

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022809.D
 Acq On : 24 Jun 2025 20:09
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 25 01:31:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	390540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	677272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	598576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	295491	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	217395	49.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.740%
35) Dibromofluoromethane	7.634	113	201177	48.843	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.680%
50) Toluene-d8	10.103	98	813004	49.743	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.480%
62) 4-Bromofluorobenzene	12.401	95	259221	49.337	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	160022	47.917	ug/l	98
3) Chloromethane	2.062	50	290310	45.525	ug/l	100
4) Vinyl Chloride	2.196	62	403023	50.587	ug/l	100
5) Bromomethane	2.586	94	322797	51.538	ug/l	100
6) Chloroethane	2.726	64	279030	52.104	ug/l	94
7) Trichlorofluoromethane	3.043	101	444183	50.352	ug/l	96
8) Diethyl Ether	3.452	74	113473	52.080	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.812	101	197949	49.102	ug/l	98
10) Methyl Iodide	3.994	142	240685	54.835	ug/l	99
11) Tert butyl alcohol	4.854	59	68143	235.113	ug/l	97
12) 1,1-Dichloroethene	3.781	96	197115	49.864	ug/l	95
13) Acrolein	3.647	56	74508	189.582	ug/l	98
14) Allyl chloride	4.379	41	291617	47.962	ug/l	97
15) Acrylonitrile	5.055	53	224588	247.056	ug/l	99
16) Acetone	3.866	43	167413	203.208	ug/l	96
17) Carbon Disulfide	4.098	76	629437	49.289	ug/l	100
18) Methyl Acetate	4.379	43	134298	49.223	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	556279	51.681	ug/l	100
20) Methylene Chloride	4.610	84	234952	45.158	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	231233	51.182	ug/l	91
22) Diisopropyl ether	6.012	45	681803	50.493	ug/l	97
23) Vinyl Acetate	5.951	43	1819609	243.997	ug/l	97
24) 1,1-Dichloroethane	5.909	63	413463	50.693	ug/l	98
25) 2-Butanone	6.890	43	269881	225.079	ug/l	97
26) 2,2-Dichloropropane	6.878	77	299156	43.756	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	271597	51.735	ug/l	96
28) Bromochloromethane	7.238	49	168438	49.122	ug/l	89
29) Tetrahydrofuran	7.256	42	184449	243.614	ug/l	97
30) Chloroform	7.415	83	429492	51.127	ug/l	94
31) Cyclohexane	7.695	56	348739	46.580	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	372906	51.369	ug/l	98
36) 1,1-Dichloropropene	7.829	75	304672	48.801	ug/l	99
37) Ethyl Acetate	6.982	43	129670	48.132	ug/l	97
38) Carbon Tetrachloride	7.811	117	319614	48.519	ug/l	98
39) Methylcyclohexane	9.103	83	390881	48.381	ug/l	98
40) Benzene	8.073	78	962290	50.133	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	72883	43.945	ug/l	97
42) 1,2-Dichloroethane	8.152	62	258701	49.183	ug/l	100
43) Isopropyl Acetate	8.195	43	266963	47.679	ug/l	95
44) Trichloroethene	8.859	130	246433	51.135	ug/l	100
45) 1,2-Dichloropropane	9.140	63	221107	49.218	ug/l	95
46) Dibromomethane	9.225	93	125126	49.064	ug/l	95
47) Bromodichloromethane	9.420	83	331653	50.432	ug/l	97
48) Methyl methacrylate	9.219	41	128638	47.790	ug/l	93
49) 1,4-Dioxane	9.225	88	29309	972.753	ug/l	92
51) 4-Methyl-2-Pentanone	9.993	43	695401	244.397	ug/l	95
52) Toluene	10.164	92	616155	50.881	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	286394	48.403	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	334160	48.707	ug/l	96
55) 1,1,2-Trichloroethane	10.566	97	165483	50.112	ug/l	96
56) Ethyl methacrylate	10.432	69	227029	51.100	ug/l	95
57) 1,3-Dichloropropane	10.713	76	288193	50.021	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	558636	239.909	ug/l	98
59) 2-Hexanone	10.755	43	459189	237.368	ug/l	96
60) Dibromochloromethane	10.908	129	216544	50.767	ug/l	99
61) 1,2-Dibromoethane	11.011	107	156701	50.709	ug/l	96
64) Tetrachloroethene	10.640	164	303985	53.757	ug/l	97
65) Chlorobenzene	11.438	112	655447	49.834	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	225843	50.696	ug/l	100
67) Ethyl Benzene	11.511	91	1170369	50.645	ug/l	99
68) m/p-Xylenes	11.621	106	911491	102.035	ug/l	99
69) o-Xylene	11.950	106	435607	51.752	ug/l	99
70) Styrene	11.963	104	736022	52.203	ug/l	99
71) Bromoform	12.127	173	121014	48.786	ug/l #	98
73) Isopropylbenzene	12.249	105	1111091	50.843	ug/l	99
74) N-amyl acetate	12.066	43	242951	49.528	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.499	83	159716	45.347	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	240862	79.843	ug/l #	100
77) Bromobenzene	12.530	156	251197	50.712	ug/l	97
78) n-propylbenzene	12.590	91	1337690	50.699	ug/l	98
79) 2-Chlorotoluene	12.676	91	751950	50.442	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	908287	51.486	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	50077	41.938	ug/l	96
82) 4-Chlorotoluene	12.773	91	792196	50.593	ug/l	99
83) tert-Butylbenzene	12.993	119	798715	51.337	ug/l	98
84) 1,2,4-Trimethylbenzene	13.036	105	909225	51.478	ug/l	100
85) sec-Butylbenzene	13.170	105	1202578	51.372	ug/l	99
86) p-Isopropyltoluene	13.285	119	1006207	51.652	ug/l	100
87) 1,3-Dichlorobenzene	13.279	146	499609	50.221	ug/l	99
88) 1,4-Dichlorobenzene	13.359	146	489113	49.495	ug/l	99
89) n-Butylbenzene	13.609	91	914049	49.883	ug/l	98
90) Hexachloroethane	13.877	117	195813	50.468	ug/l	94
91) 1,2-Dichlorobenzene	13.651	146	435127	49.633	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	27949	46.794	ug/l	96
93) 1,2,4-Trichlorobenzene	14.913	180	234020	47.278	ug/l	97
94) Hexachlorobutadiene	15.017	225	129428	46.240	ug/l	99
95) Naphthalene	15.139	128	441045	49.272	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	201358	47.076	ug/l	99

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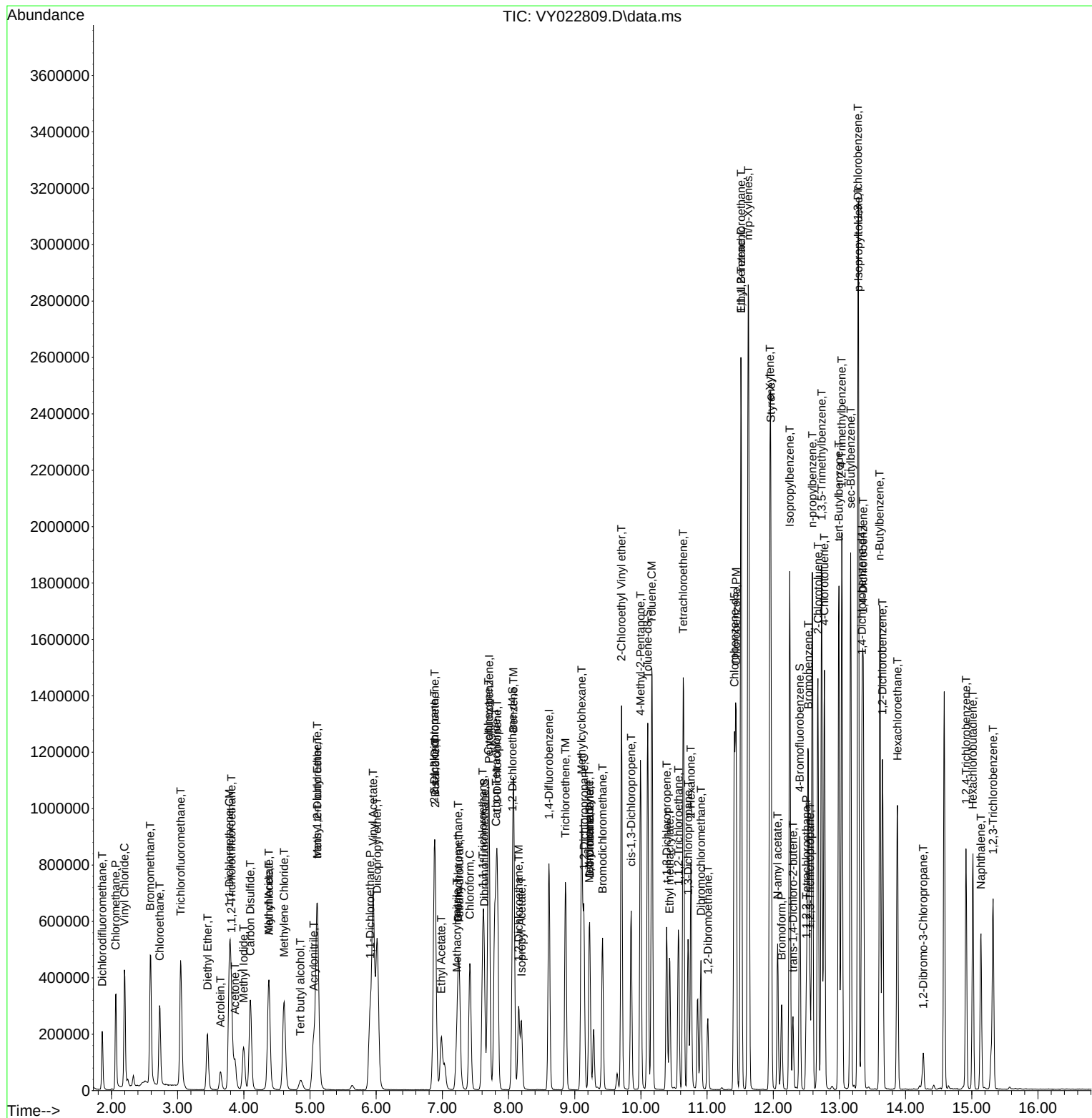
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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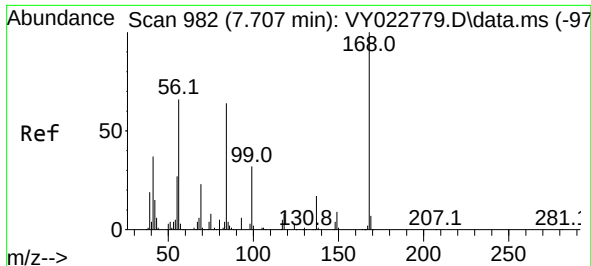
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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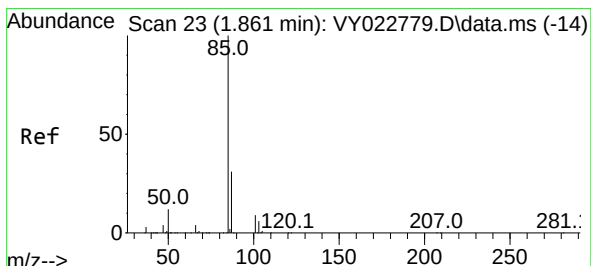
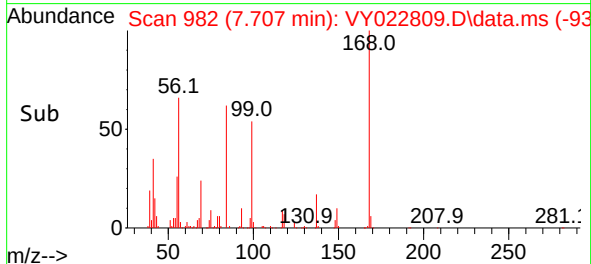
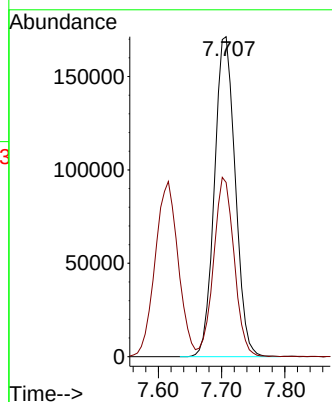
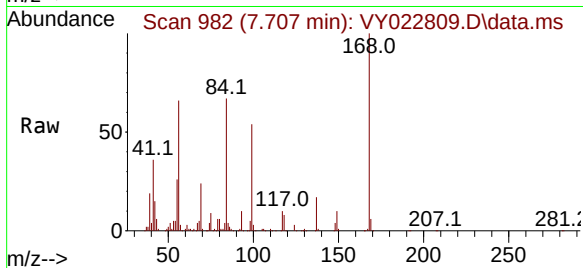




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022809.D
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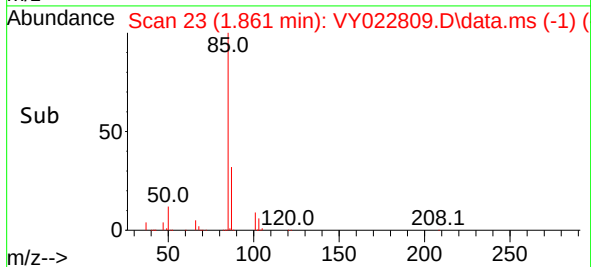
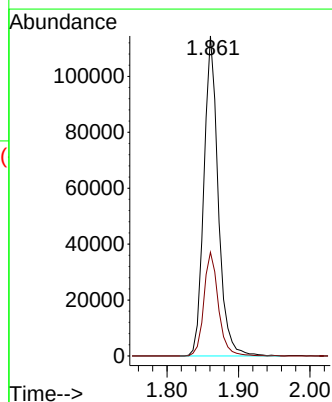
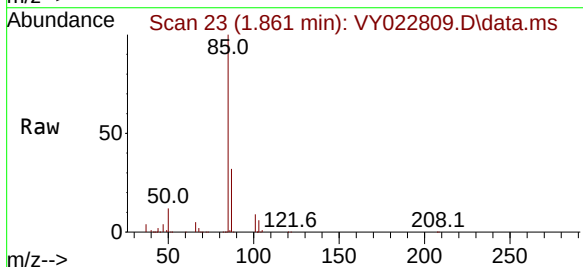
Instrument :
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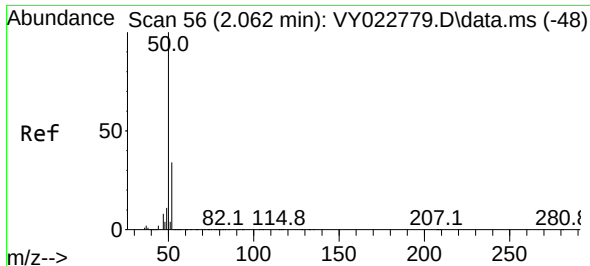
Tgt Ion:168 Resp: 390540
Ion Ratio Lower Upper
168 100
99 54.4 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 47.917 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 85 Resp: 160022
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.0

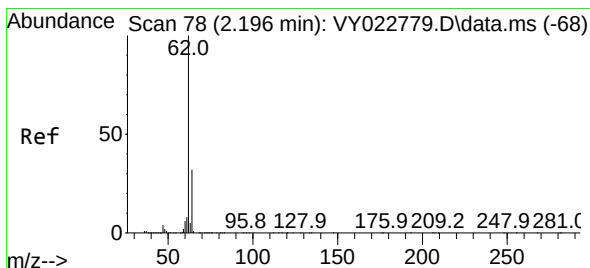
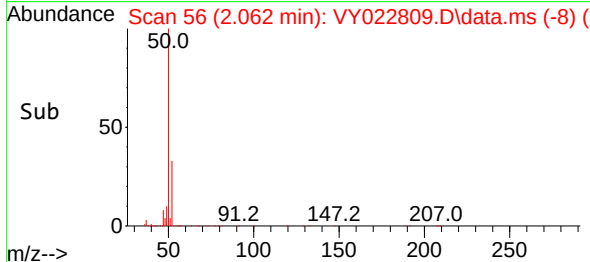
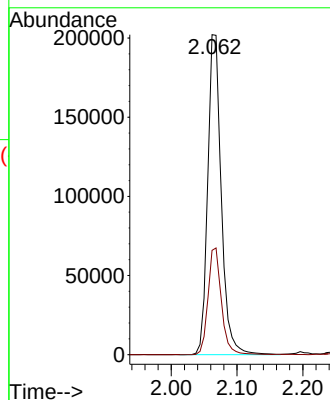
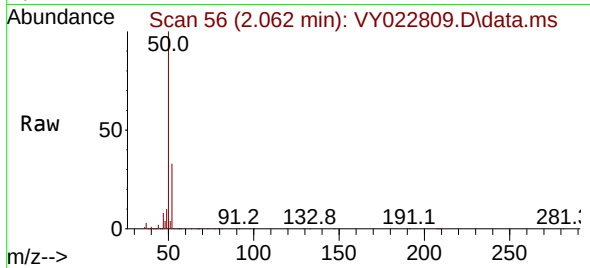




#3
Chloromethane
Concen: 45.525 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

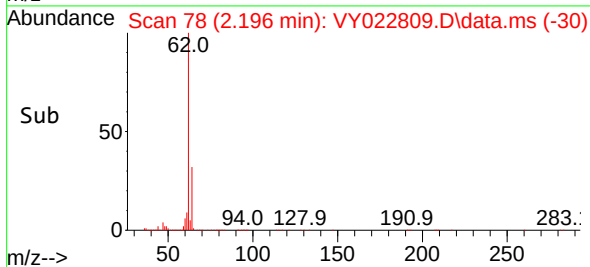
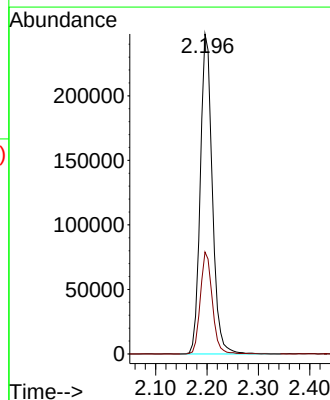
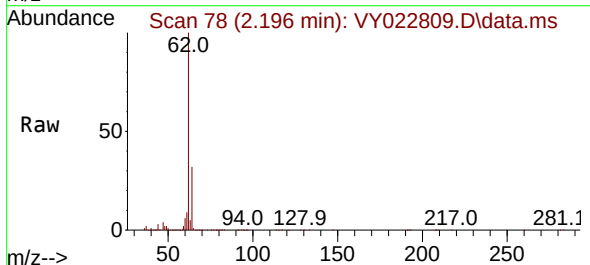
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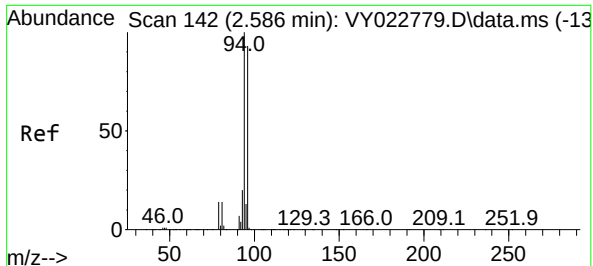
Tgt Ion: 50 Resp: 290310
Ion Ratio Lower Upper
50 100
52 32.6 26.0 39.0



#4
Vinyl Chloride
Concen: 50.587 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 62 Resp: 403023
Ion Ratio Lower Upper
62 100
64 31.8 25.3 37.9

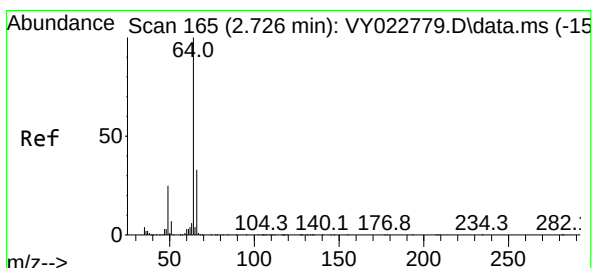
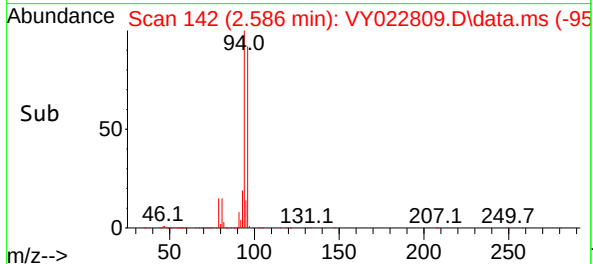
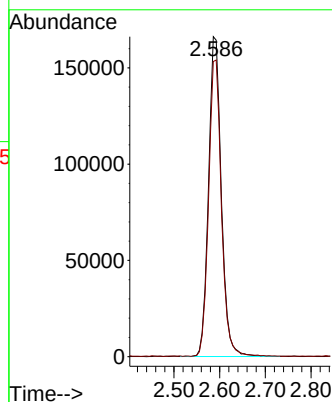
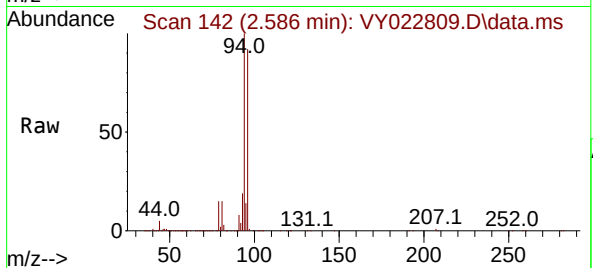




#5
Bromomethane
Concen: 51.538 ug/l
RT: 2.586 min Scan# 142
Delta R.T. -0.012 min
Lab File: VY022809.D
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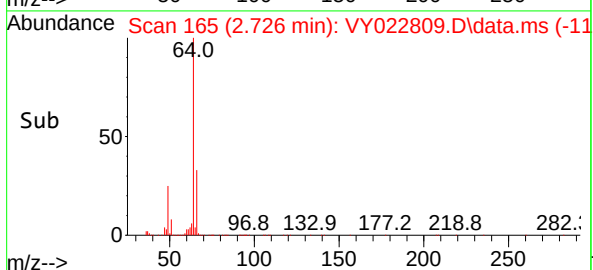
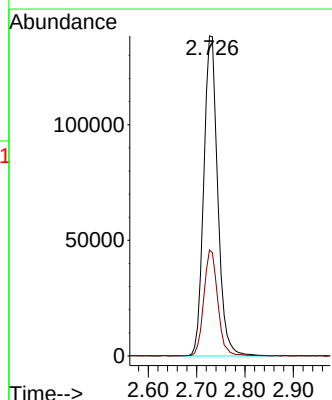
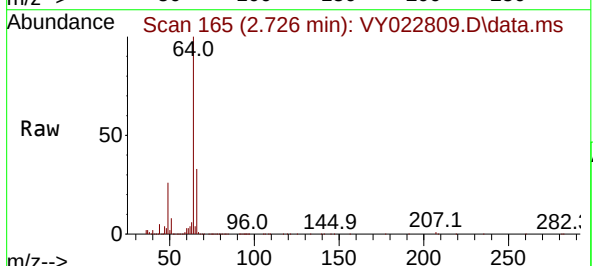
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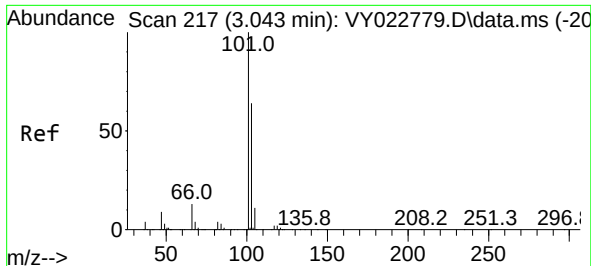
Tgt Ion: 94 Resp: 322797
Ion Ratio Lower Upper
94 100
96 92.1 74.0 111.0



#6
Chloroethane
Concen: 52.104 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY022809.D
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Tgt Ion: 64 Resp: 279030
Ion Ratio Lower Upper
64 100
66 33.1 23.8 35.6

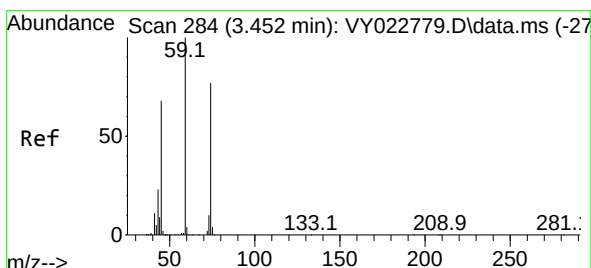
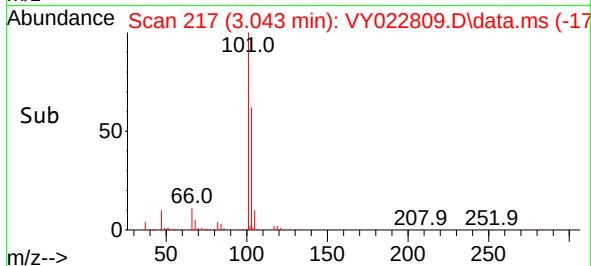
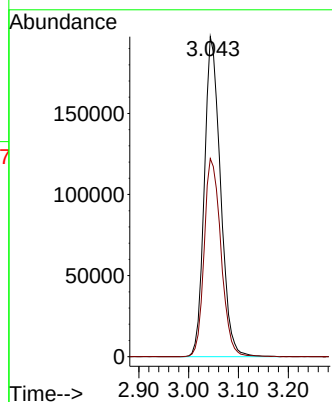
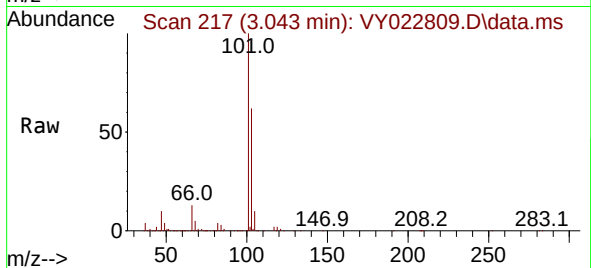




#7
Trichlorofluoromethane
Concen: 50.352 ug/l
RT: 3.043 min Scan# 217
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

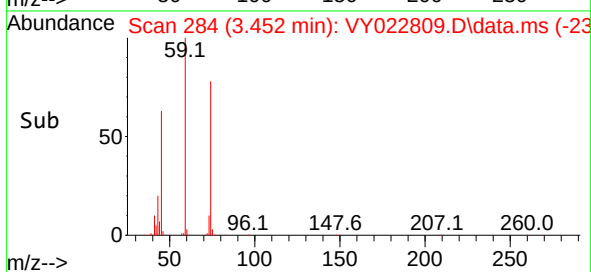
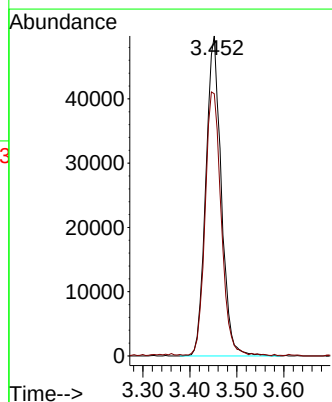
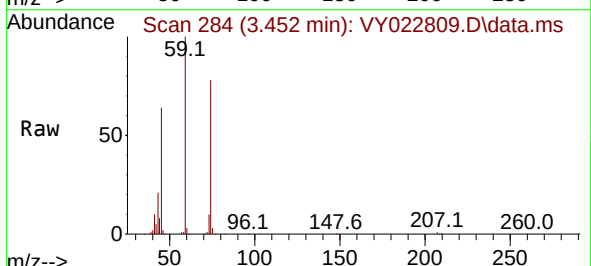
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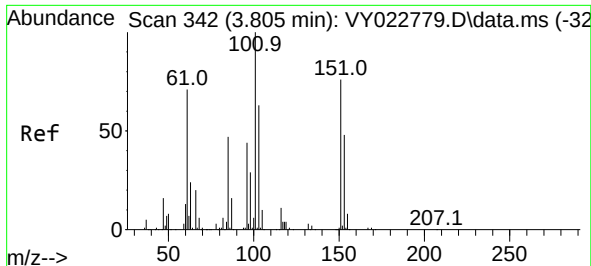
Tgt Ion:101 Resp: 444183
Ion Ratio Lower Upper
101 100
103 61.9 52.2 78.2



