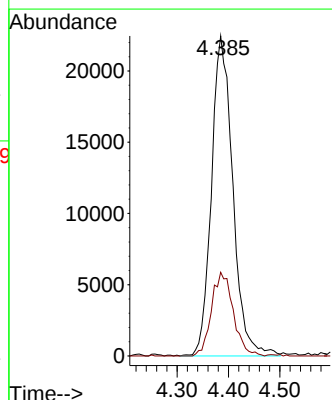
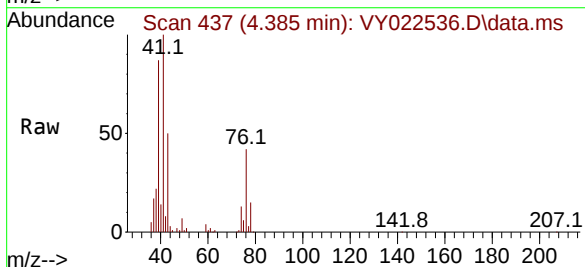
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

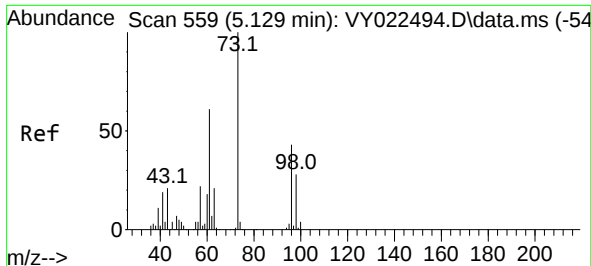
Tgt Ion: 76 Resp: 272880
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 57.944 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 43 Resp: 64722
Ion Ratio Lower Upper
43 100
74 26.6 19.8 29.6

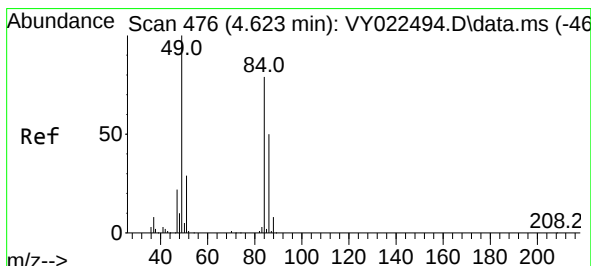
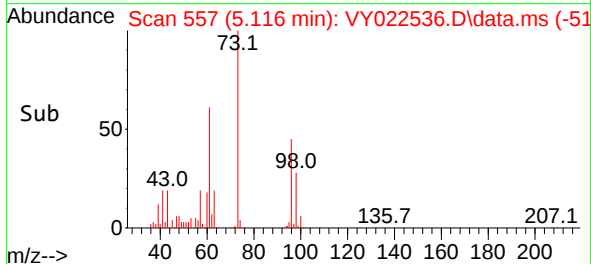
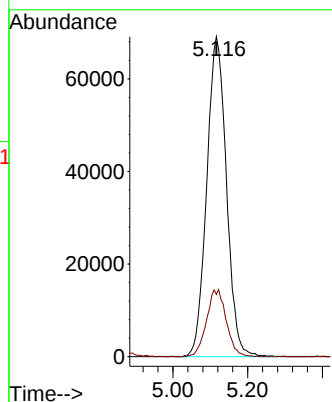
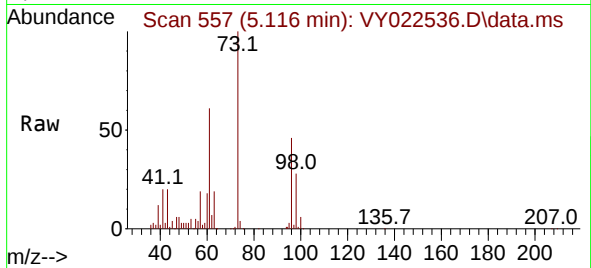




#19
Methyl tert-butyl Ether
Concen: 51.530 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

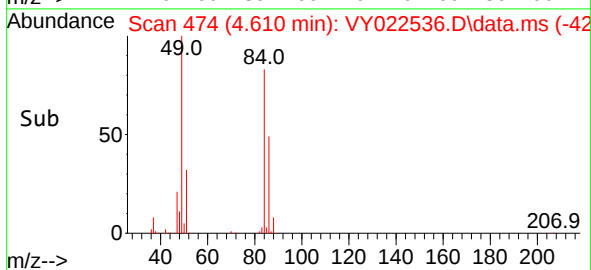
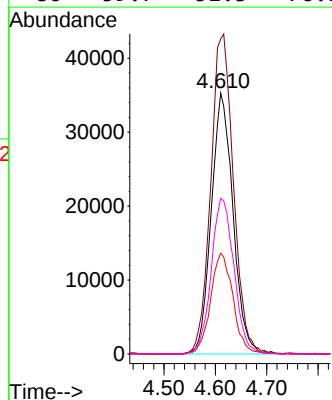
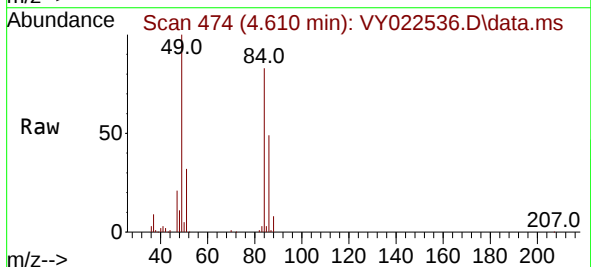
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

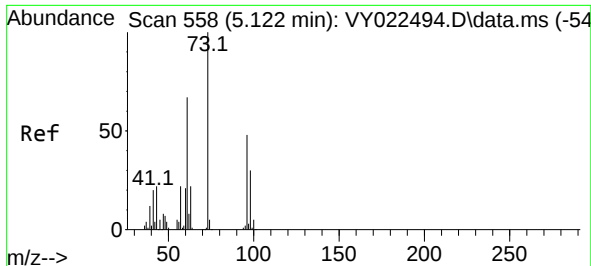
Tgt Ion: 73 Resp: 252752
Ion Ratio Lower Upper
73 100
57 19.4 17.4 26.0



#20
Methylene Chloride
Concen: 48.434 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 84 Resp: 103775
Ion Ratio Lower Upper
84 100
49 120.7 101.9 152.9
51 38.6 29.8 44.8
86 59.7 51.3 76.9

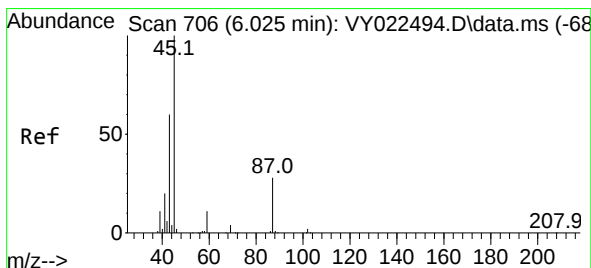
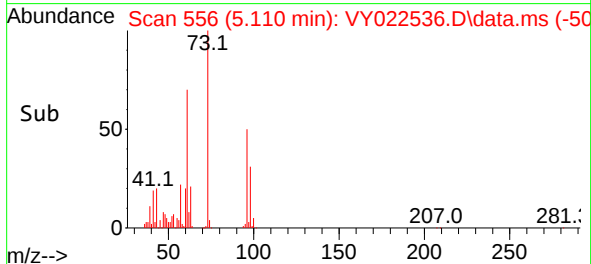
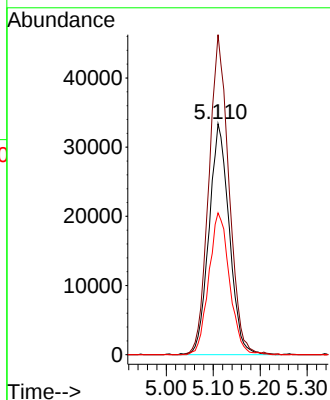
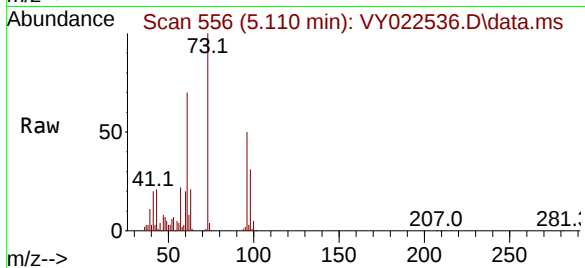




#21
trans-1,2-Dichloroethene
Concen: 51.234 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

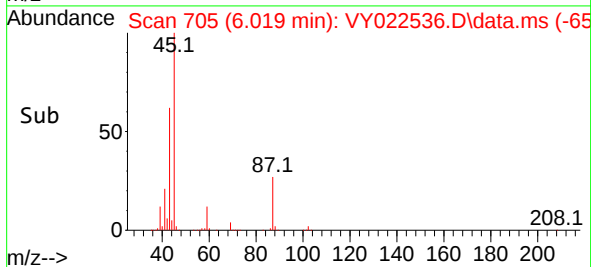
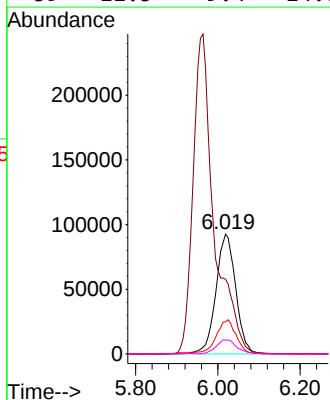
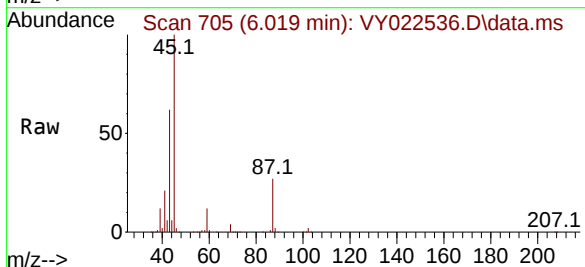
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 99855
Ion Ratio Lower Upper
96 100
61 138.6 112.6 169.0
98 61.4 50.6 75.8



#22
Diisopropyl ether
Concen: 50.880 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 45 Resp: 309614
Ion Ratio Lower Upper
45 100
43 61.9 48.3 72.5
87 26.9 23.0 34.6
59 11.5 9.4 14.0

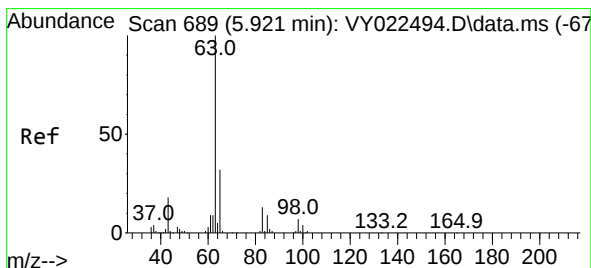
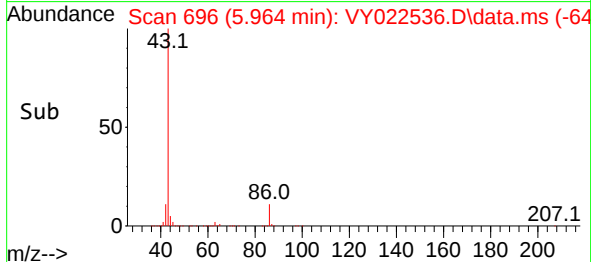
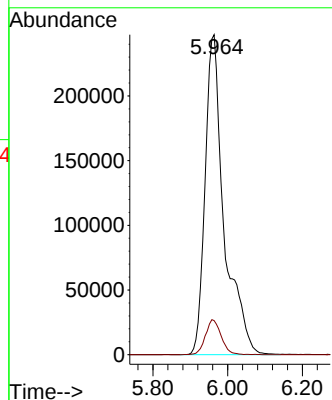
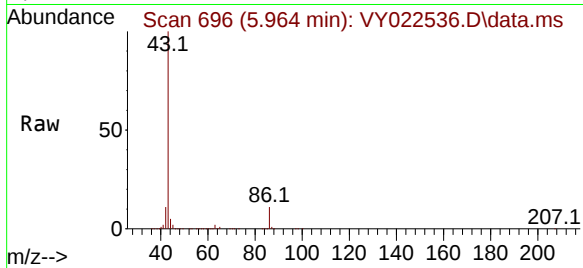




#23
 Vinyl Acetate
 Concen: 242.366 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY022536.D
 Acq: 03 Jun 2025 20:51

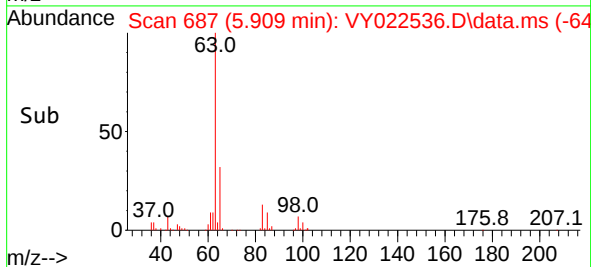
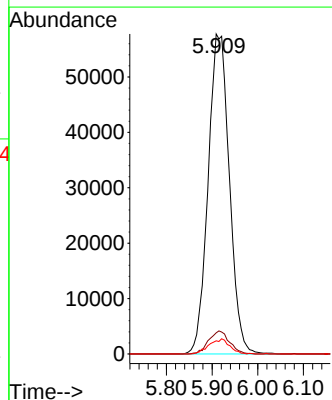
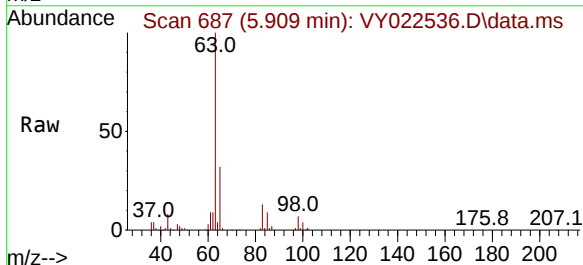
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

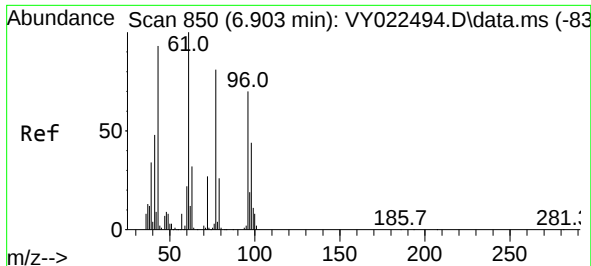
Tgt Ion: 43 Resp: 872923
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 52.059 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022536.D
 Acq: 03 Jun 2025 20:51

Tgt Ion: 63 Resp: 186627
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.1 2.1 6.3

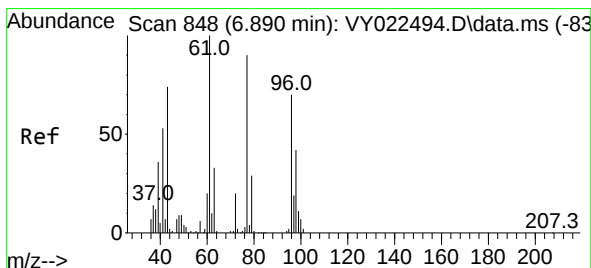
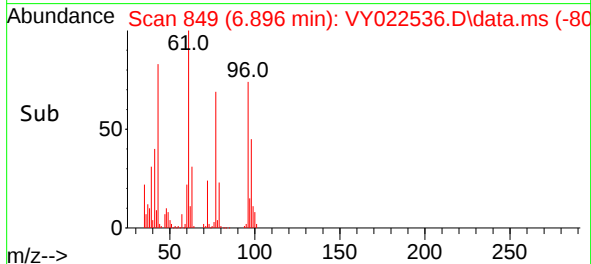
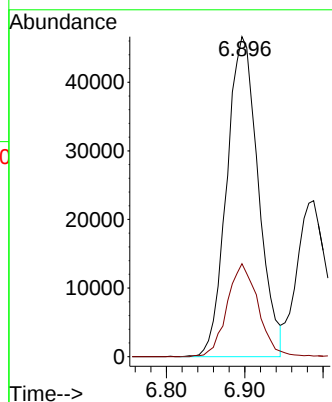
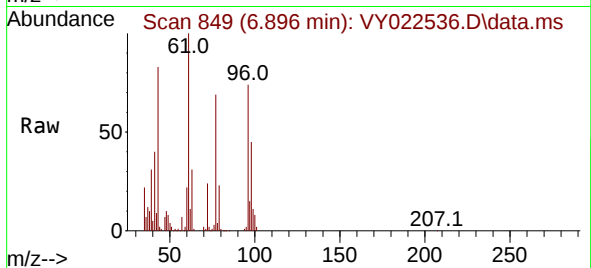




#25
2-Butanone
Concen: 239.934 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

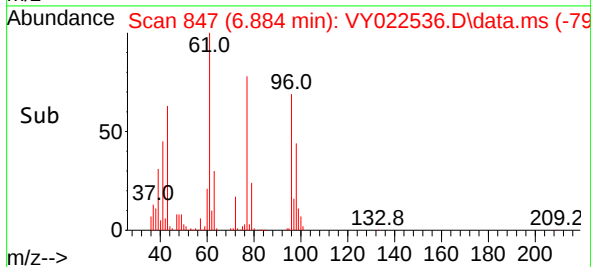
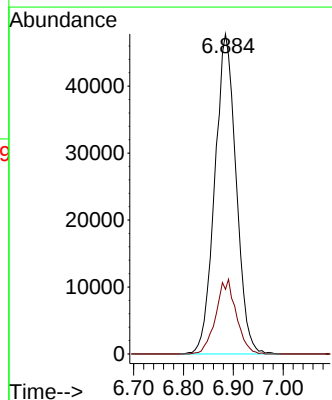
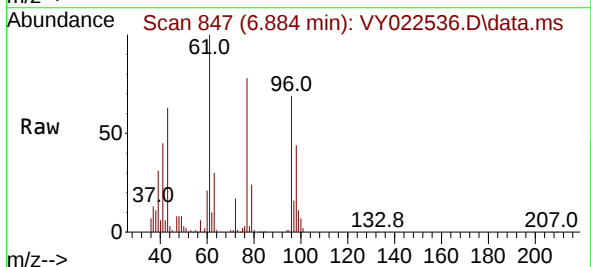
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 130543
Ion Ratio Lower Upper
43 100
72 29.0 22.9 34.3



#26
2,2-Dichloropropane
Concen: 44.756 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 77 Resp: 141764
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 52.805 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

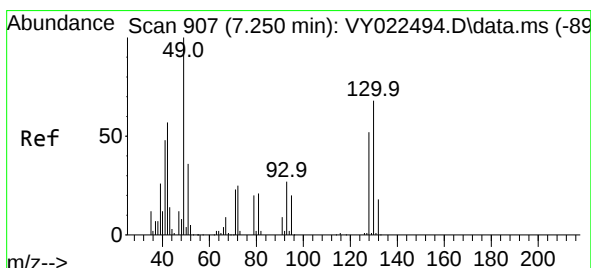
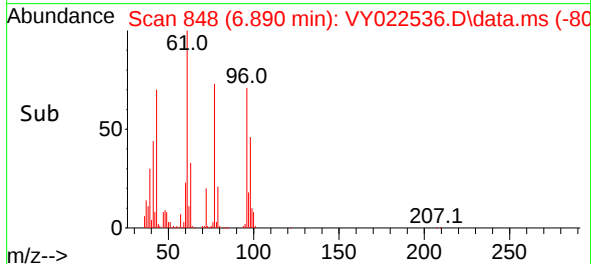
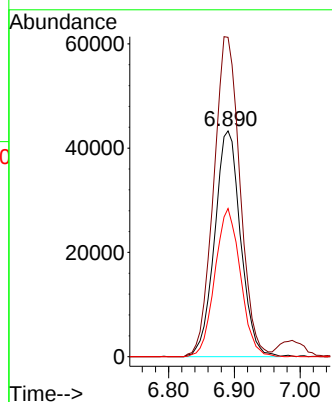
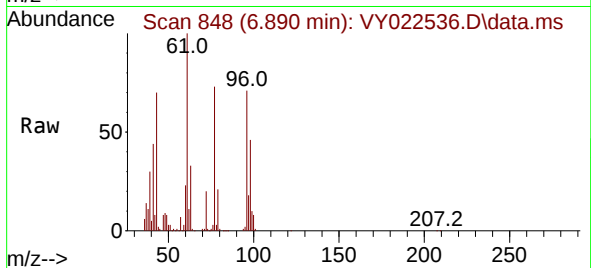
Tgt Ion: 96 Resp: 118957

