

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022777.D
 Acq On : 23 Jun 2025 14:00
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Jun 24 02:50:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 02:48:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	463035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	781463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	664424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	310897	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	50892	9.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	19.700%#
35) Dibromofluoromethane	7.628	113	46399	9.763	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.520%#
50) Toluene-d8	10.103	98	179425	9.514	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.020%#
62) 4-Bromofluorobenzene	12.401	95	56575	9.332	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	18.660%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	42214	10.662	ug/l	94
3) Chloromethane	2.068	50	85337	11.287	ug/l	95
4) Vinyl Chloride	2.202	62	101774	10.775	ug/l	99
5) Bromomethane	2.592	94	81985	11.040	ug/l	98
6) Chloroethane	2.732	64	68123	10.729	ug/l	97
7) Trichlorofluoromethane	3.049	101	109310	10.451	ug/l	99
8) Diethyl Ether	3.452	74	26729	10.347	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	51901	10.858	ug/l	98
10) Methyl Iodide	3.994	142	50149	9.637	ug/l	99
11) Tert butyl alcohol	4.860	59	17351	50.493	ug/l #	92
12) 1,1-Dichloroethene	3.787	96	49870	10.641	ug/l	94
13) Acrolein	3.653	56	23603	50.654	ug/l	96
14) Allyl chloride	4.385	41	74349	10.314	ug/l	100
15) Acrylonitrile	5.055	53	53484	49.623	ug/l	97
16) Acetone	3.866	43	57265	58.626	ug/l	97
17) Carbon Disulfide	4.104	76	157862	10.426	ug/l	96
18) Methyl Acetate	4.385	43	33123	10.240	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	129453	10.144	ug/l	97
20) Methylene Chloride	4.610	84	71926	11.660	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	55933	10.442	ug/l	93
22) Diisopropyl ether	6.012	45	163202	10.194	ug/l #	90
23) Vinyl Acetate	5.957	43	436202	49.334	ug/l	99
24) 1,1-Dichloroethane	5.909	63	99575	10.297	ug/l	99
25) 2-Butanone	6.896	43	74304	52.267	ug/l	98
26) 2,2-Dichloropropane	6.884	77	86121	10.624	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	63822	10.254	ug/l	98
28) Bromochloromethane	7.244	49	39901	9.815	ug/l	99
29) Tetrahydrofuran	7.256	42	44155	49.188	ug/l	99
30) Chloroform	7.415	83	104609	10.503	ug/l	100
31) Cyclohexane	7.695	56	94507	10.647	ug/l #	96
32) 1,1,1-Trichloroethane	7.616	97	87498	10.166	ug/l	98
36) 1,1-Dichloropropene	7.835	75	73869	10.254	ug/l	99
37) Ethyl Acetate	6.982	43	30940	9.953	ug/l	99
38) Carbon Tetrachloride	7.817	117	77817	10.238	ug/l	96
39) Methylcyclohexane	9.103	83	92069	9.876	ug/l	96
40) Benzene	8.073	78	223979	10.113	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	16364	8.345	ug/l #	90
42) 1,2-Dichloroethane	8.152	62	62006	10.217	ug/l	98
43) Isopropyl Acetate	8.195	43	63693	9.859	ug/l	97
44) Trichloroethene	8.866	130	56947	10.241	ug/l	98
45) 1,2-Dichloropropane	9.140	63	53045	10.233	ug/l	94
46) Dibromomethane	9.225	93	30124	10.237	ug/l	96
47) Bromodichloromethane	9.420	83	77307	10.188	ug/l	99
48) Methyl methacrylate	9.219	41	30168	9.713	ug/l	99
49) 1,4-Dioxane	9.225	88	6781	195.052	ug/l	93
51) 4-Methyl-2-Pentanone	9.993	43	156769	47.750	ug/l	99
52) Toluene	10.164	92	136520	9.771	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	67233	9.848	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	78622	9.932	ug/l	98
55) 1,1,2-Trichloroethane	10.566	97	38897	10.208	ug/l	97
56) Ethyl methacrylate	10.438	69	46228	9.018	ug/l	98
57) 1,3-Dichloropropane	10.713	76	66930	10.068	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	113045	54.985	ug/l	100
59) 2-Hexanone	10.755	43	109594	49.099	ug/l	98
60) Dibromochloromethane	10.908	129	49185	9.994	ug/l	99
61) 1,2-Dibromoethane	11.011	107	36029	10.105	ug/l	98
64) Tetrachloroethene	10.646	164	61796	9.845	ug/l	95
65) Chlorobenzene	11.438	112	147476	10.101	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	50032	10.118	ug/l	100
67) Ethyl Benzene	11.511	91	249925	9.743	ug/l	98
68) m/p-Xylenes	11.627	106	191878	19.351	ug/l	99
69) o-Xylene	11.950	106	89531	9.582	ug/l	100
70) Styrene	11.963	104	147196	9.405	ug/l	99
71) Bromoform	12.127	173	27105	9.844	ug/l #	98
73) Isopropylbenzene	12.249	105	234034	10.179	ug/l	99
74) N-amyl acetate	12.066	43	49341	9.560	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	40964	11.054	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	53529	16.350	ug/l #	100
77) Bromobenzene	12.523	156	53437	10.253	ug/l	98
78) n-propylbenzene	12.590	91	282781	10.186	ug/l	99
79) 2-Chlorotoluene	12.676	91	157704	10.055	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	186006	10.021	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	12937	10.297	ug/l	95
82) 4-Chlorotoluene	12.773	91	166997	10.137	ug/l	98
83) tert-Butylbenzene	12.993	119	164329	10.039	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	186662	10.045	ug/l	99
85) sec-Butylbenzene	13.170	105	248568	10.092	ug/l	99
86) p-Isopropyltoluene	13.285	119	204047	9.955	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	103200	9.860	ug/l	99
88) 1,4-Dichlorobenzene	13.359	146	108198	10.406	ug/l	98
89) n-Butylbenzene	13.609	91	194233	10.075	ug/l	98
90) Hexachloroethane	13.877	117	41277	10.111	ug/l	99
91) 1,2-Dichlorobenzene	13.651	146	92518	10.030	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6258	9.958	ug/l	97
93) 1,2,4-Trichlorobenzene	14.913	180	52305	10.043	ug/l	99
94) Hexachlorobutadiene	15.017	225	31049	10.543	ug/l	100
95) Naphthalene	15.139	128	85996	9.131	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	44944	9.987	ug/l	99

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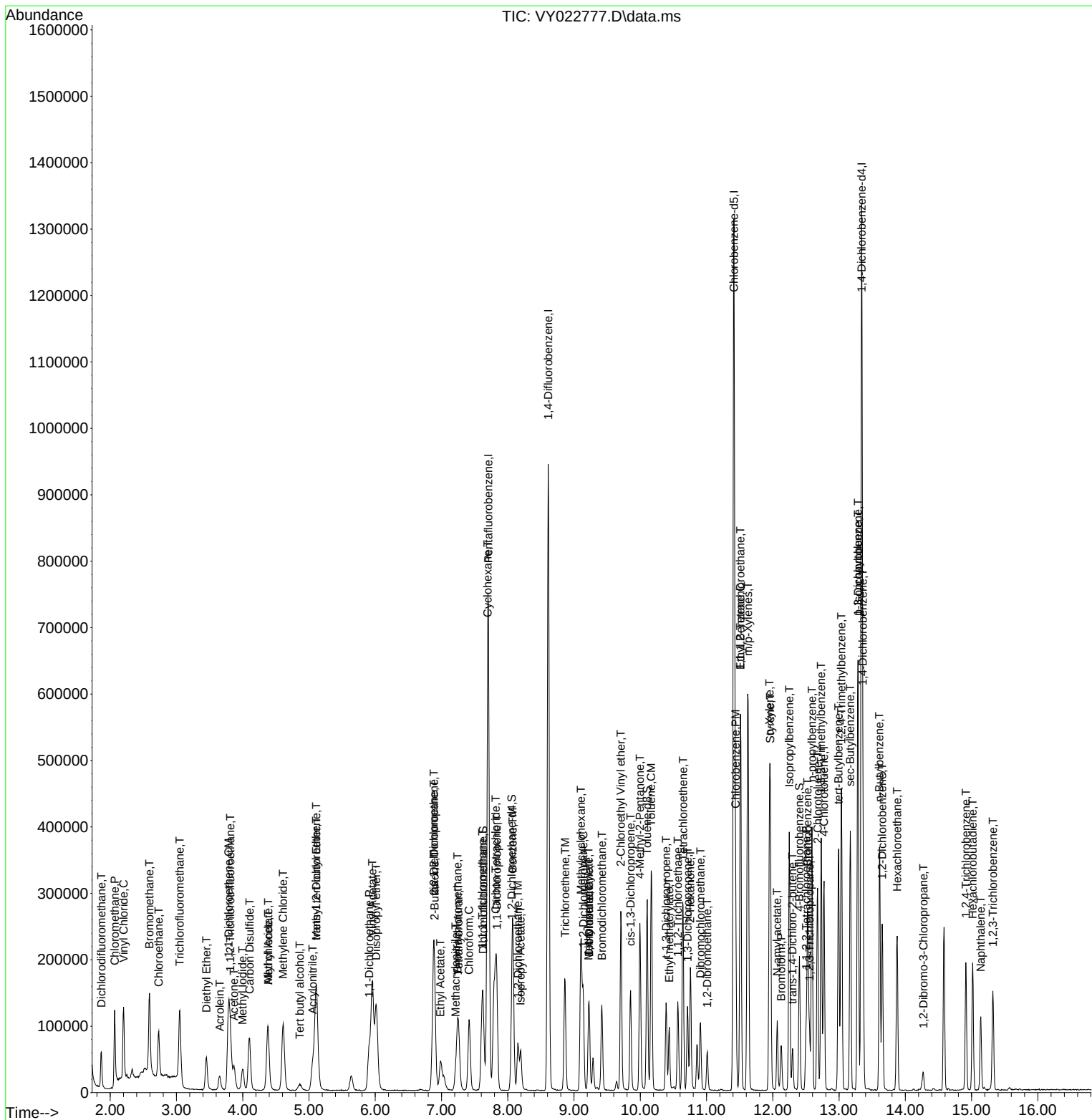
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

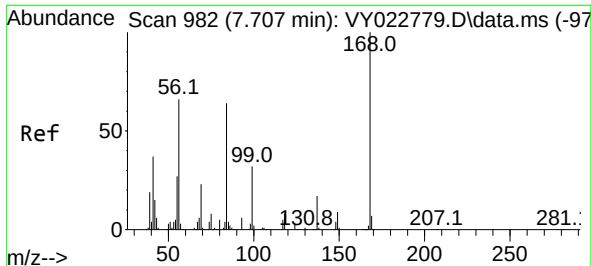
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QLast Update : Tue Jun 24 02:48:20 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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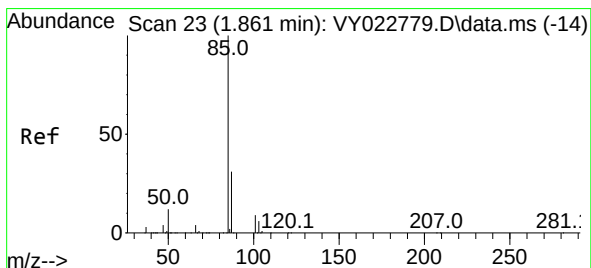
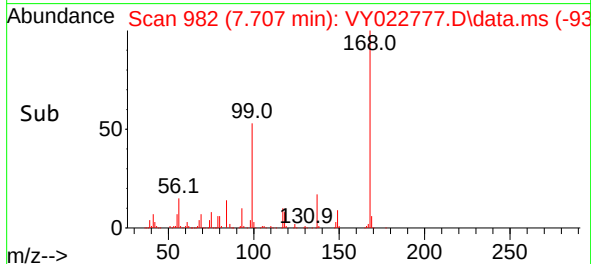
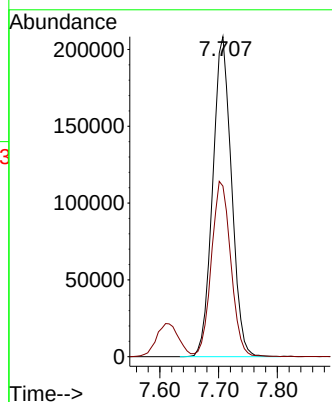
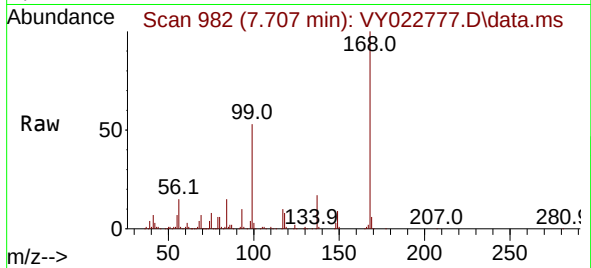




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

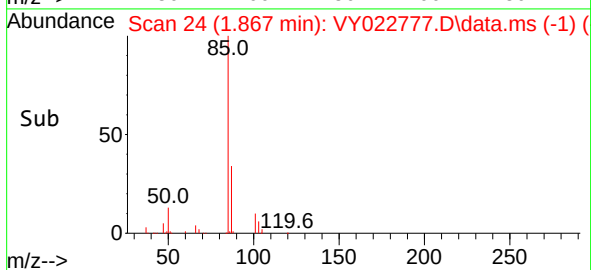
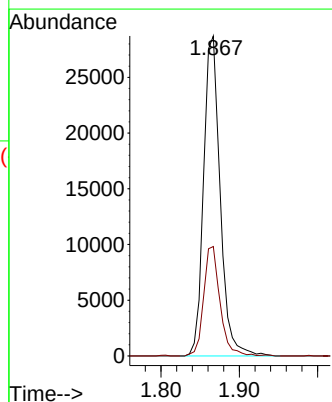
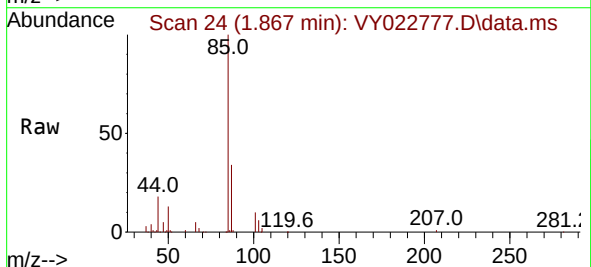
Instrument :
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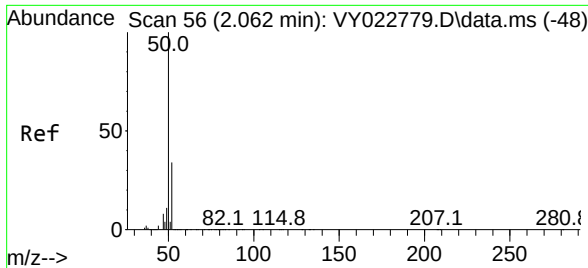
Tgt Ion:168 Resp: 463035
Ion Ratio Lower Upper
168 100
99 53.2 44.6 66.8



#2
Dichlorodifluoromethane
Concen: 10.662 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion: 85 Resp: 42214
Ion Ratio Lower Upper
85 100
87 34.2 15.6 46.7

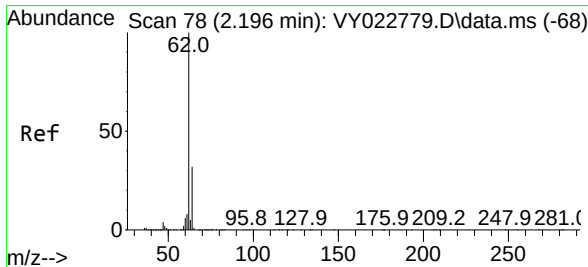
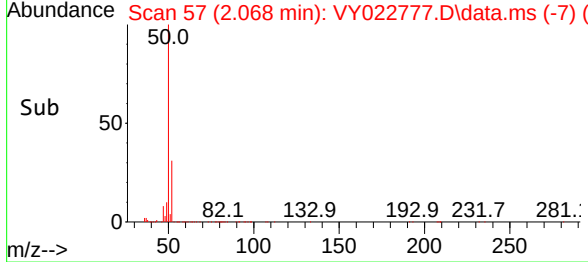
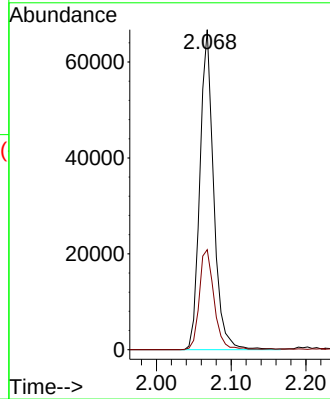
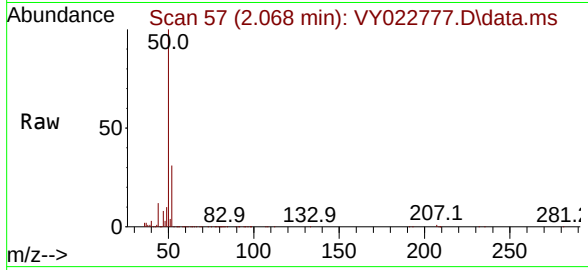




#3
Chloromethane
Concen: 11.287 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

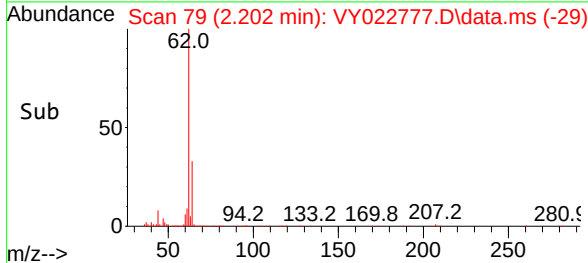
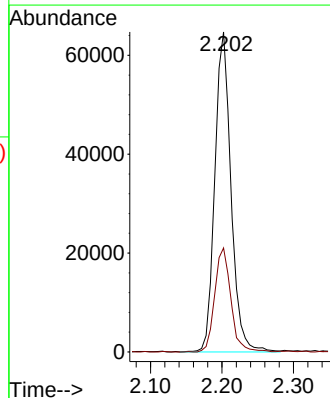
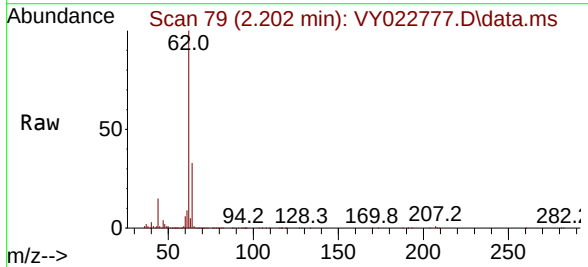
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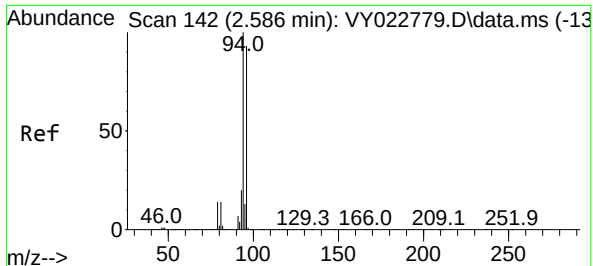
Tgt Ion: 50 Resp: 85337
Ion Ratio Lower Upper
50 100
52 31.3 27.5 41.3



#4
Vinyl Chloride
Concen: 10.775 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion: 62 Resp: 101774
Ion Ratio Lower Upper
62 100
64 32.5 25.7 38.5

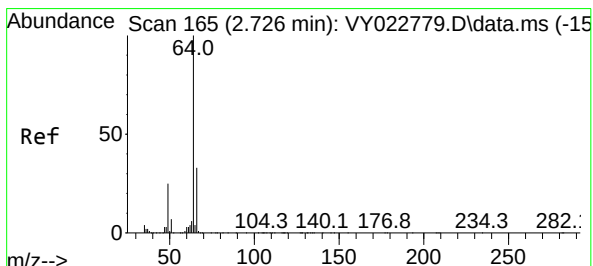
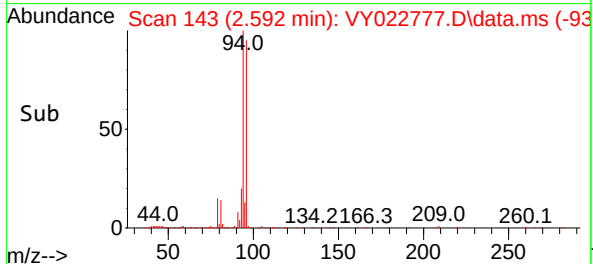
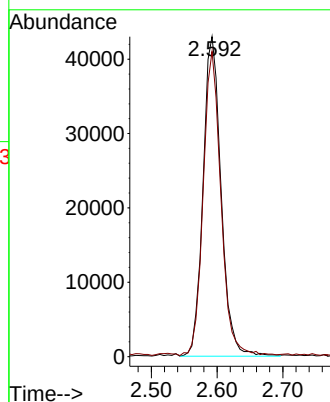
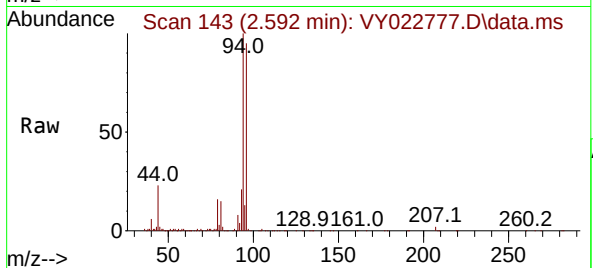




#5
Bromomethane
Concen: 11.040 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

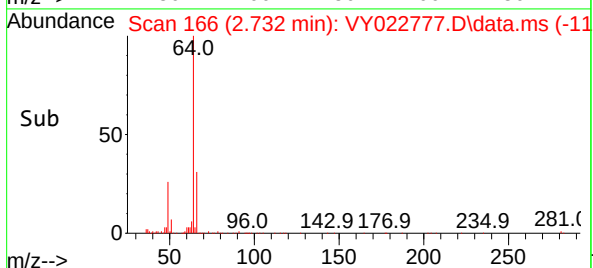
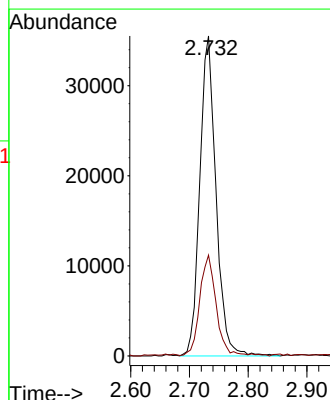
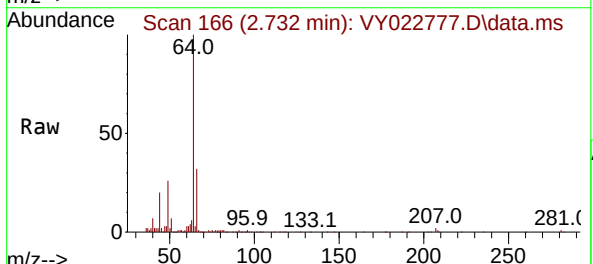
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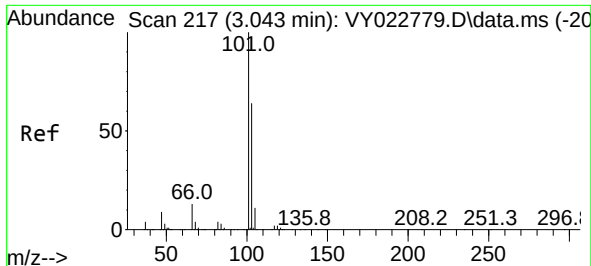
Tgt Ion: 94 Resp: 81985
Ion Ratio Lower Upper
94 100
96 95.2 74.3 111.5



#6
Chloroethane
Concen: 10.729 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion: 64 Resp: 68123
Ion Ratio Lower Upper
64 100
66 31.3 26.6 39.8

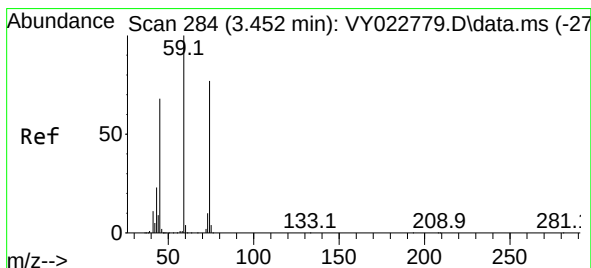
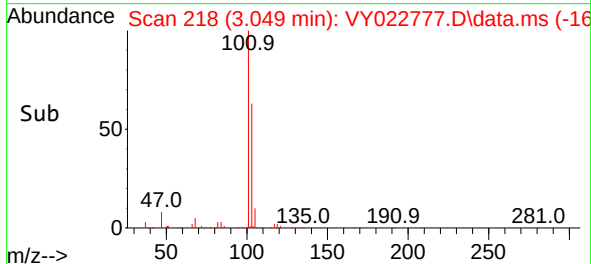
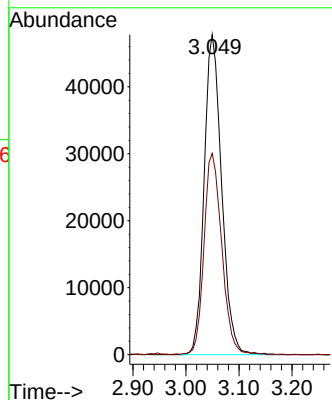
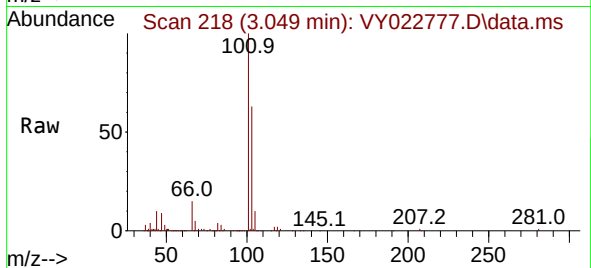




#7
Trichlorofluoromethane
Concen: 10.451 ug/l
RT: 3.049 min Scan# 217
Delta R.T. 0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

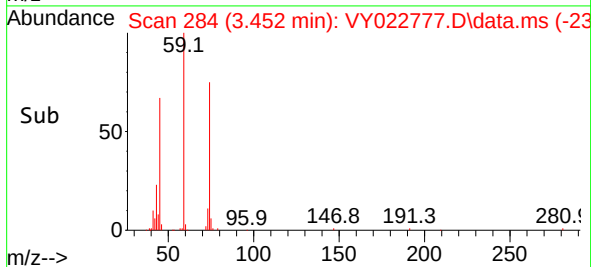
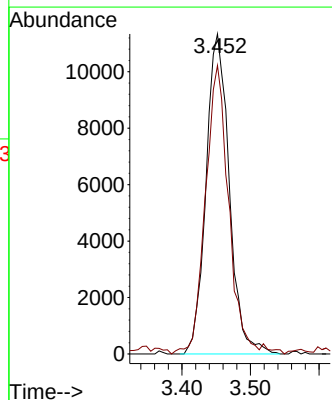
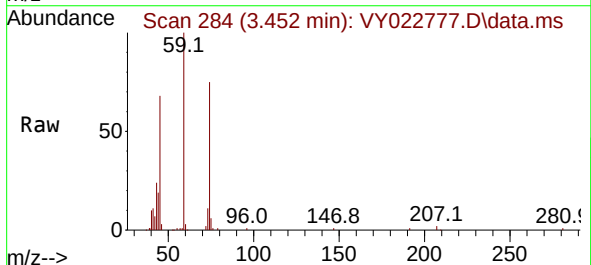
Instrument :
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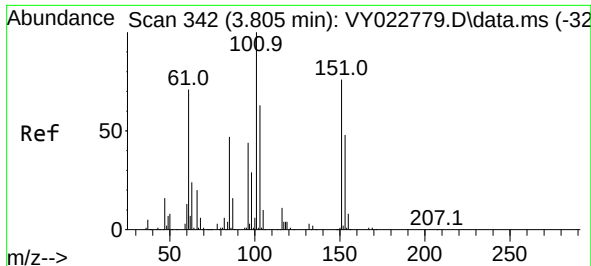
Tgt Ion:101 Resp: 109310
Ion Ratio Lower Upper
101 100
103 62.8 51.1 76.7