#8
Diethyl Ether
Concen: 52.080 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 74 Resp: 113473
Ion Ratio Lower Upper
74 100
45 85.2 45.9 137.6

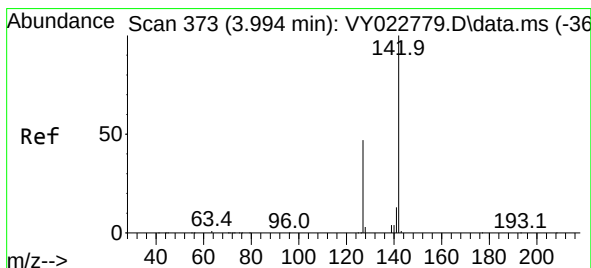
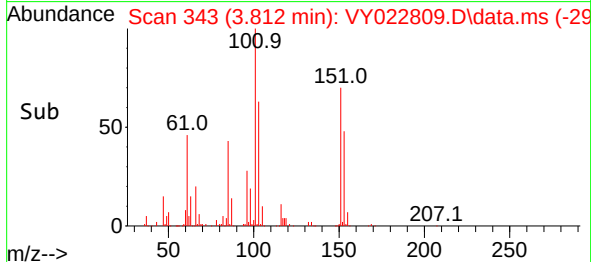
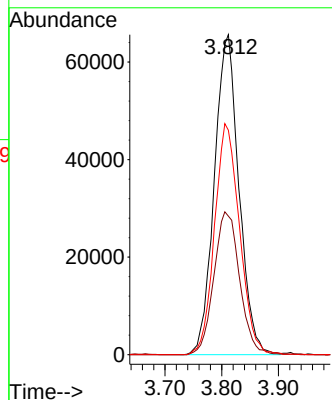
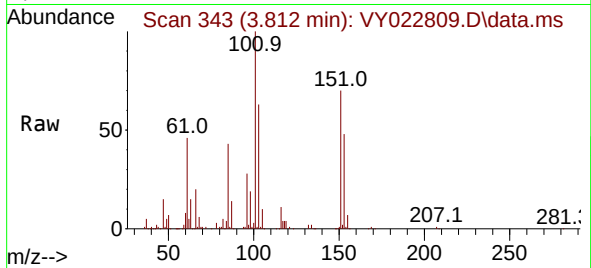




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.102 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

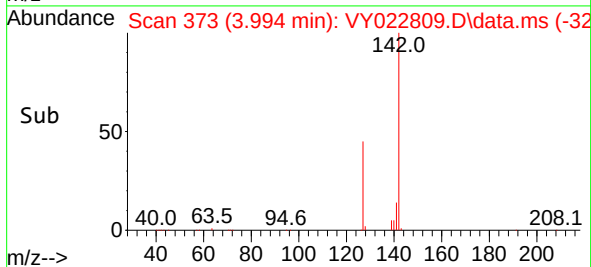
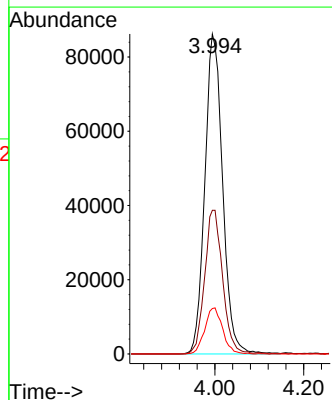
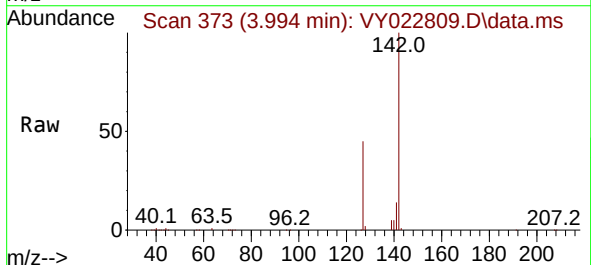
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

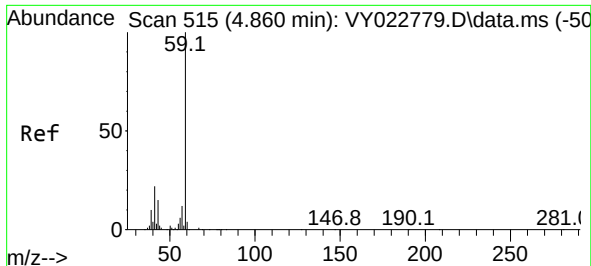
Tgt Ion:101 Resp: 197949
Ion Ratio Lower Upper
101 100
85 46.6 39.3 58.9
151 73.5 57.8 86.8



#10
Methyl Iodide
Concen: 54.835 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion:142 Resp: 240685
Ion Ratio Lower Upper
142 100
127 45.2 37.1 55.7
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 235.113 ug/l

RT: 4.854 min Scan# 515

Delta R.T. -0.031 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

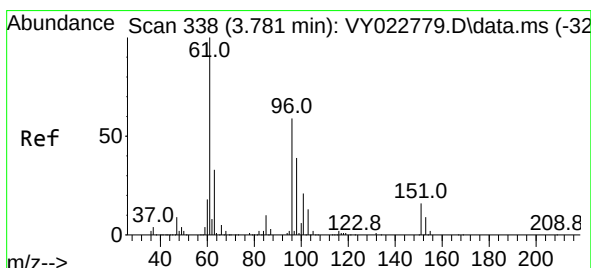
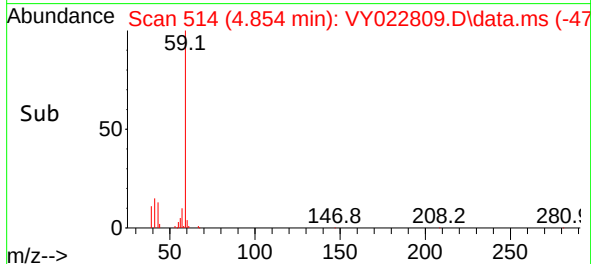
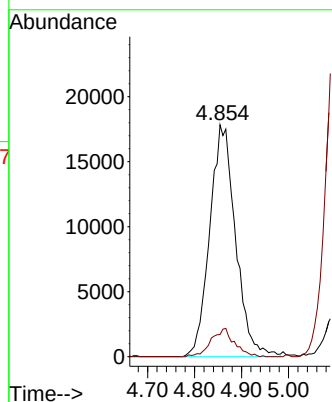
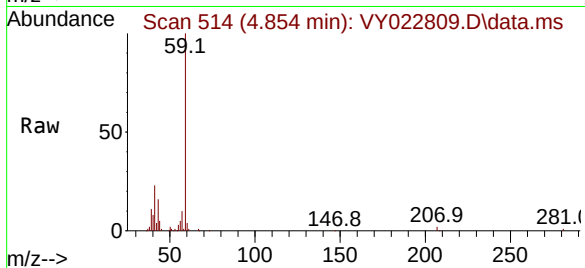
VSTDCCC050EC

Tgt Ion: 59 Resp: 68143

Ion Ratio Lower Upper

59 100

57 10.9 8.0 12.0



#12

1,1-Dichloroethene

Concen: 49.864 ug/l

RT: 3.781 min Scan# 338

Delta R.T. -0.018 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

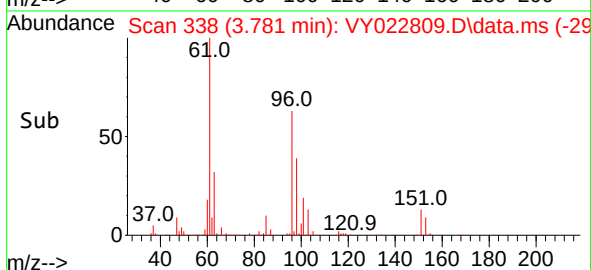
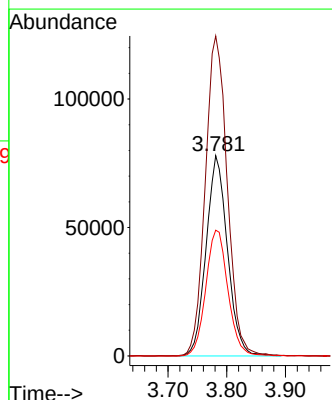
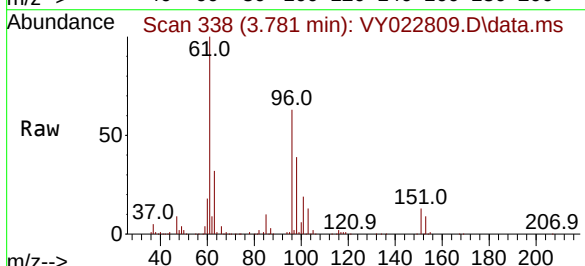
Tgt Ion: 96 Resp: 197115

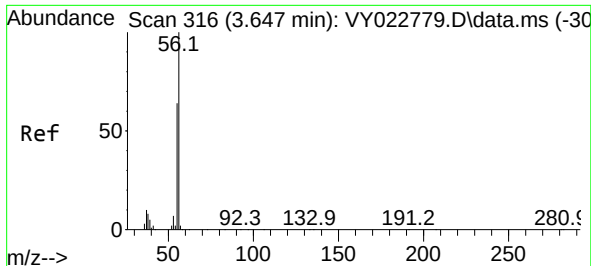
Ion Ratio Lower Upper

96 100

61 159.5 134.6 201.8

98 62.7 50.2 75.4

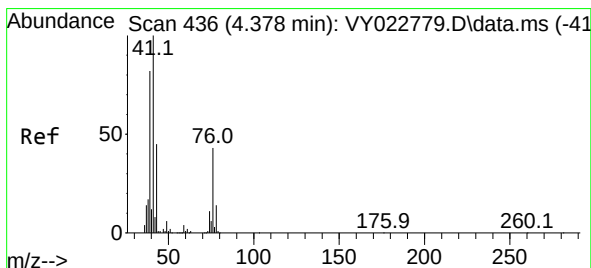
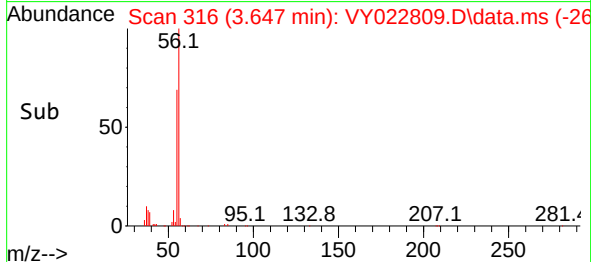
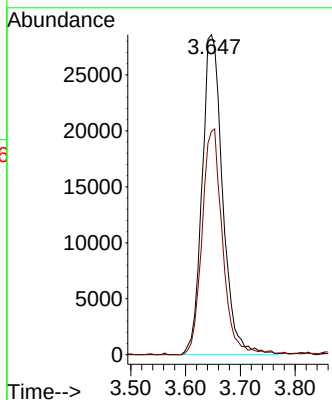
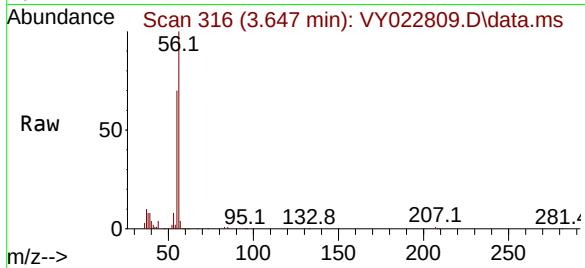




#13
Acrolein
Concen: 189.582 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

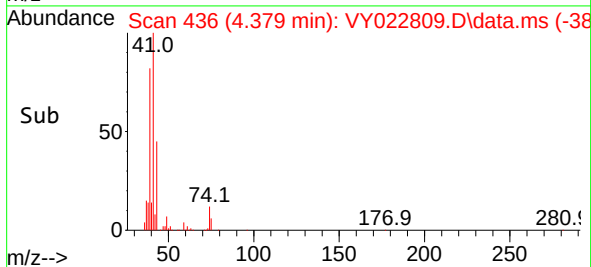
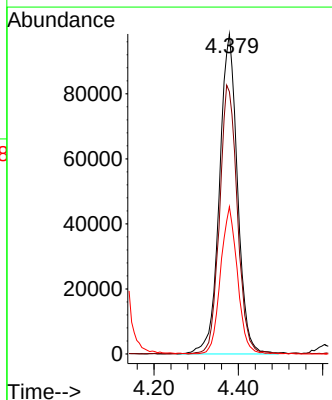
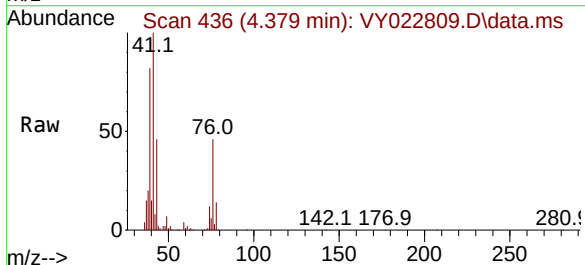
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

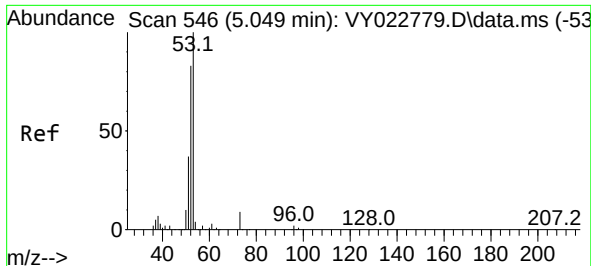
Tgt Ion: 56 Resp: 74508
Ion Ratio Lower Upper
56 100
55 69.5 57.0 85.6



#14
Allyl chloride
Concen: 47.962 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 41 Resp: 291617
Ion Ratio Lower Upper
41 100
39 82.8 69.1 103.7
76 43.0 33.5 50.3

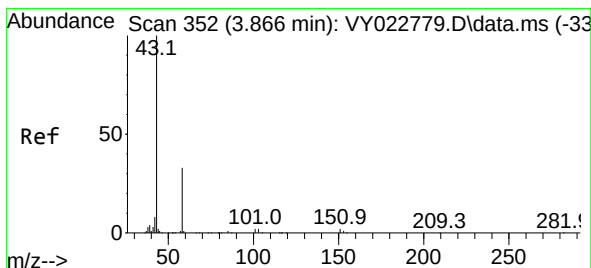
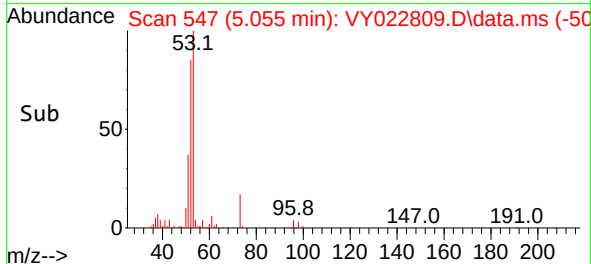
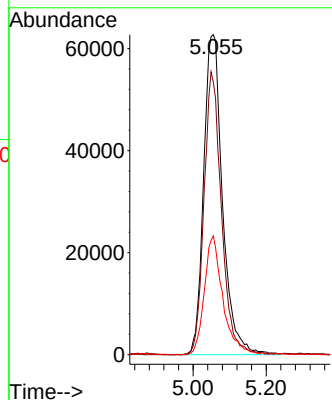
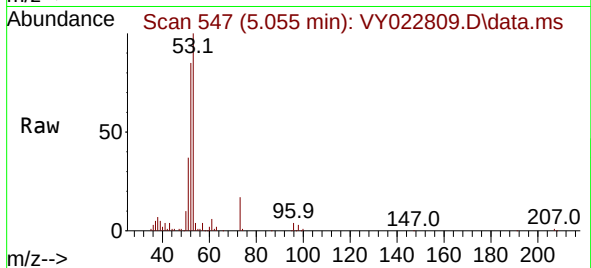




#15
Acrylonitrile
Concen: 247.056 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

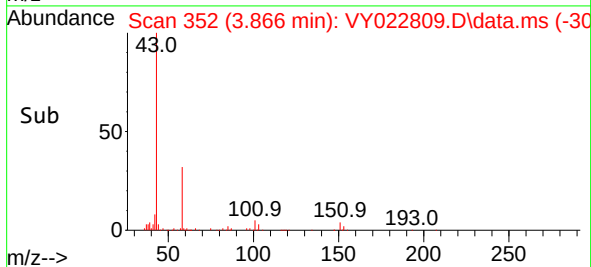
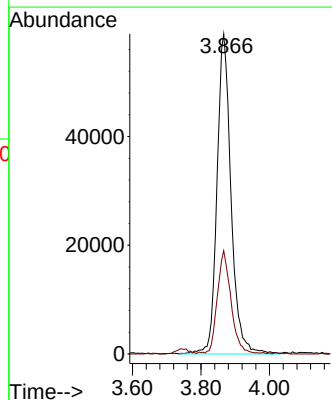
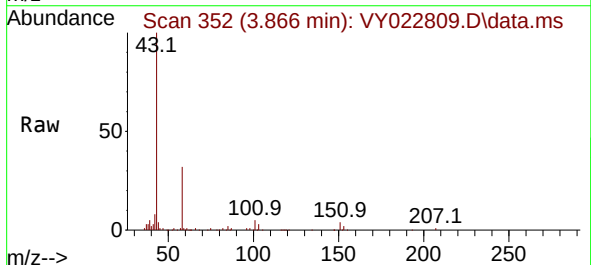
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

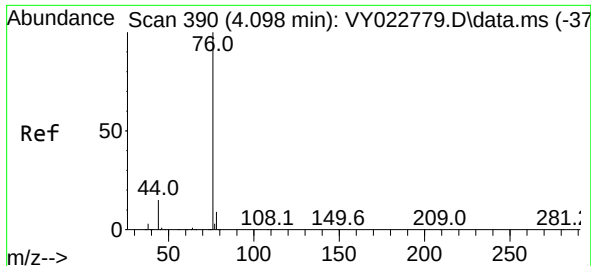
Tgt Ion: 53 Resp: 224588
Ion Ratio Lower Upper
53 100
52 81.8 65.7 98.5
51 36.4 30.1 45.1



#16
Acetone
Concen: 203.208 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 43 Resp: 167413
Ion Ratio Lower Upper
43 100
58 32.1 24.0 36.0

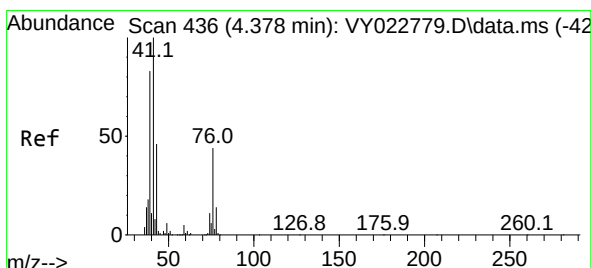
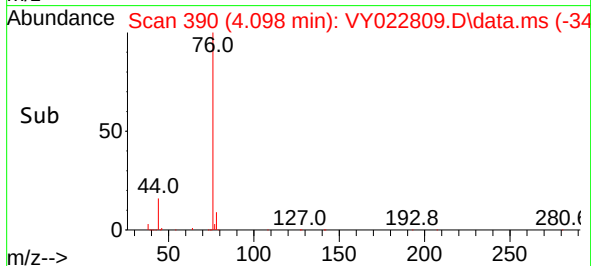
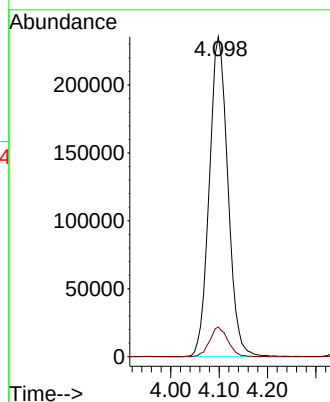
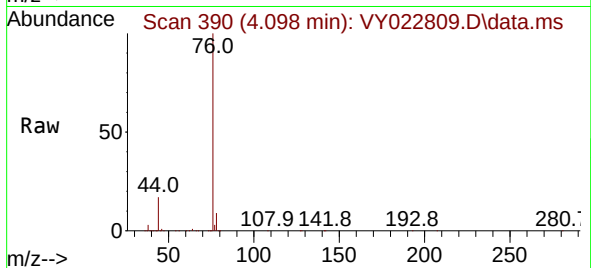




#17
Carbon Disulfide
Concen: 49.289 ug/l
RT: 4.098 min Scan# 390
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

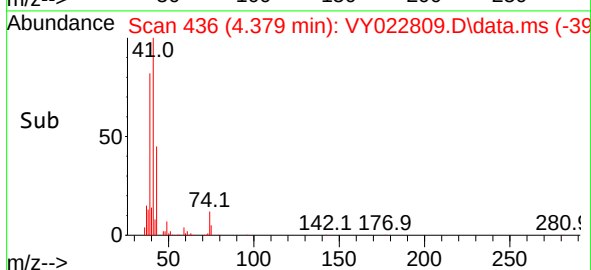
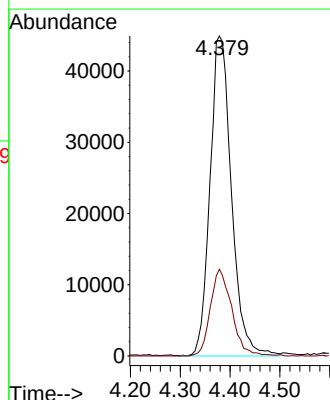
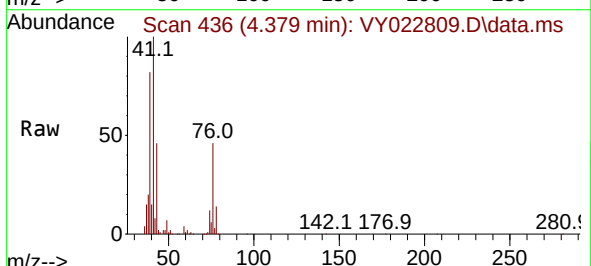
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

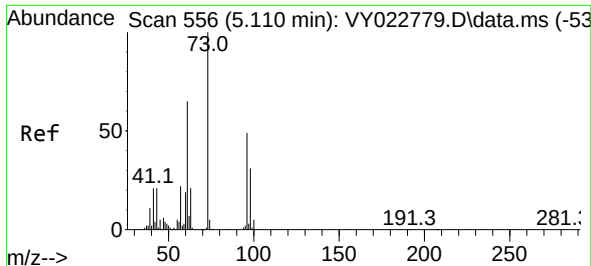
Tgt Ion: 76 Resp: 629437
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 49.223 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 43 Resp: 134298
Ion Ratio Lower Upper
43 100
74 27.0 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 51.681 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

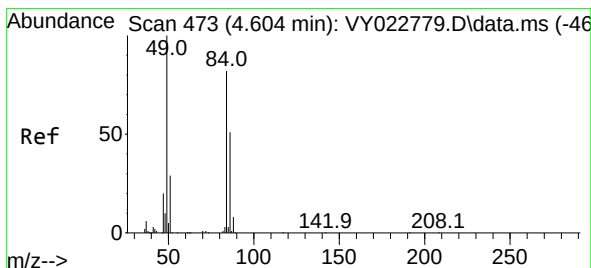
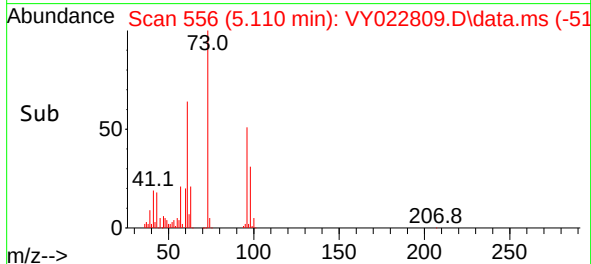
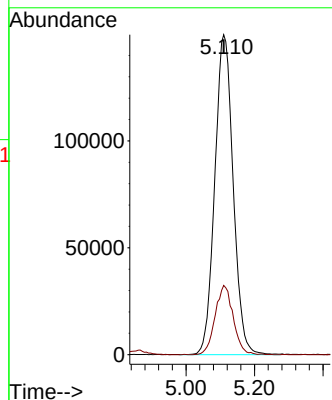
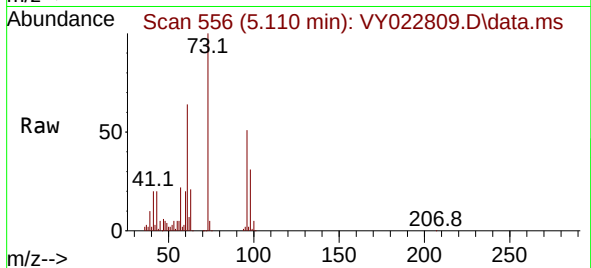
VSTDCCC050EC

Tgt Ion: 73 Resp: 556279

Ion Ratio Lower Upper

73 100

57 21.6 17.4 26.0



#20

Methylene Chloride

Concen: 45.158 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Tgt Ion: 84 Resp: 234952

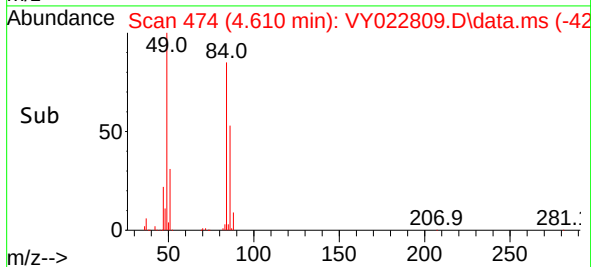
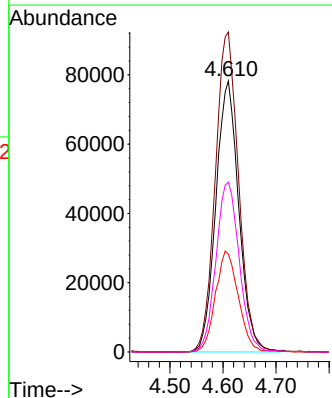
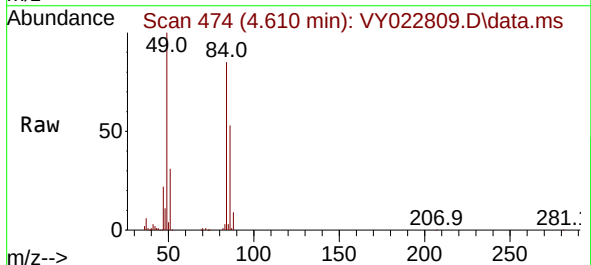
Ion Ratio Lower Upper

