

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
 Data File : VY022558.D
 Acq On : 04 Jun 2025 18:30
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 05 04:19:53 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	7.701	168	158975	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	279339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	241183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	117017	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	97678	54.936	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.880%	
35) Dibromofluoromethane	7.628	113	88214	52.908	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.820%	
50) Toluene-d8	10.103	98	356674	52.942	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.880%	
62) 4-Bromofluorobenzene	12.401	95	106676	53.144	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.860	85	64262	45.150	ug/l	96
3) Chloromethane	2.062	50	204761	48.697	ug/l	97
4) Vinyl Chloride	2.196	62	303078	62.133	ug/l	99
5) Bromomethane	2.586	94	229885	49.170	ug/l	99
6) Chloroethane	2.726	64	214335	64.017	ug/l	94
7) Trichlorofluoromethane	3.037	101	270754	65.384	ug/l	96
8) Diethyl Ether	3.446	74	49448	53.024	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.805	101	86293	49.478	ug/l	99
10) Methyl Iodide	3.994	142	93547	49.564	ug/l	98
11) Tert butyl alcohol	4.860	59	35904	282.722	ug/l	98
12) 1,1-Dichloroethene	3.781	96	85513	51.294	ug/l	99
13) Acrolein	3.647	56	28858	182.337	ug/l	98
14) Allyl chloride	4.372	41	130279	49.779	ug/l	99
15) Acrylonitrile	5.055	53	105560	267.271	ug/l	98
16) Acetone	3.866	43	82969	229.770	ug/l	98
17) Carbon Disulfide	4.092	76	263130	49.300	ug/l	99
18) Methyl Acetate	4.372	43	62557	58.503	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	250199	53.284	ug/l	96
20) Methylene Chloride	4.604	84	105903	51.631	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	97122	52.053	ug/l	98
22) Diisopropyl ether	6.012	45	300883	51.649	ug/l	99
23) Vinyl Acetate	5.951	43	871622	252.793	ug/l	98
24) 1,1-Dichloroethane	5.902	63	184232	53.682	ug/l	98
25) 2-Butanone	6.890	43	135777	260.679	ug/l	99
26) 2,2-Dichloropropane	6.878	77	141311	46.602	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	116694	54.110	ug/l	98
28) Bromochloromethane	7.244	49	78475	52.457	ug/l	99
29) Tetrahydrofuran	7.256	42	89675	266.938	ug/l	98
30) Chloroform	7.414	83	184229	54.197	ug/l	96
31) Cyclohexane	7.695	56	153633	44.966	ug/l	94
32) 1,1,1-Trichloroethane	7.609	97	158210	52.430	ug/l	98
36) 1,1-Dichloropropene	7.829	75	131957	48.764	ug/l	99
37) Ethyl Acetate	6.981	43	62653	51.918	ug/l	99
38) Carbon Tetrachloride	7.811	117	139655	50.308	ug/l	98
39) Methylcyclohexane	9.103	83	169236	46.538	ug/l	99
40) Benzene	8.073	78	415520	51.988	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	35851	50.861	ug/l	95
42) 1,2-Dichloroethane	8.152	62	113747	52.122	ug/l	98
43) Isopropyl Acetate	8.189	43	131836	50.584	ug/l	98
44) Trichloroethene	8.859	130	101510	51.965	ug/l	100
45) 1,2-Dichloropropane	9.134	63	98484	52.138	ug/l	100
46) Dibromomethane	9.225	93	55722	52.435	ug/l	99
47) Bromodichloromethane	9.420	83	143092	53.104	ug/l	100
48) Methyl methacrylate	9.219	41	62422	51.031	ug/l	97
49) 1,4-Dioxane	9.225	88	14089	1119.098	ug/l	92
51) 4-Methyl-2-Pentanone	9.993	43	345728	266.064	ug/l	98
52) Toluene	10.164	92	258488	51.463	ug/l	99
53) t-1,3-Dichloropropene	10.389	75	127607	50.543	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	151332	51.492	ug/l	99
55) 1,1,2-Trichloroethane	10.566	97	71776	52.969	ug/l	97
56) Ethyl methacrylate	10.432	69	102997	52.590	ug/l	98
57) 1,3-Dichloropropane	10.713	76	126176	52.536	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	257776	289.897	ug/l	99
59) 2-Hexanone	10.755	43	228523	262.961	ug/l	98
60) Dibromochloromethane	10.908	129	90321	52.450	ug/l	100
61) 1,2-Dibromoethane	11.011	107	64676	52.367	ug/l	100
64) Tetrachloroethene	10.639	164	112231	54.095	ug/l	98
65) Chlorobenzene	11.438	112	273840	51.309	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	92982	51.716	ug/l	99
67) Ethyl Benzene	11.511	91	497662	50.273	ug/l	98
68) m/p-Xylenes	11.621	106	381964	101.785	ug/l	99
69) o-Xylene	11.950	106	181475	51.579	ug/l	98
70) Styrene	11.962	104	303598	52.202	ug/l	99
71) Bromoform	12.127	173	47700	49.856	ug/l #	99
73) Isopropylbenzene	12.249	105	460236	47.906	ug/l	100
74) N-amyl acetate	12.066	43	119656	49.362	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	74374	47.169	ug/l	100
76) 1,2,3-Trichloropropane	12.548	75	107696	80.447	ug/l #	100
77) Bromobenzene	12.529	156	98831	48.749	ug/l	98
78) n-propylbenzene	12.590	91	567578	48.370	ug/l	100
79) 2-Chlorotoluene	12.676	91	302924	48.709	ug/l	99
80) 1,3,5-Trimethylbenzene	12.730	105	366396	48.578	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	25050	45.188	ug/l	98
82) 4-Chlorotoluene	12.773	91	313697	48.896	ug/l	98
83) tert-Butylbenzene	12.993	119	325223	48.043	ug/l	100
84) 1,2,4-Trimethylbenzene	13.035	105	368202	48.809	ug/l	100
85) sec-Butylbenzene	13.169	105	497048	47.942	ug/l	100
86) p-Isopropyltoluene	13.285	119	420614	49.219	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	201664	49.096	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	193992	48.693	ug/l	99
89) n-Butylbenzene	13.614	91	393655	48.552	ug/l	99
90) Hexachloroethane	13.877	117	82819	49.779	ug/l	96
91) 1,2-Dichlorobenzene	13.651	146	174050	49.907	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11977	52.172	ug/l	98
93) 1,2,4-Trichlorobenzene	14.913	180	95213	50.058	ug/l	99
94) Hexachlorobutadiene	15.017	225	50387	47.997	ug/l	98
95) Naphthalene	15.139	128	193189	52.928	ug/l	99
96) 1,2,3-Trichlorobenzene	15.321	180	82251	50.459	ug/l	99

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QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

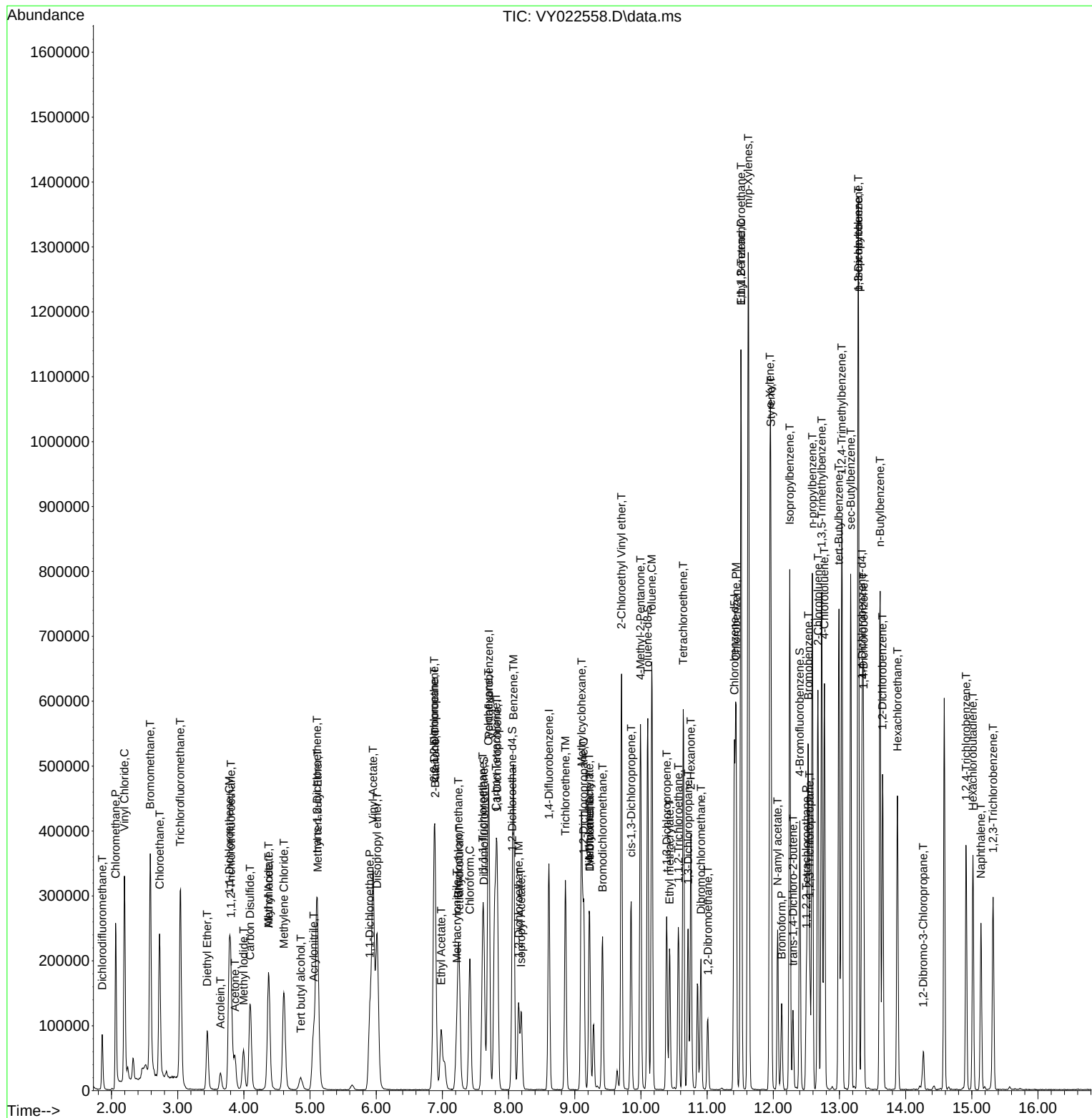
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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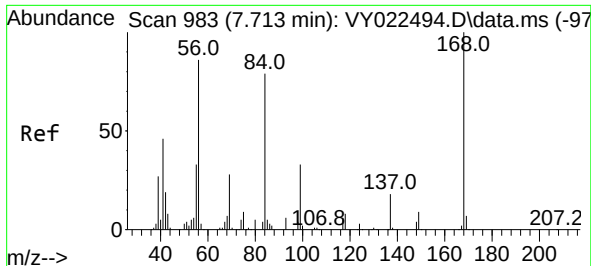
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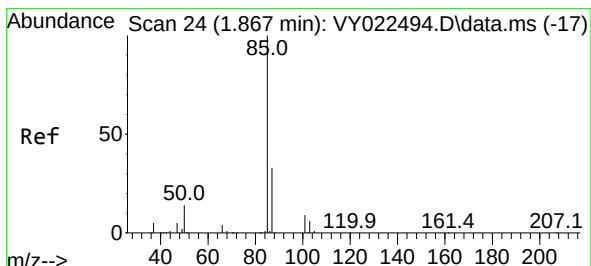
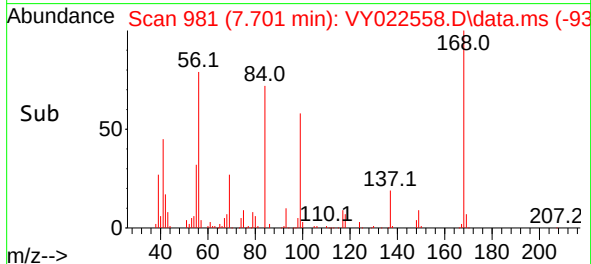
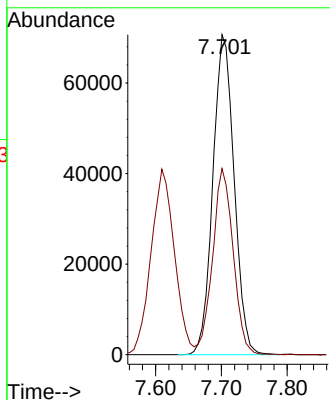
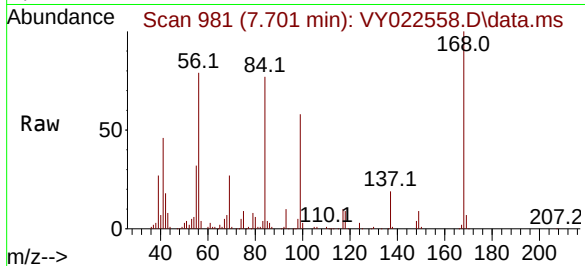




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022558.D
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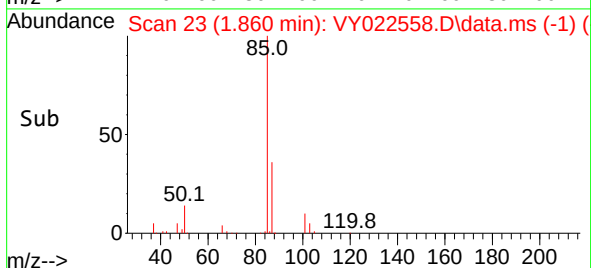
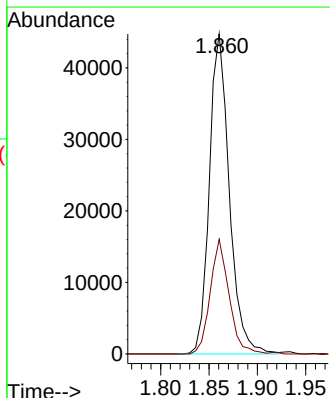
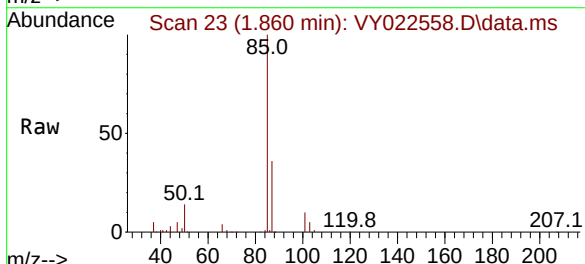
Instrument :
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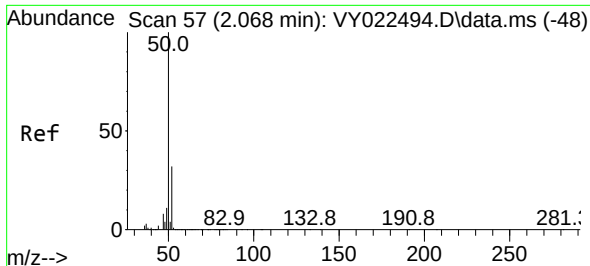
Tgt Ion:168 Resp: 158975
Ion Ratio Lower Upper
168 100
99 58.0 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 45.150 ug/l
RT: 1.860 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 85 Resp: 64262
Ion Ratio Lower Upper
85 100
87 35.8 16.7 50.0

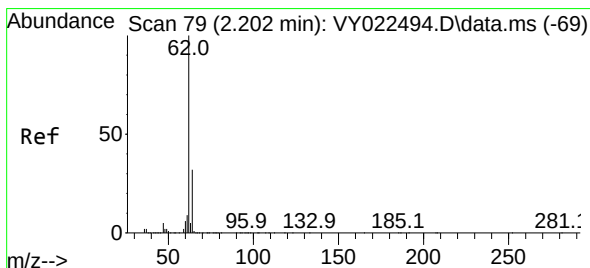
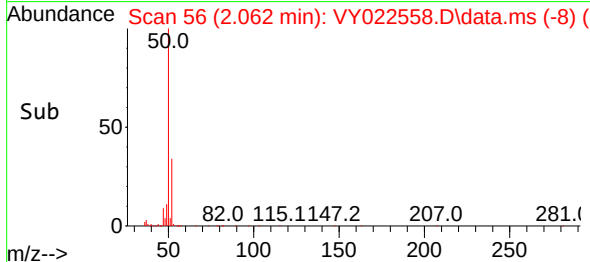
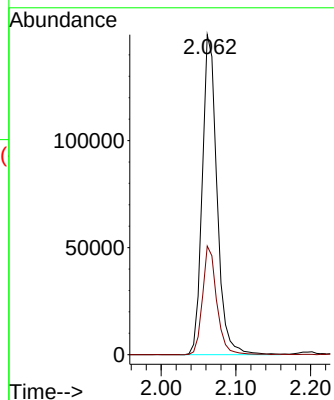
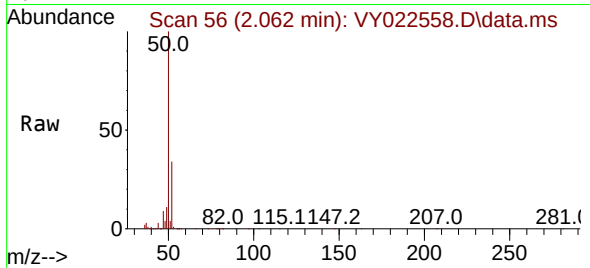




#3
Chloromethane
Concen: 48.697 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

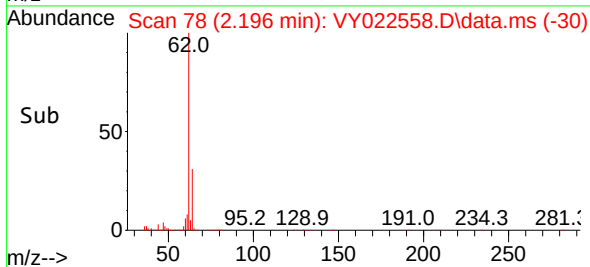
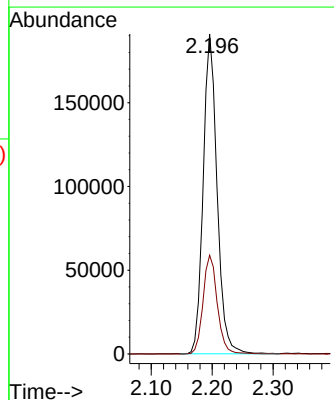
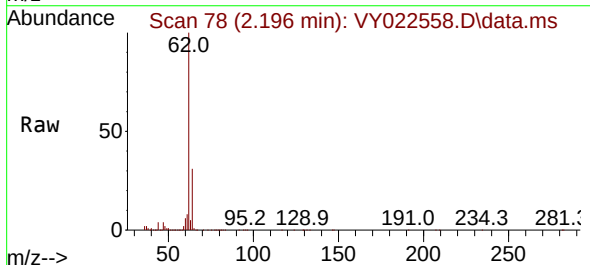
Instrument :
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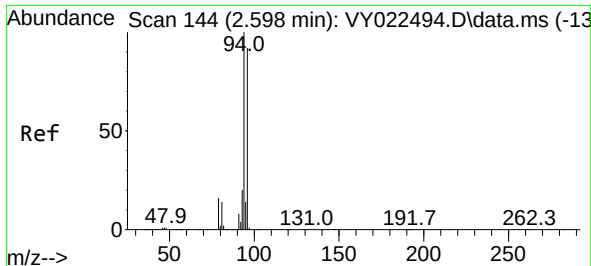
Tgt Ion: 50 Resp: 204761
Ion Ratio Lower Upper
50 100
52 34.0 26.0 39.0



#4
Vinyl Chloride
Concen: 62.133 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 62 Resp: 303078
Ion Ratio Lower Upper
62 100
64 30.9 25.3 37.9

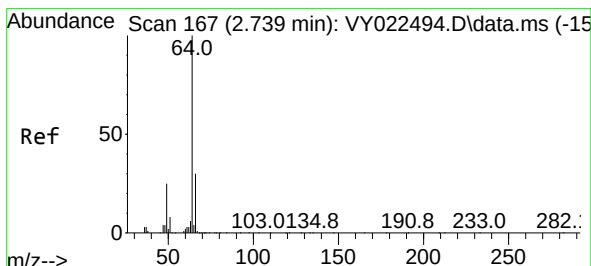
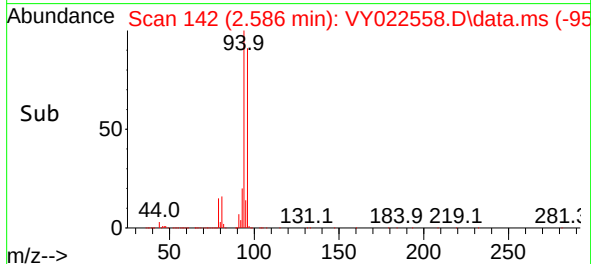
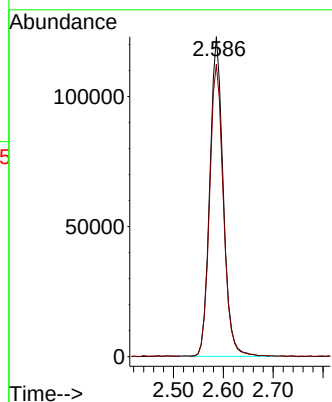
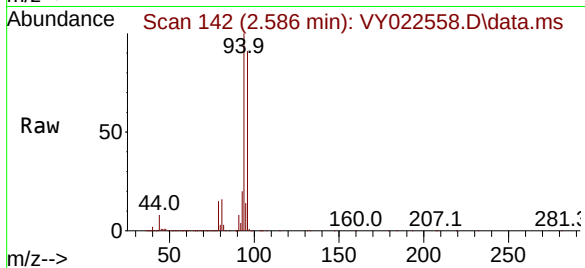




#5
Bromomethane
Concen: 49.170 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

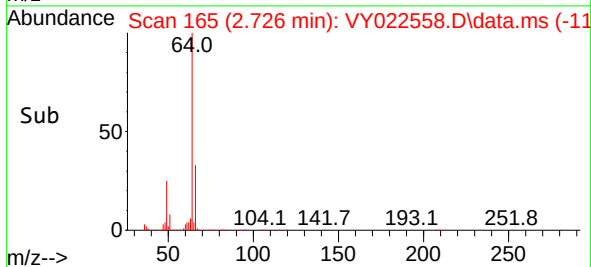
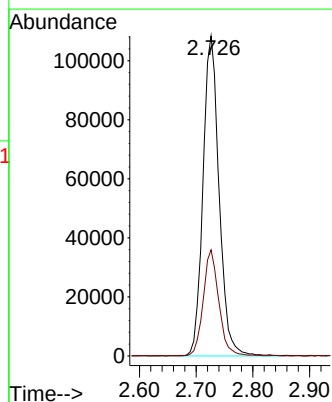
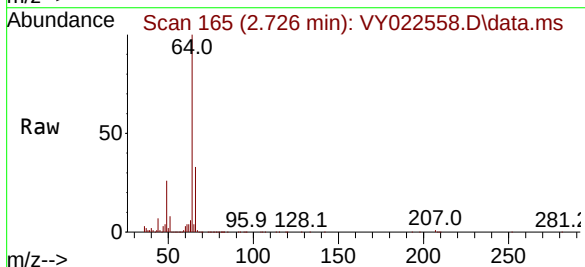
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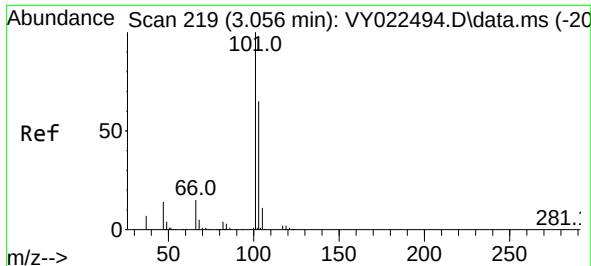
Tgt Ion: 94 Resp: 229885
Ion Ratio Lower Upper
94 100
96 91.3 74.0 111.0



#6
Chloroethane
Concen: 64.017 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 64 Resp: 214335
Ion Ratio Lower Upper
64 100
66 33.1 23.8 35.6

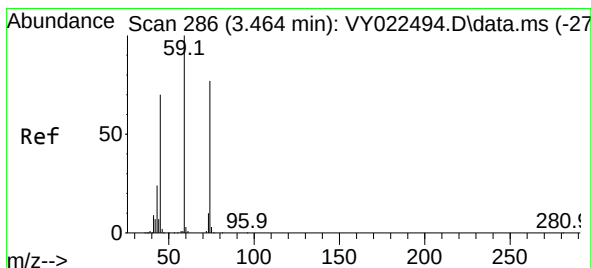
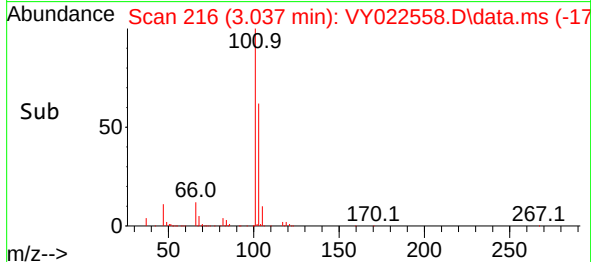
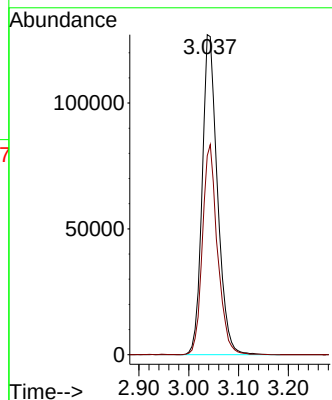
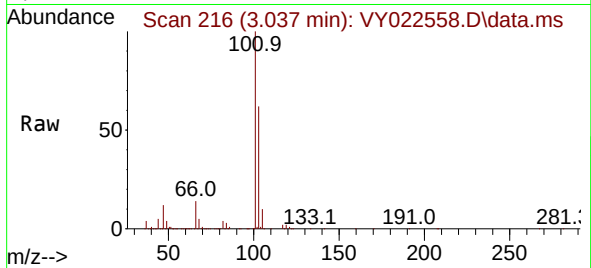




#7
Trichlorofluoromethane
Concen: 65.384 ug/l
RT: 3.037 min Scan# 219
Delta R.T. -0.019 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

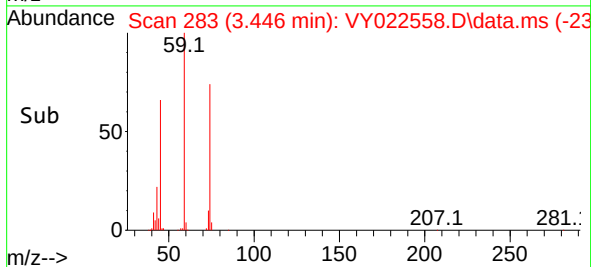
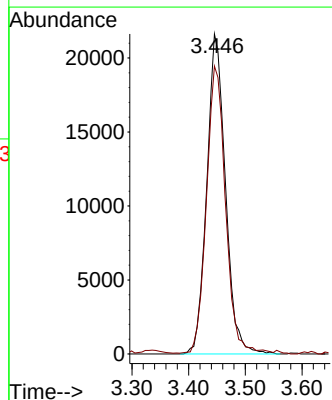
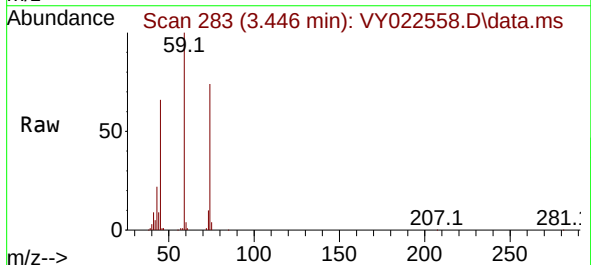
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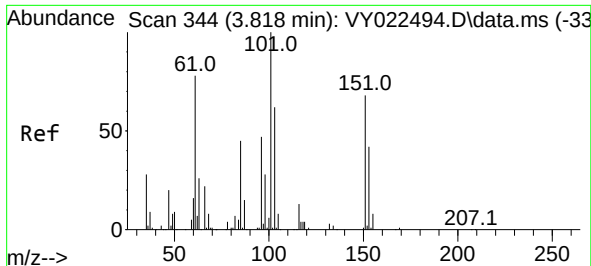
Tgt Ion:101 Resp: 270754
Ion Ratio Lower Upper
101 100
103 62.2 52.2 78.2