#8
Diethyl Ether
Concen: 10.347 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion: 74 Resp: 26729
Ion Ratio Lower Upper
74 100
45 89.4 45.0 134.8

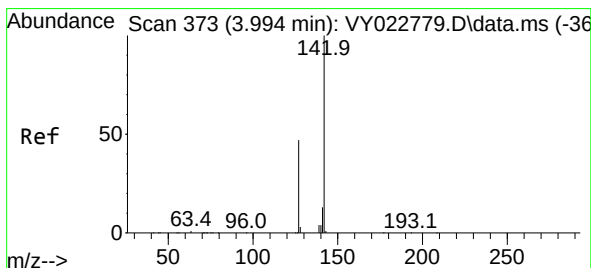
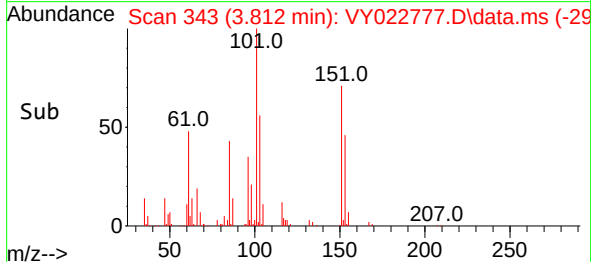
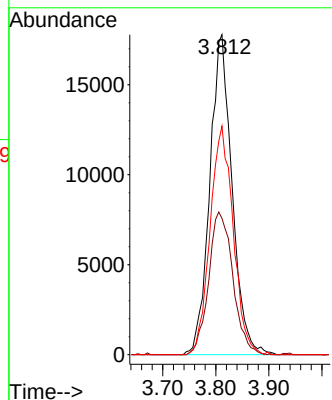
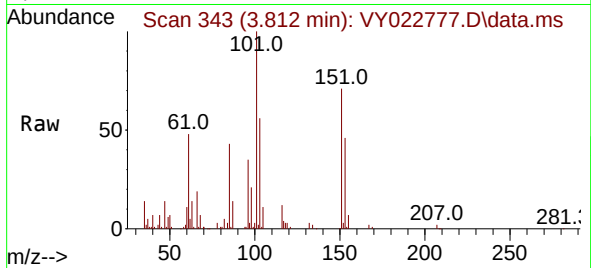




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.858 ug/l
RT: 3.812 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

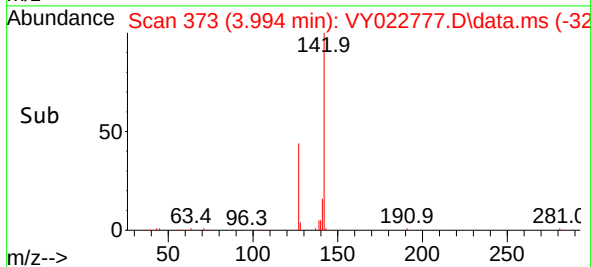
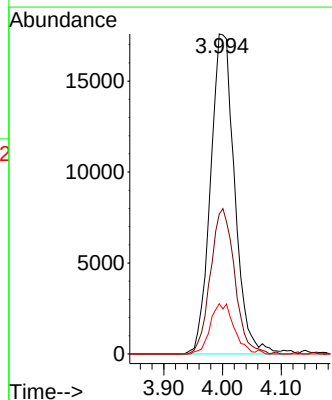
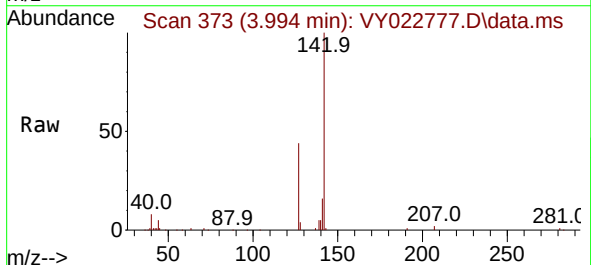
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

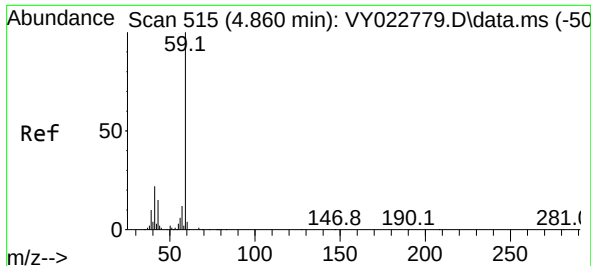
Tgt Ion:101 Resp: 51901
Ion Ratio Lower Upper
101 100
85 48.4 37.3 55.9
151 74.1 60.2 90.4



#10
Methyl Iodide
Concen: 9.637 ug/l
RT: 3.994 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion:142 Resp: 50149
Ion Ratio Lower Upper
142 100
127 45.4 36.5 54.7
141 15.4 11.4 17.2

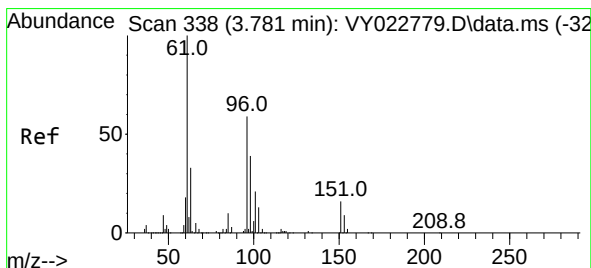
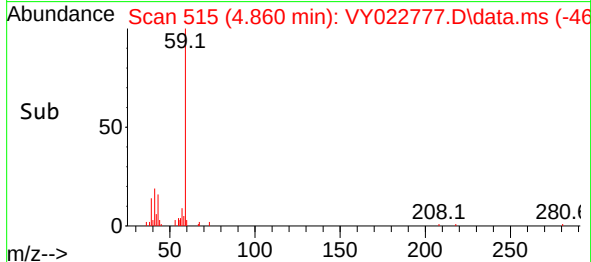
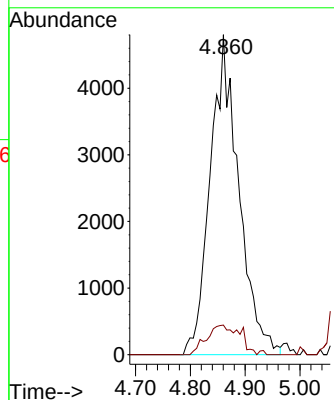
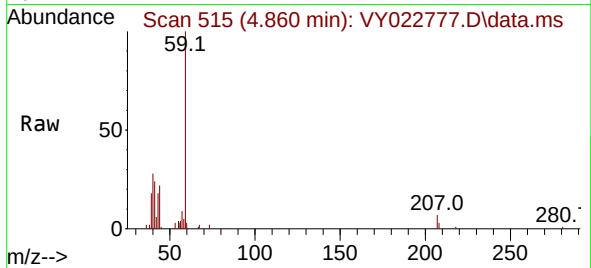




#11
Tert butyl alcohol
Concen: 50.493 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

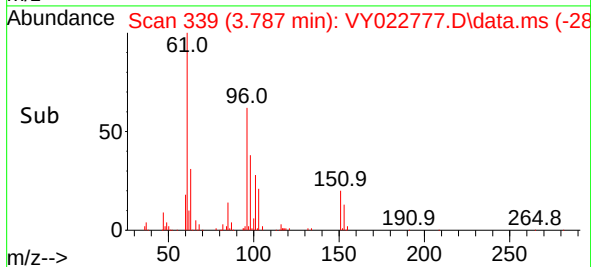
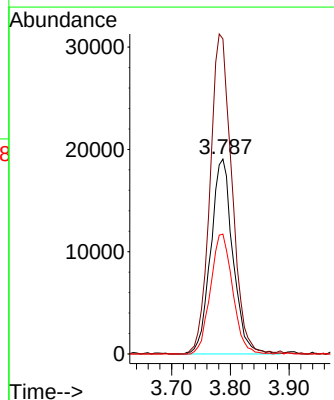
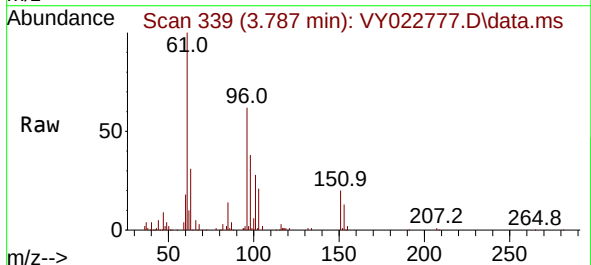
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

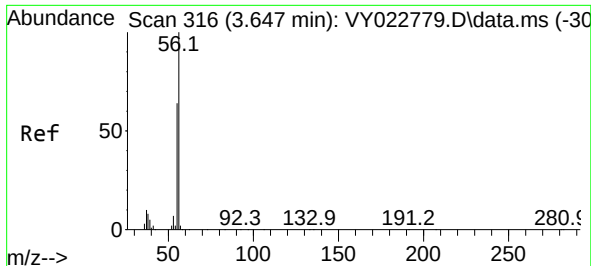
Tgt Ion: 59 Resp: 17351
Ion Ratio Lower Upper
59 100
57 8.1 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 10.641 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion: 96 Resp: 49870
Ion Ratio Lower Upper
96 100
61 161.6 135.8 203.6
98 61.5 53.0 79.4





#13

Acrolein

Concen: 50.654 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

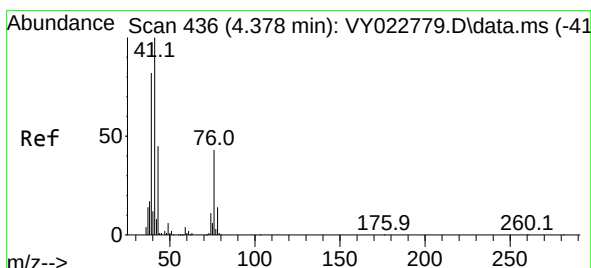
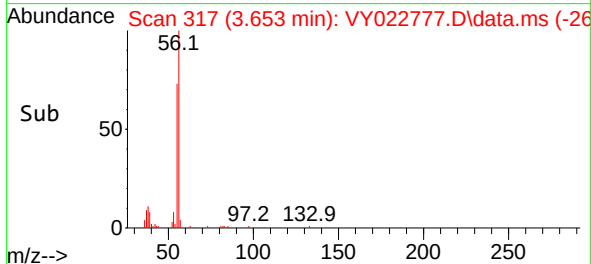
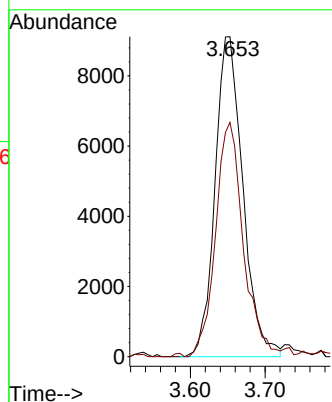
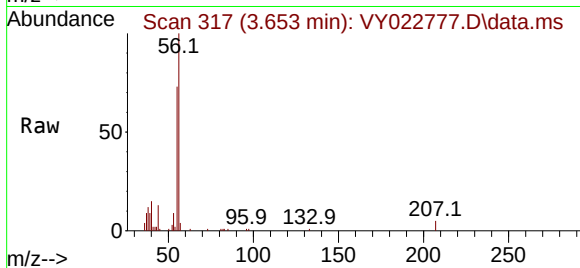
VSTDICC010

Tgt Ion: 56 Resp: 23603

Ion Ratio Lower Upper

56 100

55 72.9 55.4 83.2



#14

Allyl chloride

Concen: 10.314 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

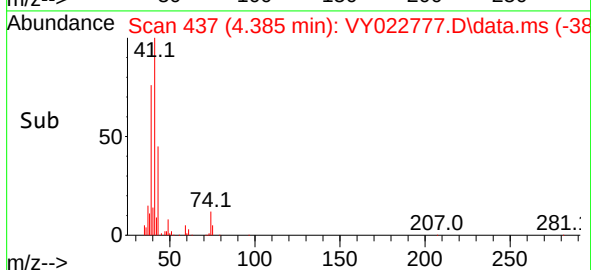
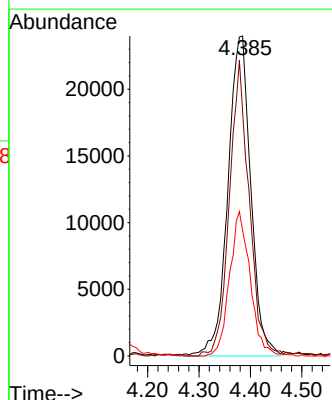
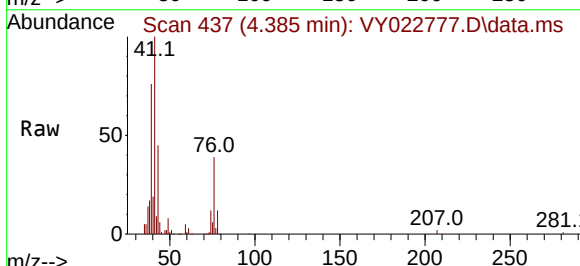
Tgt Ion: 41 Resp: 74349

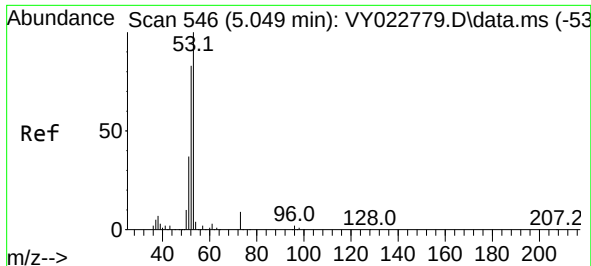
Ion Ratio Lower Upper

41 100

39 79.9 63.9 95.9

76 40.7 33.0 49.4





#15

Acrylonitrile

Concen: 49.623 ug/l

RT: 5.055 min Scan# 546

Delta R.T. 0.006 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

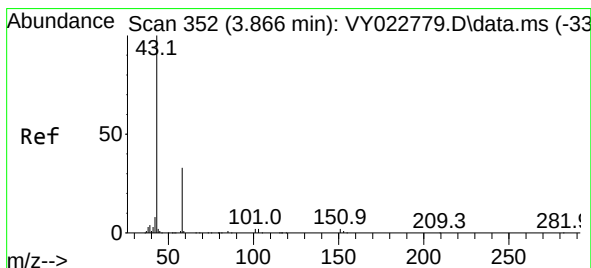
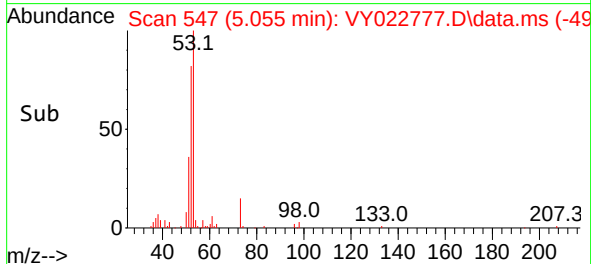
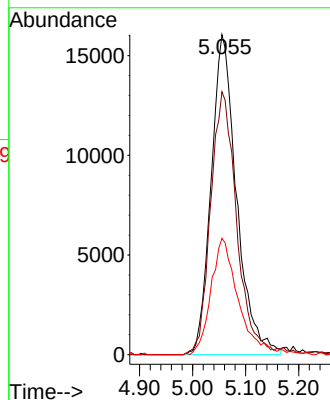
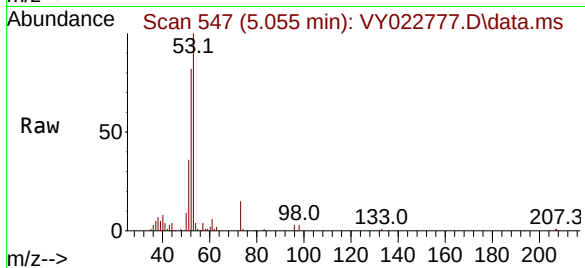
Tgt Ion: 53 Resp: 53484

Ion Ratio Lower Upper

53 100

52 83.7 65.0 97.4

51 39.6 30.1 45.1



#16

Acetone

Concen: 58.626 ug/l

RT: 3.866 min Scan# 352

Delta R.T. 0.000 min

Lab File: VY022777.D

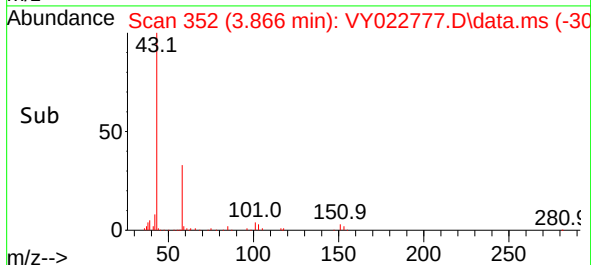
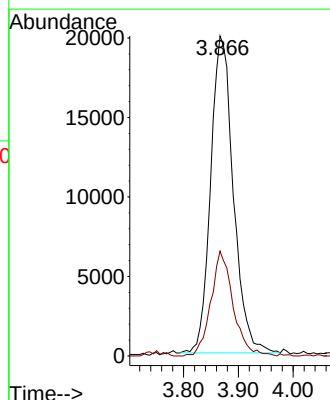
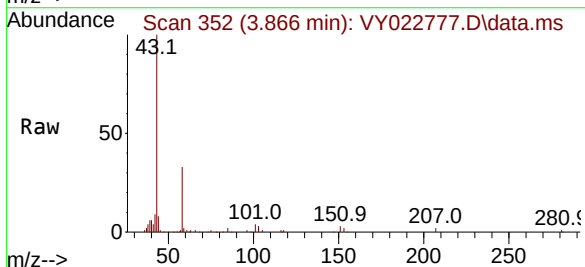
Acq: 23 Jun 2025 14:00

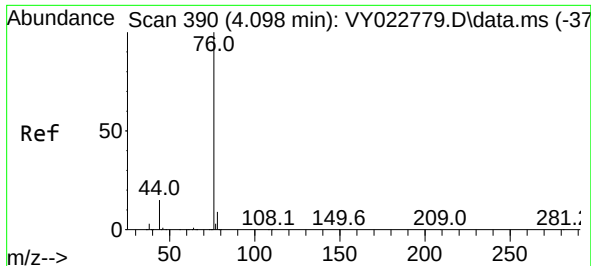
Tgt Ion: 43 Resp: 57265

Ion Ratio Lower Upper

43 100

58 33.0 27.7 41.5

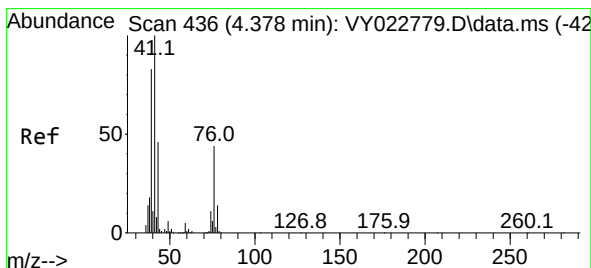
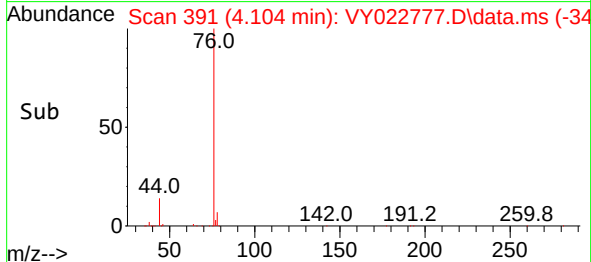
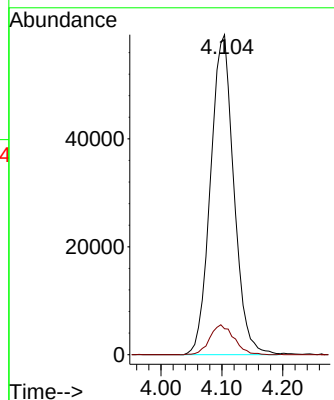
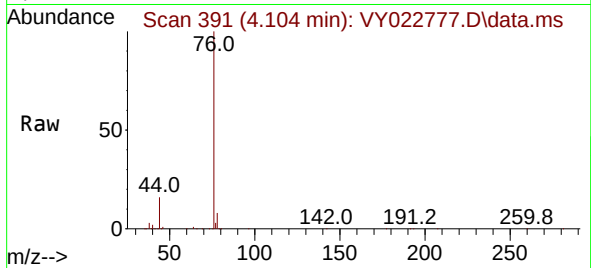




#17
Carbon Disulfide
Concen: 10.426 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

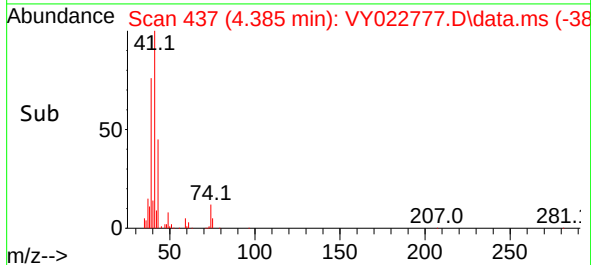
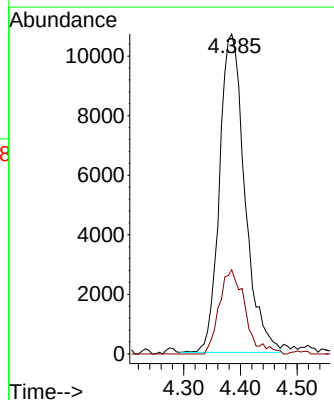
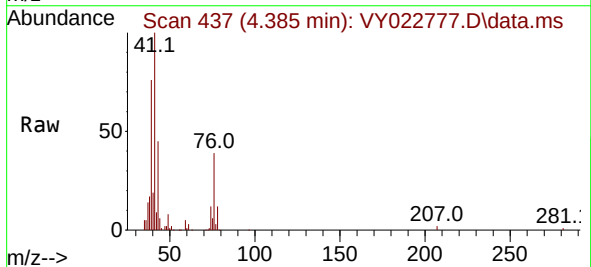
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

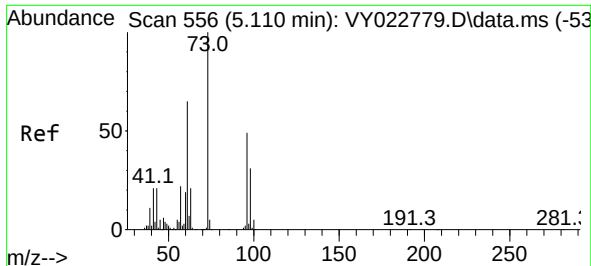
Tgt Ion: 76 Resp: 157862
Ion Ratio Lower Upper
76 100
78 8.1 7.6 11.4



#18
Methyl Acetate
Concen: 10.240 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion: 43 Resp: 33123
Ion Ratio Lower Upper
43 100
74 26.9 20.6 31.0





#19

Methyl tert-butyl Ether

Concen: 10.144 ug/l

RT: 5.110 min Scan# 511

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

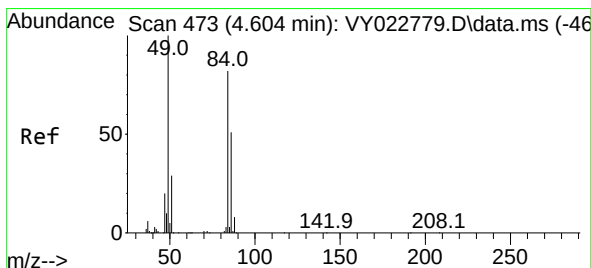
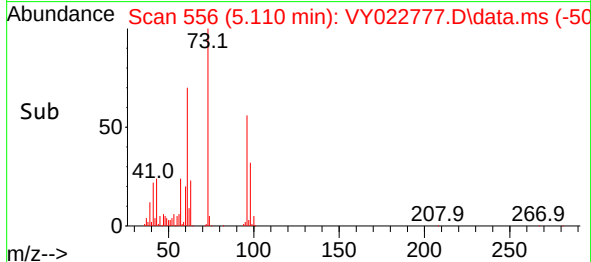
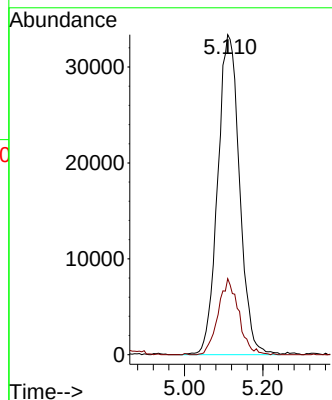
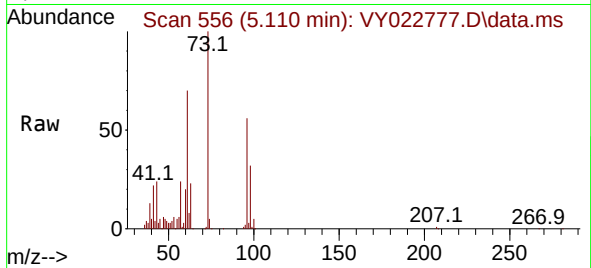
VSTDICC010

Tgt Ion: 73 Resp: 129453

Ion Ratio Lower Upper

73 100

57 23.8 17.7 26.5



#20

Methylene Chloride

Concen: 11.660 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Tgt Ion: 84 Resp: 71926

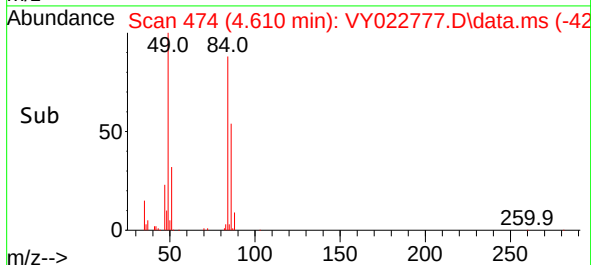
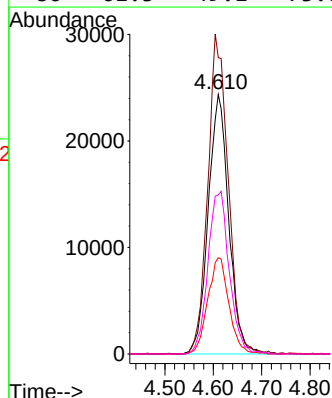
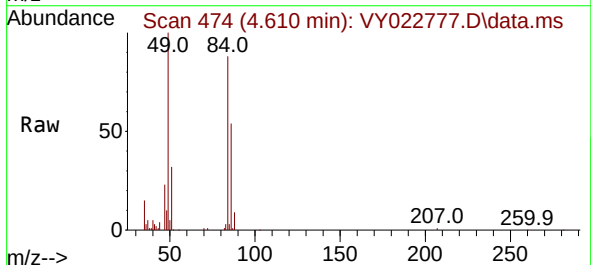
Ion Ratio Lower Upper