Ion Ratio Lower Upper

96 100

61 143.6 0.0 290.0

98 64.8 0.0 128.4



#28

Bromochloromethane

Concen: 52.064 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

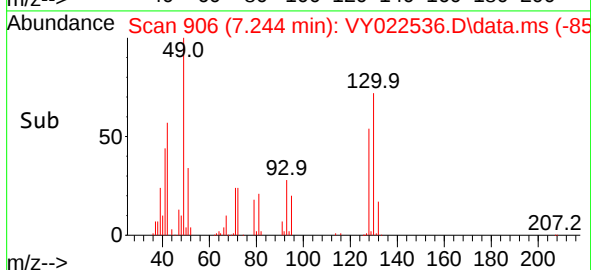
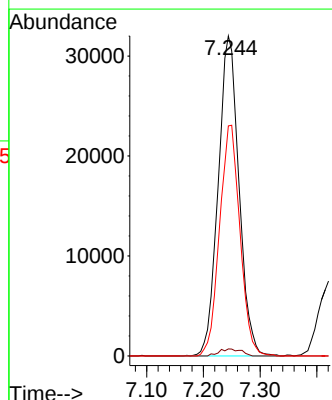
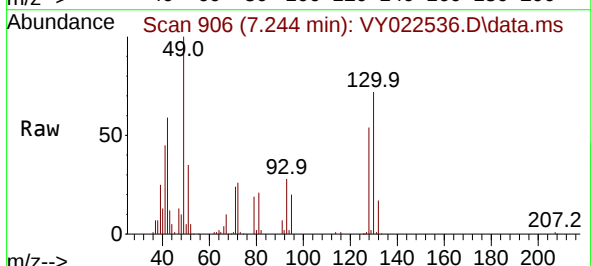
Tgt Ion: 49 Resp: 81360

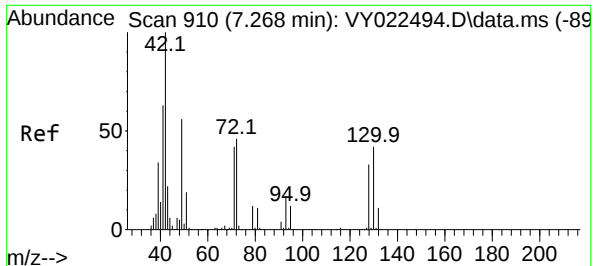
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.6

130 70.9 55.7 83.5





#29

Tetrahydrofuran

Concen: 253.372 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

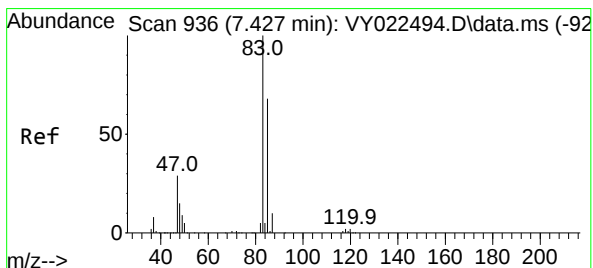
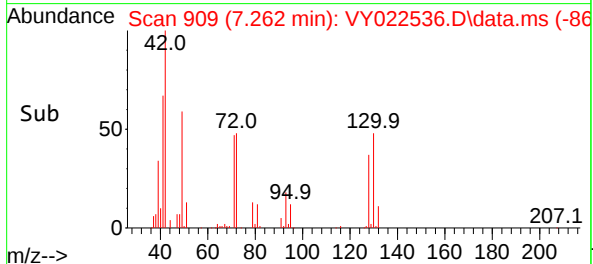
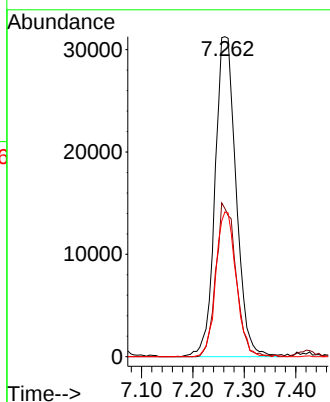
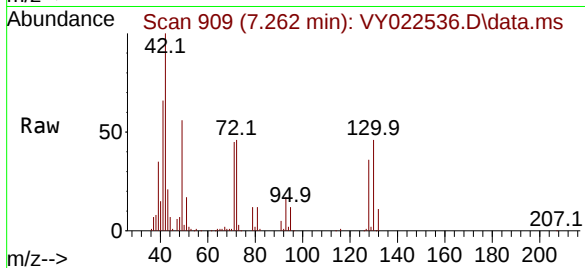
Tgt Ion: 42 Resp: 88912

Ion Ratio Lower Upper

42 100

72 45.6 37.4 56.2

71 43.9 34.2 51.2



#30

Chloroform

Concen: 53.831 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022536.D

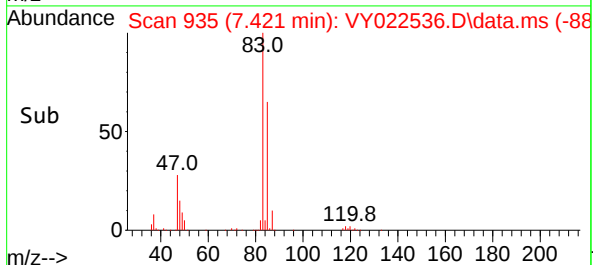
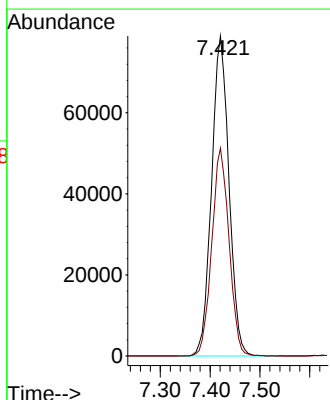
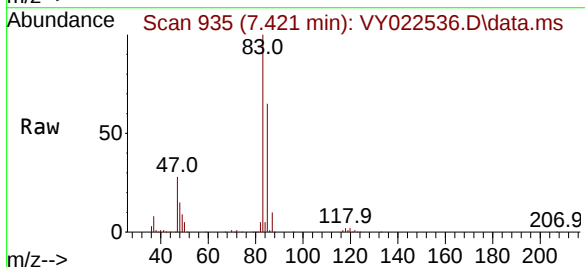
Acq: 03 Jun 2025 20:51

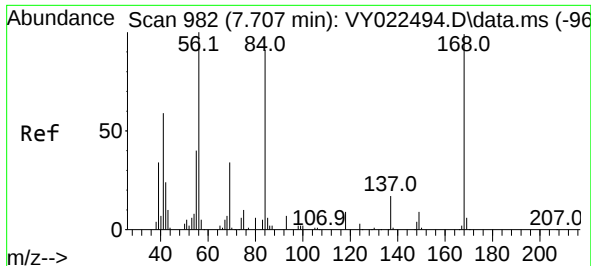
Tgt Ion: 83 Resp: 191144

Ion Ratio Lower Upper

83 100

85 64.9 54.2 81.4

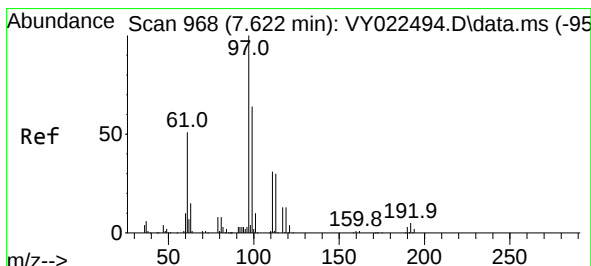
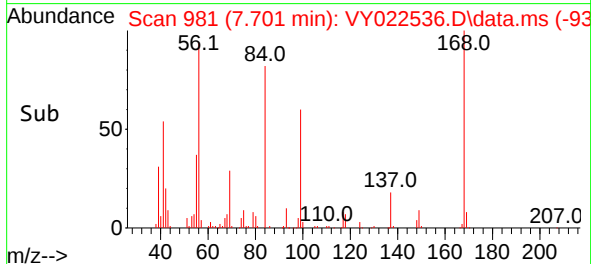
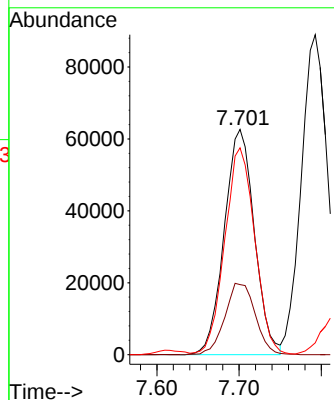
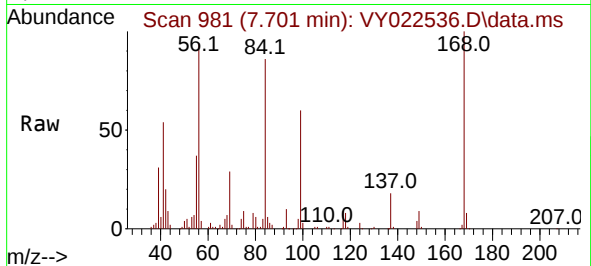




#31
Cyclohexane
Concen: 44.669 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

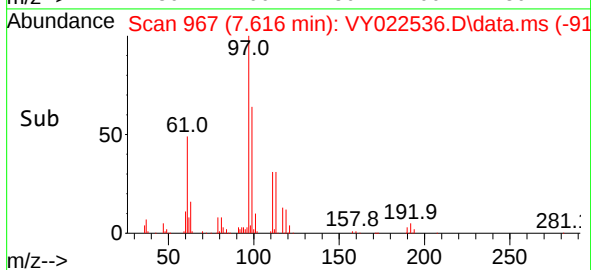
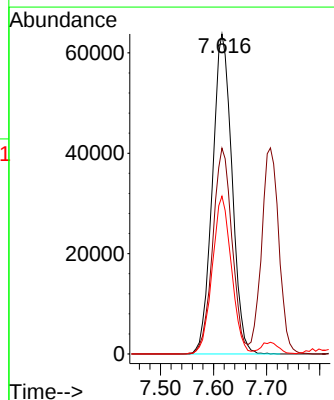
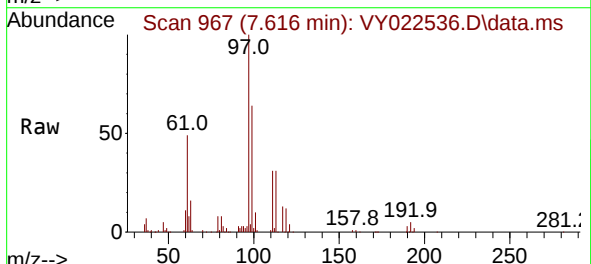
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

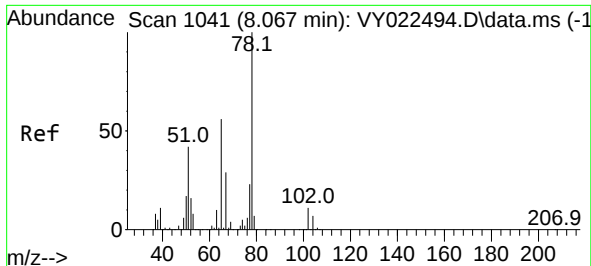
Tgt Ion: 56 Resp: 159421
Ion Ratio Lower Upper
56 100
69 31.1 27.0 40.6
84 90.4 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 51.894 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 97 Resp: 163575
Ion Ratio Lower Upper
97 100
99 63.7 50.9 76.3
61 48.4 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 54.078 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

Instrument :

MSVOA_Y

ClientSampleId :

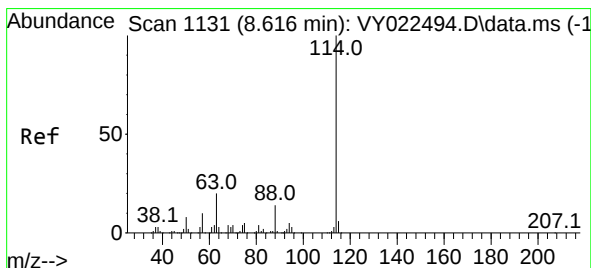
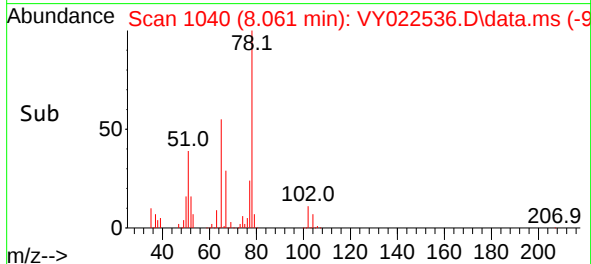
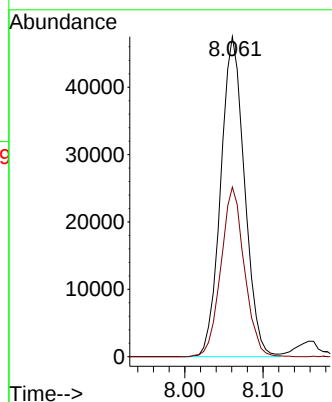
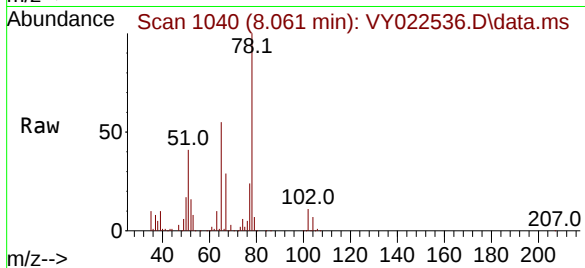
VSTDCCC050EC

Tgt Ion: 65 Resp: 100440

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

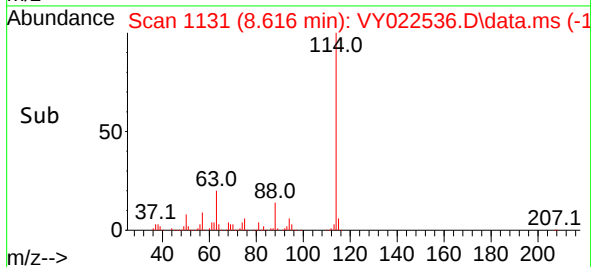
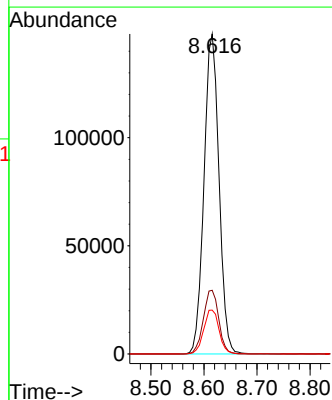
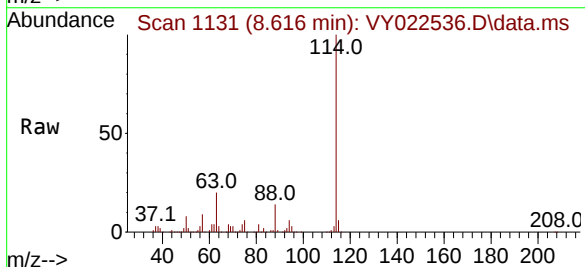
Tgt Ion: 114 Resp: 290559

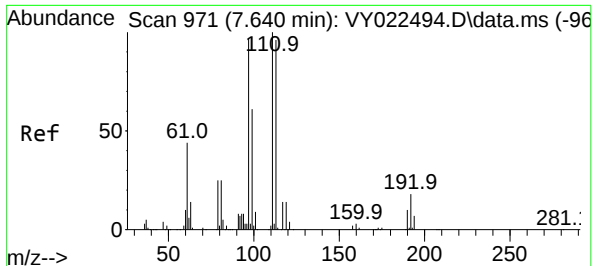
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 13.7 0.0 27.8





#35

Dibromofluoromethane

Concen: 53.645 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

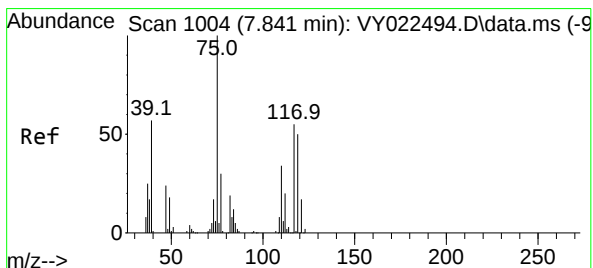
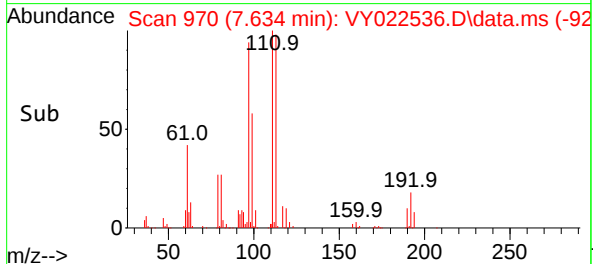
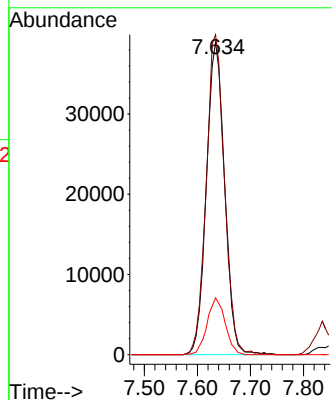
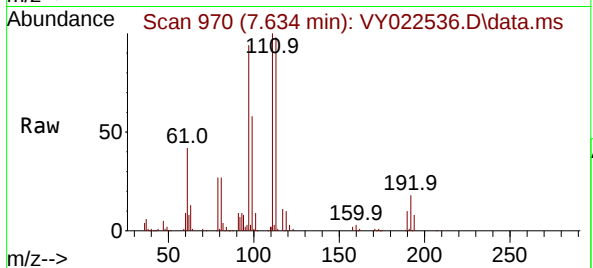
Tgt Ion:113 Resp: 93036

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

192 18.0 14.2 21.2



#36

1,1-Dichloropropene

Concen: 48.169 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

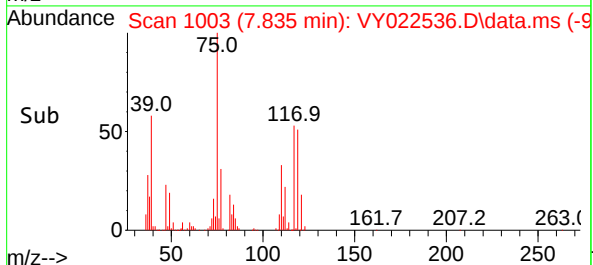
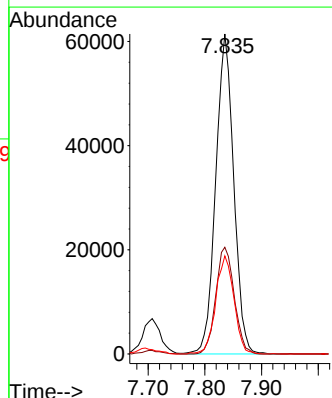
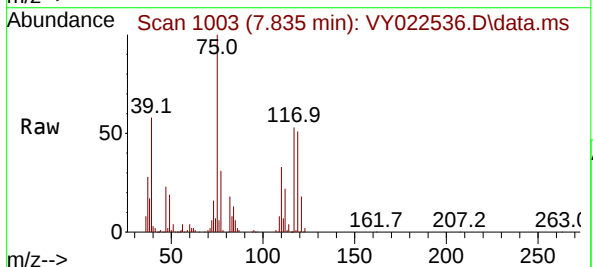
Tgt Ion: 75 Resp: 135585

Ion Ratio Lower Upper

75 100

110 34.2 16.9 50.7

77 31.0 24.8 37.2

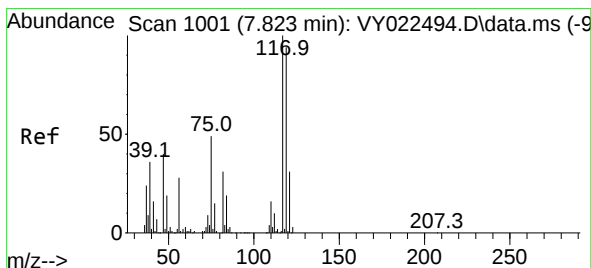
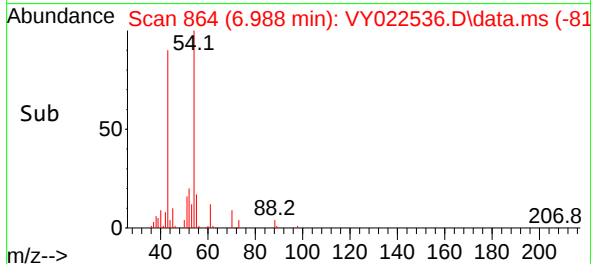
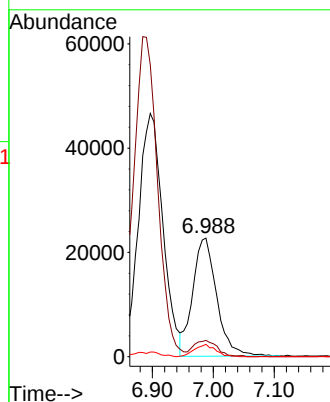
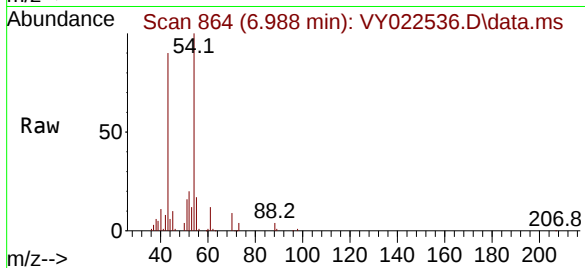




#37
Ethyl Acetate
Concen: 49.427 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

