

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022778.D
 Acq On : 23 Jun 2025 14:23
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 24 02:51:45 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	466622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	781920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	668589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	321641	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	103895	19.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.900%#
35) Dibromofluoromethane	7.628	113	92378	19.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.860%#
50) Toluene-d8	10.103	98	370864	19.654	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	39.300%#
62) 4-Bromofluorobenzene	12.402	95	115617	19.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	38.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	88527	22.187	ug/l	96
3) Chloromethane	2.062	50	161461	21.191	ug/l	97
4) Vinyl Chloride	2.196	62	203692	21.399	ug/l	98
5) Bromomethane	2.580	94	159406	21.301	ug/l	100
6) Chloroethane	2.727	64	134813	21.069	ug/l	95
7) Trichlorofluoromethane	3.044	101	227500	21.584	ug/l	97
8) Diethyl Ether	3.452	74	53531	20.563	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.806	101	102158	21.209	ug/l	99
10) Methyl Iodide	3.995	142	105737	20.162	ug/l	99
11) Tert butyl alcohol	4.854	59	35575	102.731	ug/l	99
12) 1,1-Dichloroethene	3.781	96	97726	20.691	ug/l	93
13) Acrolein	3.647	56	49556	105.534	ug/l	97
14) Allyl chloride	4.373	41	150283	20.687	ug/l	100
15) Acrylonitrile	5.049	53	112031	103.145	ug/l	99
16) Acetone	3.867	43	106379	108.071	ug/l	94
17) Carbon Disulfide	4.092	76	323087	21.175	ug/l	98
18) Methyl Acetate	4.379	43	82088	25.182	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	260531	20.258	ug/l	99
20) Methylene Chloride	4.610	84	123947	19.939	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	111517	20.659	ug/l	94
22) Diisopropyl ether	6.013	45	331999	20.578	ug/l	96
23) Vinyl Acetate	5.952	43	858731	96.375	ug/l	99
24) 1,1-Dichloroethane	5.909	63	201445	20.671	ug/l	99
25) 2-Butanone	6.890	43	149196	104.140	ug/l	100
26) 2,2-Dichloropropane	6.878	77	173008	21.179	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	128206	20.439	ug/l	99
28) Bromochloromethane	7.238	49	81625	19.923	ug/l	99
29) Tetrahydrofuran	7.256	42	91536	101.186	ug/l	98
30) Chloroform	7.415	83	205035	20.428	ug/l	95
31) Cyclohexane	7.695	56	184362	20.610	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	181573	20.934	ug/l	99
36) 1,1-Dichloropropene	7.829	75	147625	20.481	ug/l	99
37) Ethyl Acetate	6.982	43	62062	19.954	ug/l	98
38) Carbon Tetrachloride	7.811	117	158707	20.868	ug/l	97
39) Methylcyclohexane	9.103	83	190778	20.453	ug/l	95
40) Benzene	8.079	78	453686	20.472	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	30543	15.566	ug/l #	84
42) 1,2-Dichloroethane	8.152	62	125873	20.728	ug/l	100
43) Isopropyl Acetate	8.195	43	132526	20.501	ug/l	99
44) Trichloroethene	8.860	130	119612	21.498	ug/l	97
45) 1,2-Dichloropropane	9.134	63	107803	20.785	ug/l	100
46) Dibromomethane	9.225	93	60151	20.430	ug/l	100
47) Bromodichloromethane	9.420	83	155066	20.424	ug/l	99
48) Methyl methacrylate	9.219	41	65108	20.951	ug/l	99
49) 1,4-Dioxane	9.219	88	14738	423.683	ug/l	97
51) 4-Methyl-2-Pentanone	9.993	43	335542	102.143	ug/l	99
52) Toluene	10.164	92	284109	20.321	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	137096	20.069	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	163425	20.633	ug/l	98
55) 1,1,2-Trichloroethane	10.567	97	77767	20.398	ug/l	96
56) Ethyl methacrylate	10.439	69	98608	19.224	ug/l	98
57) 1,3-Dichloropropane	10.713	76	137448	20.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	240143	99.154	ug/l	99
59) 2-Hexanone	10.756	43	226399	101.369	ug/l	100
60) Dibromochloromethane	10.908	129	100360	20.380	ug/l	99
61) 1,2-Dibromoethane	11.012	107	71565	20.059	ug/l	99
64) Tetrachloroethene	10.640	164	143038	22.646	ug/l	97
65) Chlorobenzene	11.438	112	302372	20.582	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	100839	20.265	ug/l	99
67) Ethyl Benzene	11.512	91	527080	20.420	ug/l	97
68) m/p-Xylenes	11.621	106	405724	40.662	ug/l	99
69) o-Xylene	11.950	106	189409	20.146	ug/l	100
70) Styrene	11.963	104	311610	19.787	ug/l	99
71) Bromoform	12.127	173	54365	19.622	ug/l #	99
73) Isopropylbenzene	12.249	105	491885	20.678	ug/l	99
74) N-amyl acetate	12.066	43	104745	19.617	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	72880	19.010	ug/l	100
76) 1,2,3-Trichloropropane	12.548	75	112825	33.311	ug/l #	100
77) Bromobenzene	12.530	156	109855	20.375	ug/l	98
78) n-propylbenzene	12.591	91	596356	20.765	ug/l	100
79) 2-Chlorotoluene	12.676	91	334595	20.620	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	395821	20.613	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	26956	20.739	ug/l	97
82) 4-Chlorotoluene	12.774	91	345875	20.293	ug/l	99
83) tert-Butylbenzene	12.993	119	340561	20.110	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	396401	20.618	ug/l	100
85) sec-Butylbenzene	13.170	105	525353	20.618	ug/l	100
86) p-Isopropyltoluene	13.286	119	429419	20.252	ug/l	99
87) 1,3-Dichlorobenzene	13.280	146	217684	20.103	ug/l	99
88) 1,4-Dichlorobenzene	13.359	146	217184	20.191	ug/l	98
89) n-Butylbenzene	13.609	91	410986	20.605	ug/l	99
90) Hexachloroethane	13.871	117	86261	20.425	ug/l	95
91) 1,2-Dichlorobenzene	13.651	146	193285	20.255	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	13274	20.417	ug/l	99
93) 1,2,4-Trichlorobenzene	14.913	180	109060	20.242	ug/l	99
94) Hexachlorobutadiene	15.017	225	62946	20.660	ug/l	97
95) Naphthalene	15.139	128	195013	20.015	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	94536	20.305	ug/l	98