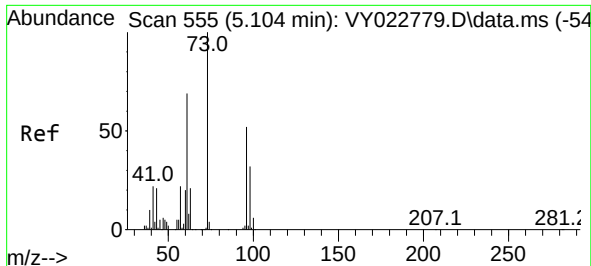
84 100

49 118.1 101.9 152.9

51 36.1 29.8 44.8

86 62.7 51.3 76.9

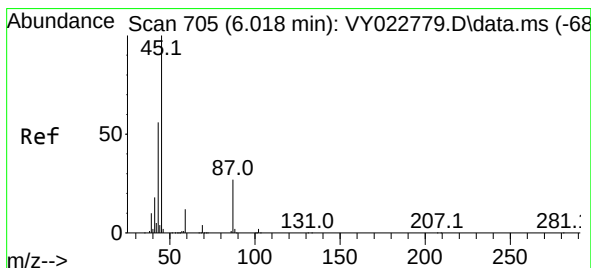
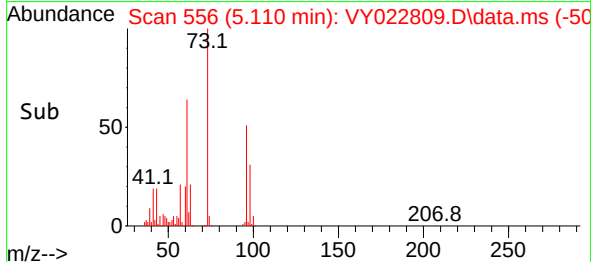
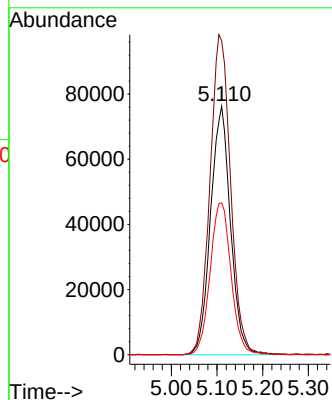
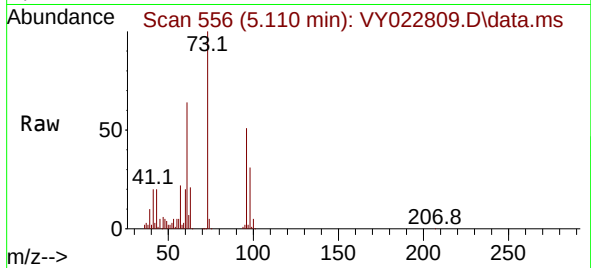




#21
trans-1,2-Dichloroethene
Concen: 51.182 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

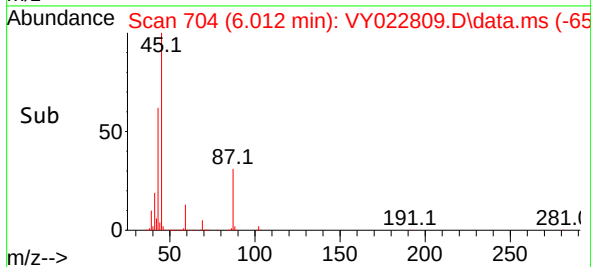
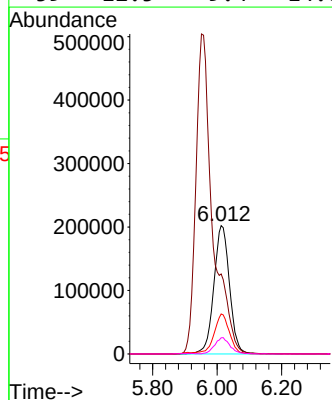
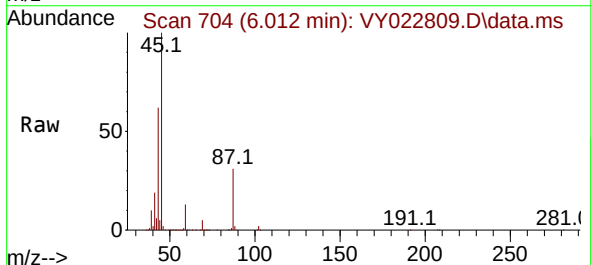
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

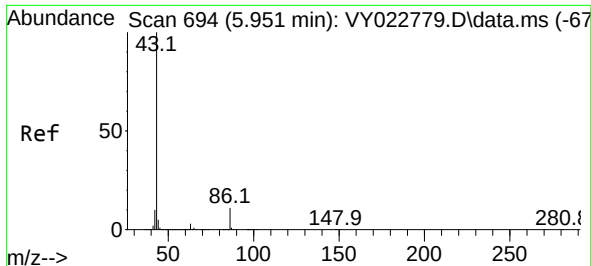
Tgt Ion: 96 Resp: 231233
Ion Ratio Lower Upper
96 100
61 126.3 112.6 169.0
98 61.1 50.6 75.8



#22
Diisopropyl ether
Concen: 50.493 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 45 Resp: 681803
Ion Ratio Lower Upper
45 100
43 62.1 48.3 72.5
87 31.2 23.0 34.6
59 12.5 9.4 14.0

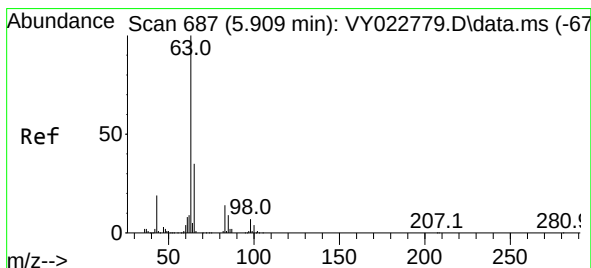
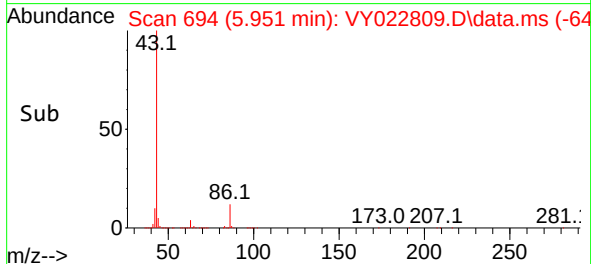
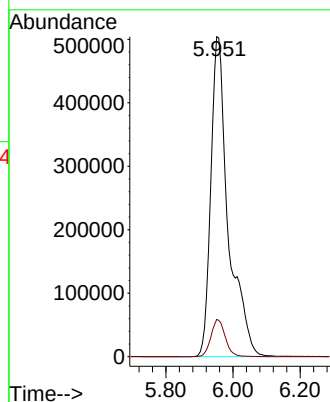
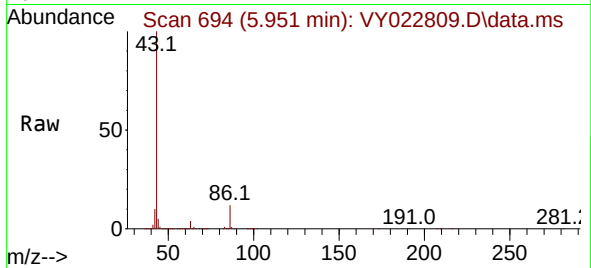




#23
 Vinyl Acetate
 Concen: 243.997 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. -0.018 min
 Lab File: VY022809.D
 Acq: 24 Jun 2025 20:09

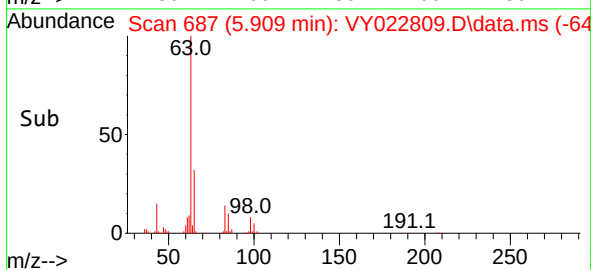
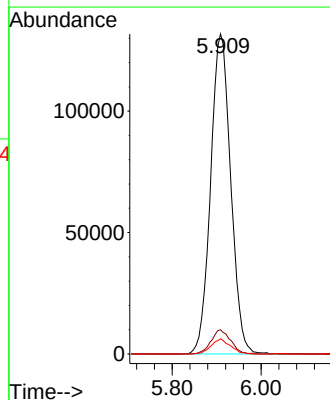
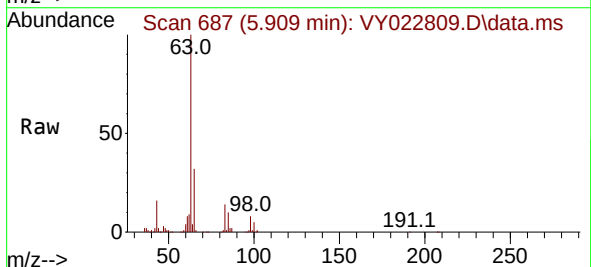
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

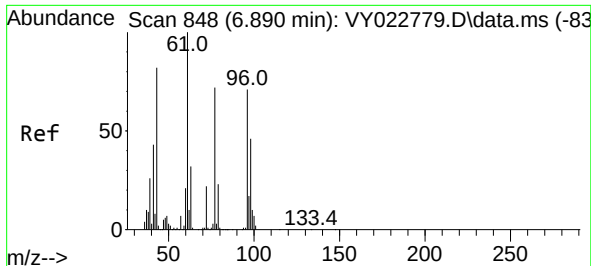
Tgt Ion: 43 Resp: 1819609
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 50.693 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022809.D
 Acq: 24 Jun 2025 20:09

Tgt Ion: 63 Resp: 413463
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.4 10.1
 100 4.7 2.1 6.3

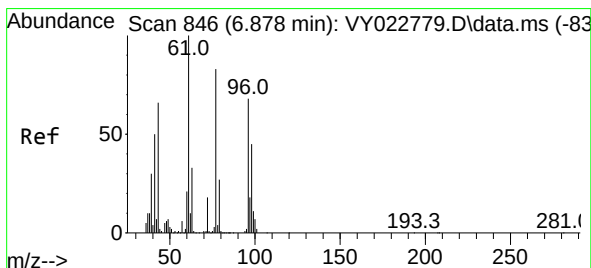
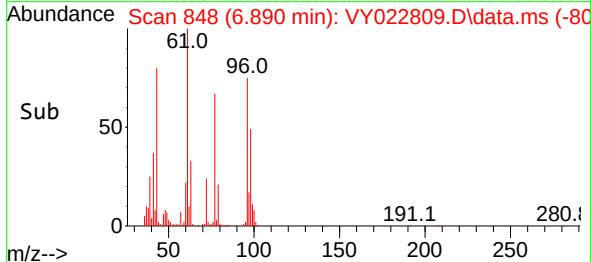
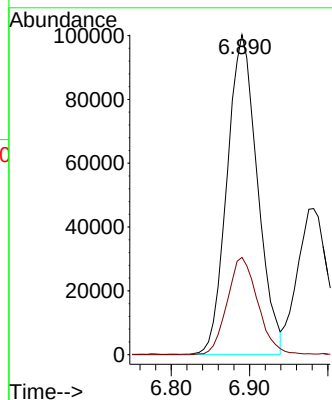
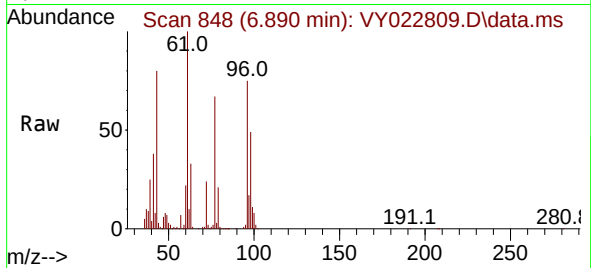




#25
2-Butanone
Concen: 225.079 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

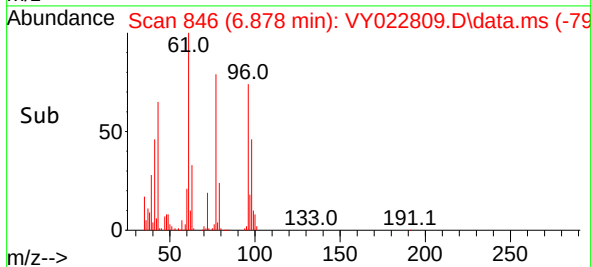
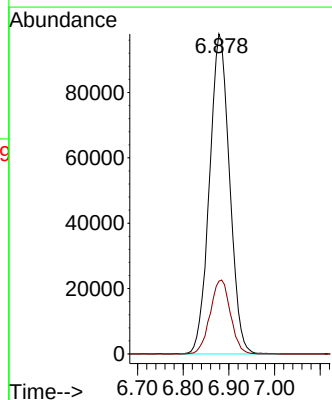
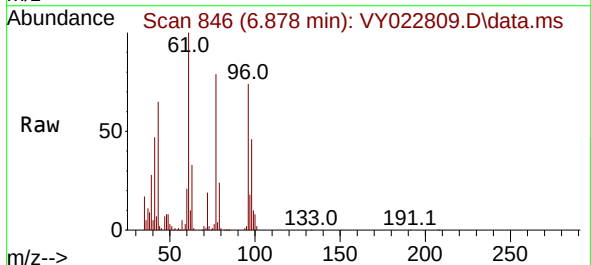
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

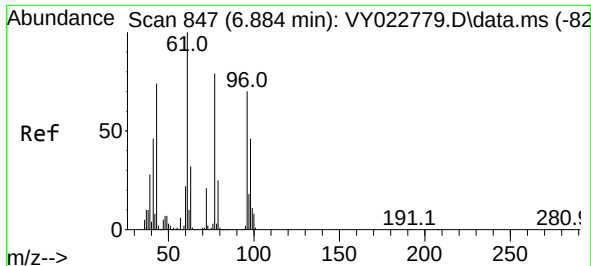
Tgt Ion: 43 Resp: 269881
Ion Ratio Lower Upper
43 100
72 30.4 22.9 34.3



#26
2,2-Dichloropropane
Concen: 43.756 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 77 Resp: 299156
Ion Ratio Lower Upper
77 100
97 23.3 11.4 34.2

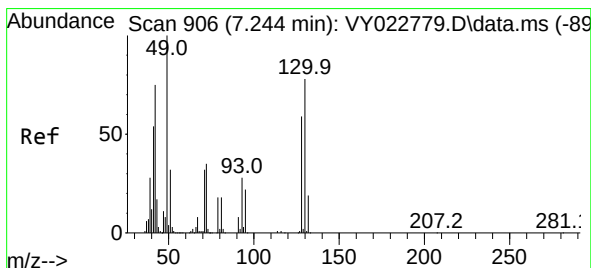
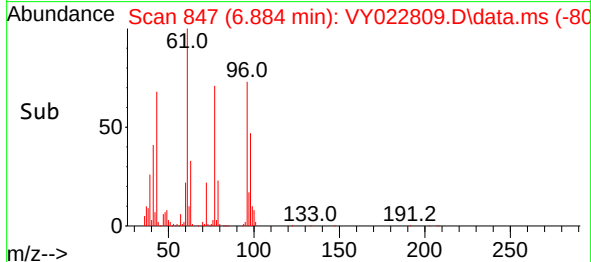
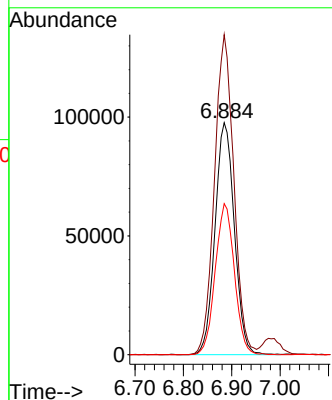
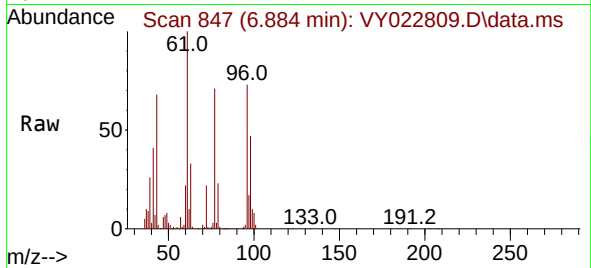




#27
 cis-1,2-Dichloroethene
 Concen: 51.735 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. -0.012 min
 Lab File: VY022809.D
 Acq: 24 Jun 2025 20:09

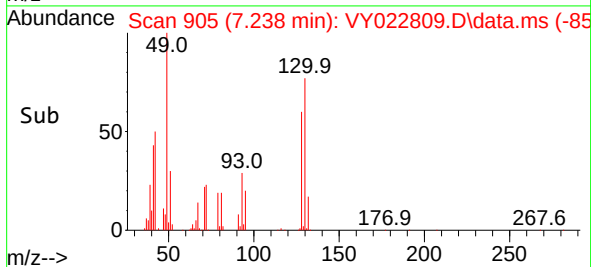
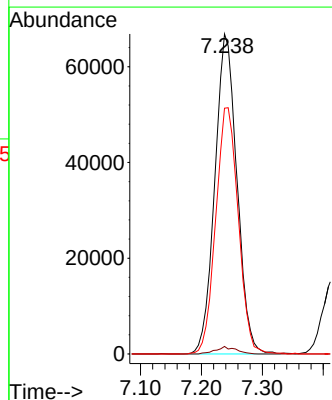
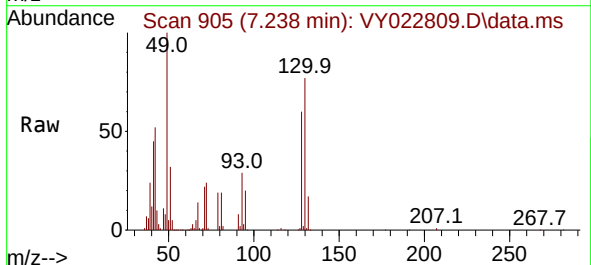
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

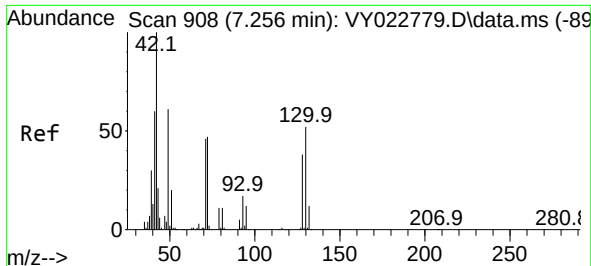
Tgt Ion: 96 Resp: 271597
 Ion Ratio Lower Upper
 96 100
 61 137.9 0.0 290.0
 98 64.5 0.0 128.4



#28
 Bromochloromethane
 Concen: 49.122 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.012 min
 Lab File: VY022809.D
 Acq: 24 Jun 2025 20:09

Tgt Ion: 49 Resp: 168438
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.6
 130 78.5 55.7 83.5





#29

Tetrahydrofuran

Concen: 243.614 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

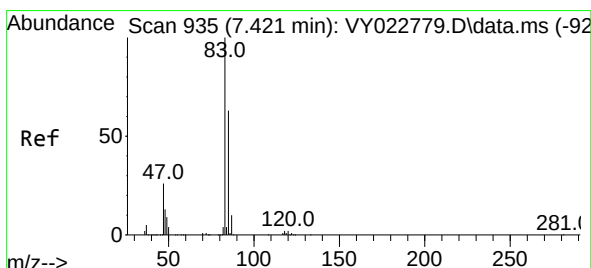
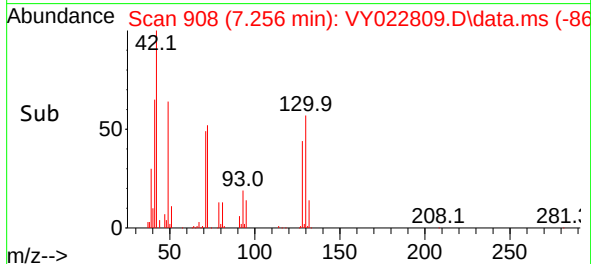
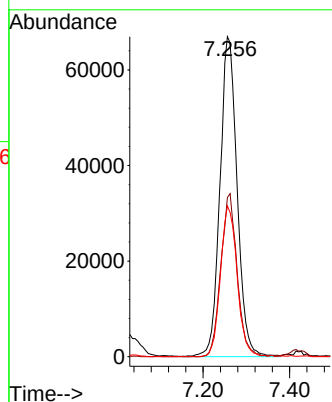
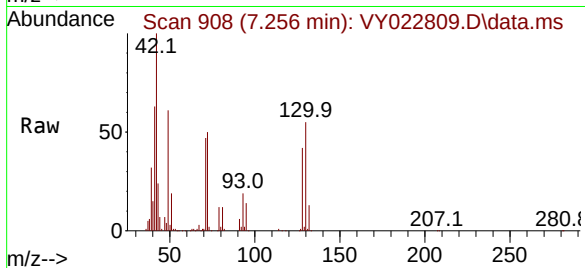
Tgt Ion: 42 Resp: 184449

Ion Ratio Lower Upper

42 100

72 48.4 37.4 56.2

71 45.6 34.2 51.2



#30

Chloroform

Concen: 51.127 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY022809.D

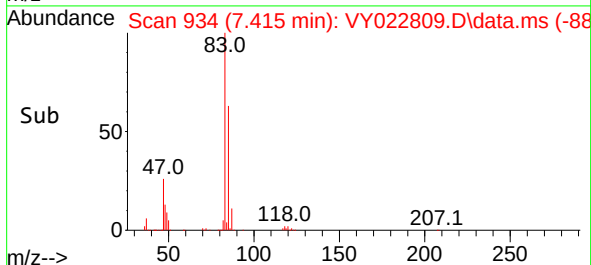
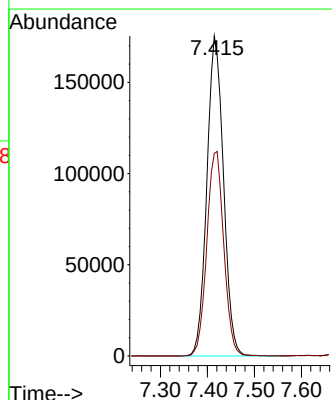
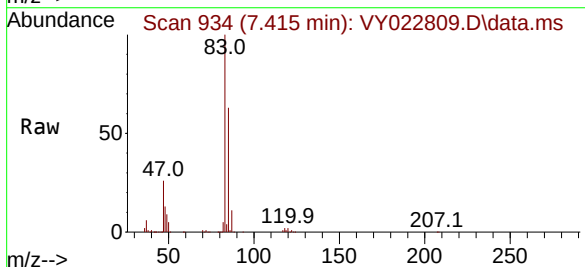
Acq: 24 Jun 2025 20:09

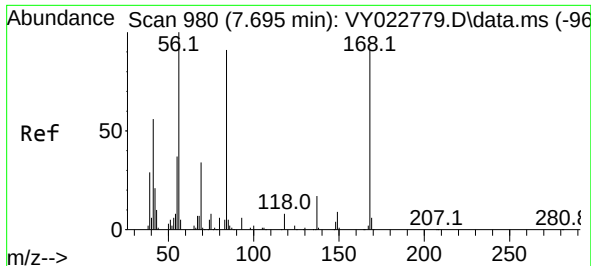
Tgt Ion: 83 Resp: 429492

Ion Ratio Lower Upper

83 100

85 63.3 54.2 81.4

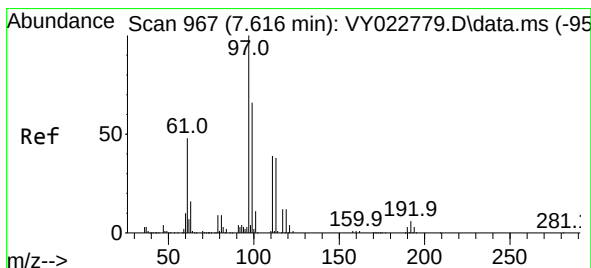
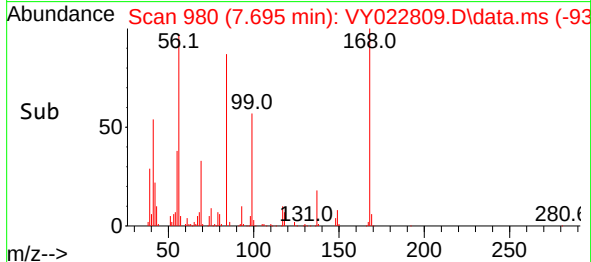
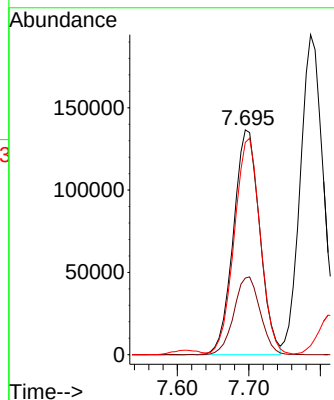
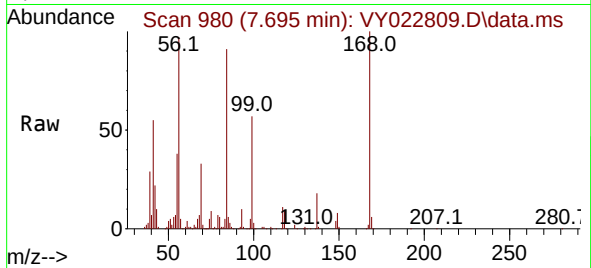




#31
Cyclohexane
Concen: 46.580 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

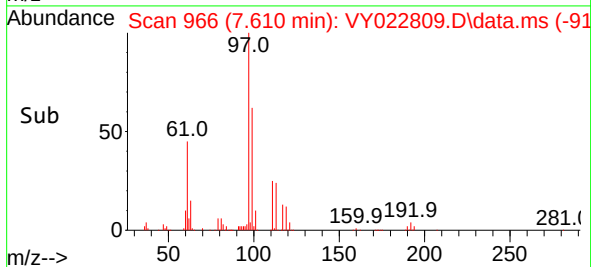
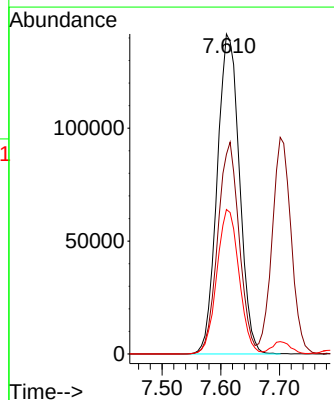
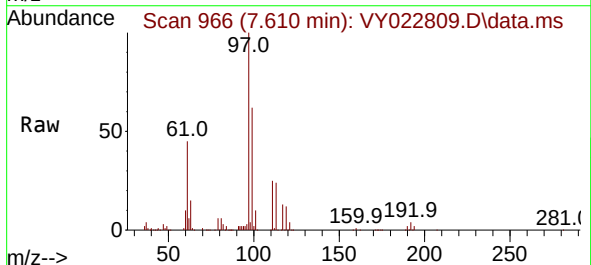
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

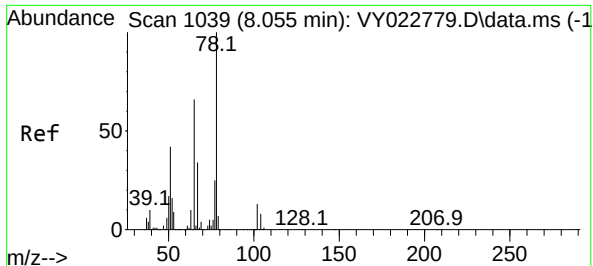
Tgt Ion: 56 Resp: 348739
Ion Ratio Lower Upper
56 100
69 34.1 27.0 40.6
84 92.6 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 51.369 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 97 Resp: 372906
Ion Ratio Lower Upper
97 100
99 63.7 50.9 76.3
61 45.2 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 49.875 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

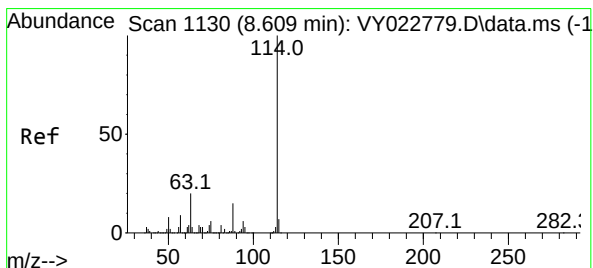
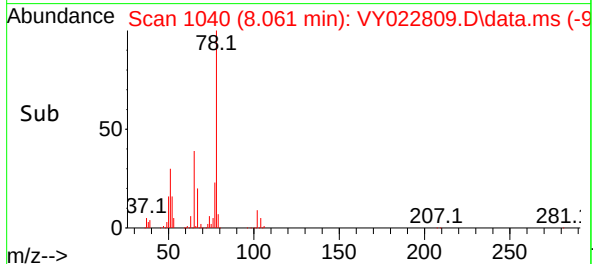
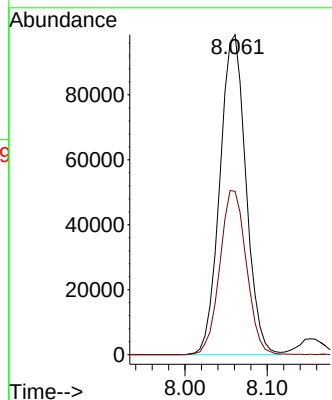
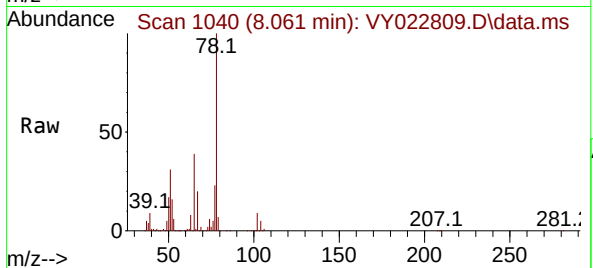
VSTDCCC050EC