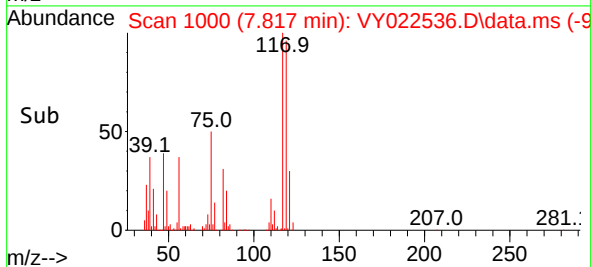
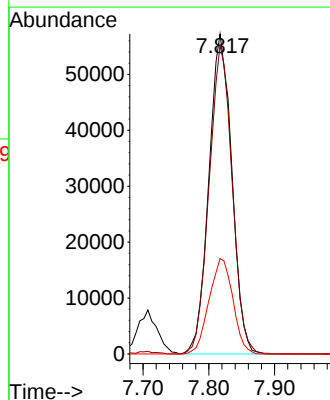
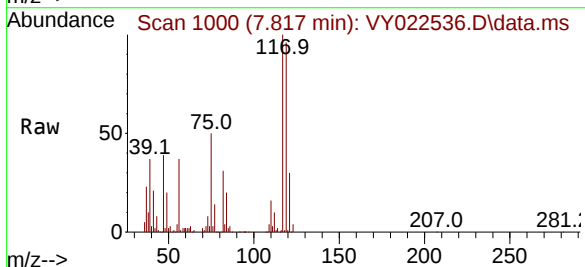
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

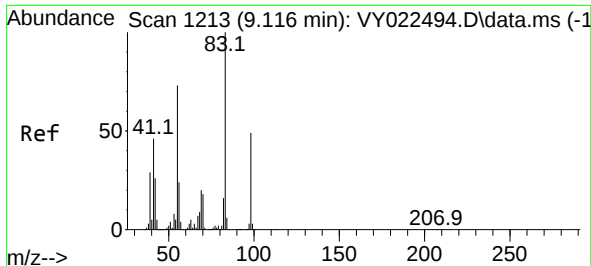
Tgt Ion: 43 Resp: 62043
Ion Ratio Lower Upper
43 100
61 14.0 11.5 17.3
70 9.1 7.2 10.8



#38
Carbon Tetrachloride
Concen: 48.083 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 117 Resp: 138842
Ion Ratio Lower Upper
117 100
119 96.4 75.0 112.6
121 29.8 25.0 37.4





#39

Methylcyclohexane

Concen: 45.614 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

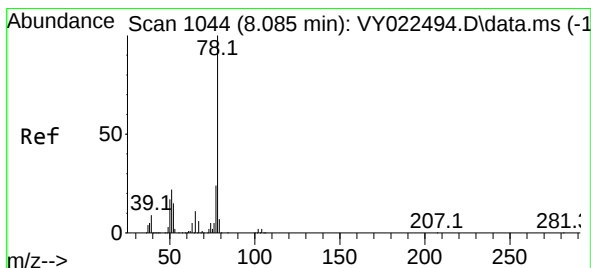
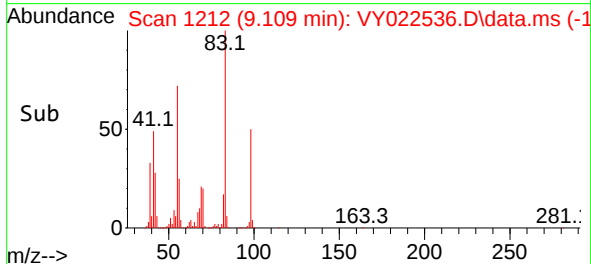
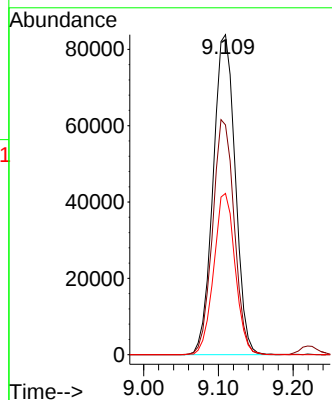
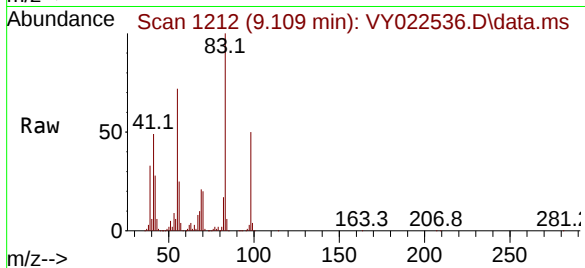
Tgt Ion: 83 Resp: 172541

Ion Ratio Lower Upper

83 100

55 71.8 58.1 87.1

98 50.4 39.0 58.6



#40

Benzene

Concen: 51.189 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022536.D

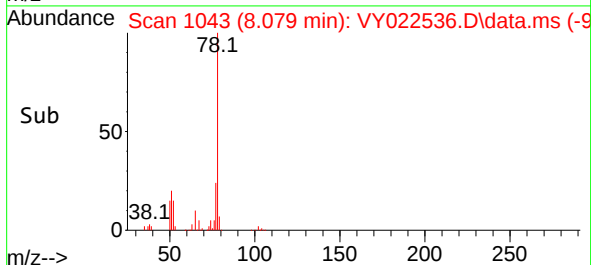
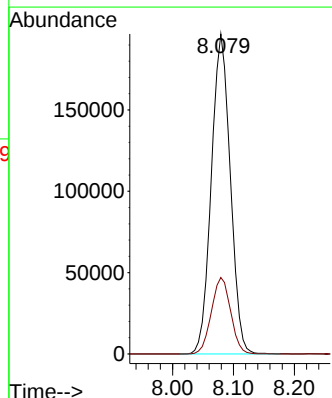
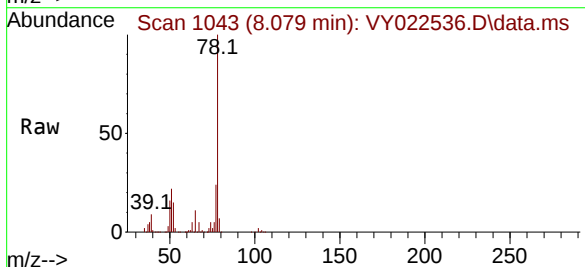
Acq: 03 Jun 2025 20:51

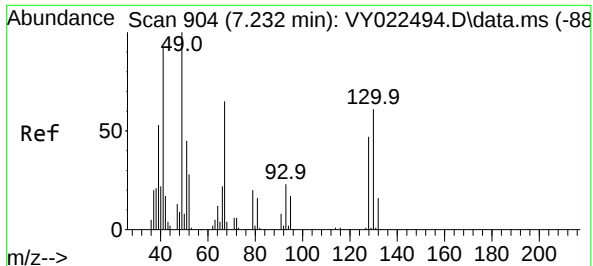
Tgt Ion: 78 Resp: 425567

Ion Ratio Lower Upper

78 100

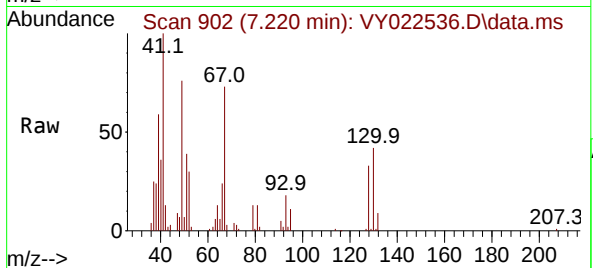
77 23.9 19.3 28.9



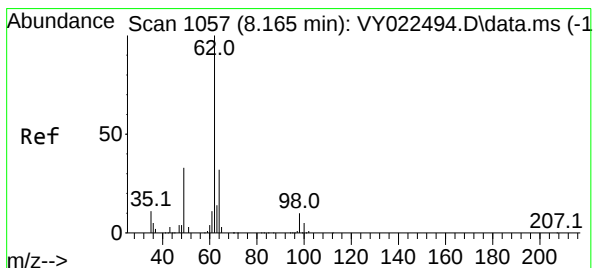
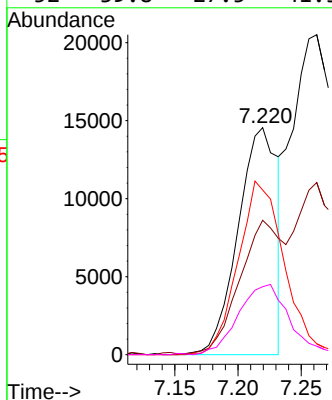
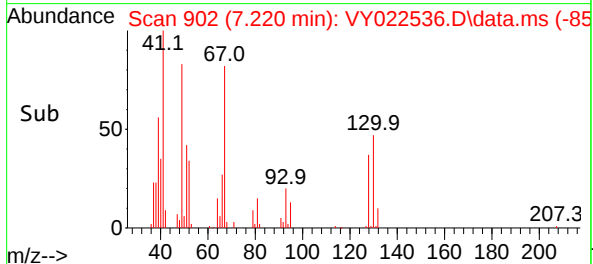


#41
Methacrylonitrile
Concen: 43.084 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

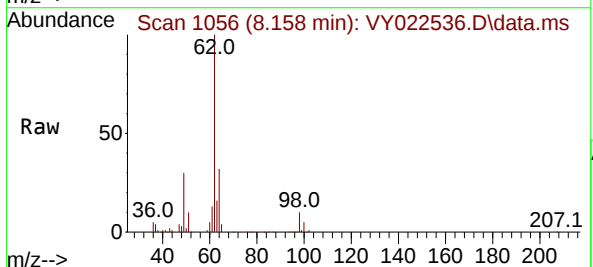
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



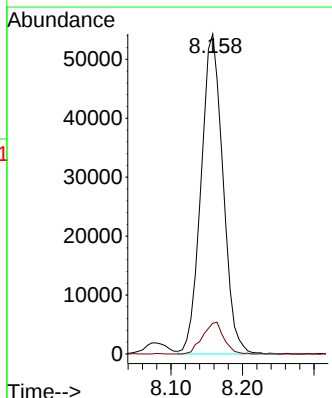
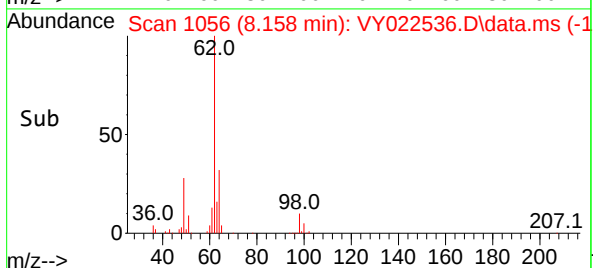
Tgt Ion:	41	Resp:	31589
Ion	Ratio	Lower	Upper
41	100		
39	65.2	46.6	69.8
67	89.3	63.3	94.9
52	39.8	27.5	41.3

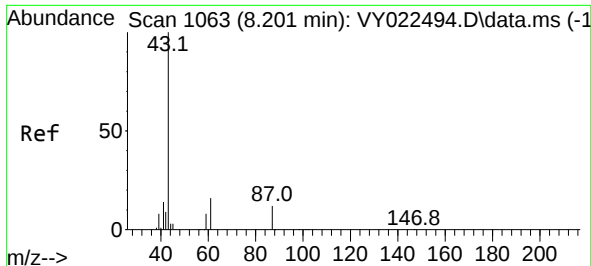


#42
1,2-Dichloroethane
Concen: 50.939 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51



Tgt Ion:	62	Resp:	115630
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2

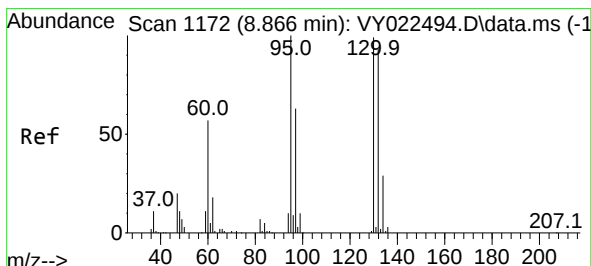
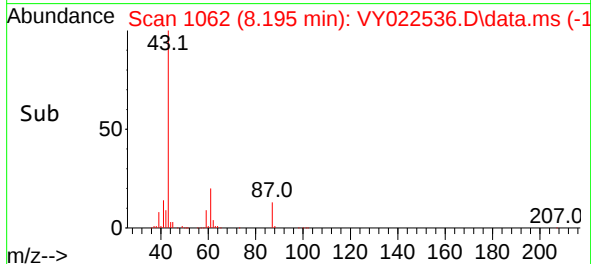
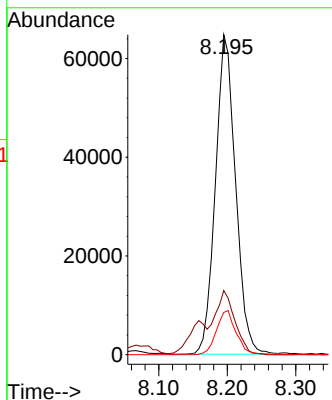
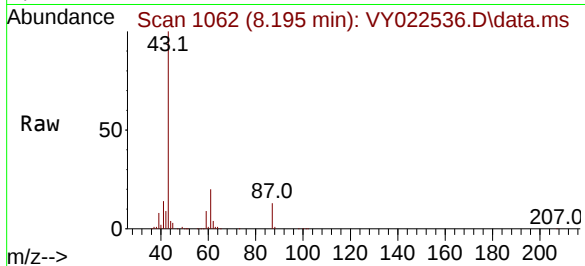




#43
Isopropyl Acetate
Concen: 48.629 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

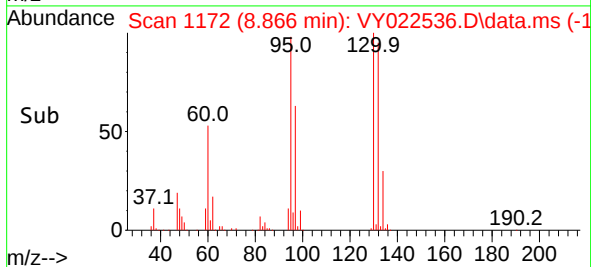
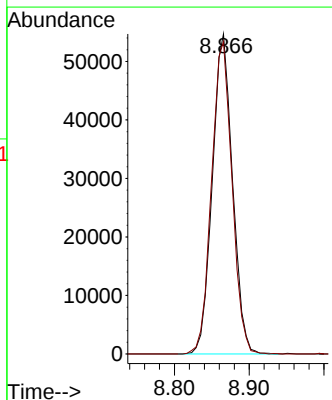
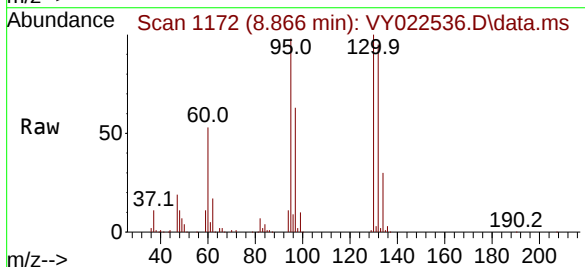
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

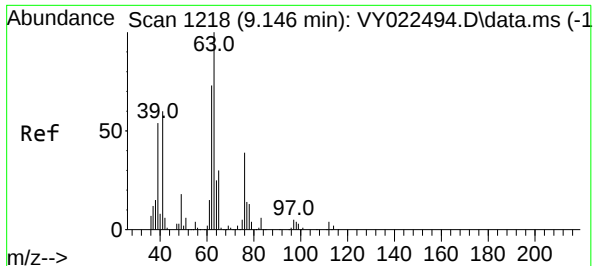
Tgt Ion: 43 Resp: 131831
Ion Ratio Lower Upper
43 100
61 19.7 15.6 23.4
87 13.4 10.2 15.4



#44
Trichloroethene
Concen: 50.618 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:130 Resp: 102849
Ion Ratio Lower Upper
130 100
95 97.6 0.0 203.0





#45

1,2-Dichloropropane

Concen: 49.958 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

Instrument :

MSVOA_Y

ClientSampleId :

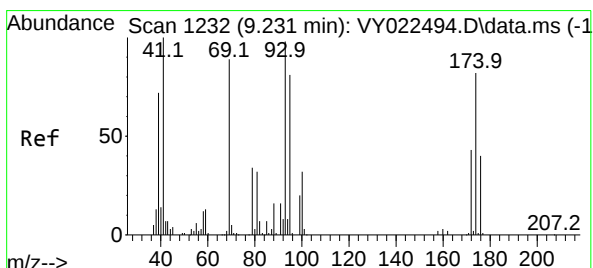
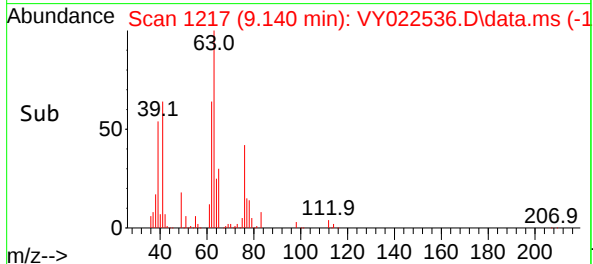
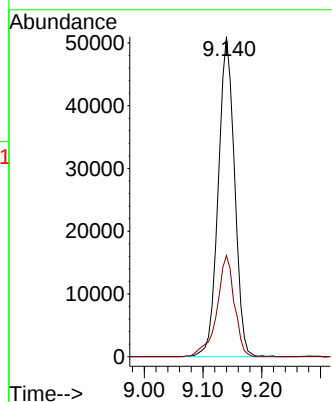
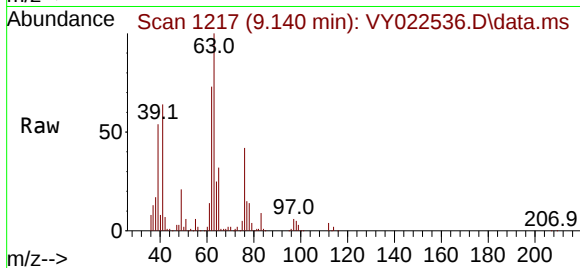
VSTDCCC050EC

Tgt Ion: 63 Resp: 98157

Ion Ratio Lower Upper

63 100

65 31.6 24.0 36.0



#46

Dibromomethane

Concen: 51.134 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

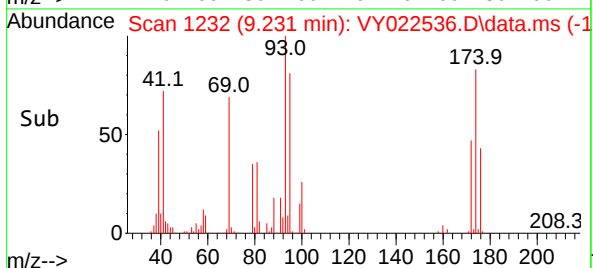
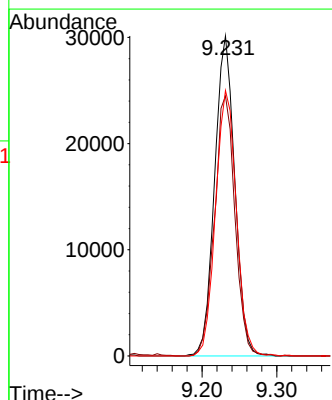
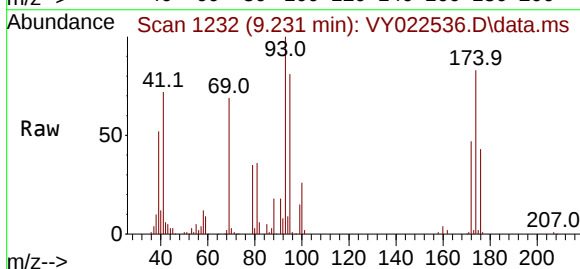
Tgt Ion: 93 Resp: 56522

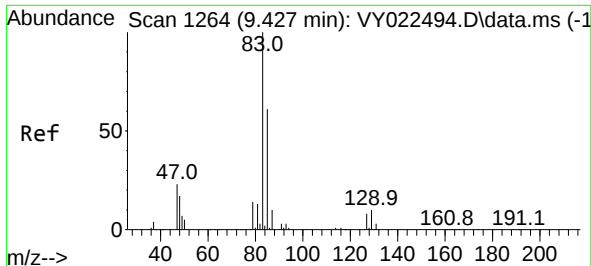
Ion Ratio Lower Upper

93 100

95 82.6 65.6 98.4

174 85.6 70.4 105.6

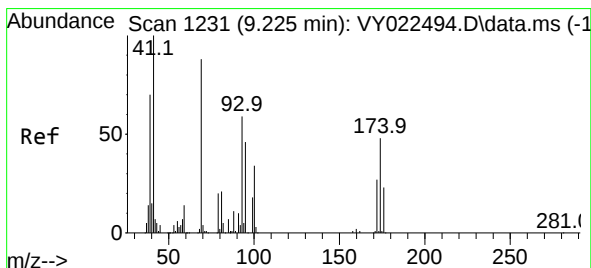
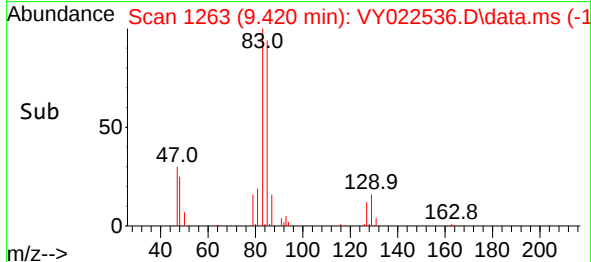
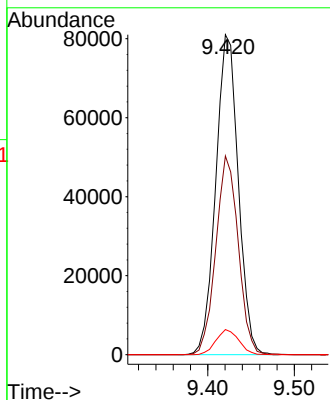
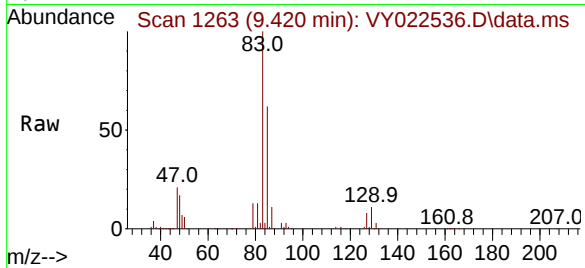