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QLast Update : Tue Jun 24 02:48:20 2025
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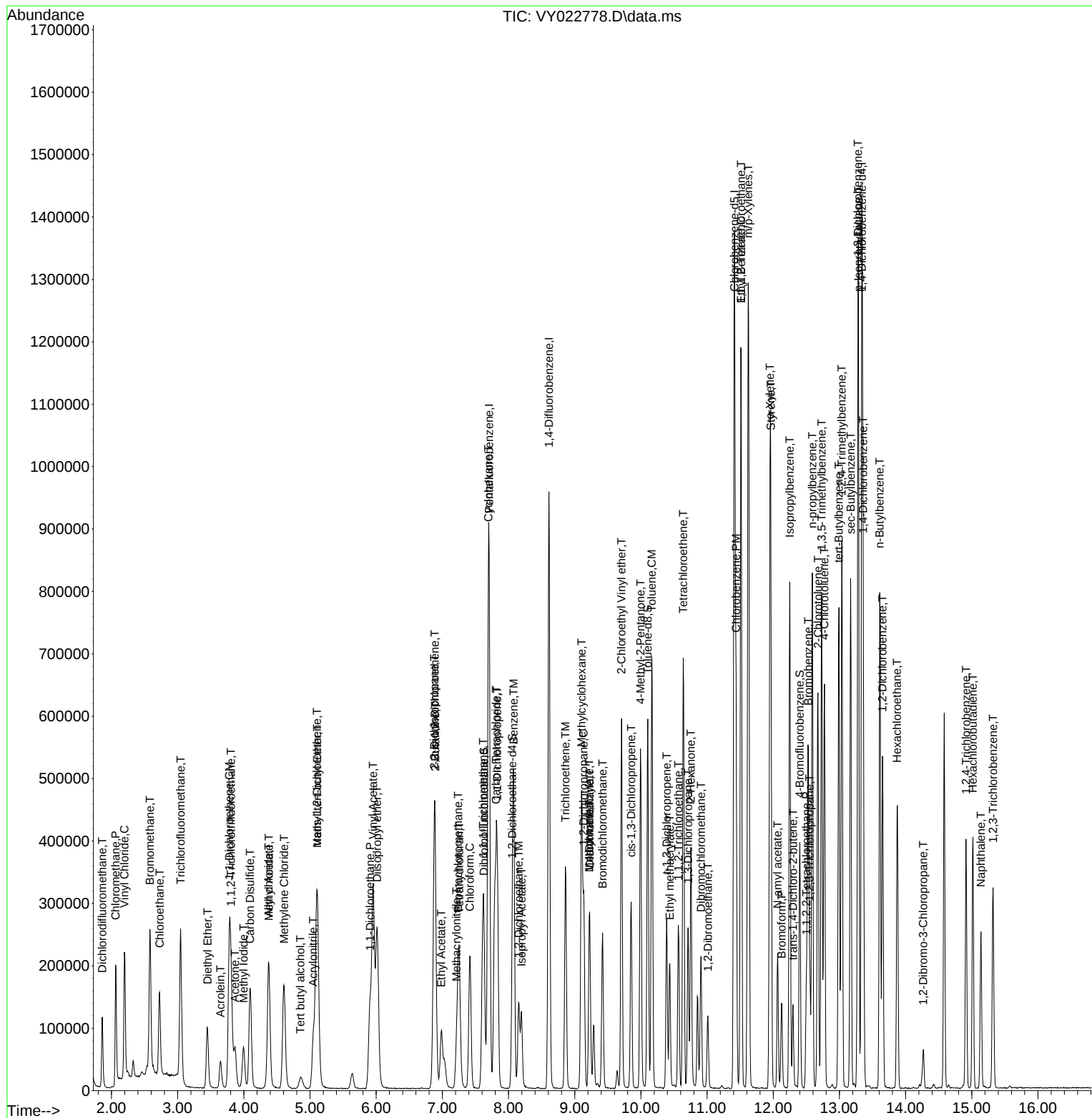
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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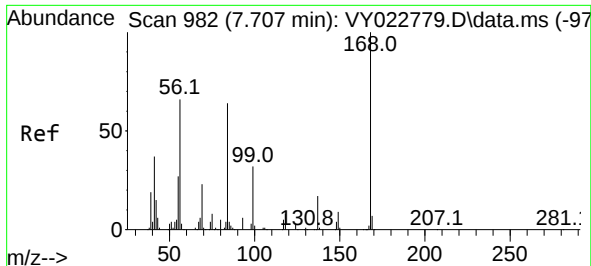
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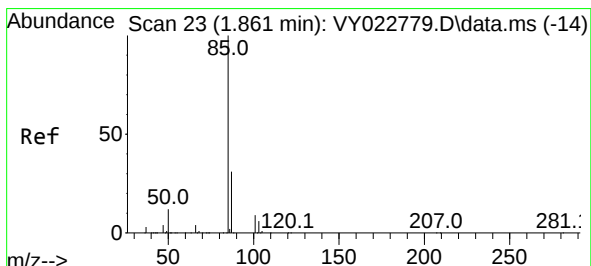
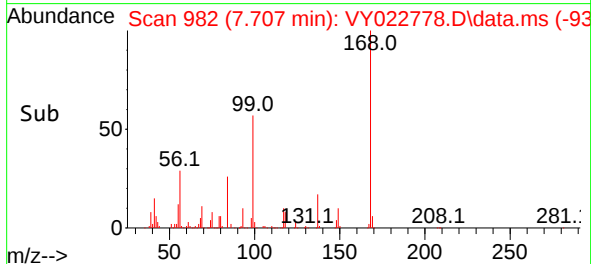
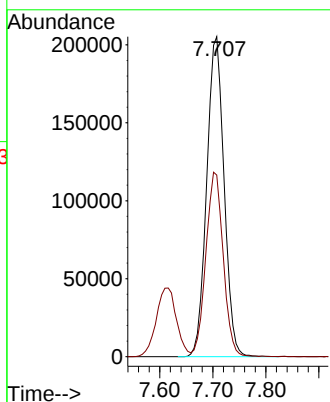
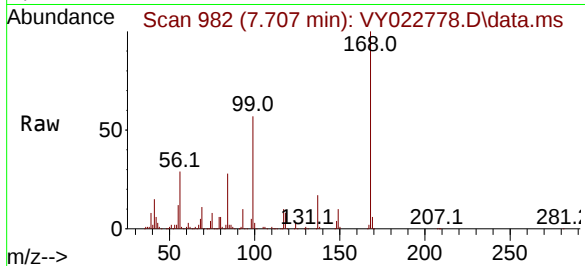




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022778.D
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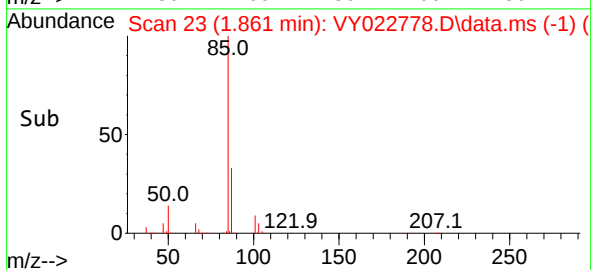
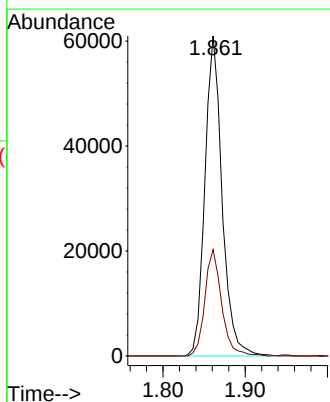
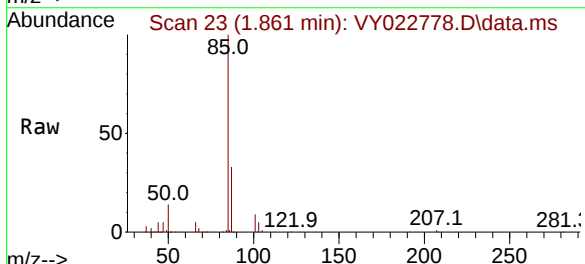
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

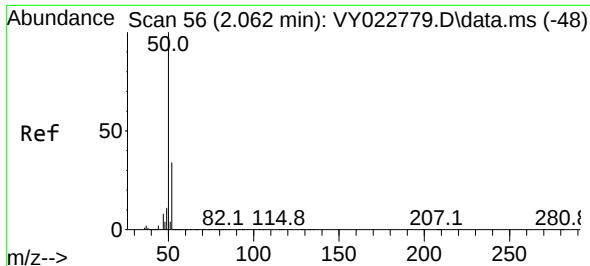
Tgt Ion:168 Resp: 466622
Ion Ratio Lower Upper
168 100
99 56.7 44.6 66.8