#8
Diethyl Ether
Concen: 53.024 ug/l
RT: 3.446 min Scan# 283
Delta R.T. -0.019 min
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Tgt Ion: 74 Resp: 49448
Ion Ratio Lower Upper
74 100
45 91.3 45.9 137.6

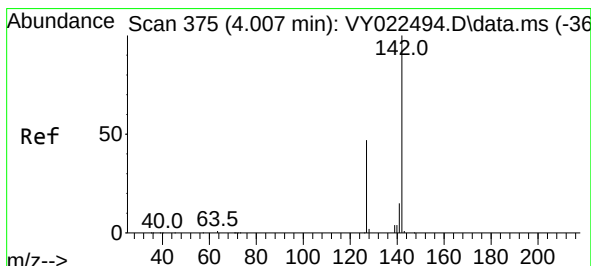
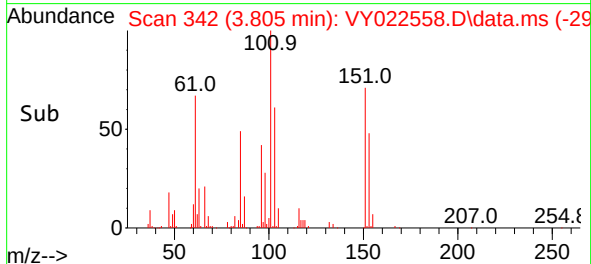
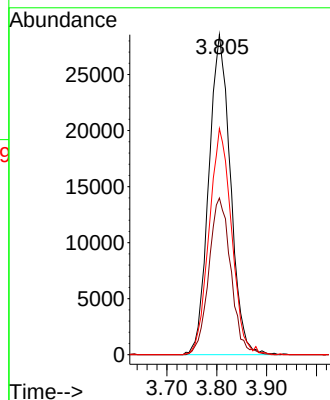
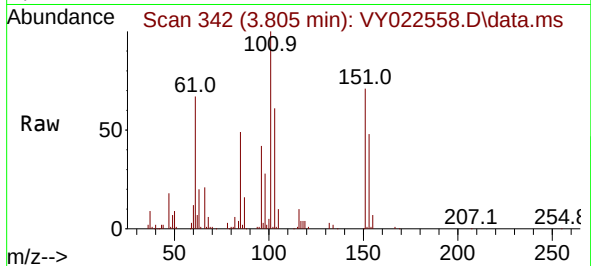




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.478 ug/l
RT: 3.805 min Scan# 344
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

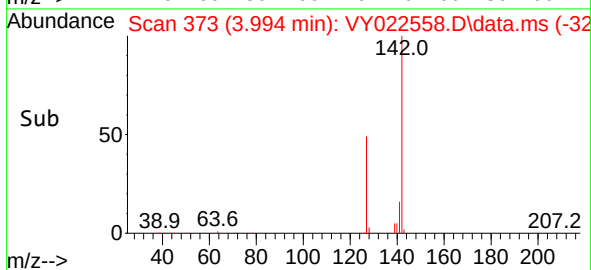
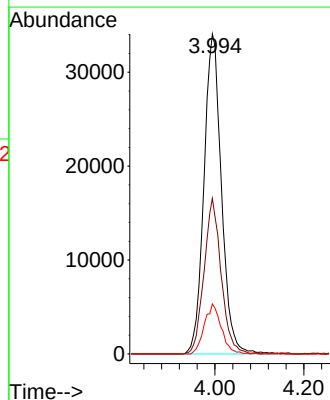
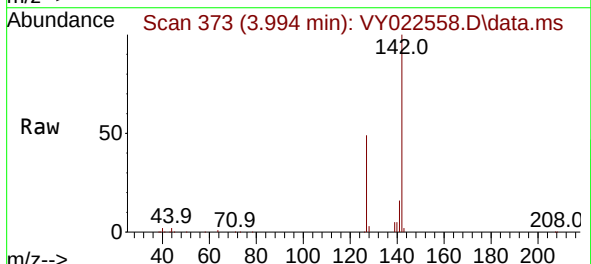
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

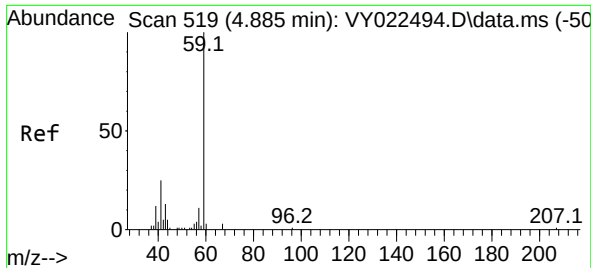
Tgt Ion:101 Resp: 86293
Ion Ratio Lower Upper
101 100
85 49.6 39.3 58.9
151 73.2 57.8 86.8



#10
Methyl Iodide
Concen: 49.564 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion:142 Resp: 93547
Ion Ratio Lower Upper
142 100
127 47.4 37.1 55.7
141 15.1 11.4 17.2

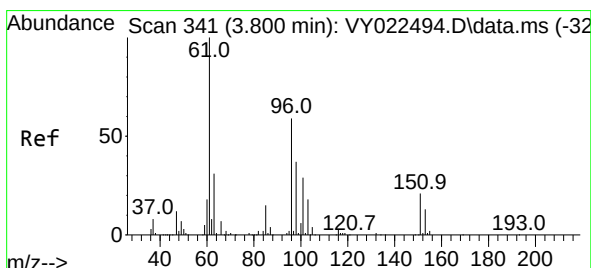
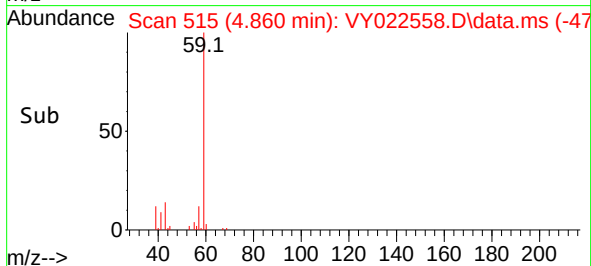
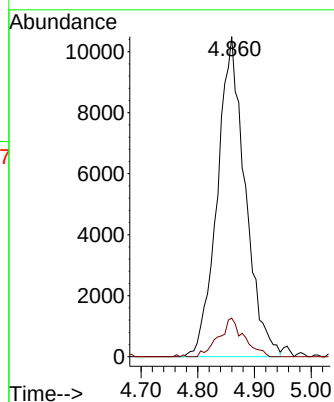
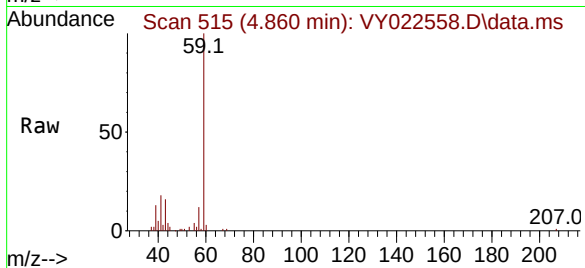




#11
Tert butyl alcohol
Concen: 282.722 ug/l
RT: 4.860 min Scan# 51
Delta R.T. -0.025 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

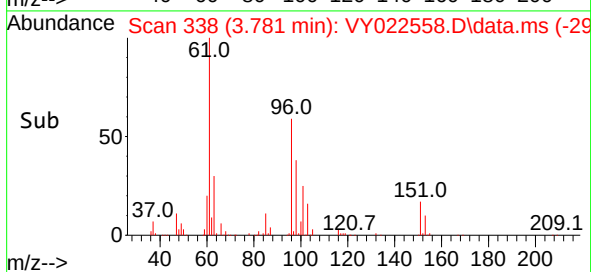
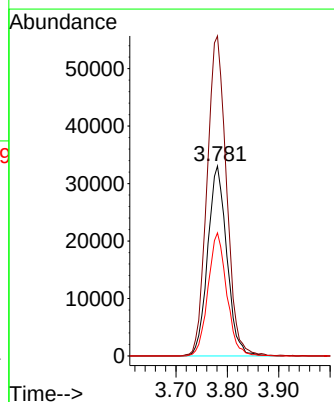
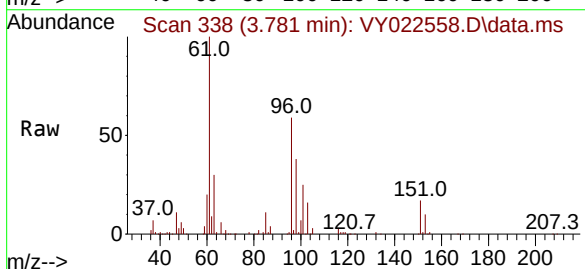
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

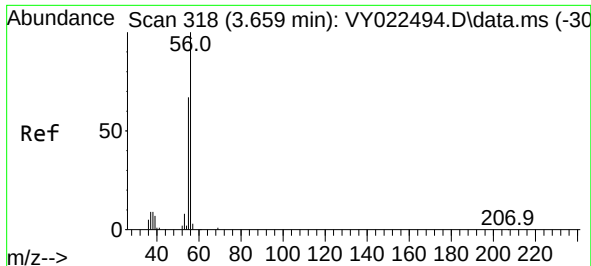
Tgt Ion: 59 Resp: 35904
Ion Ratio Lower Upper
59 100
57 10.8 8.0 12.0



#12
1,1-Dichloroethene
Concen: 51.294 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.019 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 96 Resp: 85513
Ion Ratio Lower Upper
96 100
61 168.4 134.6 201.8
98 64.7 50.2 75.4

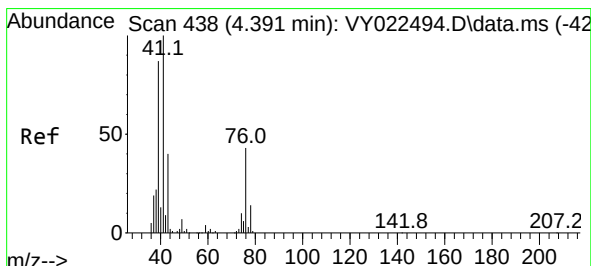
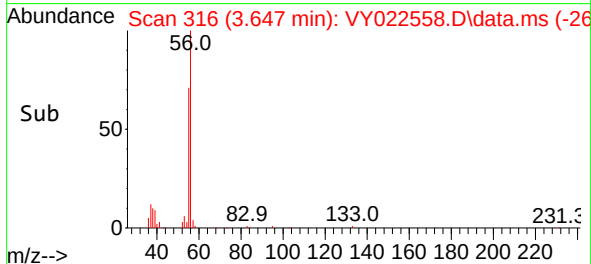
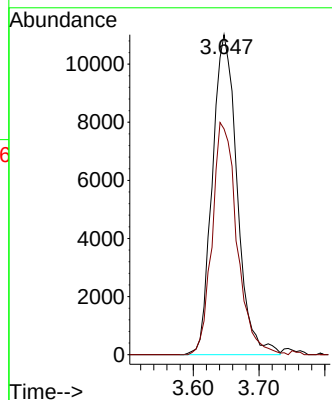
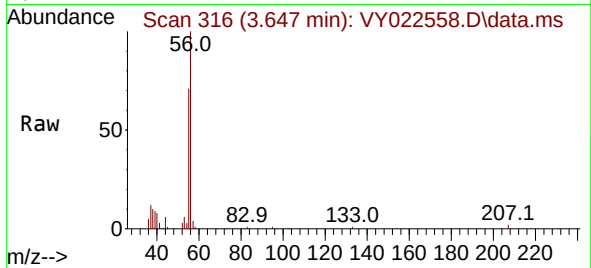




#13
Acrolein
Concen: 182.337 ug/l
RT: 3.647 min Scan# 318
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

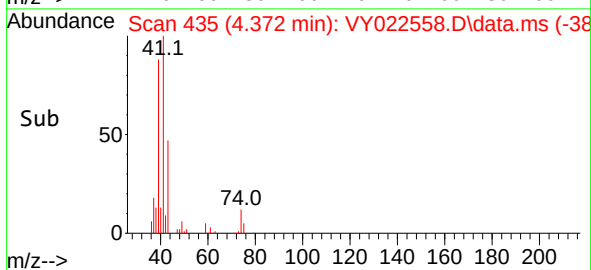
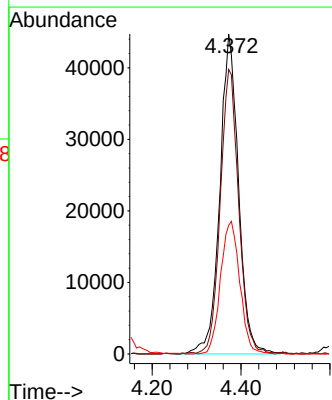
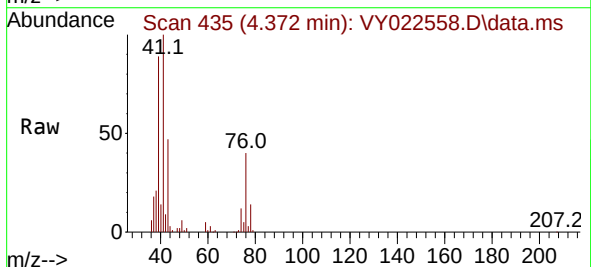
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

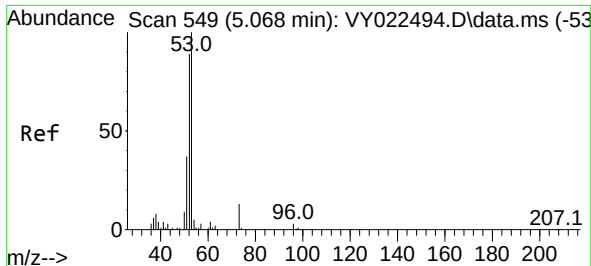
Tgt Ion: 56 Resp: 28858
Ion Ratio Lower Upper
56 100
55 72.7 57.0 85.6



#14
Allyl chloride
Concen: 49.779 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.019 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 41 Resp: 130279
Ion Ratio Lower Upper
41 100
39 87.4 69.1 103.7
76 42.7 33.5 50.3

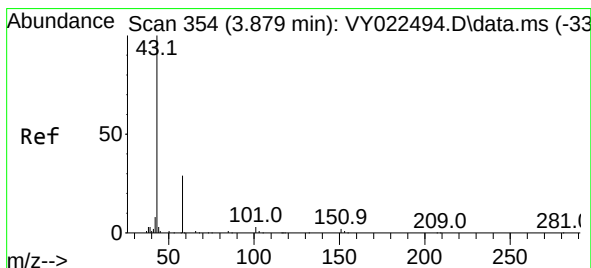
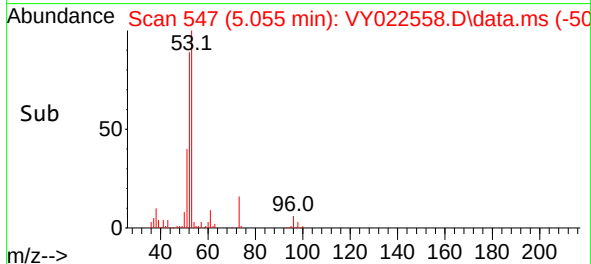
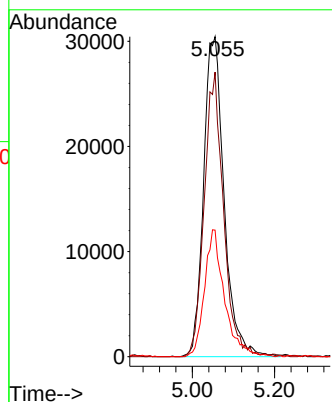
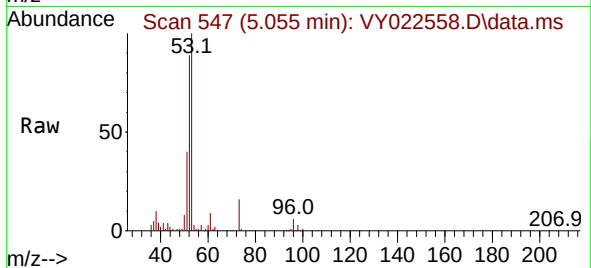




#15
Acrylonitrile
Concen: 267.271 ug/l
RT: 5.055 min Scan# 549
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

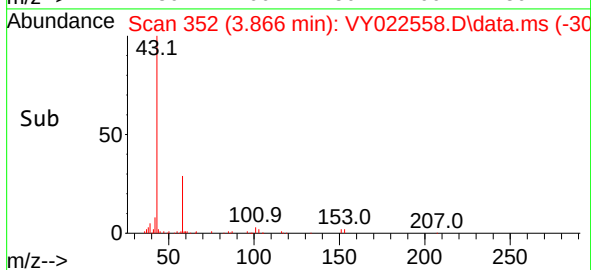
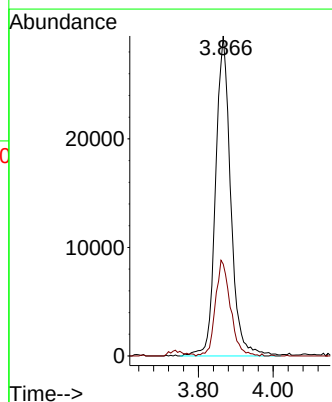
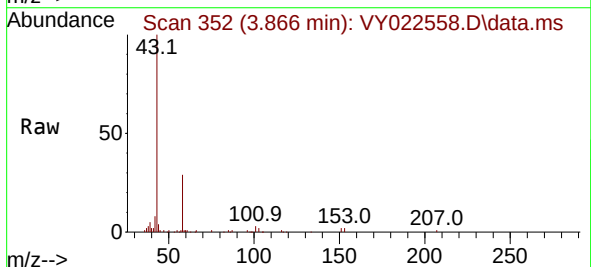
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

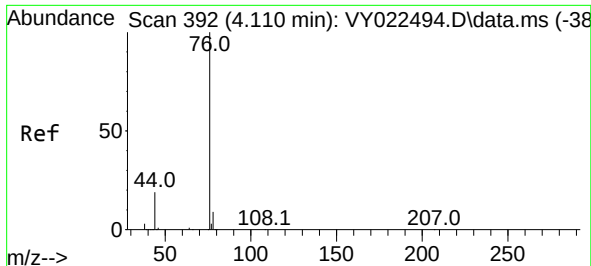
Tgt Ion: 53 Resp: 105560
Ion Ratio Lower Upper
53 100
52 83.4 65.7 98.5
51 38.6 30.1 45.1



#16
Acetone
Concen: 229.770 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 43 Resp: 82969
Ion Ratio Lower Upper
43 100
58 28.7 24.0 36.0

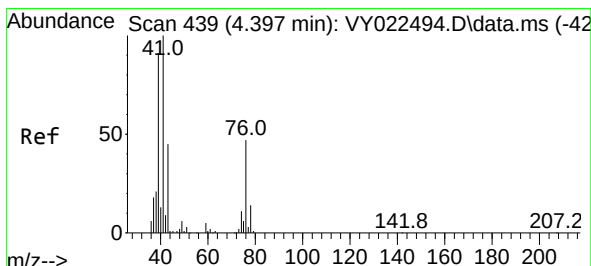
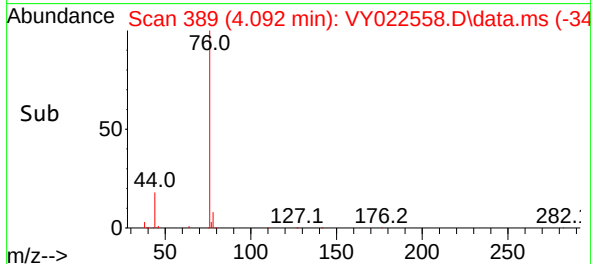
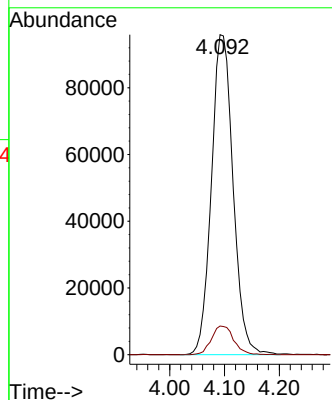
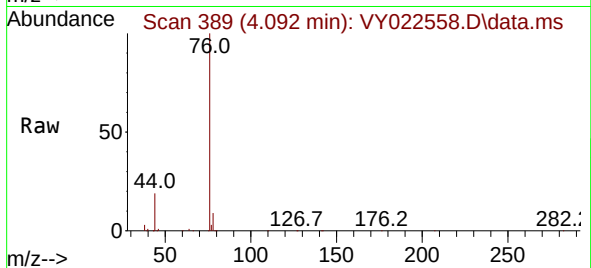




#17
Carbon Disulfide
Concen: 49.300 ug/l
RT: 4.092 min Scan# 31
Delta R.T. -0.019 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

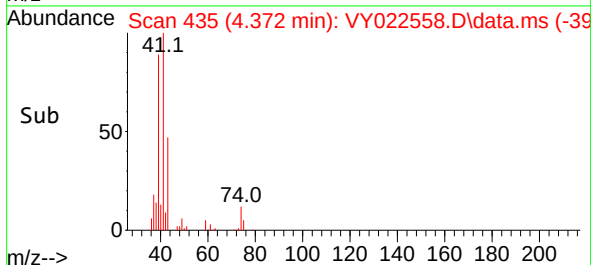
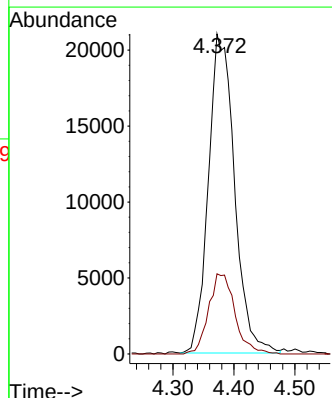
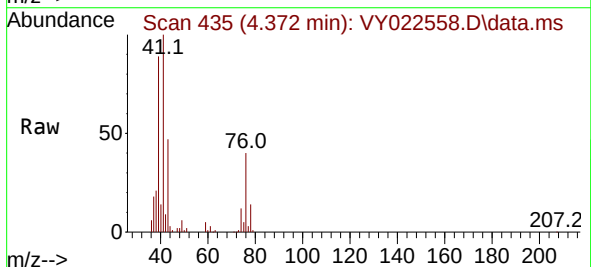
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

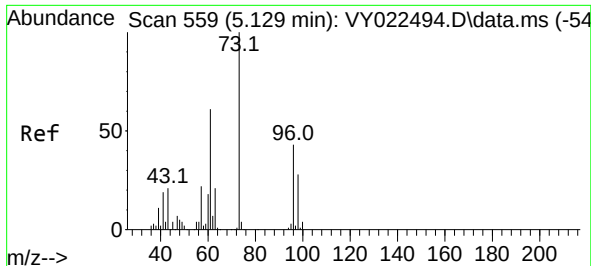
Tgt Ion: 76 Resp: 263130
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 58.503 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.025 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 43 Resp: 62557
Ion Ratio Lower Upper
43 100
74 25.3 19.8 29.6

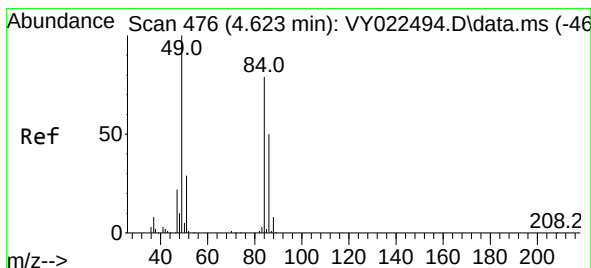
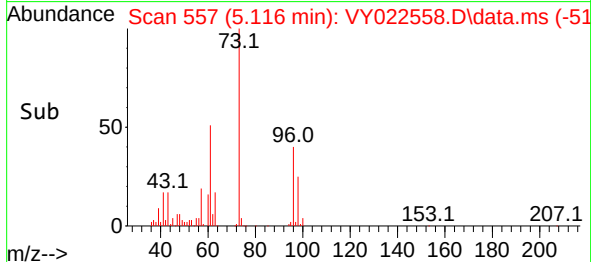
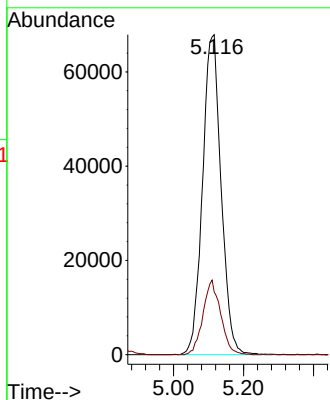
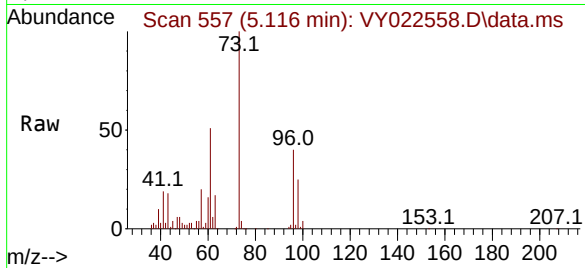




#19
Methyl tert-butyl Ether
Concen: 53.284 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

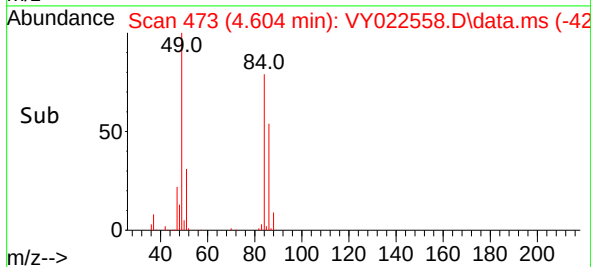
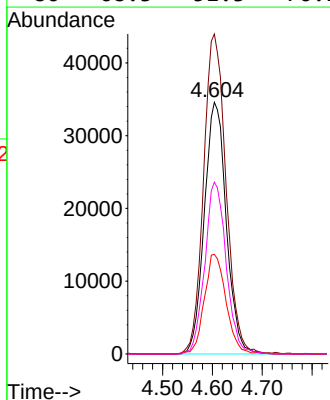
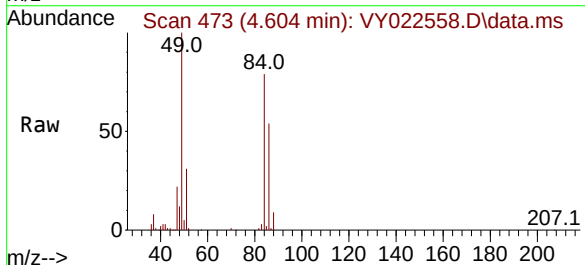
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

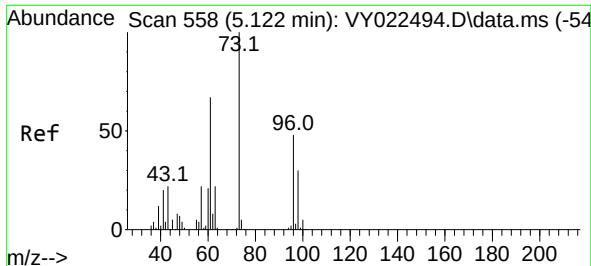
Tgt Ion: 73 Resp: 250199
Ion Ratio Lower Upper
73 100
57 19.6 17.4 26.0



#20
Methylene Chloride
Concen: 51.631 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.019 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 84 Resp: 105903
Ion Ratio Lower Upper
84 100
49 126.9 101.9 152.9
51 39.5 29.8 44.8
86 68.3 51.3 76.9