#47
Bromodichloromethane
Concen: 52.192 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

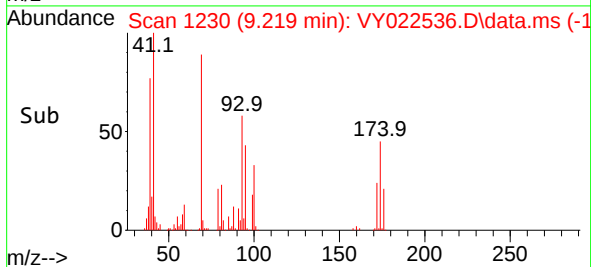
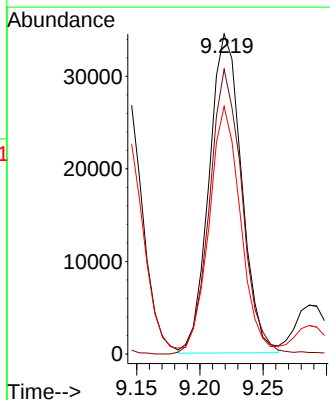
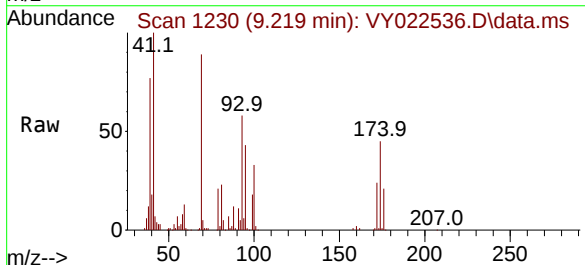
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

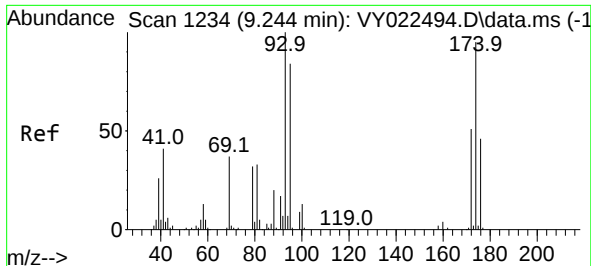
Tgt Ion: 83 Resp: 146284
Ion Ratio Lower Upper
83 100
85 62.1 49.1 73.7
127 7.9 6.2 9.4



#48
Methyl methacrylate
Concen: 48.502 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 41 Resp: 61711
Ion Ratio Lower Upper
41 100
69 89.6 67.8 101.8
39 71.6 55.0 82.4





#49

1,4-Dioxane

Concen: 1033.044 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

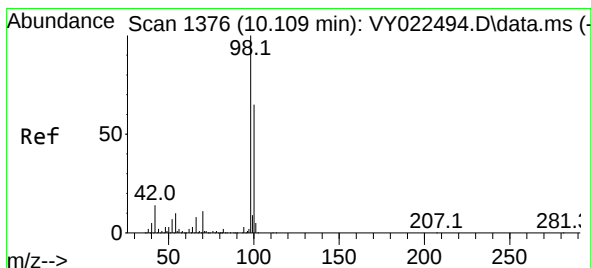
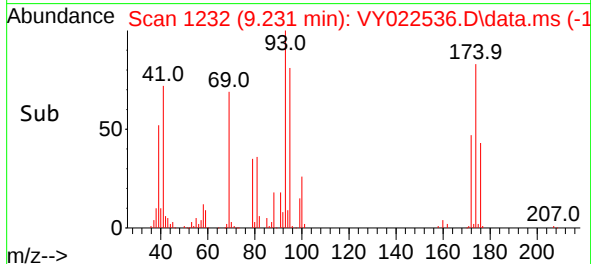
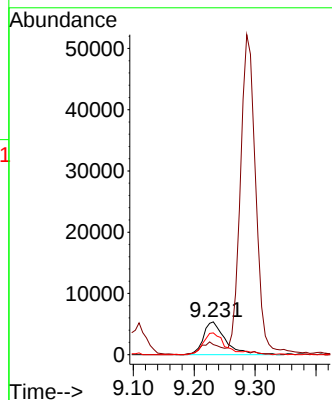
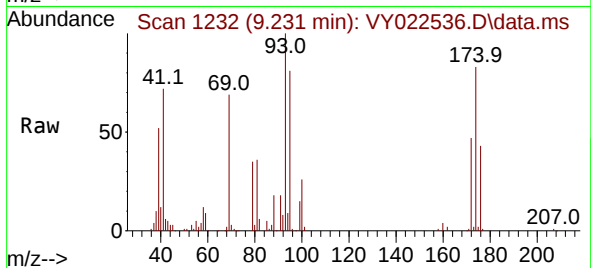
Tgt Ion: 88 Resp: 13528

Ion Ratio Lower Upper

88 100

43 32.5 25.4 38.2

58 63.0 54.9 82.3



#50

Toluene-d8

Concen: 52.887 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022536.D

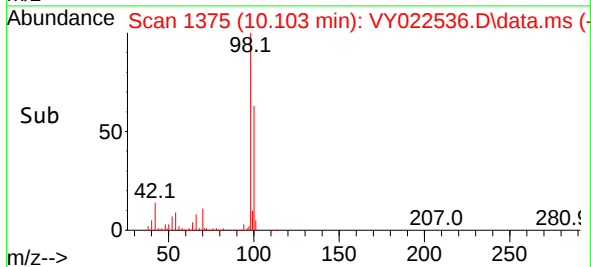
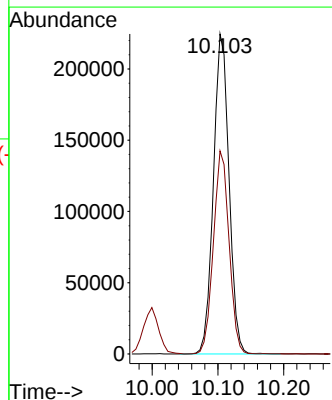
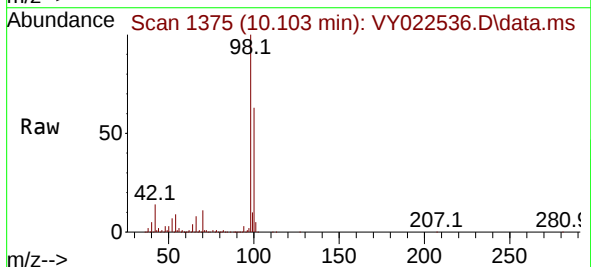
Acq: 03 Jun 2025 20:51

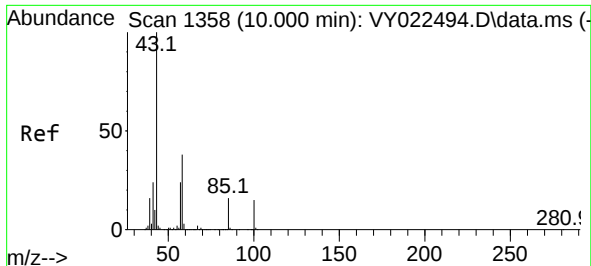
Tgt Ion: 98 Resp: 370610

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.0

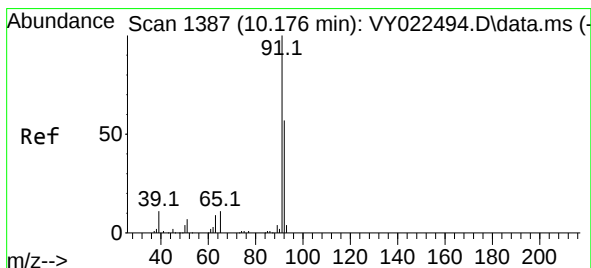
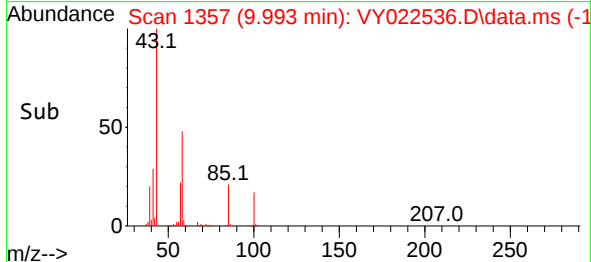
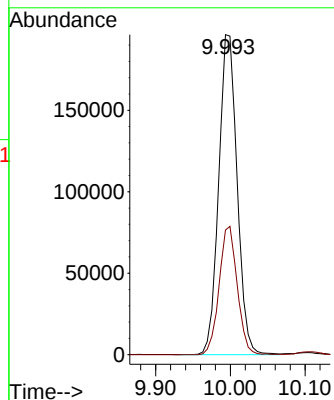
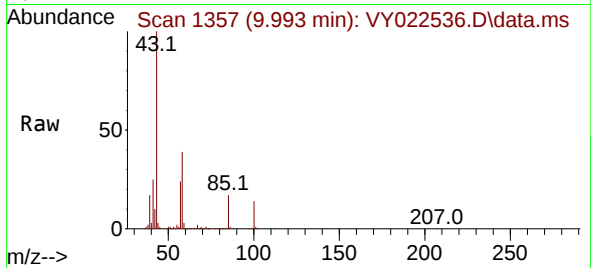




#51
4-Methyl-2-Pentanone
Concen: 249.686 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

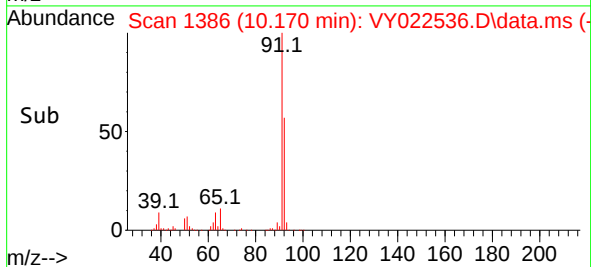
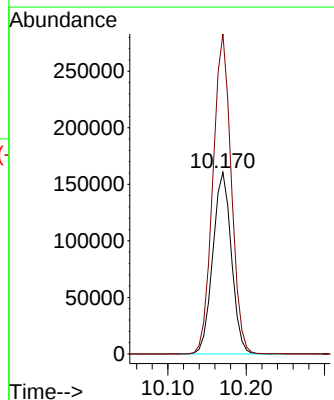
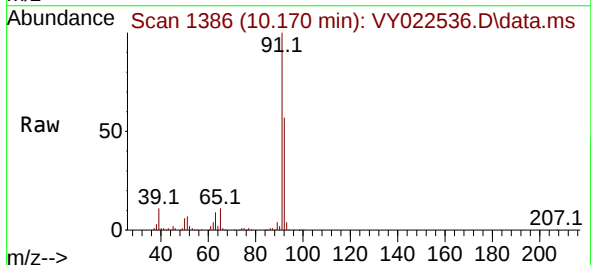
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

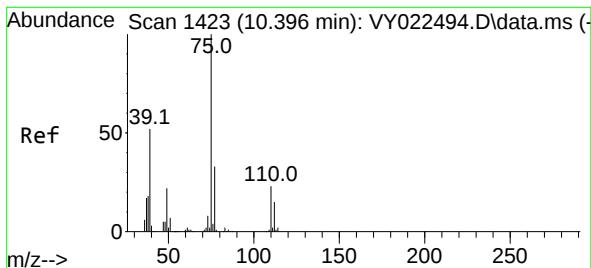
Tgt Ion: 43 Resp: 337478
Ion Ratio Lower Upper
43 100
58 39.5 30.4 45.6



#52
Toluene
Concen: 50.578 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 92 Resp: 264244
Ion Ratio Lower Upper
92 100
91 174.7 139.0 208.4

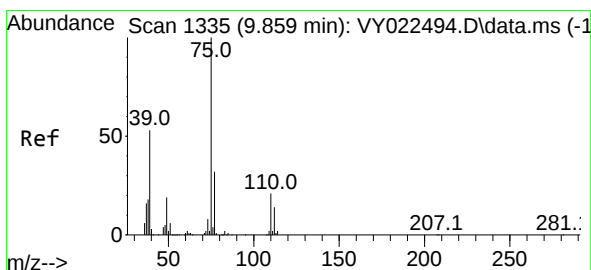
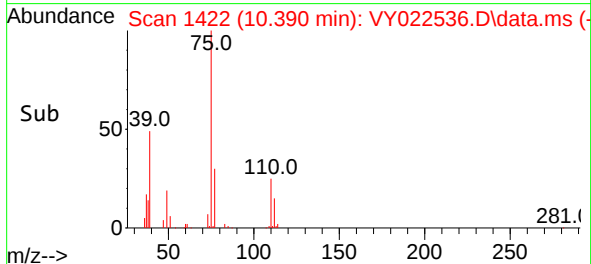
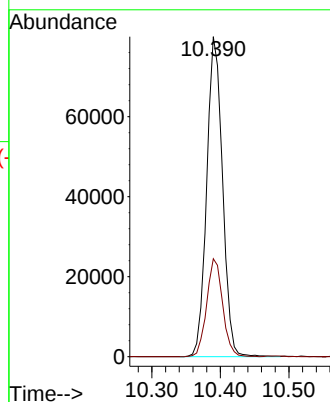
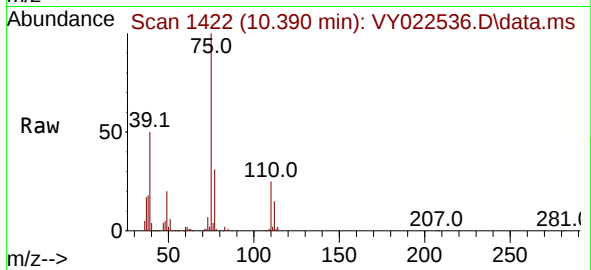




#53
t-1,3-Dichloropropene
Concen: 48.903 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

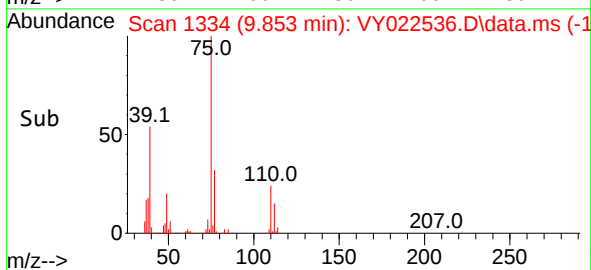
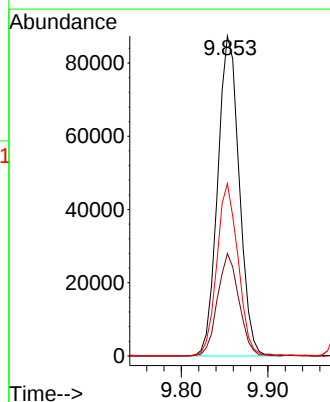
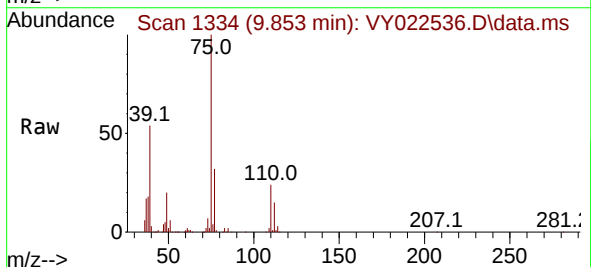
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

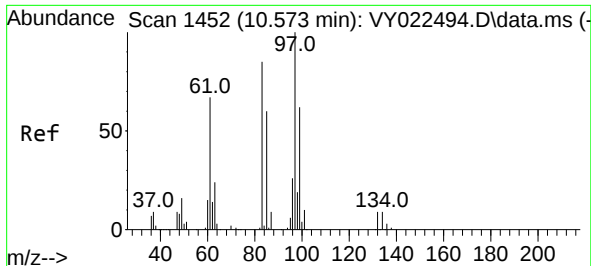
Tgt Ion: 75 Resp: 128425
Ion Ratio Lower Upper
75 100
77 30.6 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 49.453 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 75 Resp: 151178
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 53.8 42.7 64.1

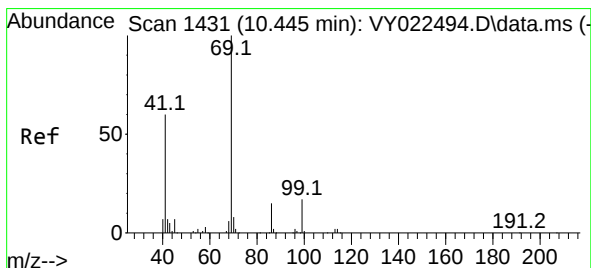
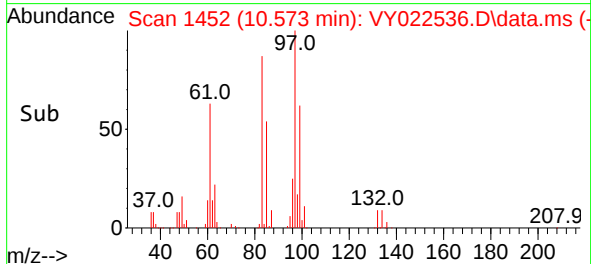
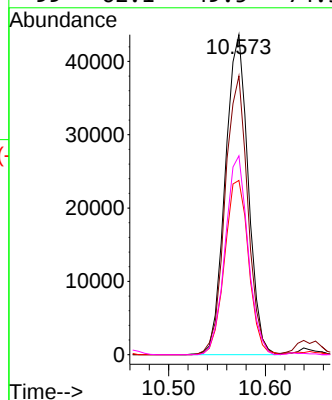
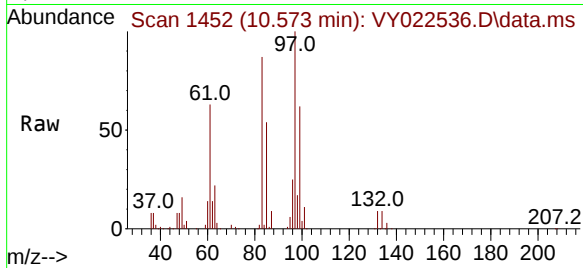




#55
1,1,2-Trichloroethane
Concen: 51.020 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

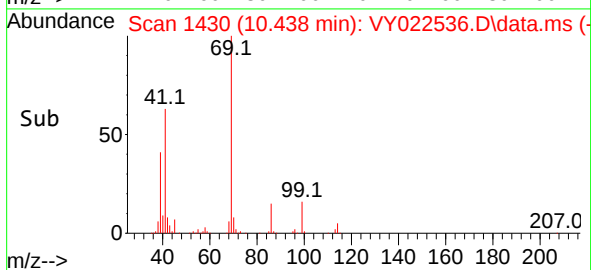
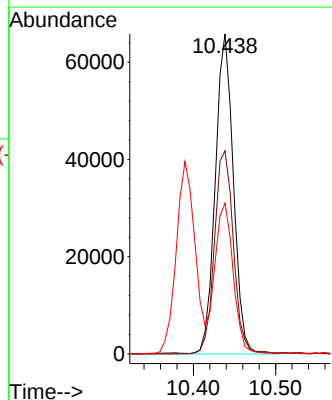
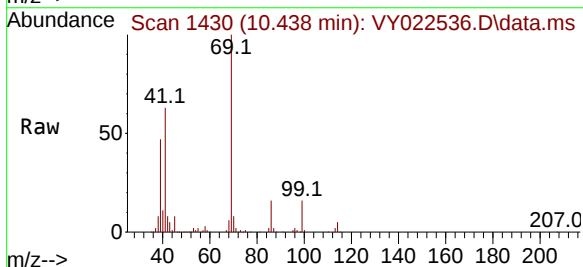
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

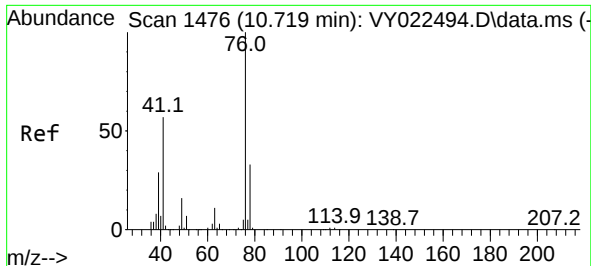
Tgt Ion:	97	Resp:	71912
Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.1	102.1
85	54.4	48.2	72.2
99	62.1	49.5	74.3



#56
Ethyl methacrylate
Concen: 49.541 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:	69	Resp:	100924
Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.2	78.2
39	48.0	36.7	55.1





#57

1,3-Dichloropropane

Concen: 51.300 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

Instrument :

MSVOA_Y

ClientSampleId :