Tgt Ion: 65 Resp: 217395

Ion Ratio Lower Upper

65 100

67 52.4 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: VY022809.D

Acq: 24 Jun 2025 20:09

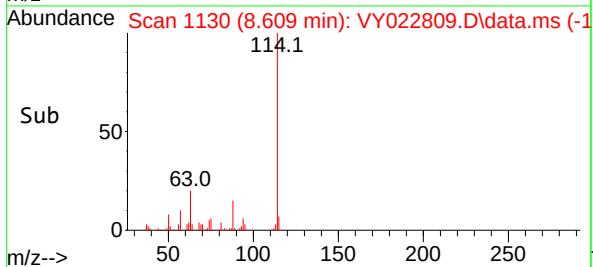
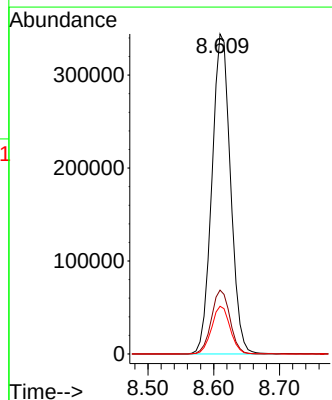
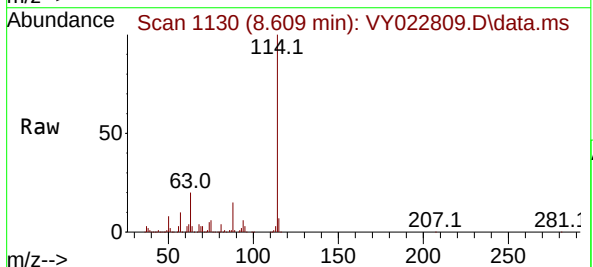
Tgt Ion:114 Resp: 677272

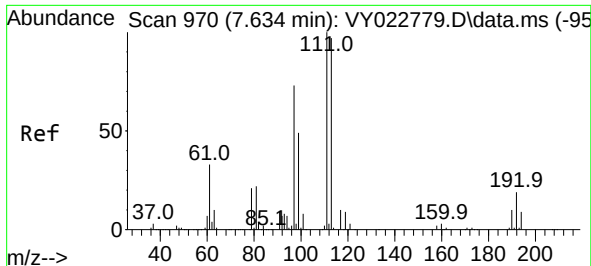
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 14.9 0.0 27.8

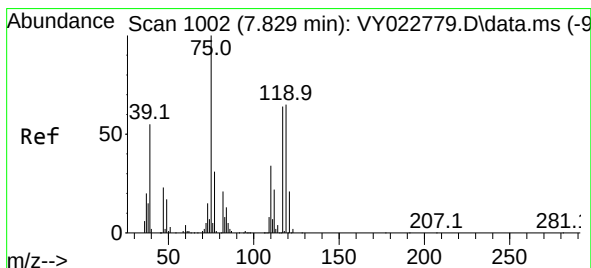
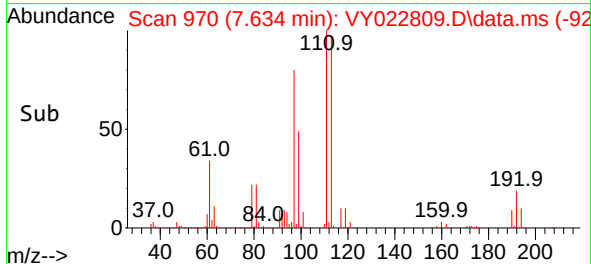
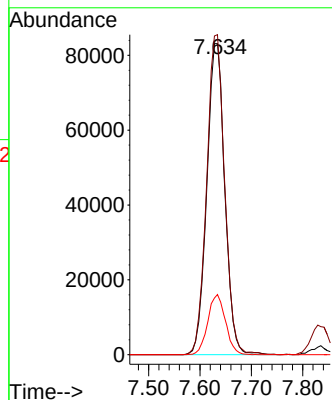
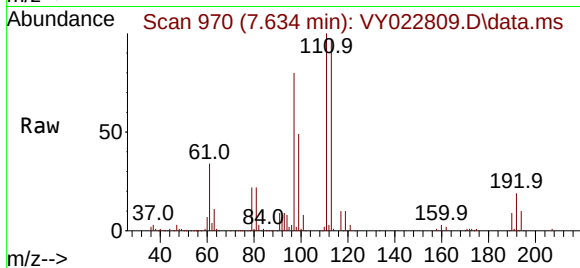




#35
Dibromofluoromethane
Concen: 48.843 ug/l
RT: 7.634 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

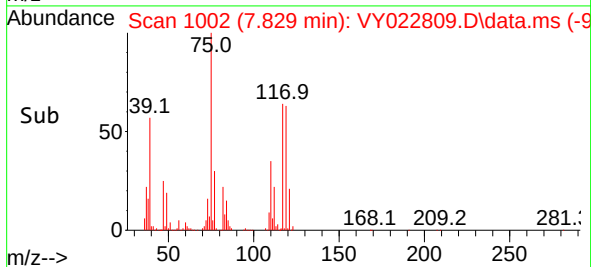
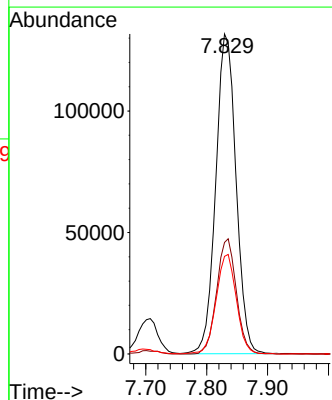
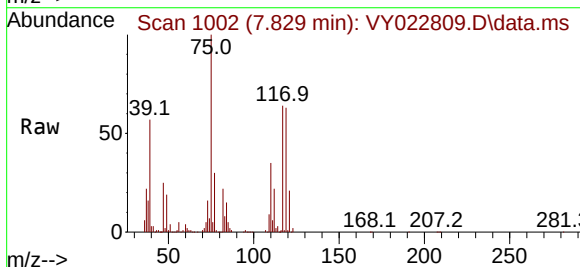
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

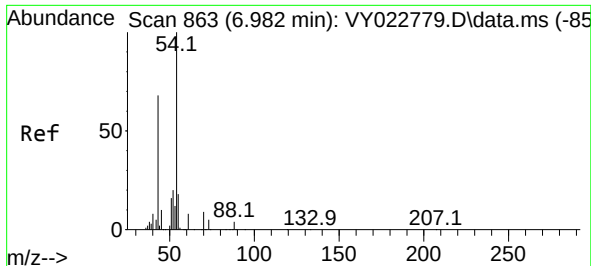
Tgt Ion:113 Resp: 201177
Ion Ratio Lower Upper
113 100
111 103.4 81.1 121.7
192 19.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 48.801 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 75 Resp: 304672
Ion Ratio Lower Upper
75 100
110 34.9 16.9 50.7
77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 48.132 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

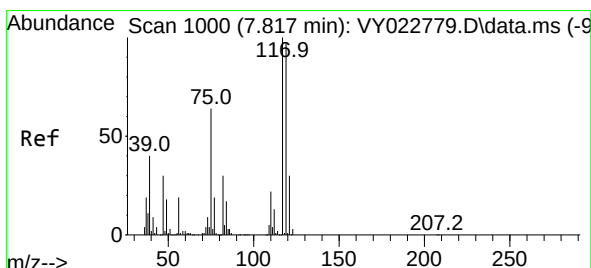
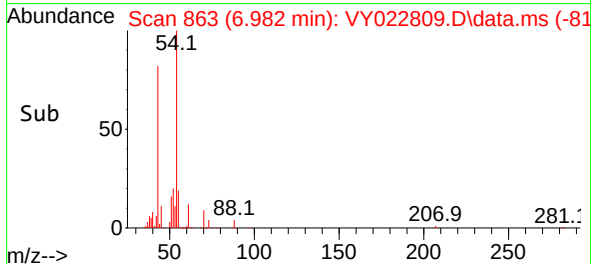
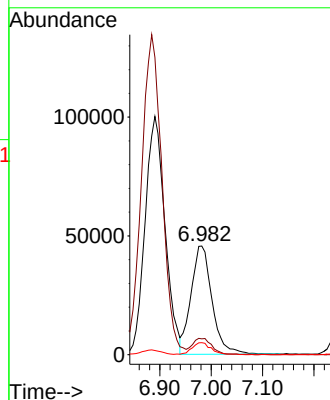
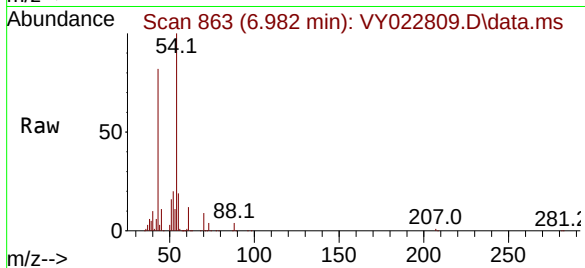
Tgt Ion: 43 Resp: 129670

Ion Ratio Lower Upper

43 100

61 13.6 11.5 17.3

70 10.3 7.2 10.8



#38

Carbon Tetrachloride

Concen: 48.519 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

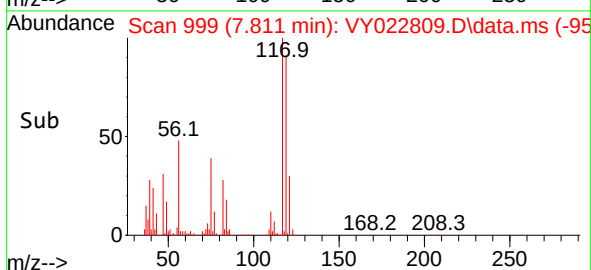
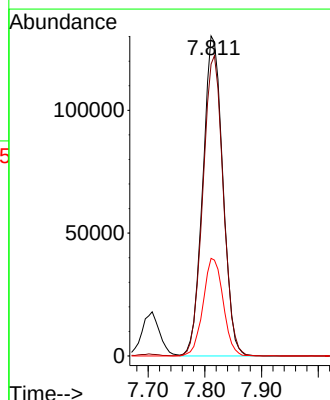
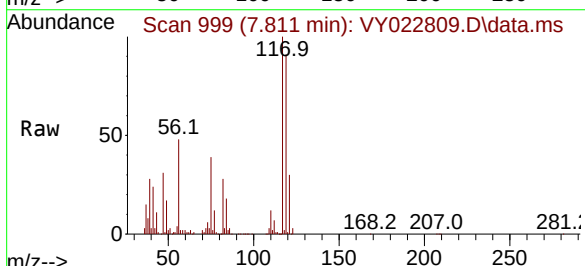
Tgt Ion: 117 Resp: 319614

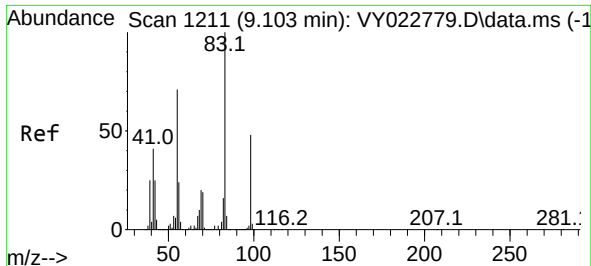
Ion Ratio Lower Upper

117 100

119 91.2 75.0 112.6

121 30.5 25.0 37.4





#39

Methylcyclohexane

Concen: 48.381 ug/l

RT: 9.103 min Scan# 1211

Delta R.T. -0.012 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

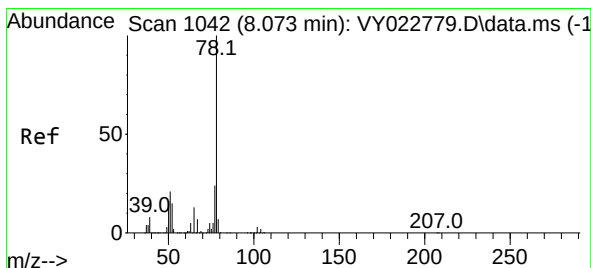
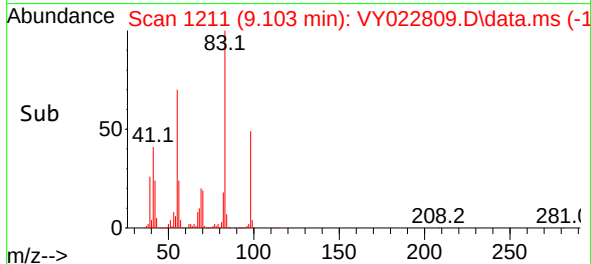
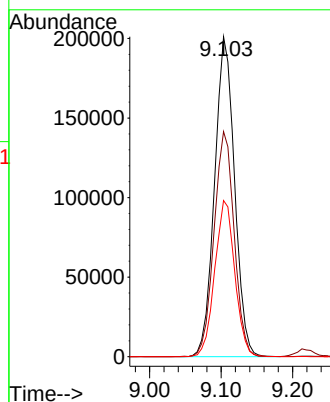
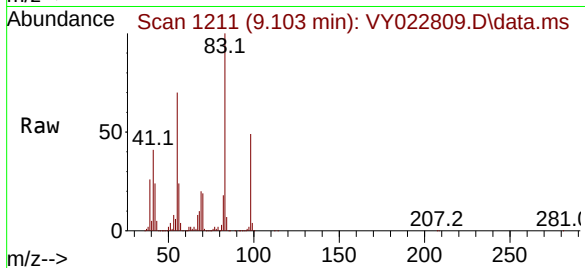
Tgt Ion: 83 Resp: 390881

Ion Ratio Lower Upper

83 100

55 70.3 58.1 87.1

98 48.8 39.0 58.6



#40

Benzene

Concen: 50.133 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.012 min

Lab File: VY022809.D

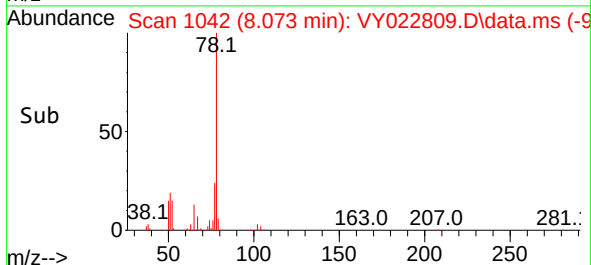
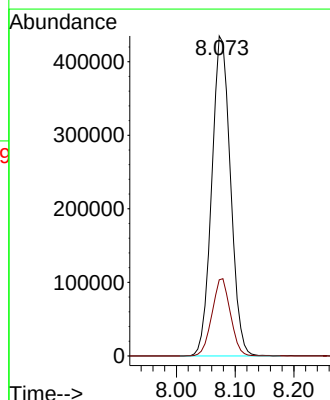
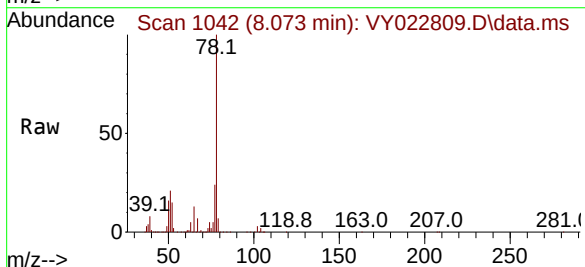
Acq: 24 Jun 2025 20:09

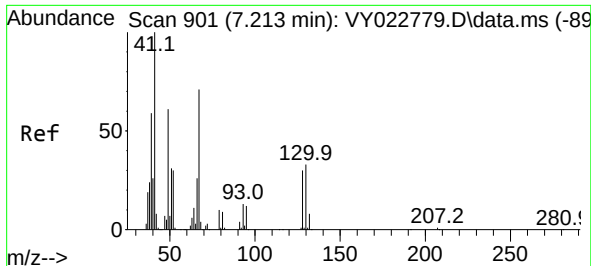
Tgt Ion: 78 Resp: 962290

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9



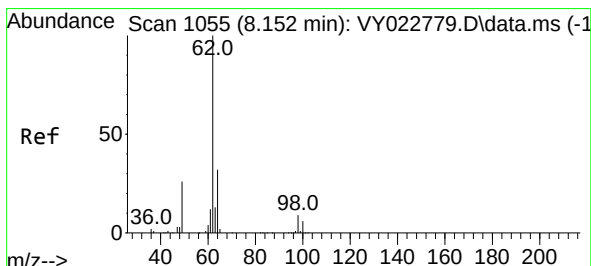
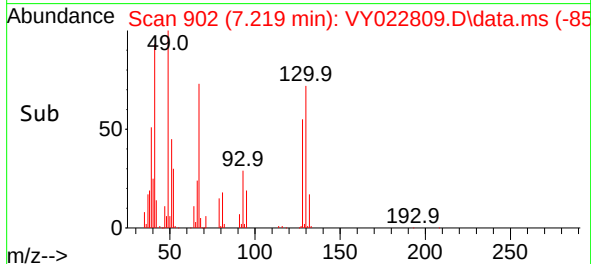
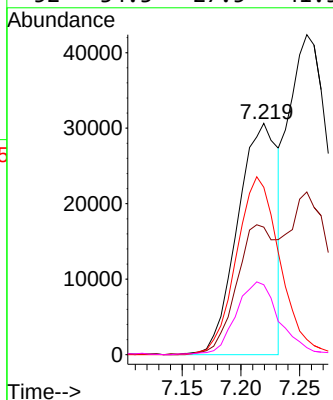
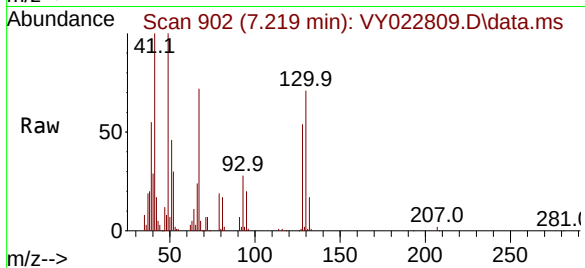


#41
Methacrylonitrile
Concen: 43.945 ug/l
RT: 7.219 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 72883

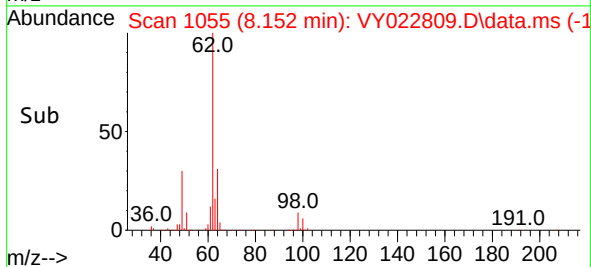
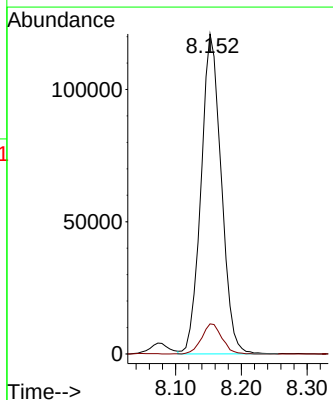
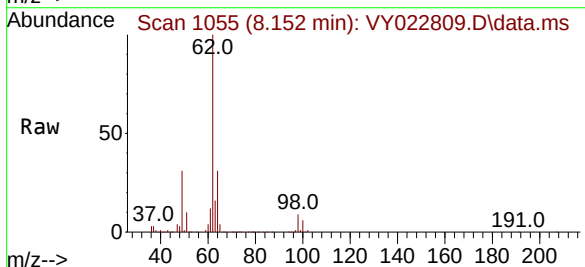
Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.6	69.8
67	84.0	63.3	94.9
52	34.3	27.5	41.3

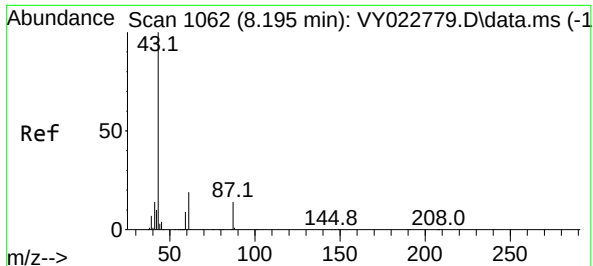


#42
1,2-Dichloroethane
Concen: 49.183 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 62 Resp: 258701

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2





#43

Isopropyl Acetate

Concen: 47.679 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

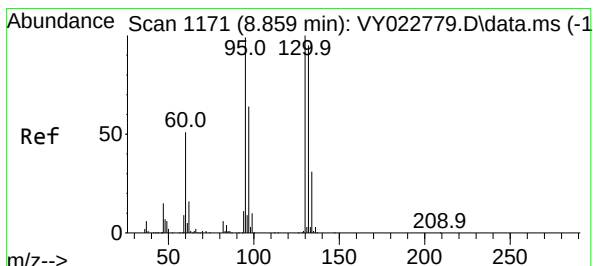
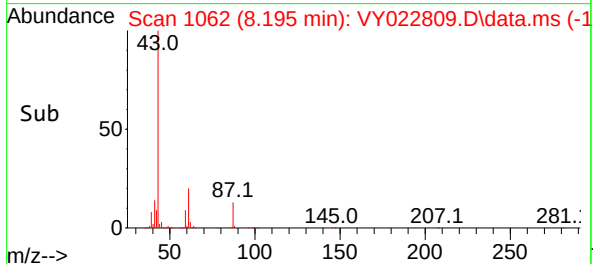
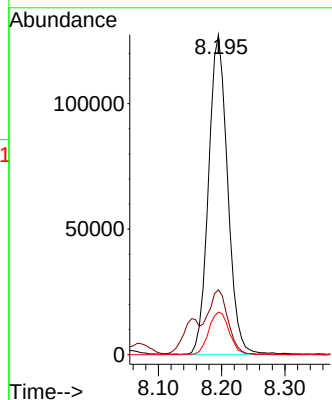
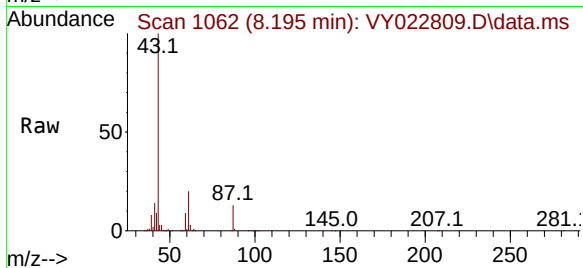
Tgt Ion: 43 Resp: 266963

Ion Ratio Lower Upper

43 100

61 22.1 15.6 23.4

87 14.3 10.2 15.4



#44

Trichloroethene

Concen: 51.135 ug/l

RT: 8.859 min Scan# 1171

Delta R.T. -0.006 min

Lab File: VY022809.D

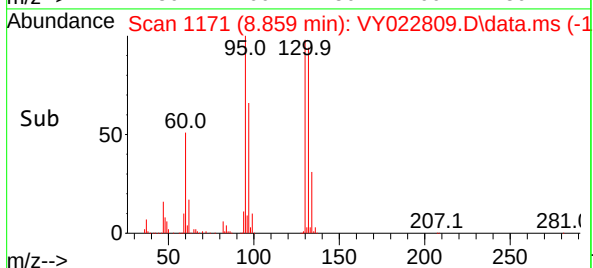
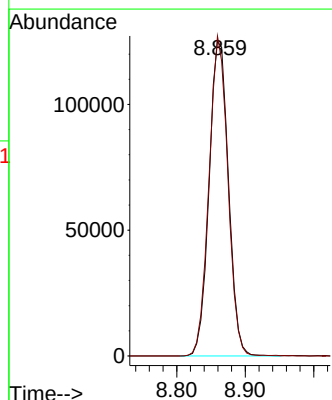
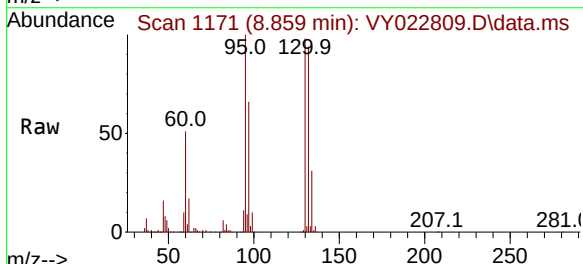
Acq: 24 Jun 2025 20:09

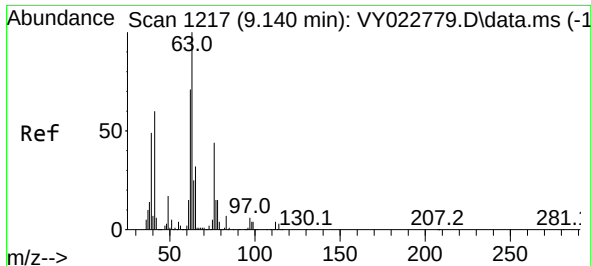
Tgt Ion:130 Resp: 246433

Ion Ratio Lower Upper

130 100

95 101.8 0.0 203.0





#45

1,2-Dichloropropane

Concen: 49.218 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

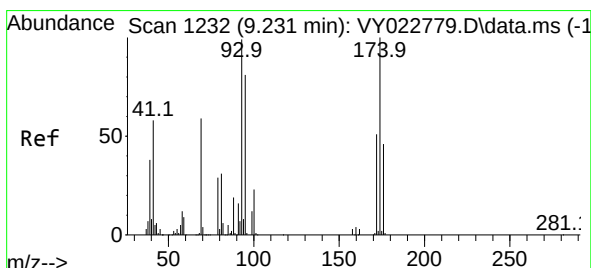
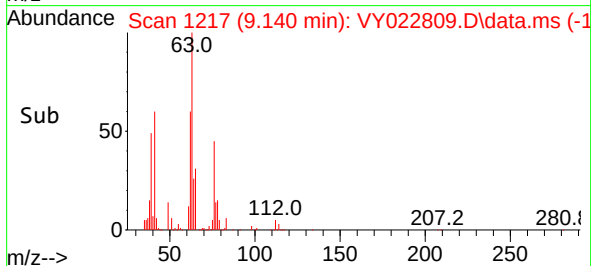
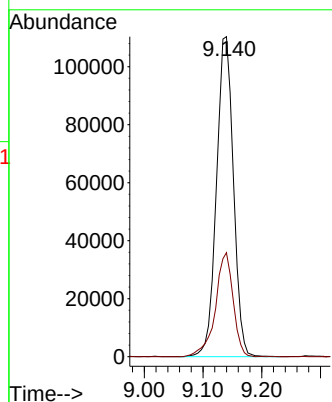
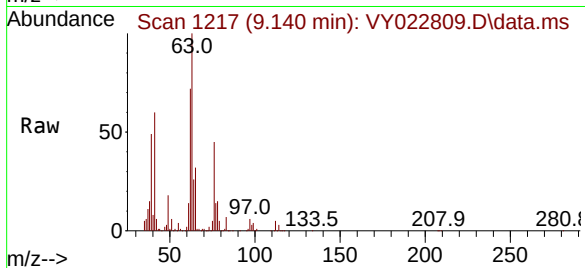
VSTDCCC050EC