#2
Dichlorodifluoromethane
Concen: 22.187 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 85 Resp: 88527
Ion Ratio Lower Upper
85 100
87 33.2 15.6 46.7

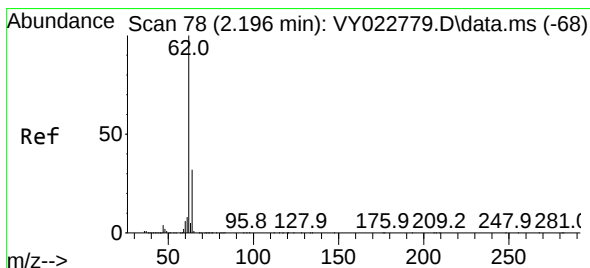
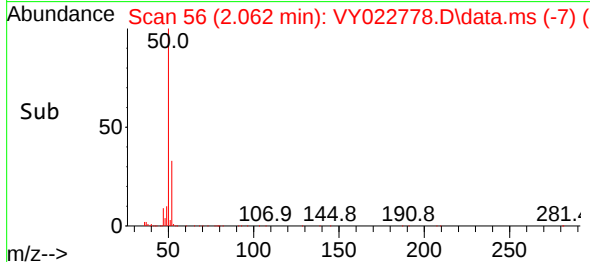
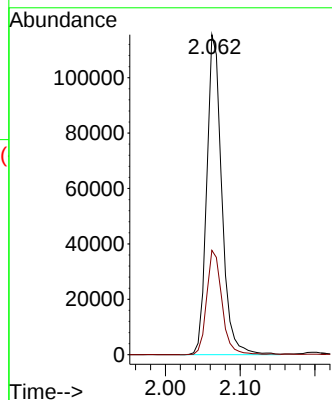
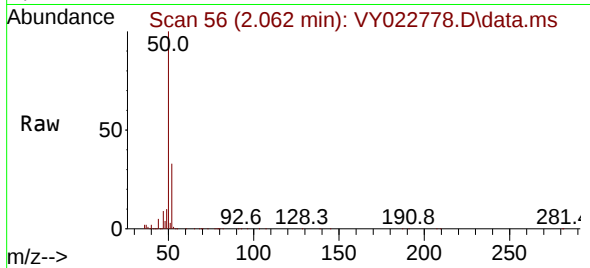




#3
Chloromethane
Concen: 21.191 ug/l
RT: 2.062 min Scan# 56
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

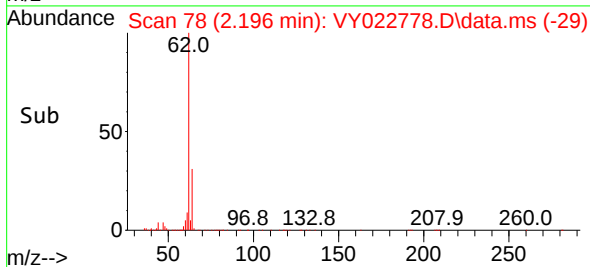
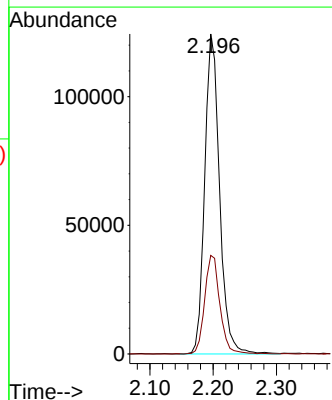
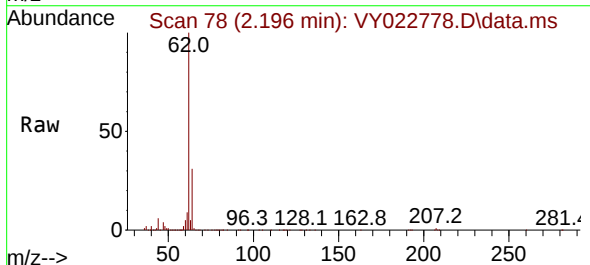
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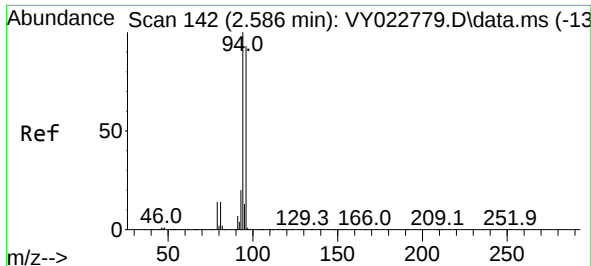
Tgt Ion: 50 Resp: 161461
Ion Ratio Lower Upper
50 100
52 32.6 27.5 41.3



#4
Vinyl Chloride
Concen: 21.399 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 62 Resp: 203692
Ion Ratio Lower Upper
62 100
64 30.8 25.7 38.5

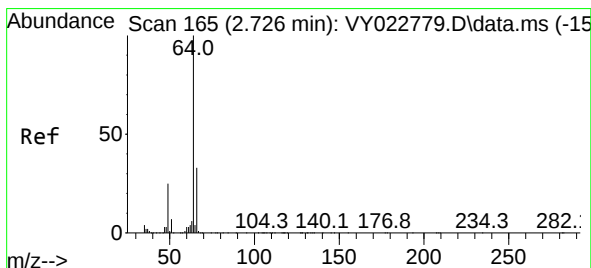
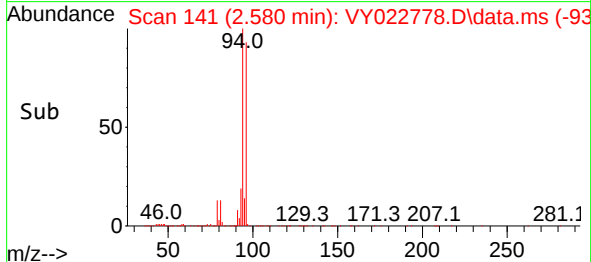
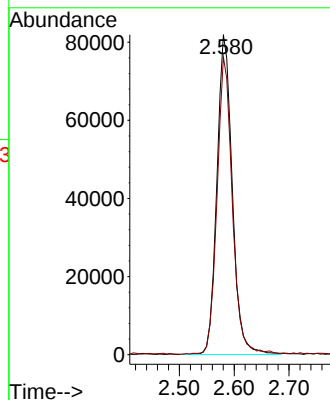
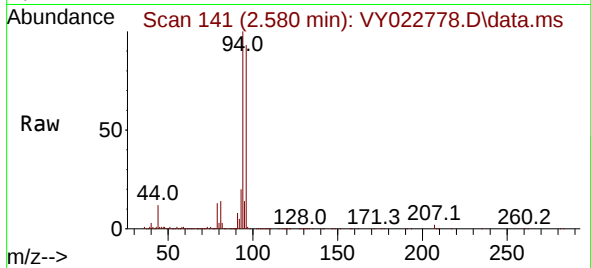




#5
Bromomethane
Concen: 21.301 ug/l
RT: 2.580 min Scan# 142
Delta R.T. -0.006 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