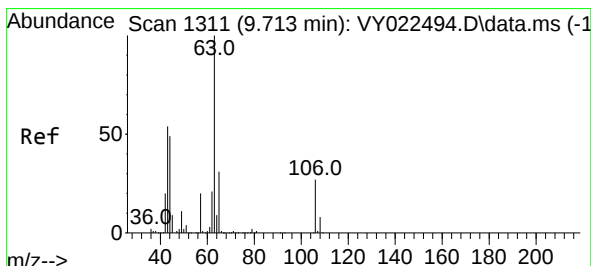
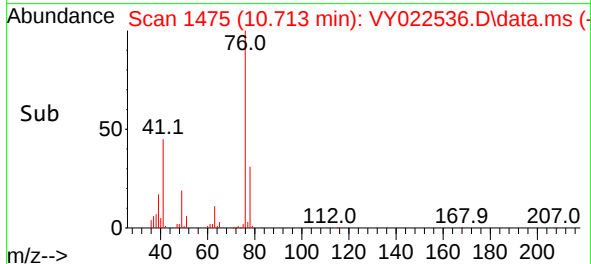
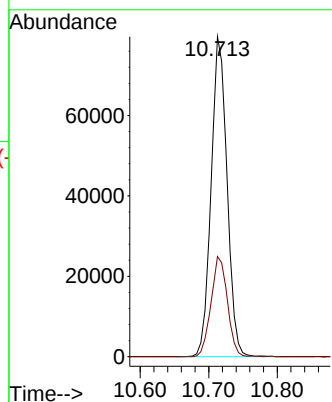
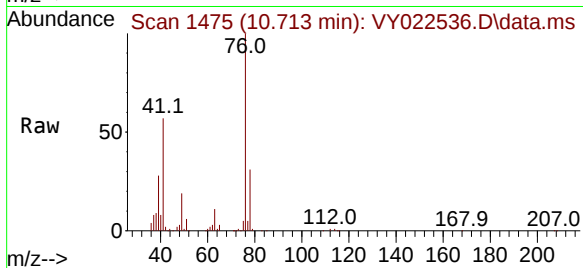
VSTDCCC050EC

Tgt Ion: 76 Resp: 128157

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 151.378 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022536.D

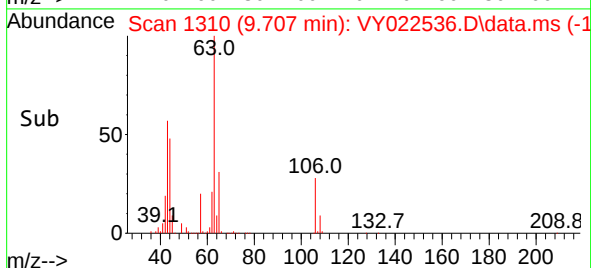
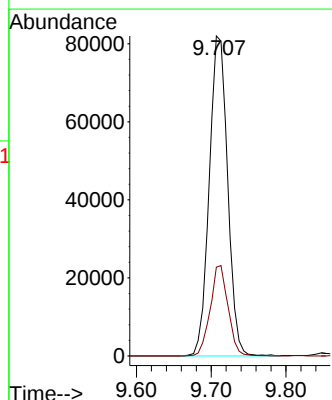
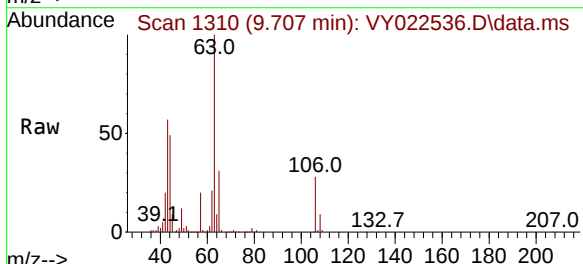
Acq: 03 Jun 2025 20:51

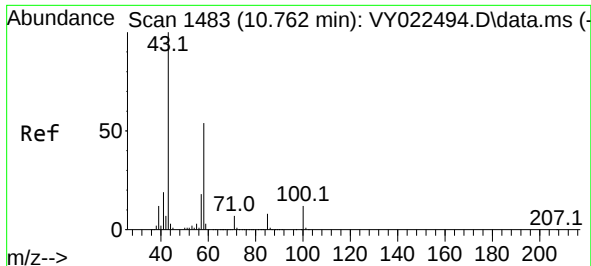
Tgt Ion: 63 Resp: 140012

Ion Ratio Lower Upper

63 100

106 27.4 21.6 32.4

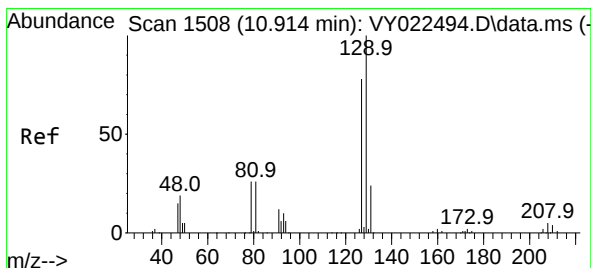
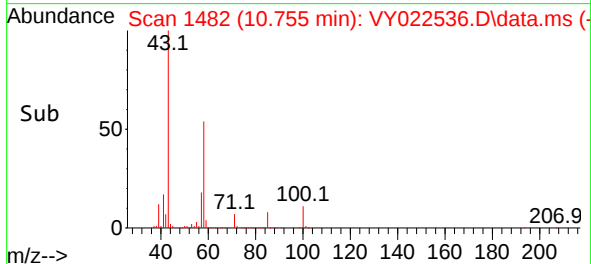
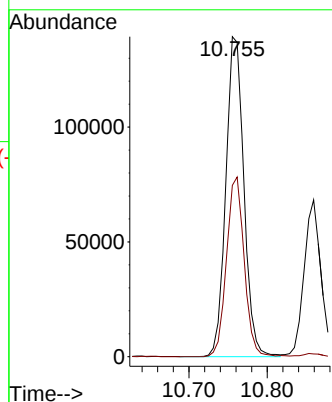
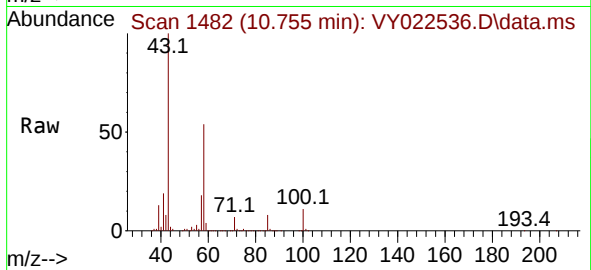




#59
2-Hexanone
Concen: 247.844 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

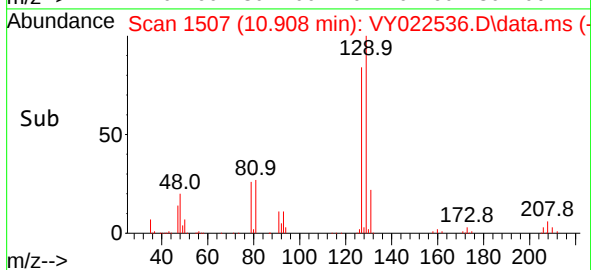
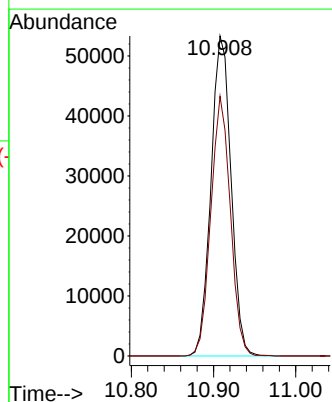
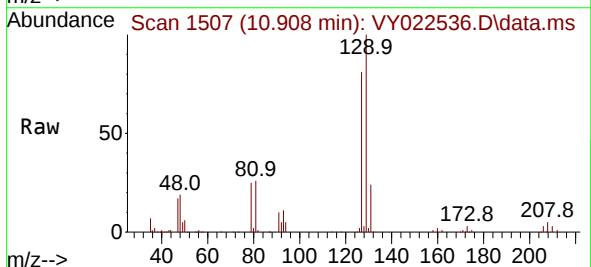
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

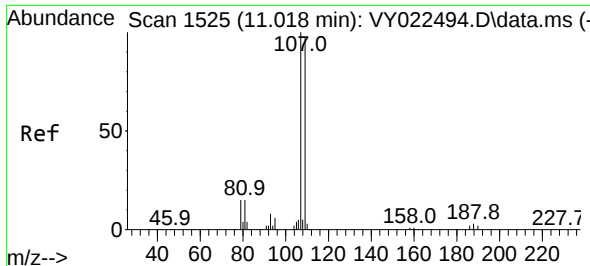
Tgt Ion: 43 Resp: 224037
Ion Ratio Lower Upper
43 100
58 55.0 27.3 81.8



#60
Dibromochloromethane
Concen: 50.462 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 129 Resp: 90388
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.2

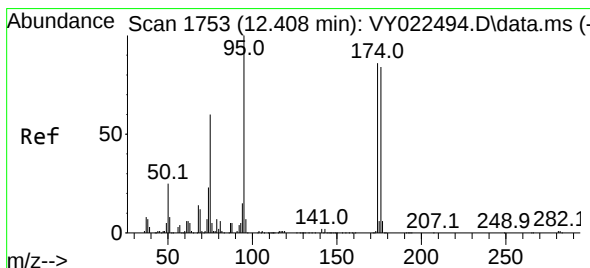
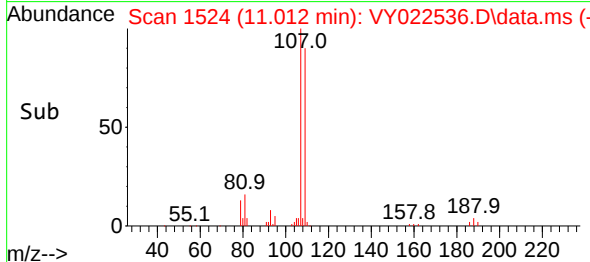
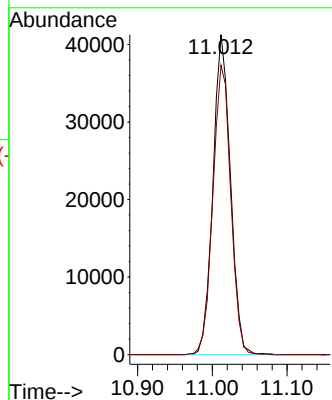
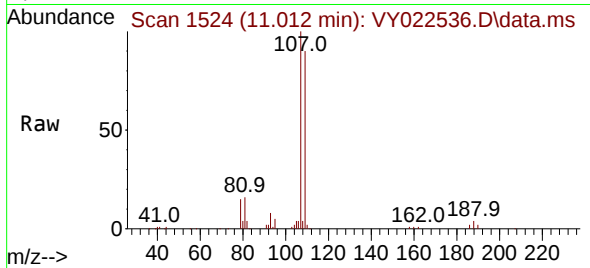




#61
1,2-Dibromoethane
Concen: 52.050 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

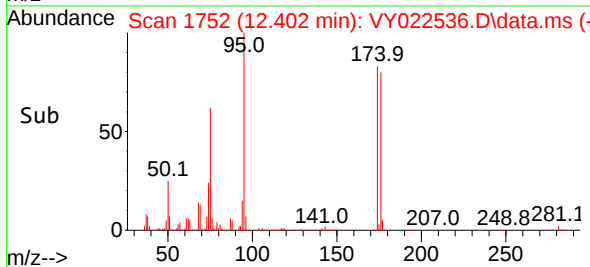
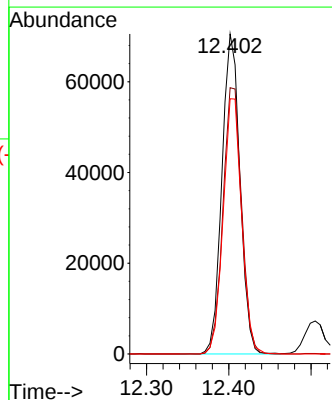
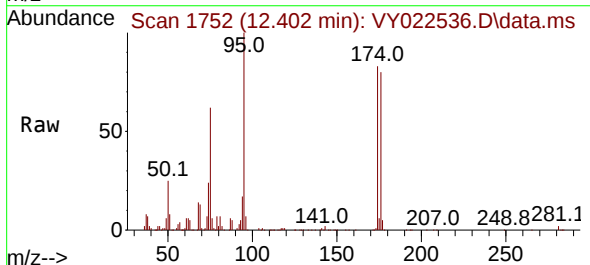
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

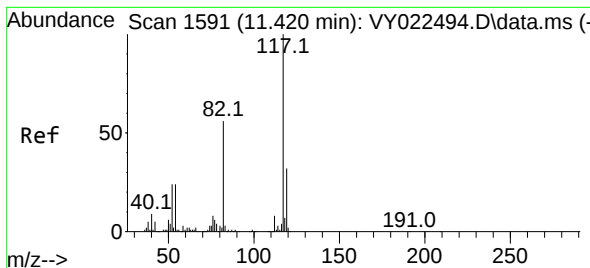
Tgt Ion:107 Resp: 66866
Ion Ratio Lower Upper
107 100
109 93.0 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 51.515 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 95 Resp: 107560
Ion Ratio Lower Upper
95 100
174 86.3 0.0 170.0
176 82.0 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

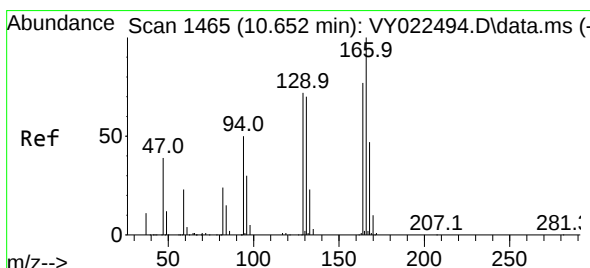
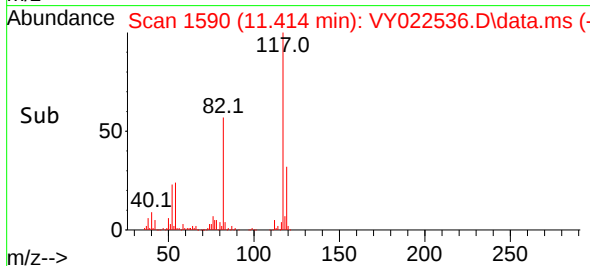
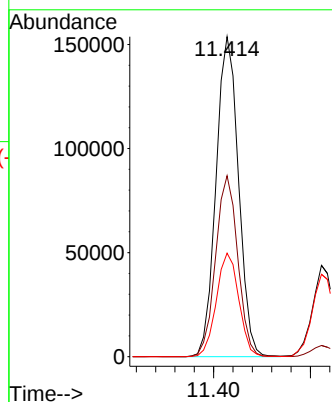
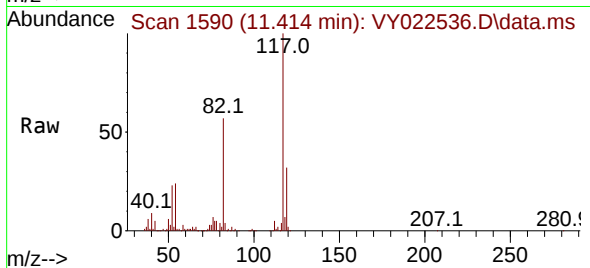
Tgt Ion:117 Resp: 247870

Ion Ratio Lower Upper

117 100

82 56.5 44.6 66.8

119 32.3 25.4 38.0



#64

Tetrachloroethene

Concen: 53.342 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

Tgt Ion:164 Resp: 113736

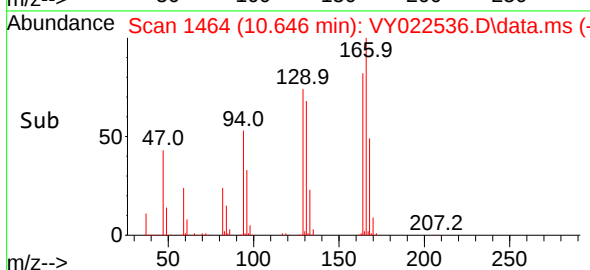
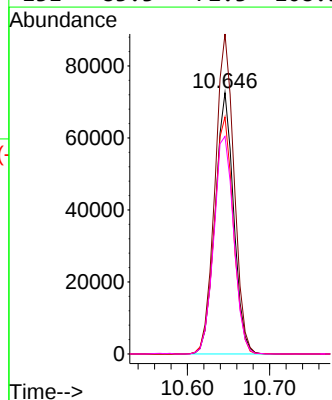
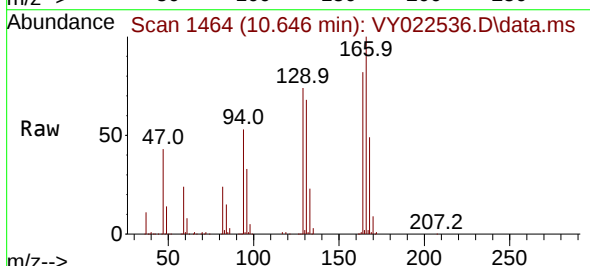
Ion Ratio Lower Upper

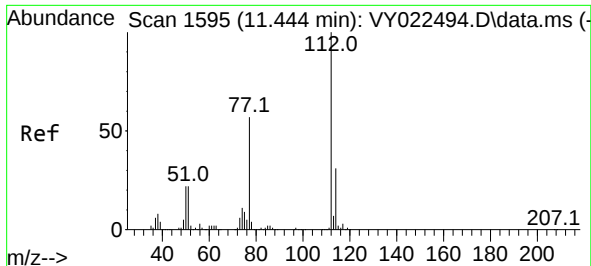
164 100

166 122.5 104.0 156.0

129 90.7 74.5 111.7

131 83.3 72.3 108.5

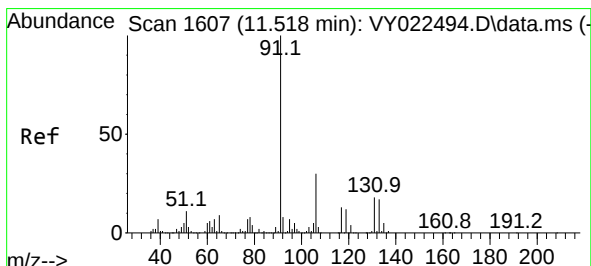
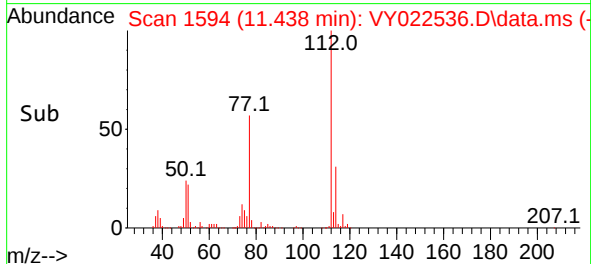
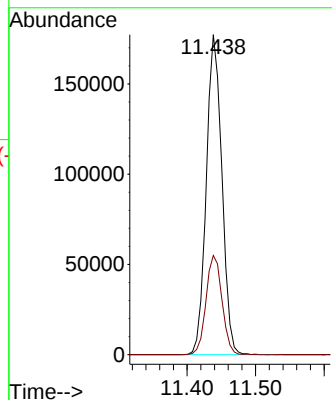
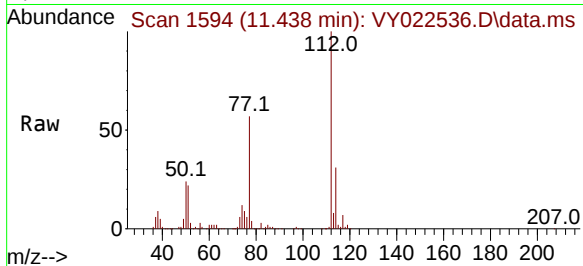




#65
Chlorobenzene
Concen: 51.138 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

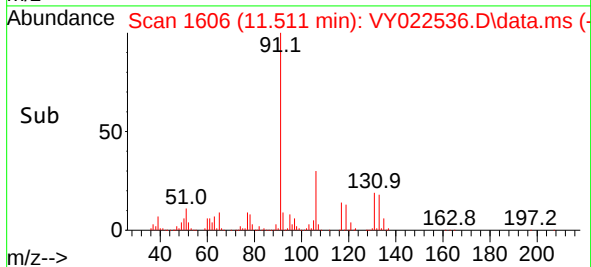
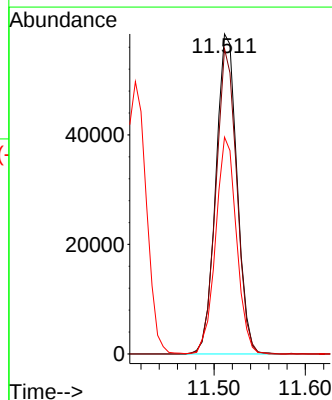
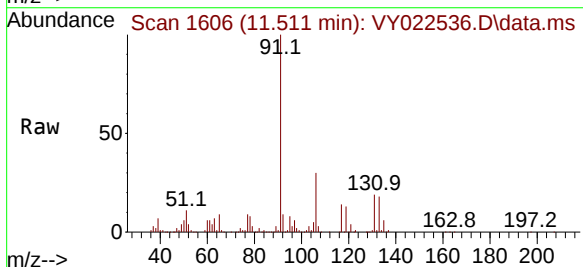
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