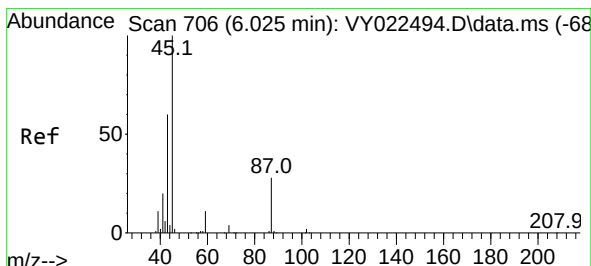
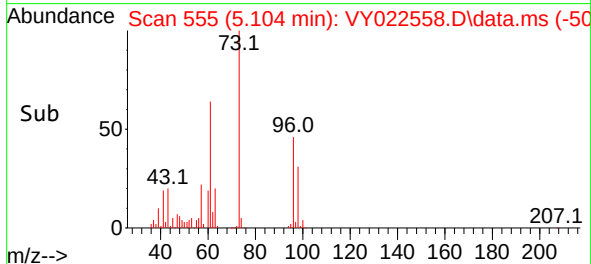
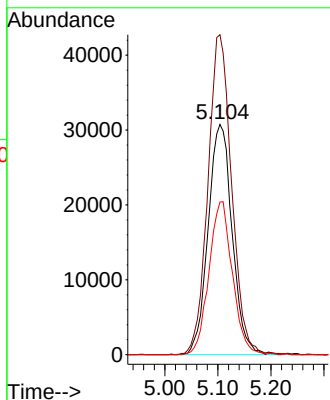
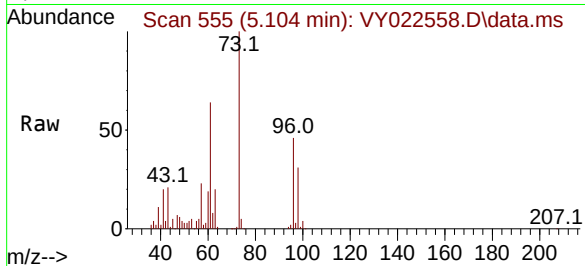




#21
trans-1,2-Dichloroethene
Concen: 52.053 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.019 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

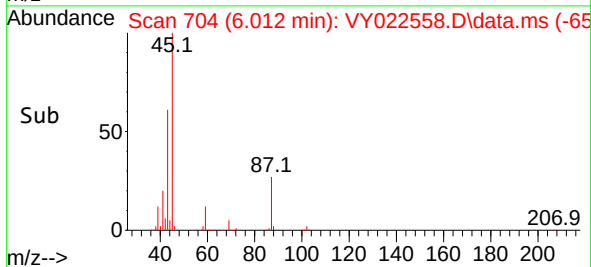
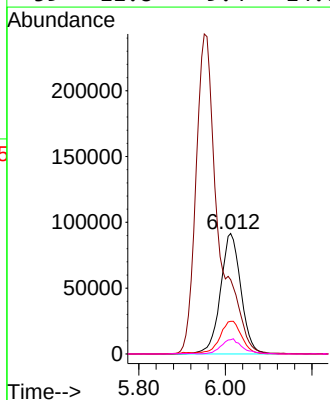
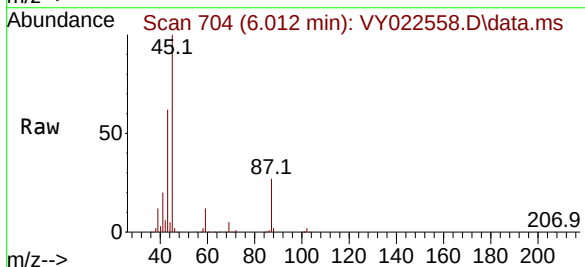
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

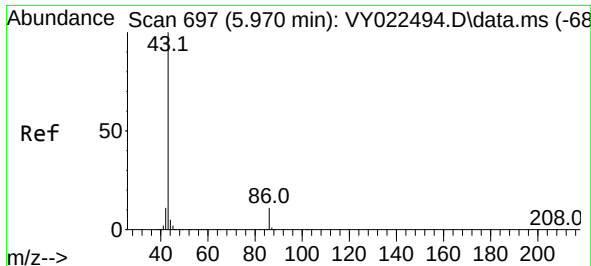
Tgt Ion: 96 Resp: 97122
Ion Ratio Lower Upper
96 100
61 139.0 112.6 169.0
98 66.3 50.6 75.8



#22
Diisopropyl ether
Concen: 51.649 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 45 Resp: 300883
Ion Ratio Lower Upper
45 100
43 60.9 48.3 72.5
87 26.9 23.0 34.6
59 11.8 9.4 14.0

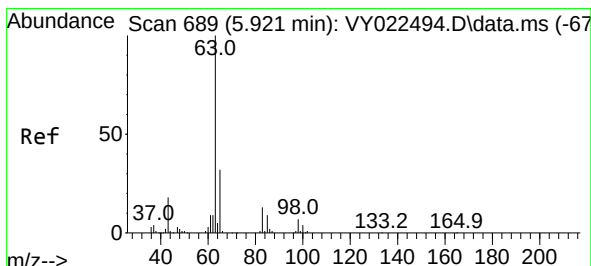
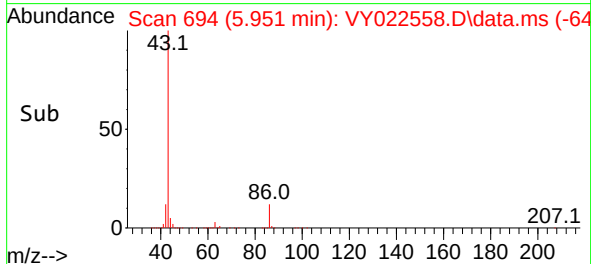
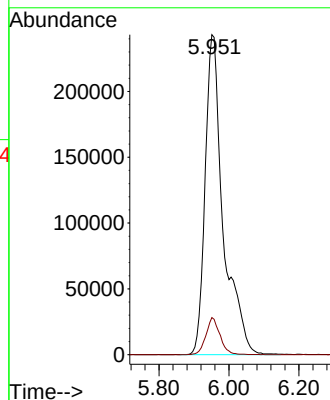
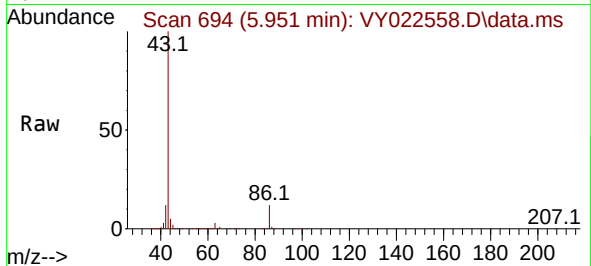




#23
 Vinyl Acetate
 Concen: 252.793 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. -0.019 min
 Lab File: VY022558.D
 Acq: 04 Jun 2025 18:30

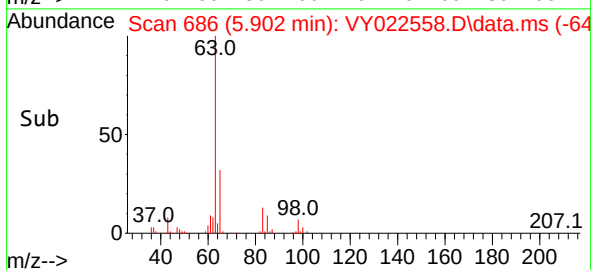
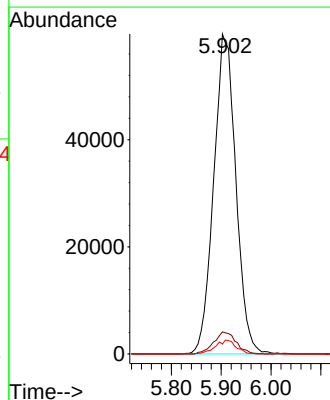
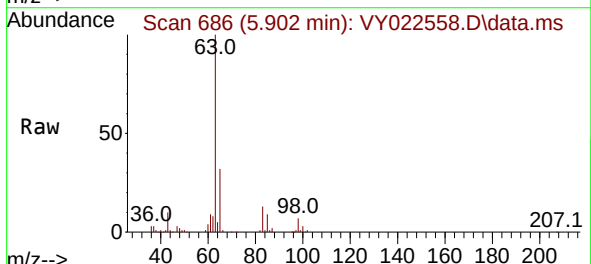
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

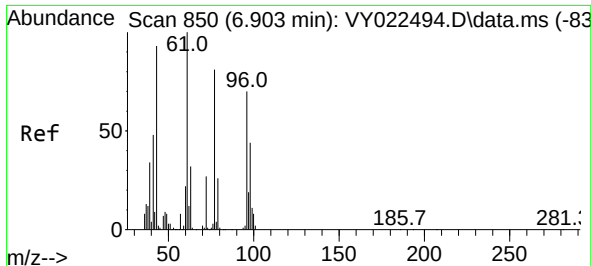
Tgt Ion: 43 Resp: 871622
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 53.682 ug/l
 RT: 5.902 min Scan# 686
 Delta R.T. -0.019 min
 Lab File: VY022558.D
 Acq: 04 Jun 2025 18:30

Tgt Ion: 63 Resp: 184232
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 3.1 2.1 6.3

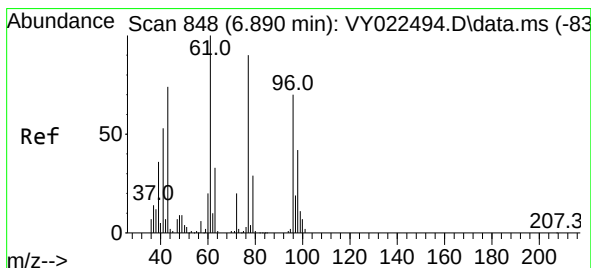
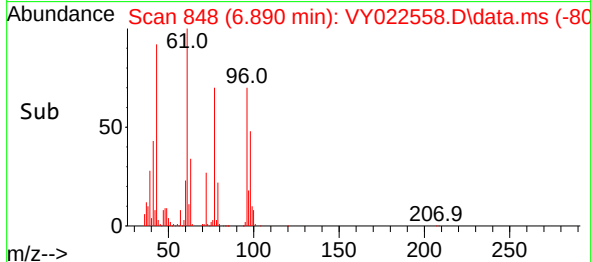
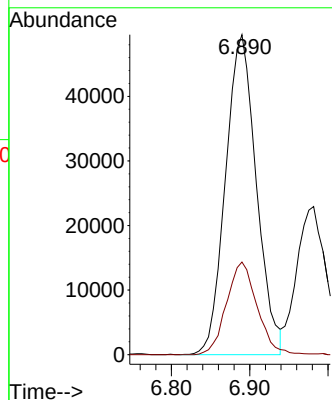
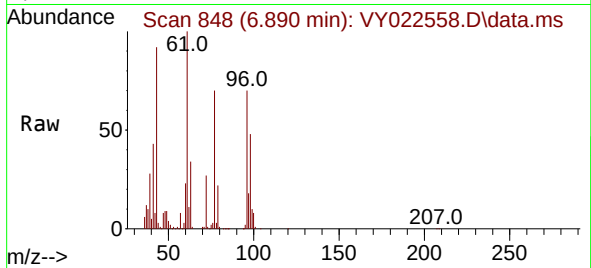




#25
2-Butanone
Concen: 260.679 ug/l
RT: 6.890 min Scan# 846
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

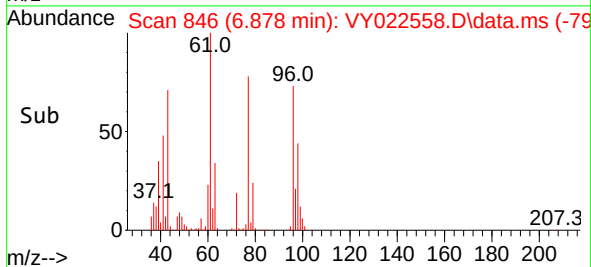
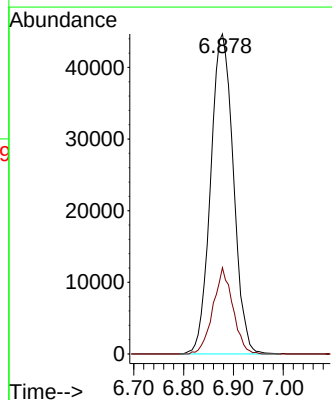
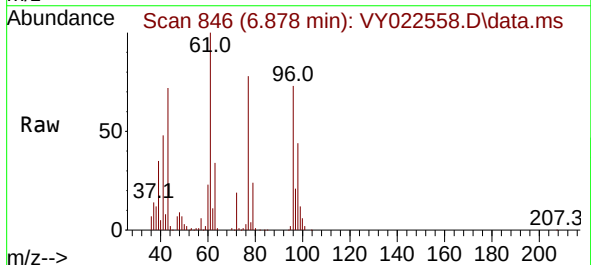
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

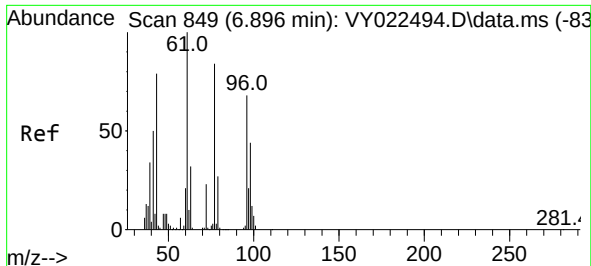
Tgt Ion: 43 Resp: 135777
Ion Ratio Lower Upper
43 100
72 28.9 22.9 34.3



#26
2,2-Dichloropropane
Concen: 46.602 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 77 Resp: 141311
Ion Ratio Lower Upper
77 100
97 23.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 54.110 ug/l

RT: 6.878 min Scan# 84

Delta R.T. -0.019 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

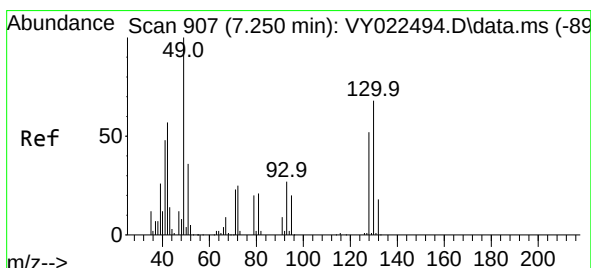
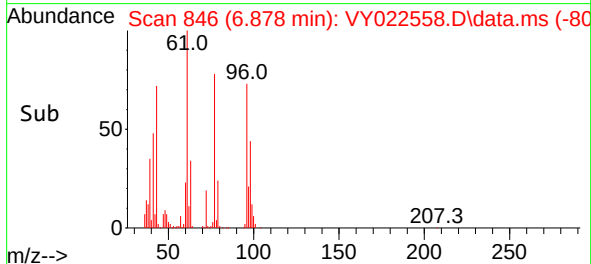
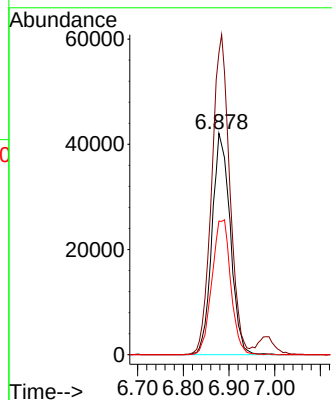
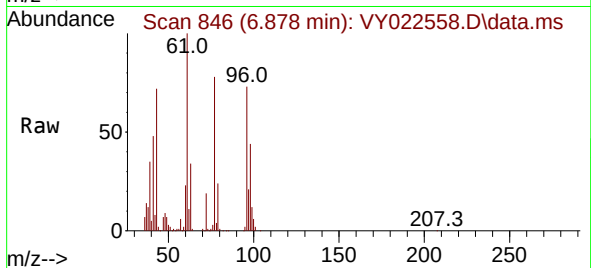
Tgt Ion: 96 Resp: 116694

Ion Ratio Lower Upper

96 100

61 142.8 0.0 290.0

98 63.1 0.0 128.4



#28

Bromochloromethane

Concen: 52.457 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

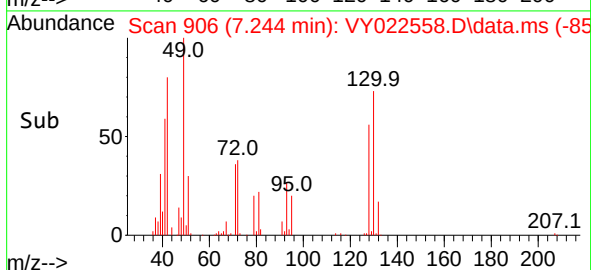
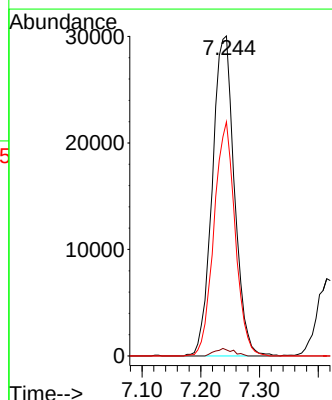
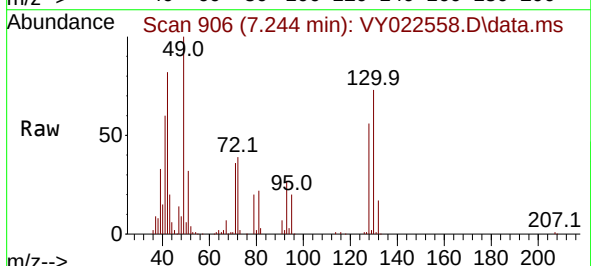
Tgt Ion: 49 Resp: 78475

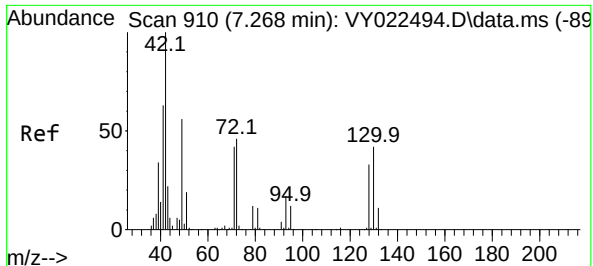
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 70.0 55.7 83.5





#29

Tetrahydrofuran

Concen: 266.938 ug/l

RT: 7.256 min Scan# 90

Delta R.T. -0.013 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

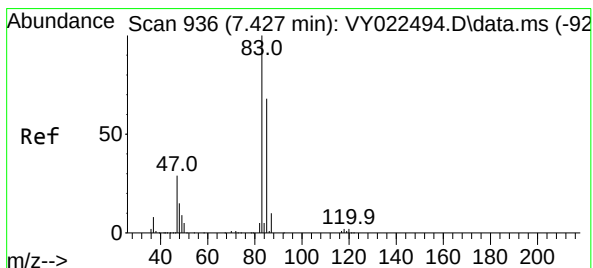
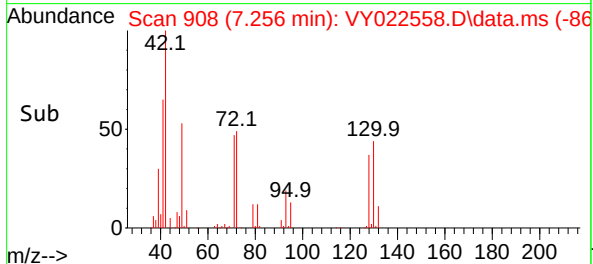
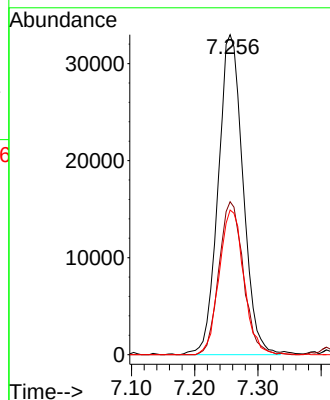
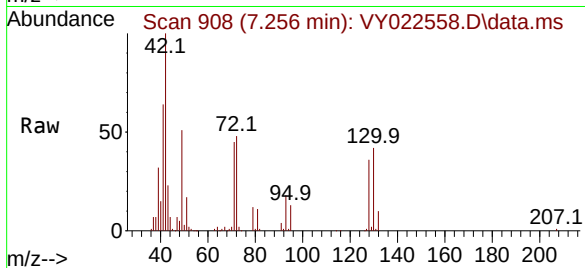
Tgt Ion: 42 Resp: 89675

Ion Ratio Lower Upper

42 100

72 47.0 37.4 56.2

71 45.1 34.2 51.2



#30

Chloroform

Concen: 54.197 ug/l

RT: 7.414 min Scan# 934

Delta R.T. -0.013 min

Lab File: VY022558.D

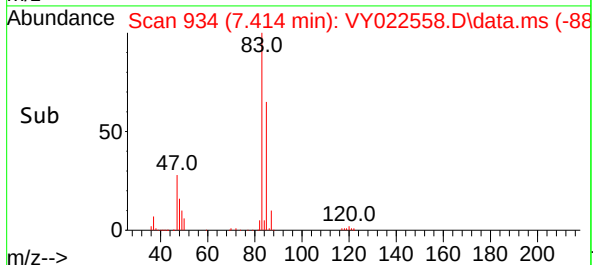
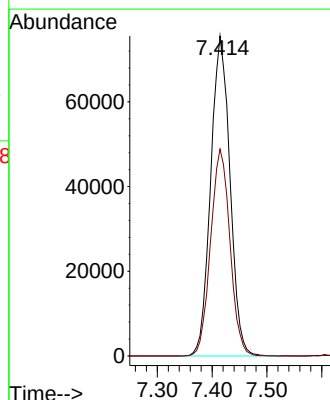
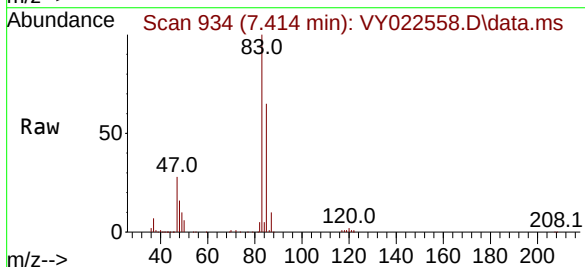
Acq: 04 Jun 2025 18:30

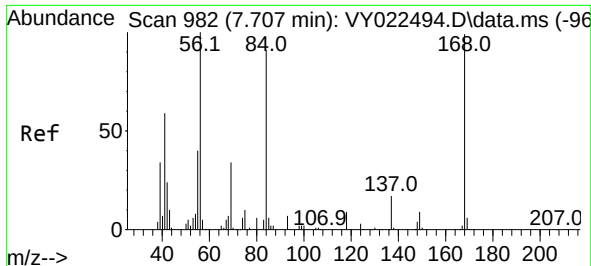
Tgt Ion: 83 Resp: 184229

Ion Ratio Lower Upper

83 100

85 64.6 54.2 81.4

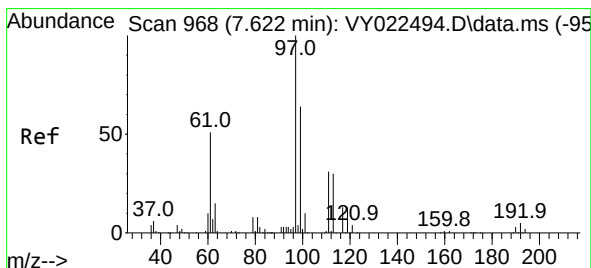
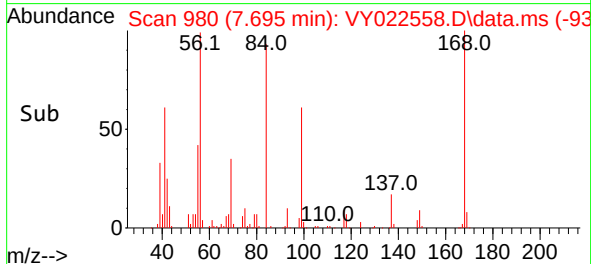
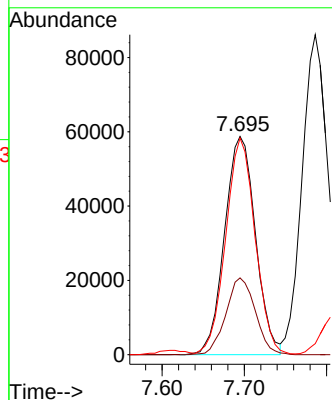
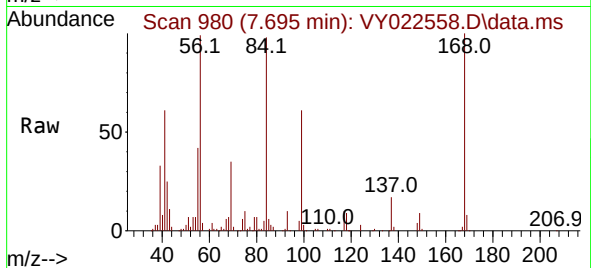




#31
Cyclohexane
Concen: 44.966 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

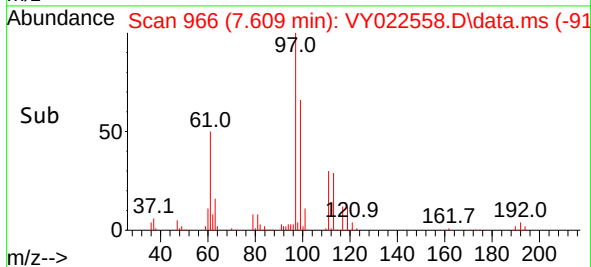
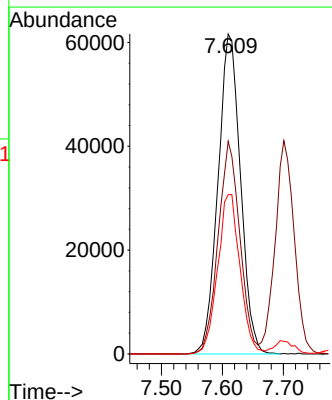
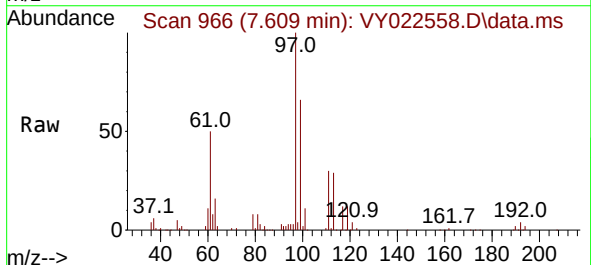
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

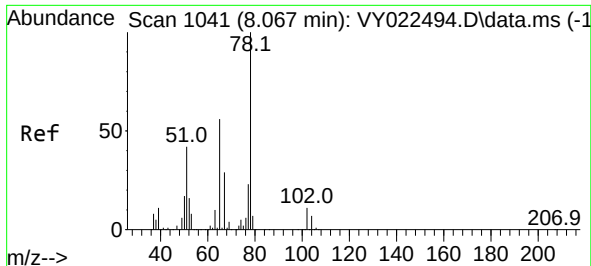
Tgt Ion: 56 Resp: 153633
Ion Ratio Lower Upper
56 100
69 35.2 27.0 40.6
84 97.8 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 52.430 ug/l
RT: 7.609 min Scan# 966
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 97 Resp: 158210
Ion Ratio Lower Upper
97 100
99 64.4 50.9 76.3
61 49.6 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 54.936 ug/l

RT: 8.054 min Scan# 110

Delta R.T. -0.013 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Instrument :

MSVOA_Y

ClientSampleId :