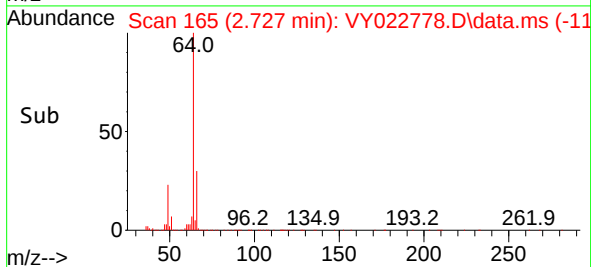
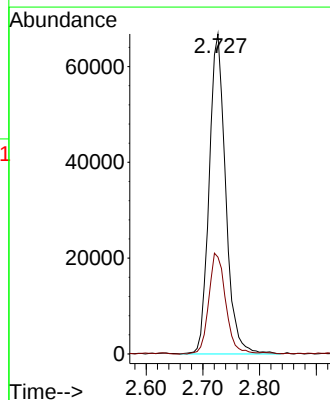
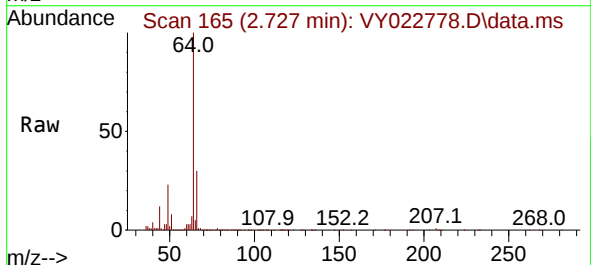
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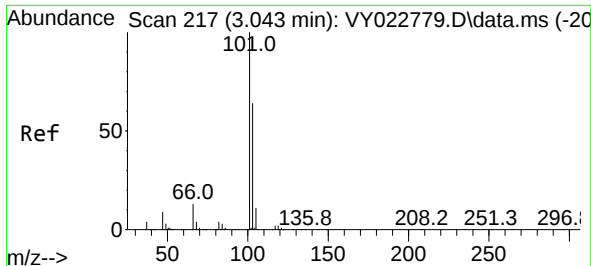
Tgt Ion: 94 Resp: 159406
Ion Ratio Lower Upper
94 100
96 92.9 74.3 111.5



#6
Chloroethane
Concen: 21.069 ug/l
RT: 2.727 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 64 Resp: 134813
Ion Ratio Lower Upper
64 100
66 30.2 26.6 39.8

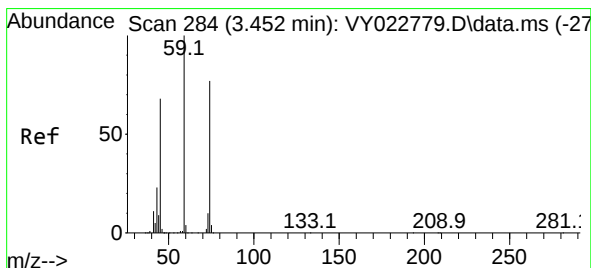
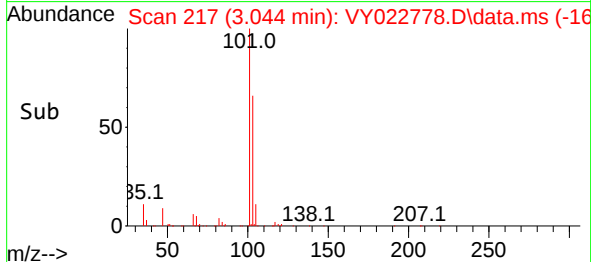
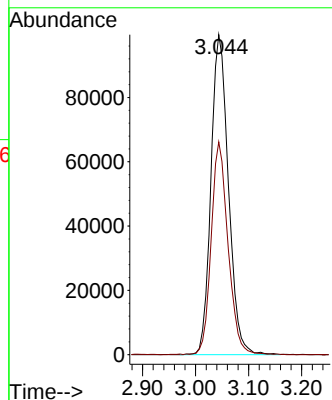
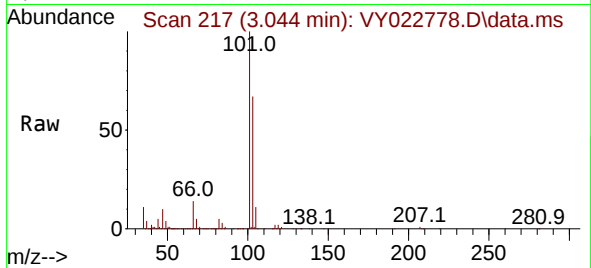




#7
 Trichlorofluoromethane
 Concen: 21.584 ug/l
 RT: 3.044 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY022778.D
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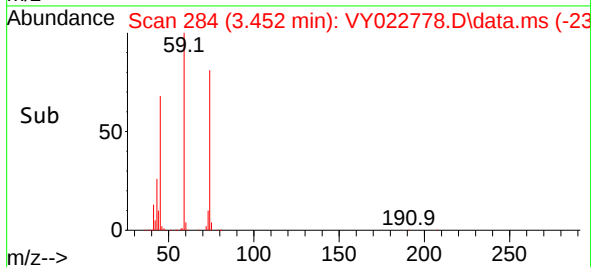
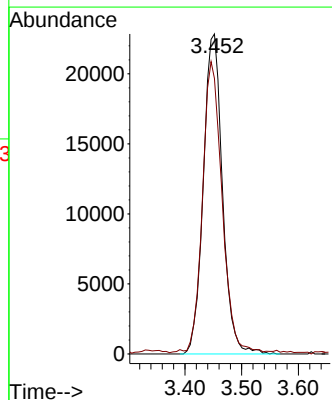
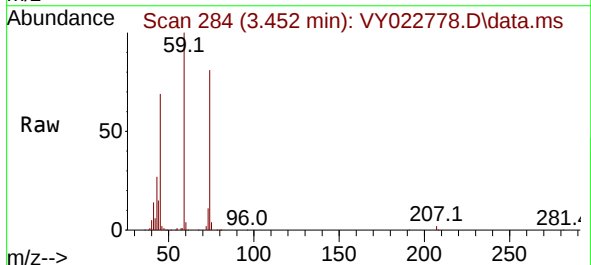
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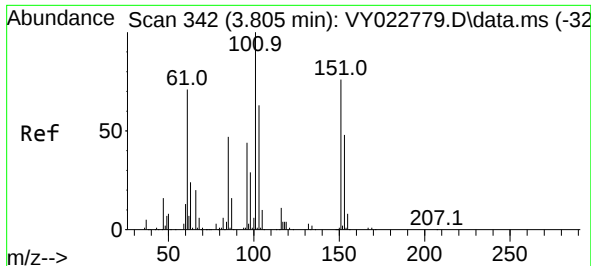
Tgt Ion:101 Resp: 227500
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.1 76.7



#8
 Diethyl Ether
 Concen: 20.563 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY022778.D
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Tgt Ion: 74 Resp: 53531
 Ion Ratio Lower Upper
 74 100
 45 93.1 45.0 134.8