Tgt Ion: 63 Resp: 221107

Ion Ratio Lower Upper

63 100

65 32.5 24.0 36.0



#46

Dibromomethane

Concen: 49.064 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

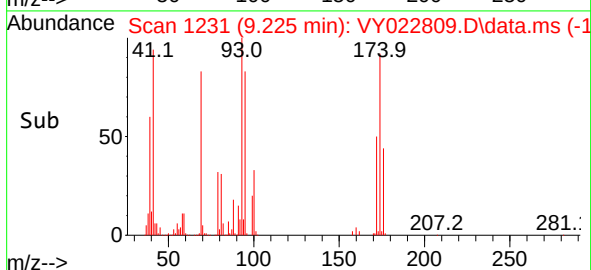
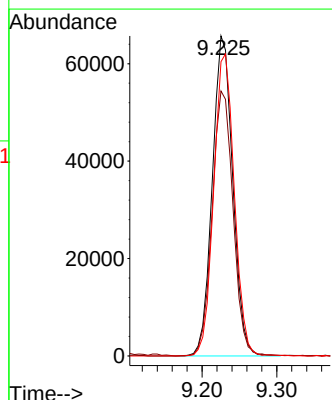
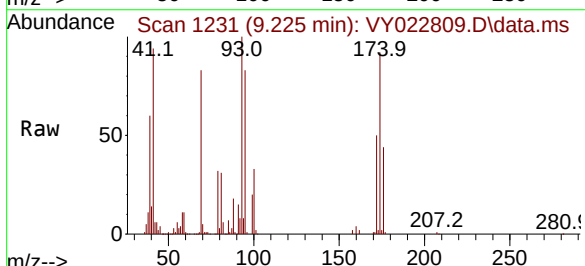
Tgt Ion: 93 Resp: 125126

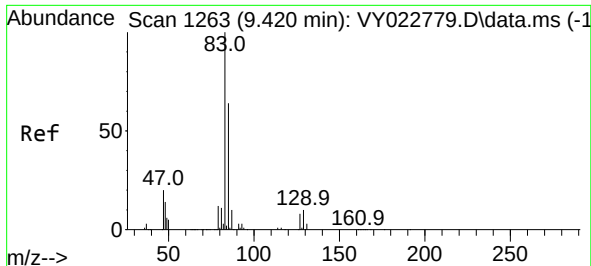
Ion Ratio Lower Upper

93 100

95 84.8 65.6 98.4

174 94.8 70.4 105.6





#47

Bromodichloromethane

Concen: 50.432 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

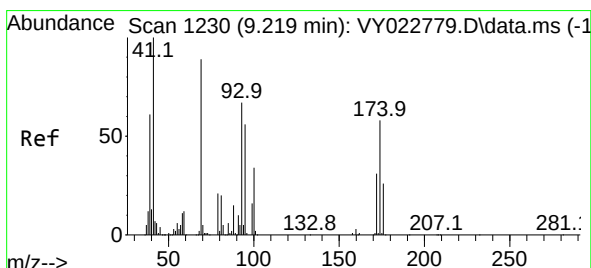
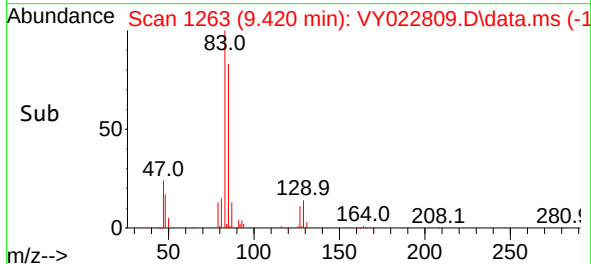
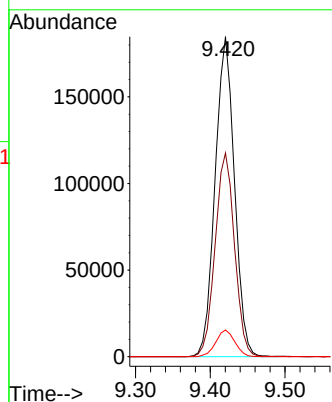
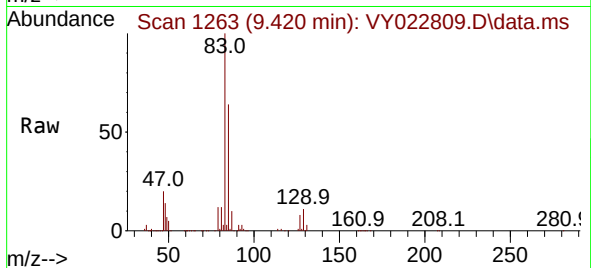
Tgt Ion: 83 Resp: 331653

Ion Ratio Lower Upper

83 100

85 63.6 49.1 73.7

127 8.3 6.2 9.4



#48

Methyl methacrylate

Concen: 47.790 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

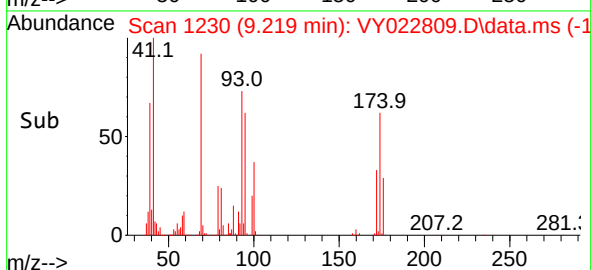
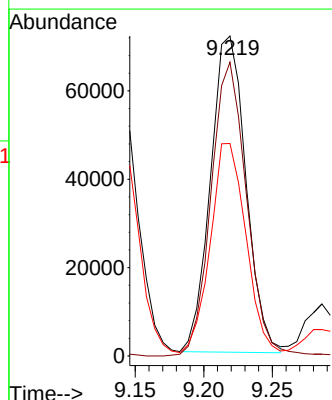
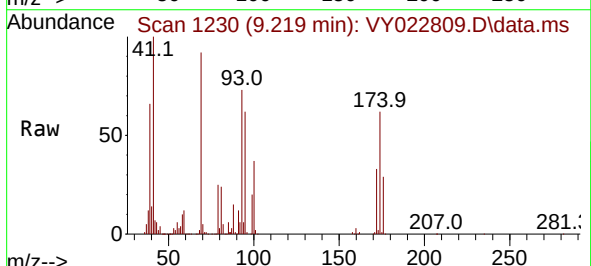
Tgt Ion: 41 Resp: 128638

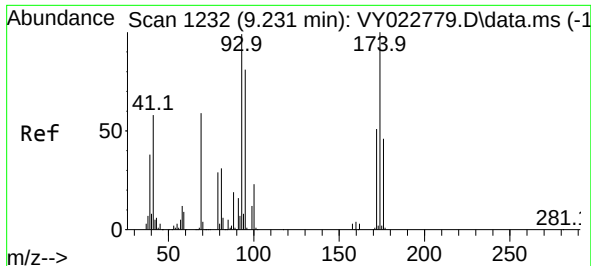
Ion Ratio Lower Upper

41 100

69 93.6 67.8 101.8

39 66.3 55.0 82.4





#49

1,4-Dioxane

Concen: 972.753 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.018 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

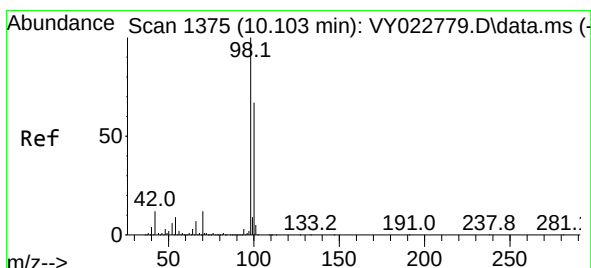
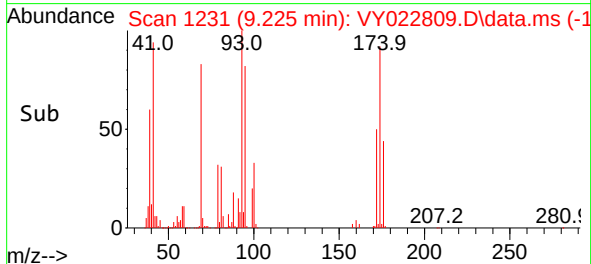
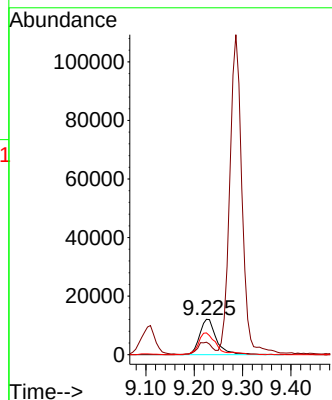
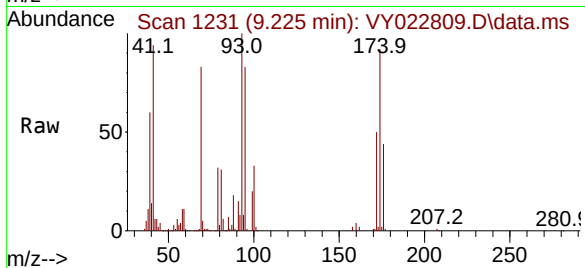
Tgt Ion: 88 Resp: 29309

Ion Ratio Lower Upper

88 100

43 28.9 25.4 38.2

58 61.2 54.9 82.3



#50

Toluene-d8

Concen: 49.743 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022809.D

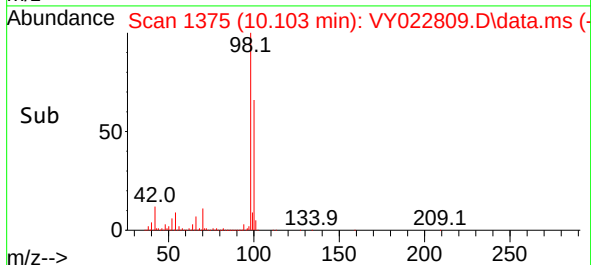
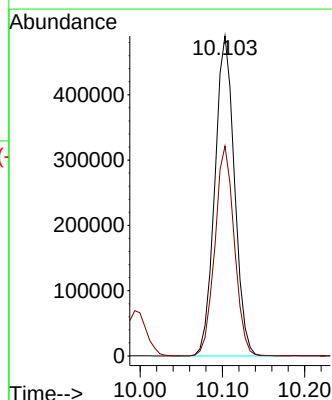
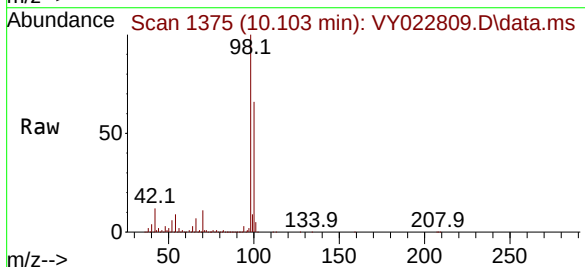
Acq: 24 Jun 2025 20:09

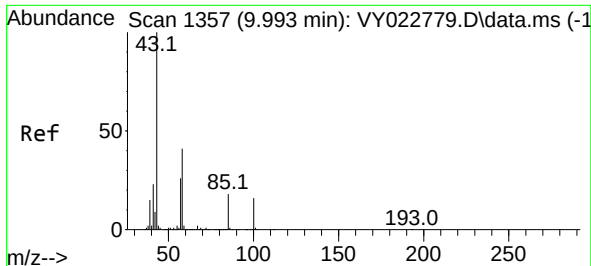
Tgt Ion: 98 Resp: 813004

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 244.397 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

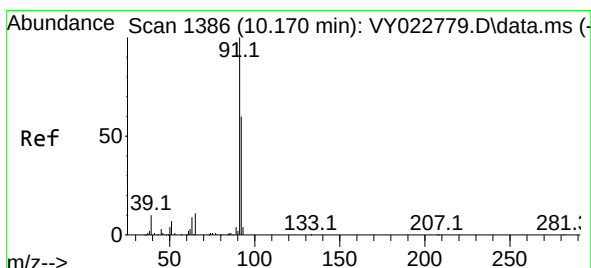
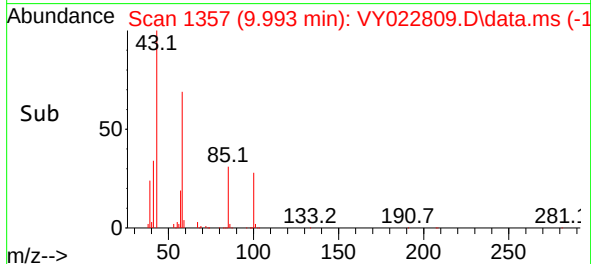
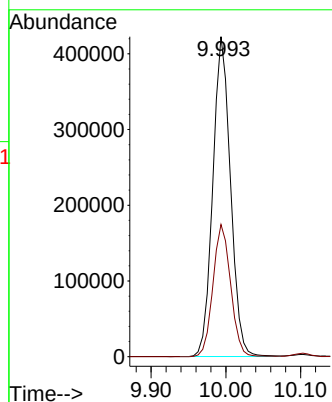
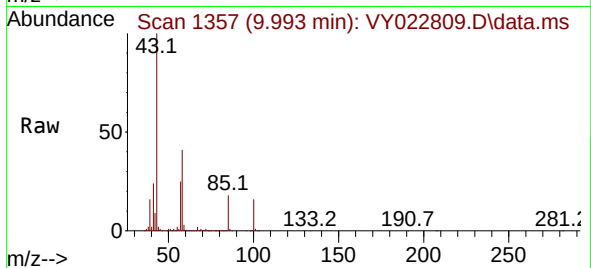
VSTDCCC050EC

Tgt Ion: 43 Resp: 695401

Ion Ratio Lower Upper

43 100

58 41.3 30.4 45.6



#52

Toluene

Concen: 50.881 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. -0.012 min

Lab File: VY022809.D

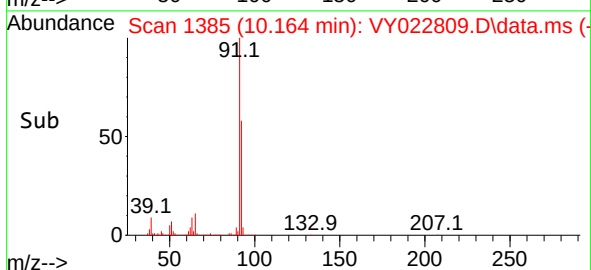
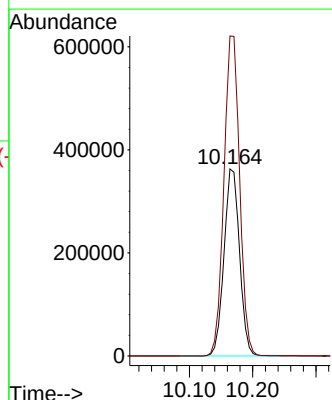
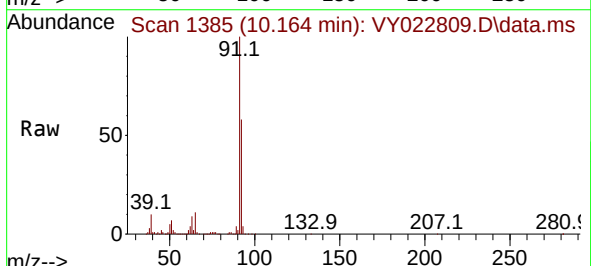
Acq: 24 Jun 2025 20:09

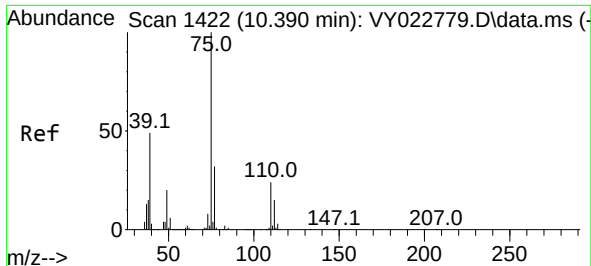
Tgt Ion: 92 Resp: 616155

Ion Ratio Lower Upper

92 100

91 173.2 139.0 208.4

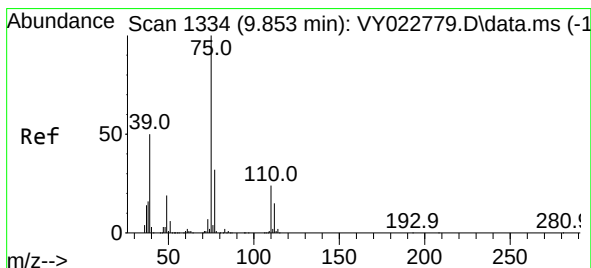
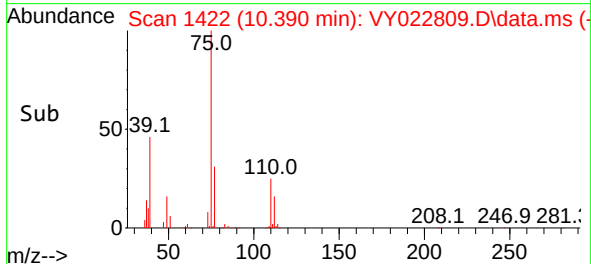
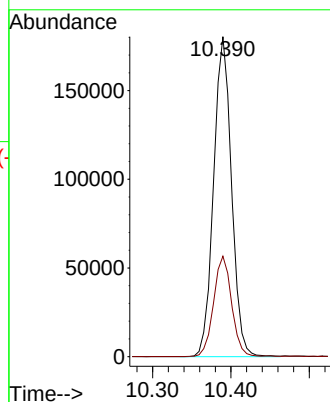
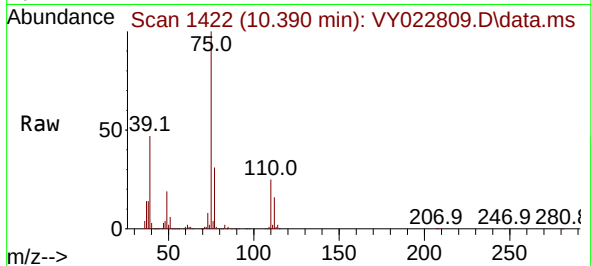




#53
t-1,3-Dichloropropene
Concen: 48.403 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

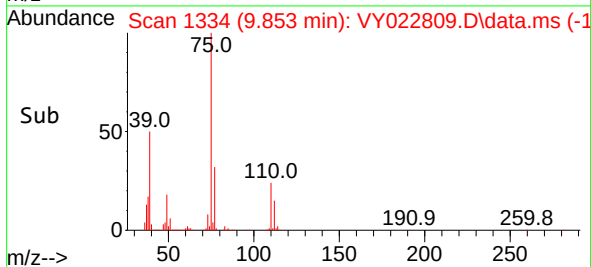
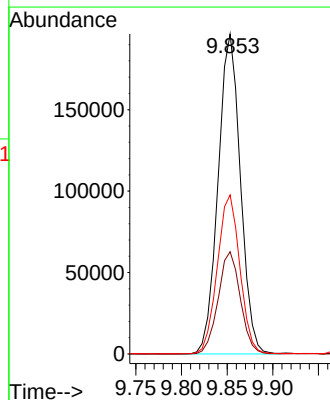
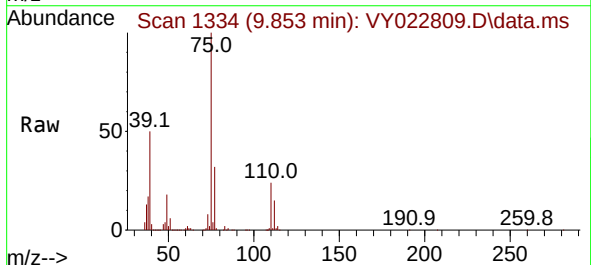
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

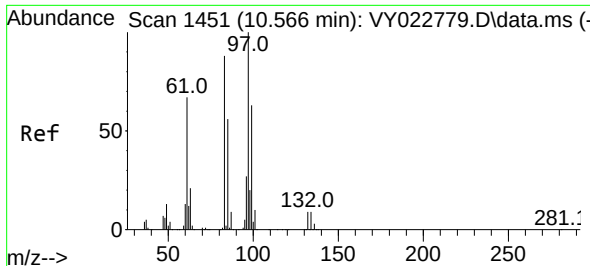
Tgt Ion: 75 Resp: 286394
Ion Ratio Lower Upper
75 100
77 31.4 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 48.707 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 75 Resp: 334160
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 49.6 42.7 64.1



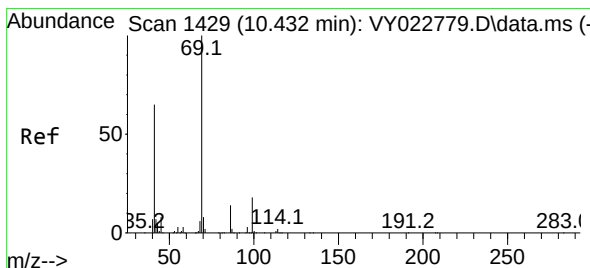
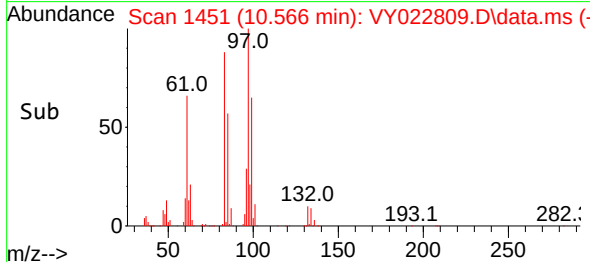
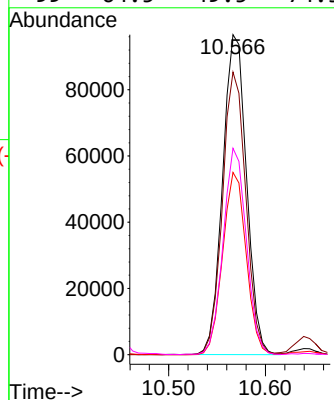
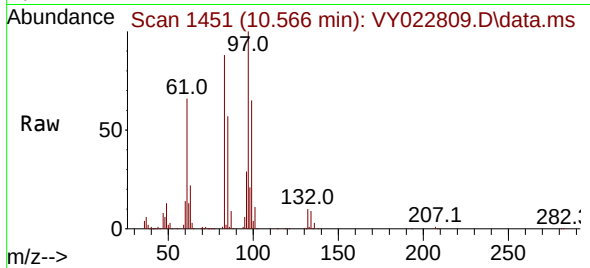


#55
1,1,2-Trichloroethane
Concen: 50.112 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 165483

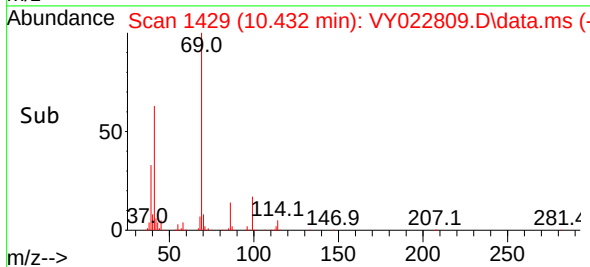
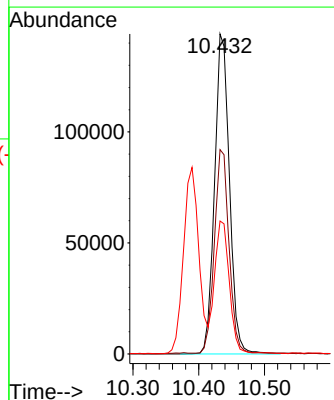
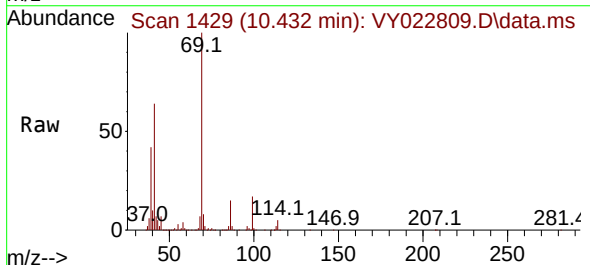
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.1	102.1
85	57.0	48.2	72.2
99	64.5	49.5	74.3

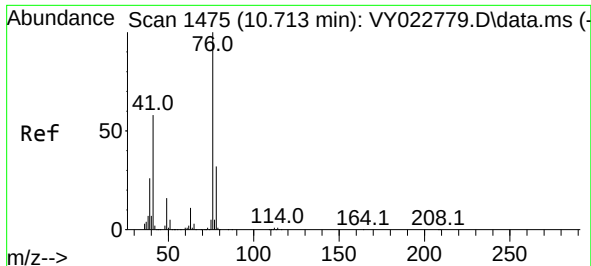


#56
Ethyl methacrylate
Concen: 51.100 ug/l
RT: 10.432 min Scan# 1429
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 69 Resp: 227029

Ion	Ratio	Lower	Upper
69	100		
41	63.1	52.2	78.2
39	40.1	36.7	55.1





#57

1,3-Dichloropropane

Concen: 50.021 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

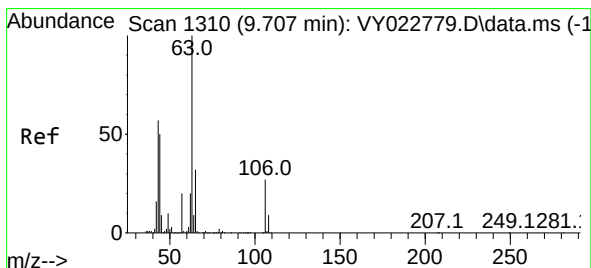
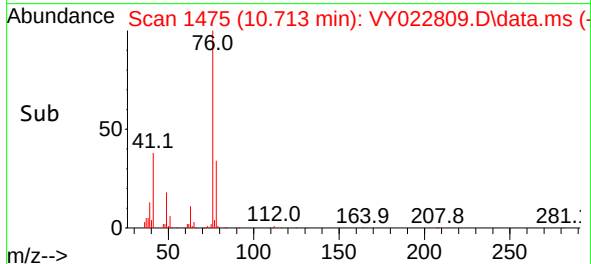
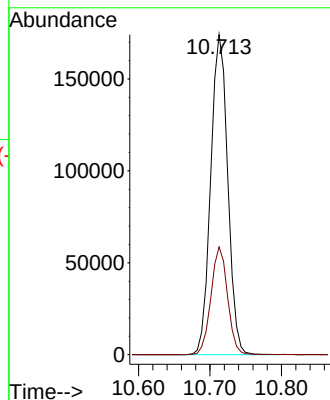
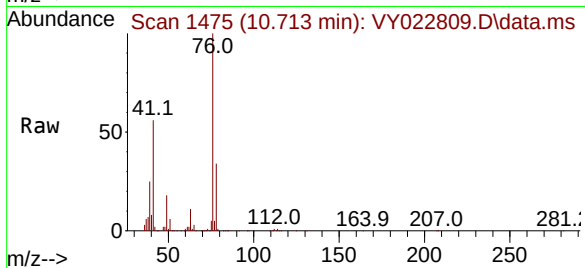
VSTDCCC050EC

Tgt Ion: 76 Resp: 288193

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 239.909 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022809.D

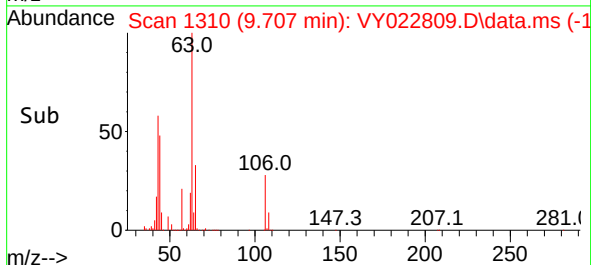
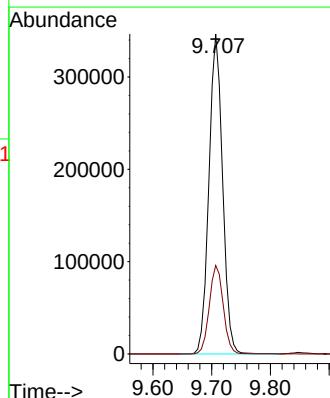
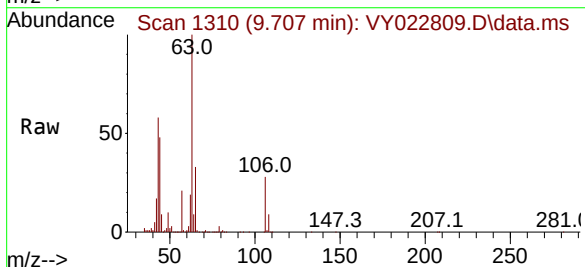
Acq: 24 Jun 2025 20:09