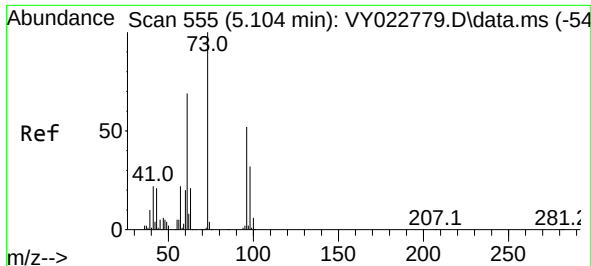
84 100

49 114.1 97.2 145.8

51 37.0 27.8 41.8

86 61.3 49.1 73.7

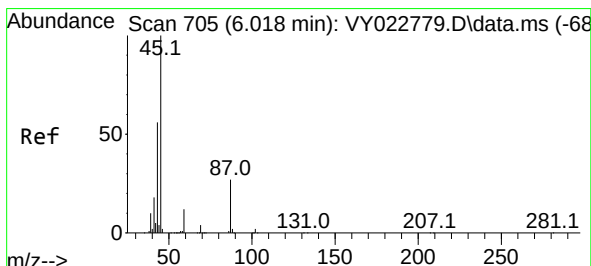
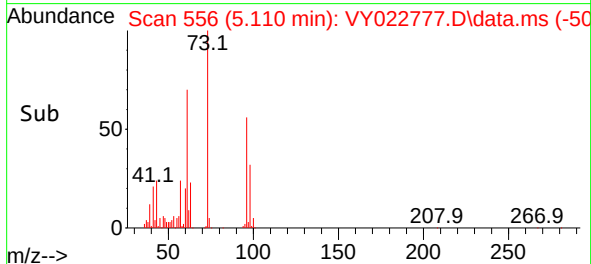
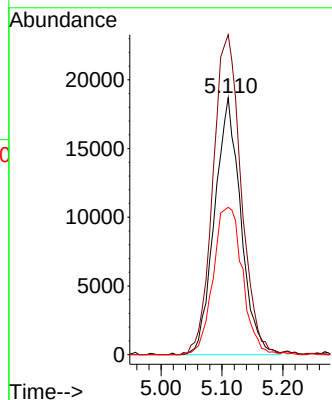
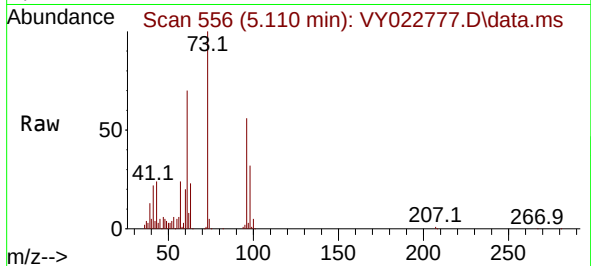




#21
trans-1,2-Dichloroethene
Concen: 10.442 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

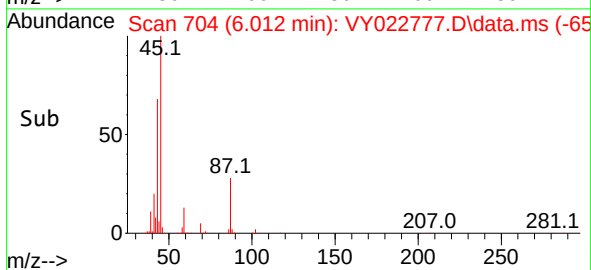
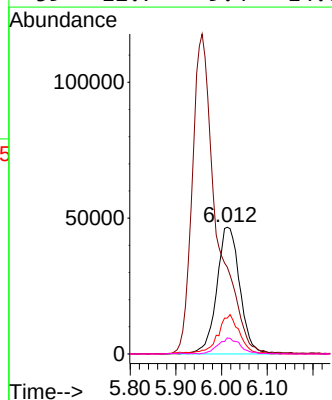
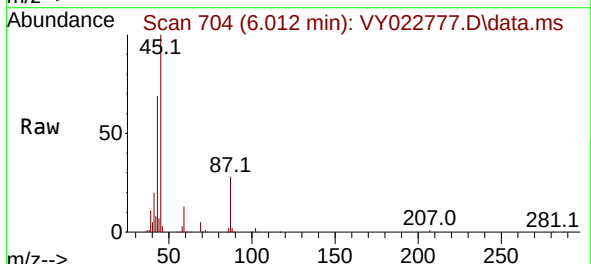
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

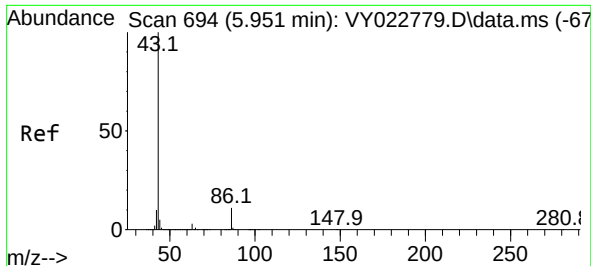
Tgt Ion: 96 Resp: 55933
Ion Ratio Lower Upper
96 100
61 124.5 107.2 160.8
98 57.3 49.1 73.7



#22
Diisopropyl ether
Concen: 10.194 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion: 45 Resp: 163202
Ion Ratio Lower Upper
45 100
43 67.4 44.6 66.8#
87 28.3 22.2 33.2
59 12.7 9.4 14.0

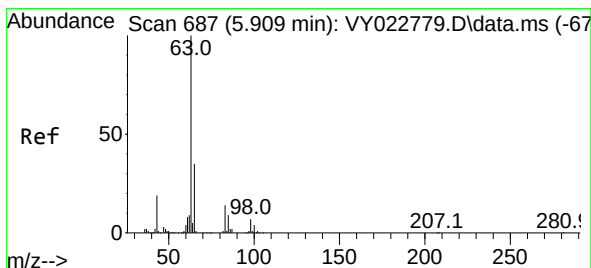
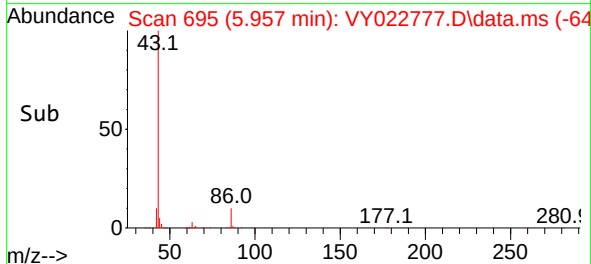
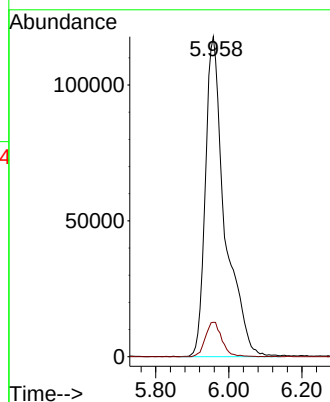
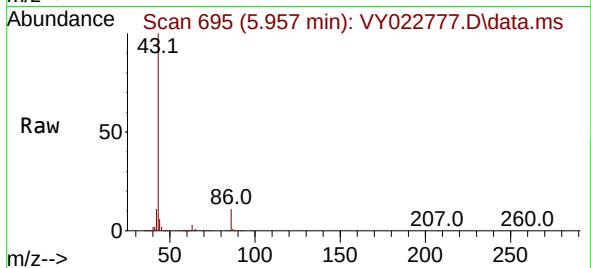




#23
 Vinyl Acetate
 Concen: 49.334 ug/l
 RT: 5.957 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY022777.D
 Acq: 23 Jun 2025 14:00

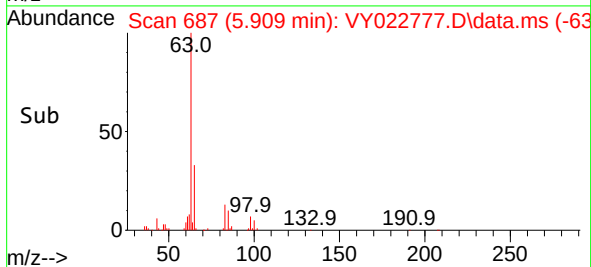
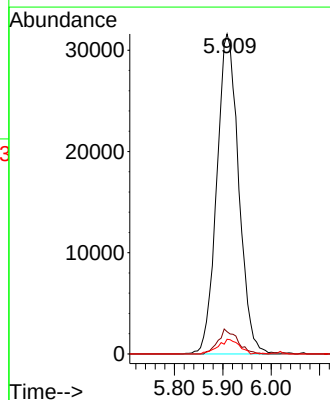
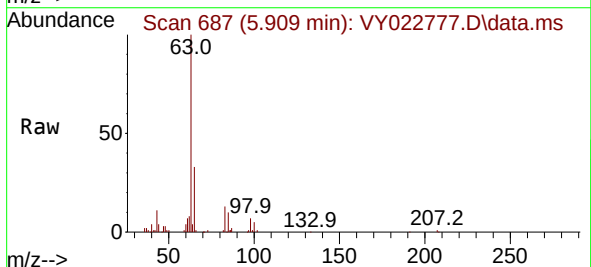
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

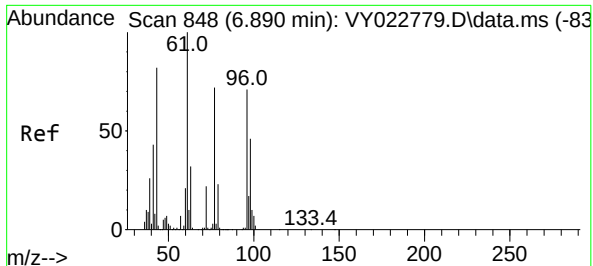
Tgt Ion: 43 Resp: 436202
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 10.297 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY022777.D
 Acq: 23 Jun 2025 14:00

Tgt Ion: 63 Resp: 99575
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.6 2.1 6.5

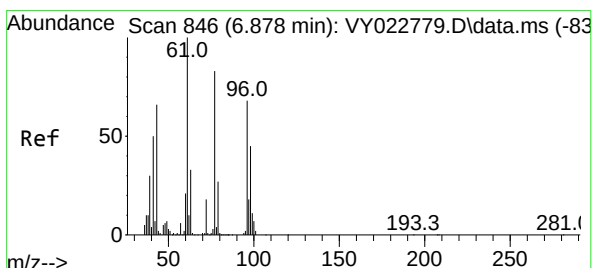
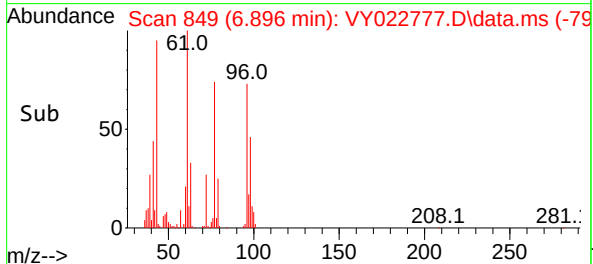
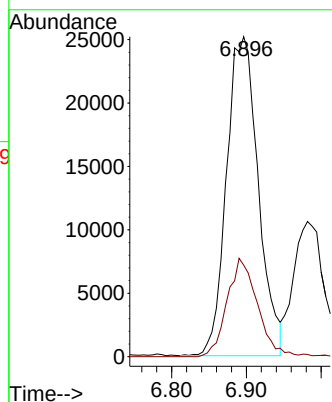
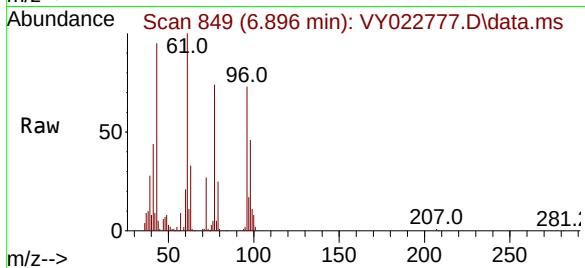




#25
2-Butanone
Concen: 52.267 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

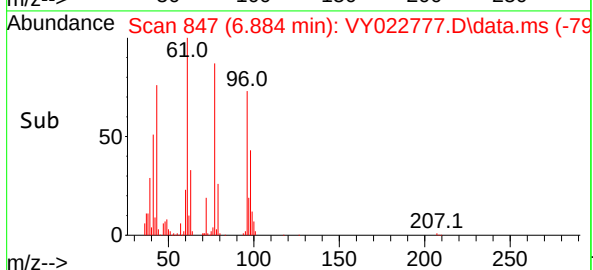
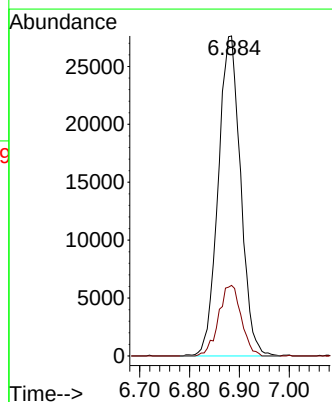
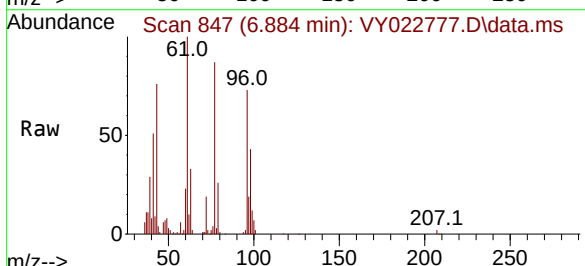
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

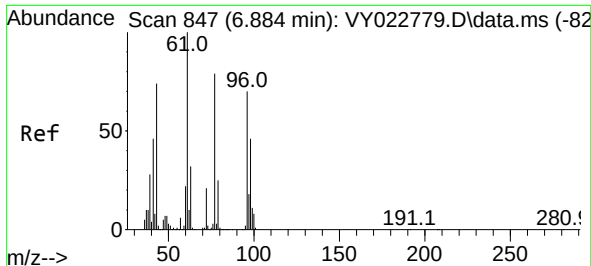
Tgt Ion: 43 Resp: 74304
Ion Ratio Lower Upper
43 100
72 28.7 21.9 32.9



#26
2,2-Dichloropropane
Concen: 10.624 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion: 77 Resp: 86121
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.9

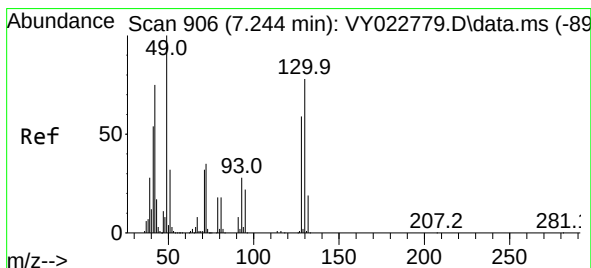
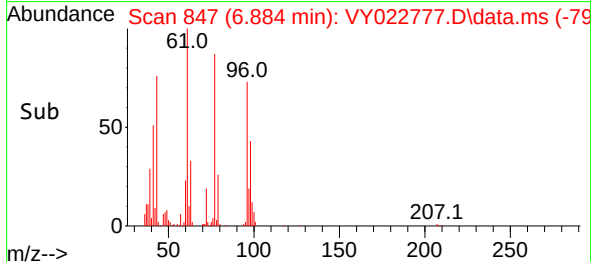
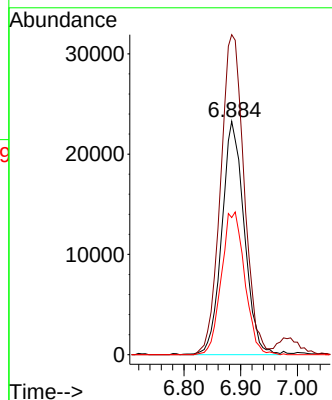
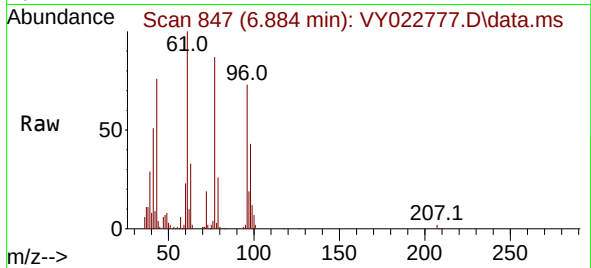




#27
 cis-1,2-Dichloroethene
 Concen: 10.254 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY022777.D
 Acq: 23 Jun 2025 14:00

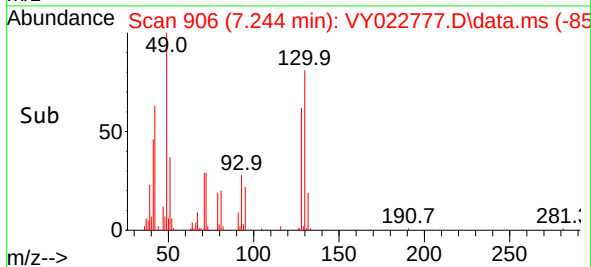
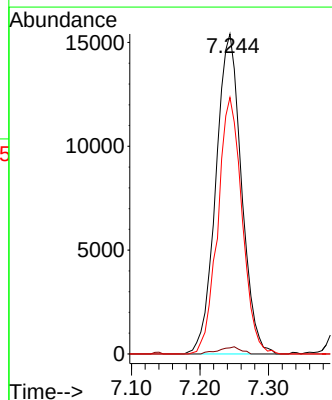
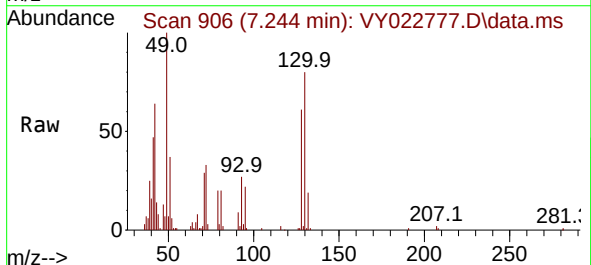
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

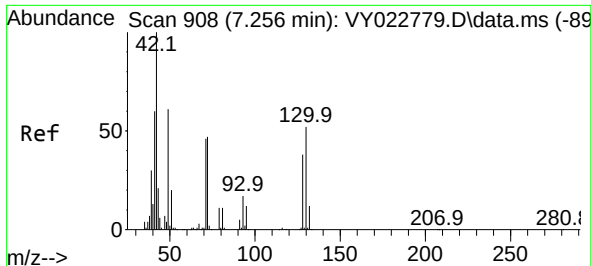
Tgt Ion: 96 Resp: 63822
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 291.6
 98 63.7 0.0 130.8



#28
 Bromochloromethane
 Concen: 9.815 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022777.D
 Acq: 23 Jun 2025 14:00

Tgt Ion: 49 Resp: 39901
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 76.1 59.9 89.9





#29

Tetrahydrofuran

Concen: 49.188 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

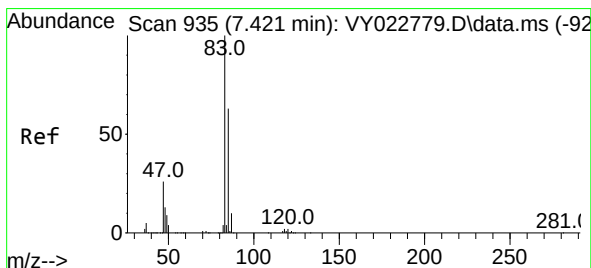
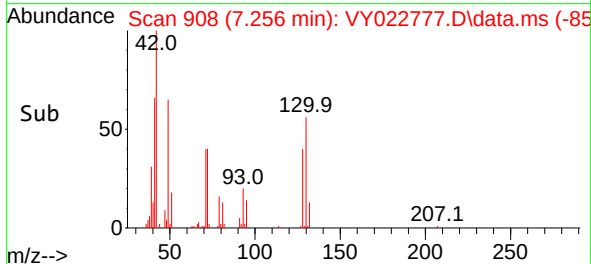
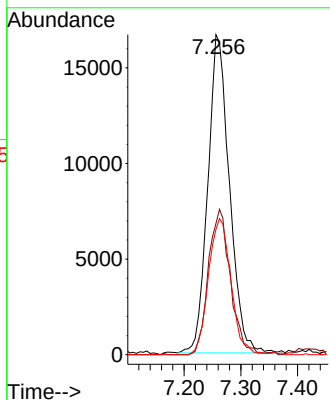
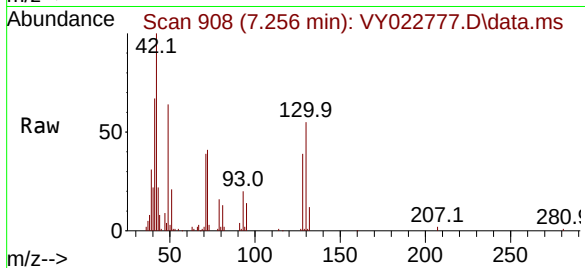
Tgt Ion: 42 Resp: 44155

Ion Ratio Lower Upper

42 100

72 46.2 37.4 56.2

71 44.4 35.4 53.2



#30

Chloroform

Concen: 10.503 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY022777.D

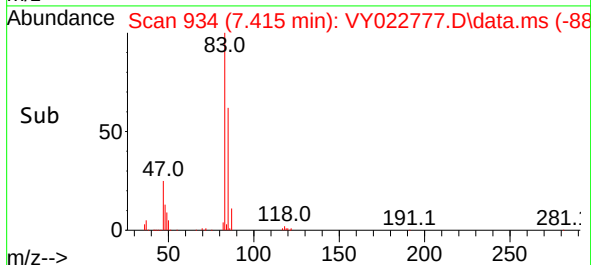
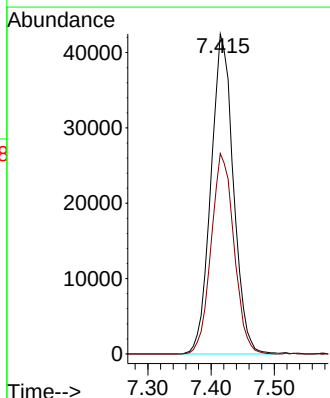
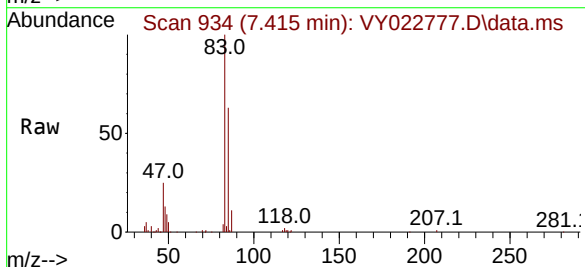
Acq: 23 Jun 2025 14:00

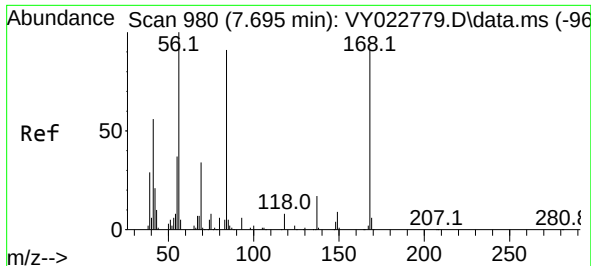
Tgt Ion: 83 Resp: 104609

Ion Ratio Lower Upper

83 100

85 62.7 50.1 75.1

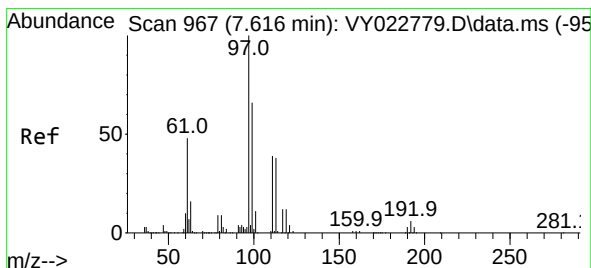
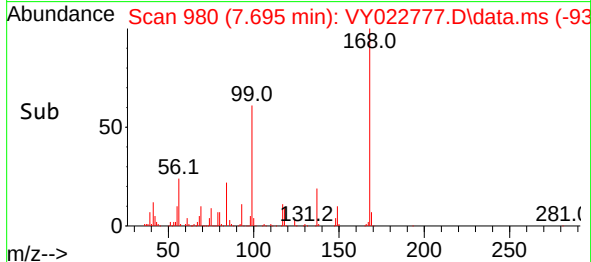
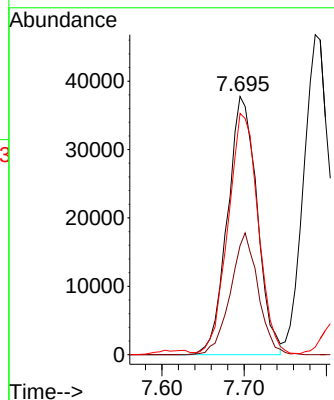
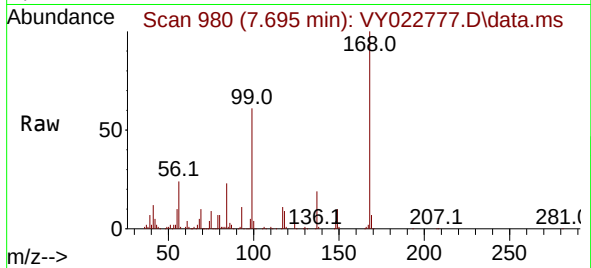




#31
Cyclohexane
Concen: 10.647 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

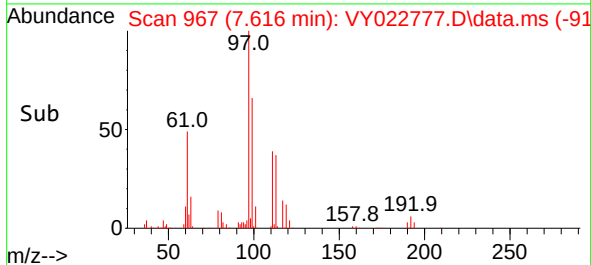
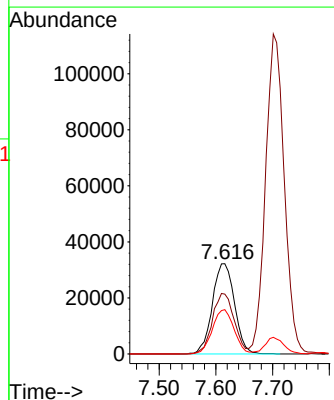
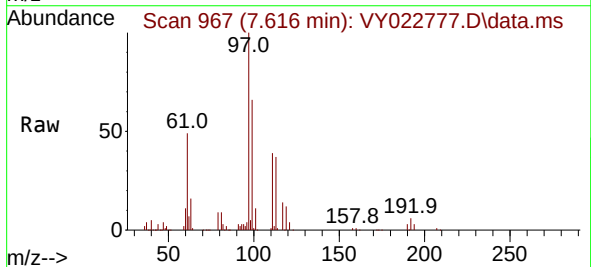
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

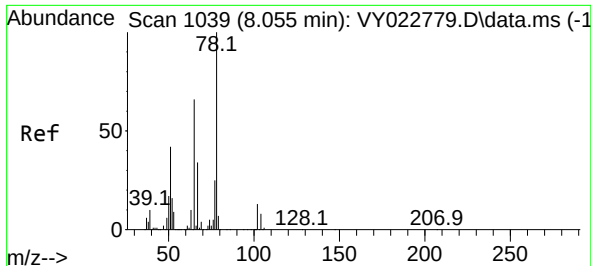
Tgt Ion: 56 Resp: 94507
Ion Ratio Lower Upper
56 100
69 42.2 27.4 41.0#
84 91.8 73.1 109.7



#32
1,1,1-Trichloroethane
Concen: 10.166 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion: 97 Resp: 87498
Ion Ratio Lower Upper
97 100
99 65.4 50.9 76.3
61 48.1 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 9.848 ug/l

RT: 8.061 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

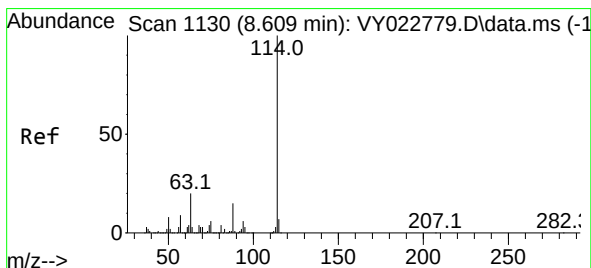
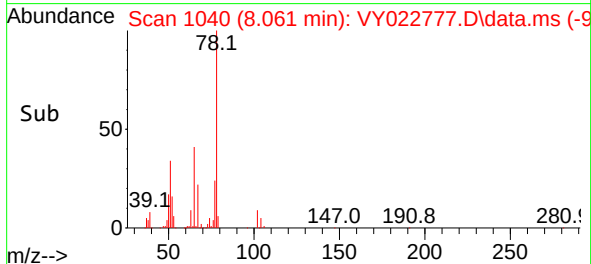
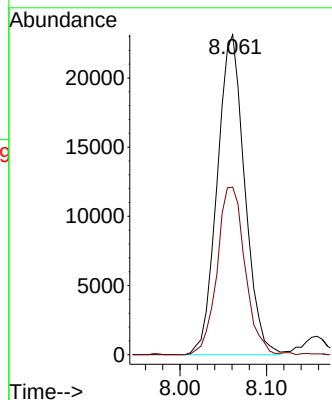
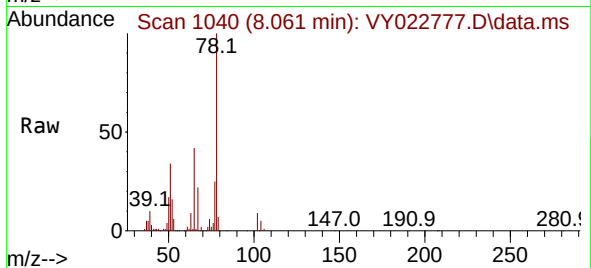
VSTDIC010