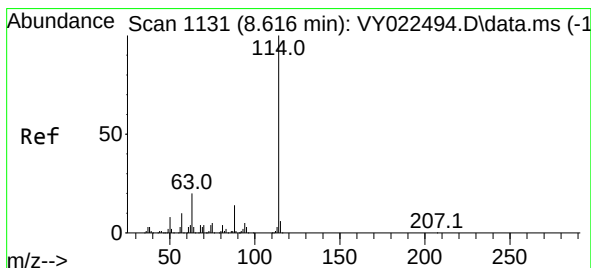
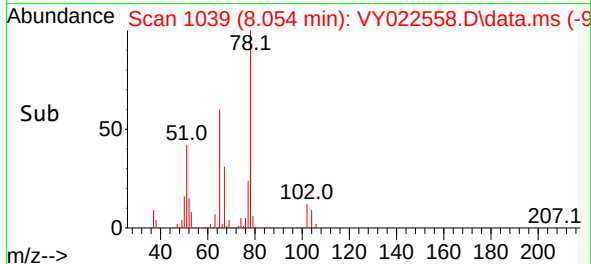
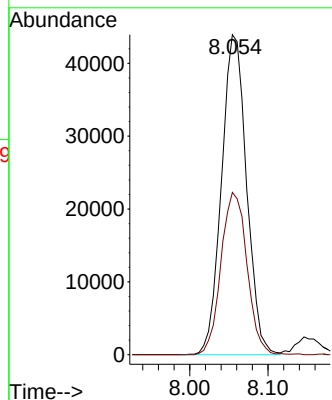
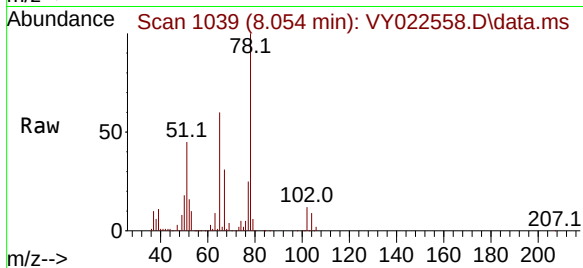
VSTDCCC050EC

Tgt Ion: 65 Resp: 97678

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

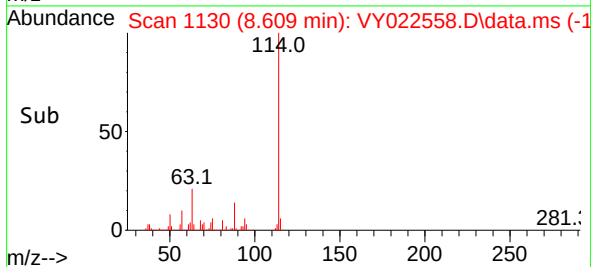
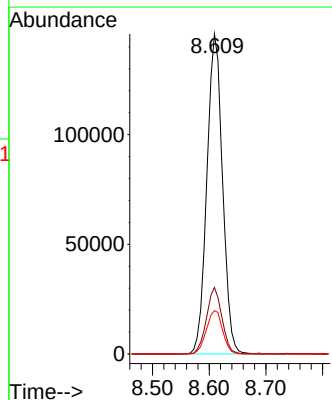
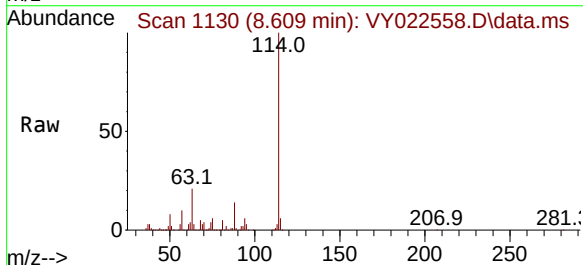
Tgt Ion: 114 Resp: 279339

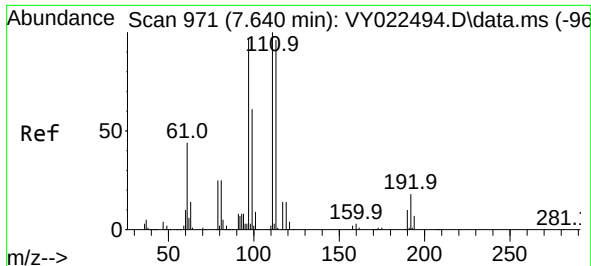
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 13.5 0.0 27.8

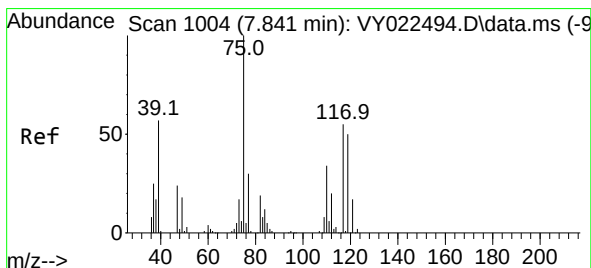
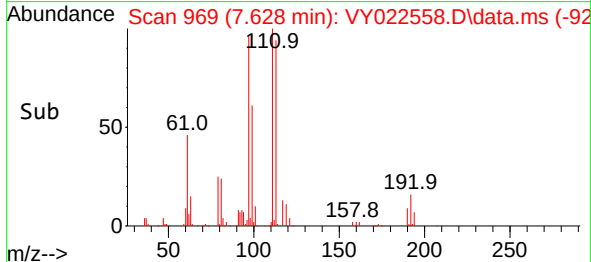
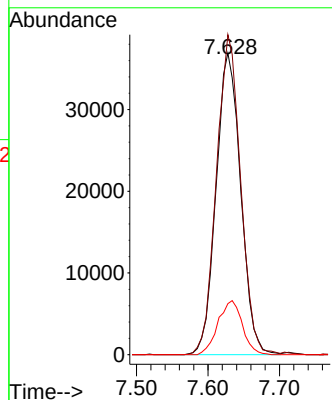
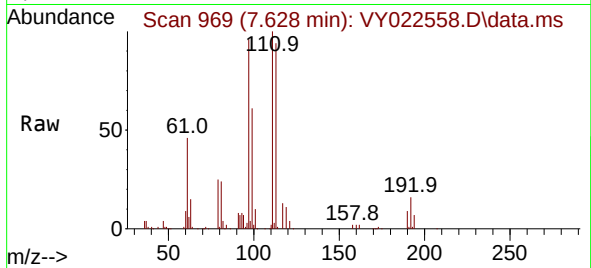




#35
Dibromofluoromethane
Concen: 52.908 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

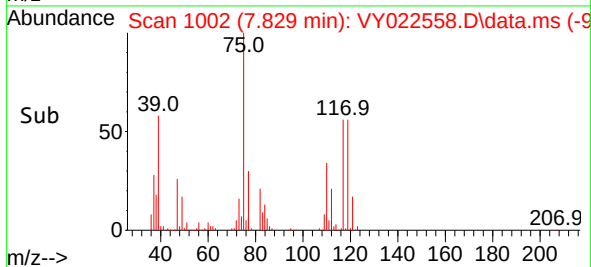
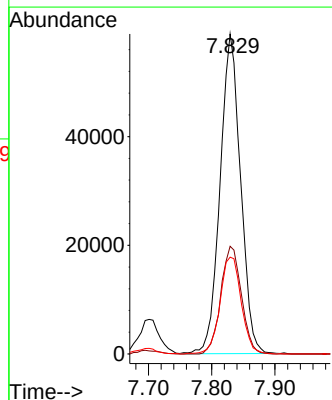
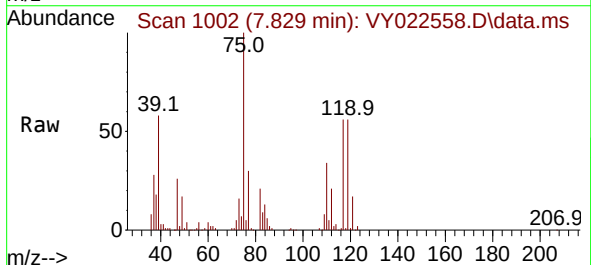
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

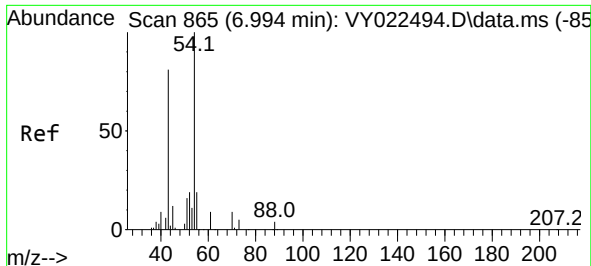
Tgt Ion:113 Resp: 88214
Ion Ratio Lower Upper
113 100
111 104.3 81.1 121.7
192 17.8 14.2 21.2



#36
1,1-Dichloropropene
Concen: 48.764 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 75 Resp: 131957
Ion Ratio Lower Upper
75 100
110 33.9 16.9 50.7
77 31.5 24.8 37.2

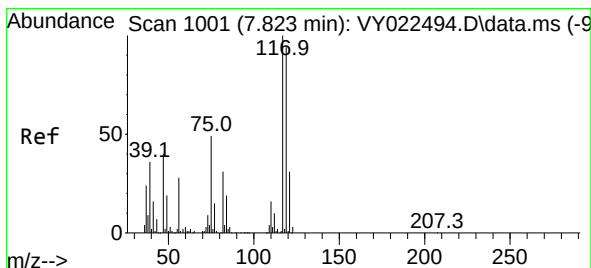
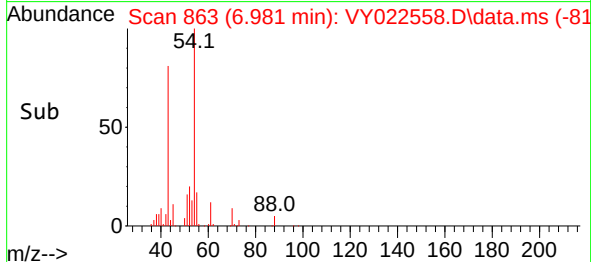
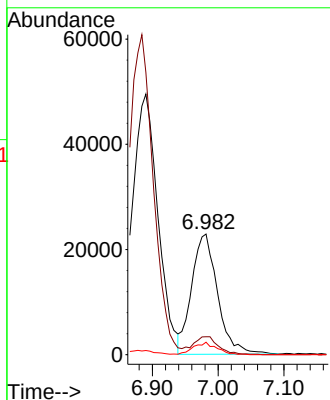
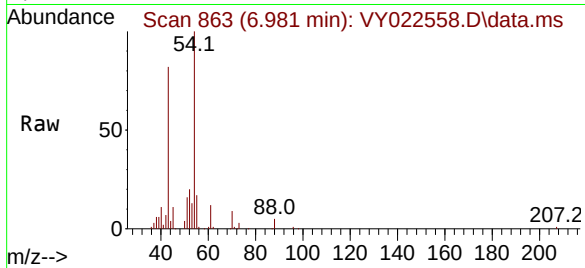




#37
Ethyl Acetate
Concen: 51.918 ug/l
RT: 6.981 min Scan# 80
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

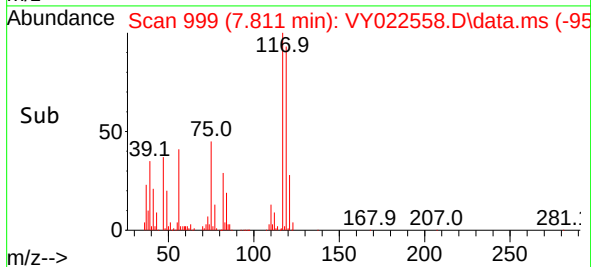
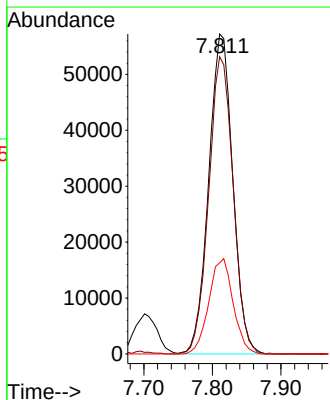
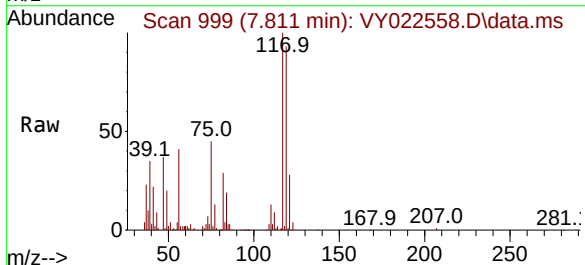
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

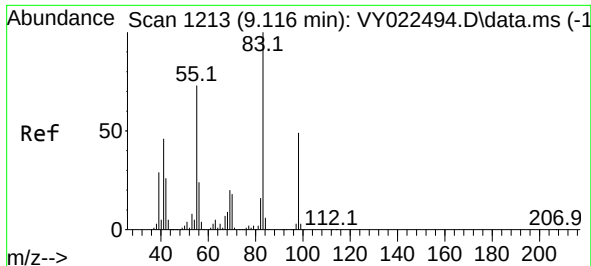
Tgt Ion: 43 Resp: 62653
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 9.4 7.2 10.8



#38
Carbon Tetrachloride
Concen: 50.308 ug/l
RT: 7.811 min Scan# 999
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 117 Resp: 139655
Ion Ratio Lower Upper
117 100
119 92.9 75.0 112.6
121 28.5 25.0 37.4





#39

Methylcyclohexane

Concen: 46.538 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.013 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

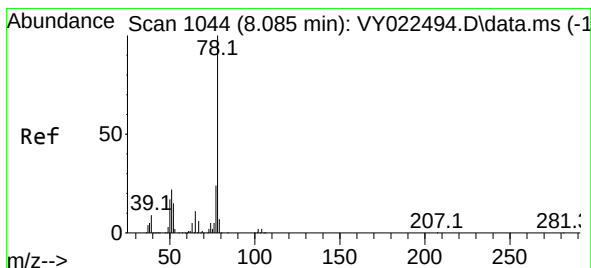
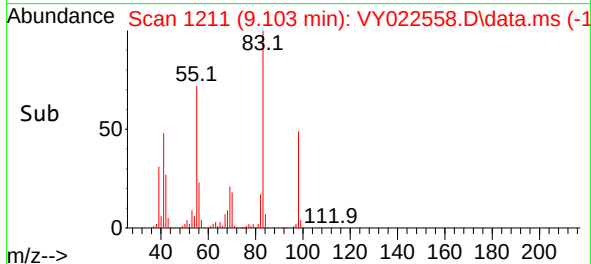
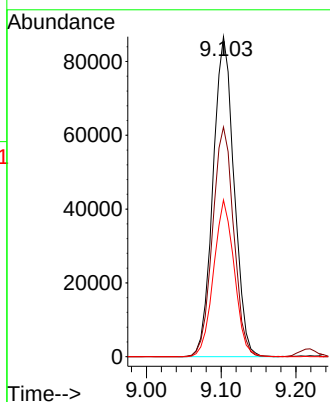
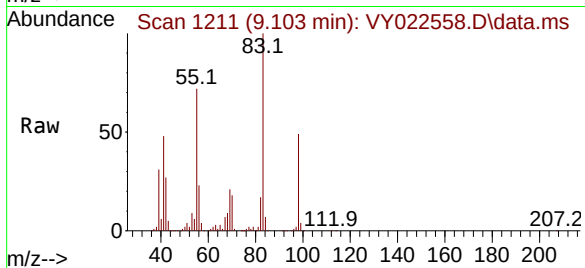
Tgt Ion: 83 Resp: 169236

Ion Ratio Lower Upper

83 100

55 71.8 58.1 87.1

98 48.9 39.0 58.6



#40

Benzene

Concen: 51.988 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.013 min

Lab File: VY022558.D

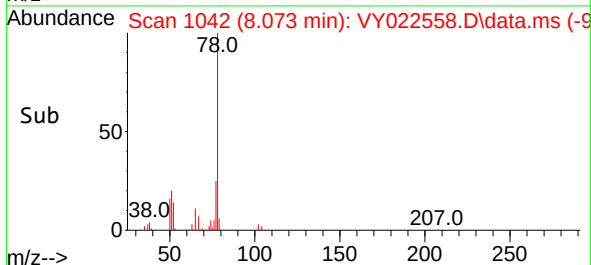
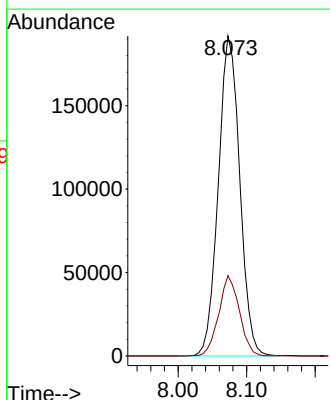
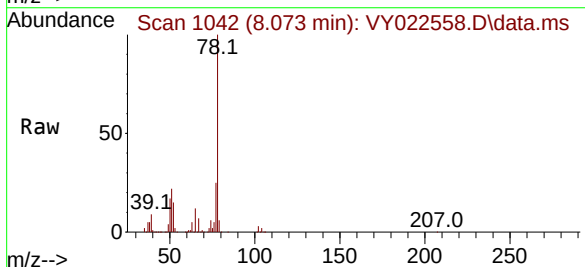
Acq: 04 Jun 2025 18:30

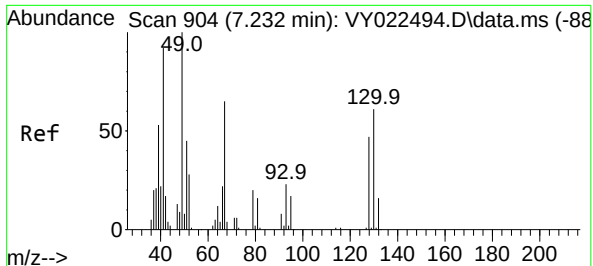
Tgt Ion: 78 Resp: 415520

Ion Ratio Lower Upper

78 100

77 25.1 19.3 28.9



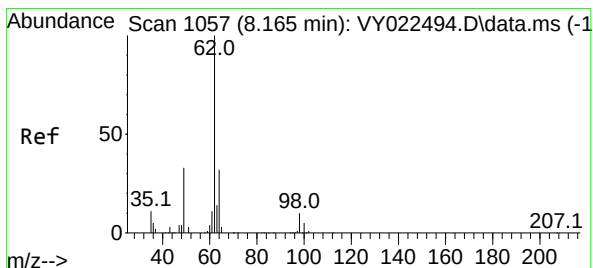
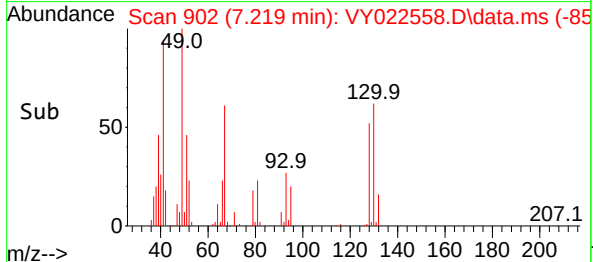
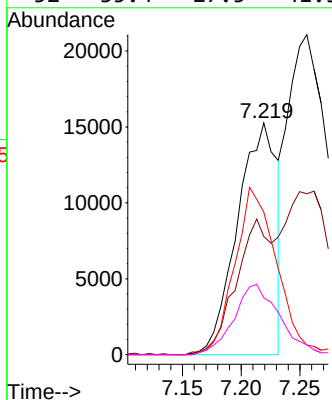
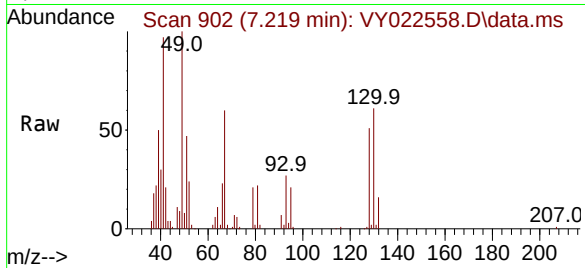


#41
Methacrylonitrile
Concen: 50.861 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 35851

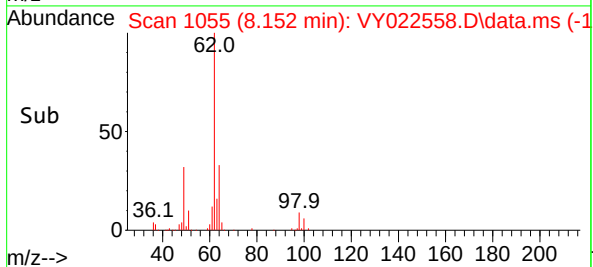
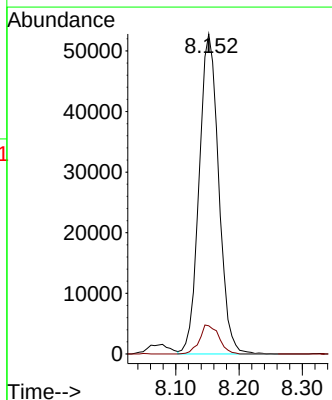
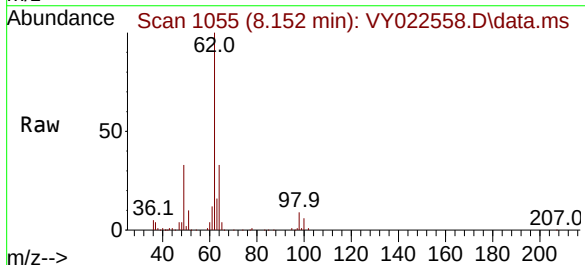
Ion	Ratio	Lower	Upper
41	100		
39	50.6	46.6	69.8
67	76.7	63.3	94.9
52	35.4	27.5	41.3

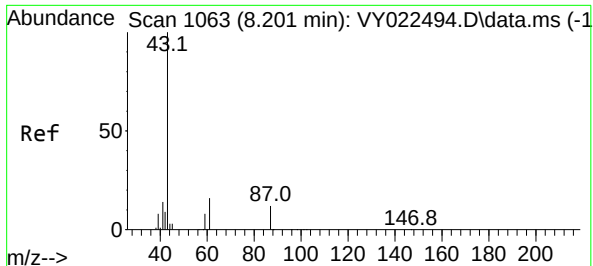


#42
1,2-Dichloroethane
Concen: 52.122 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 62 Resp: 113747

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.2

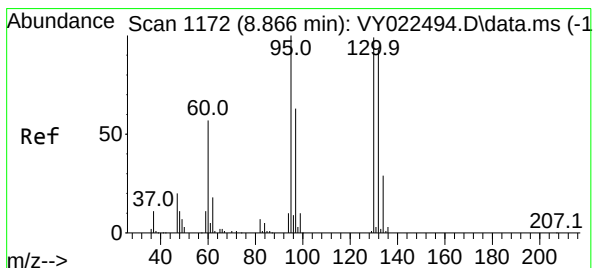
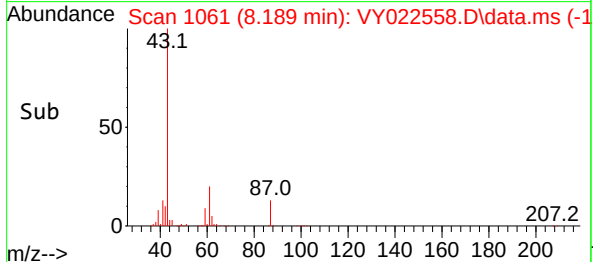
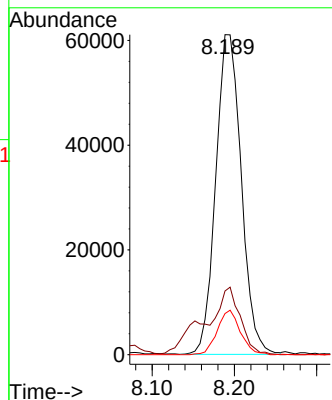
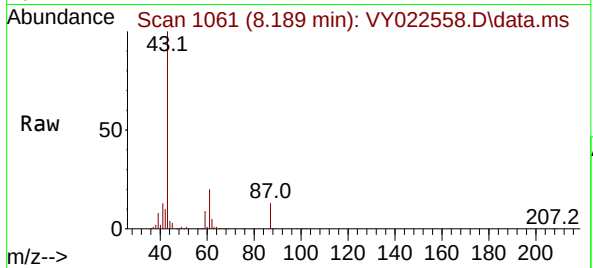




#43
Isopropyl Acetate
Concen: 50.584 ug/l
RT: 8.189 min Scan# 1106
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

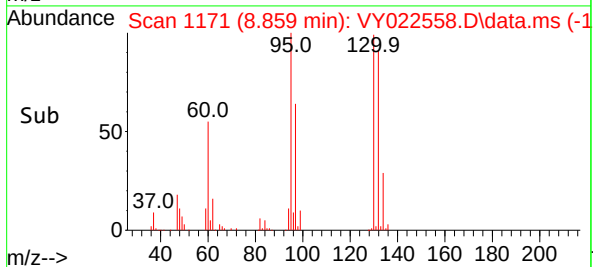
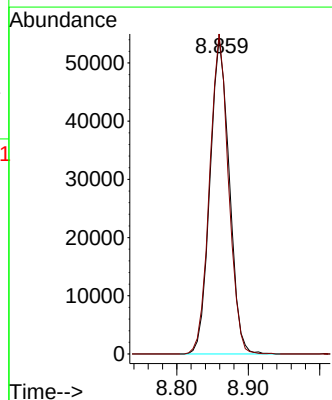
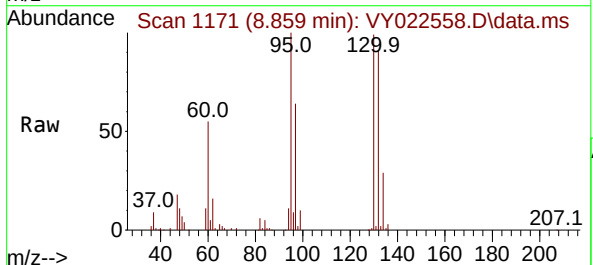
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

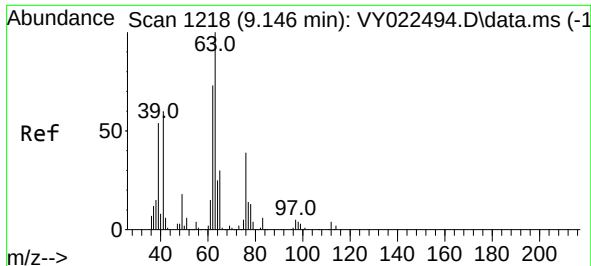
Tgt Ion: 43 Resp: 131836
Ion Ratio Lower Upper
43 100
61 18.5 15.6 23.4
87 12.6 10.2 15.4



#44
Trichloroethene
Concen: 51.965 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion:130 Resp: 101510
Ion Ratio Lower Upper
130 100
95 101.5 0.0 203.0





#45

1,2-Dichloropropane

Concen: 52.138 ug/l

RT: 9.134 min Scan# 1216

Delta R.T. -0.013 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Instrument :

MSVOA_Y

ClientSampleId :

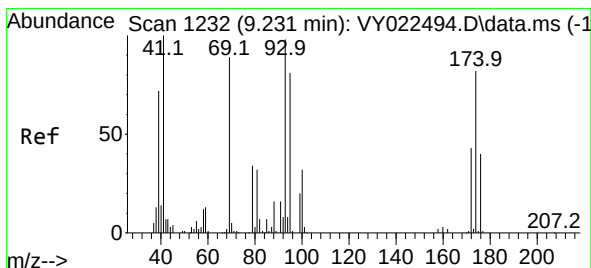
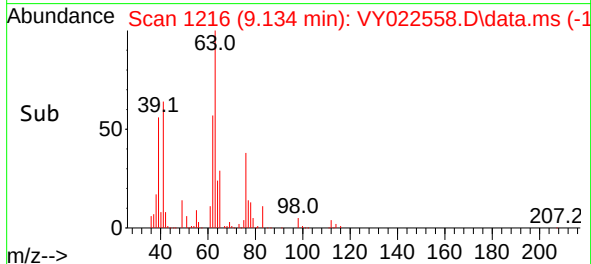
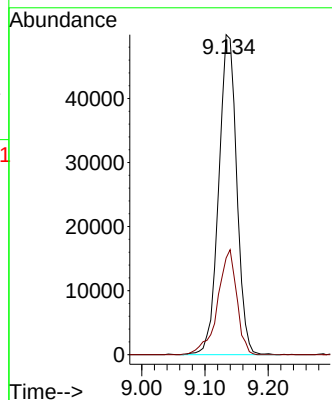
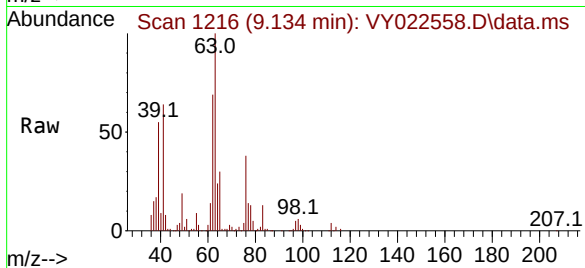
VSTDCCC050EC