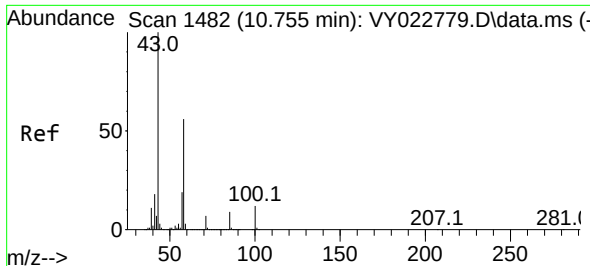
Tgt Ion: 63 Resp: 558636

Ion Ratio Lower Upper

63 100

106 28.2 21.6 32.4

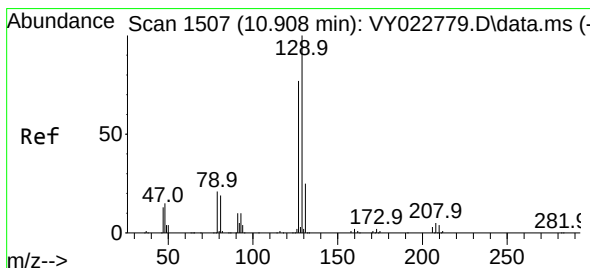
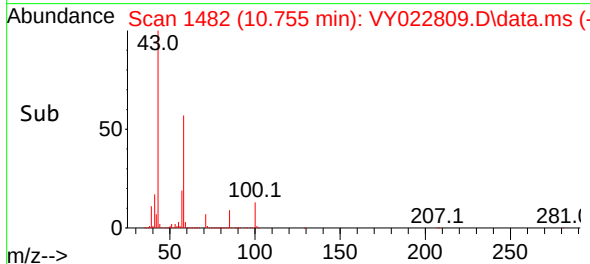
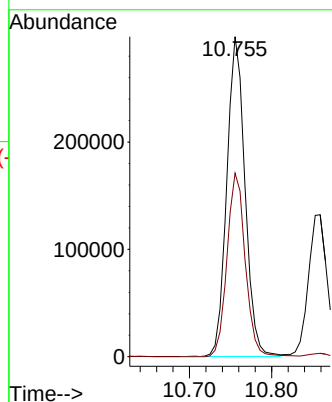
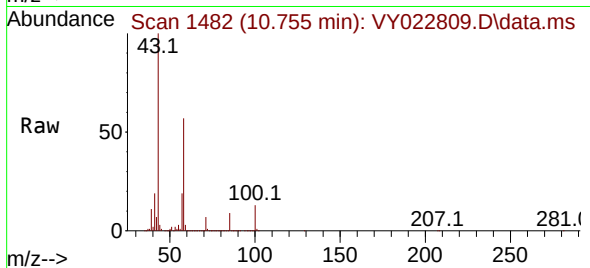




#59
2-Hexanone
Concen: 237.368 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

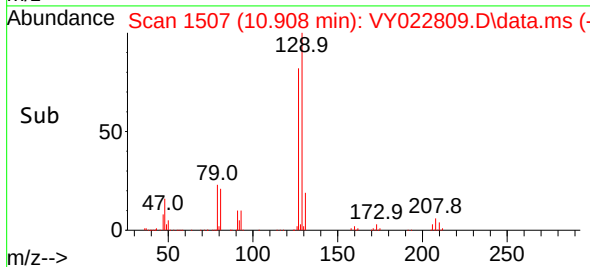
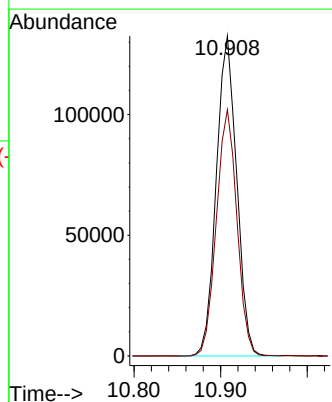
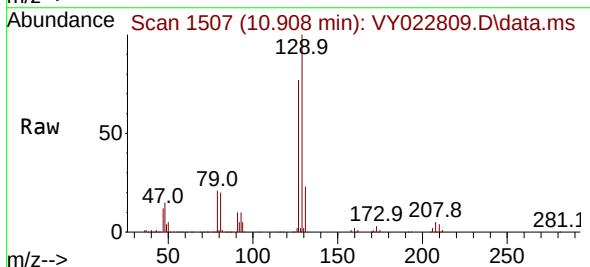
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

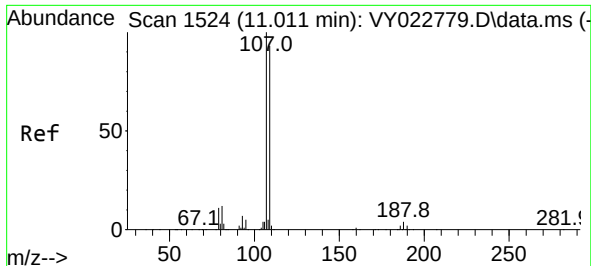
Tgt Ion: 43 Resp: 459189
Ion Ratio Lower Upper
43 100
58 57.6 27.3 81.8



#60
Dibromochloromethane
Concen: 50.767 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 129 Resp: 216544
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2

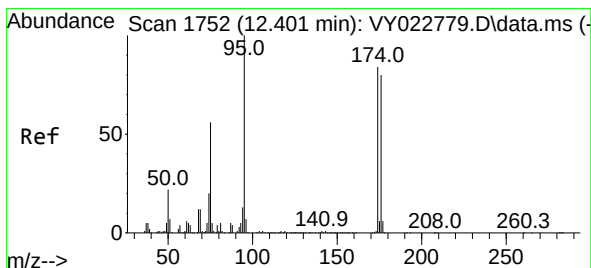
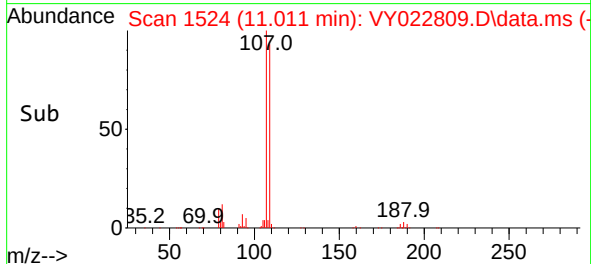
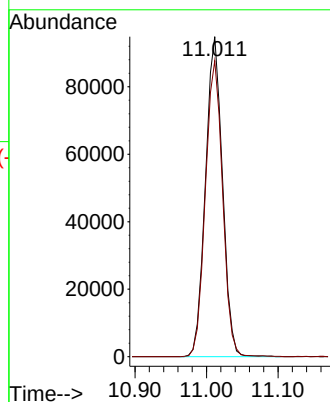
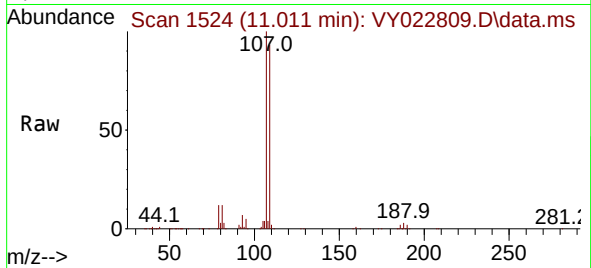




#61
1,2-Dibromoethane
Concen: 50.709 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

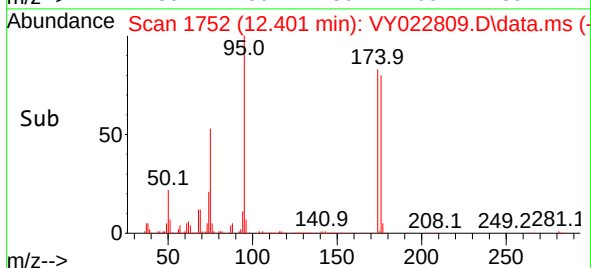
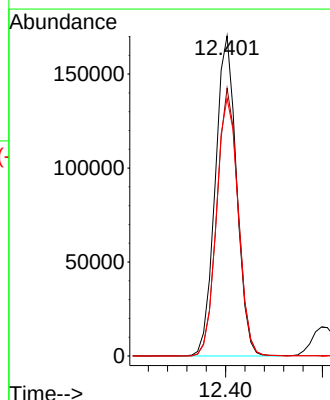
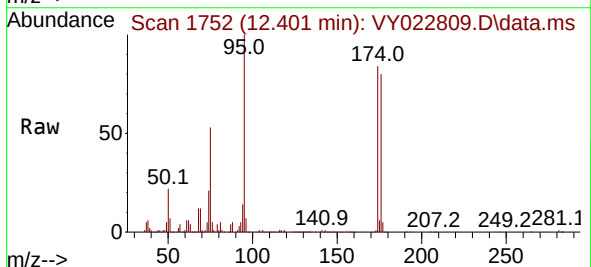
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

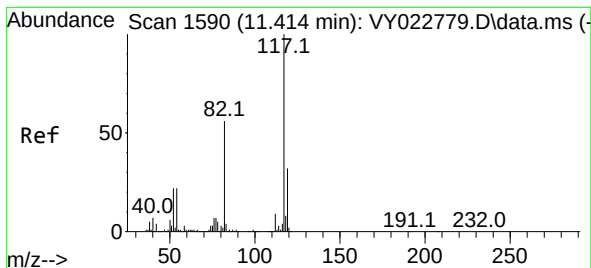
Tgt Ion:107 Resp: 156701
Ion Ratio Lower Upper
107 100
109 93.5 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 49.337 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 95 Resp: 259221
Ion Ratio Lower Upper
95 100
174 83.7 0.0 170.0
176 82.5 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: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

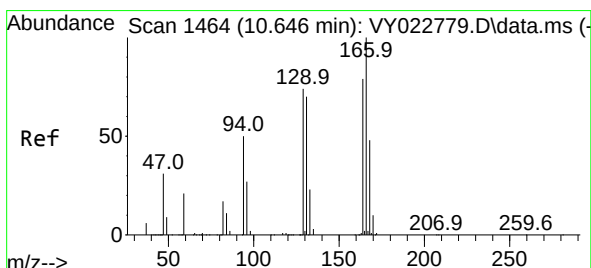
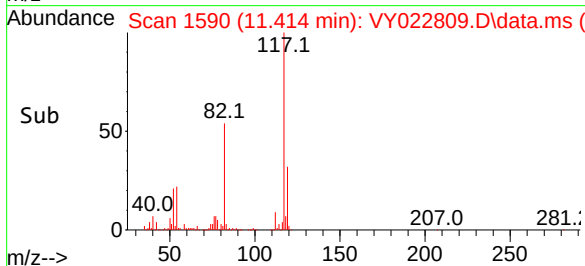
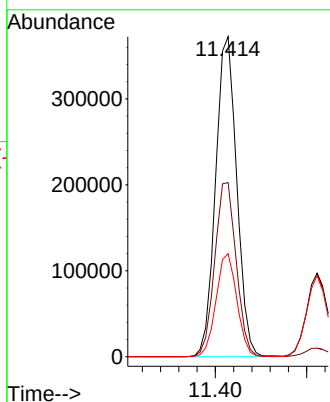
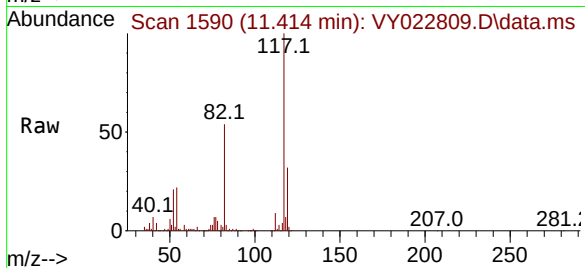
Tgt Ion:117 Resp: 598576

Ion Ratio Lower Upper

117 100

82 54.4 44.6 66.8

119 32.2 25.4 38.0



#64

Tetrachloroethene

Concen: 53.757 ug/l

RT: 10.640 min Scan# 1463

Delta R.T. -0.012 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Tgt Ion:164 Resp: 303985

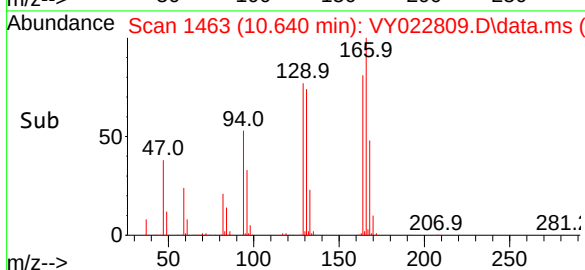
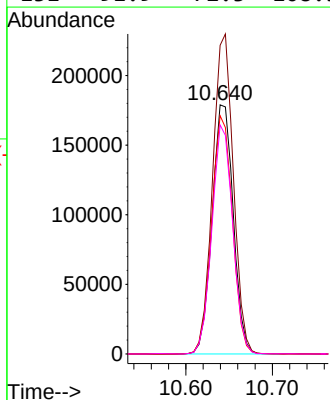
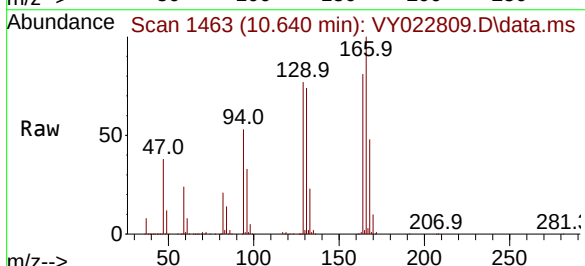
Ion Ratio Lower Upper

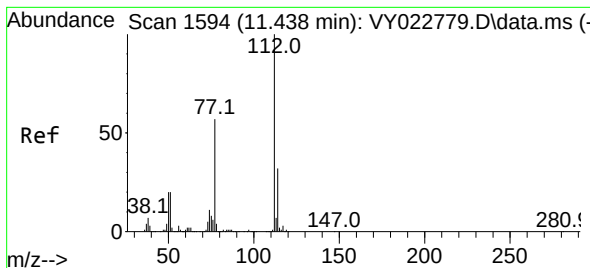
164 100

166 123.9 104.0 156.0

129 95.6 74.5 111.7

131 91.9 72.3 108.5





#65

Chlorobenzene

Concen: 49.834 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

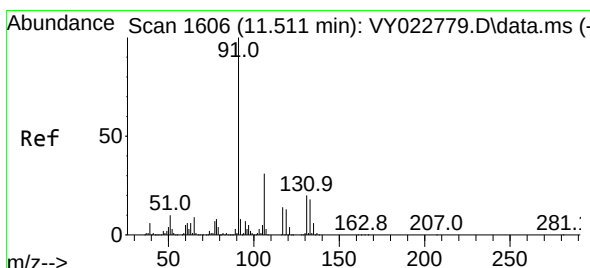
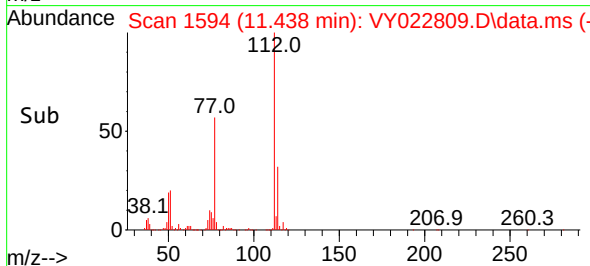
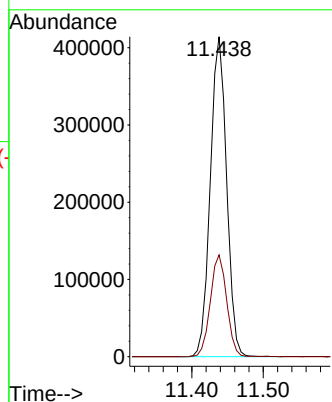
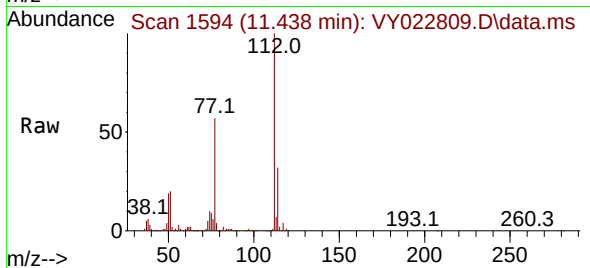
VSTDCCC050EC

Tgt Ion:112 Resp: 655447

Ion Ratio Lower Upper

112 100

114 31.8 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.696 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

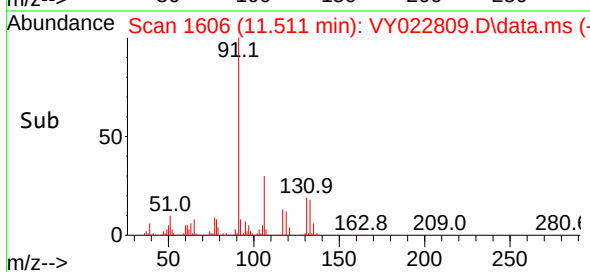
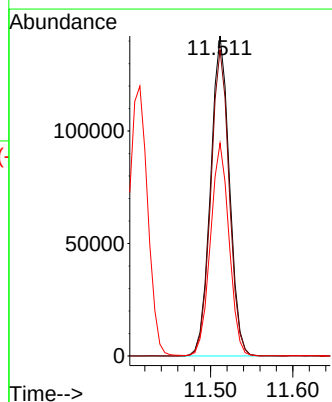
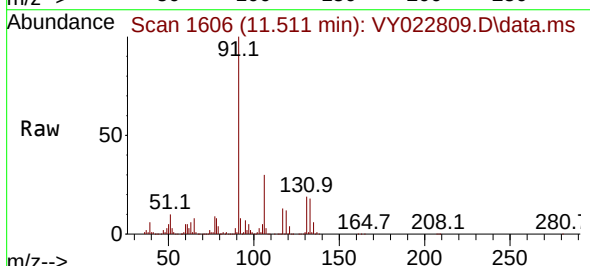
Tgt Ion:131 Resp: 225843

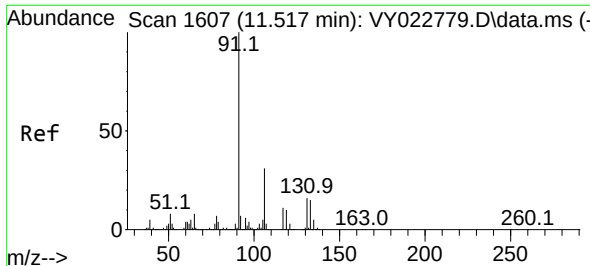
Ion Ratio Lower Upper

131 100

133 94.1 47.3 141.8

119 65.8 33.1 99.3





#67

Ethyl Benzene

Concen: 50.645 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

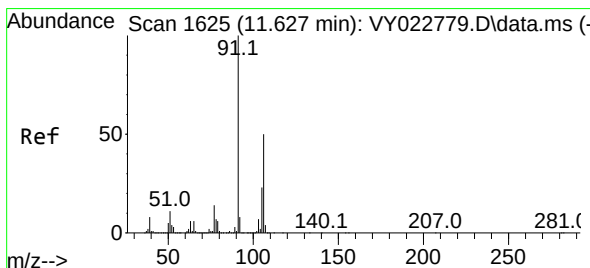
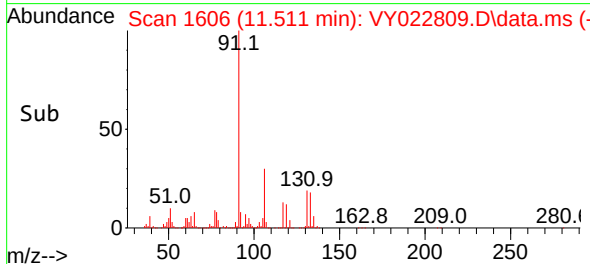
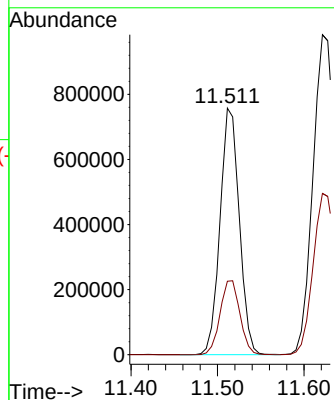
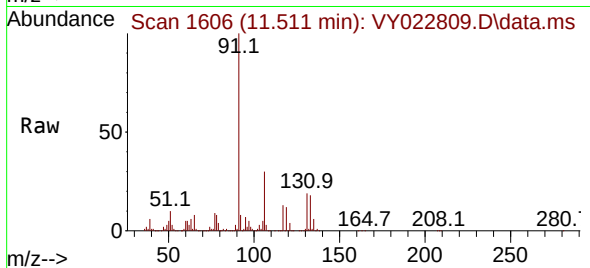
VSTDCCC050EC

Tgt Ion: 91 Resp: 1170369

Ion Ratio Lower Upper

91 100

106 29.8 24.2 36.4



#68

m/p-Xylenes

Concen: 102.035 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.012 min

Lab File: VY022809.D

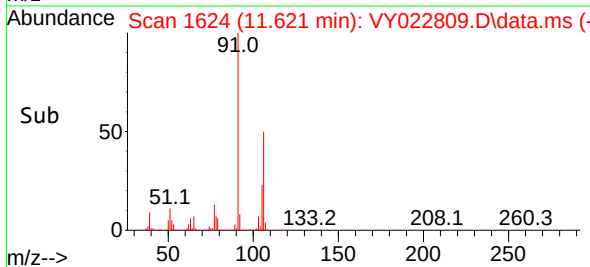
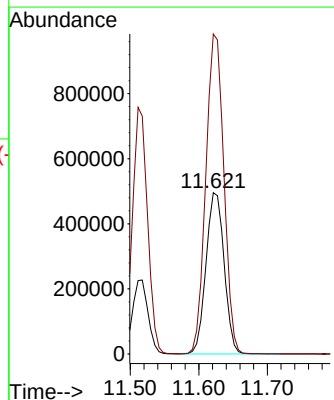
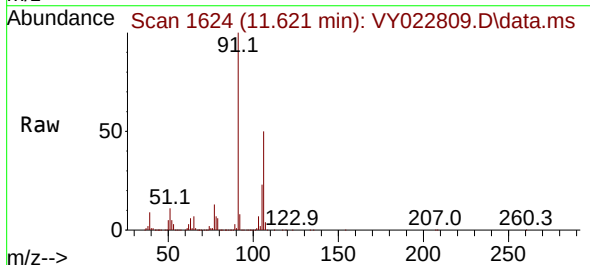
Acq: 24 Jun 2025 20:09

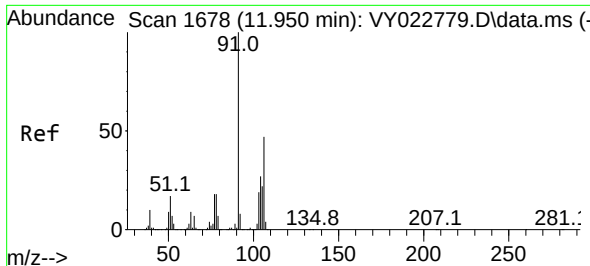
Tgt Ion:106 Resp: 911491

Ion Ratio Lower Upper

106 100

91 197.9 159.4 239.0

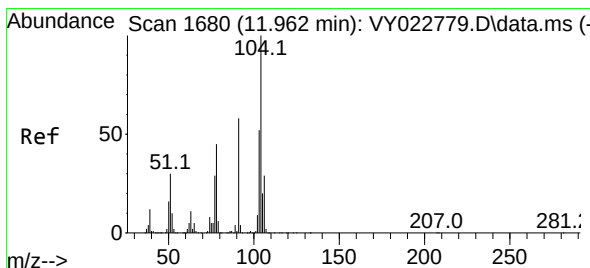
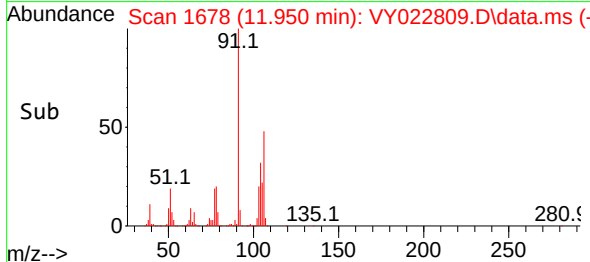
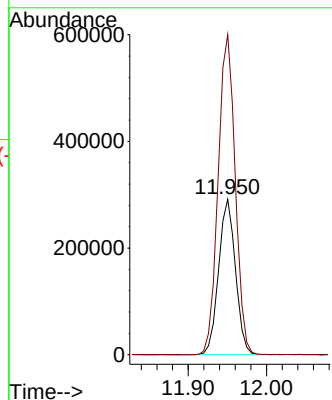
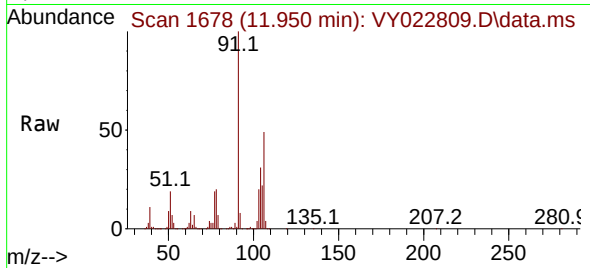




#69
o-Xylene
Concen: 51.752 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

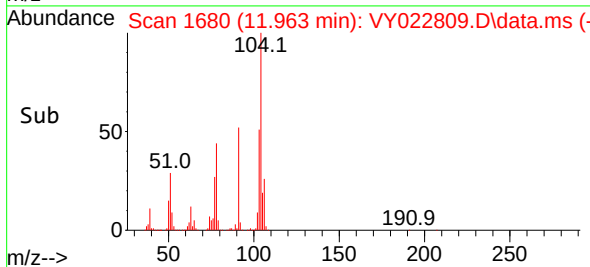
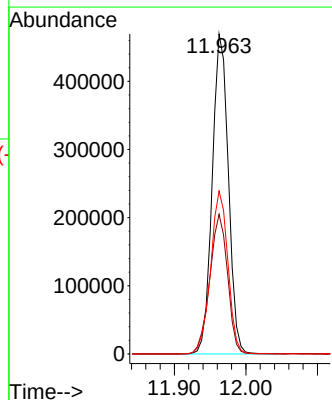
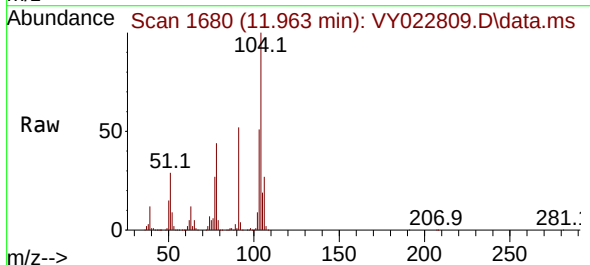
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

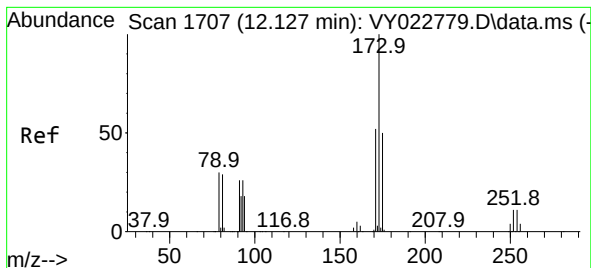
Tgt Ion:106 Resp: 435607
Ion Ratio Lower Upper
106 100
91 209.4 105.8 317.3



#70
Styrene
Concen: 52.203 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion:104 Resp: 736022
Ion Ratio Lower Upper
104 100
78 48.0 39.5 59.3
103 54.5 44.1 66.1