Tgt Ion: 65 Resp: 50892

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

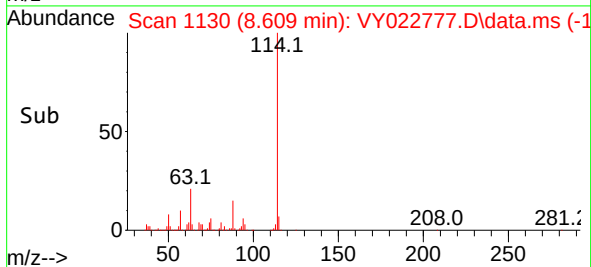
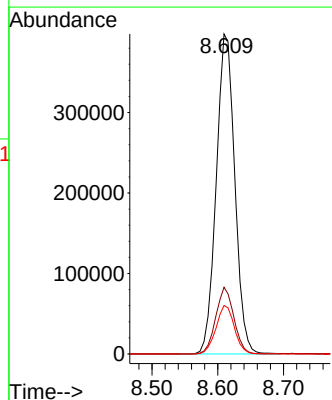
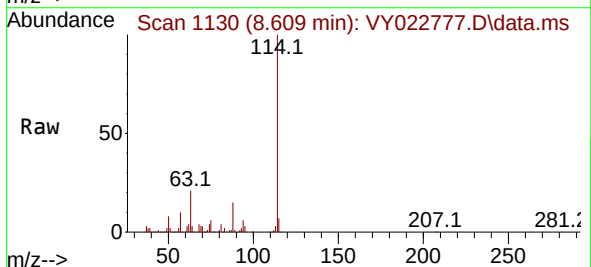
Tgt Ion: 114 Resp: 781463

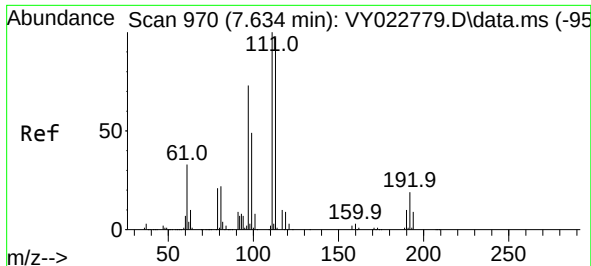
Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.8

88 15.1 0.0 30.4

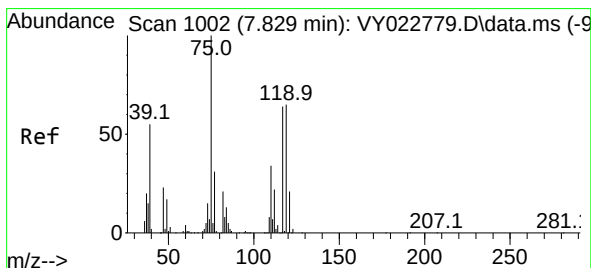
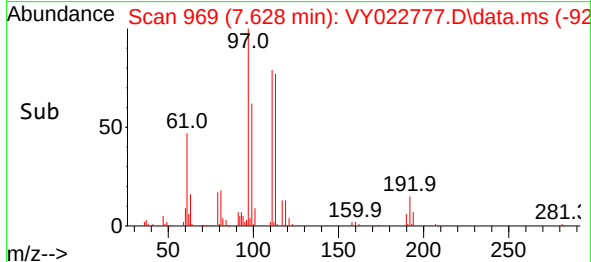
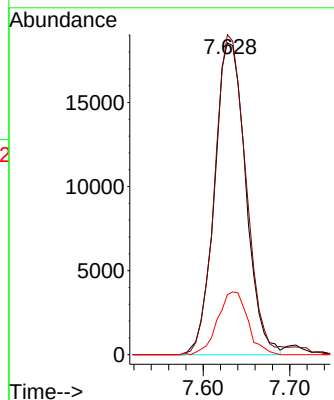
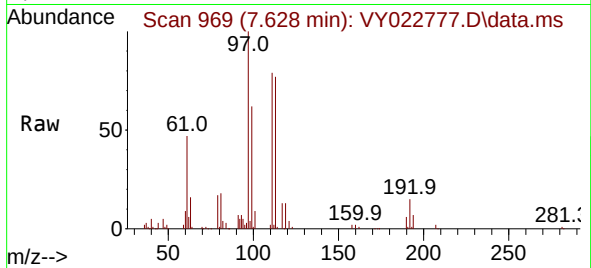




#35
Dibromofluoromethane
Concen: 9.763 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

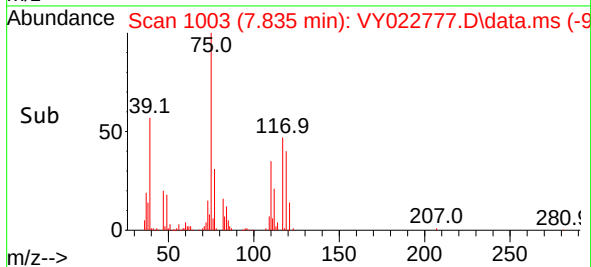
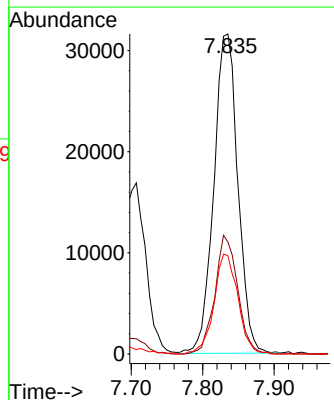
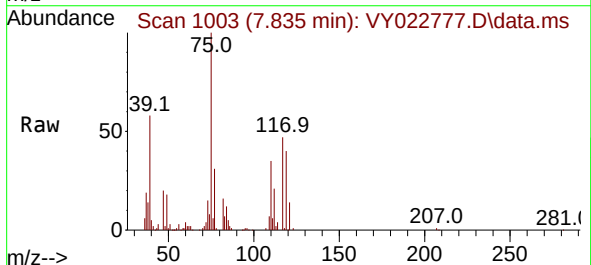
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

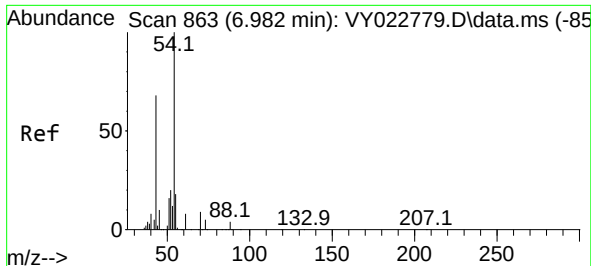
Tgt Ion:113 Resp: 46399
Ion Ratio Lower Upper
113 100
111 104.3 82.8 124.2
192 19.4 15.6 23.4



#36
1,1-Dichloropropene
Concen: 10.254 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion: 75 Resp: 73869
Ion Ratio Lower Upper
75 100
110 35.2 17.3 52.0
77 31.1 25.0 37.4

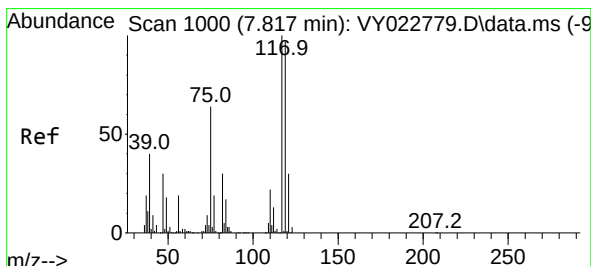
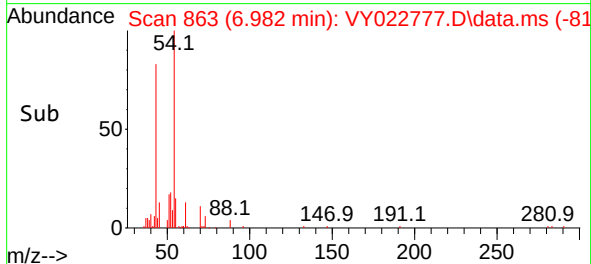
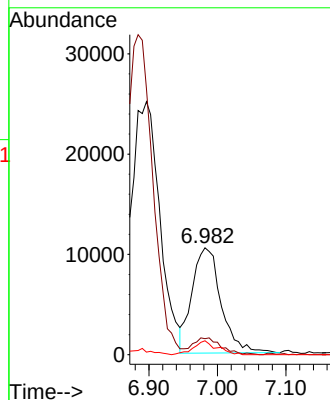
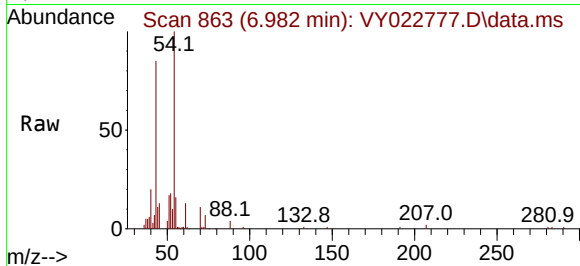




#37
Ethyl Acetate
Concen: 9.953 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

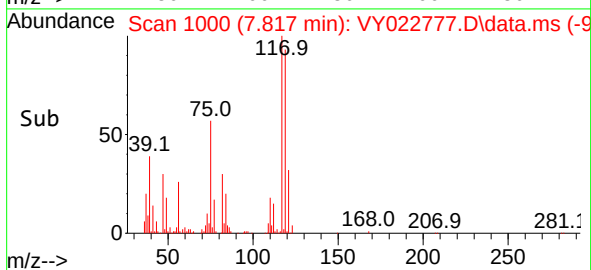
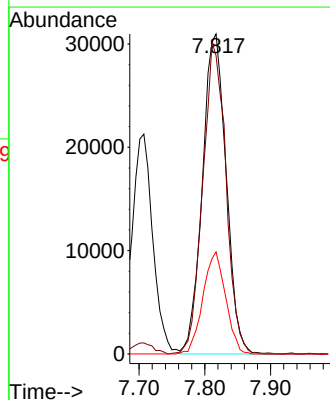
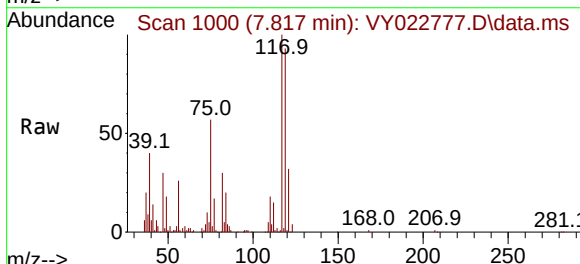
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

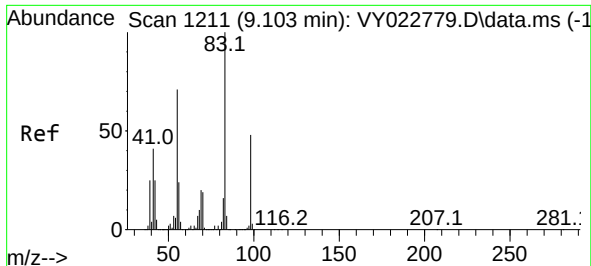
Tgt Ion: 43 Resp: 30940
Ion Ratio Lower Upper
43 100
61 15.5 11.7 17.5
70 10.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 10.238 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion: 117 Resp: 77817
Ion Ratio Lower Upper
117 100
119 93.3 77.5 116.3
121 31.9 24.1 36.1





#39

Methylcyclohexane

Concen: 9.876 ug/l

RT: 9.103 min Scan# 1211

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

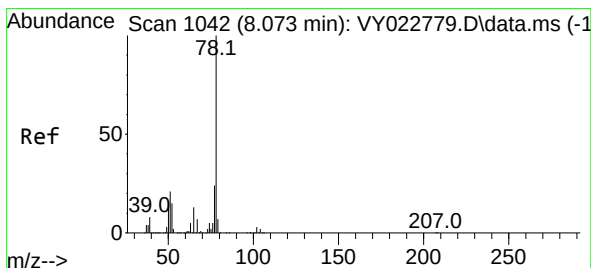
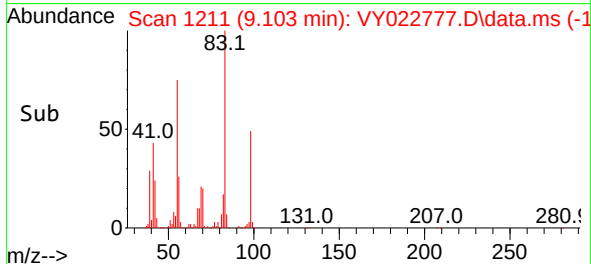
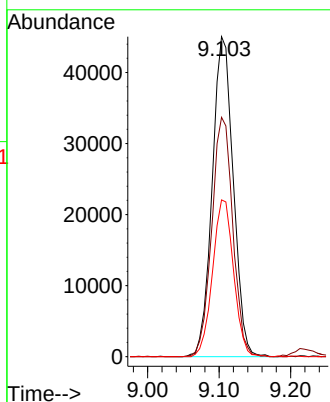
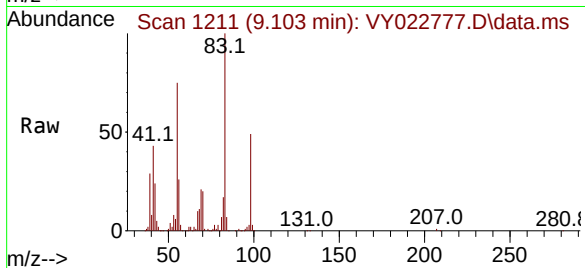
Tgt Ion: 83 Resp: 92069

Ion Ratio Lower Upper

83 100

55 74.8 56.6 84.8

98 49.0 38.1 57.1



#40

Benzene

Concen: 10.113 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY022777.D

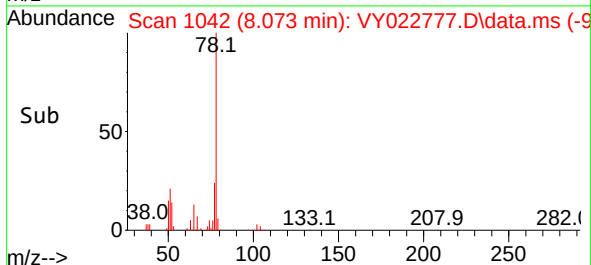
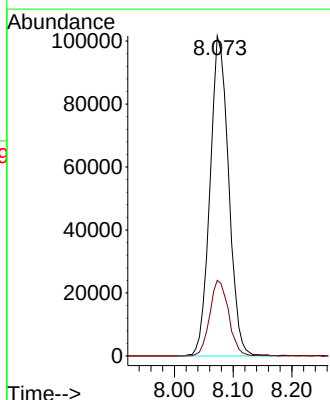
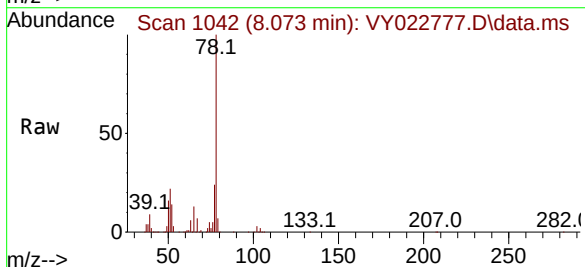
Acq: 23 Jun 2025 14:00

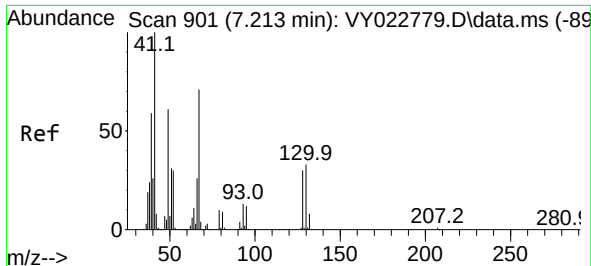
Tgt Ion: 78 Resp: 223979

Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7

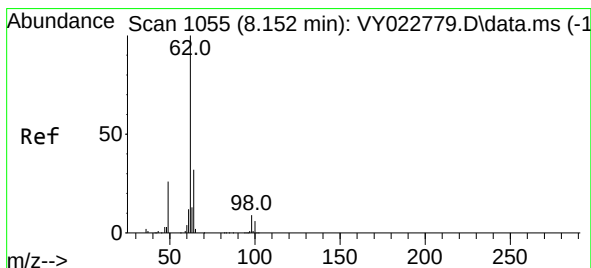
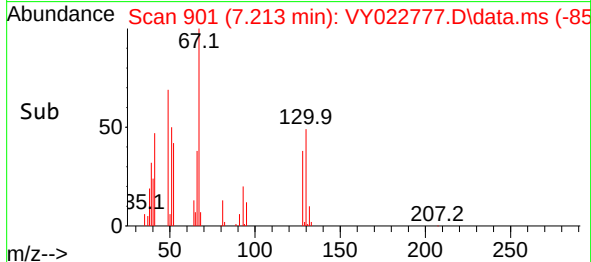
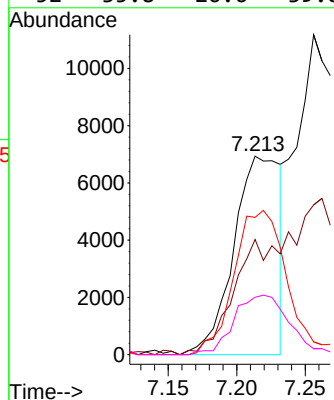
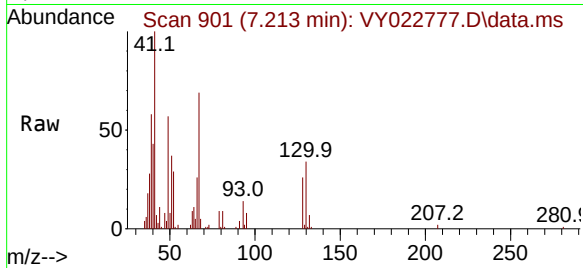




#41
Methacrylonitrile
Concen: 8.345 ug/l
RT: 7.213 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

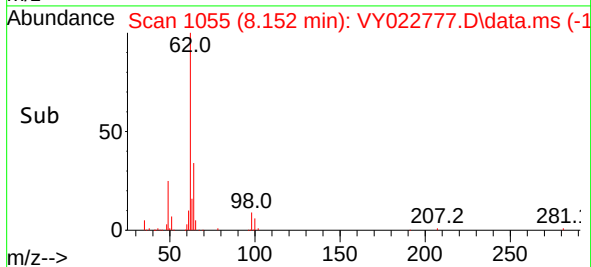
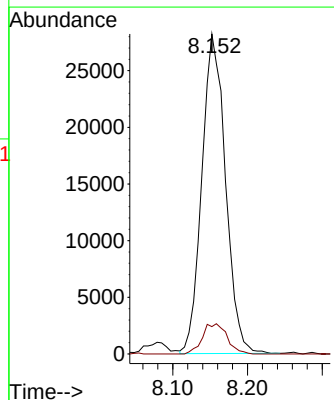
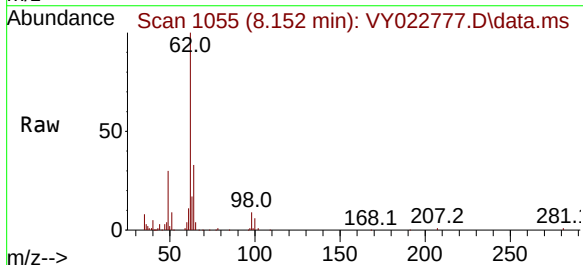
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

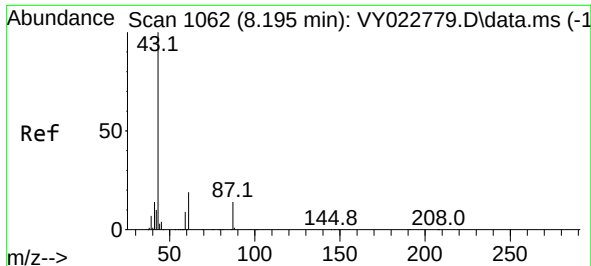
Tgt Ion: 41 Resp: 16364
Ion Ratio Lower Upper
41 100
39 39.9 44.7 67.1#
67 82.3 63.1 94.7
52 35.8 26.6 39.8



#42
1,2-Dichloroethane
Concen: 10.217 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion: 62 Resp: 62006
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.6

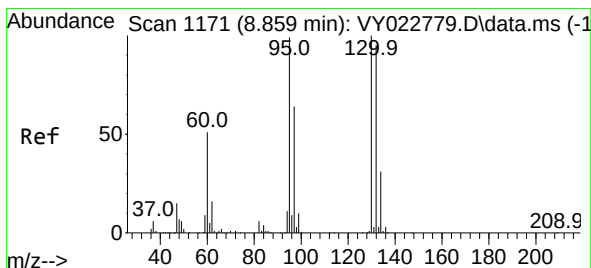
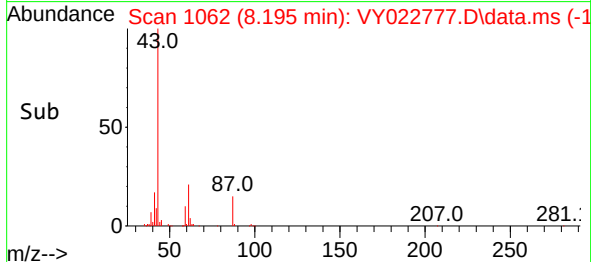
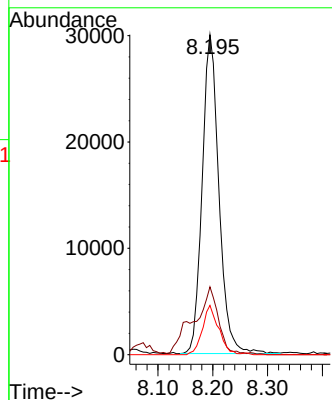
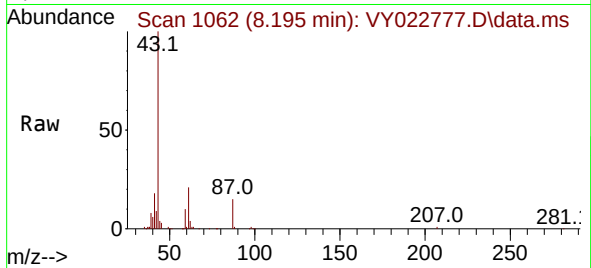




#43
Isopropyl Acetate
Concen: 9.859 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

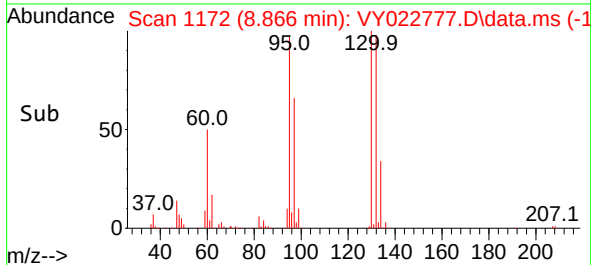
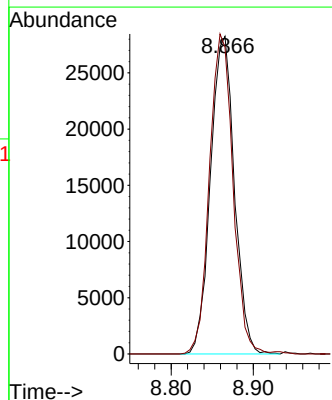
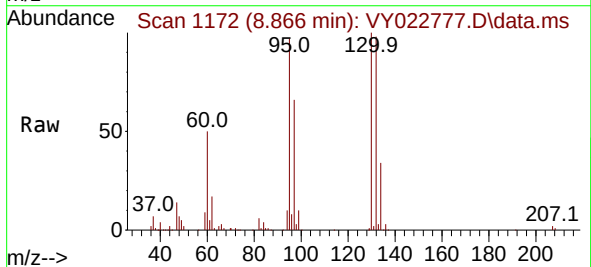
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

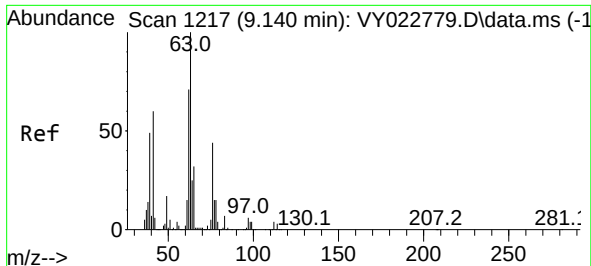
Tgt Ion: 43 Resp: 63693
Ion Ratio Lower Upper
43 100
61 19.7 16.7 25.1
87 14.9 11.0 16.4



#44
Trichloroethene
Concen: 10.241 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion:130 Resp: 56947
Ion Ratio Lower Upper
130 100
95 96.6 0.0 197.2





#45

1,2-Dichloropropane

Concen: 10.233 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

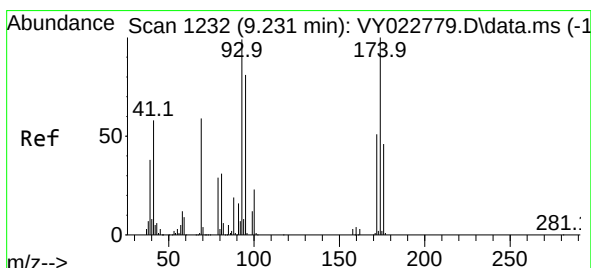
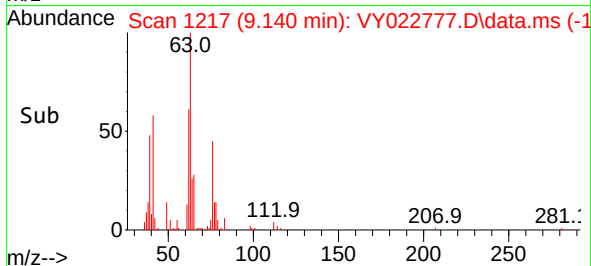
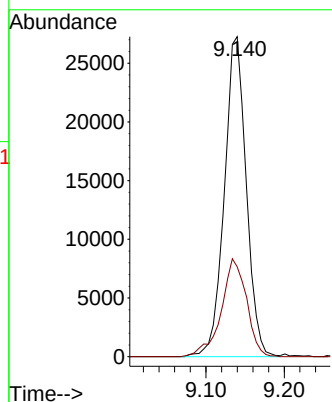
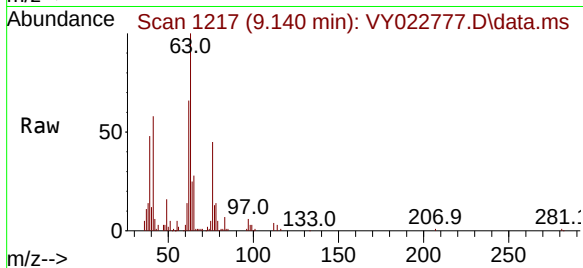
VSTDIC010