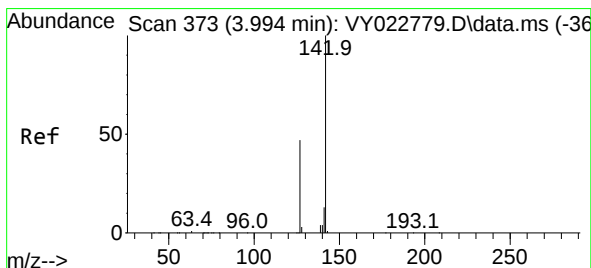
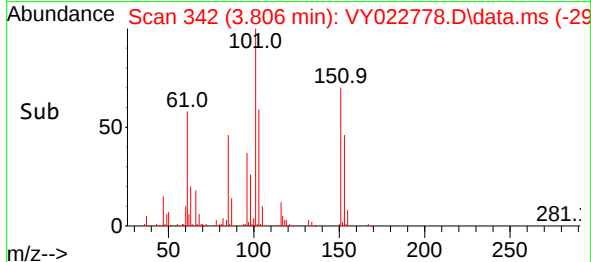
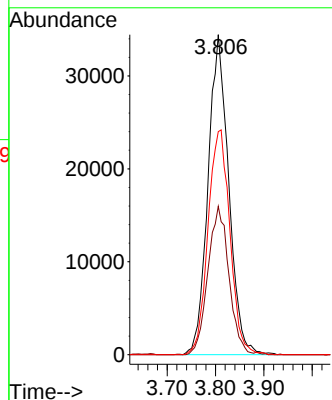
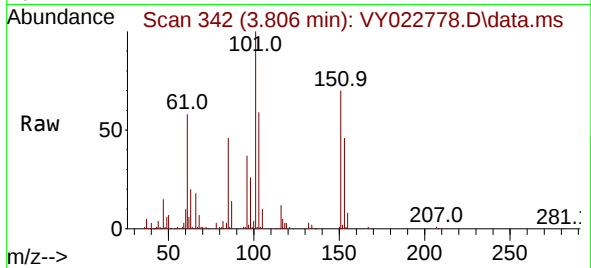




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.209 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

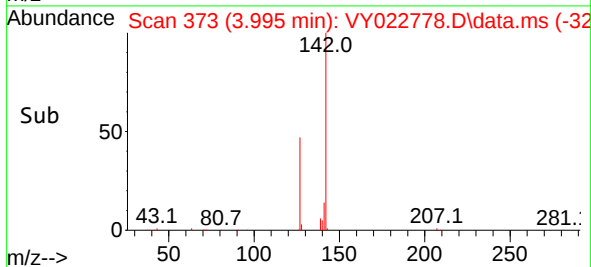
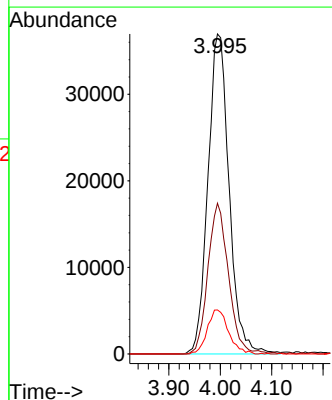
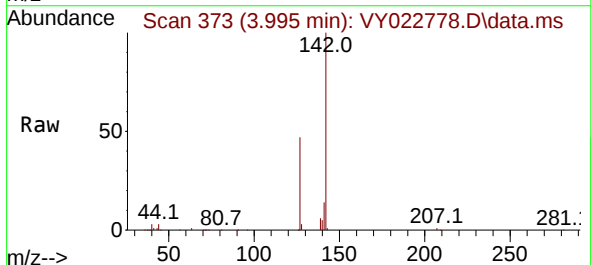
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

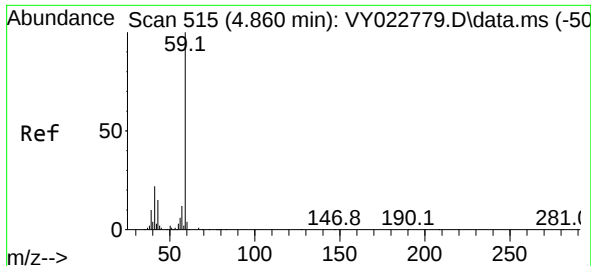
Tgt Ion:101 Resp: 102158
Ion Ratio Lower Upper
101 100
85 47.2 37.3 55.9
151 74.5 60.2 90.4



#10
Methyl Iodide
Concen: 20.162 ug/l
RT: 3.995 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion:142 Resp: 105737
Ion Ratio Lower Upper
142 100
127 46.0 36.5 54.7
141 13.8 11.4 17.2

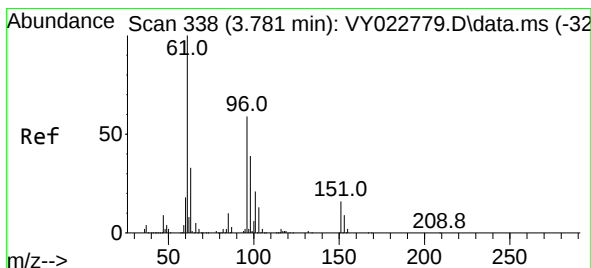
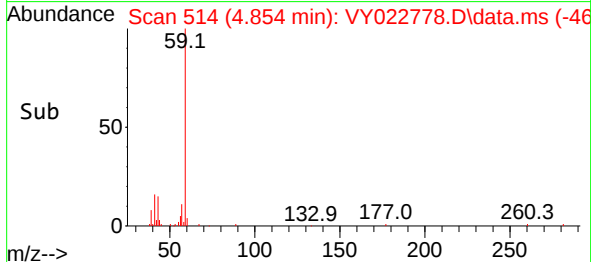
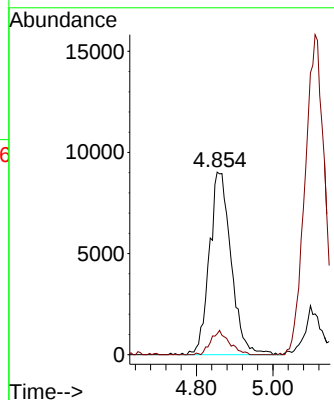
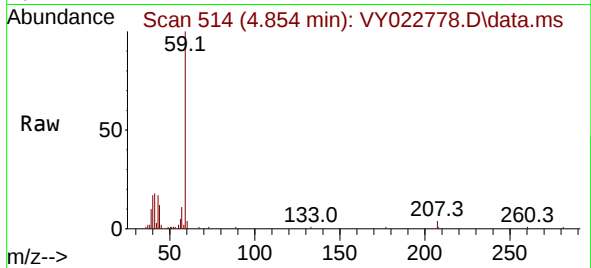




#11
Tert butyl alcohol
Concen: 102.731 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

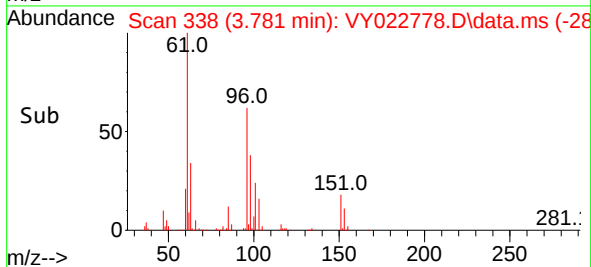
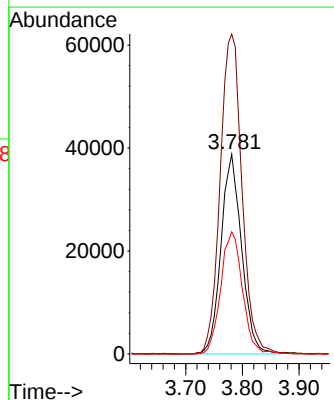
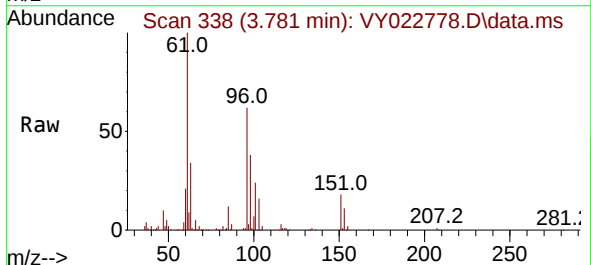
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 35575
Ion Ratio Lower Upper
59 100
57 11.3 8.8 13.2