#71

Bromoform

Concen: 48.786 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

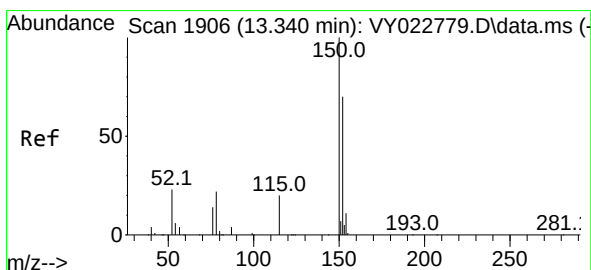
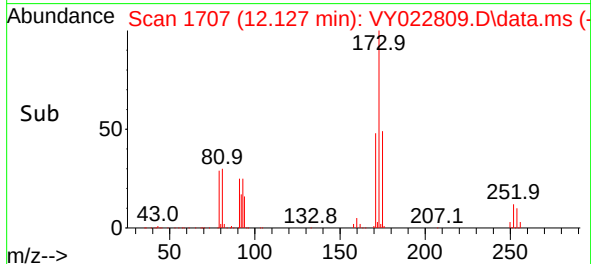
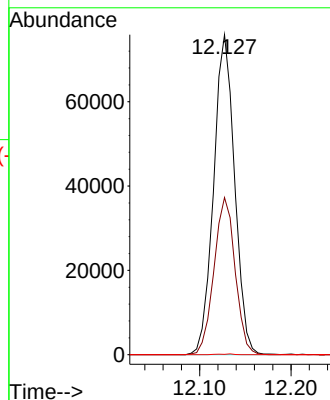
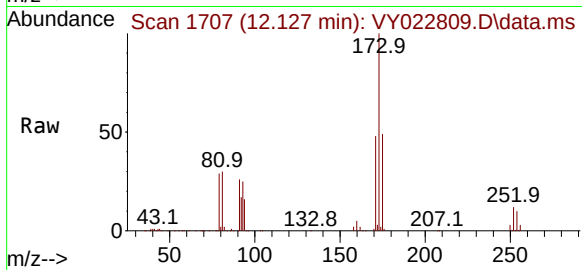
Tgt Ion:173 Resp: 121014

Ion Ratio Lower Upper

173 100

175 49.4 23.8 71.5

254 0.2 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: VY022809.D

Acq: 24 Jun 2025 20:09

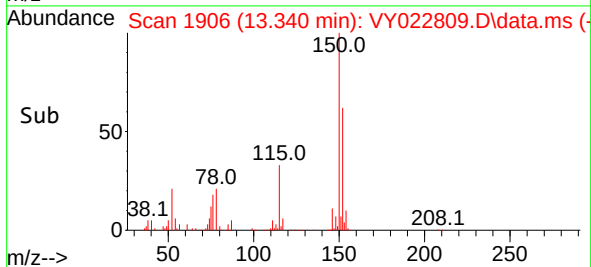
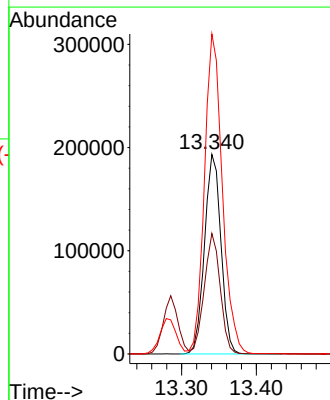
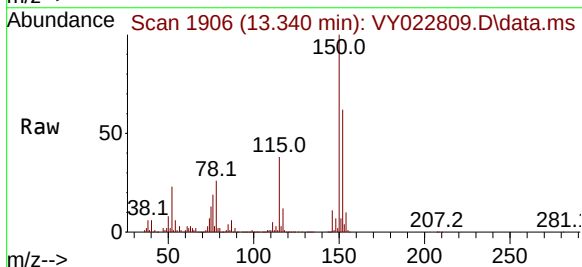
Tgt Ion:152 Resp: 295491

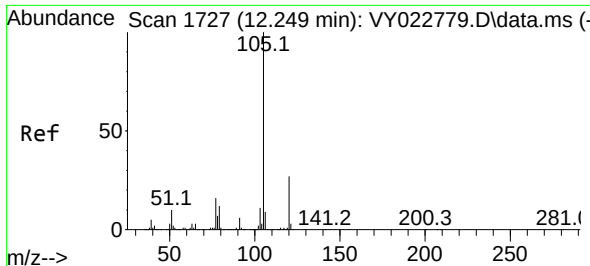
Ion Ratio Lower Upper

152 100

115 58.4 28.9 86.7

150 174.5 0.0 349.6

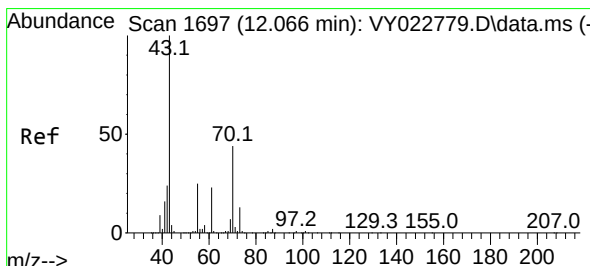
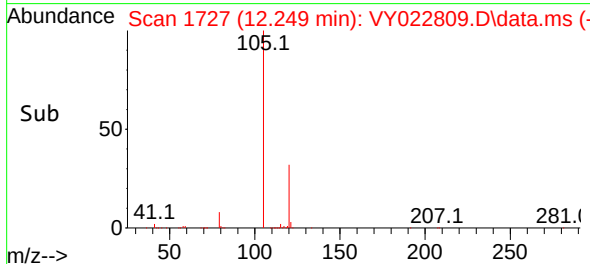
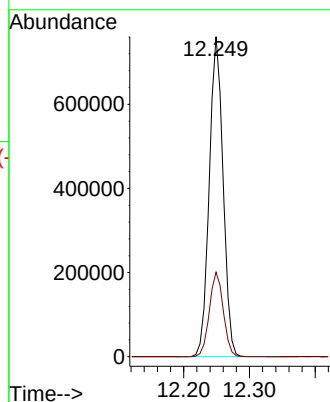
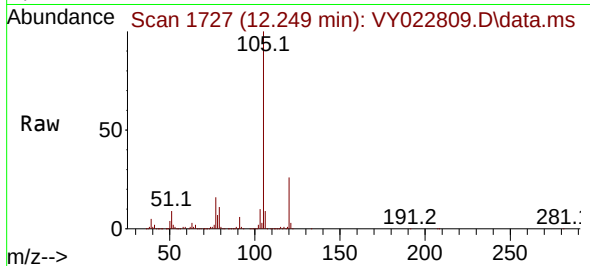




#73
Isopropylbenzene
Concen: 50.843 ug/l
RT: 12.249 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

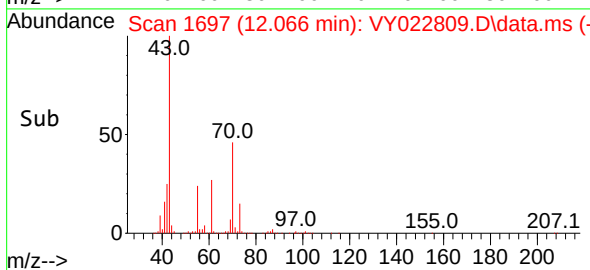
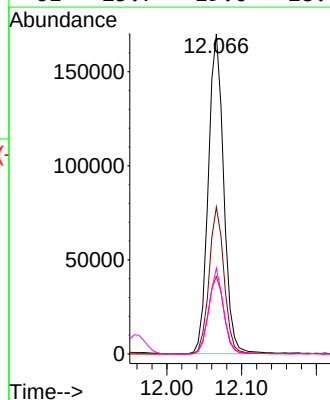
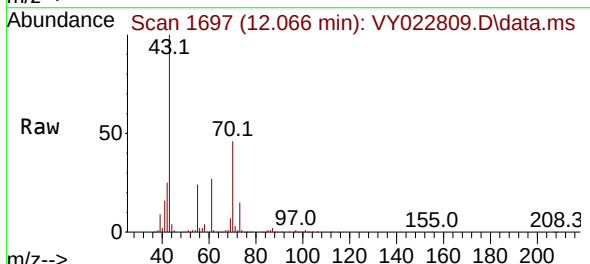
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

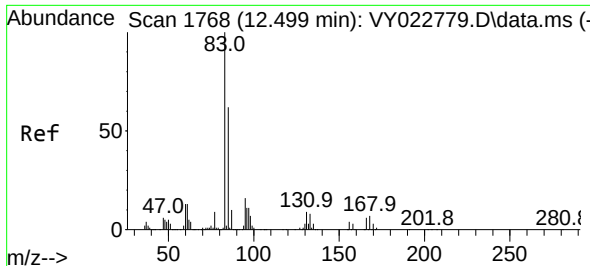
Tgt Ion:105 Resp: 1111091
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9



#74
N-ethyl acetate
Concen: 49.528 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 43 Resp: 242951
Ion Ratio Lower Upper
43 100
70 45.1 34.2 51.2
55 24.7 18.2 27.4
61 25.7 19.0 28.6

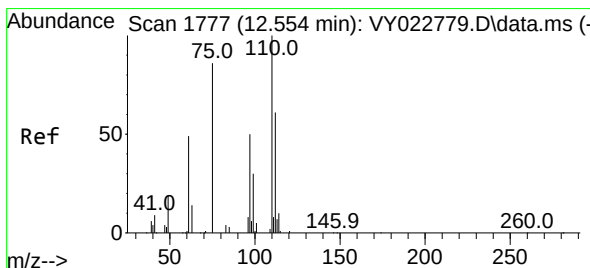
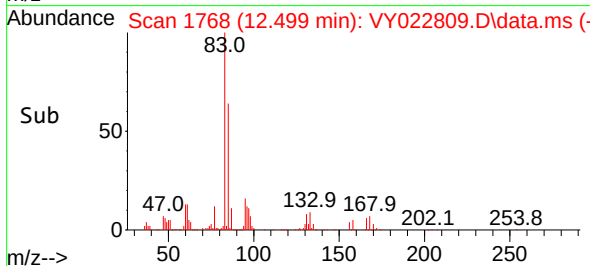
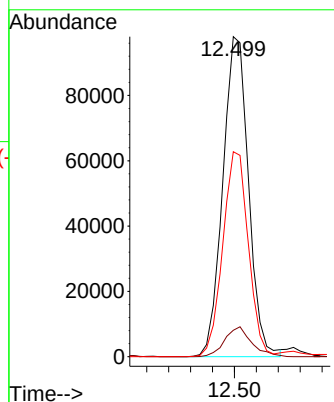
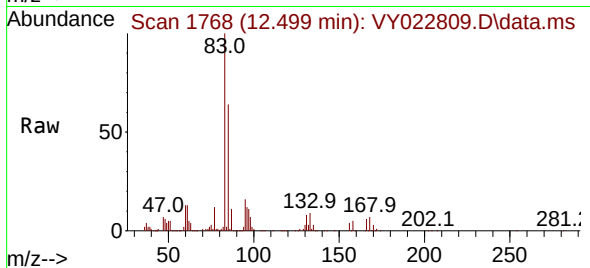




#75
1,1,2-Tetrachloroethane
Concen: 45.347 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

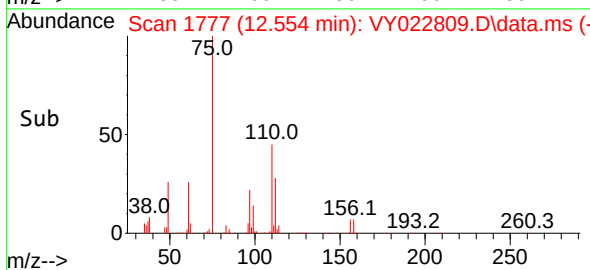
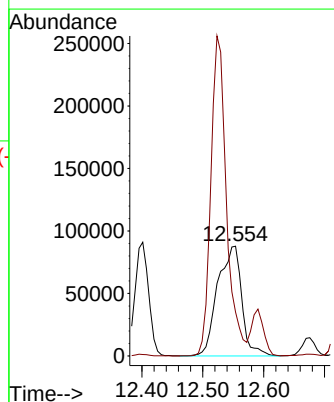
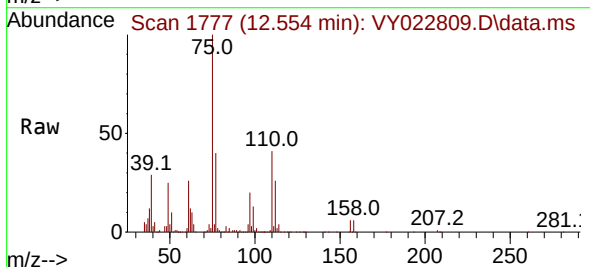
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

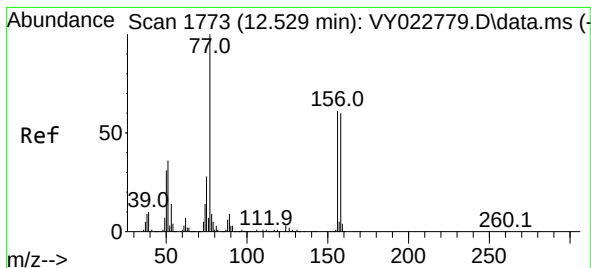
Tgt Ion: 83 Resp: 159716
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 63.6 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 79.843 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 75 Resp: 240862
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.712 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

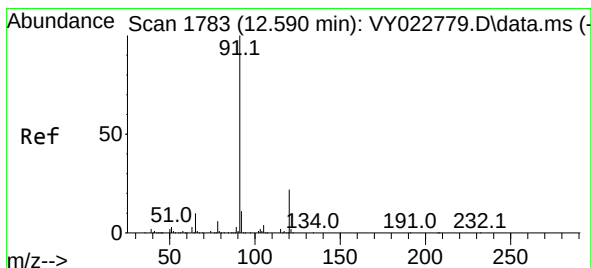
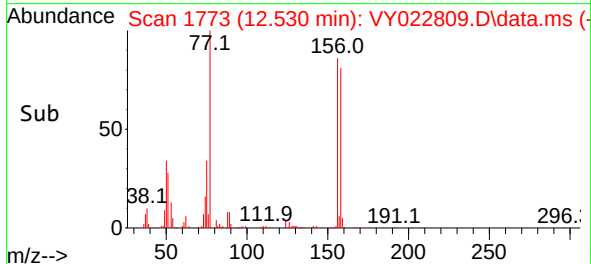
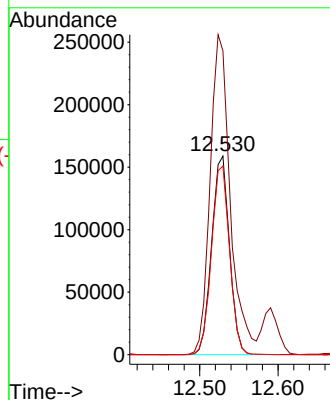
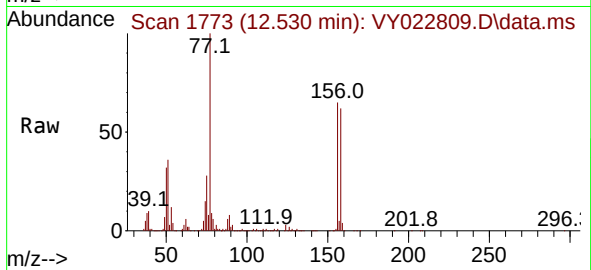
Tgt Ion:156 Resp: 251197

Ion Ratio Lower Upper

156 100

77 182.3 94.0 282.1

158 96.4 48.2 144.6



#78

n-propylbenzene

Concen: 50.699 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022809.D

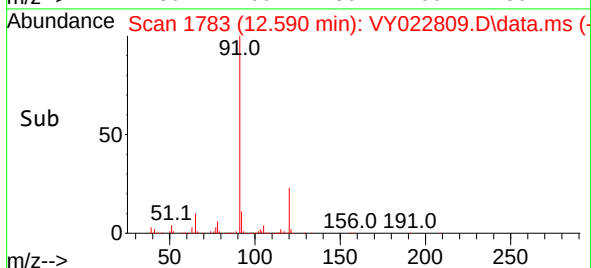
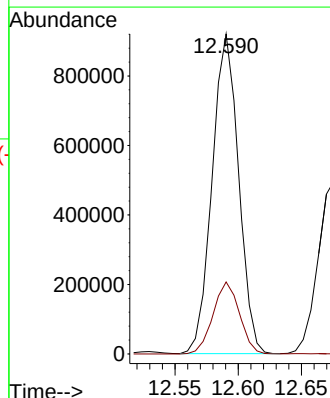
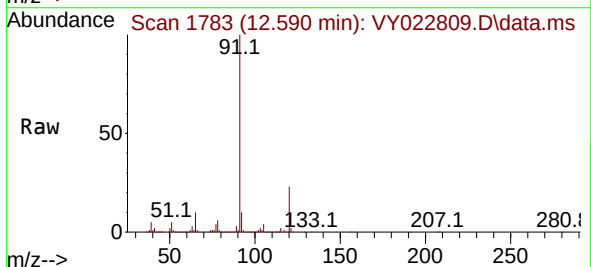
Acq: 24 Jun 2025 20:09

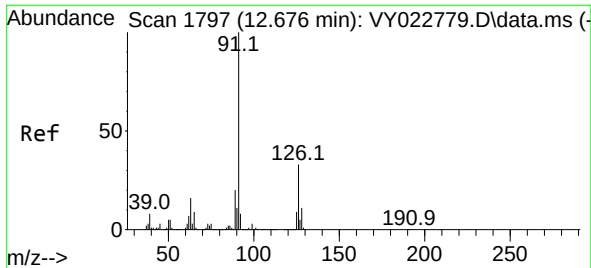
Tgt Ion: 91 Resp: 1337690

Ion Ratio Lower Upper

91 100

120 22.5 10.8 32.4

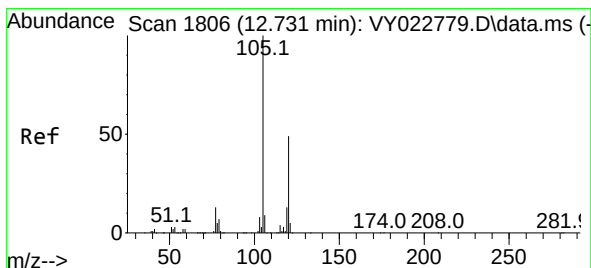
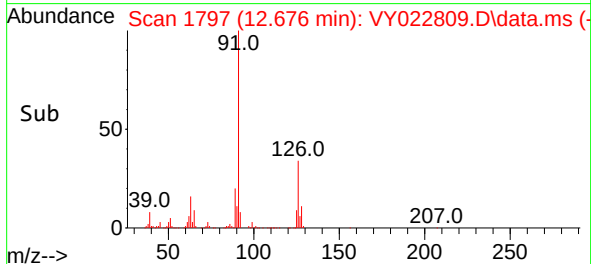
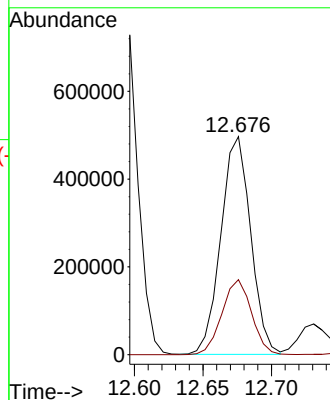
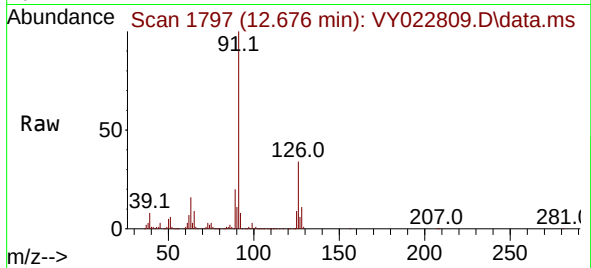




#79
2-Chlorotoluene
Concen: 50.442 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

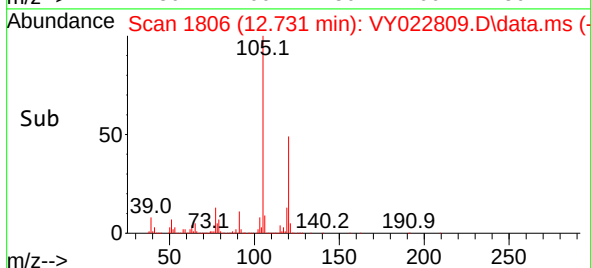
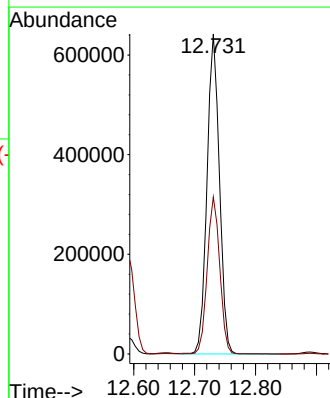
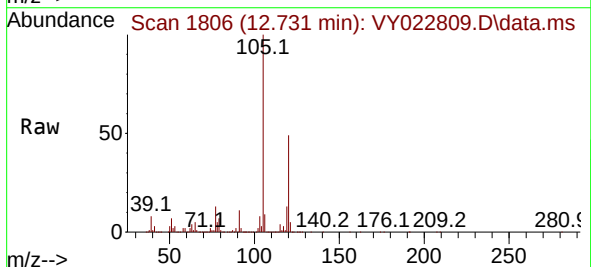
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

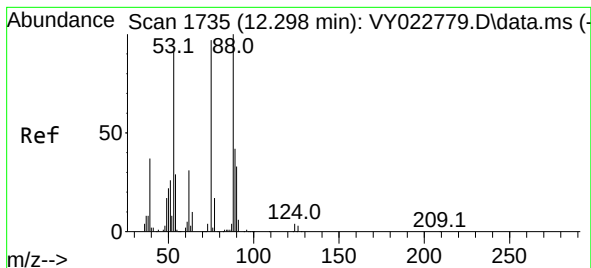
Tgt Ion: 91 Resp: 751950
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 51.486 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 105 Resp: 908287
Ion Ratio Lower Upper
105 100
120 49.5 24.1 72.4

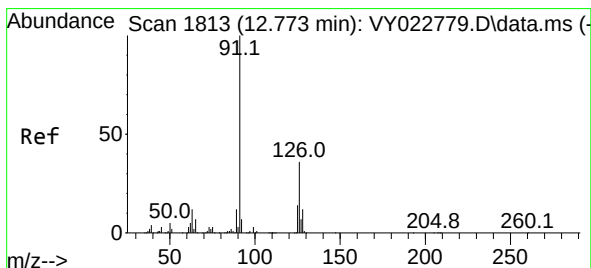
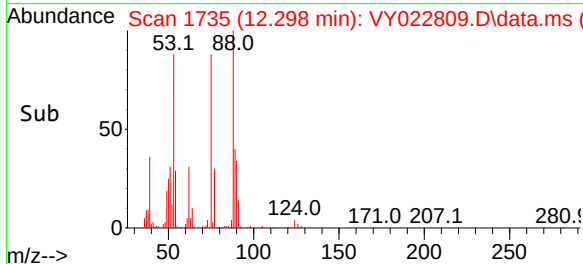
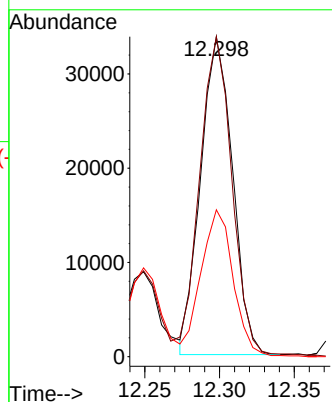
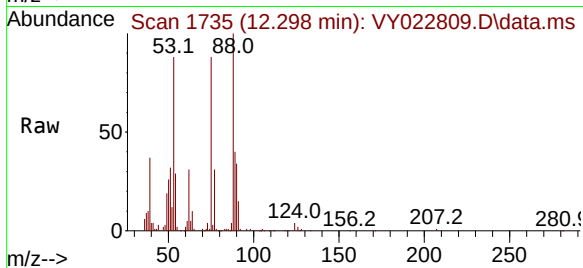




#81
trans-1,4-Dichloro-2-butene
Concen: 41.938 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

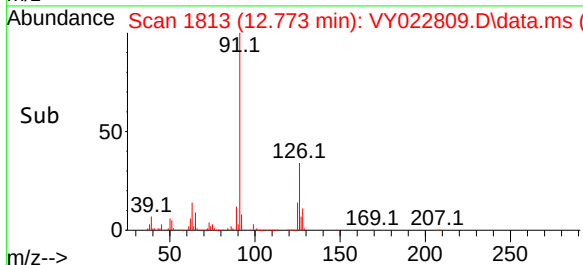
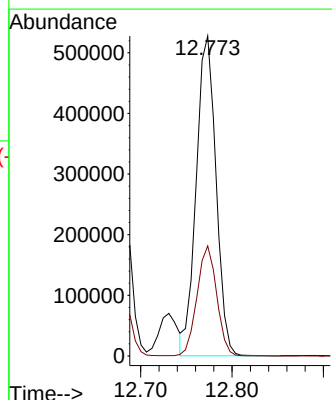
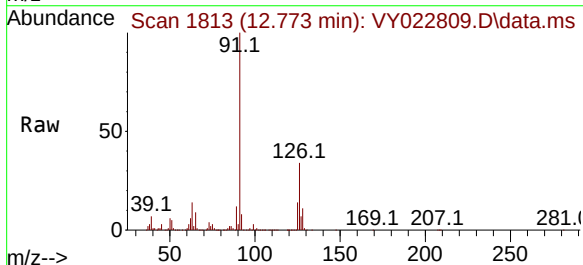
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

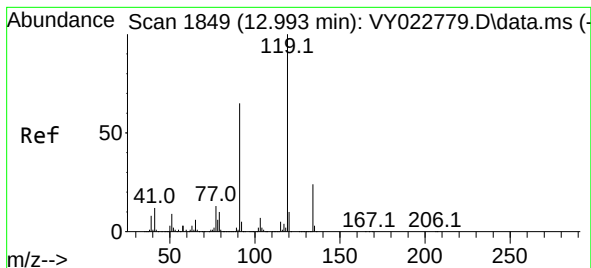
Tgt Ion: 75 Resp: 50077
Ion Ratio Lower Upper
75 100
53 102.7 78.5 117.7
89 46.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 50.593 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 91 Resp: 792196
Ion Ratio Lower Upper
91 100
126 34.3 17.0 50.9





#83

tert-Butylbenzene

Concen: 51.337 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

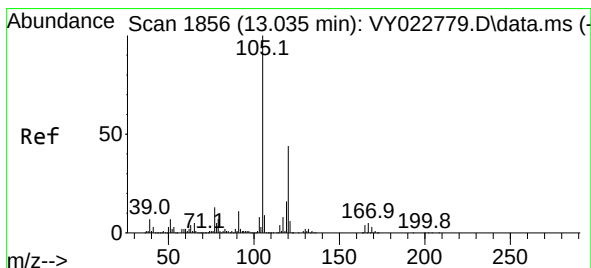
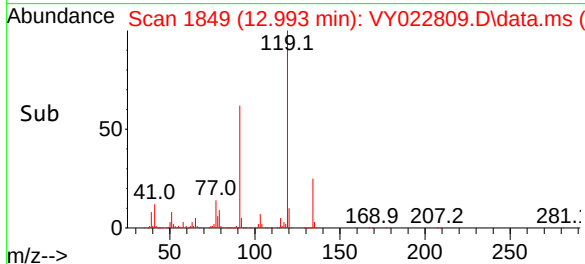
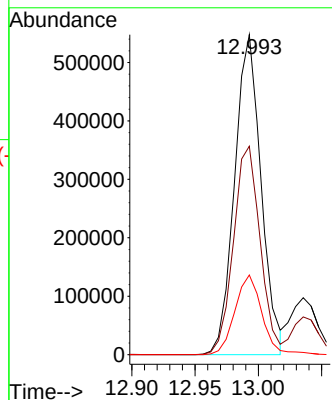
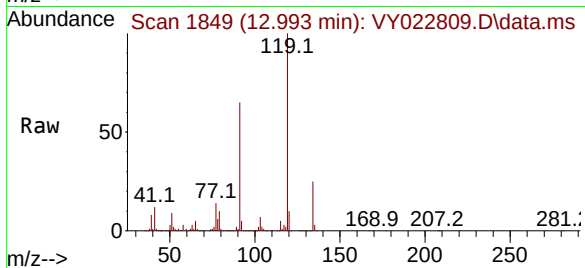
Tgt Ion:119 Resp: 798715