Tgt Ion: 63 Resp: 53045

Ion Ratio Lower Upper

63 100

65 28.1 25.3 37.9



#46

Dibromomethane

Concen: 10.237 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

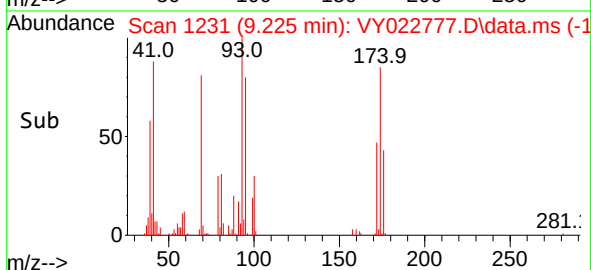
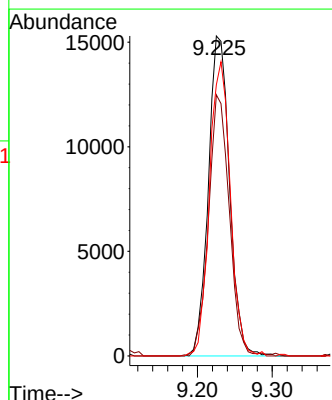
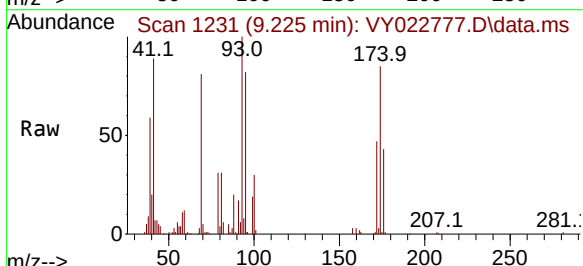
Tgt Ion: 93 Resp: 30124

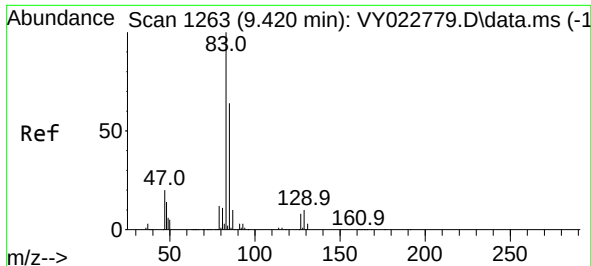
Ion Ratio Lower Upper

93 100

95 80.2 66.4 99.6

174 90.5 76.7 115.1





#47

Bromodichloromethane

Concen: 10.188 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

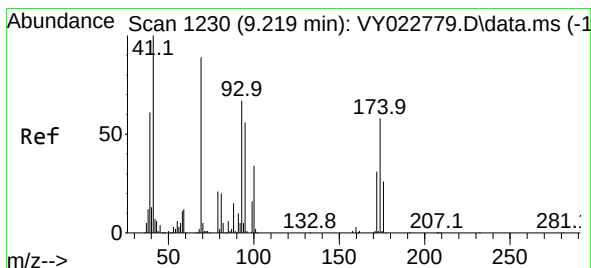
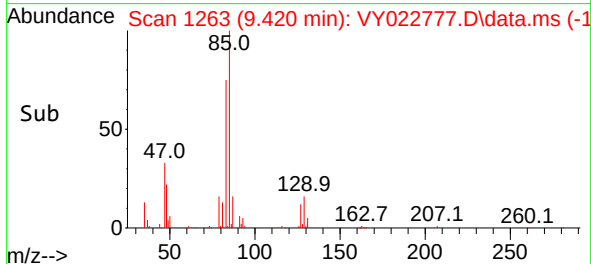
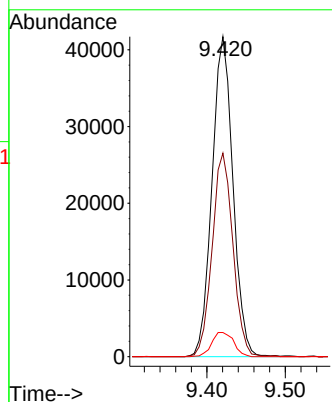
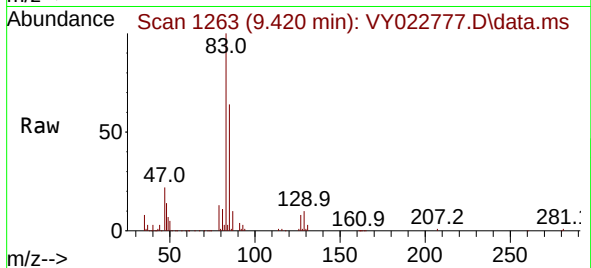
Tgt Ion: 83 Resp: 77307

Ion Ratio Lower Upper

83 100

85 63.6 51.5 77.3

127 7.5 6.4 9.6



#48

Methyl methacrylate

Concen: 9.713 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

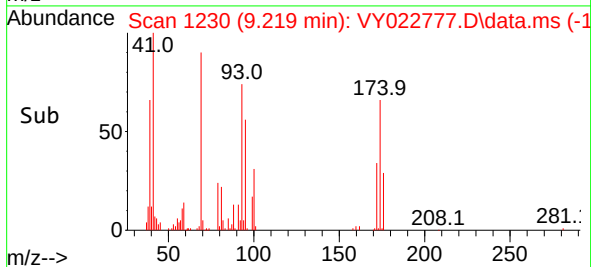
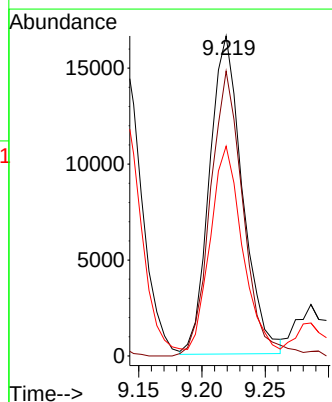
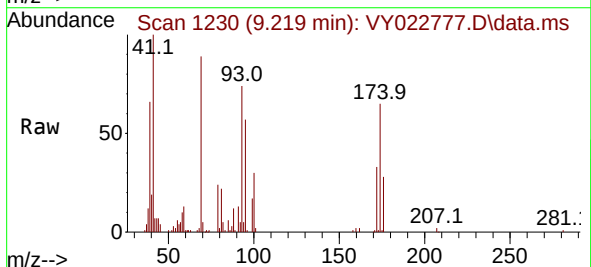
Tgt Ion: 41 Resp: 30168

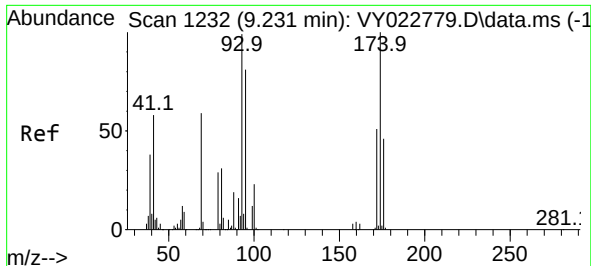
Ion Ratio Lower Upper

41 100

69 89.1 70.6 105.8

39 61.5 50.2 75.4





#49

1,4-Dioxane

Concen: 195.052 ug/l

RT: 9.225 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

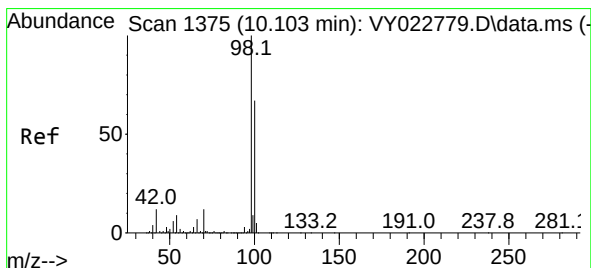
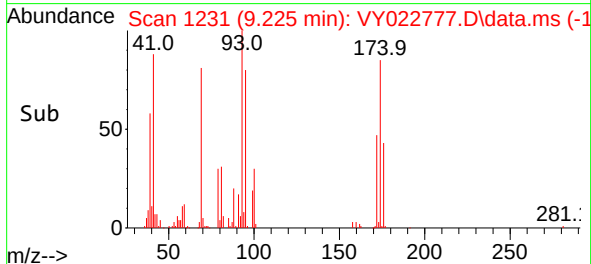
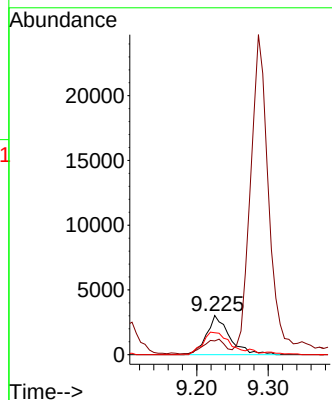
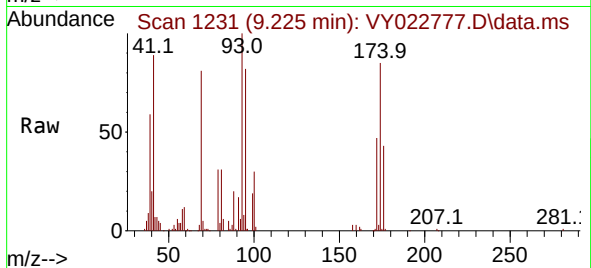
Tgt Ion: 88 Resp: 6781

Ion Ratio Lower Upper

88 100

43 35.6 27.6 41.4

58 71.4 50.6 75.8



#50

Toluene-d8

Concen: 9.514 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022777.D

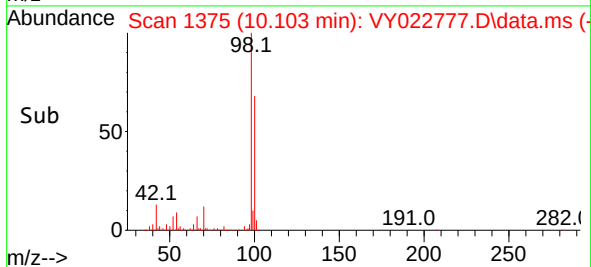
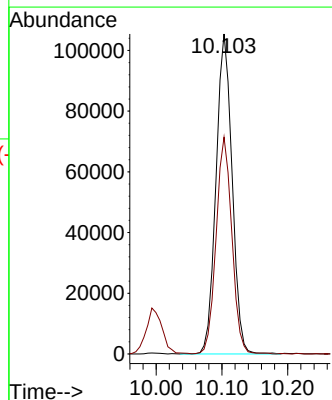
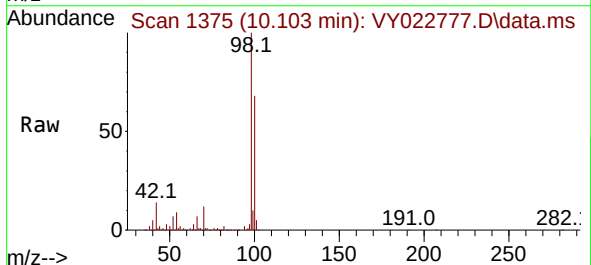
Acq: 23 Jun 2025 14:00

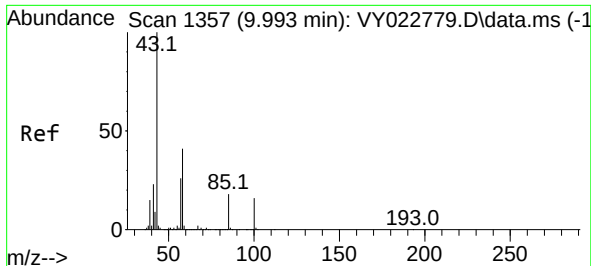
Tgt Ion: 98 Resp: 179425

Ion Ratio Lower Upper

98 100

100 66.5 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 47.750 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

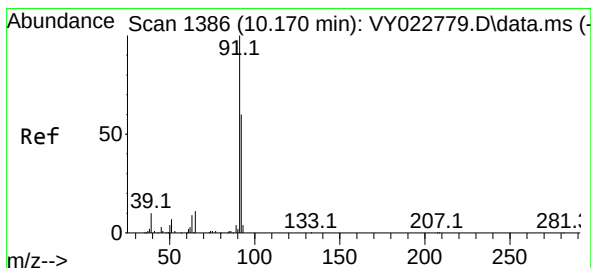
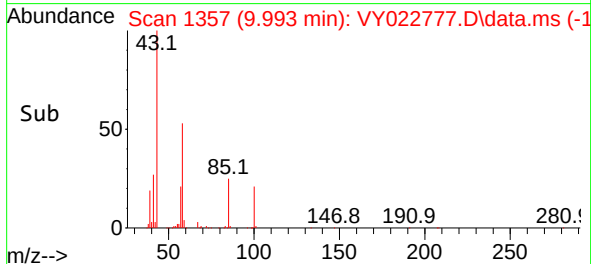
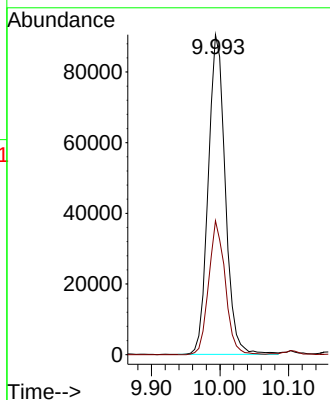
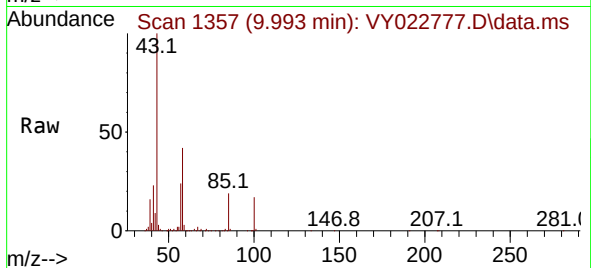
VSTDIC010

Tgt Ion: 43 Resp: 156769

Ion Ratio Lower Upper

43 100

58 40.7 32.9 49.3



#52

Toluene

Concen: 9.771 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. -0.006 min

Lab File: VY022777.D

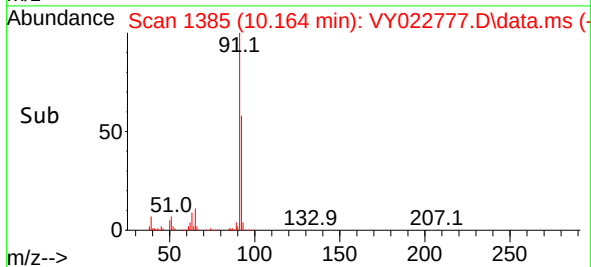
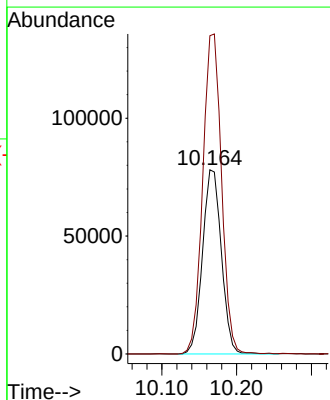
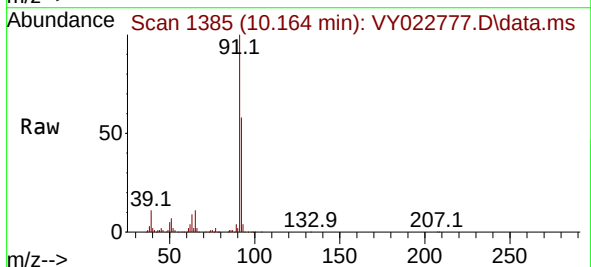
Acq: 23 Jun 2025 14:00

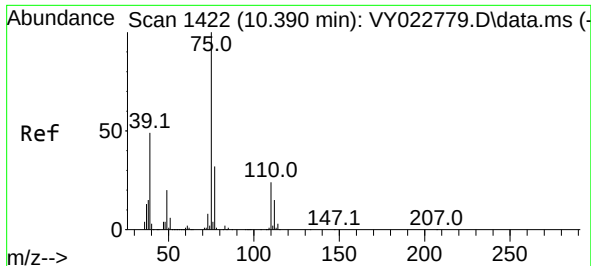
Tgt Ion: 92 Resp: 136520

Ion Ratio Lower Upper

92 100

91 173.2 137.2 205.8

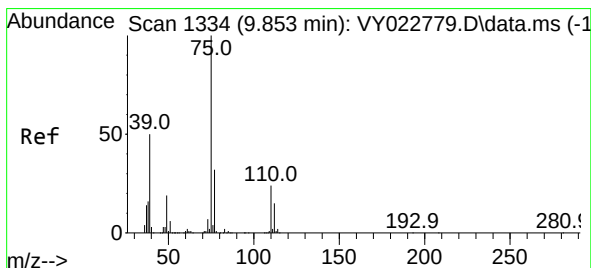
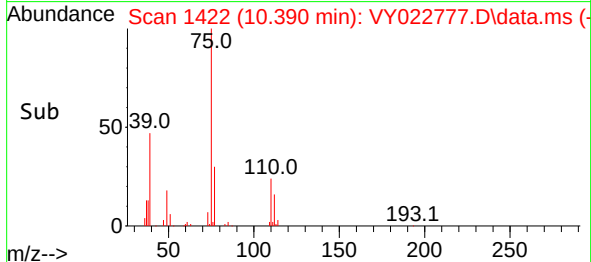
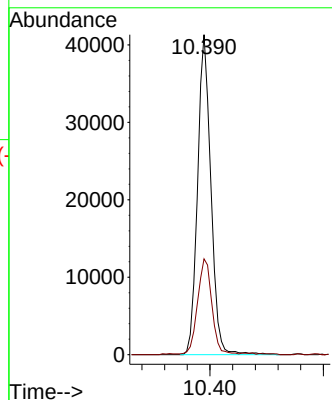
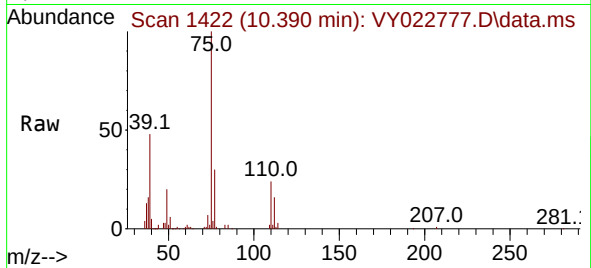




#53
 t-1,3-Dichloropropene
 Concen: 9.848 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY022777.D
 Acq: 23 Jun 2025 14:00

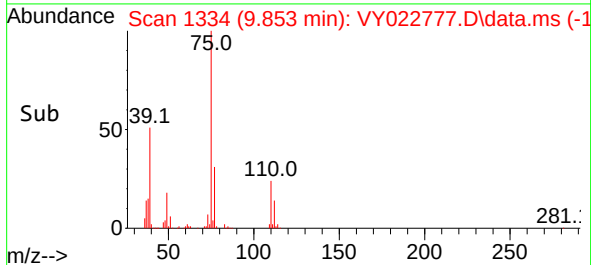
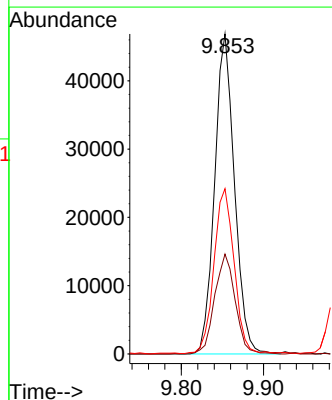
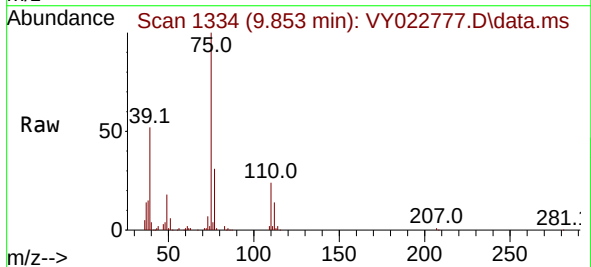
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

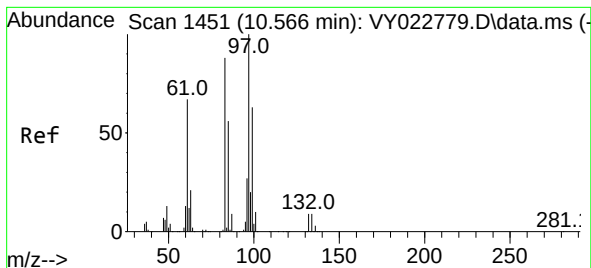
Tgt Ion: 75 Resp: 67233
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 9.932 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022777.D
 Acq: 23 Jun 2025 14:00

Tgt Ion: 75 Resp: 78622
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.8 38.8
 39 51.5 40.2 60.2





#55

1,1,2-Trichloroethane

Concen: 10.208 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 38897

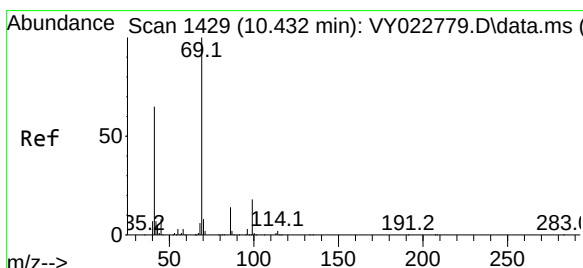
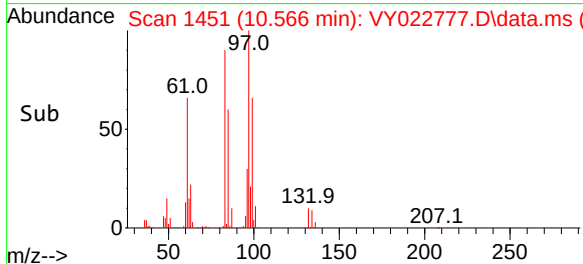
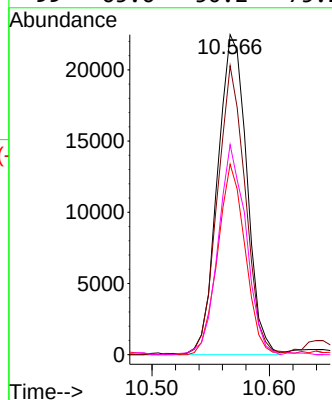
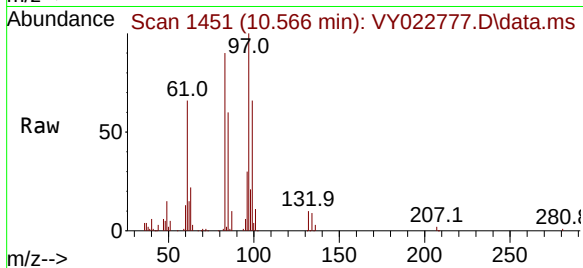
Ion Ratio Lower Upper

97 100

83 90.0 70.6 106.0

85 59.6 45.0 67.4

99 65.6 50.2 75.2



#56

Ethyl methacrylate

Concen: 9.018 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

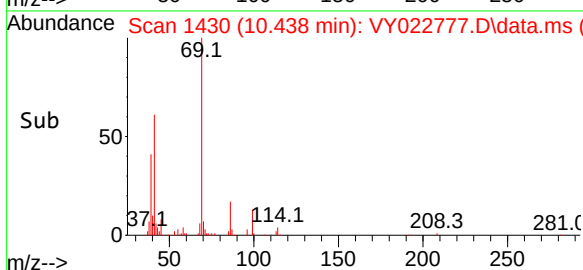
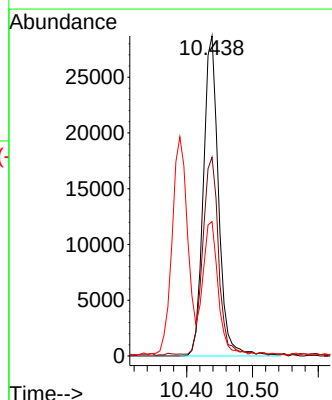
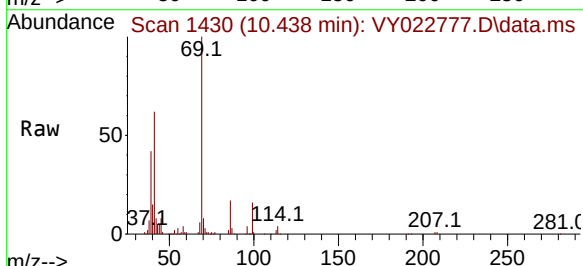
Tgt Ion: 69 Resp: 46228

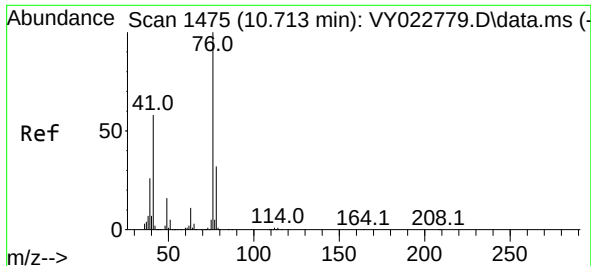
Ion Ratio Lower Upper

69 100

41 63.4 51.2 76.8

39 41.0 31.4 47.2





#57

1,3-Dichloropropane

Concen: 10.068 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

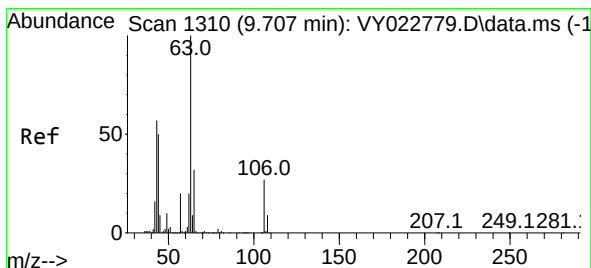
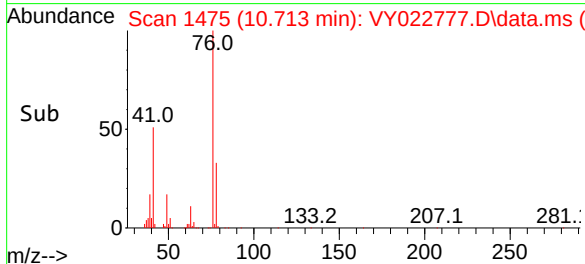
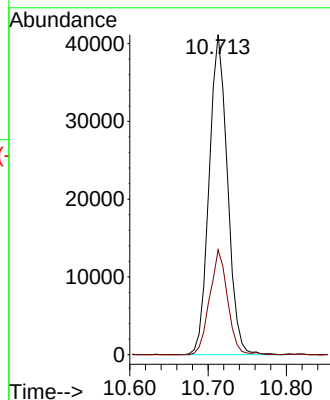
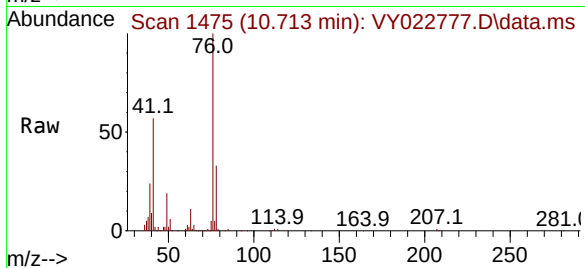
VSTDIC010

Tgt Ion: 76 Resp: 66930

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 54.985 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022777.D

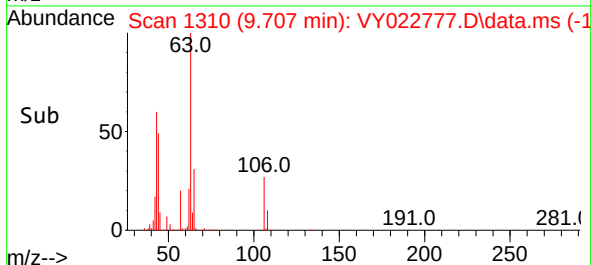
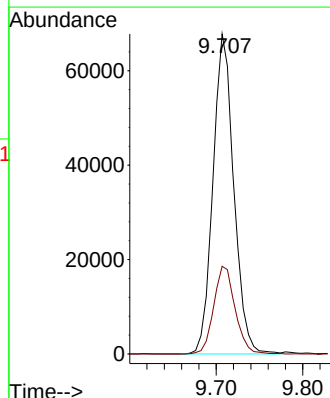
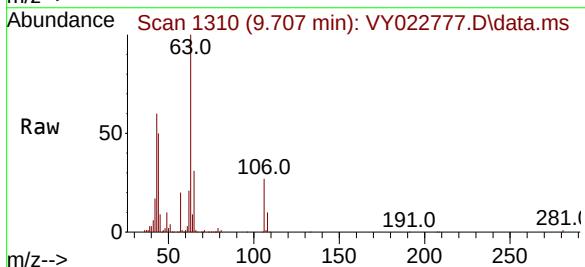
Acq: 23 Jun 2025 14:00