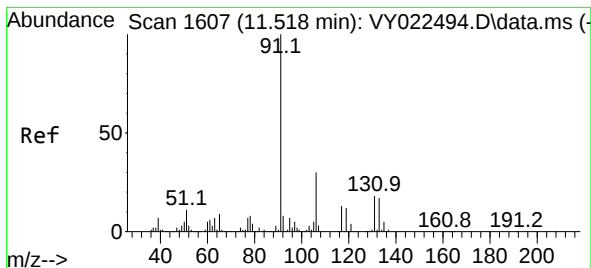
Tgt Ion:112 Resp: 280496
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.813 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:131 Resp: 93891
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 67.0 33.1 99.3





#67

Ethyl Benzene

Concen: 50.115 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

Instrument :

MSVOA_Y

ClientSampleId :

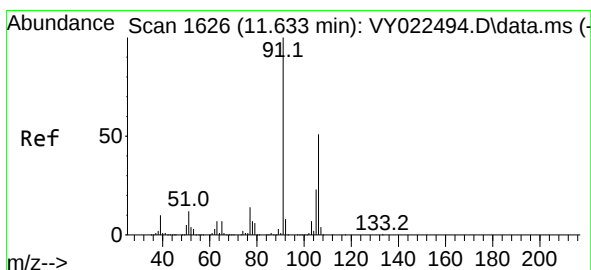
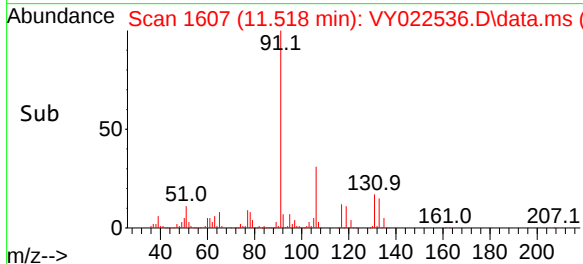
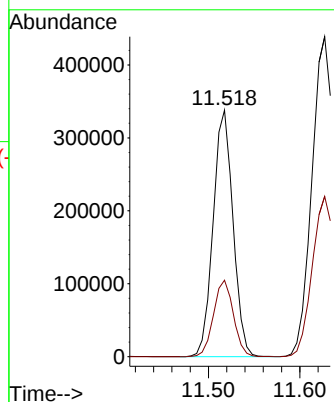
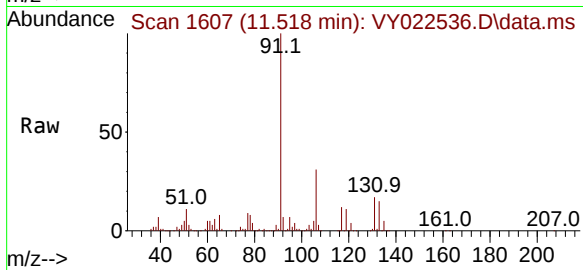
VSTDCCC050EC

Tgt Ion: 91 Resp: 509853

Ion Ratio Lower Upper

91 100

106 31.0 24.2 36.4



#68

m/p-Xylenes

Concen: 100.456 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022536.D

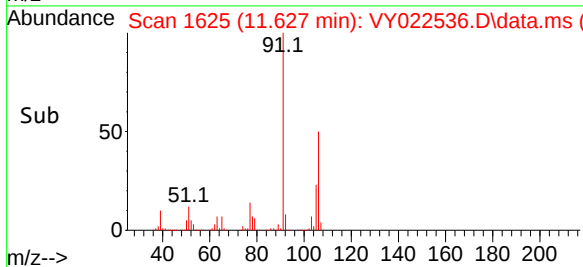
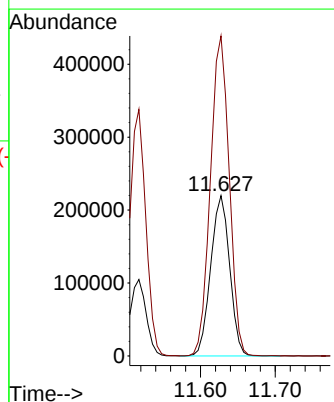
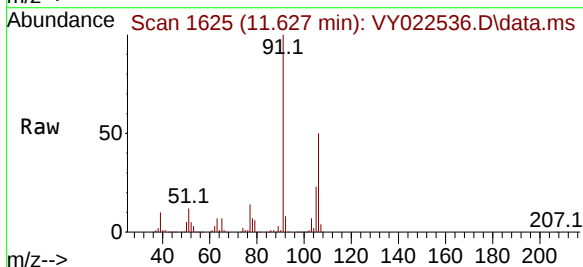
Acq: 03 Jun 2025 20:51

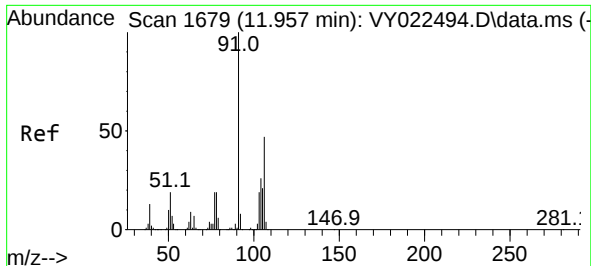
Tgt Ion:106 Resp: 387428

Ion Ratio Lower Upper

106 100

91 198.4 159.4 239.0

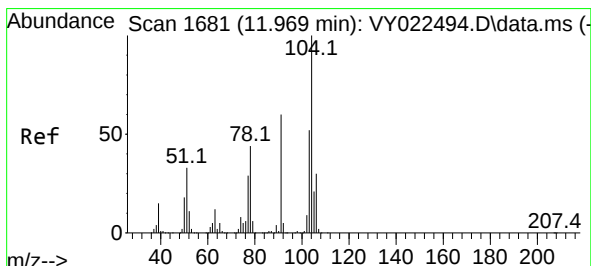
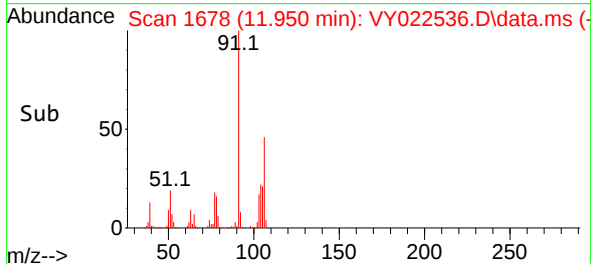
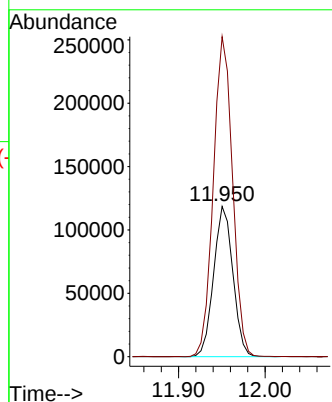
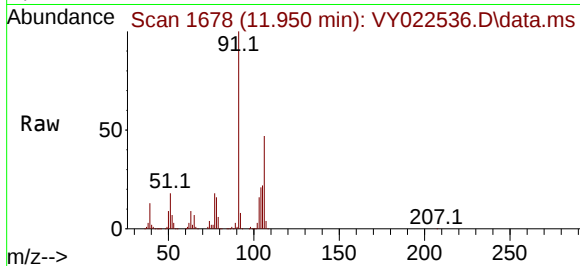




#69
o-Xylene
Concen: 50.625 ug/l
RT: 11.950 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

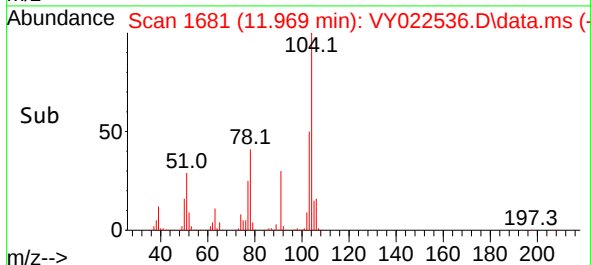
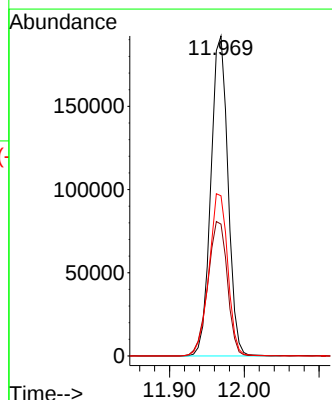
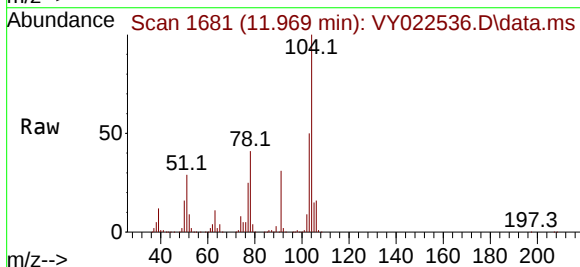
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

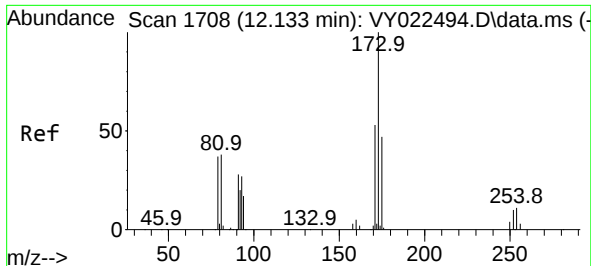
Tgt Ion:106 Resp: 183057
Ion Ratio Lower Upper
106 100
91 212.3 105.8 317.3



#70
Styrene
Concen: 51.252 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:104 Resp: 306334
Ion Ratio Lower Upper
104 100
78 48.2 39.5 59.3
103 55.9 44.1 66.1

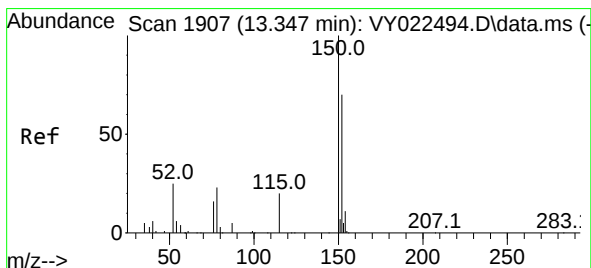
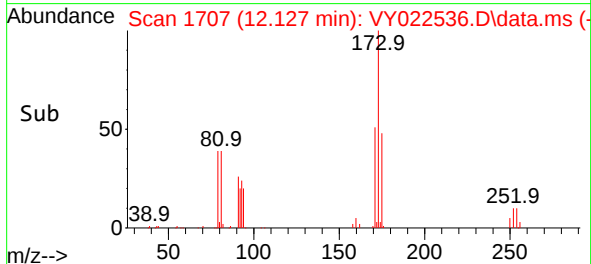
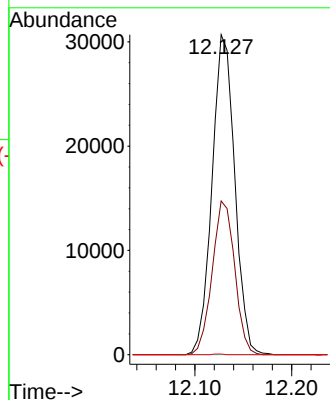
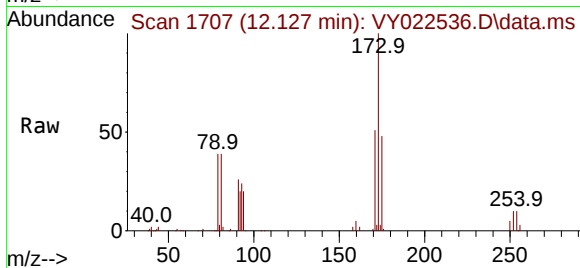




#71
Bromoform
Concen: 50.877 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

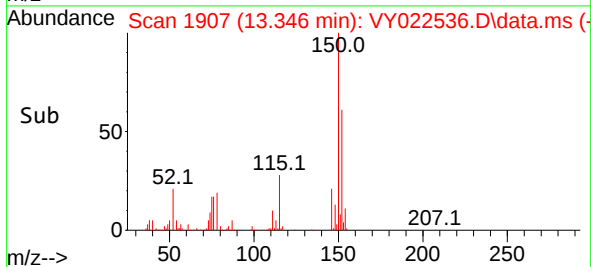
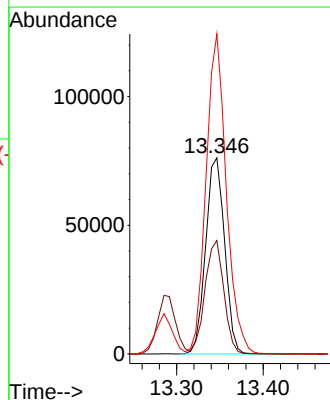
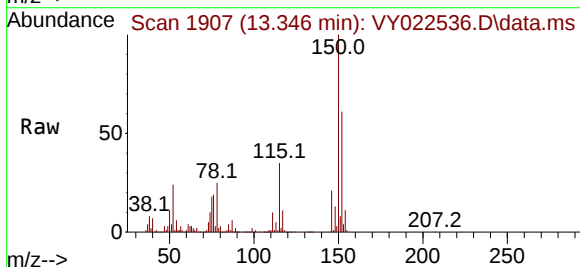
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

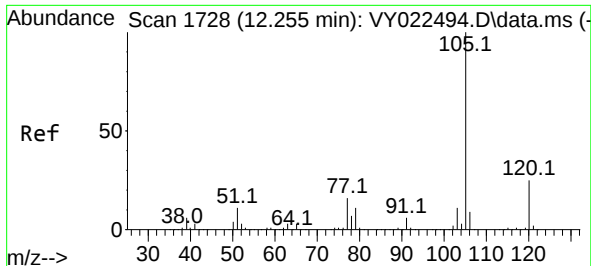
Tgt Ion:173 Resp: 50026
Ion Ratio Lower Upper
173 100
175 47.5 23.8 71.5
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:152 Resp: 116307
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 173.2 0.0 349.6

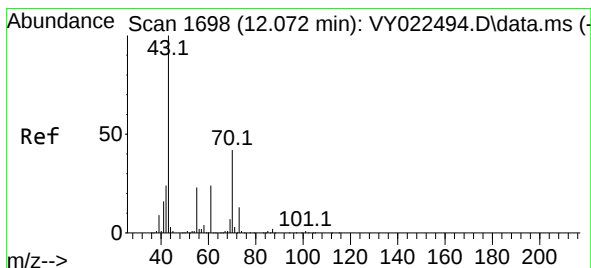
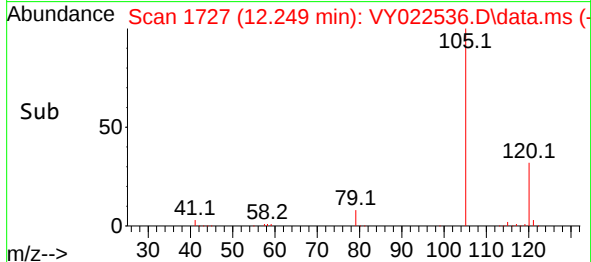
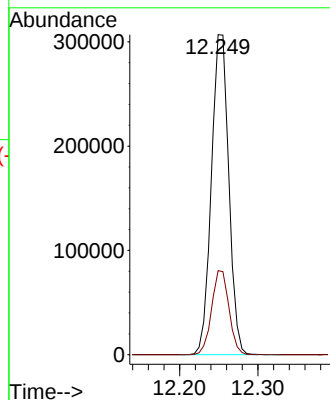
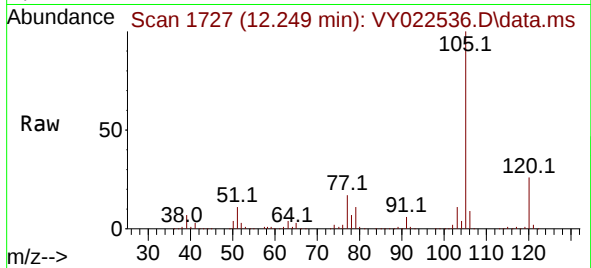




#73
Isopropylbenzene
Concen: 49.502 ug/l
RT: 12.249 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

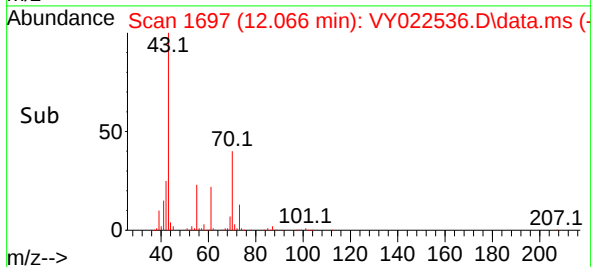
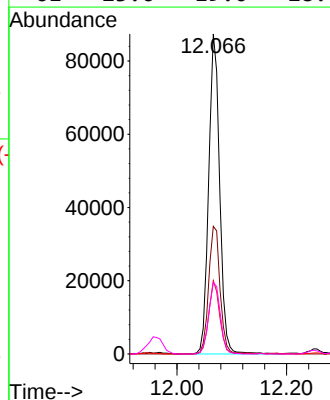
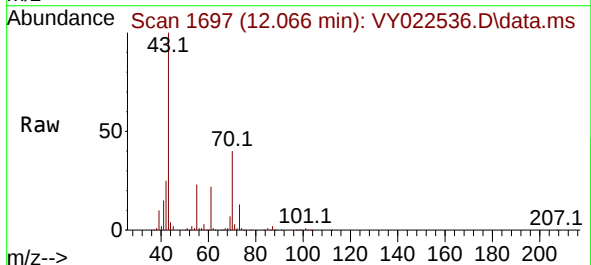
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 472687
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 50.310 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 43 Resp: 121215
Ion Ratio Lower Upper
43 100
70 41.3 34.2 51.2
55 22.7 18.2 27.4
61 23.6 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 48.020 ug/l

RT: 12.505 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

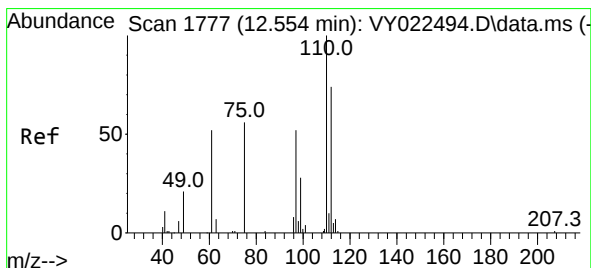
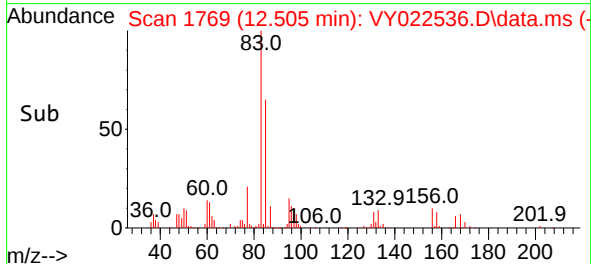
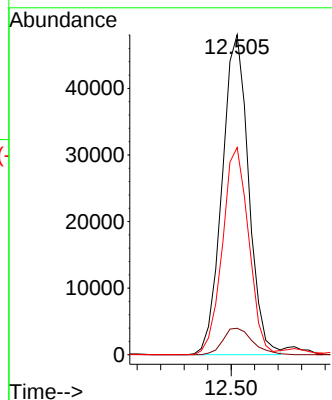
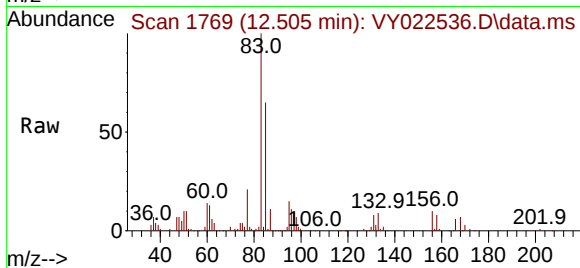
Tgt Ion: 83 Resp: 75257

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.7

85 64.4 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 80.992 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022536.D

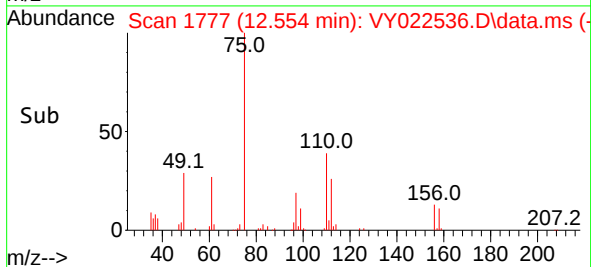
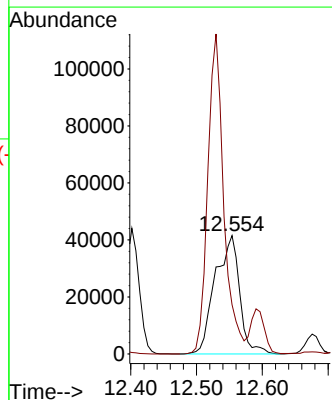
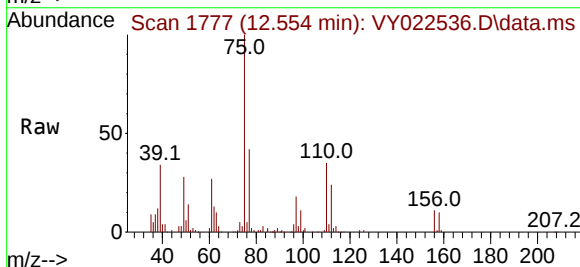
Acq: 03 Jun 2025 20:51