Ion Ratio Lower Upper

119 100

91 65.6 32.1 96.3

134 25.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.478 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. -0.006 min

Lab File: VY022809.D

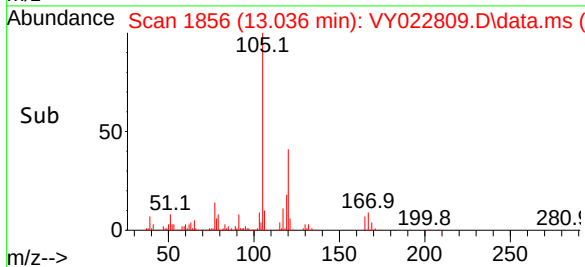
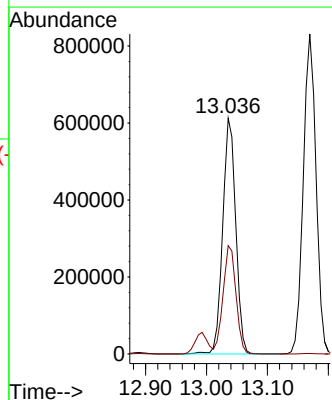
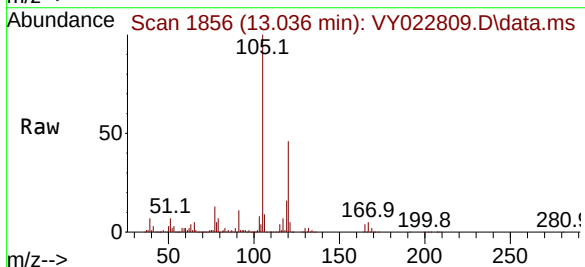
Acq: 24 Jun 2025 20:09

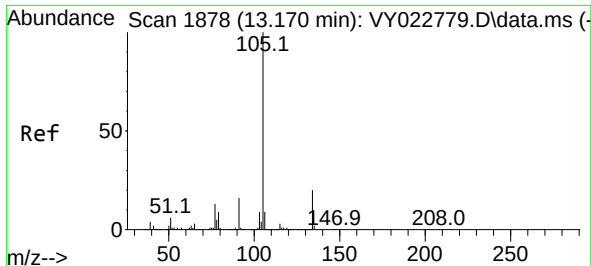
Tgt Ion:105 Resp: 909225

Ion Ratio Lower Upper

105 100

120 45.4 22.7 68.1

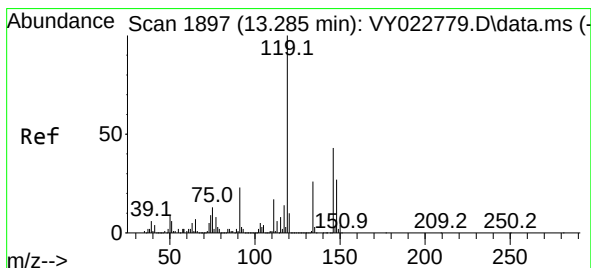
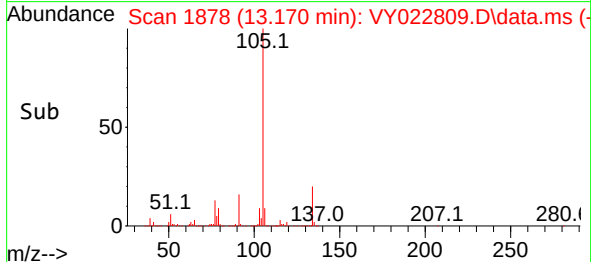
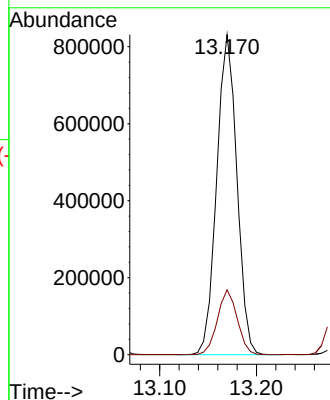
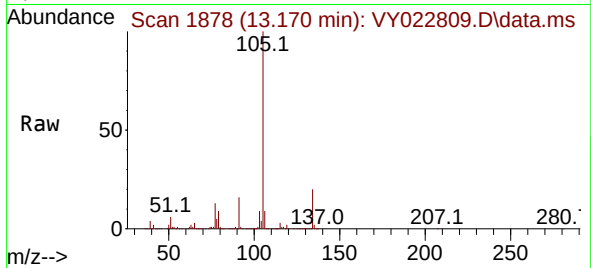




#85
 sec-Butylbenzene
 Concen: 51.372 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.006 min
 Lab File: VY022809.D
 Acq: 24 Jun 2025 20:09

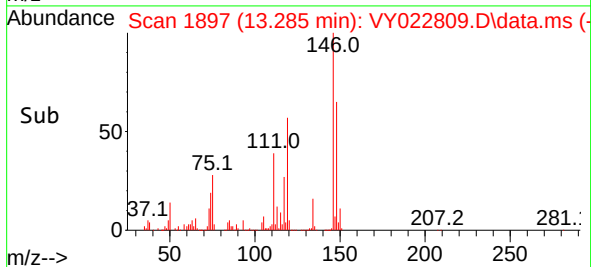
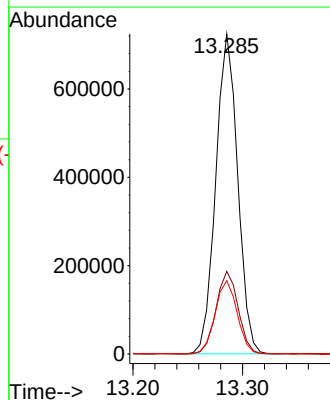
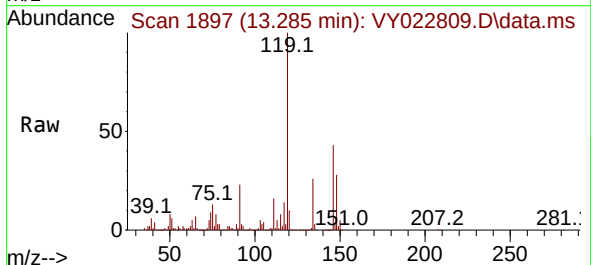
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

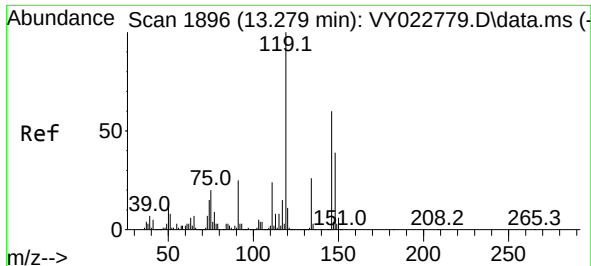
Tgt Ion:105 Resp: 1202578
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 51.652 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022809.D
 Acq: 24 Jun 2025 20:09

Tgt Ion:119 Resp: 1006207
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 23.0 11.6 34.8

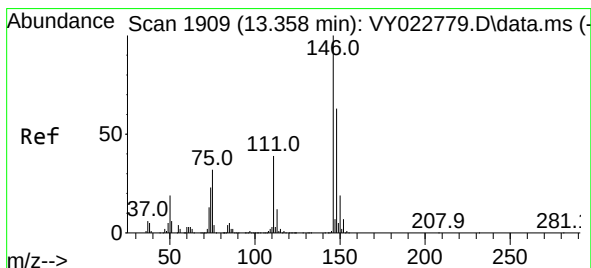
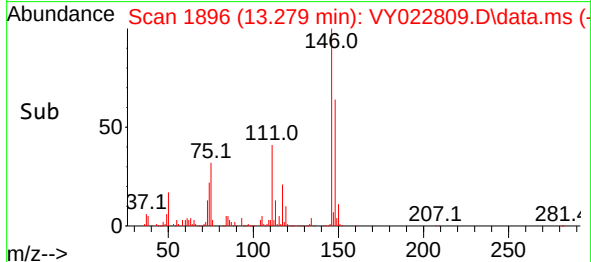
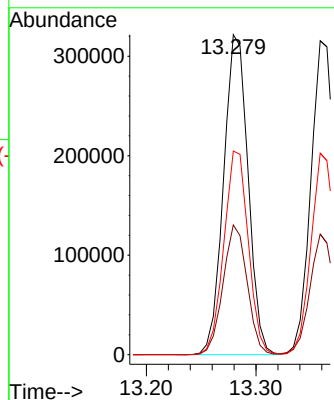
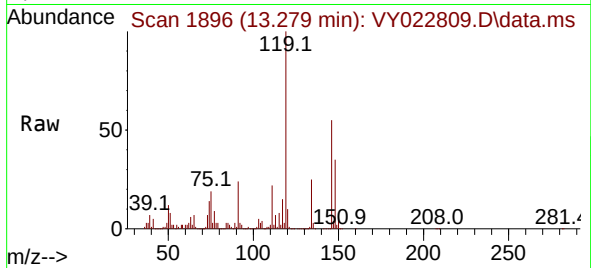




#87
1,3-Dichlorobenzene
Concen: 50.221 ug/l
RT: 13.279 min Scan# 1896
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

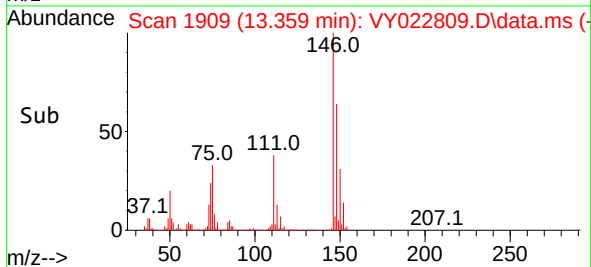
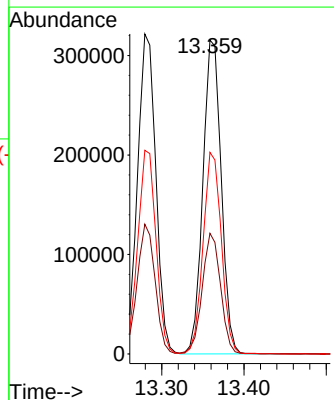
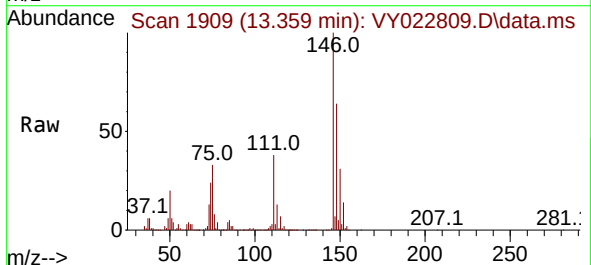
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

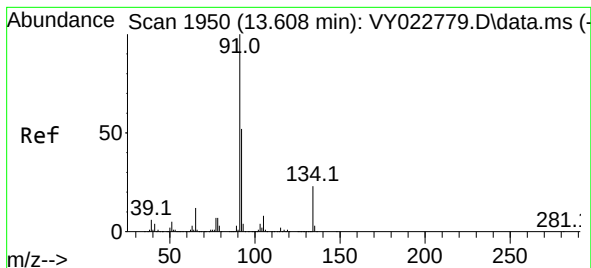
Tgt Ion:146 Resp: 499609
Ion Ratio Lower Upper
146 100
111 39.9 20.1 60.2
148 63.5 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 49.495 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion:146 Resp: 489113
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.2
148 64.2 31.6 94.8

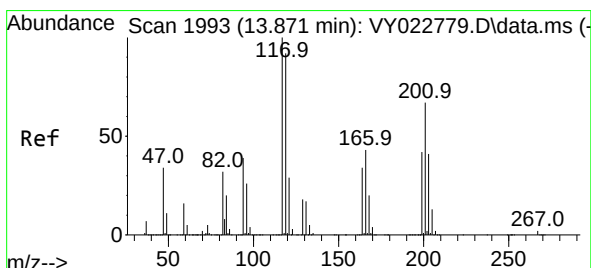
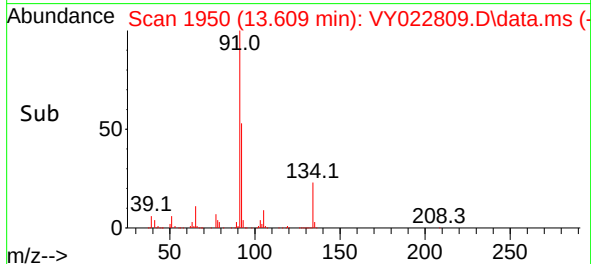
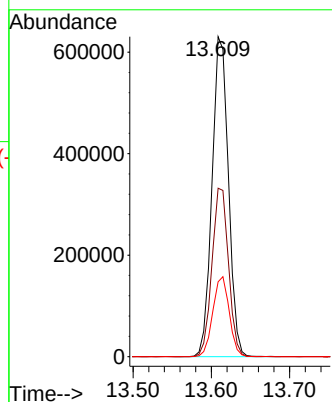
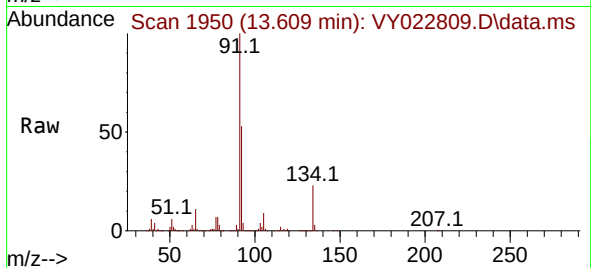




#89
n-Butylbenzene
Concen: 49.883 ug/l
RT: 13.609 min Scan# 1950
Delta R.T. -0.012 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

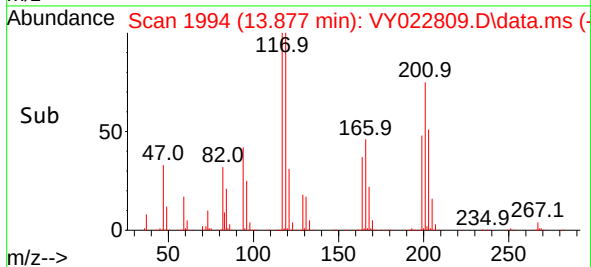
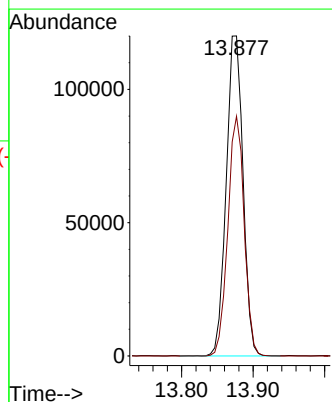
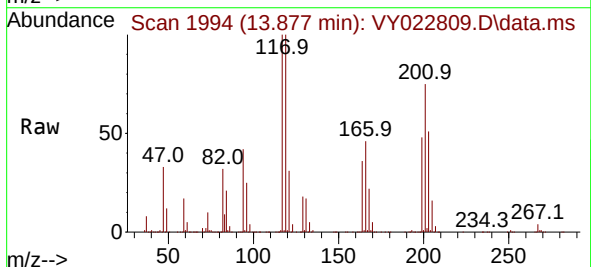
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

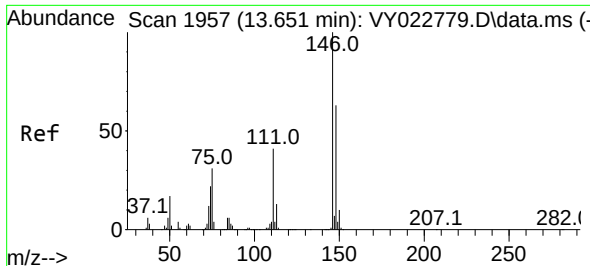
Tgt Ion: 91 Resp: 914049
Ion Ratio Lower Upper
91 100
92 53.2 25.9 77.8
134 25.2 12.0 36.1



#90
Hexachloroethane
Concen: 50.468 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022809.D
Acq: 24 Jun 2025 20:09

Tgt Ion: 117 Resp: 195813
Ion Ratio Lower Upper
117 100
201 72.7 34.0 102.0

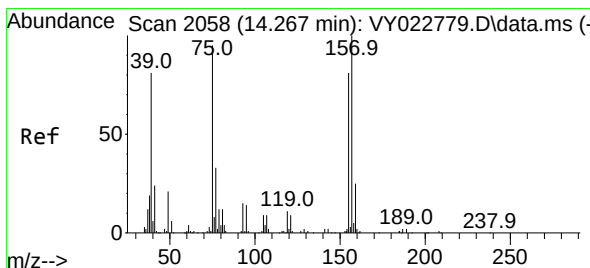
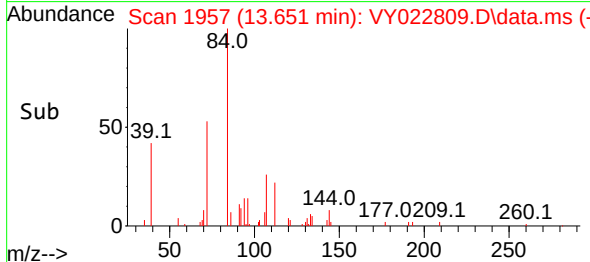
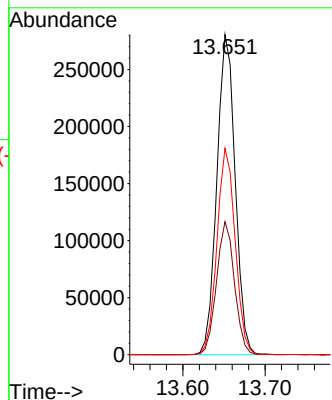
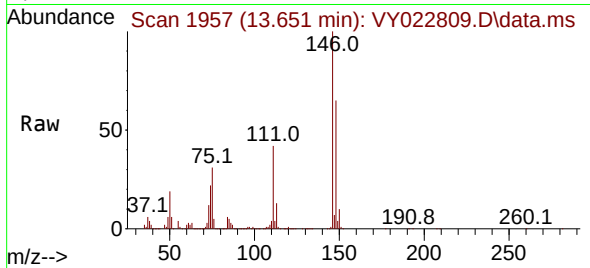




#91
 1,2-Dichlorobenzene
 Concen: 49.633 ug/l
 RT: 13.651 min Scan# 1957
 Delta R.T. -0.006 min
 Lab File: VY022809.D
 Acq: 24 Jun 2025 20:09

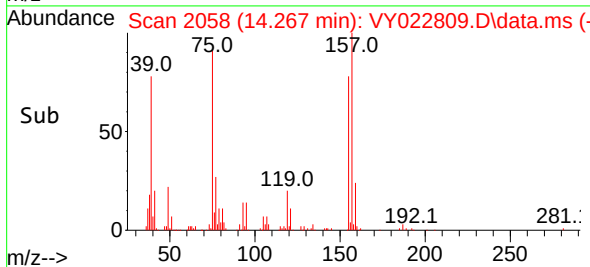
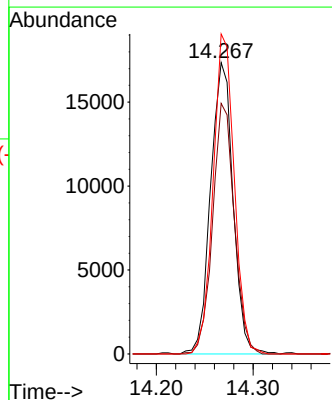
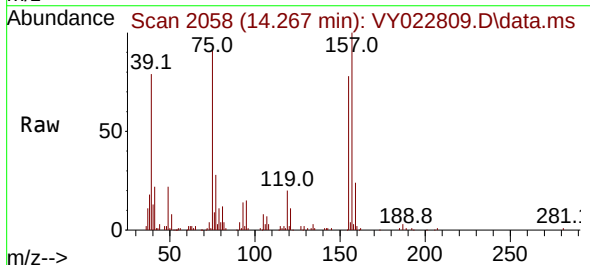
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 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

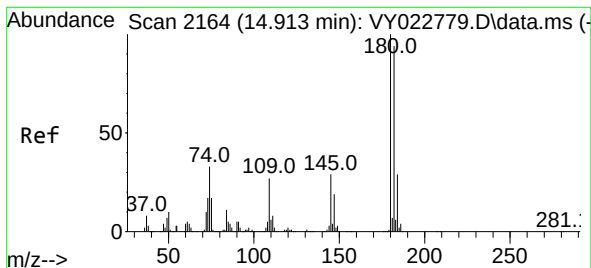
Tgt Ion:146 Resp: 435127
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.2 60.6
 148 64.0 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.794 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.006 min
 Lab File: VY022809.D
 Acq: 24 Jun 2025 20:09

Tgt Ion: 75 Resp: 27949
 Ion Ratio Lower Upper
 75 100
 155 83.1 39.9 119.6
 157 103.5 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 47.278 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

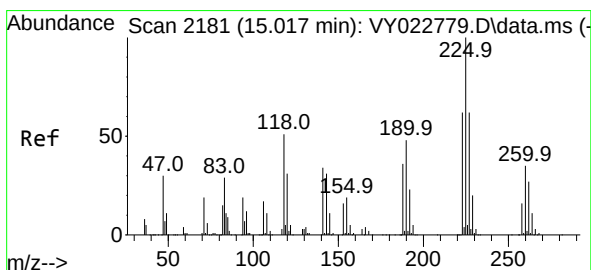
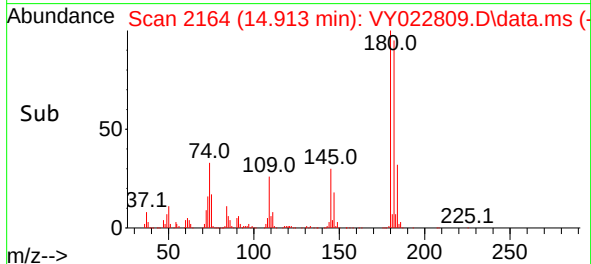
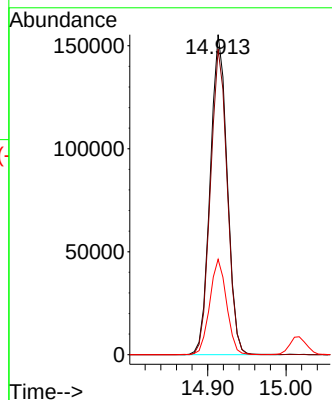
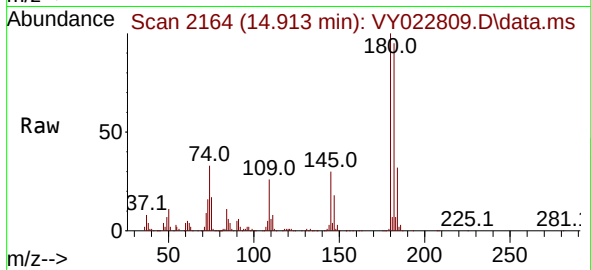
Tgt Ion:180 Resp: 234020

Ion Ratio Lower Upper

180 100

182 94.3 48.4 145.3

145 29.5 15.5 46.5



#94

Hexachlorobutadiene

Concen: 46.240 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

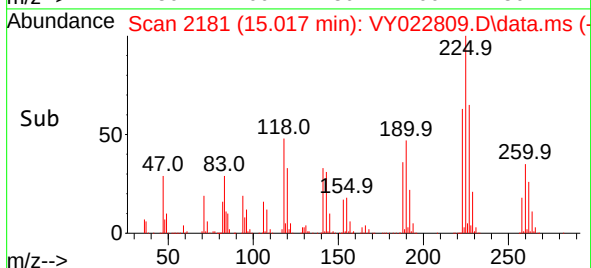
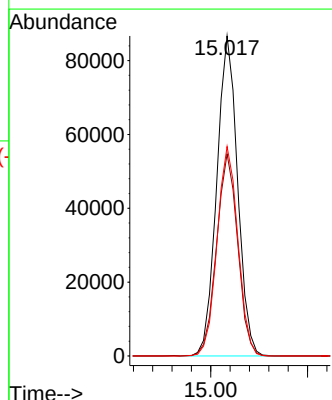
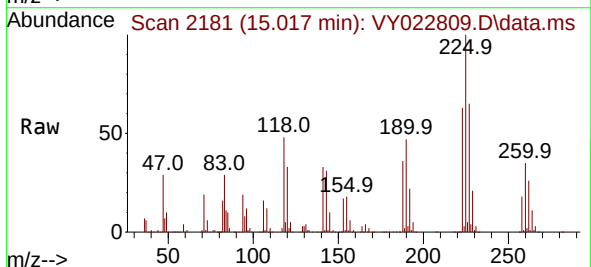
Tgt Ion:225 Resp: 129428

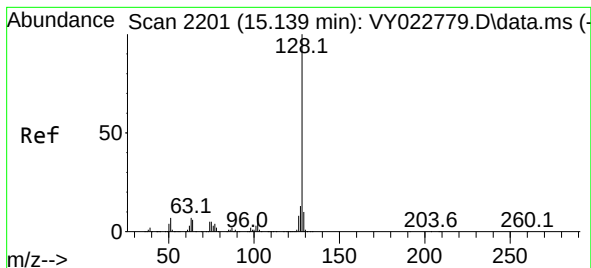
Ion Ratio Lower Upper

225 100

223 63.9 32.5 97.4

227 65.4 32.3 96.9





#95

Naphthalene

Concen: 49.272 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

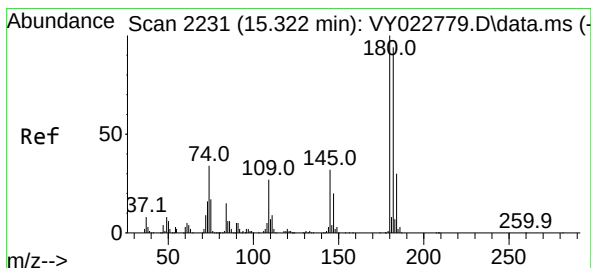
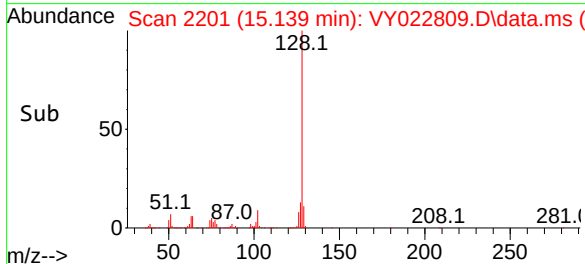
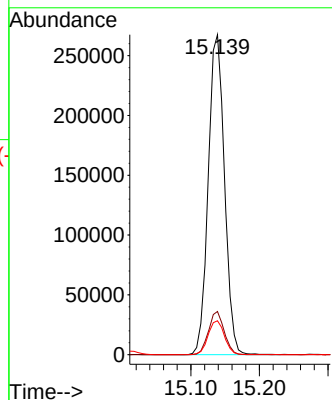
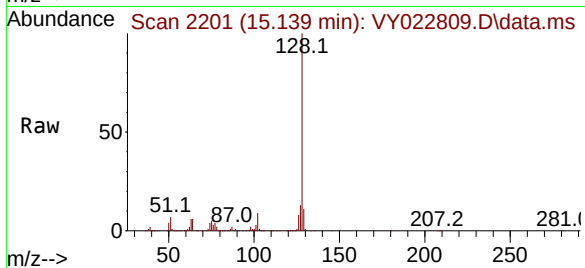
Tgt Ion:128 Resp: 441045

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 47.076 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022809.D

Acq: 24 Jun 2025 20:09

Tgt Ion:180 Resp: 201358

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.3

145 31.4 15.2 45.6