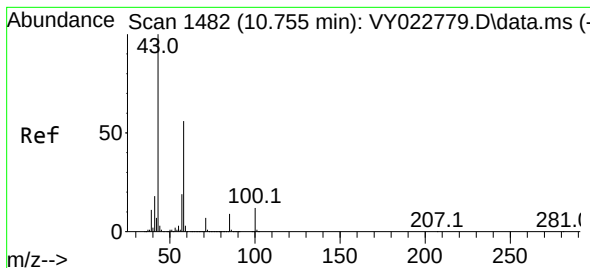
Tgt Ion: 63 Resp: 113045

Ion Ratio Lower Upper

63 100

106 28.2 22.3 33.5

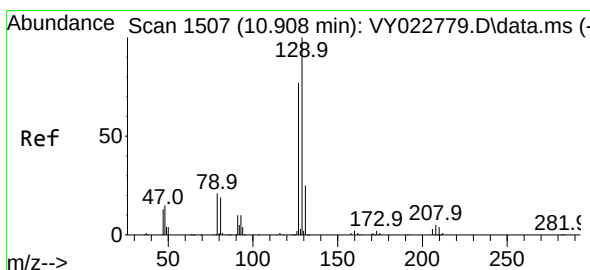
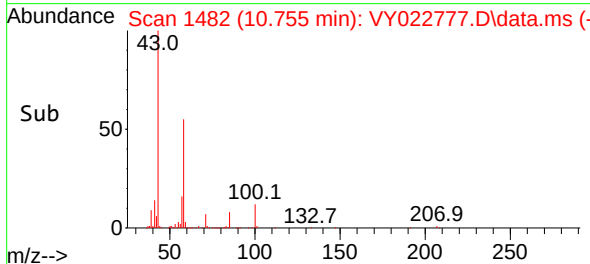
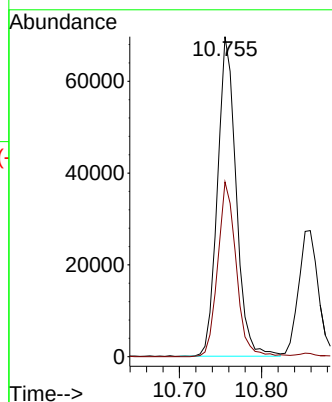
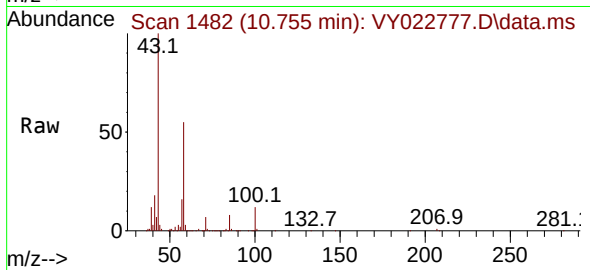




#59
2-Hexanone
Concen: 49.099 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

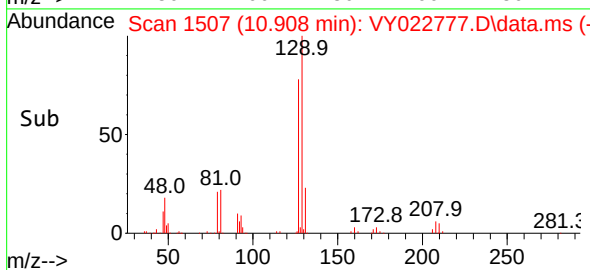
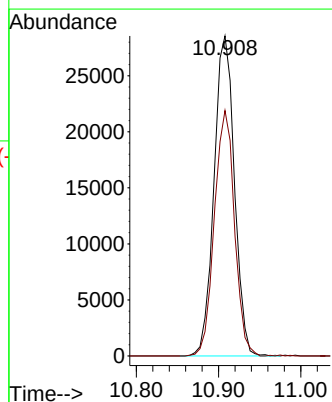
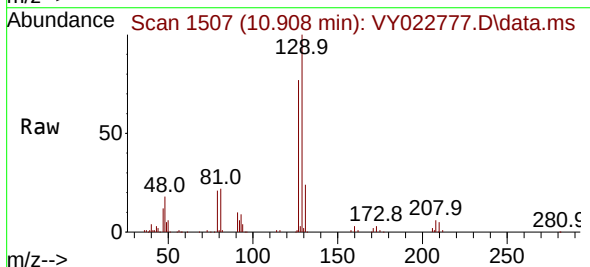
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

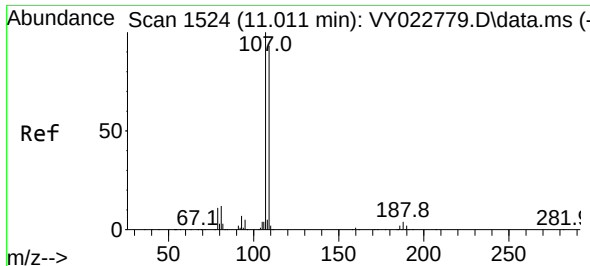
Tgt Ion: 43 Resp: 109594
Ion Ratio Lower Upper
43 100
58 54.4 28.0 83.9



#60
Dibromochloromethane
Concen: 9.994 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion: 129 Resp: 49185
Ion Ratio Lower Upper
129 100
127 75.6 38.4 115.1

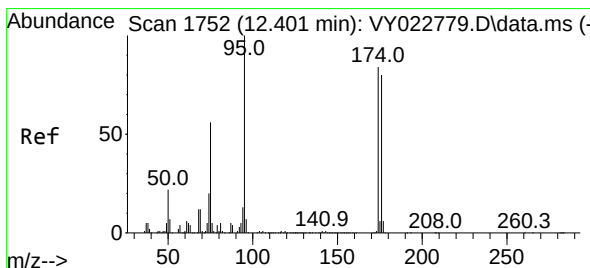
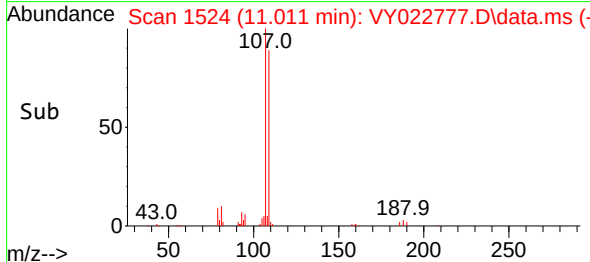
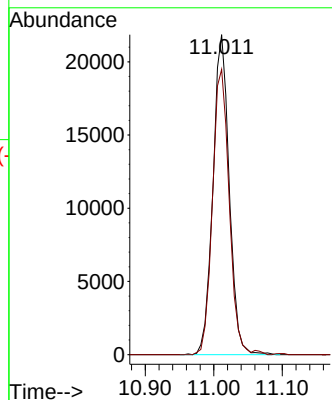
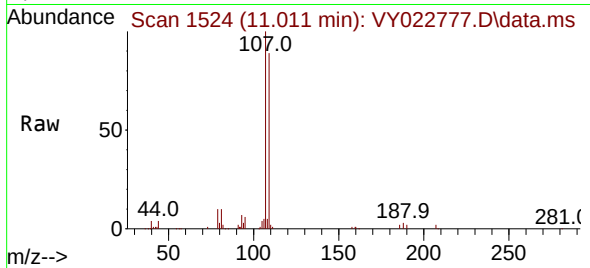




#61
1,2-Dibromoethane
Concen: 10.105 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

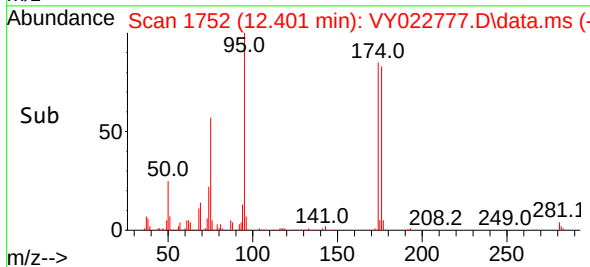
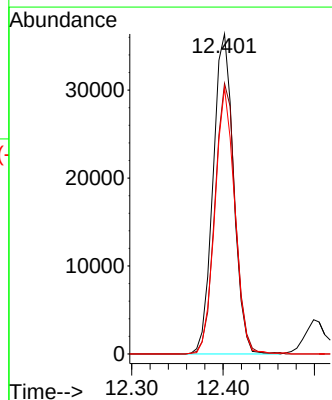
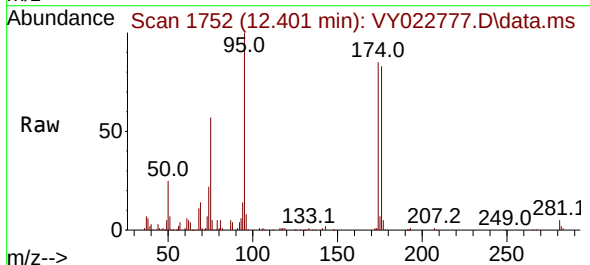
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

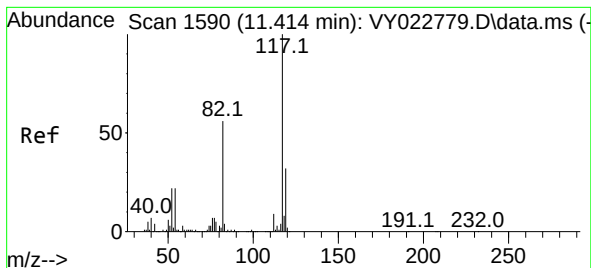
Tgt Ion:107 Resp: 36029
Ion Ratio Lower Upper
107 100
109 91.7 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 9.332 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion: 95 Resp: 56575
Ion Ratio Lower Upper
95 100
174 84.5 0.0 168.2
176 80.8 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

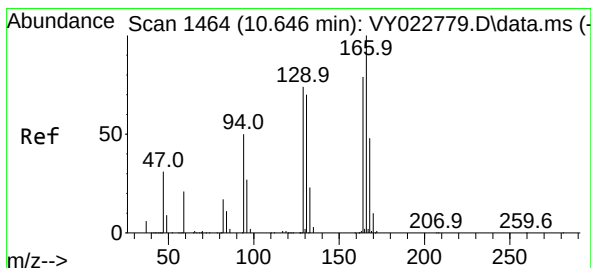
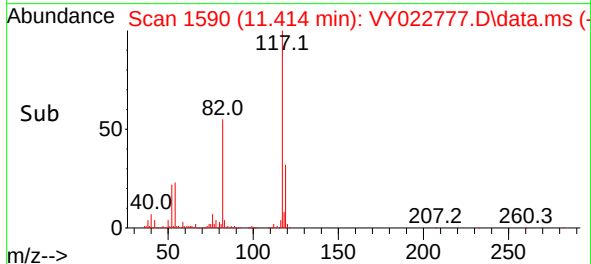
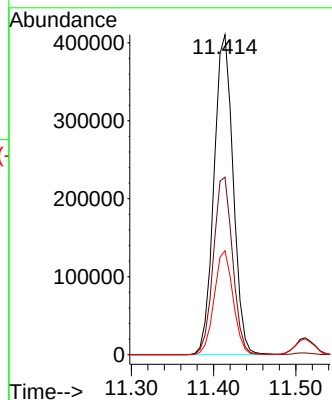
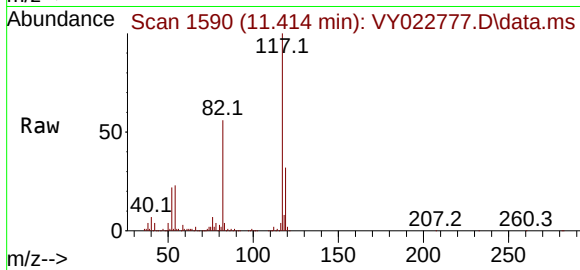
Tgt Ion:117 Resp: 664424

Ion Ratio Lower Upper

117 100

82 55.5 45.1 67.7

119 32.5 25.4 38.0



#64

Tetrachloroethene

Concen: 9.845 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Tgt Ion:164 Resp: 61796

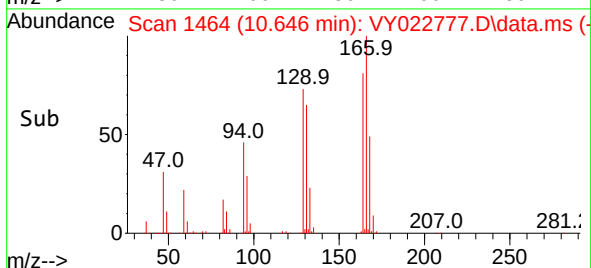
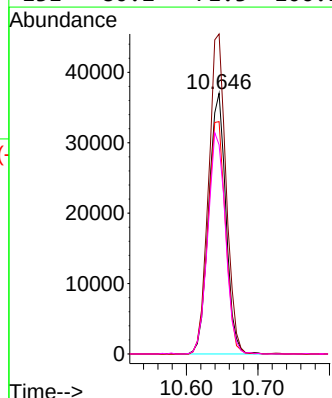
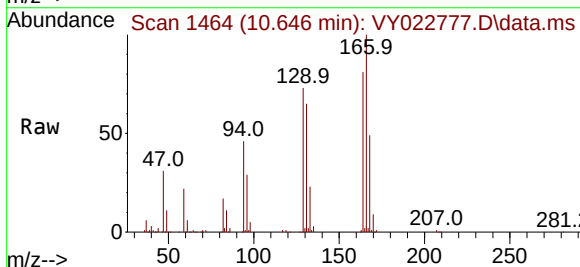
Ion Ratio Lower Upper

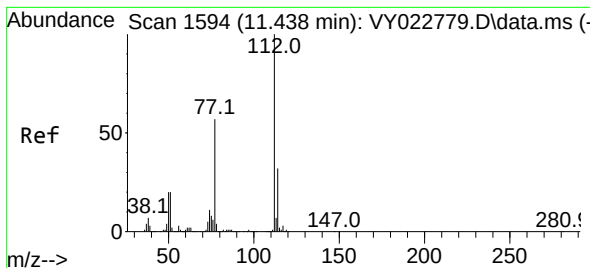
164 100

166 122.8 101.2 151.8

129 89.1 74.7 112.1

131 80.2 71.3 106.9





#65

Chlorobenzene

Concen: 10.101 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

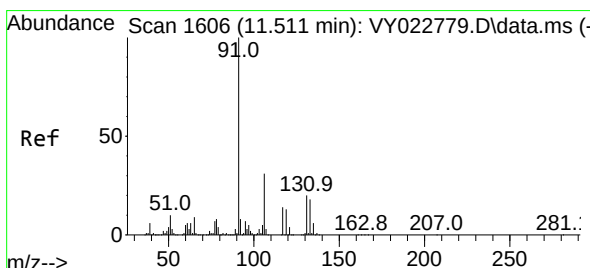
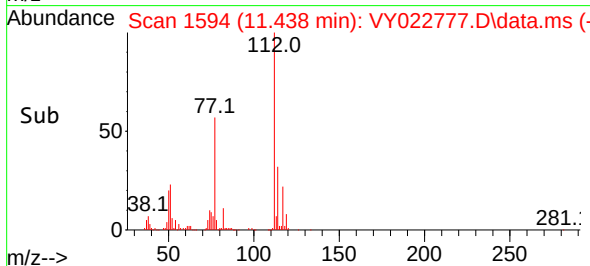
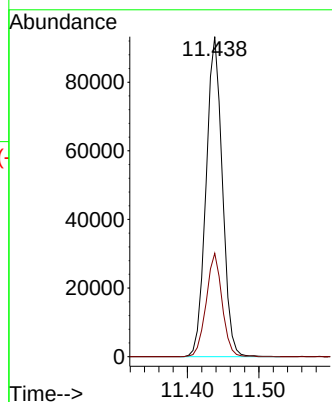
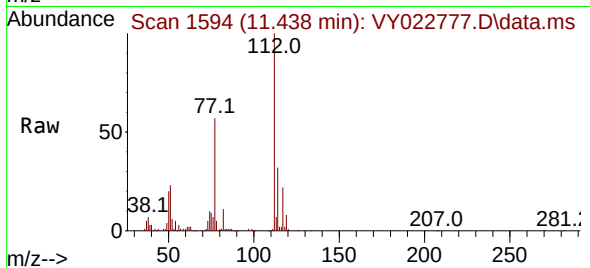
VSTDIC010

Tgt Ion:112 Resp: 147476

Ion Ratio Lower Upper

112 100

114 32.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 10.118 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

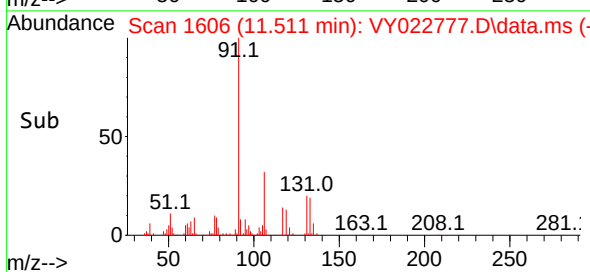
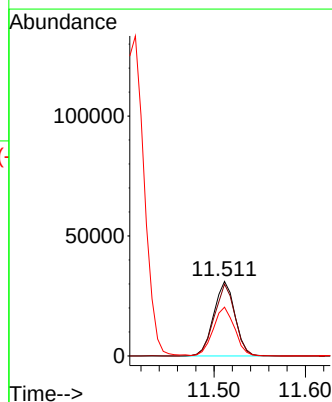
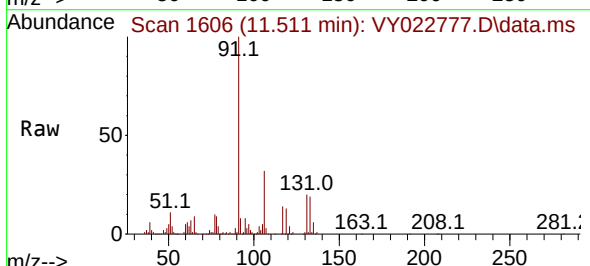
Tgt Ion:131 Resp: 50032

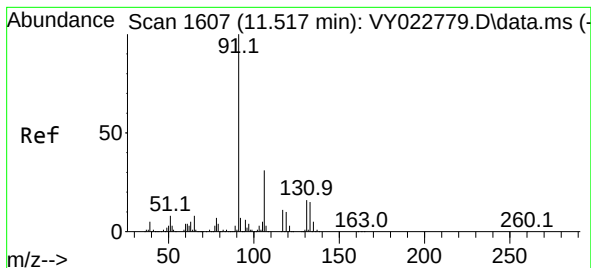
Ion Ratio Lower Upper

131 100

133 94.5 47.3 141.9

119 66.2 32.9 98.7





#67

Ethyl Benzene

Concen: 9.743 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

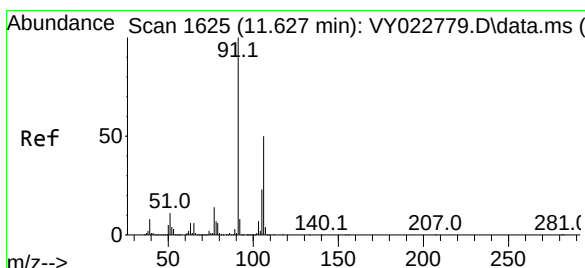
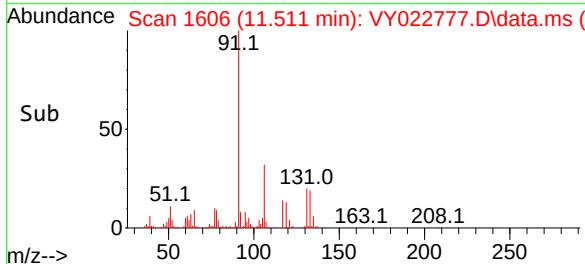
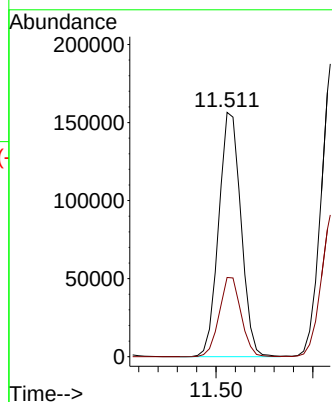
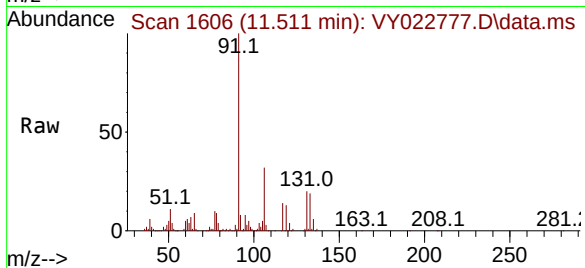
VSTDIC010

Tgt Ion: 91 Resp: 249925

Ion Ratio Lower Upper

91 100

106 32.4 25.0 37.4



#68

m/p-Xylenes

Concen: 19.351 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022777.D

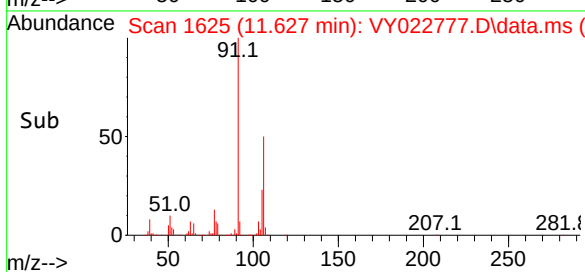
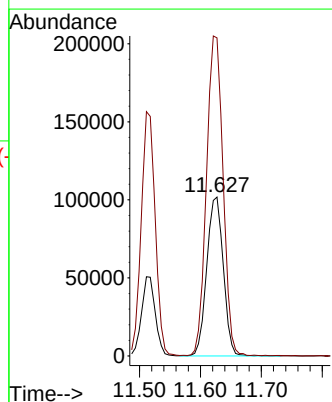
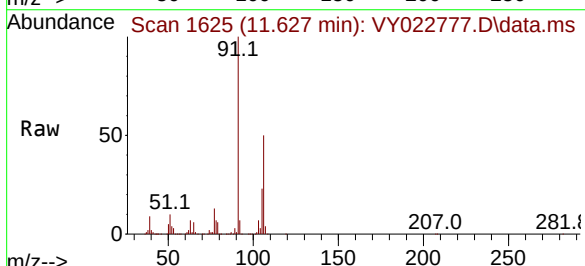
Acq: 23 Jun 2025 14:00

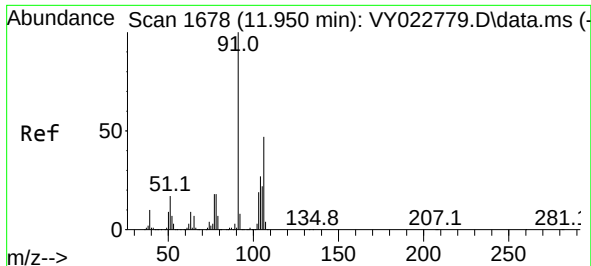
Tgt Ion: 106 Resp: 191878

Ion Ratio Lower Upper

106 100

91 201.5 160.4 240.6

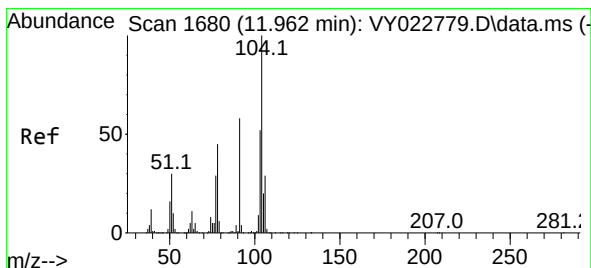
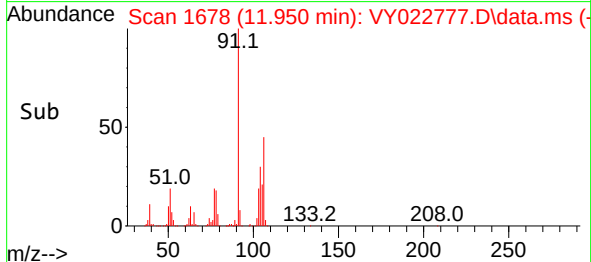
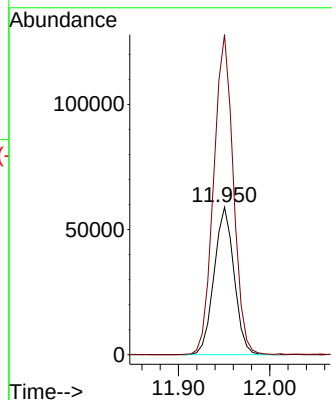
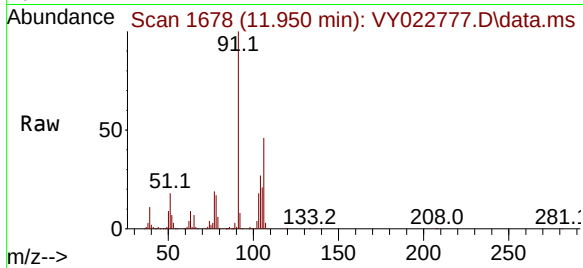




#69
o-Xylene
Concen: 9.582 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

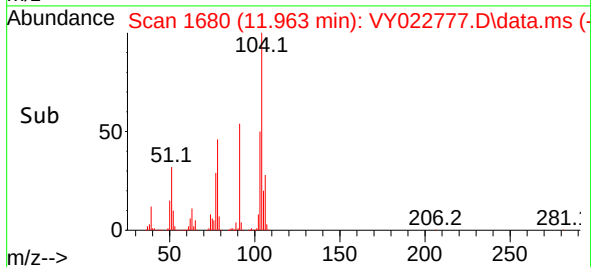
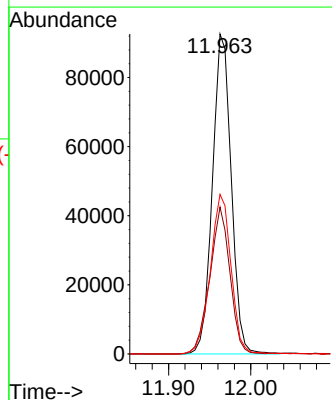
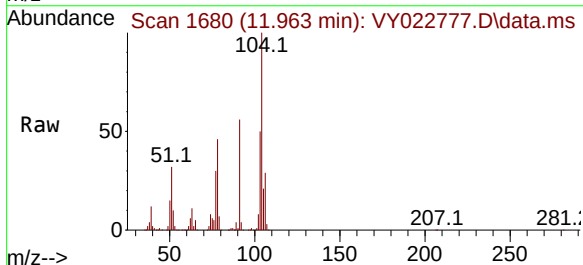
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

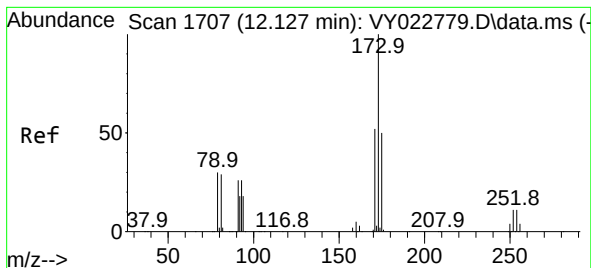
Tgt Ion:106 Resp: 89531
Ion Ratio Lower Upper
106 100
91 214.0 106.9 320.8



#70
Styrene
Concen: 9.405 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion:104 Resp: 147196
Ion Ratio Lower Upper
104 100
78 49.2 38.8 58.2
103 54.9 43.7 65.5