#12
1,1-Dichloroethene
Concen: 20.691 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 96 Resp: 97726
Ion Ratio Lower Upper
96 100
61 160.2 135.8 203.6
98 61.1 53.0 79.4

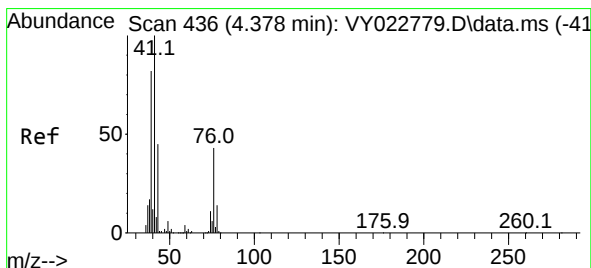
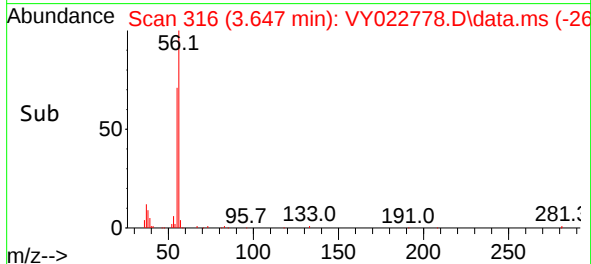
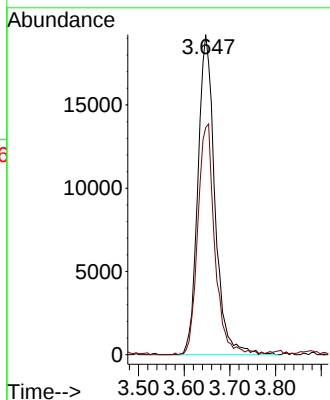
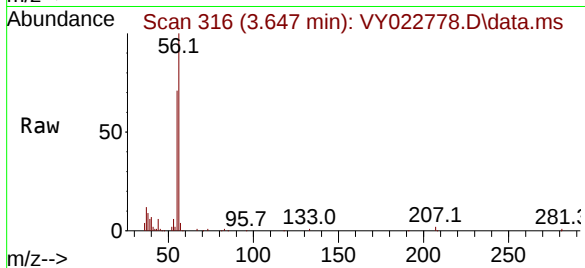




#13
Acrolein
Concen: 105.534 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

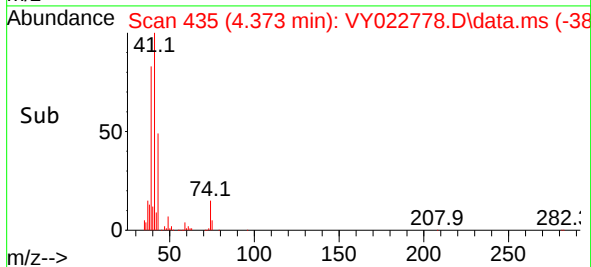
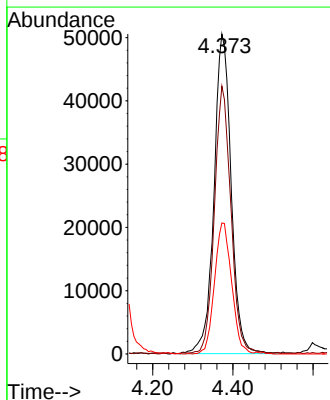
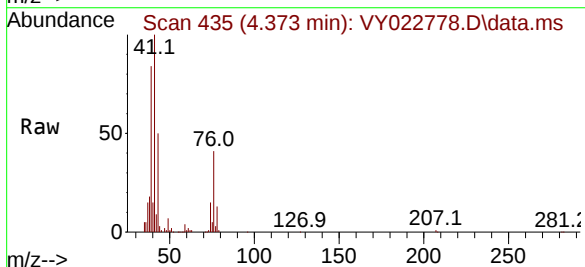
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

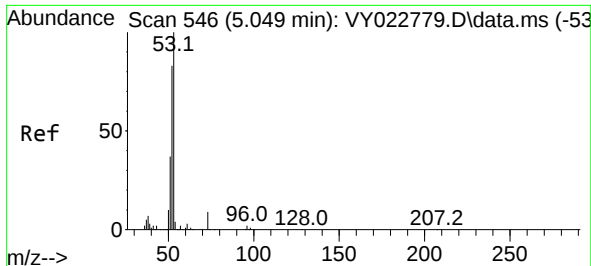
Tgt Ion: 56 Resp: 49556
Ion Ratio Lower Upper
56 100
55 71.7 55.4 83.2



#14
Allyl chloride
Concen: 20.687 ug/l
RT: 4.373 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 41 Resp: 150283
Ion Ratio Lower Upper
41 100
39 80.1 63.9 95.9
76 40.7 33.0 49.4

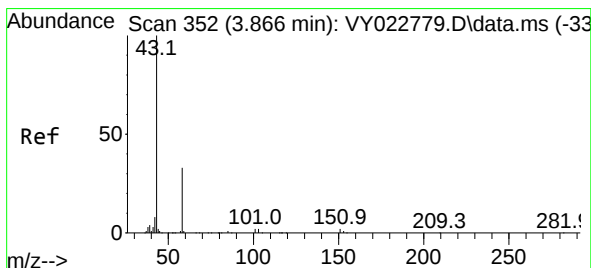
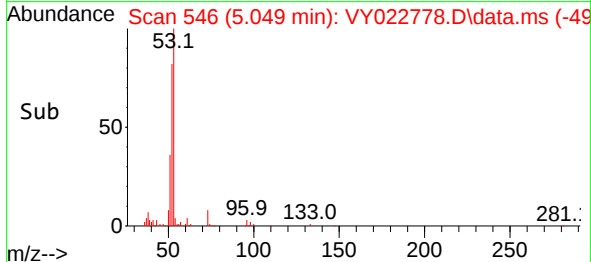
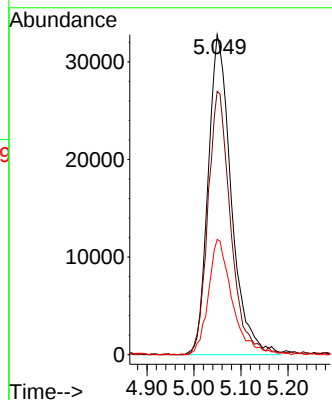
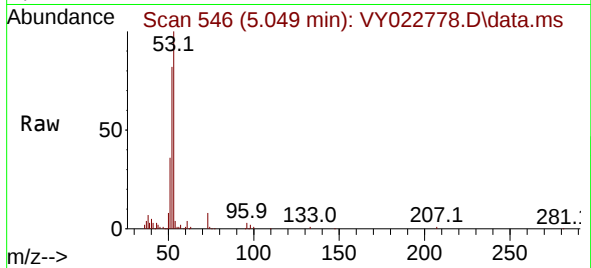




#15
Acrylonitrile
Concen: 103.145 ug/l
RT: 5.049 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