Tgt Ion: 63 Resp: 98484

Ion Ratio Lower Upper

63 100

65 30.2 24.0 36.0



#46

Dibromomethane

Concen: 52.435 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

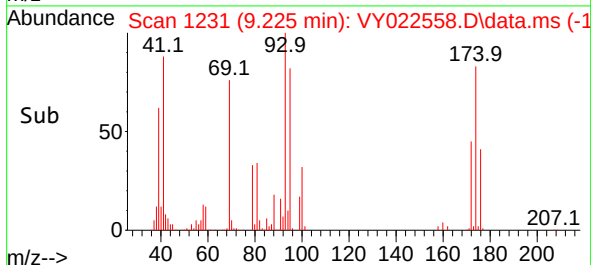
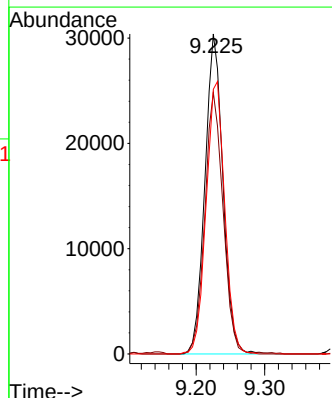
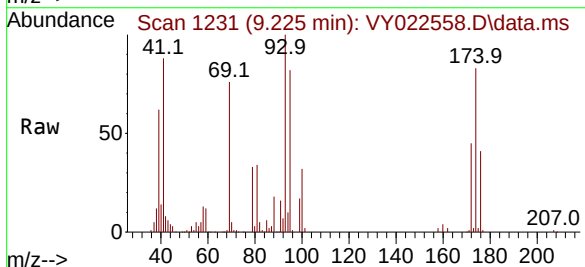
Tgt Ion: 93 Resp: 55722

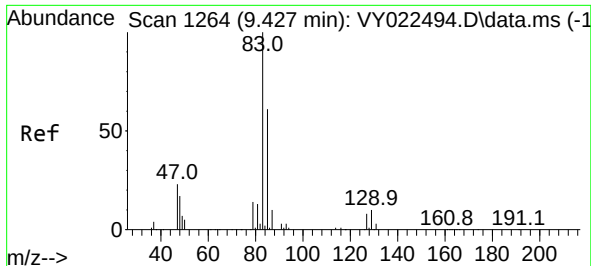
Ion Ratio Lower Upper

93 100

95 82.5 65.6 98.4

174 87.6 70.4 105.6

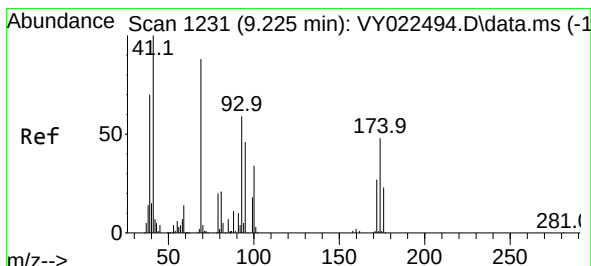
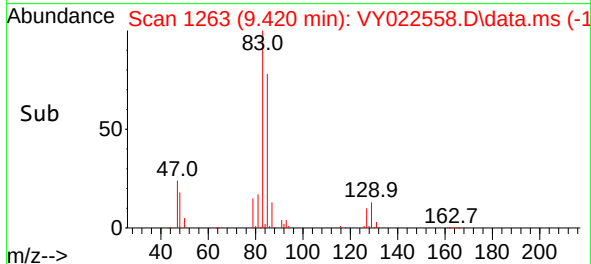
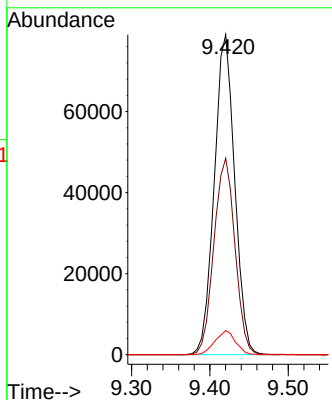
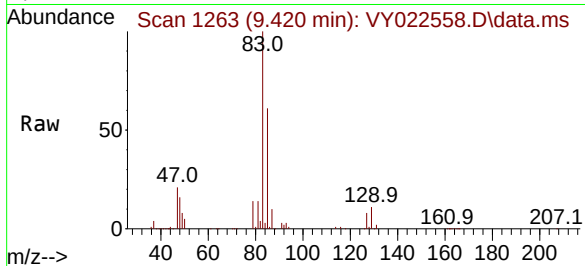




#47
Bromodichloromethane
Concen: 53.104 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

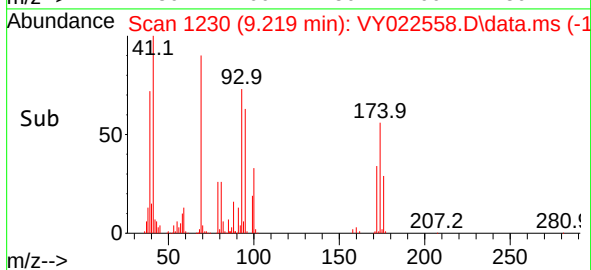
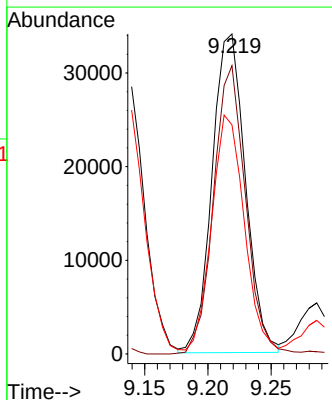
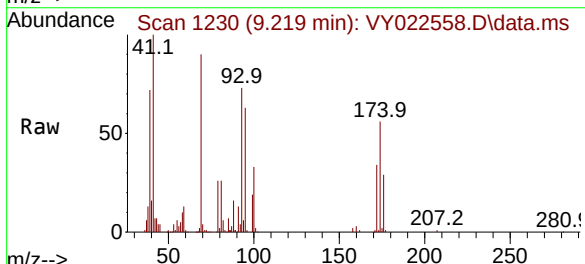
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

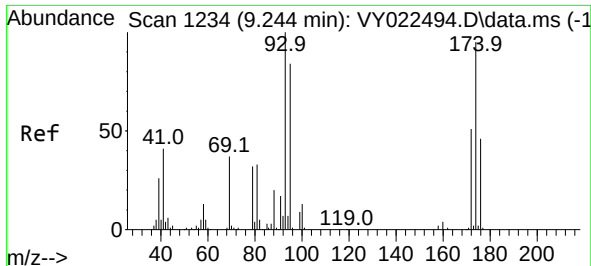
Tgt Ion: 83 Resp: 143092
Ion Ratio Lower Upper
83 100
85 61.4 49.1 73.7
127 7.6 6.2 9.4



#48
Methyl methacrylate
Concen: 51.031 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 41 Resp: 62422
Ion Ratio Lower Upper
41 100
69 86.5 67.8 101.8
39 71.5 55.0 82.4

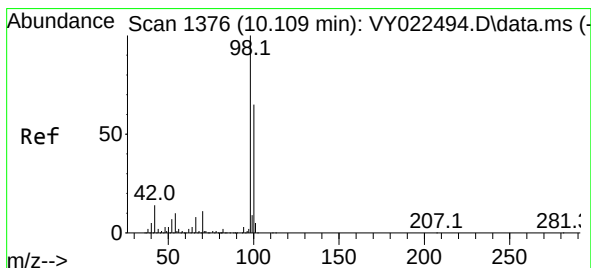
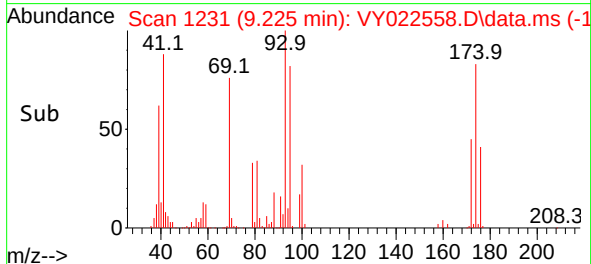
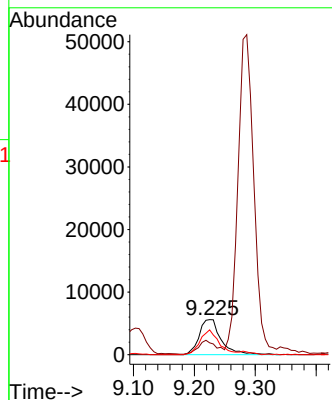
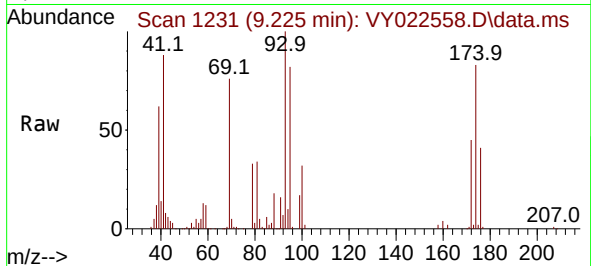




#49
1,4-Dioxane
Concen: 1119.098 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

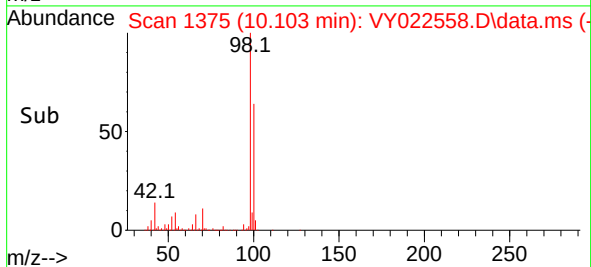
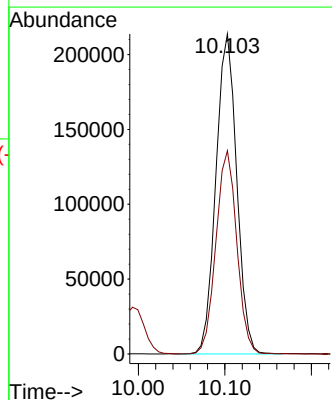
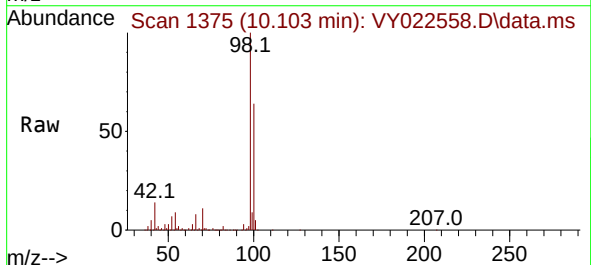
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

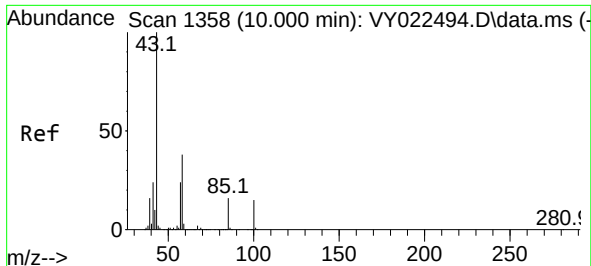
Tgt Ion: 88 Resp: 14089
Ion Ratio Lower Upper
88 100
43 32.9 25.4 38.2
58 60.1 54.9 82.3



#50
Toluene-d8
Concen: 52.942 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 98 Resp: 356674
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0

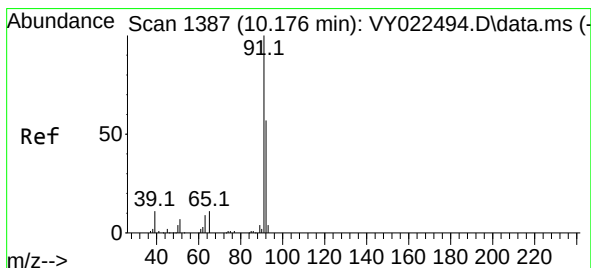
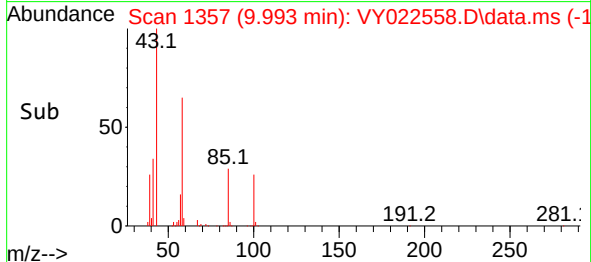
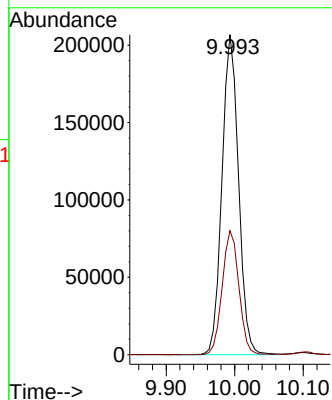
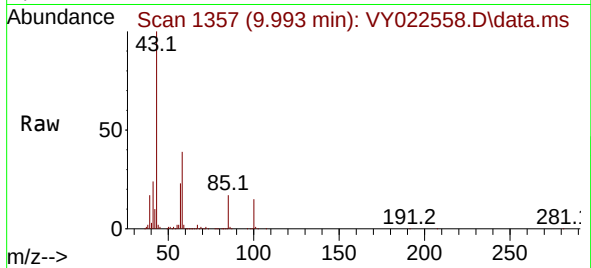




#51
4-Methyl-2-Pentanone
Concen: 266.064 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

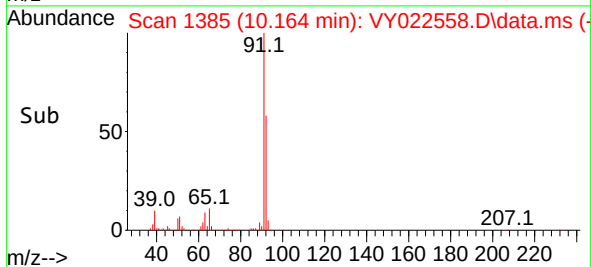
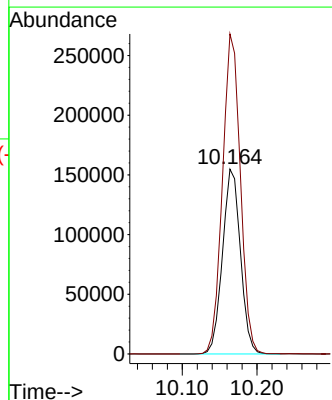
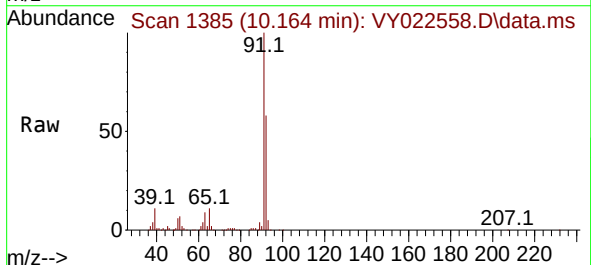
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

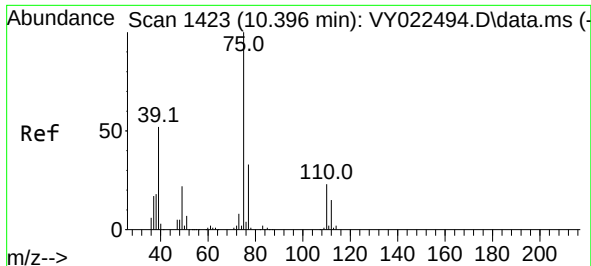
Tgt Ion: 43 Resp: 345728
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6



#52
Toluene
Concen: 51.463 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 92 Resp: 258488
Ion Ratio Lower Upper
92 100
91 173.0 139.0 208.4

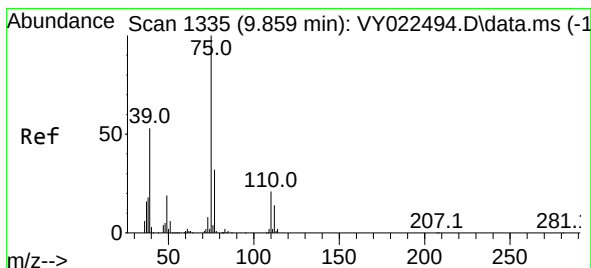
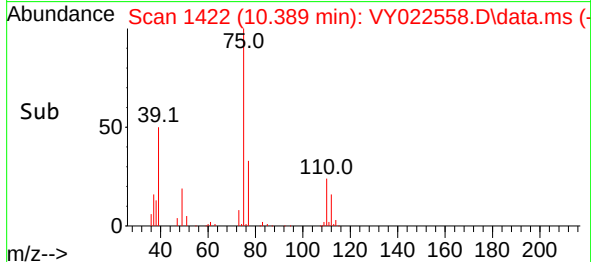
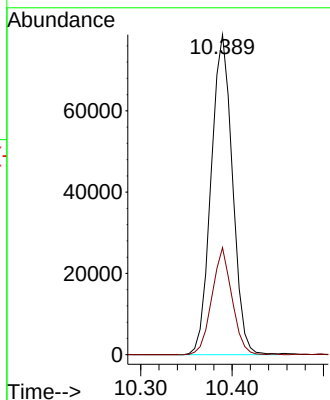
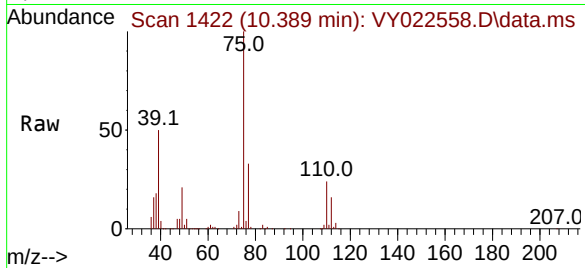




#53
t-1,3-Dichloropropene
Concen: 50.543 ug/l
RT: 10.389 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

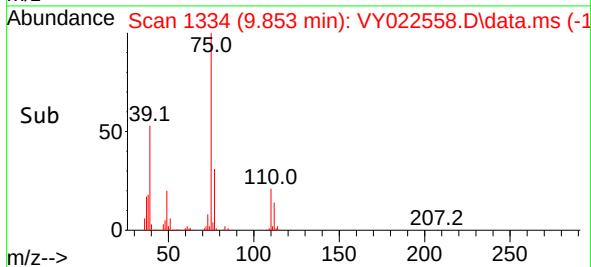
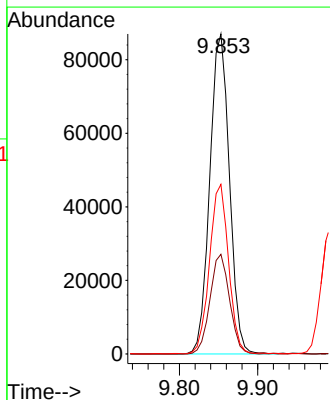
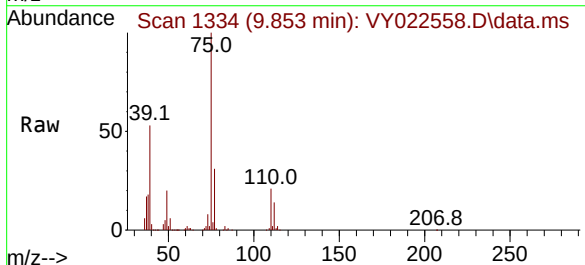
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

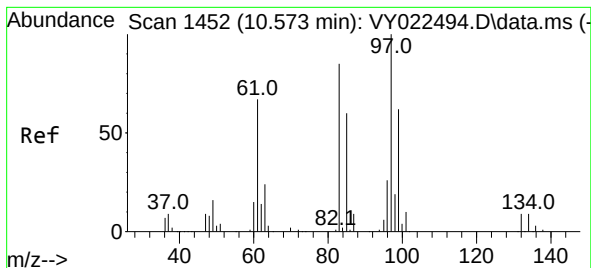
Tgt Ion: 75 Resp: 127607
Ion Ratio Lower Upper
75 100
77 33.5 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 51.492 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 75 Resp: 151332
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 52.9 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 52.969 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 71776

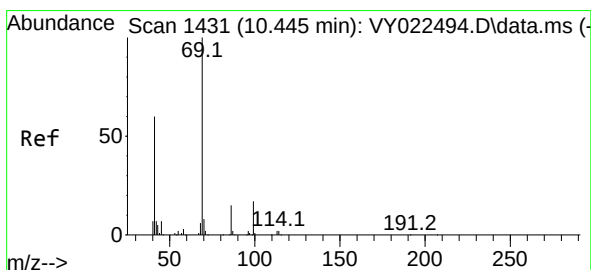
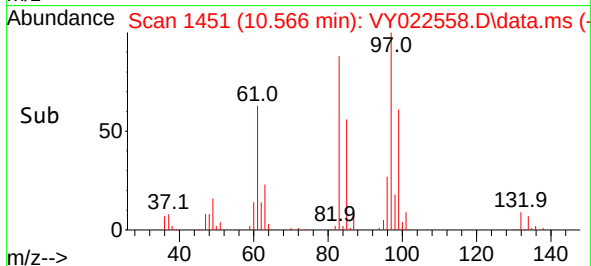
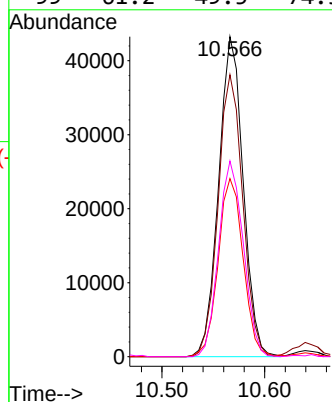
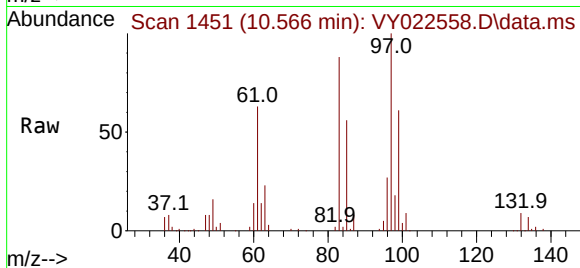
Ion Ratio Lower Upper

97 100

83 88.1 68.1 102.1

85 55.7 48.2 72.2

99 61.2 49.5 74.3



#56

Ethyl methacrylate

Concen: 52.590 ug/l

RT: 10.432 min Scan# 1429

Delta R.T. -0.013 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

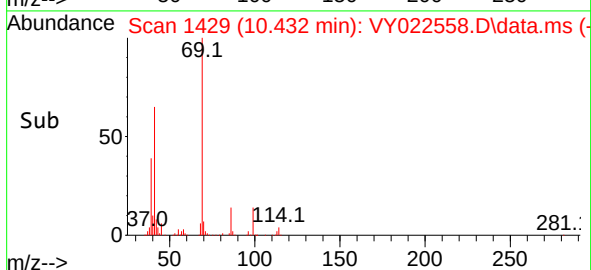
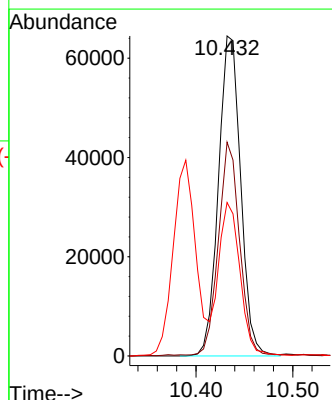
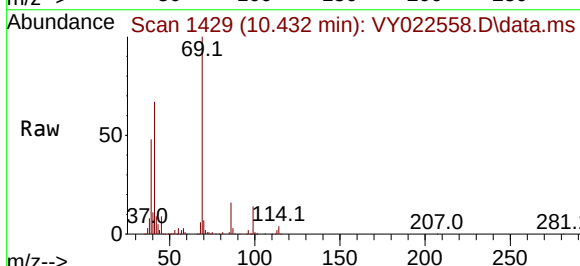
Tgt Ion: 69 Resp: 102997

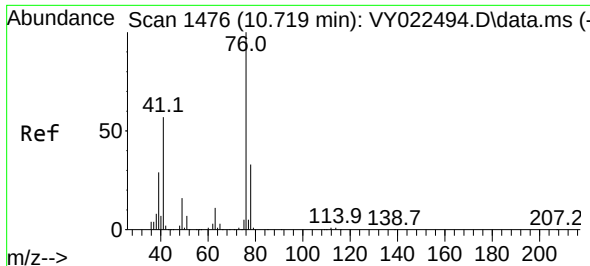
Ion Ratio Lower Upper

69 100

41 62.9 52.2 78.2

39 45.5 36.7 55.1





#57

1,3-Dichloropropane

Concen: 52.536 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Instrument :

MSVOA_Y

ClientSampleId :

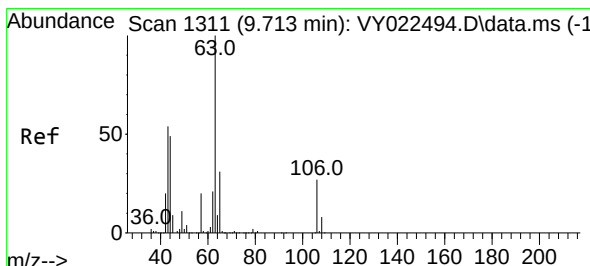
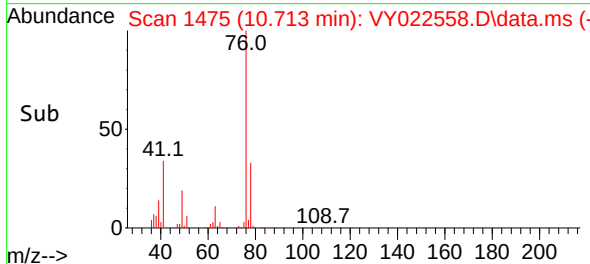
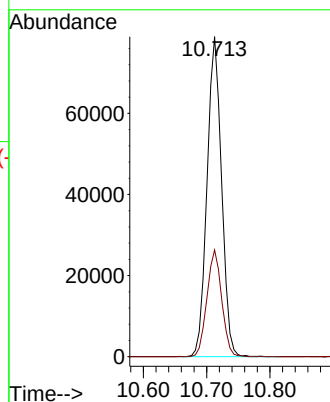
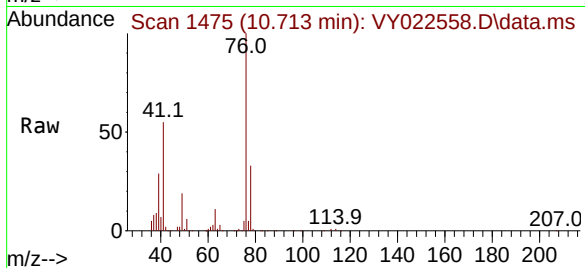
VSTDCCC050EC

Tgt Ion: 76 Resp: 126176

Ion Ratio Lower Upper

76 100

78 33.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 289.897 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022558.D