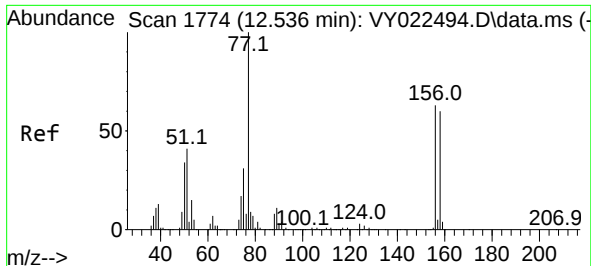
Tgt Ion: 75 Resp: 107768

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

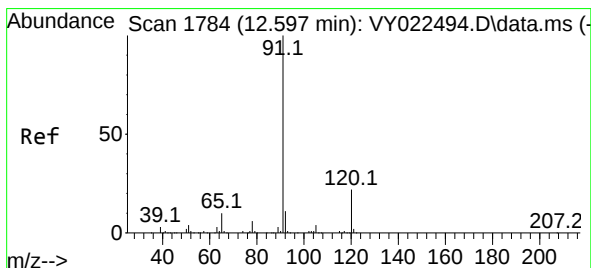
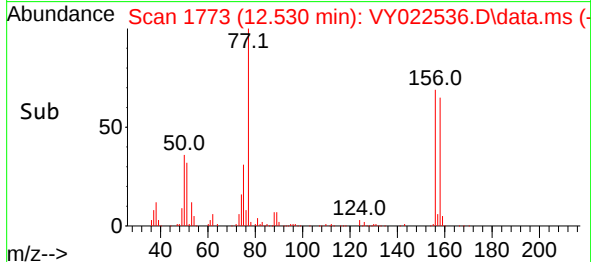
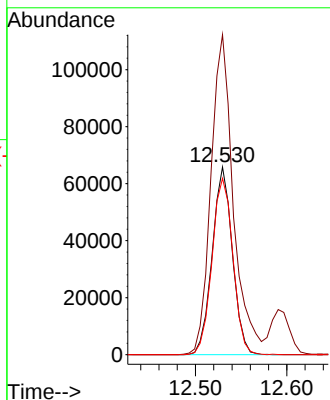
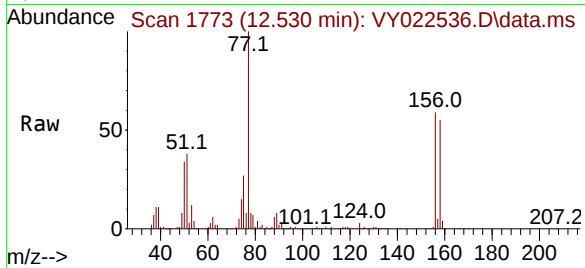




#77
Bromobenzene
Concen: 50.006 ug/l
RT: 12.530 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

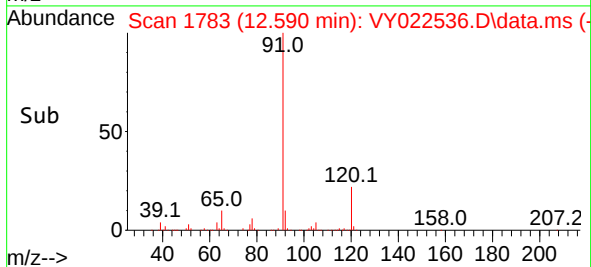
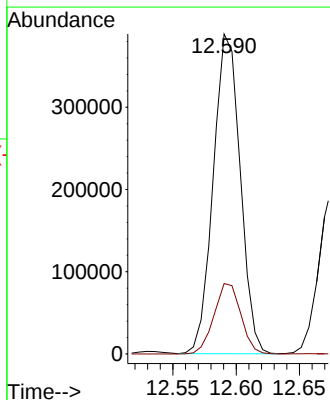
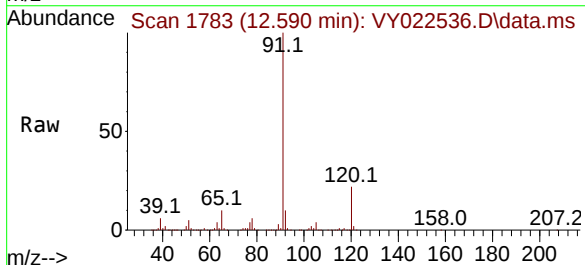
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

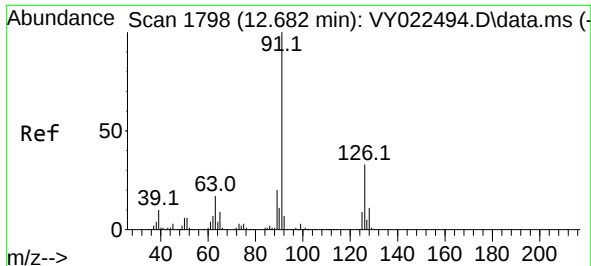
Tgt Ion:156 Resp: 100763
Ion Ratio Lower Upper
156 100
77 189.2 94.0 282.1
158 97.3 48.2 144.6



#78
n-propylbenzene
Concen: 49.474 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 91 Resp: 577009
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.4

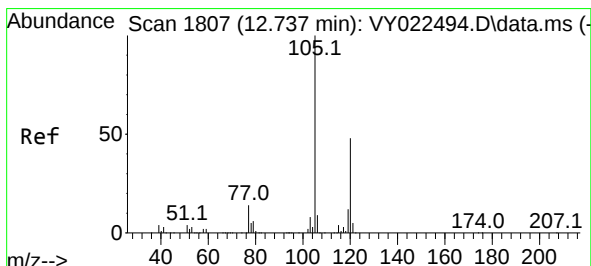
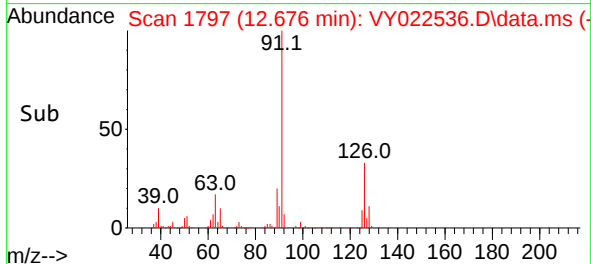
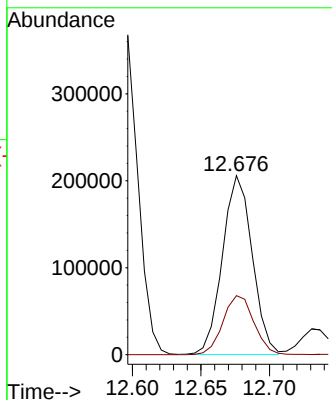
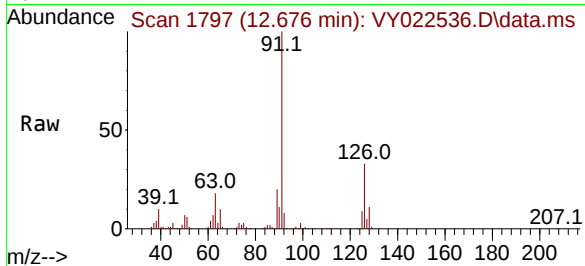




#79
2-Chlorotoluene
Concen: 50.294 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

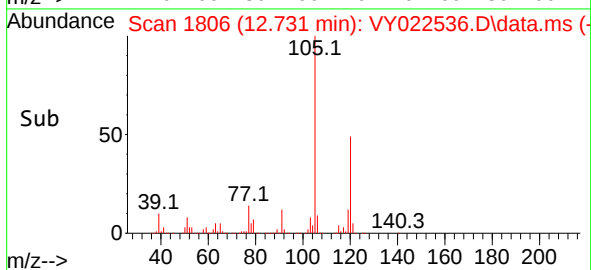
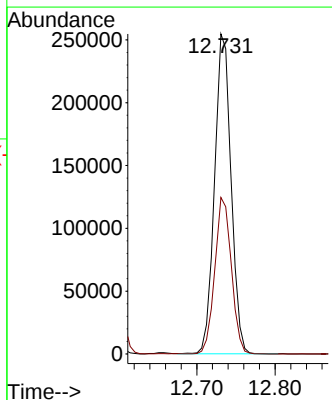
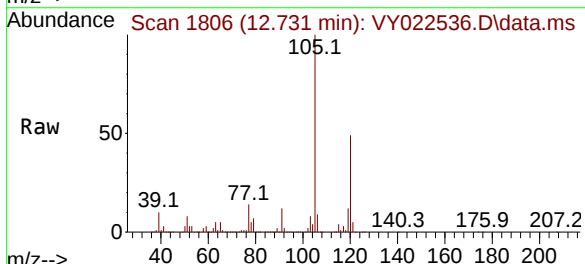
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

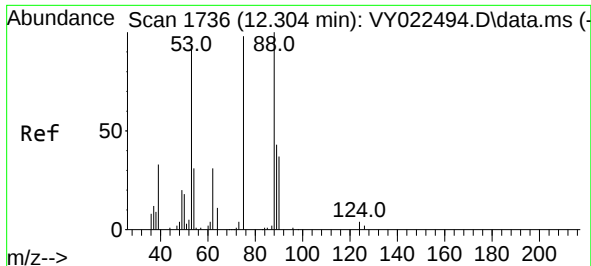
Tgt Ion: 91 Resp: 310881
Ion Ratio Lower Upper
91 100
126 34.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 49.832 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 105 Resp: 373572
Ion Ratio Lower Upper
105 100
120 49.2 24.1 72.4

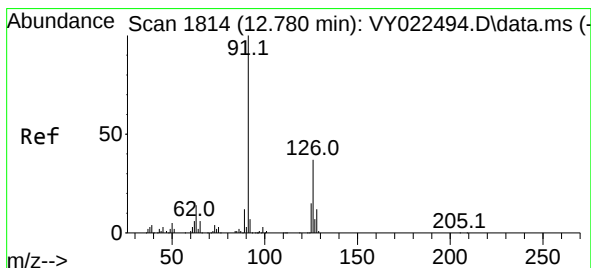
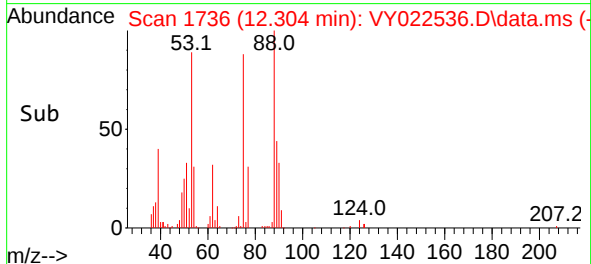
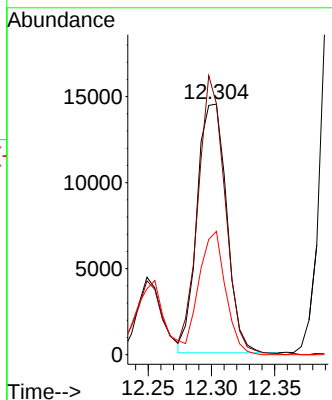
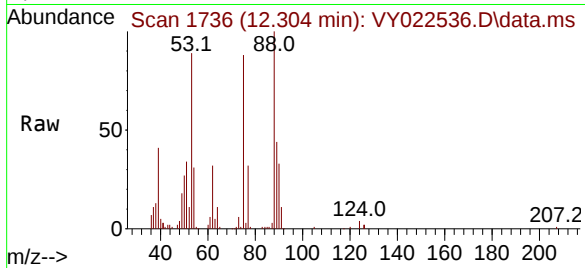




#81
trans-1,4-Dichloro-2-butene
Concen: 42.645 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

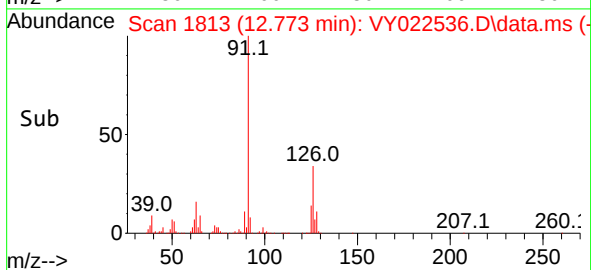
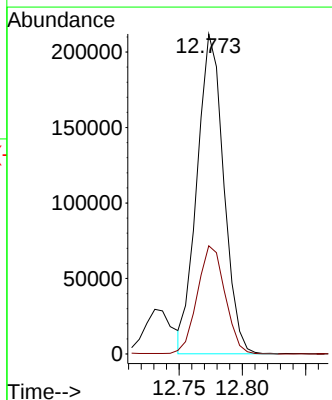
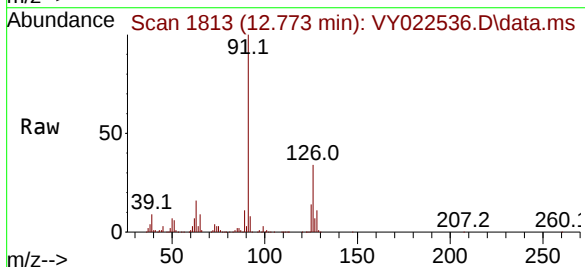
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

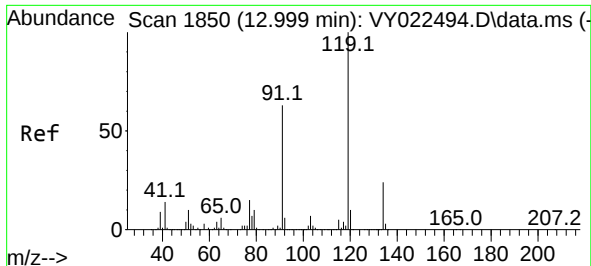
Tgt Ion: 75 Resp: 23497
Ion Ratio Lower Upper
75 100
53 102.8 78.5 117.7
89 44.2 35.7 53.5



#82
4-Chlorotoluene
Concen: 48.691 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 91 Resp: 310489
Ion Ratio Lower Upper
91 100
126 35.2 17.0 50.9

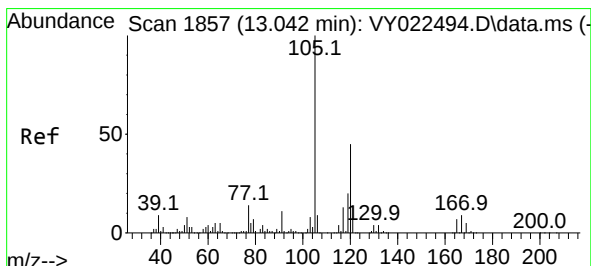
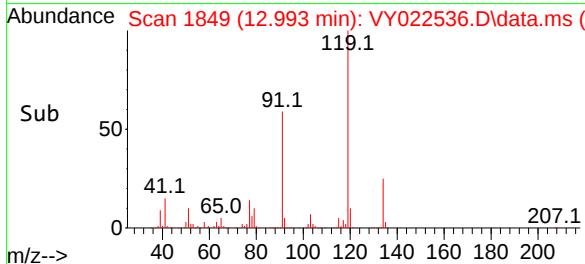
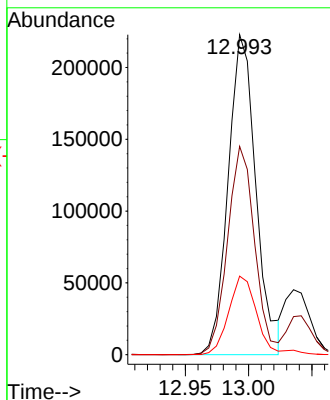
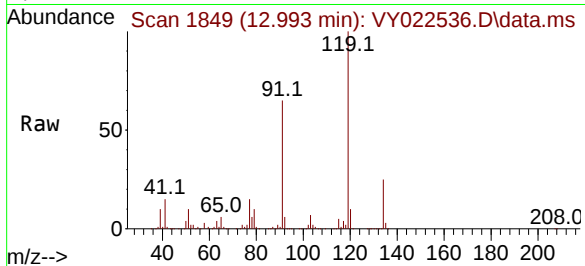




#83
tert-Butylbenzene
Concen: 50.683 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

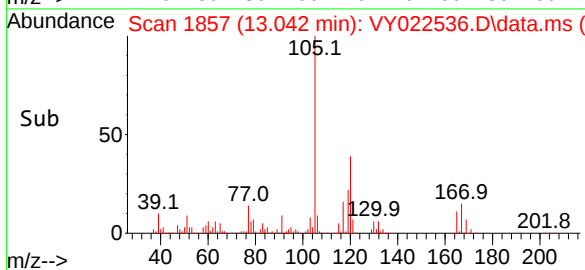
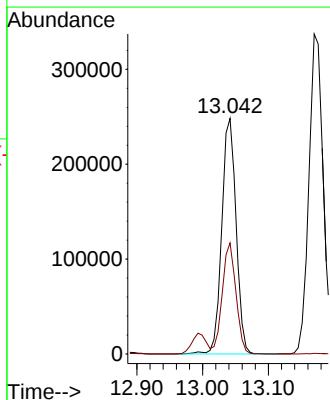
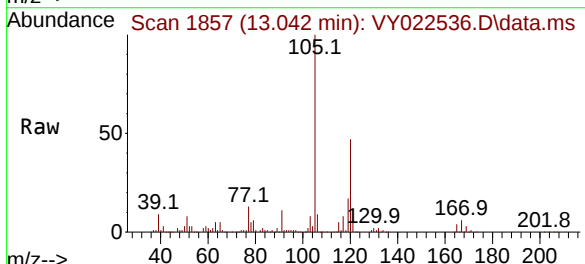
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

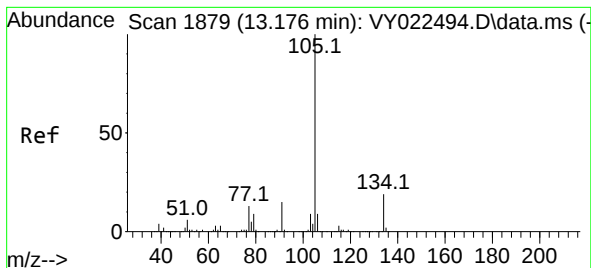
Tgt Ion:119 Resp: 341012
Ion Ratio Lower Upper
119 100
91 63.6 32.1 96.3
134 25.1 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 50.160 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:105 Resp: 376096
Ion Ratio Lower Upper
105 100
120 45.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 49.023 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

Instrument :

MSVOA_Y

ClientSampleId :

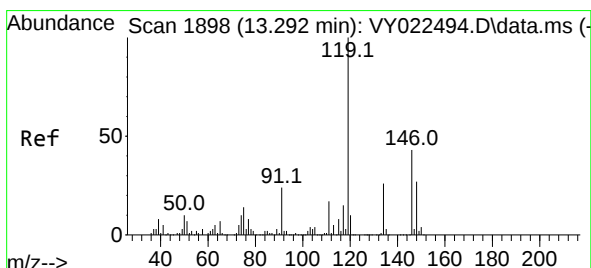
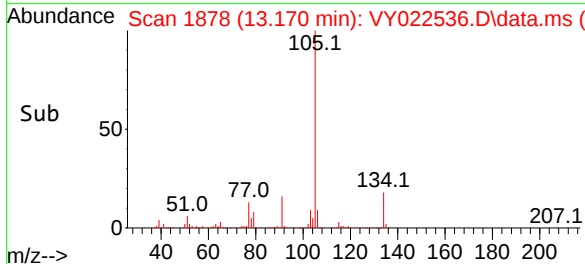
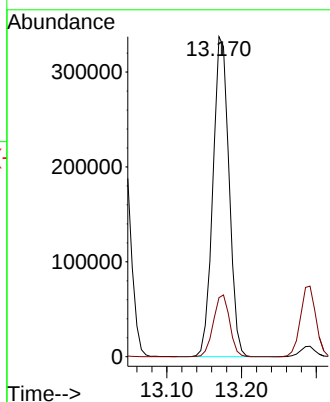
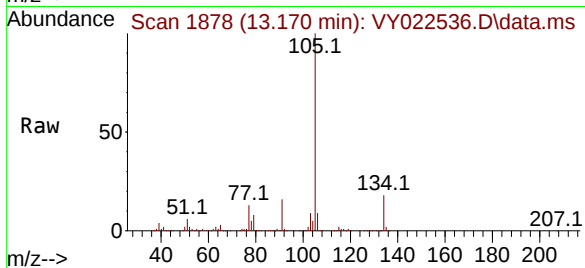
VSTDCCC050EC

Tgt Ion:105 Resp: 505174

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 48.945 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