#71

Bromoform

Concen: 9.844 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

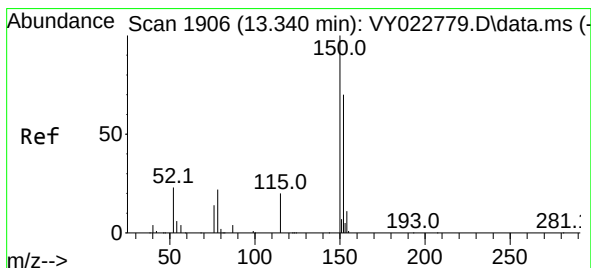
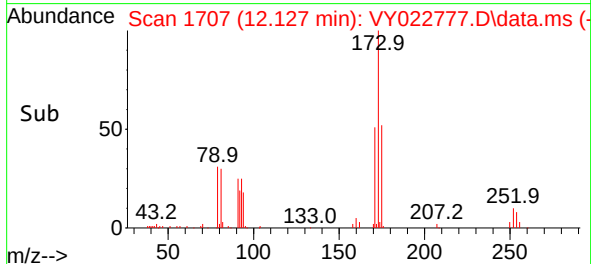
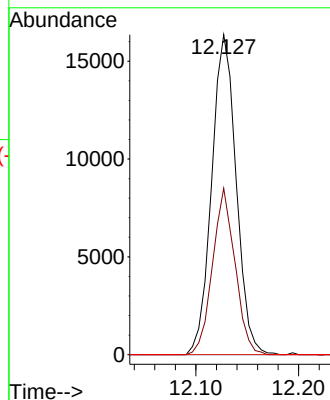
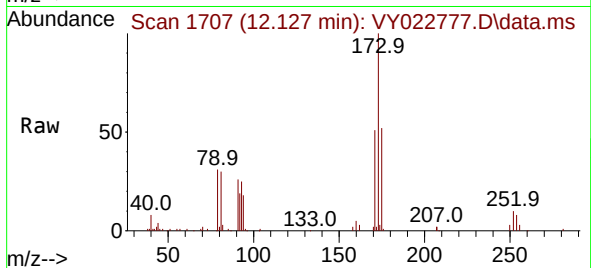
Tgt Ion:173 Resp: 27105

Ion Ratio Lower Upper

173 100

175 47.7 24.5 73.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

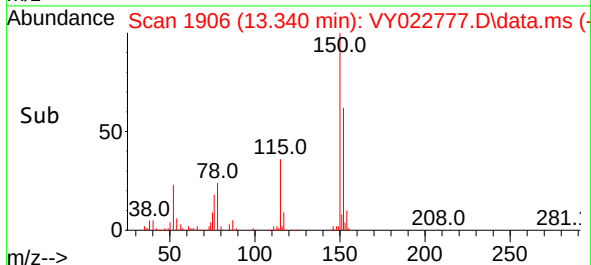
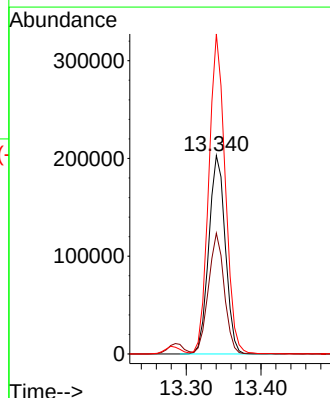
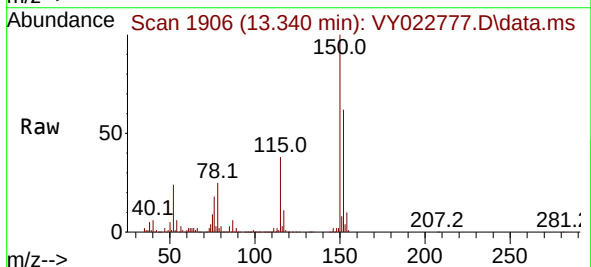
Tgt Ion:152 Resp: 310897

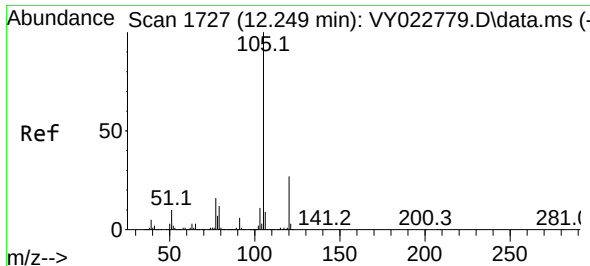
Ion Ratio Lower Upper

152 100

115 58.2 28.1 84.3

150 160.2 0.0 346.4

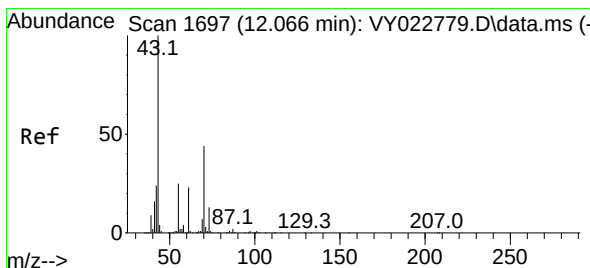
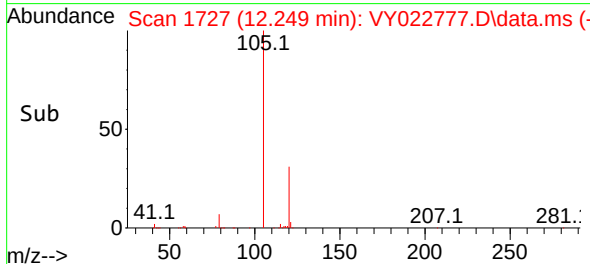
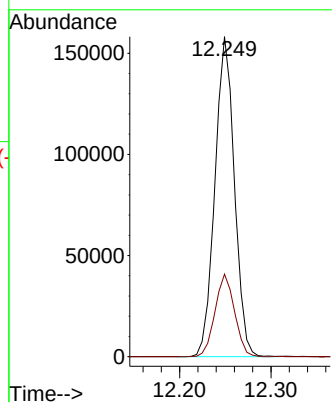
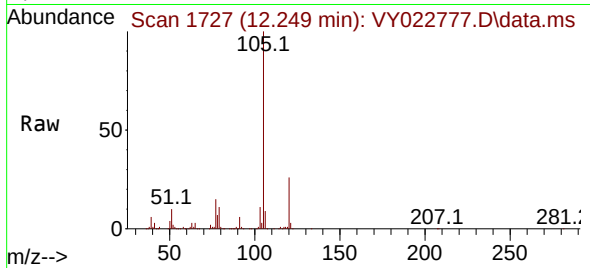




#73
Isopropylbenzene
Concen: 10.179 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

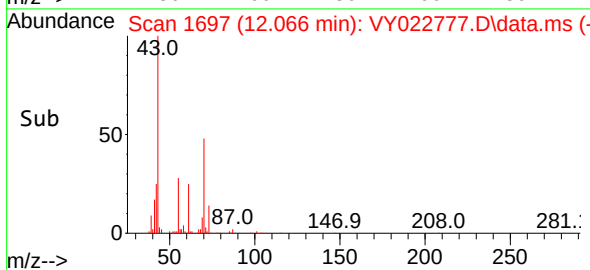
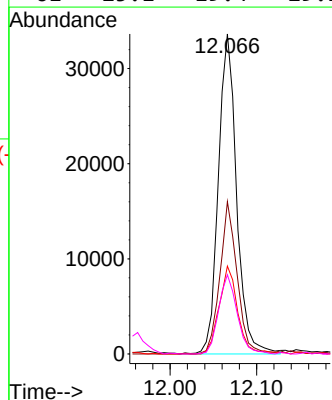
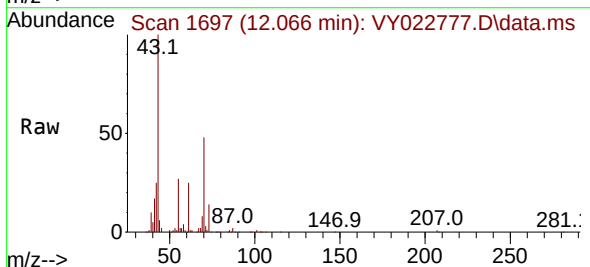
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

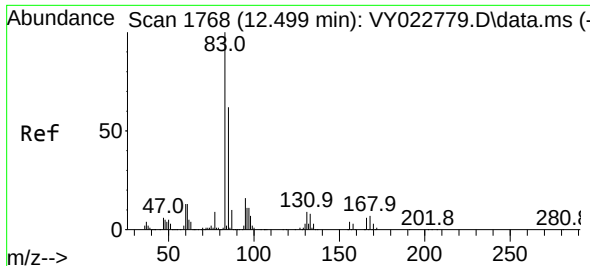
Tgt Ion:105 Resp: 234034
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.3



#74
N-ethyl acetate
Concen: 9.560 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion: 43 Resp: 49341
Ion Ratio Lower Upper
43 100
70 44.8 35.8 53.6
55 28.1 19.9 29.9
61 25.1 19.4 29.2

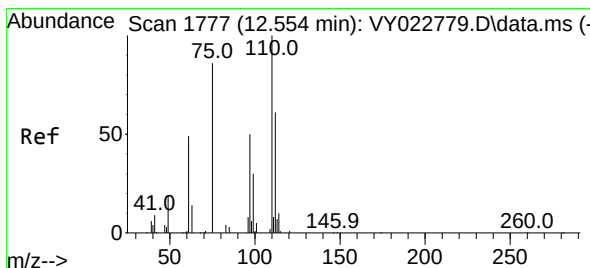
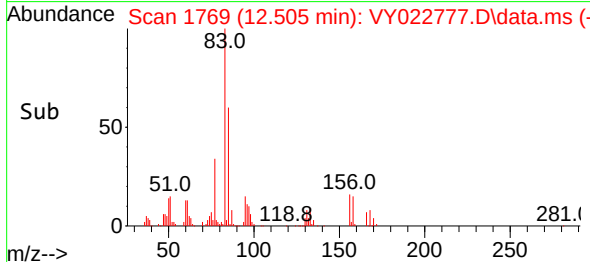
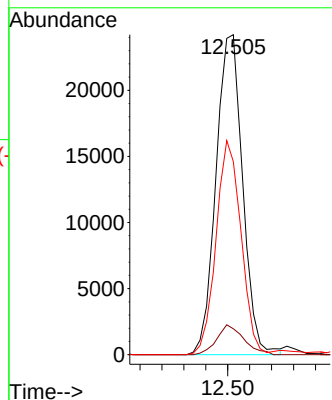
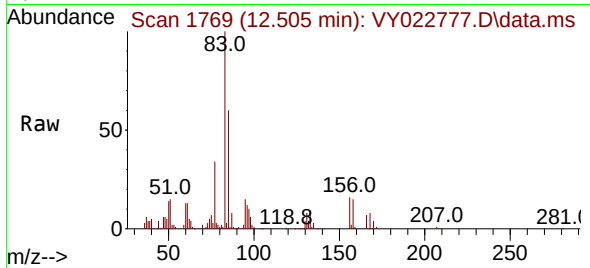




#75
 1,1,2,2-Tetrachloroethane
 Concen: 11.054 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY022777.D
 Acq: 23 Jun 2025 14:00

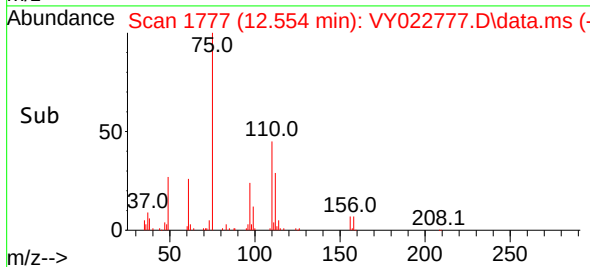
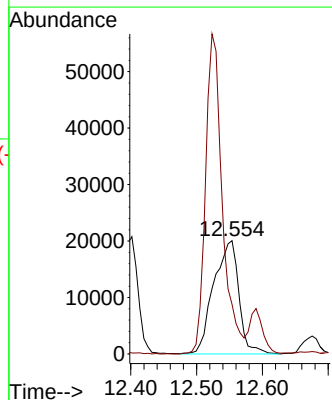
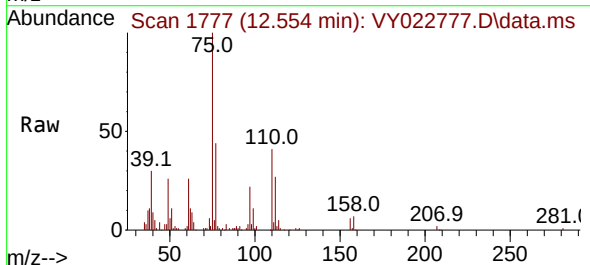
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

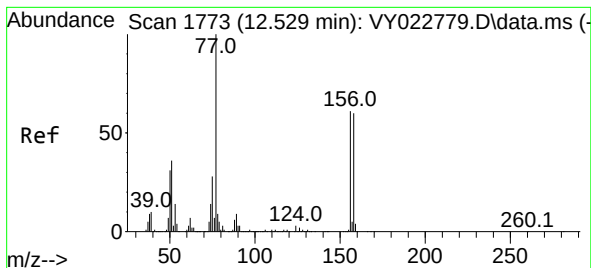
Tgt Ion: 83 Resp: 40964
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.2 15.6
 85 62.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 16.350 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022777.D
 Acq: 23 Jun 2025 14:00

Tgt Ion: 75 Resp: 53529
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.253 ug/l

RT: 12.523 min Scan# 1772

Delta R.T. -0.006 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

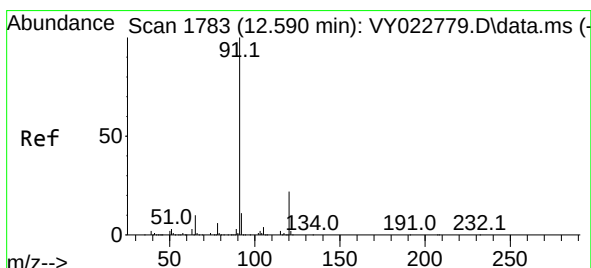
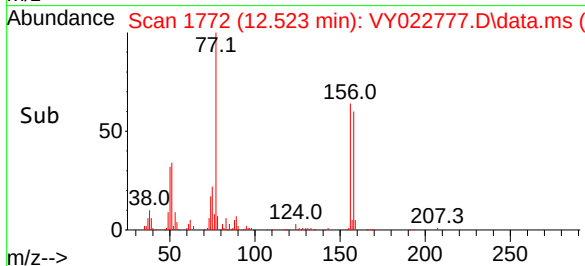
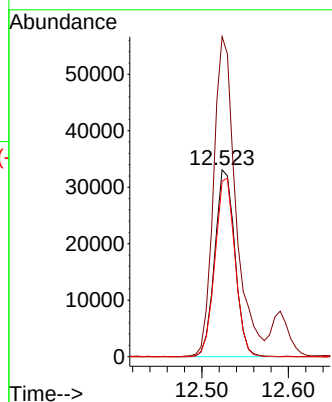
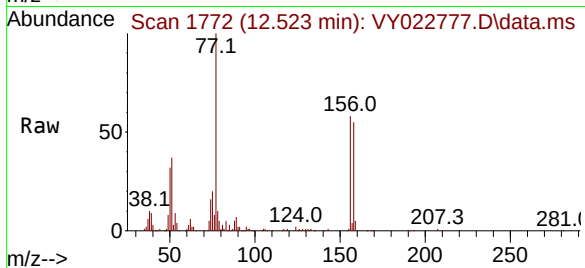
Tgt Ion:156 Resp: 53437

Ion Ratio Lower Upper

156 100

77 189.1 93.4 280.2

158 95.3 48.4 145.3



#78

n-propylbenzene

Concen: 10.186 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY022777.D

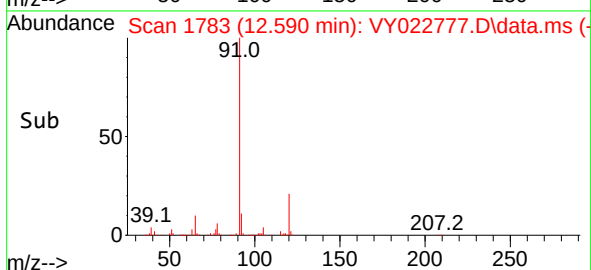
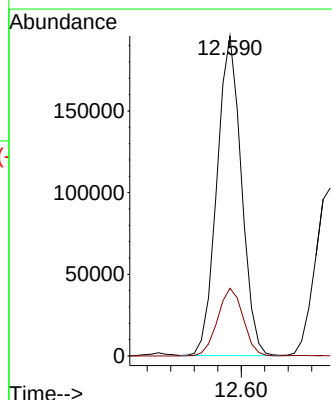
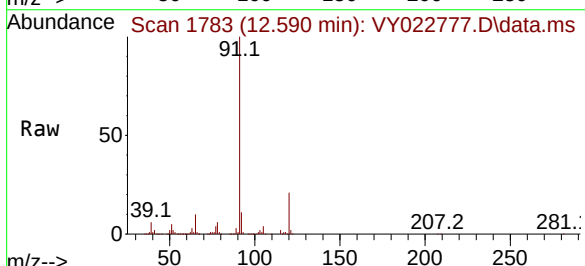
Acq: 23 Jun 2025 14:00

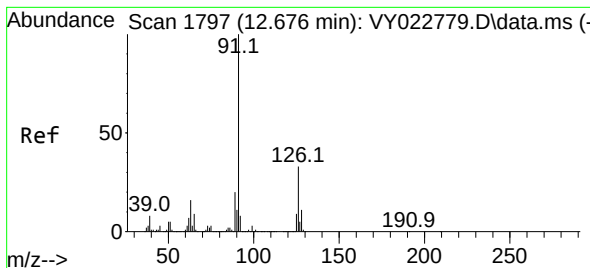
Tgt Ion: 91 Resp: 282781

Ion Ratio Lower Upper

91 100

120 22.1 11.3 33.8





#79

2-Chlorotoluene

Concen: 10.055 ug/l

RT: 12.676 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

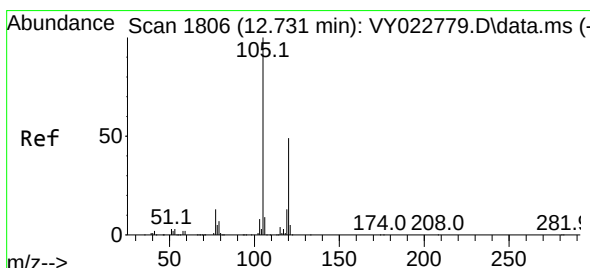
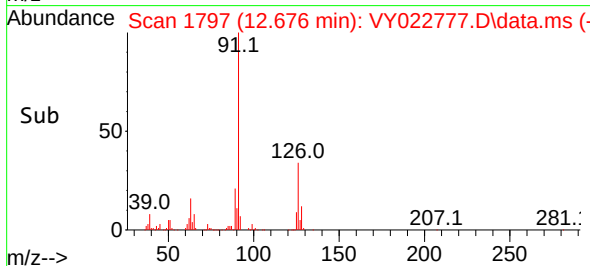
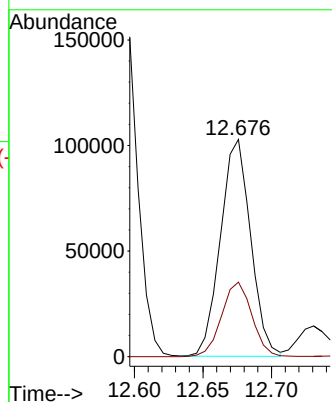
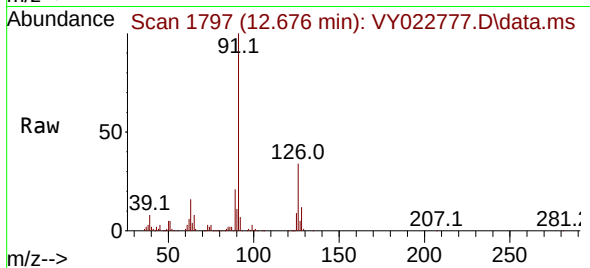
VSTDICC010

Tgt Ion: 91 Resp: 157704

Ion Ratio Lower Upper

91 100

126 34.5 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 10.021 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VY022777.D

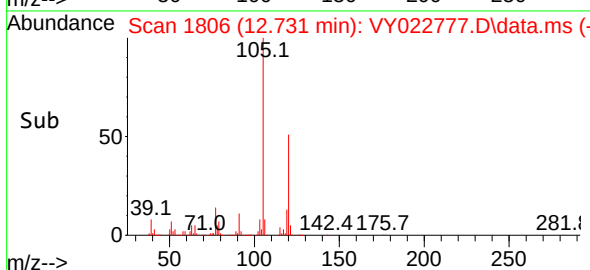
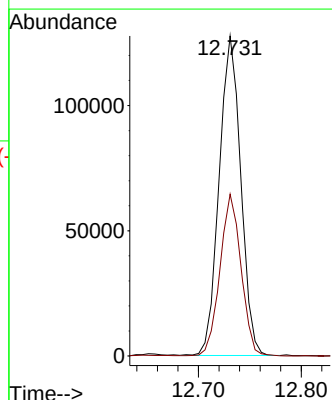
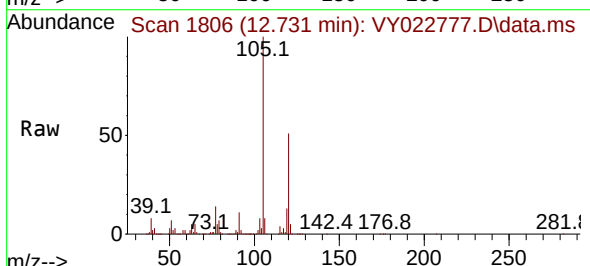
Acq: 23 Jun 2025 14:00

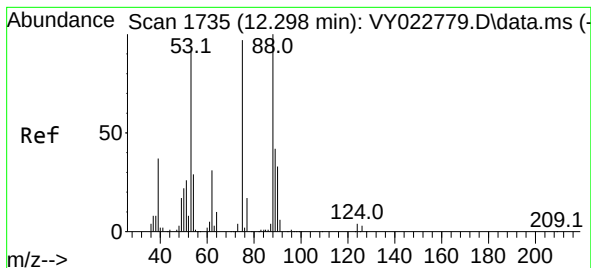
Tgt Ion: 105 Resp: 186006

Ion Ratio Lower Upper

105 100

120 49.4 24.8 74.3

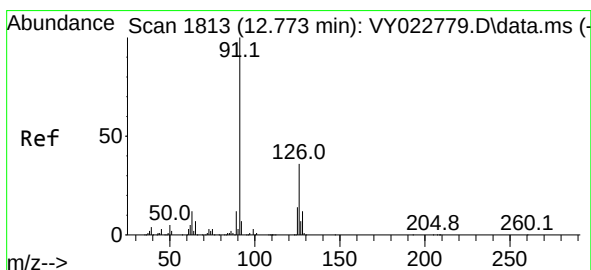
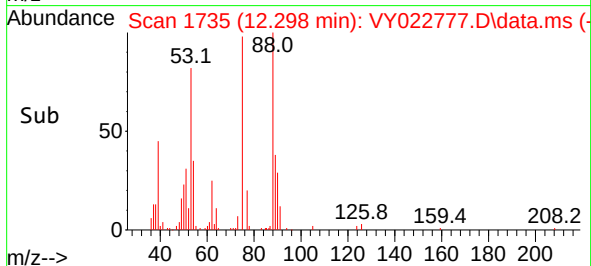
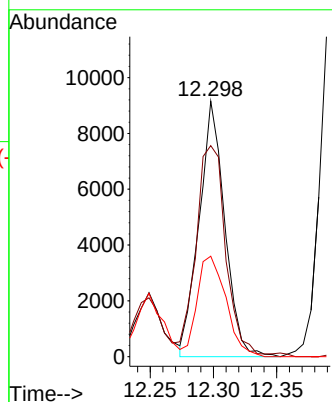
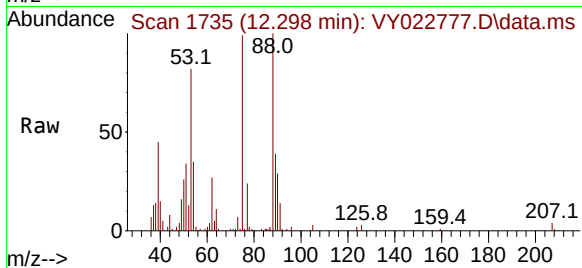




#81
trans-1,4-Dichloro-2-butene
Concen: 10.297 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

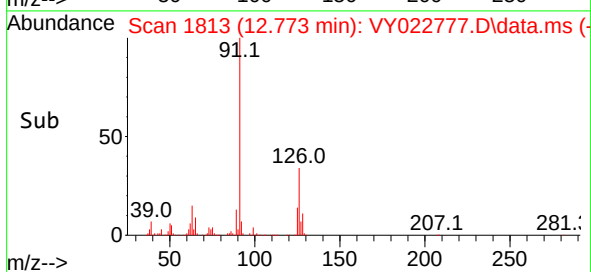
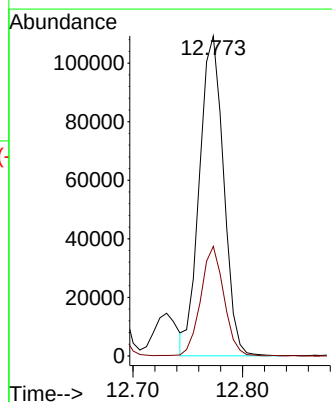
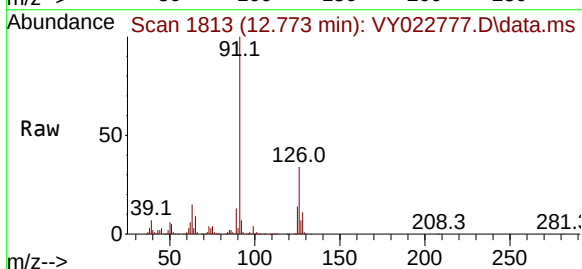
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

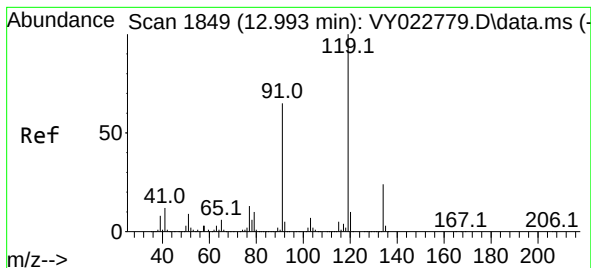
Tgt Ion: 75 Resp: 12937
Ion Ratio Lower Upper
75 100
53 93.8 79.7 119.5
89 44.3 36.8 55.2



#82
4-Chlorotoluene
Concen: 10.137 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion: 91 Resp: 166997
Ion Ratio Lower Upper
91 100
126 32.8 16.9 50.7





#83

tert-Butylbenzene

Concen: 10.039 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

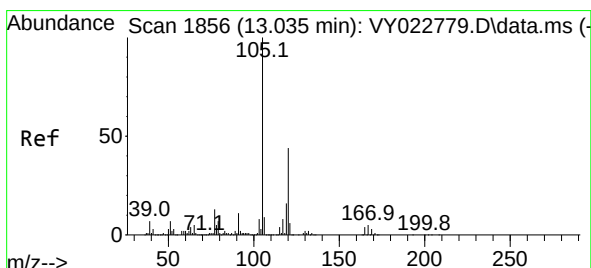
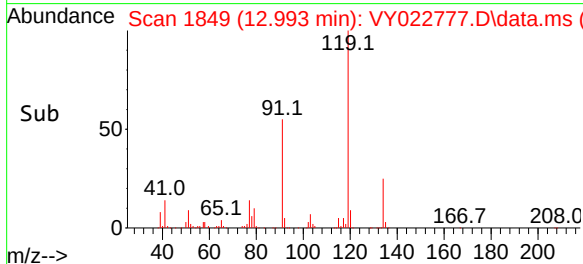
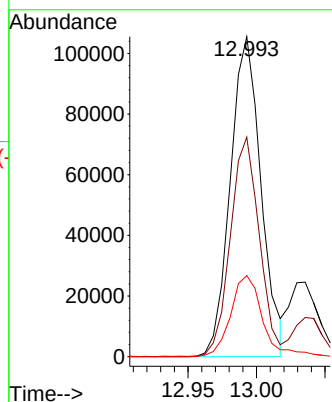
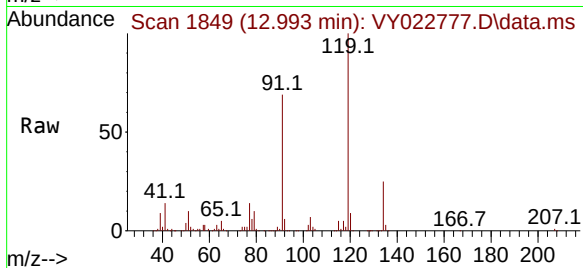
Tgt Ion:119 Resp: 164329