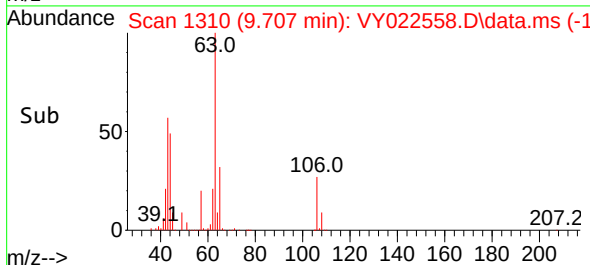
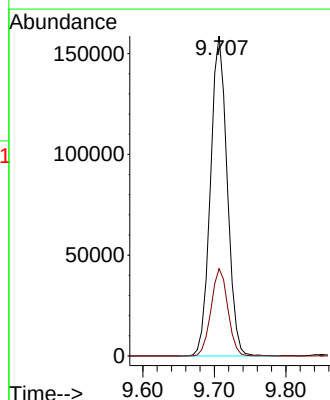
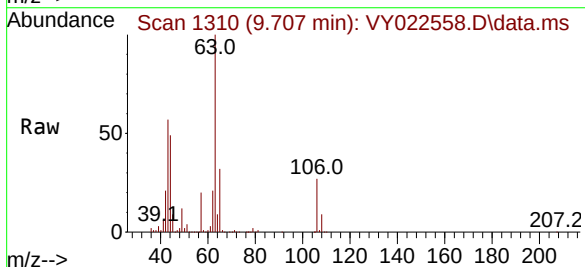
Acq: 04 Jun 2025 18:30

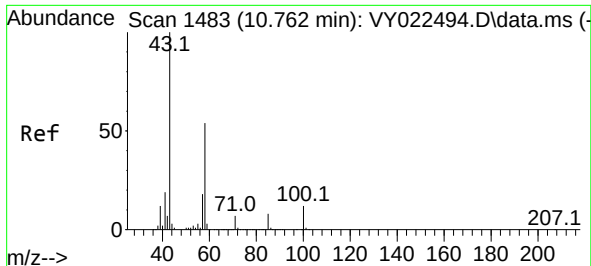
Tgt Ion: 63 Resp: 257776

Ion Ratio Lower Upper

63 100

106 27.3 21.6 32.4

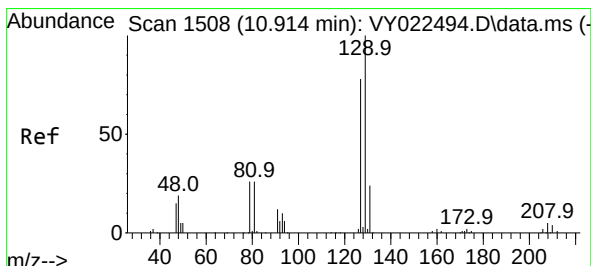
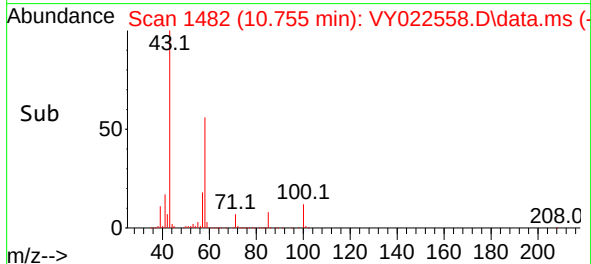
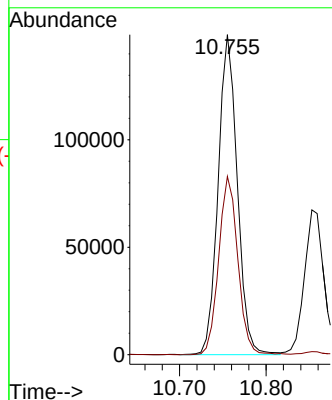
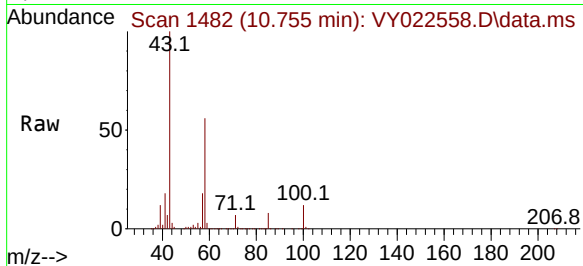




#59
2-Hexanone
Concen: 262.961 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

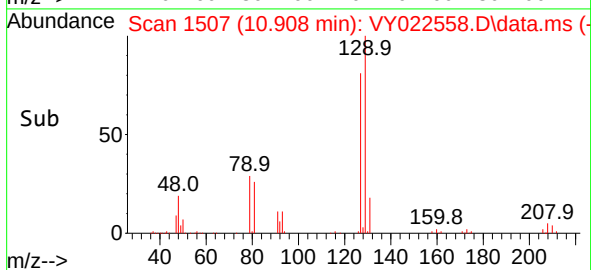
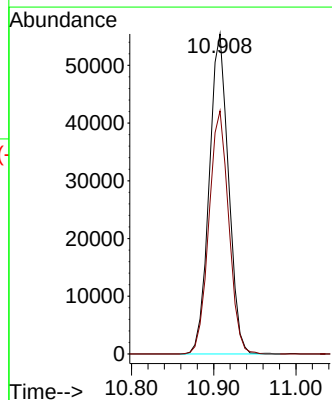
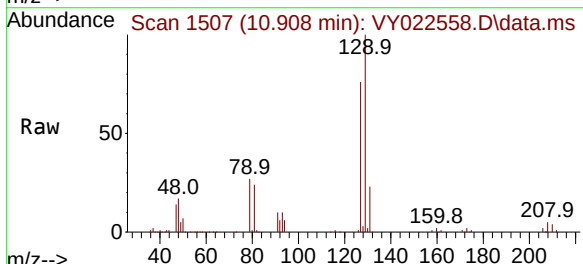
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

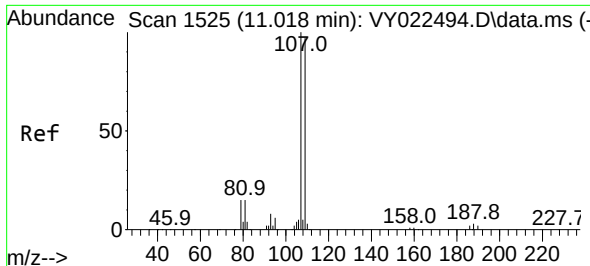
Tgt Ion: 43 Resp: 228523
Ion Ratio Lower Upper
43 100
58 55.7 27.3 81.8



#60
Dibromochloromethane
Concen: 52.450 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion:129 Resp: 90321
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2

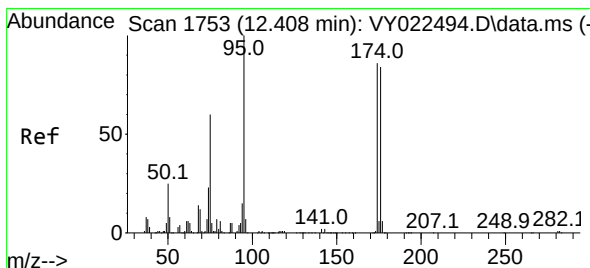
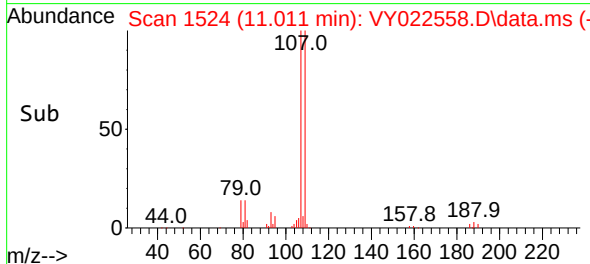
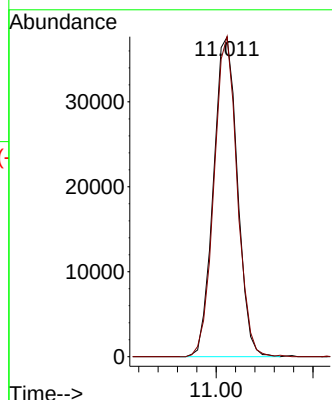
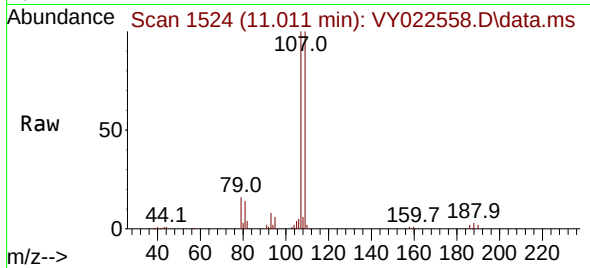




#61
1,2-Dibromoethane
Concen: 52.367 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

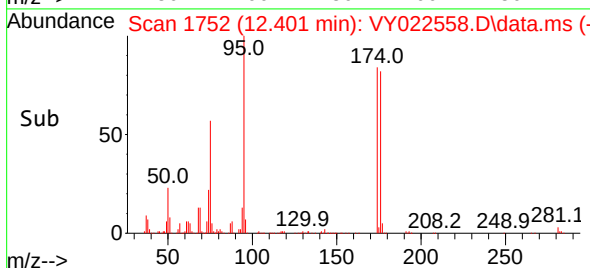
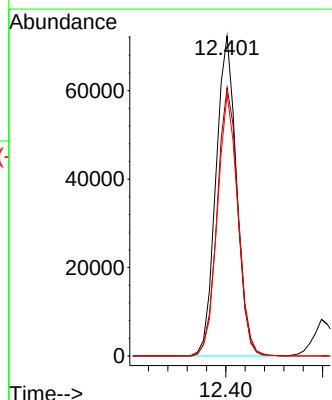
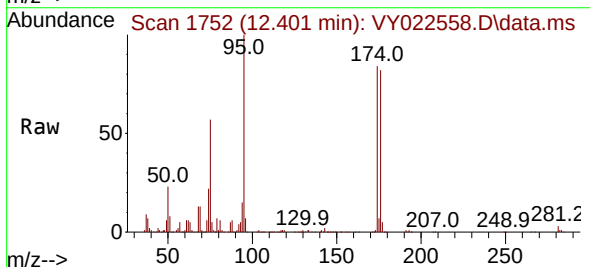
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

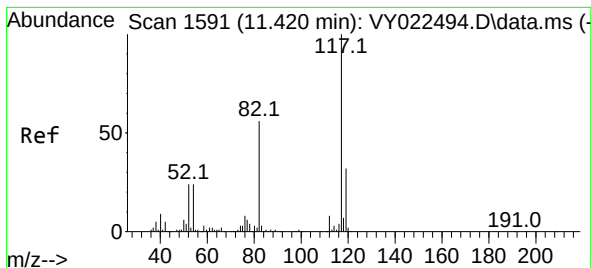
Tgt Ion:107 Resp: 64676
Ion Ratio Lower Upper
107 100
109 97.2 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 53.144 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 95 Resp: 106676
Ion Ratio Lower Upper
95 100
174 85.3 0.0 170.0
176 81.0 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: VY022558.D

Acq: 04 Jun 2025 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

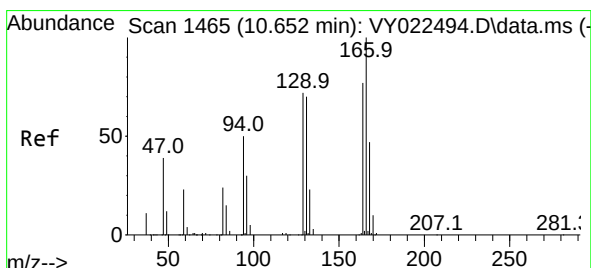
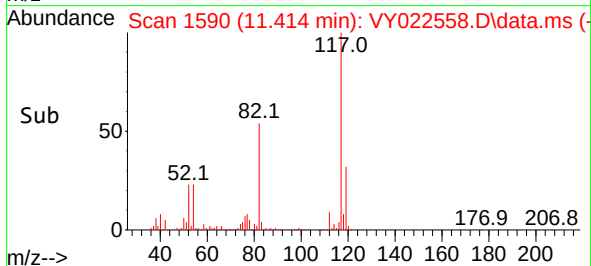
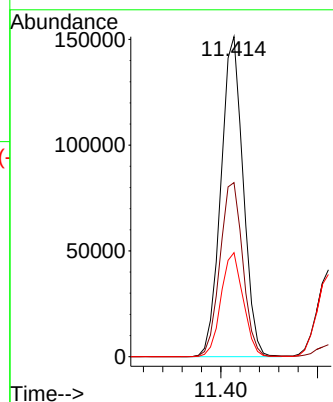
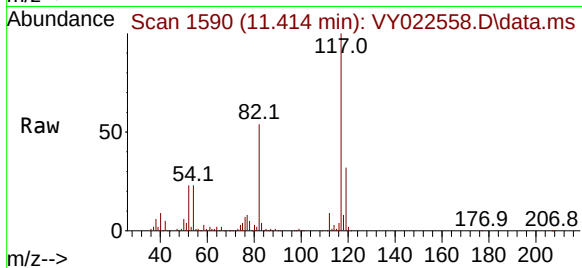
Tgt Ion:117 Resp: 241183

Ion Ratio Lower Upper

117 100

82 54.4 44.6 66.8

119 32.5 25.4 38.0



#64

Tetrachloroethene

Concen: 54.095 ug/l

RT: 10.639 min Scan# 1463

Delta R.T. -0.013 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Tgt Ion:164 Resp: 112231

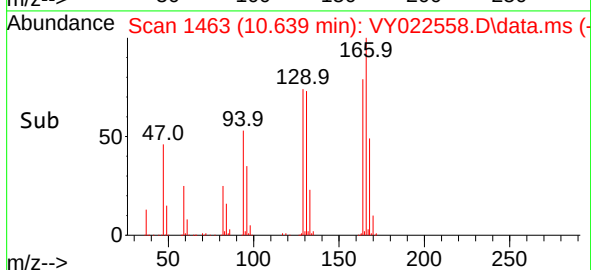
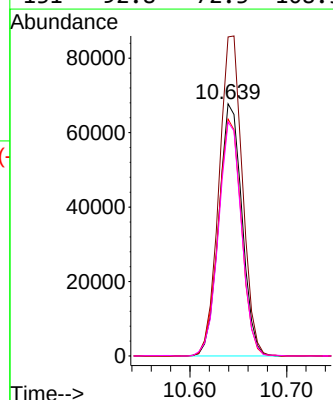
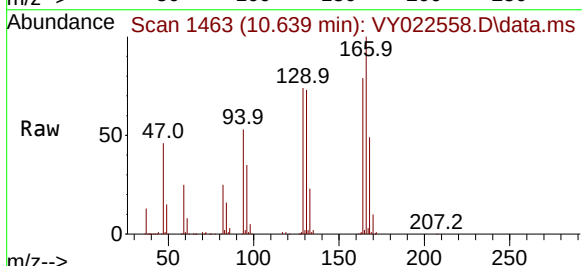
Ion Ratio Lower Upper

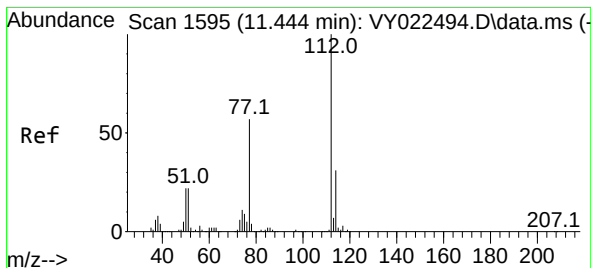
164 100

166 126.5 104.0 156.0

129 94.0 74.5 111.7

131 92.8 72.3 108.5





#65

Chlorobenzene

Concen: 51.309 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Instrument :

MSVOA_Y

ClientSampleId :

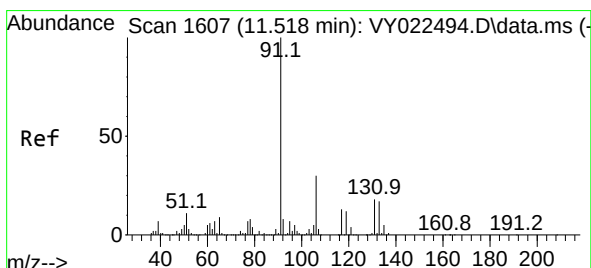
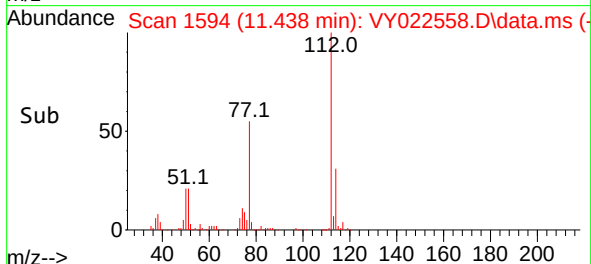
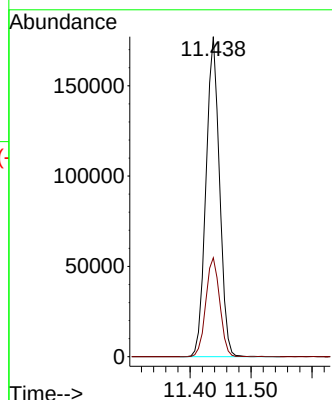
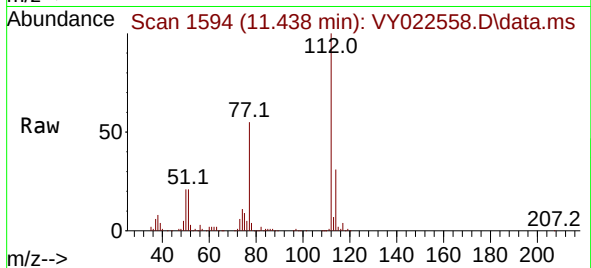
VSTDCCC050EC

Tgt Ion:112 Resp: 273840

Ion Ratio Lower Upper

112 100

114 30.9 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.716 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

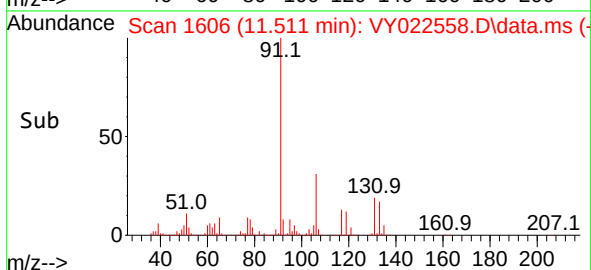
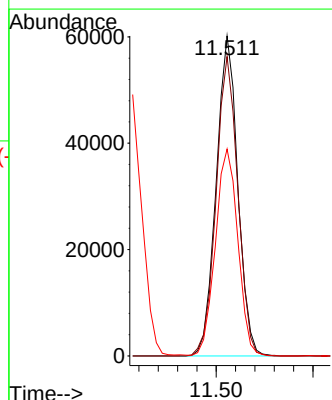
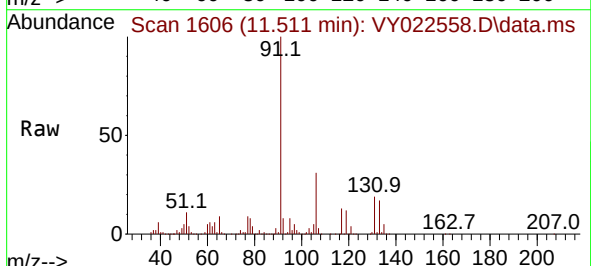
Tgt Ion:131 Resp: 92982

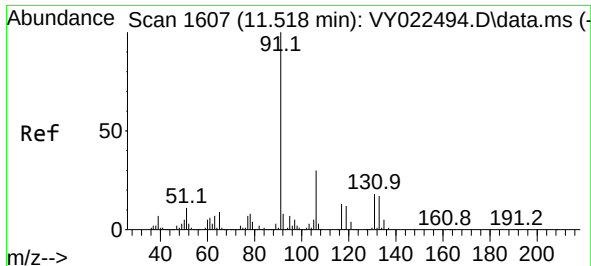
Ion Ratio Lower Upper

131 100

133 94.1 47.3 141.8

119 67.4 33.1 99.3

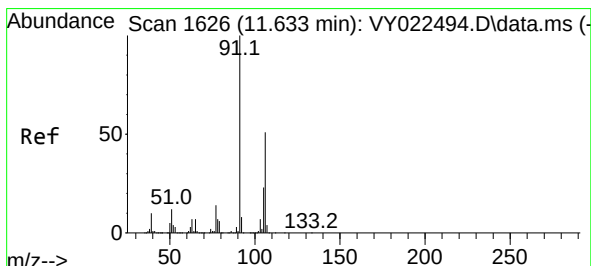
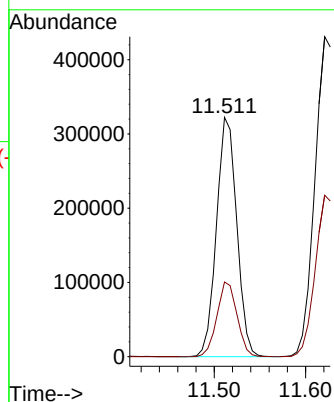
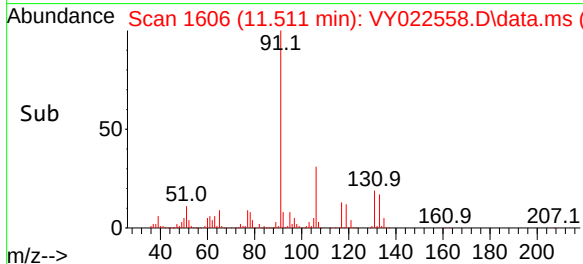
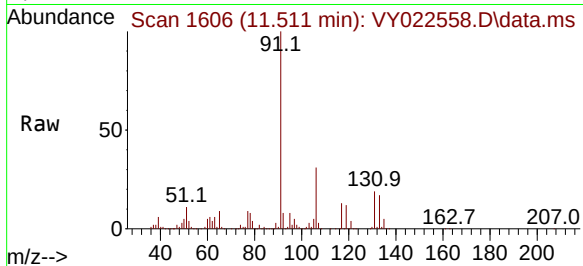




#67
Ethyl Benzene
Concen: 50.273 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

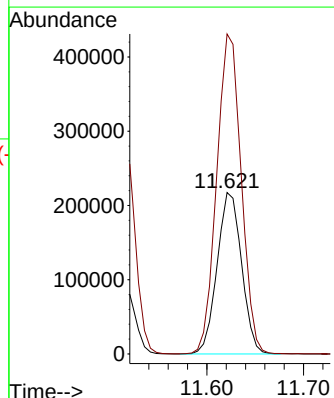
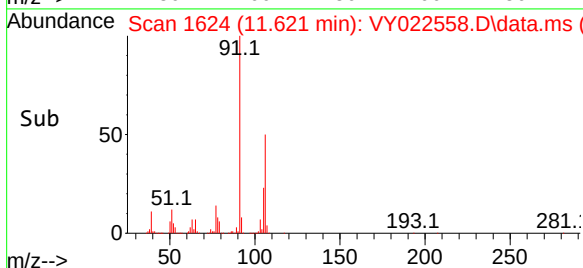
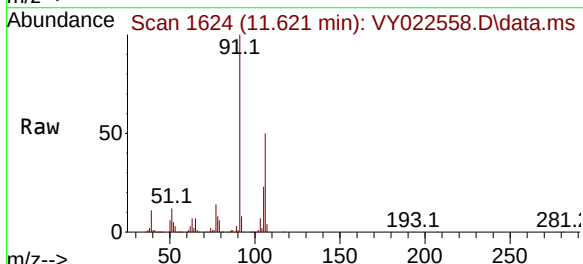
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

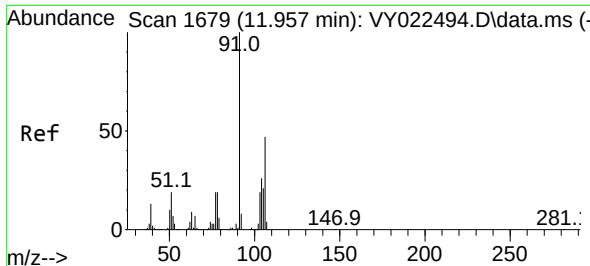
Tgt Ion: 91 Resp: 497662
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.4



#68
m/p-Xylenes
Concen: 101.785 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.013 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion:106 Resp: 381964
Ion Ratio Lower Upper
106 100
91 198.3 159.4 239.0

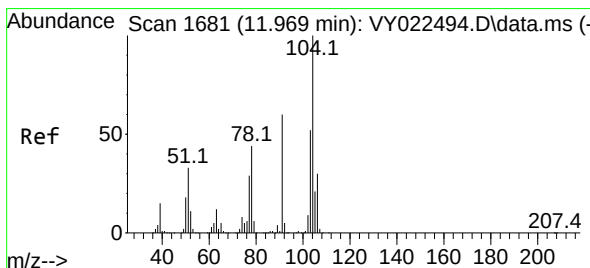
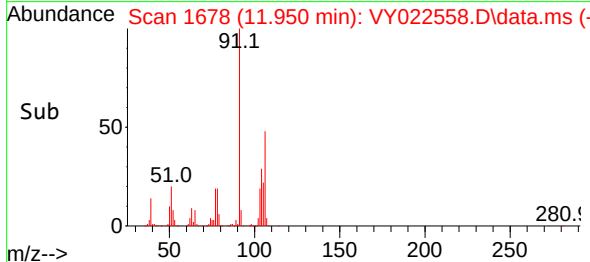
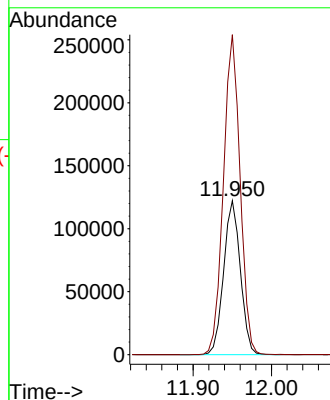
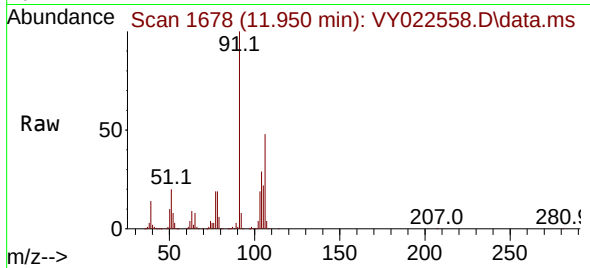




#69
o-Xylene
Concen: 51.579 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

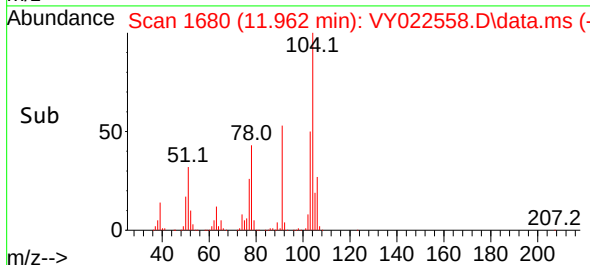
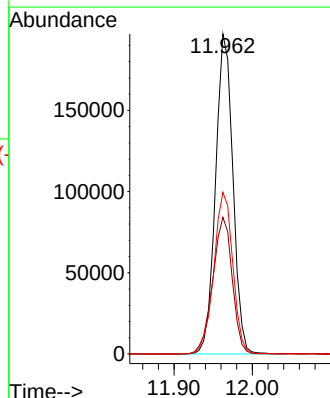
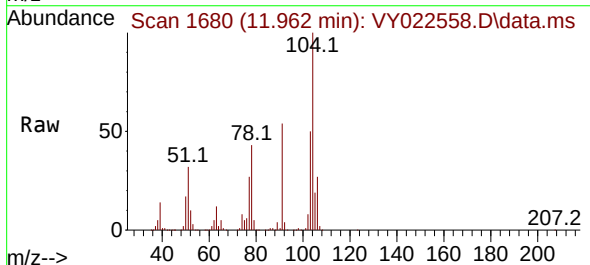
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

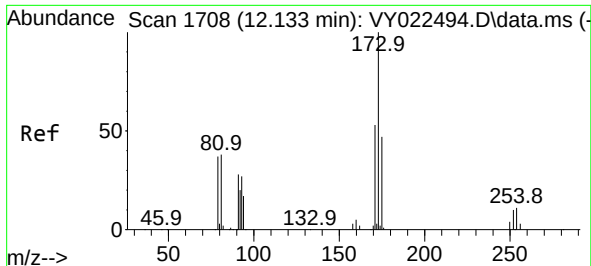
Tgt Ion:106 Resp: 181475
Ion Ratio Lower Upper
106 100
91 207.8 105.8 317.3