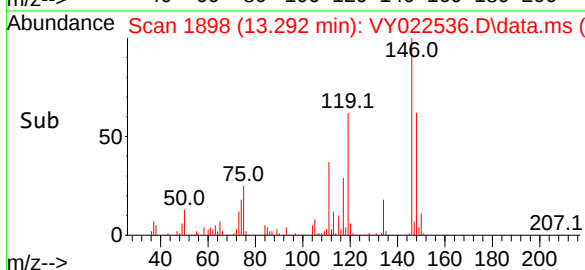
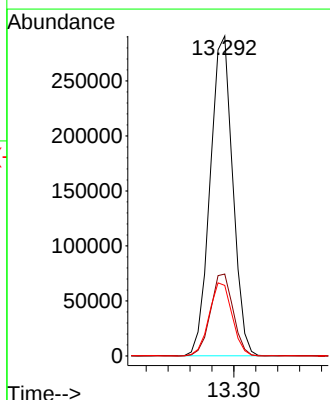
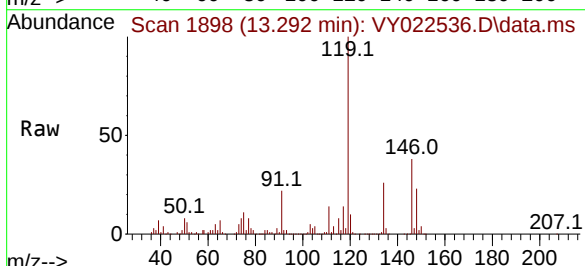
Tgt Ion:119 Resp: 415739

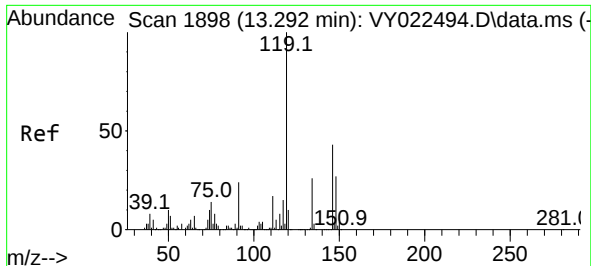
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.1

91 23.3 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 50.179 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

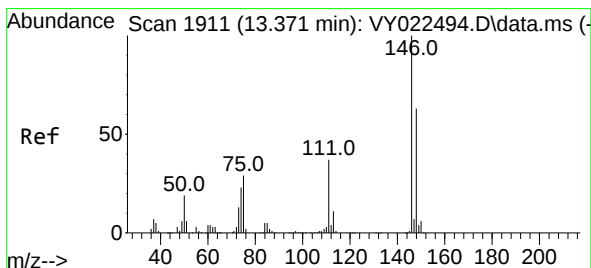
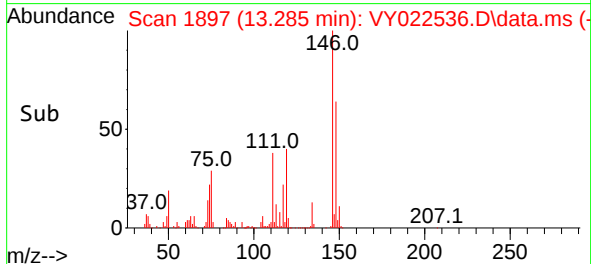
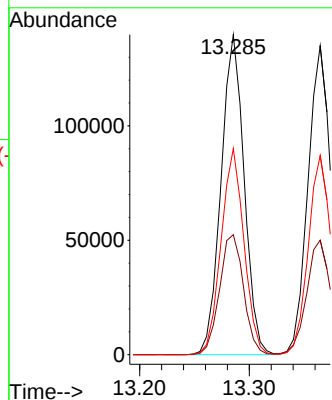
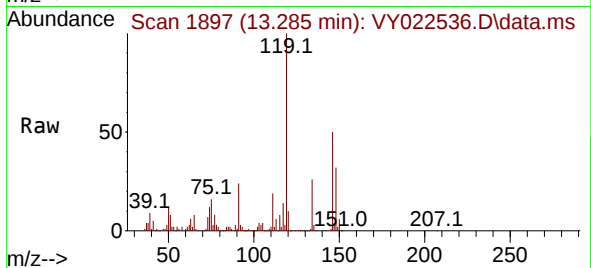
Tgt Ion:146 Resp: 204862

Ion Ratio Lower Upper

146 100

111 39.0 20.1 60.2

148 63.6 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 49.839 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

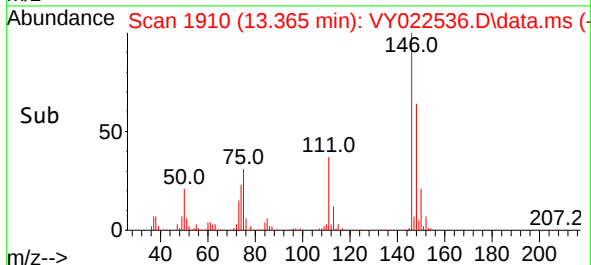
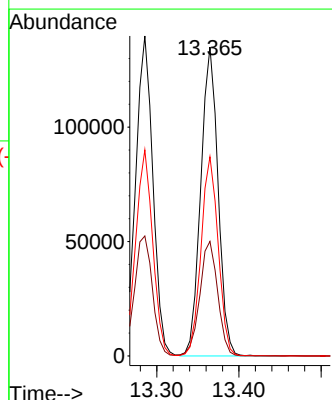
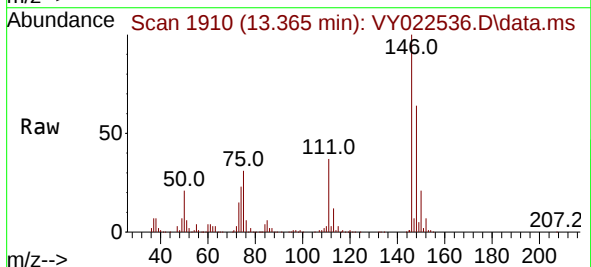
Tgt Ion:146 Resp: 197352

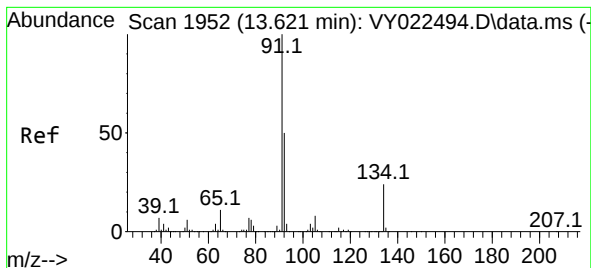
Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.2

148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 48.858 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

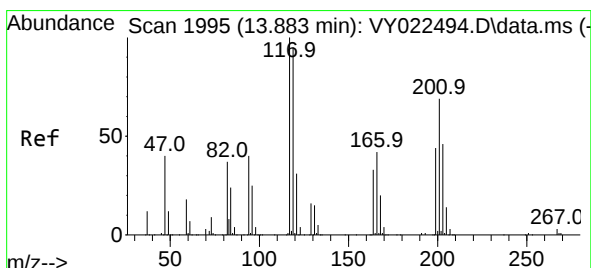
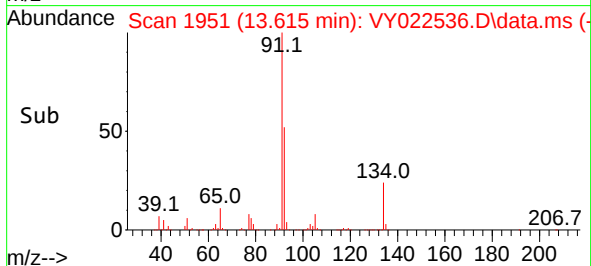
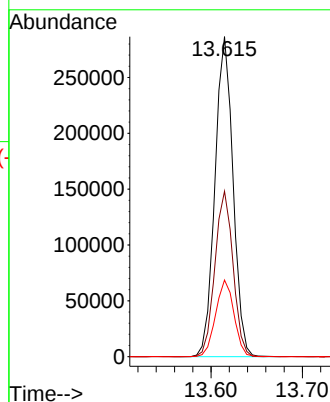
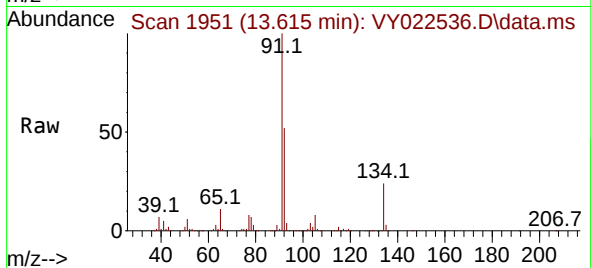
Tgt Ion: 91 Resp: 393731

Ion Ratio Lower Upper

91 100

92 51.8 25.9 77.8

134 24.3 12.0 36.1



#90

Hexachloroethane

Concen: 50.031 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022536.D

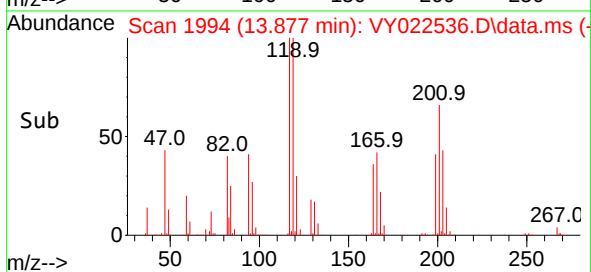
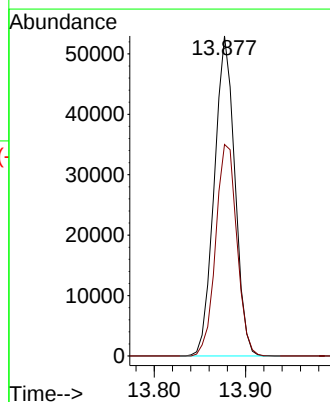
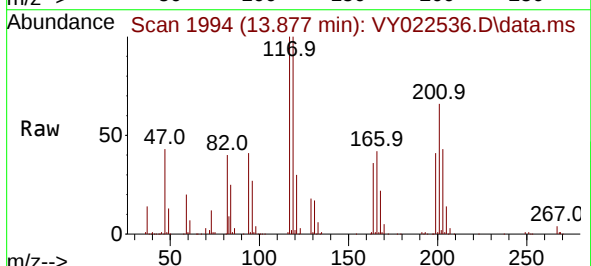
Acq: 03 Jun 2025 20:51

Tgt Ion: 117 Resp: 82732

Ion Ratio Lower Upper

117 100

201 68.3 34.0 102.0

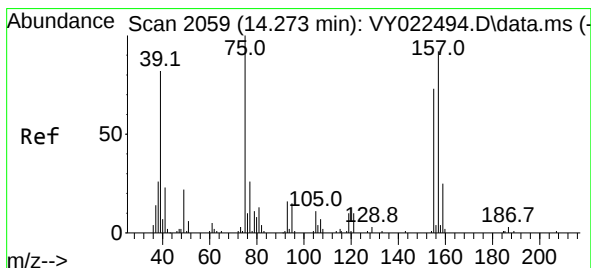
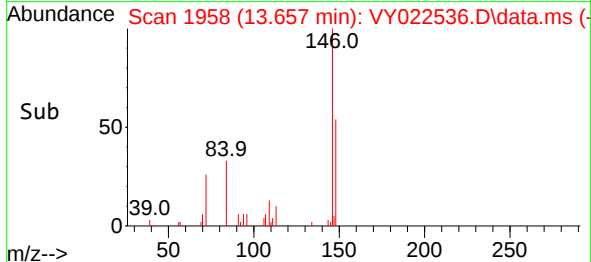
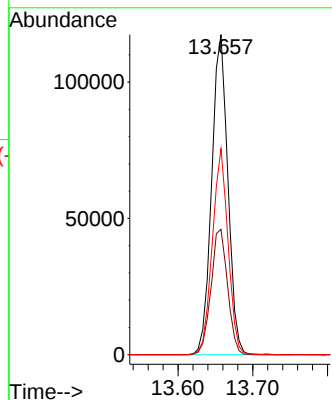
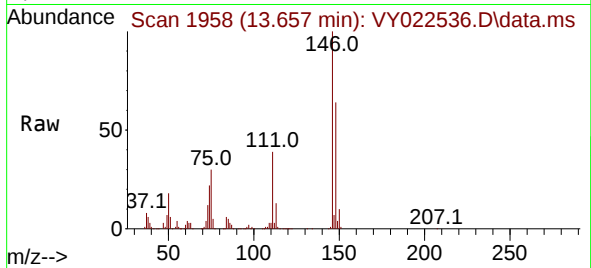




#91
1,2-Dichlorobenzene
Concen: 50.893 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

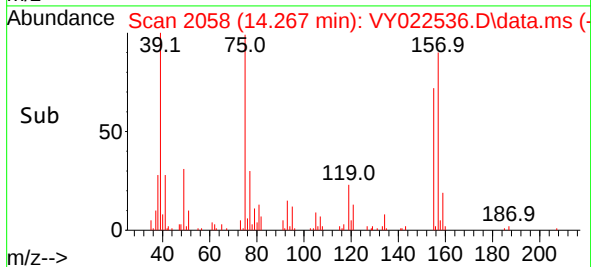
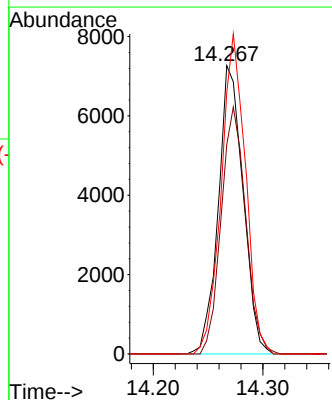
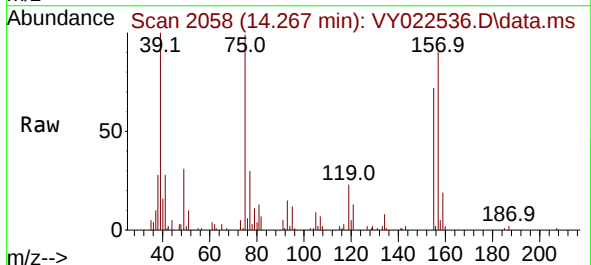
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

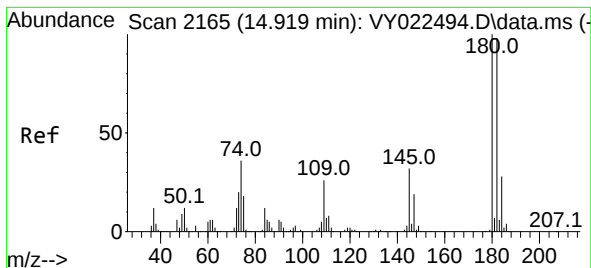
Tgt Ion:146 Resp: 176409
Ion Ratio Lower Upper
146 100
111 40.1 20.2 60.6
148 62.5 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.137 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 75 Resp: 11440
Ion Ratio Lower Upper
75 100
155 84.5 39.9 119.6
157 108.2 54.0 162.0

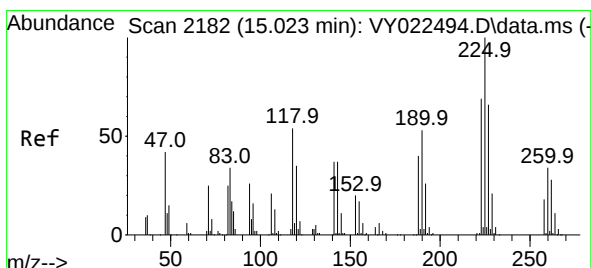
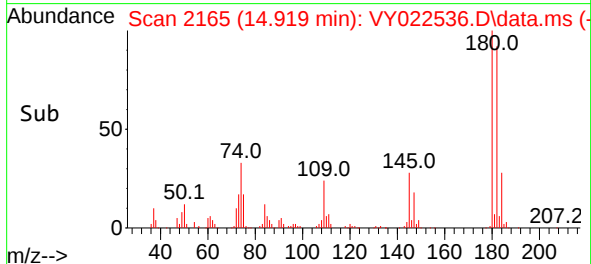
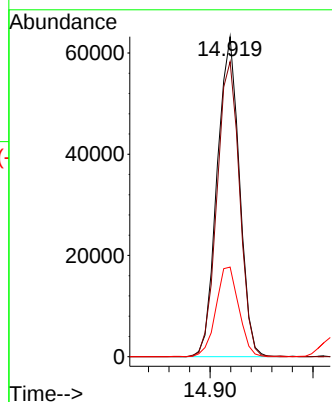
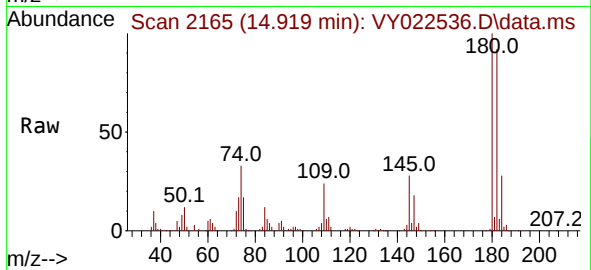




#93
1,2,4-Trichlorobenzene
Concen: 50.174 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

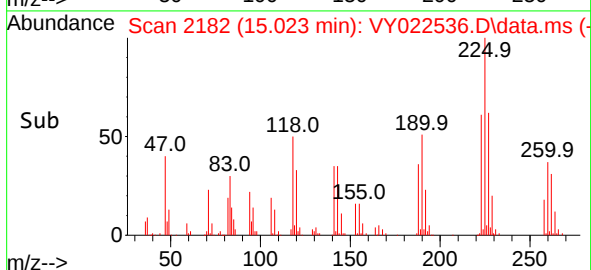
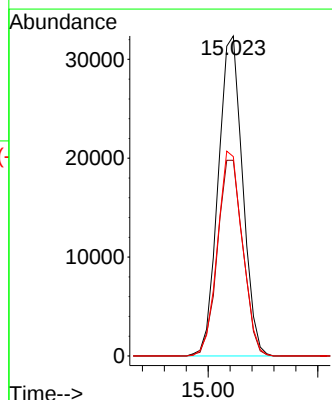
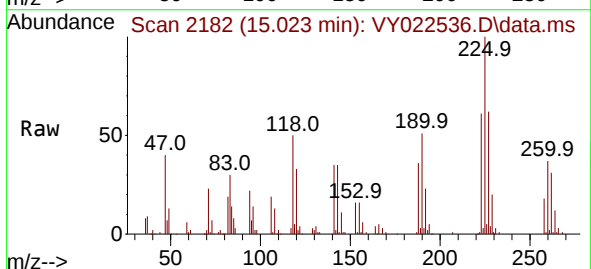
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

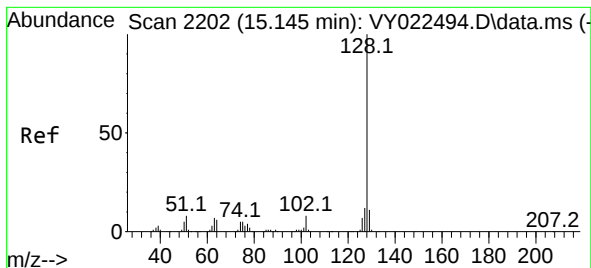
Tgt Ion:180 Resp: 94854
Ion Ratio Lower Upper
180 100
182 93.5 48.4 145.3
145 28.8 15.5 46.5



#94
Hexachlorobutadiene
Concen: 47.930 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:225 Resp: 50011
Ion Ratio Lower Upper
225 100
223 63.6 32.5 97.4
227 65.1 32.3 96.9





#95

Naphthalene

Concen: 51.402 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

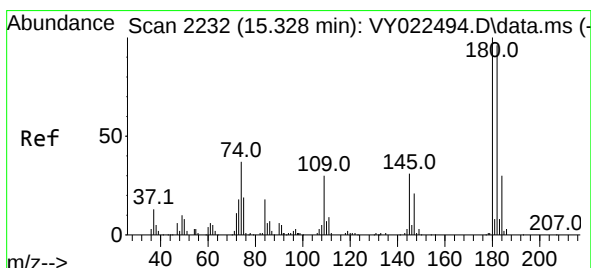
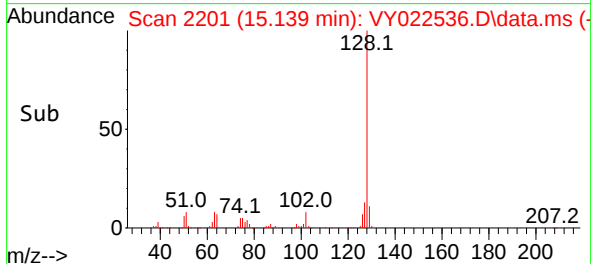
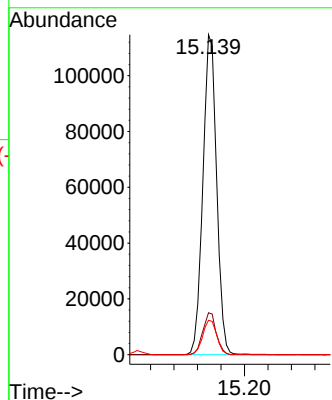
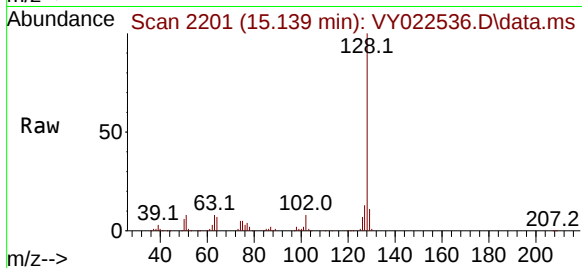
Tgt Ion:128 Resp: 186479

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 50.220 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022536.D

Acq: 03 Jun 2025 20:51

Tgt Ion:180 Resp: 81365

Ion Ratio Lower Upper

180 100

182 95.2 47.1 141.3

145 31.3 15.2 45.6