Ion Ratio Lower Upper

119 100

91 64.8 32.6 98.0

134 26.4 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 10.045 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VY022777.D

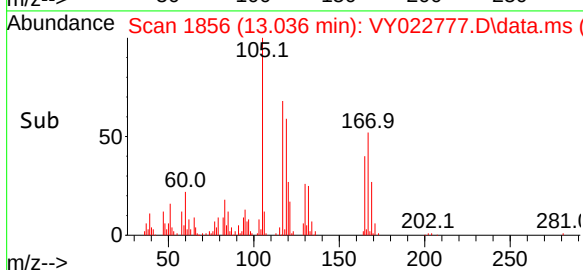
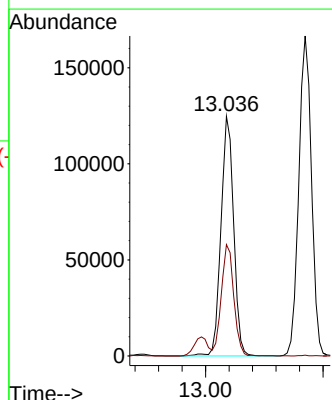
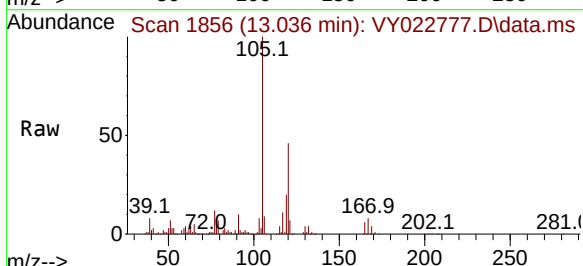
Acq: 23 Jun 2025 14:00

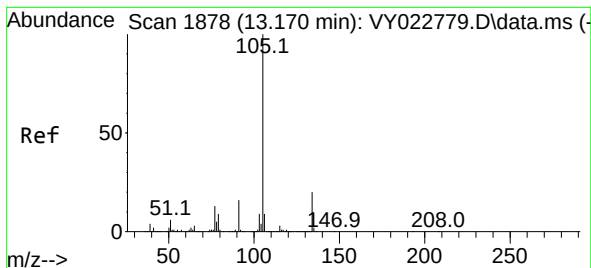
Tgt Ion:105 Resp: 186662

Ion Ratio Lower Upper

105 100

120 45.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 10.092 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

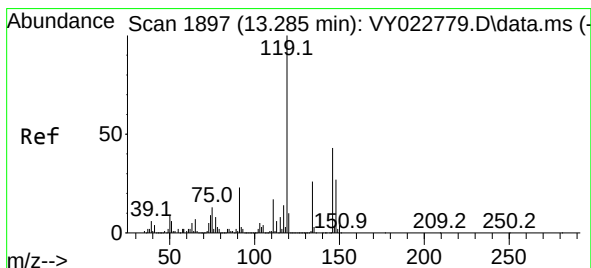
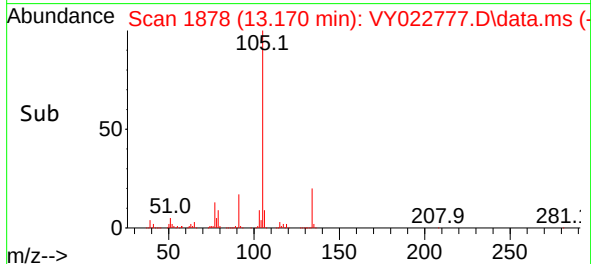
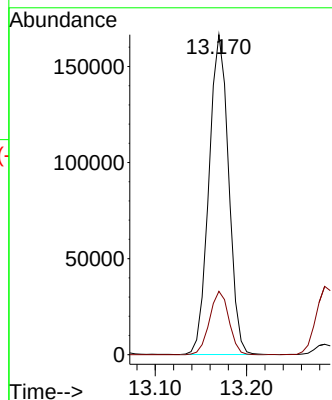
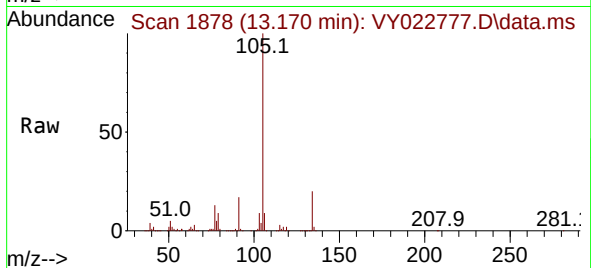
VSTDIC010

Tgt Ion:105 Resp: 248568

Ion Ratio Lower Upper

105 100

134 19.5 9.9 29.7



#86

p-Isopropyltoluene

Concen: 9.955 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

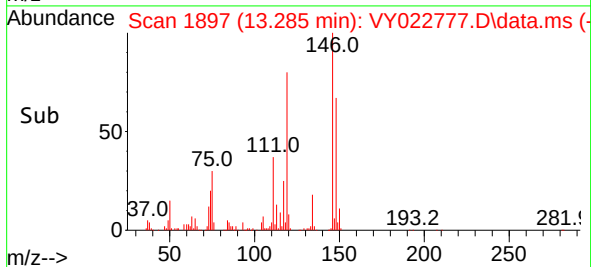
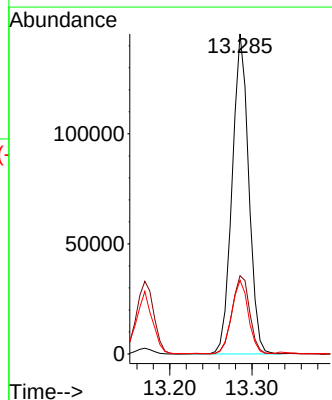
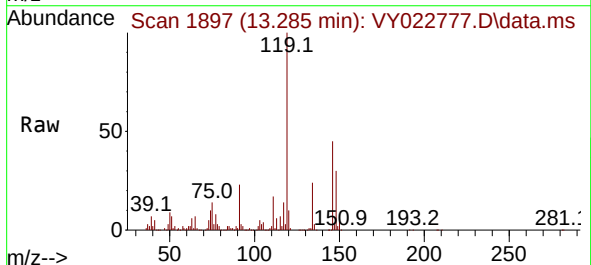
Tgt Ion:119 Resp: 204047

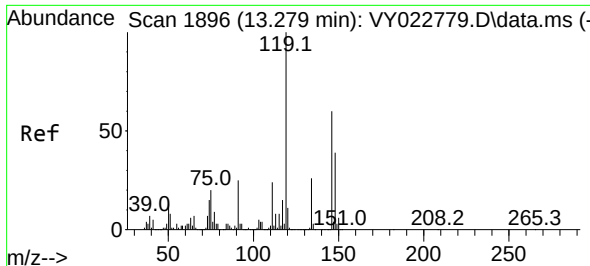
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.1 11.6 34.8

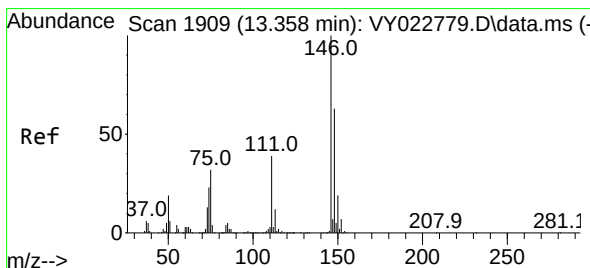
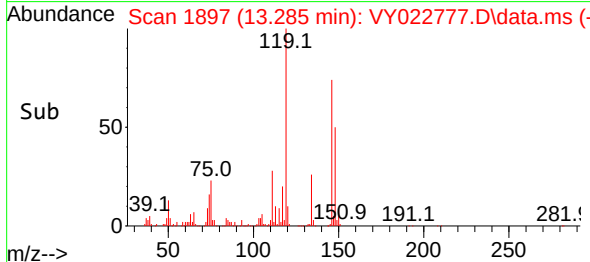
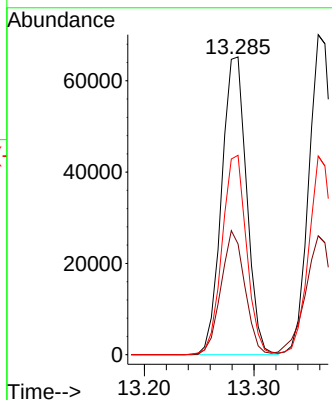
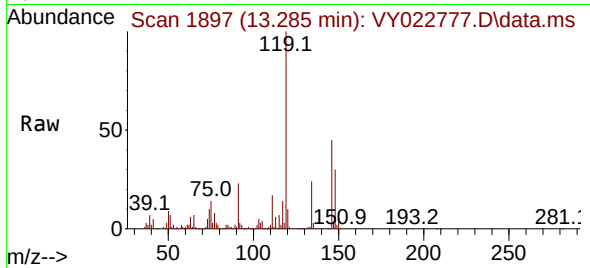




#87
 1,3-Dichlorobenzene
 Concen: 9.860 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY022777.D
 Acq: 23 Jun 2025 14:00

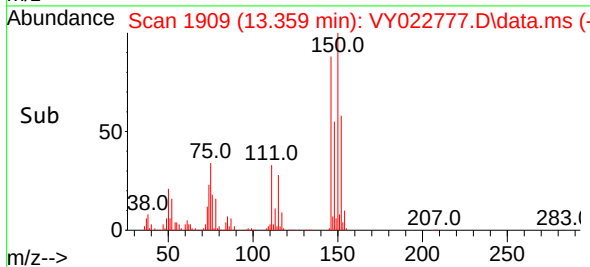
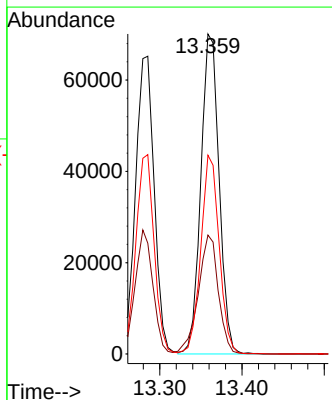
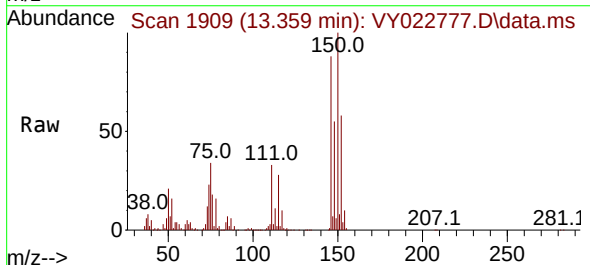
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

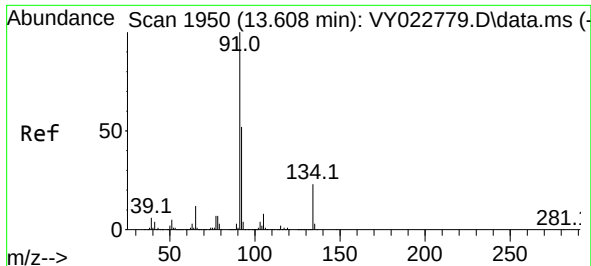
Tgt Ion:146 Resp: 103200
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.8 59.4
 148 65.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 10.406 ug/l
 RT: 13.359 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: VY022777.D
 Acq: 23 Jun 2025 14:00

Tgt Ion:146 Resp: 108198
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.3 57.9
 148 62.5 31.7 95.1

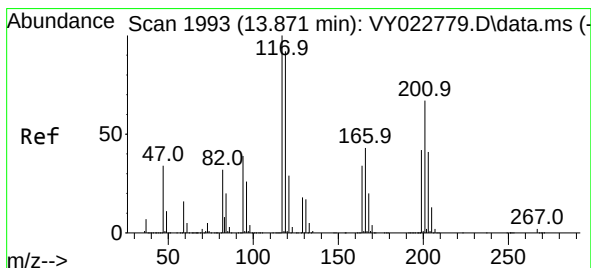
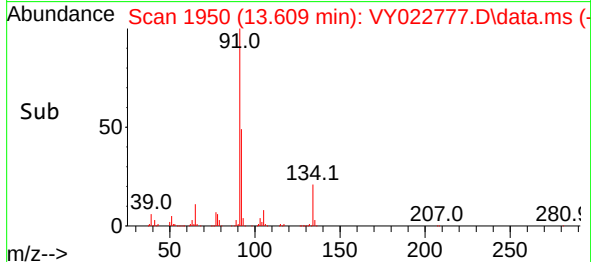
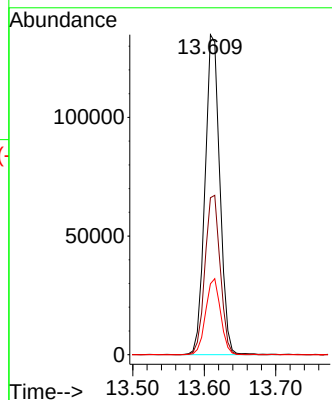
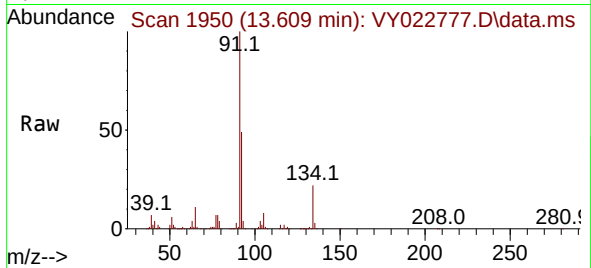




#89
n-Butylbenzene
Concen: 10.075 ug/l
RT: 13.609 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

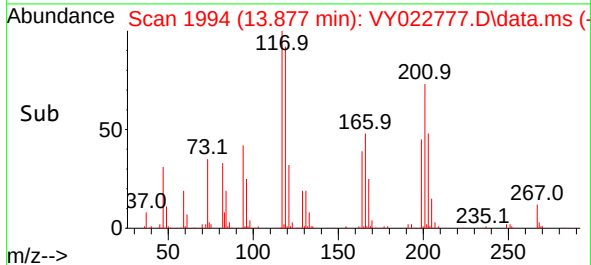
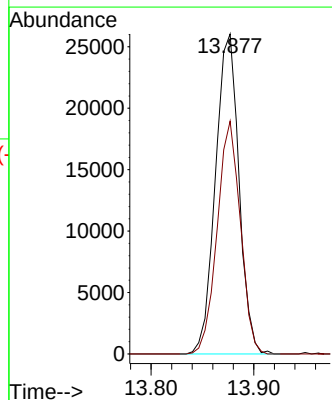
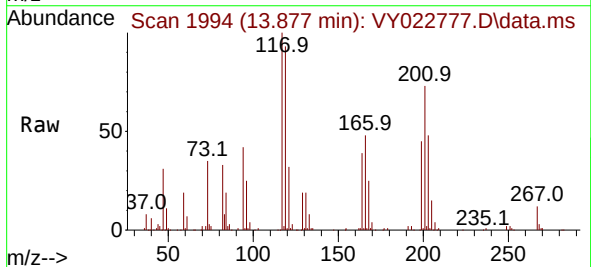
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

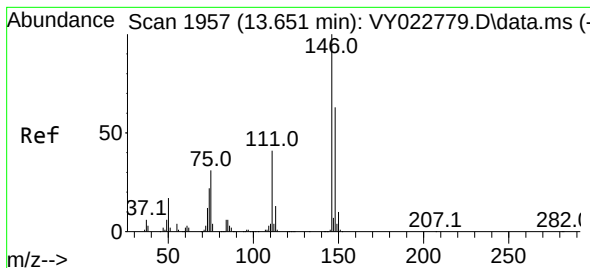
Tgt Ion: 91 Resp: 194233
Ion Ratio Lower Upper
91 100
92 51.3 26.4 79.0
134 23.9 12.2 36.6



#90
Hexachloroethane
Concen: 10.111 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY022777.D
Acq: 23 Jun 2025 14:00

Tgt Ion: 117 Resp: 41277
Ion Ratio Lower Upper
117 100
201 71.8 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 10.030 ug/l

RT: 13.651 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

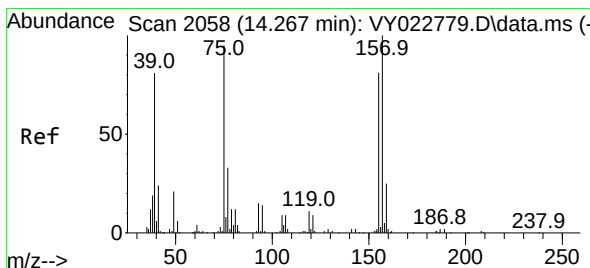
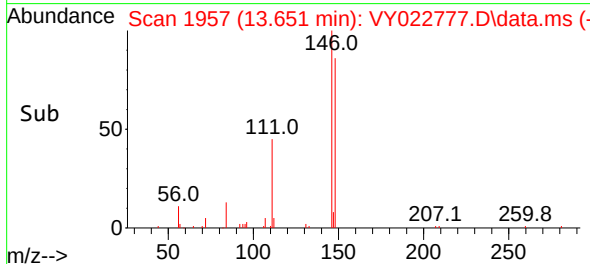
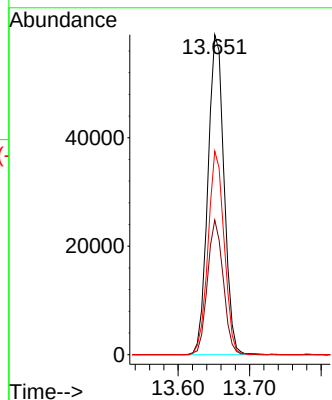
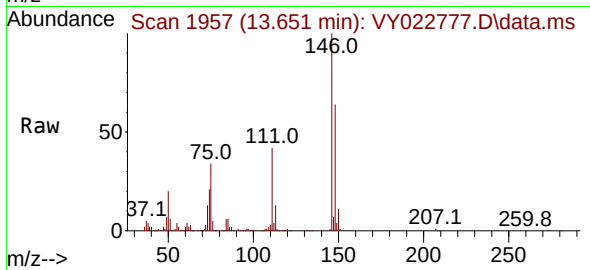
Tgt Ion:146 Resp: 92518

Ion Ratio Lower Upper

146 100

111 41.2 20.5 61.6

148 63.4 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.958 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

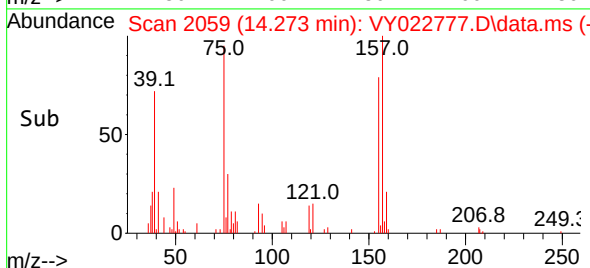
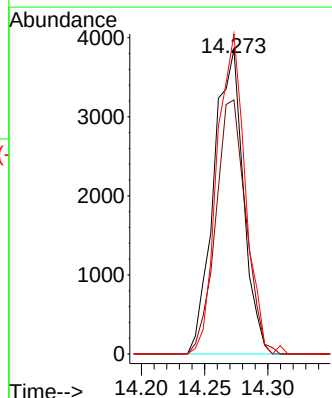
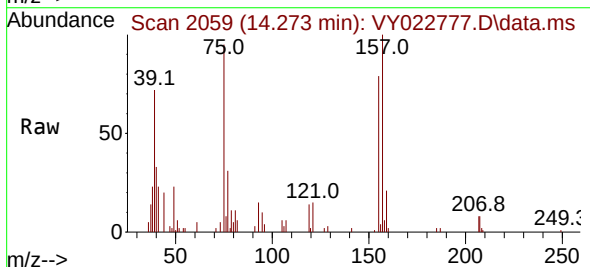
Tgt Ion: 75 Resp: 6258

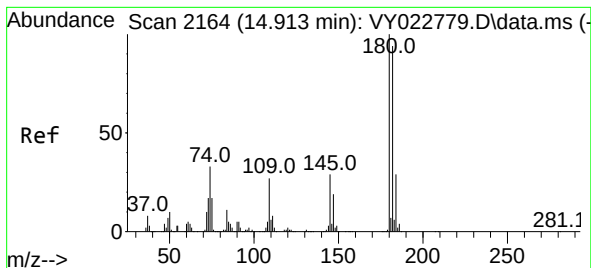
Ion Ratio Lower Upper

75 100

155 84.9 41.6 124.9

157 100.3 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 10.043 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

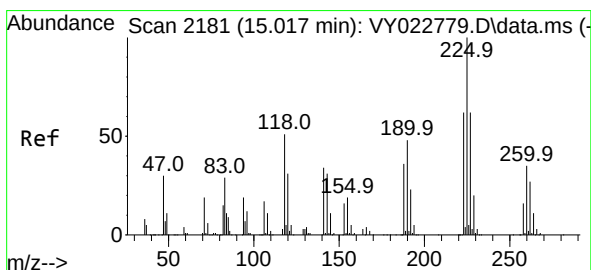
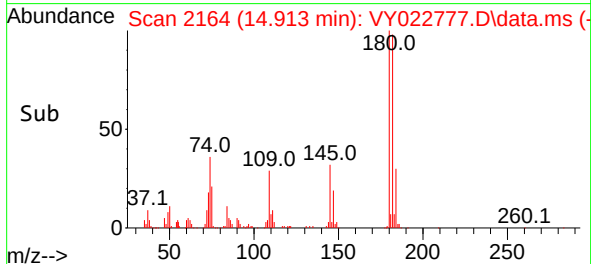
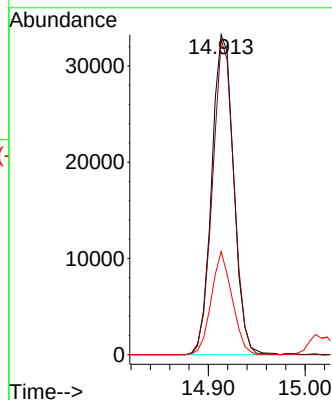
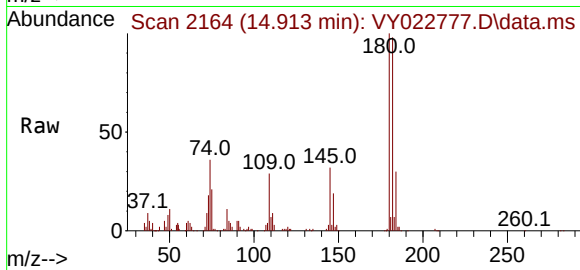
Tgt Ion:180 Resp: 52305

Ion Ratio Lower Upper

180 100

182 96.0 47.8 143.4

145 30.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 10.543 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

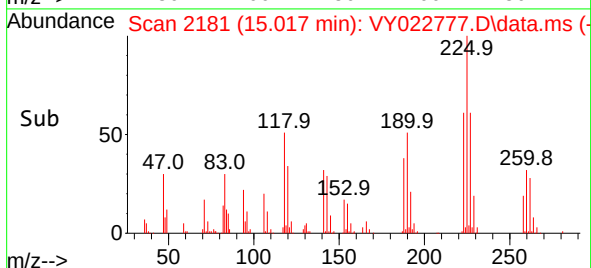
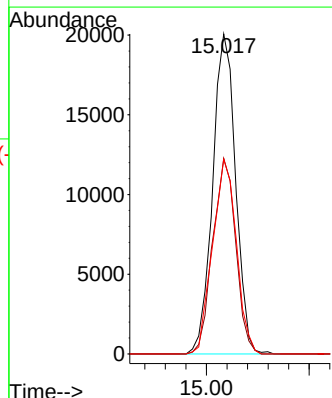
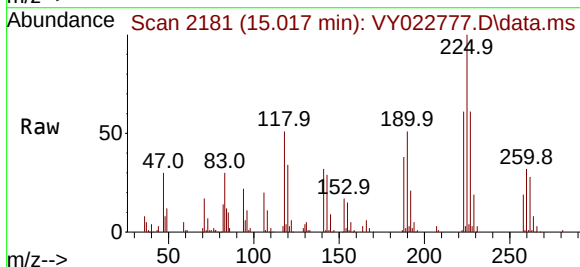
Tgt Ion:225 Resp: 31049

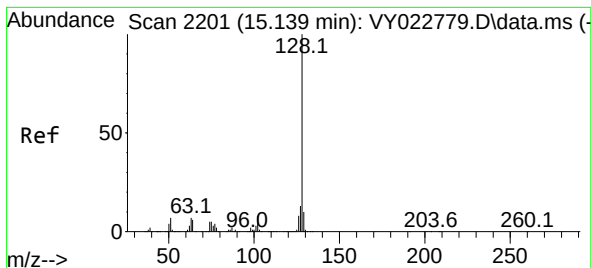
Ion Ratio Lower Upper

225 100

223 61.3 30.9 92.5

227 63.1 31.6 94.8





#95

Naphthalene

Concen: 9.131 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

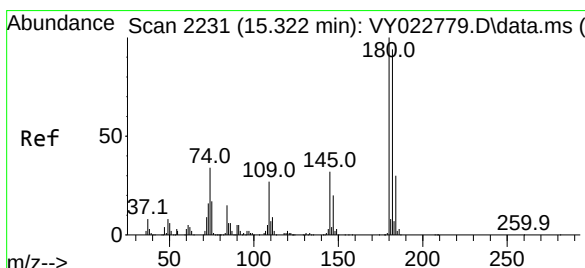
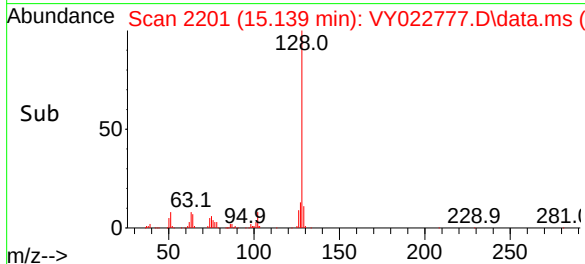
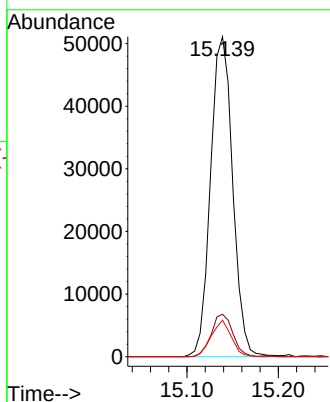
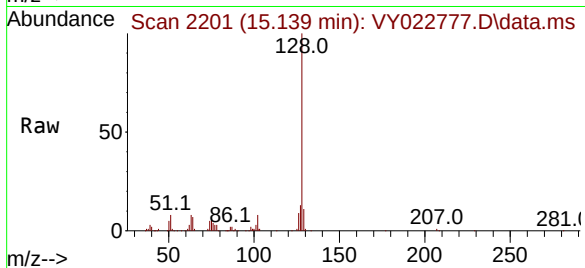
Tgt Ion:128 Resp: 85996

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.3 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 9.987 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY022777.D

Acq: 23 Jun 2025 14:00

Tgt Ion:180 Resp: 44944

Ion Ratio Lower Upper

180 100

182 92.5 46.7 140.1

145 30.1 15.8 47.4