#70
Styrene
Concen: 52.202 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion:104 Resp: 303598
Ion Ratio Lower Upper
104 100
78 48.0 39.5 59.3
103 55.3 44.1 66.1

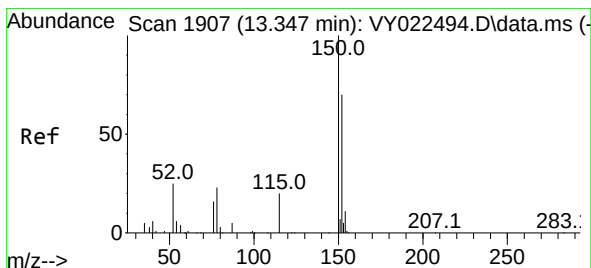
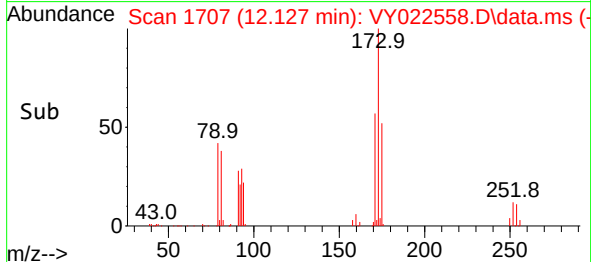
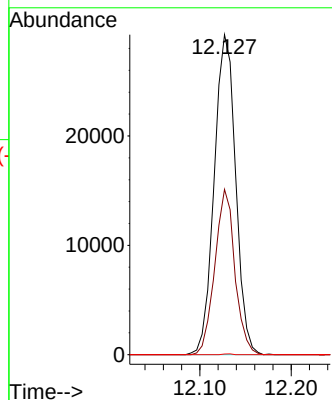
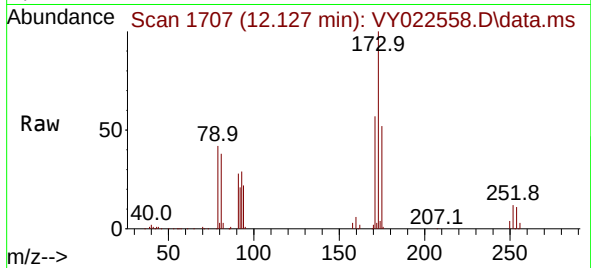




#71
Bromoform
Concen: 49.856 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

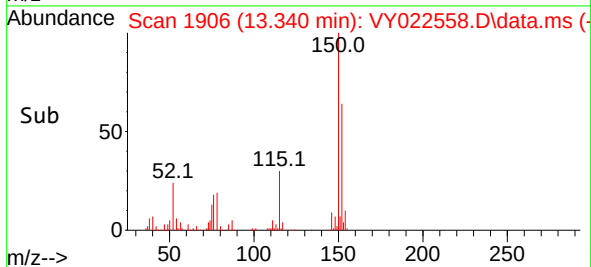
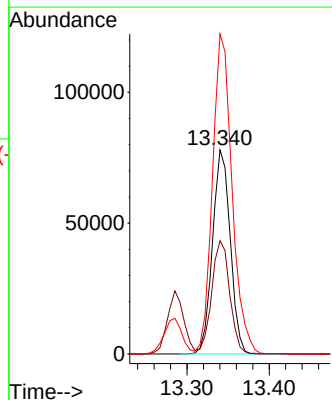
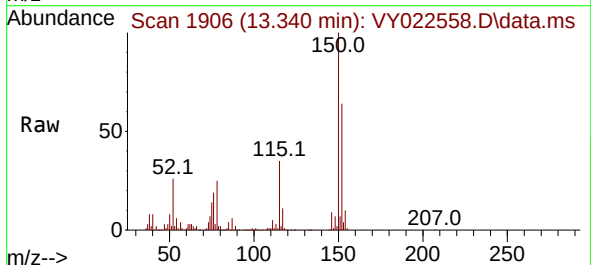
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

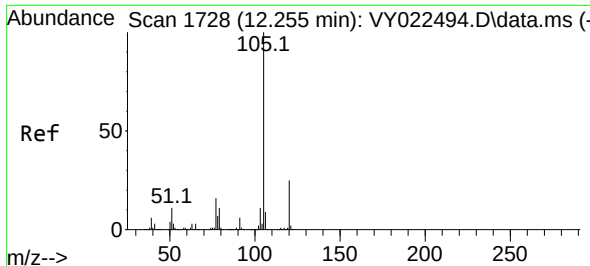
Tgt Ion:173 Resp: 47700
Ion Ratio Lower Upper
173 100
175 48.2 23.8 71.5
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion:152 Resp: 117017
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 172.9 0.0 349.6

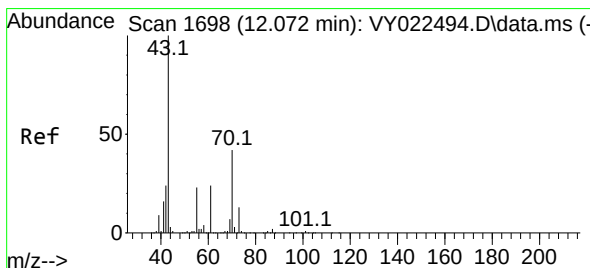
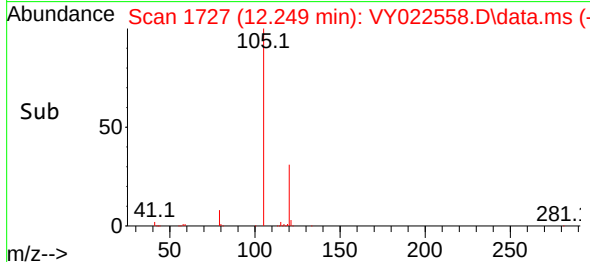
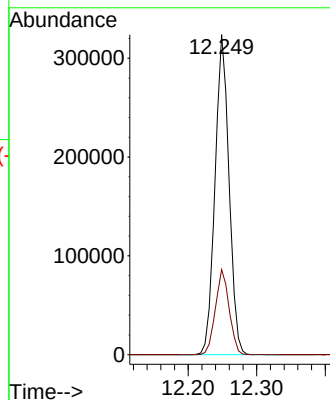
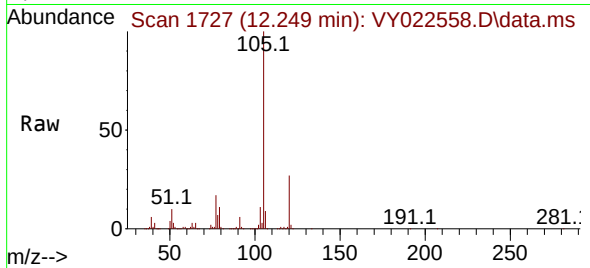




#73
Isopropylbenzene
Concen: 47.906 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

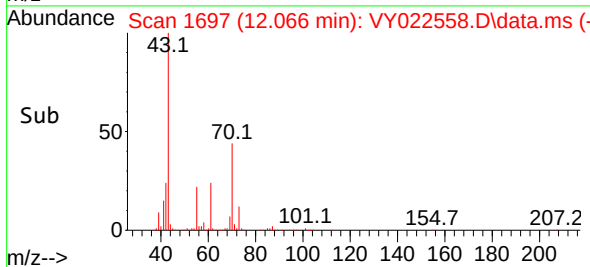
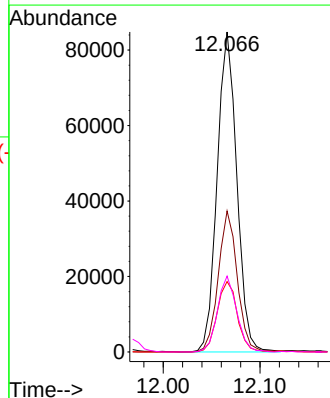
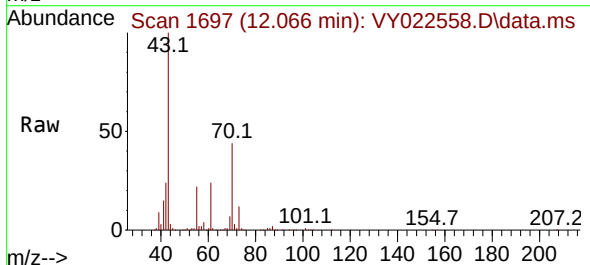
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

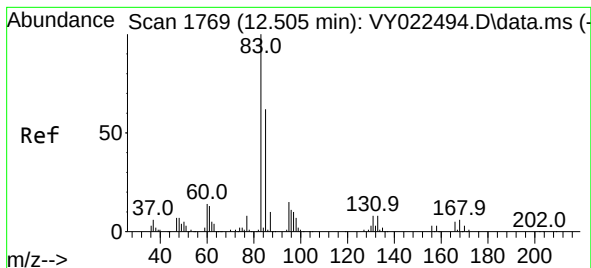
Tgt Ion:105 Resp: 460236
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 49.362 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 43 Resp: 119656
Ion Ratio Lower Upper
43 100
70 43.1 34.2 51.2
55 22.6 18.2 27.4
61 23.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.169 ug/l

RT: 12.499 min Scan# 1768

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

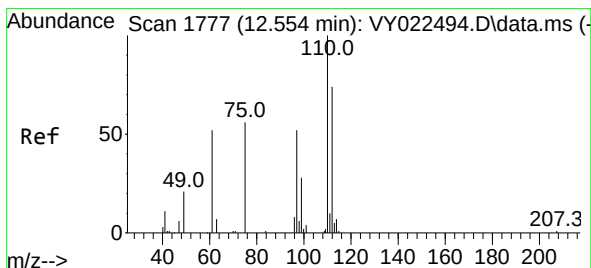
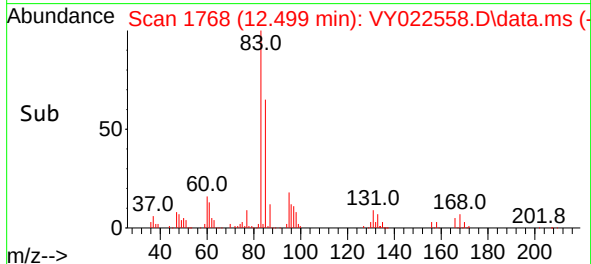
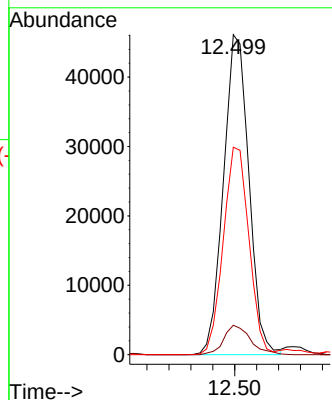
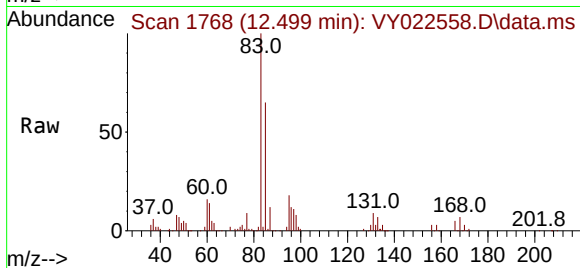
Tgt Ion: 83 Resp: 74374

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

85 65.5 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 80.447 ug/l

RT: 12.548 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VY022558.D

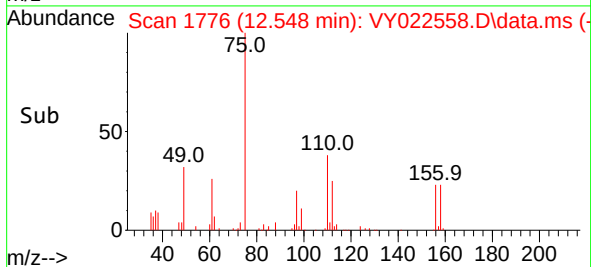
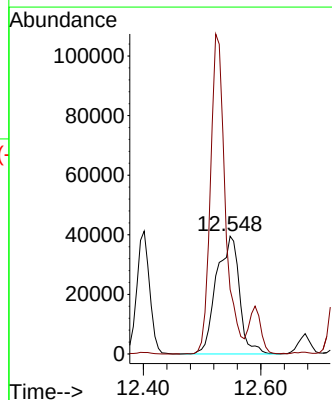
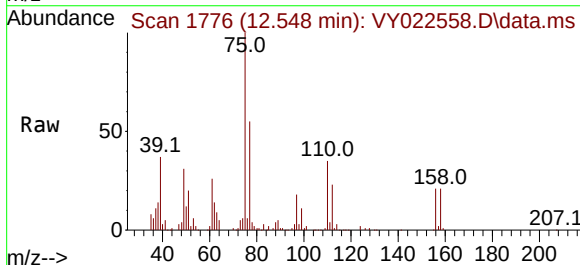
Acq: 04 Jun 2025 18:30

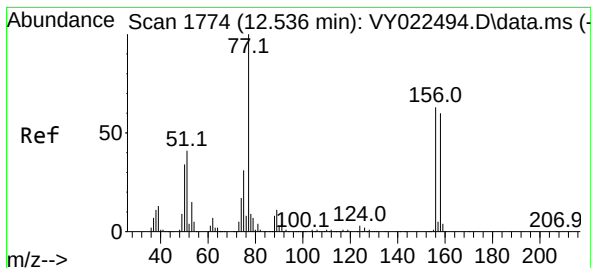
Tgt Ion: 75 Resp: 107696

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.749 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

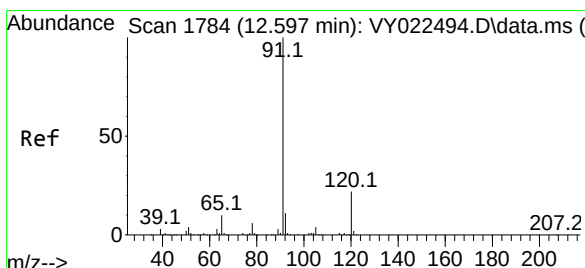
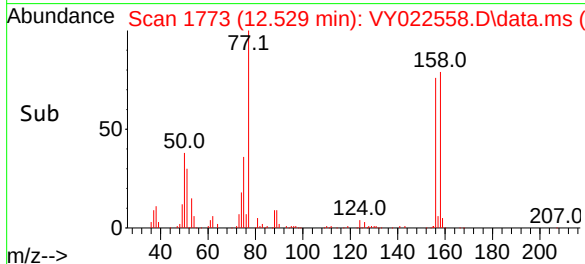
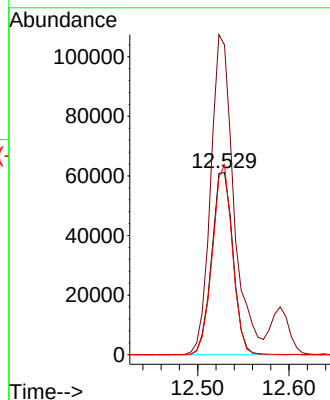
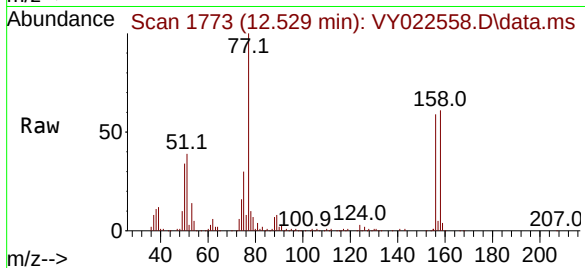
Tgt Ion:156 Resp: 98831

Ion Ratio Lower Upper

156 100

77 191.3 94.0 282.1

158 98.2 48.2 144.6



#78

n-propylbenzene

Concen: 48.370 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022558.D

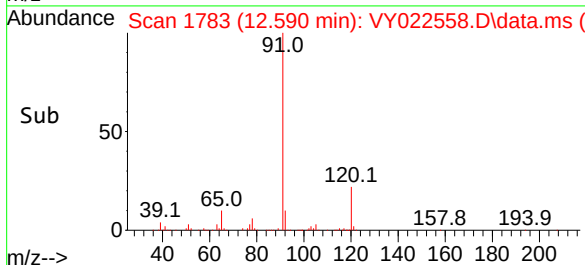
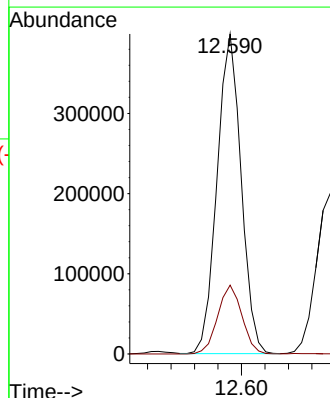
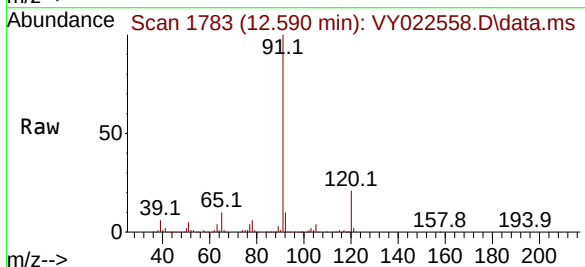
Acq: 04 Jun 2025 18:30

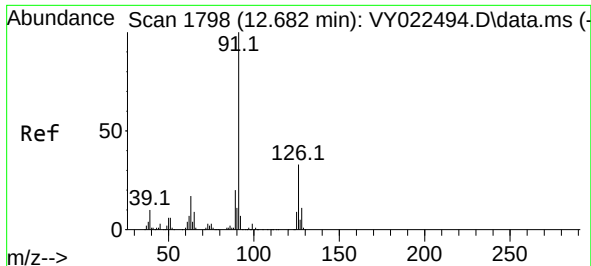
Tgt Ion: 91 Resp: 567578

Ion Ratio Lower Upper

91 100

120 21.6 10.8 32.4

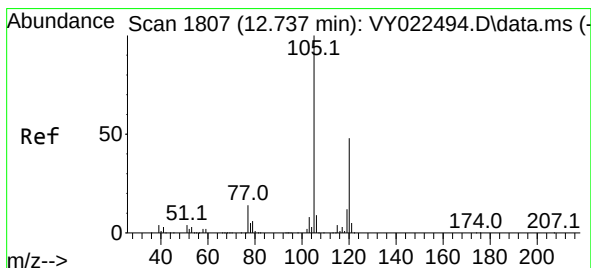
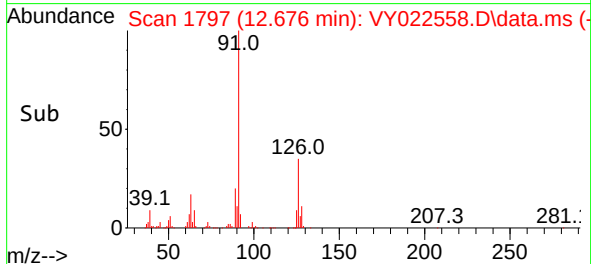
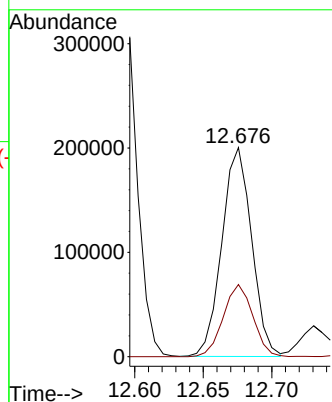
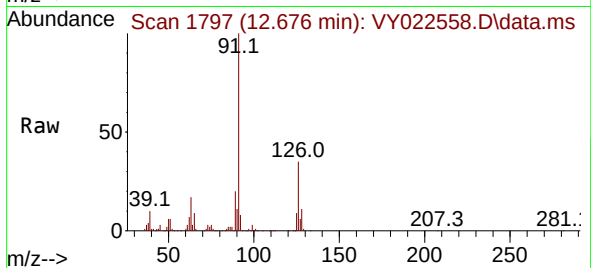




#79
2-Chlorotoluene
Concen: 48.709 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

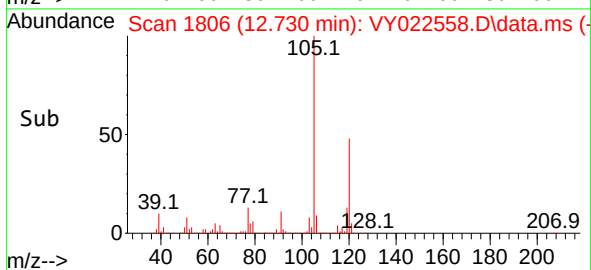
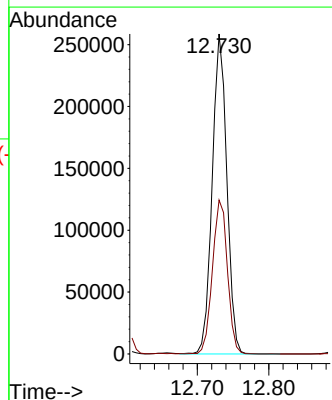
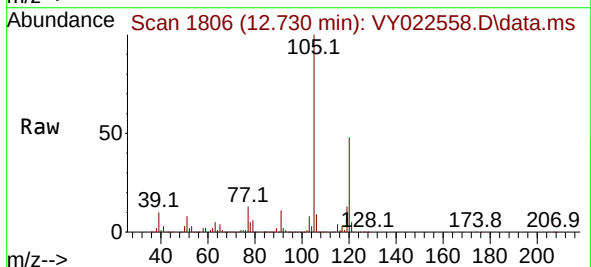
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

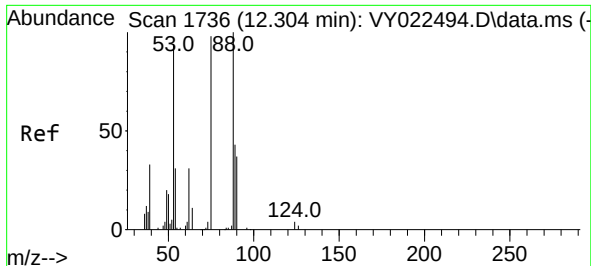
Tgt Ion: 91 Resp: 302924
Ion Ratio Lower Upper
91 100
126 34.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 48.578 ug/l
RT: 12.730 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 105 Resp: 366396
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.4

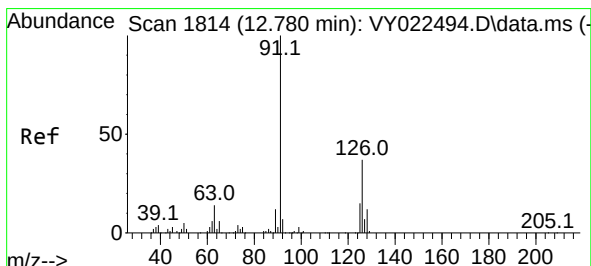
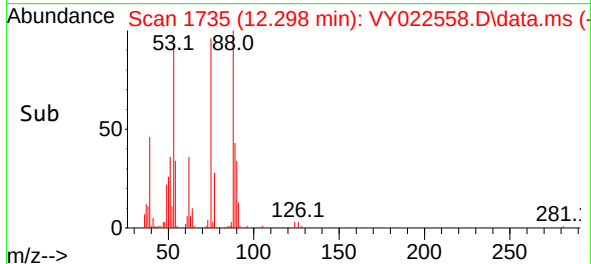
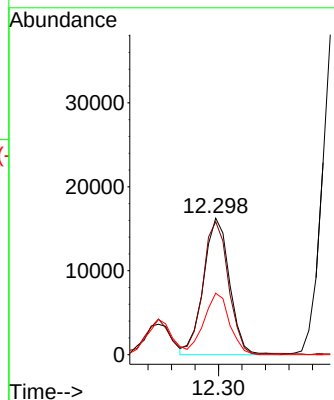
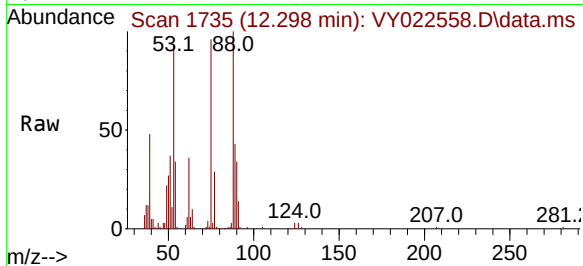




#81
trans-1,4-Dichloro-2-butene
Concen: 45.188 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

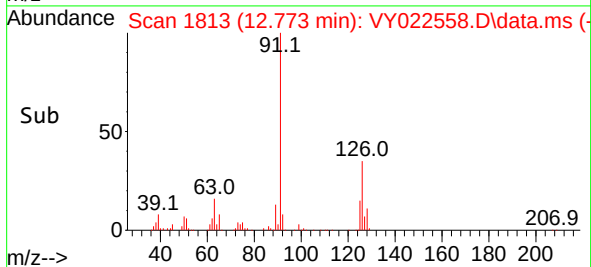
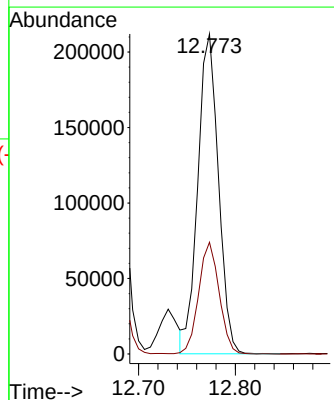
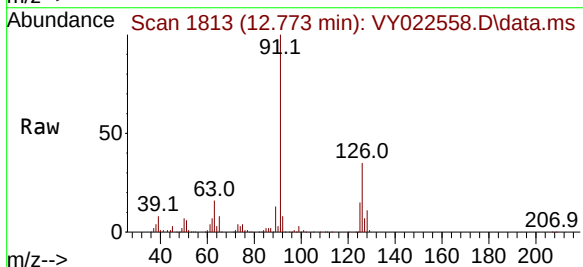
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

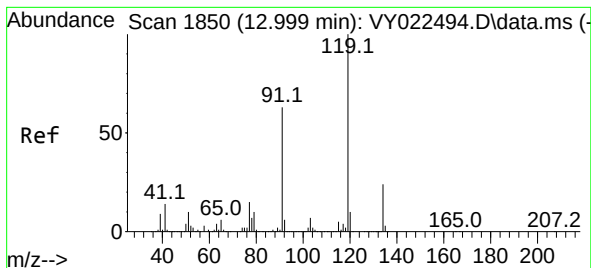
Tgt Ion: 75 Resp: 25050
Ion Ratio Lower Upper
75 100
53 95.0 78.5 117.7
89 44.0 35.7 53.5



#82
4-Chlorotoluene
Concen: 48.896 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022558.D
Acq: 04 Jun 2025 18:30

Tgt Ion: 91 Resp: 313697
Ion Ratio Lower Upper
91 100
126 34.8 17.0 50.9





#83

tert-Butylbenzene

Concen: 48.043 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

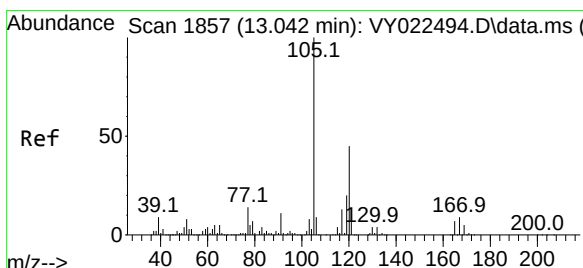
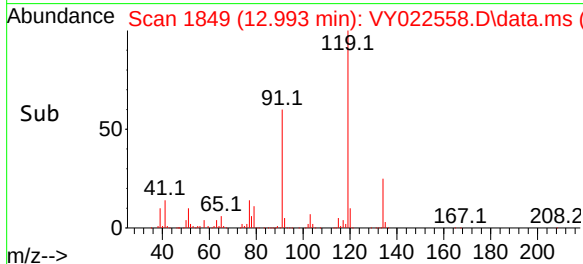
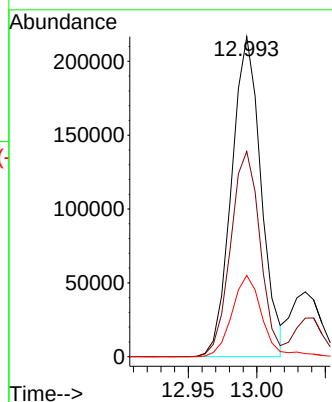
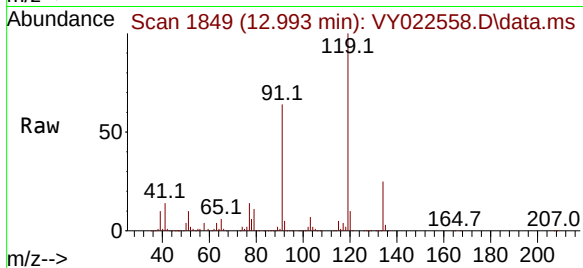
Tgt Ion:119 Resp: 325223