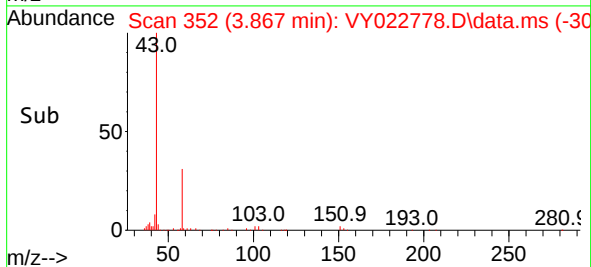
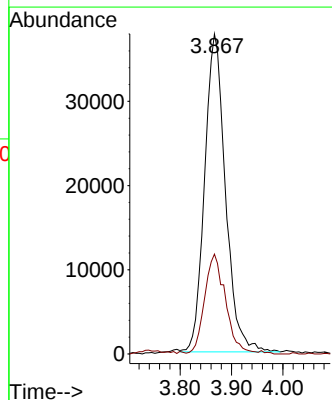
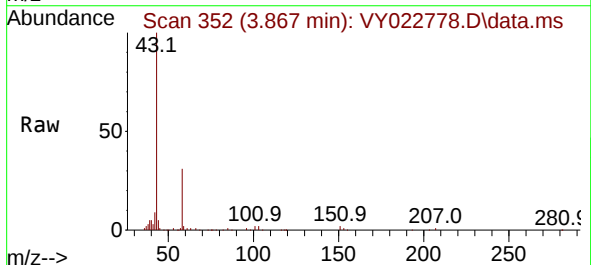
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

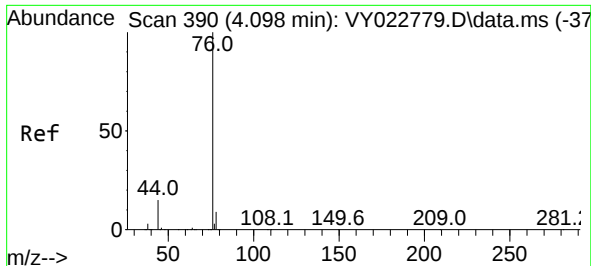
Tgt Ion: 53 Resp: 112031
Ion Ratio Lower Upper
53 100
52 80.2 65.0 97.4
51 37.2 30.1 45.1



#16
Acetone
Concen: 108.071 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 43 Resp: 106379
Ion Ratio Lower Upper
43 100
58 31.4 27.7 41.5

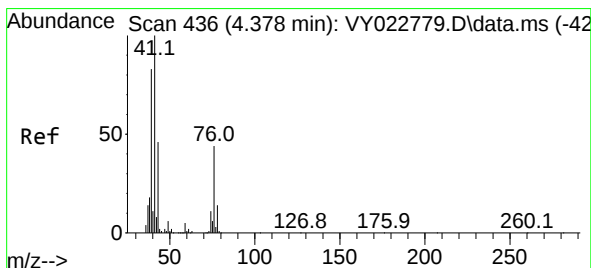
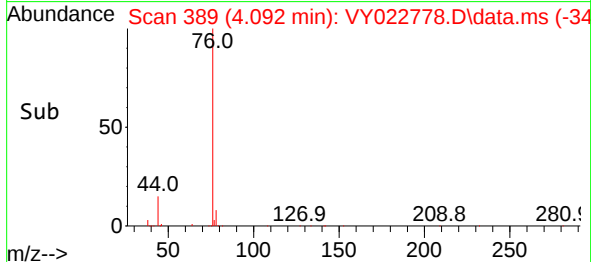
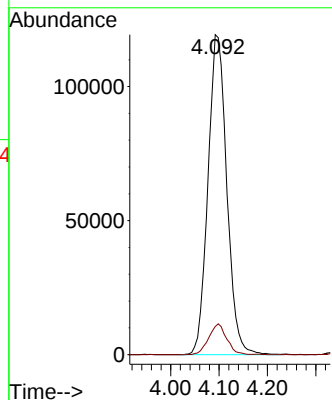
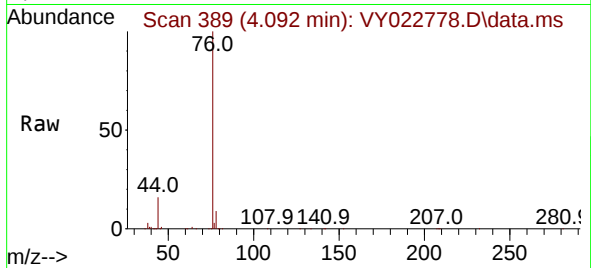




#17
Carbon Disulfide
Concen: 21.175 ug/l
RT: 4.092 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

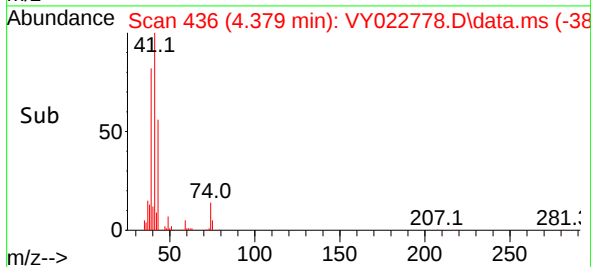
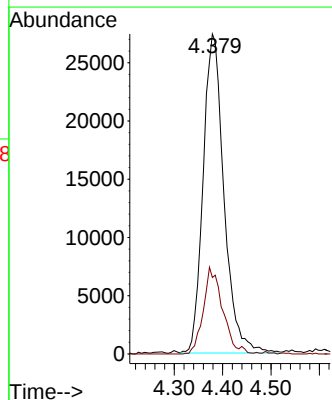
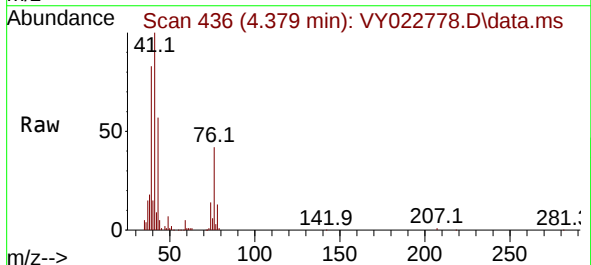
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 323087
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 25.182 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 43 Resp: 82088
Ion Ratio Lower Upper
43 100
74 25.2 20.6 31.0

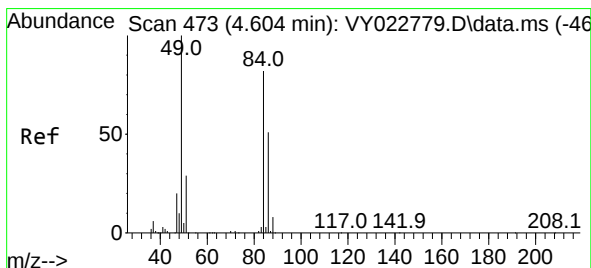
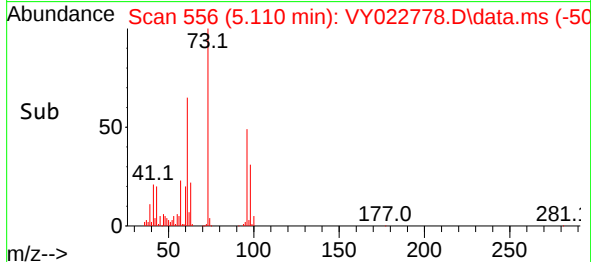
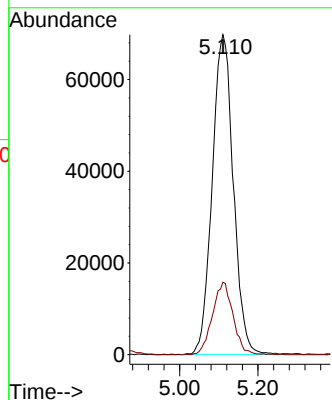
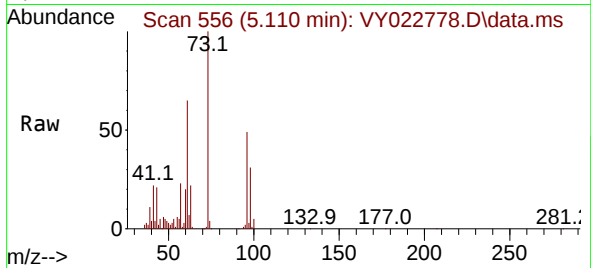