Ion Ratio Lower Upper

119 100

91 64.0 32.1 96.3

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.809 ug/l

RT: 13.035 min Scan# 1856

Delta R.T. -0.006 min

Lab File: VY022558.D

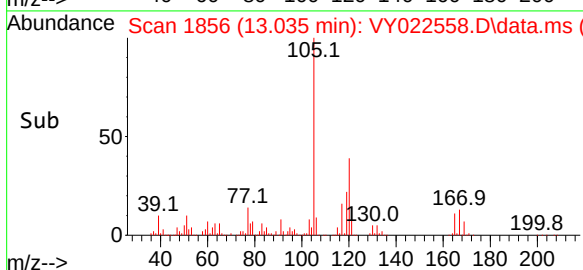
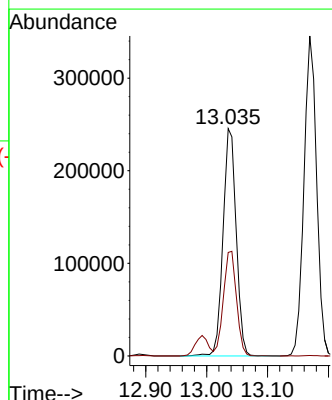
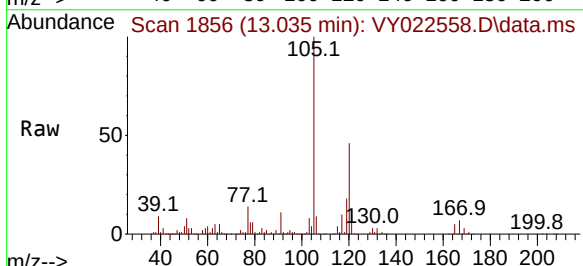
Acq: 04 Jun 2025 18:30

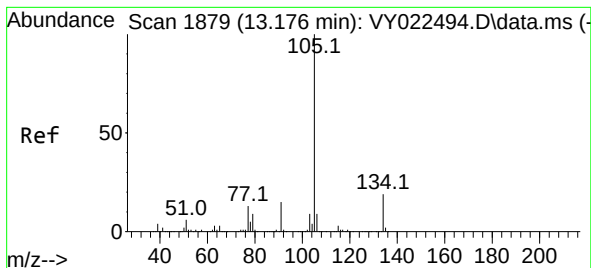
Tgt Ion:105 Resp: 368202

Ion Ratio Lower Upper

105 100

120 45.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 47.942 ug/l

RT: 13.169 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Instrument :

MSVOA_Y

ClientSampleId :

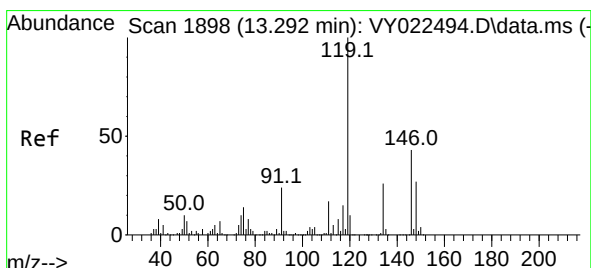
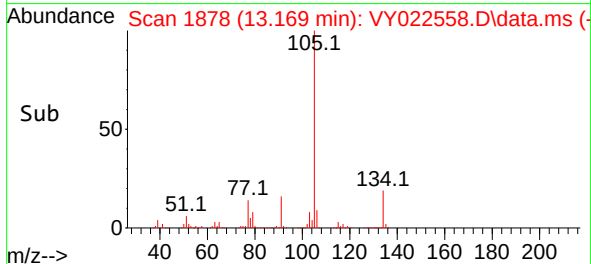
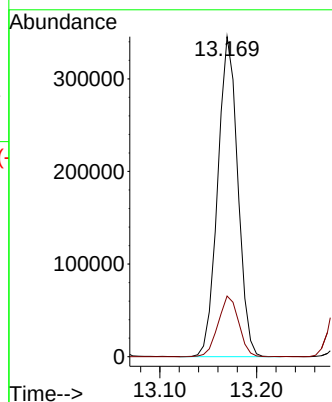
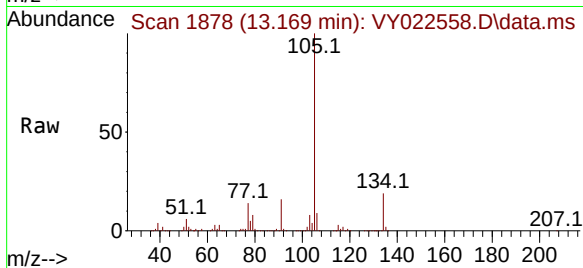
VSTDCCC050EC

Tgt Ion:105 Resp: 497048

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 49.219 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

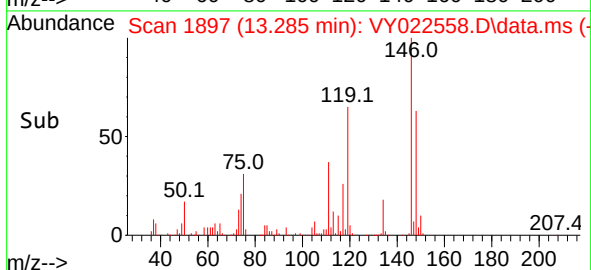
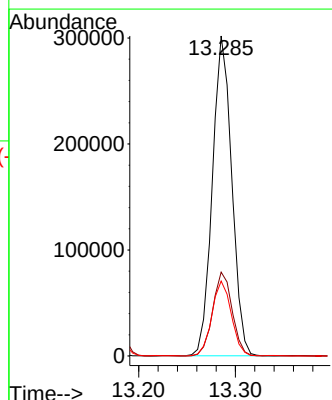
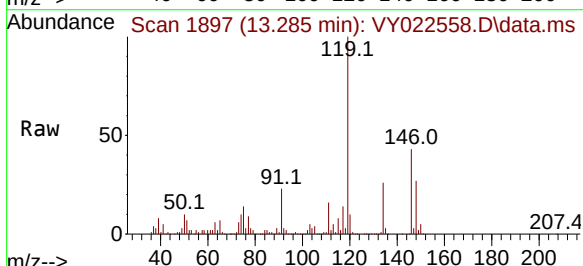
Tgt Ion:119 Resp: 420614

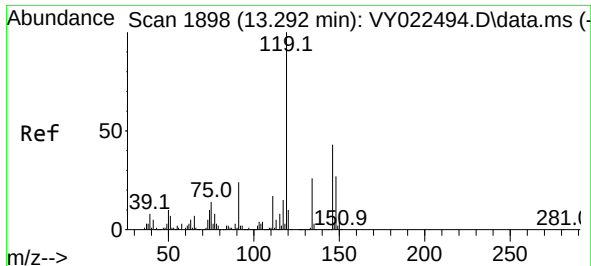
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.5 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 49.096 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

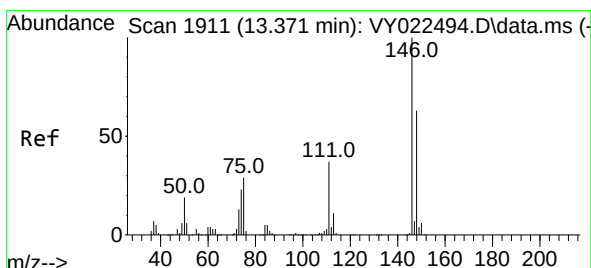
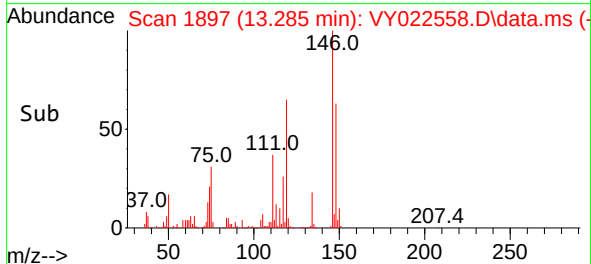
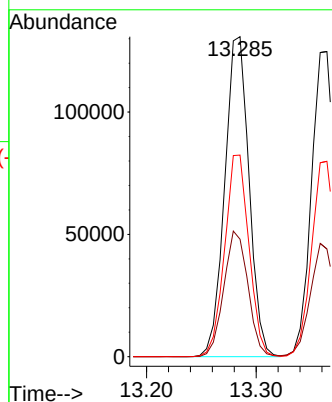
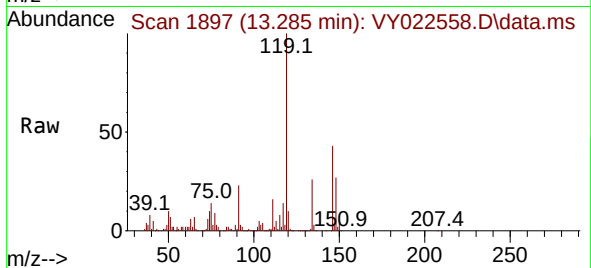
Tgt Ion:146 Resp: 201664

Ion Ratio Lower Upper

146 100

111 39.0 20.1 60.2

148 63.0 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 48.693 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

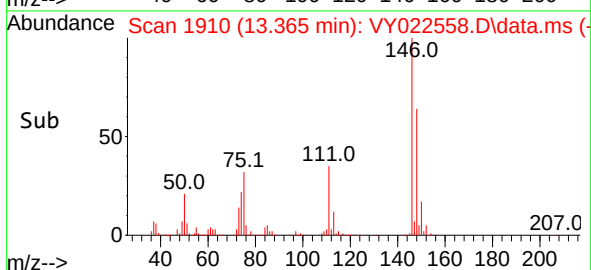
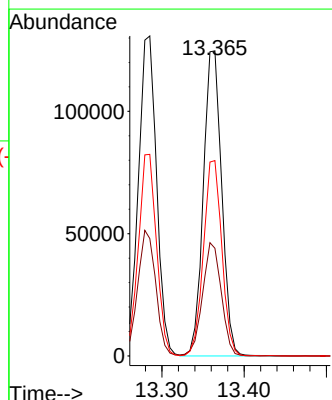
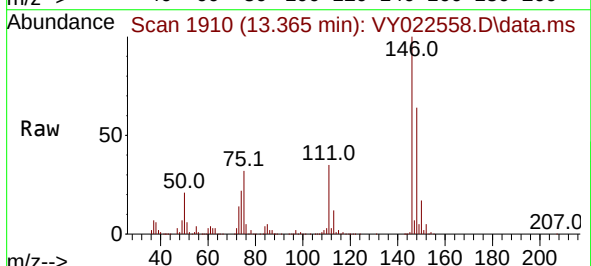
Tgt Ion:146 Resp: 193992

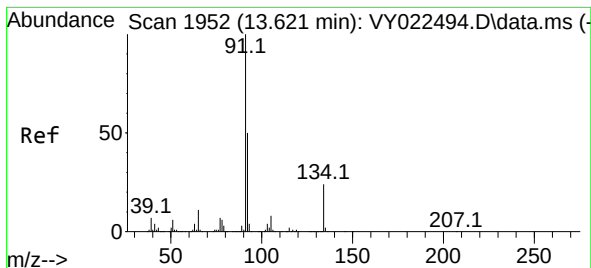
Ion Ratio Lower Upper

146 100

111 37.9 19.4 58.2

148 64.1 31.6 94.8





#89

n-Butylbenzene

Concen: 48.552 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

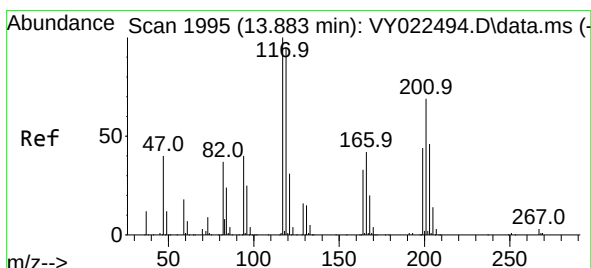
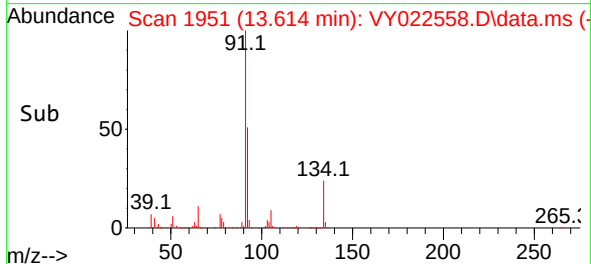
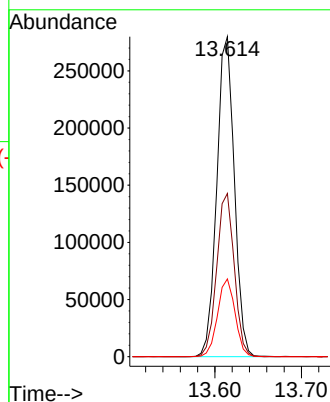
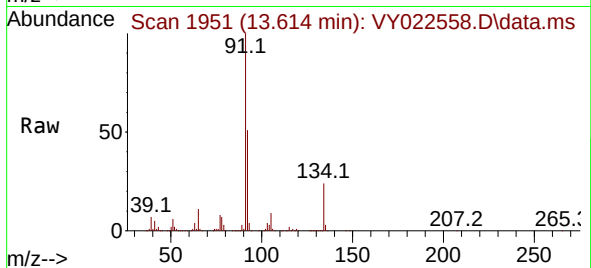
Tgt Ion: 91 Resp: 393655

Ion Ratio Lower Upper

91 100

92 51.1 25.9 77.8

134 24.2 12.0 36.1



#90

Hexachloroethane

Concen: 49.779 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022558.D

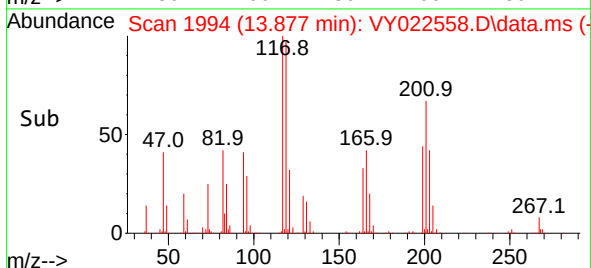
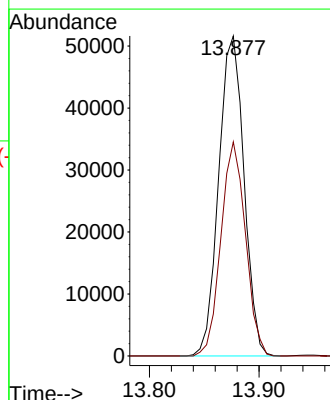
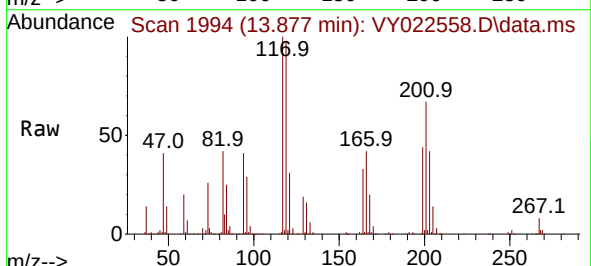
Acq: 04 Jun 2025 18:30

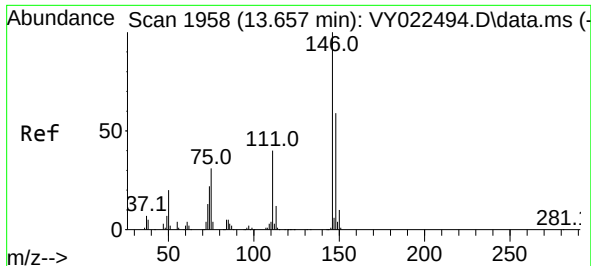
Tgt Ion: 117 Resp: 82819

Ion Ratio Lower Upper

117 100

201 64.9 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 49.907 ug/l

RT: 13.651 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

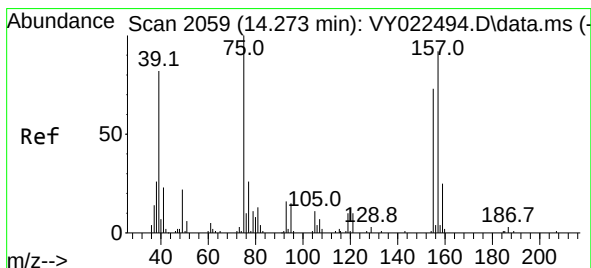
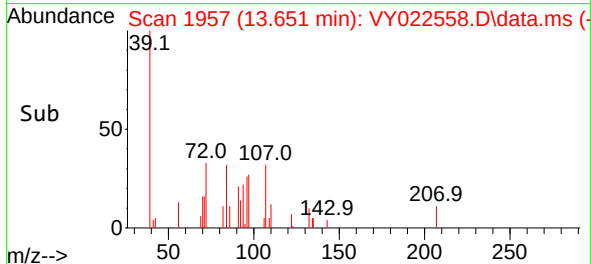
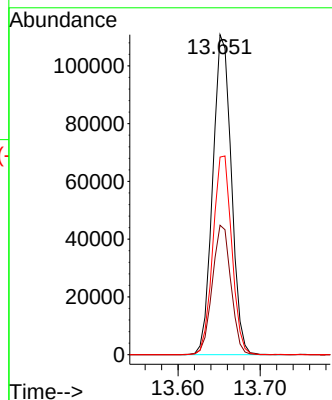
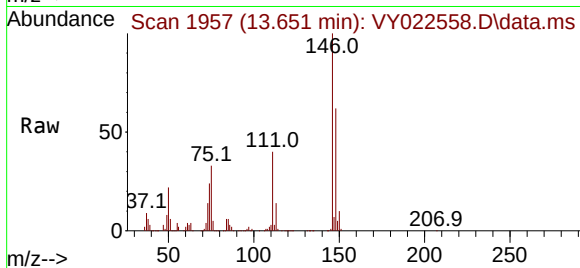
Tgt Ion:146 Resp: 174050

Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.6

148 63.0 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.172 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

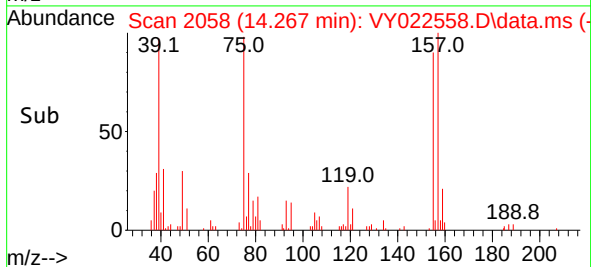
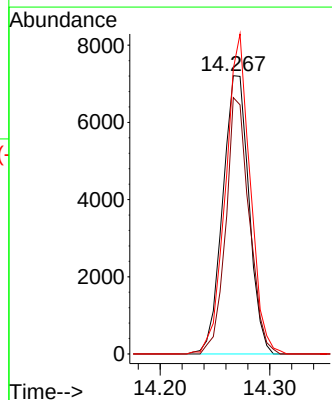
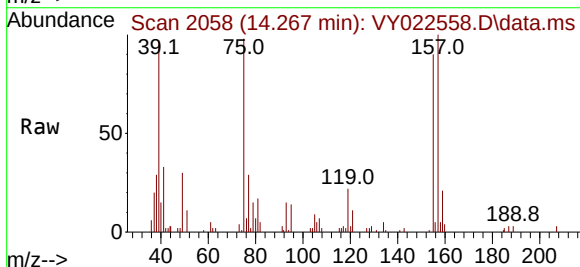
Tgt Ion: 75 Resp: 11977

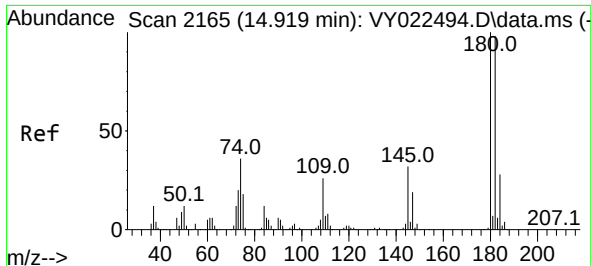
Ion Ratio Lower Upper

75 100

155 82.6 39.9 119.6

157 107.2 54.0 162.0

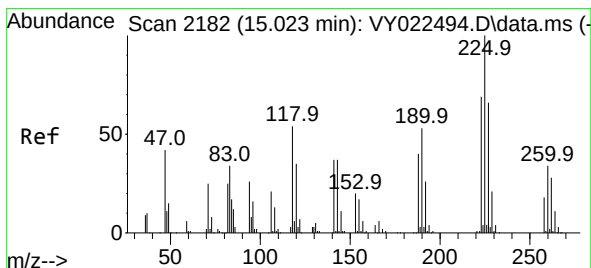
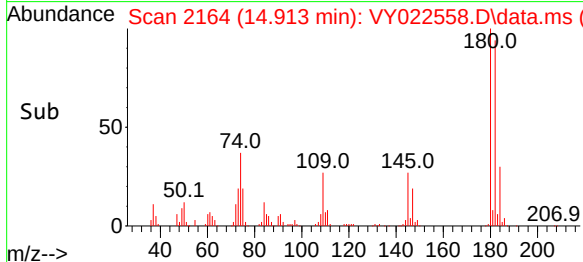
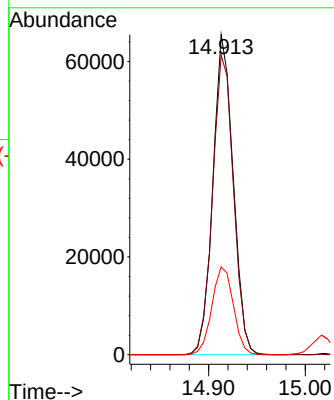
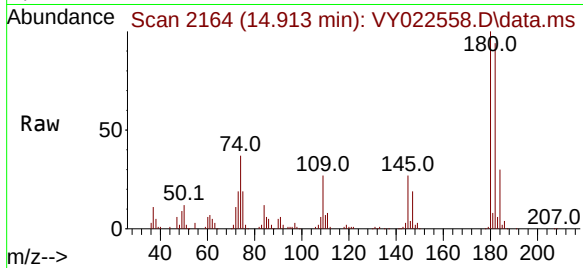




#93
 1,2,4-Trichlorobenzene
 Concen: 50.058 ug/l
 RT: 14.913 min Scan# 2164
 Delta R.T. -0.006 min
 Lab File: VY022558.D
 Acq: 04 Jun 2025 18:30

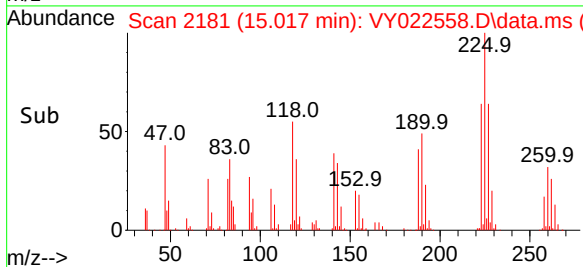
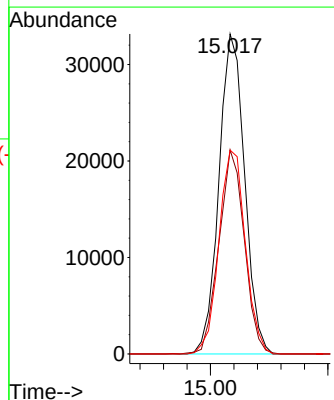
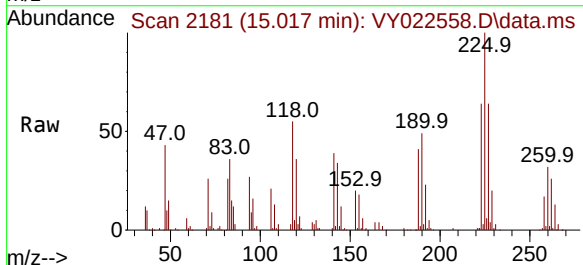
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

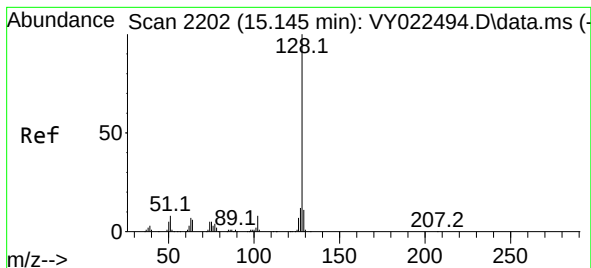
Tgt Ion:180 Resp: 95213
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.4 145.3
 145 29.1 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 47.997 ug/l
 RT: 15.017 min Scan# 2181
 Delta R.T. -0.006 min
 Lab File: VY022558.D
 Acq: 04 Jun 2025 18:30

Tgt Ion:225 Resp: 50387
 Ion Ratio Lower Upper
 225 100
 223 62.9 32.5 97.4
 227 65.5 32.3 96.9





#95

Naphthalene

Concen: 52.928 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

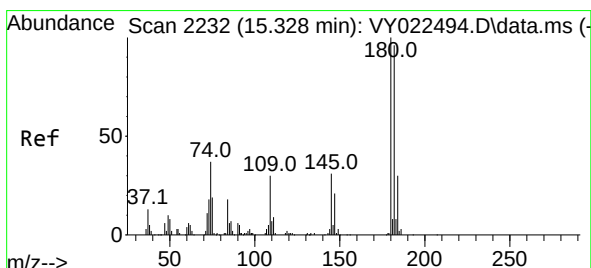
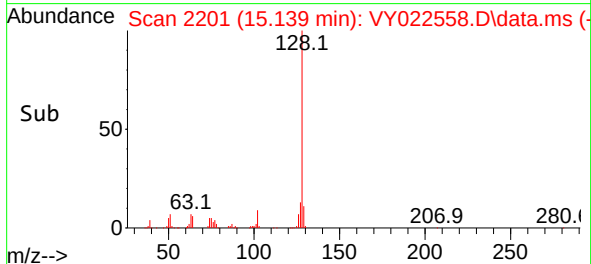
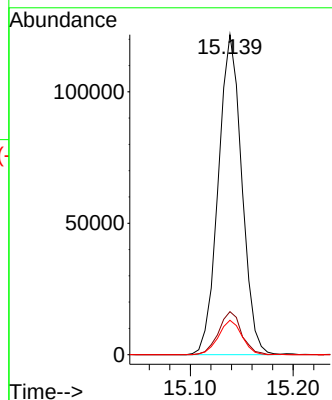
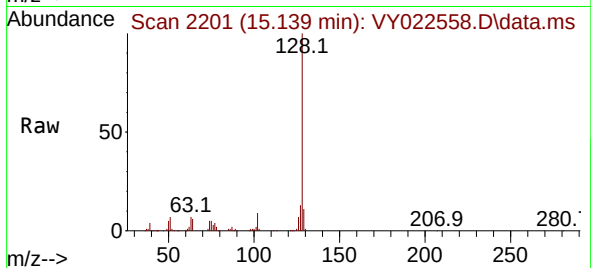
Tgt Ion:128 Resp: 193189

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 50.459 ug/l

RT: 15.321 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022558.D

Acq: 04 Jun 2025 18:30

Tgt Ion:180 Resp: 82251

Ion Ratio Lower Upper

180 100

182 95.5 47.1 141.3

145 31.1 15.2 45.6