#19
Methyl tert-butyl Ether
Concen: 20.258 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

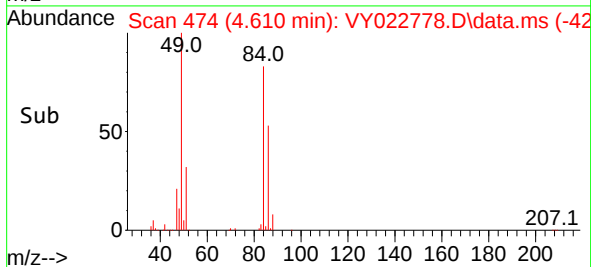
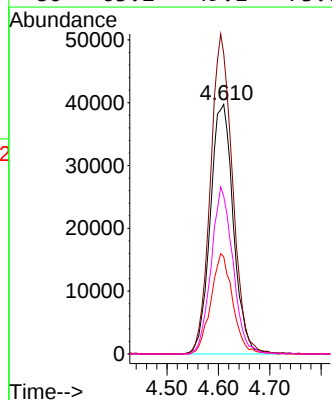
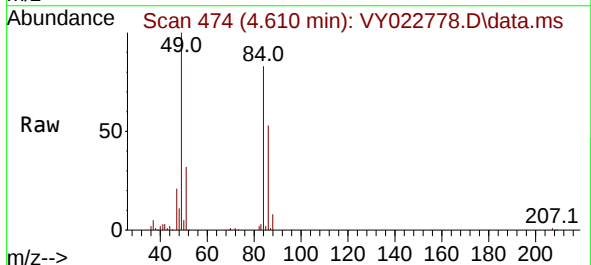
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

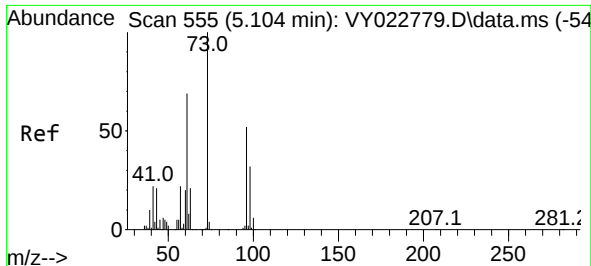
Tgt Ion: 73 Resp: 260531
Ion Ratio Lower Upper
73 100
57 22.7 17.7 26.5



#20
Methylene Chloride
Concen: 19.939 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 84 Resp: 123947
Ion Ratio Lower Upper
84 100
49 120.4 97.2 145.8
51 39.0 27.8 41.8
86 63.2 49.1 73.7

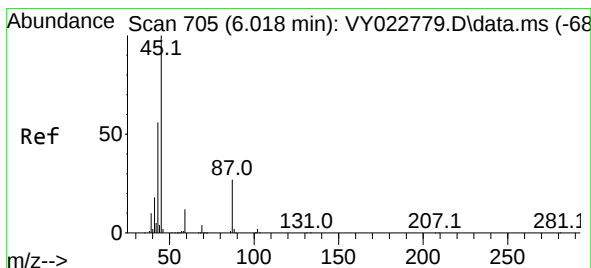
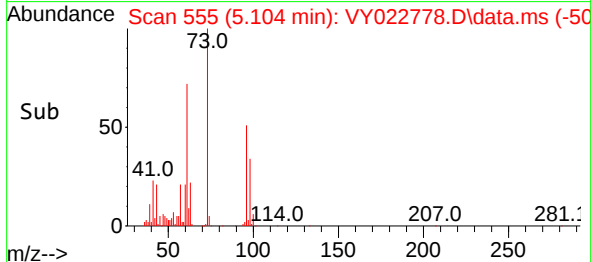
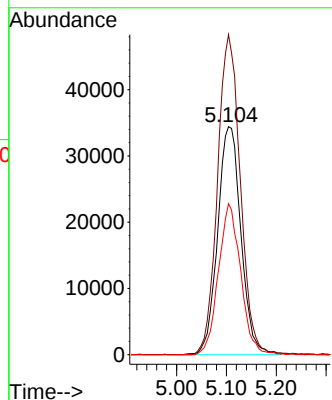
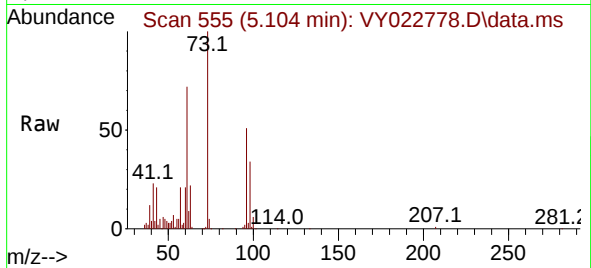




#21
trans-1,2-Dichloroethene
Concen: 20.659 ug/l
RT: 5.104 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

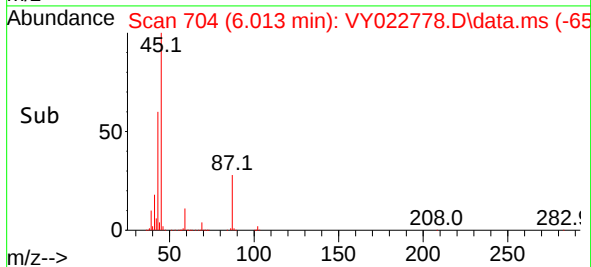
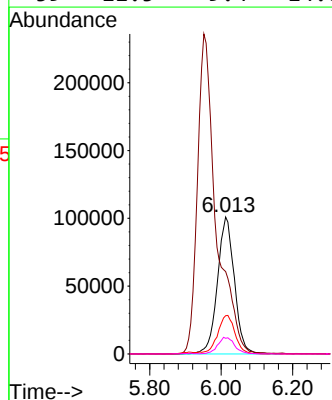
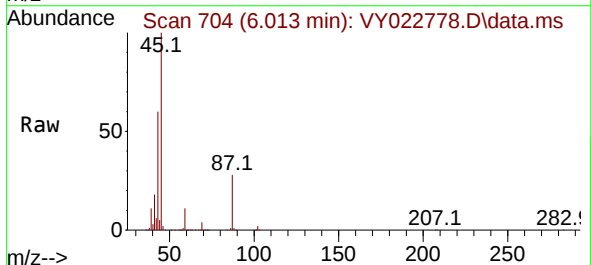
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

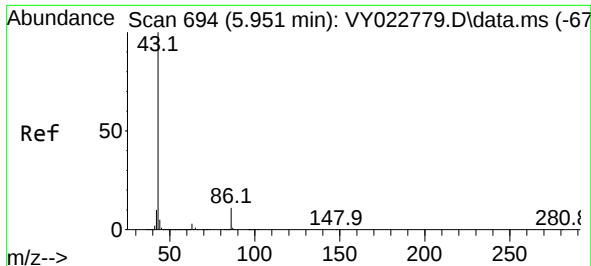
Tgt Ion: 96 Resp: 111517
Ion Ratio Lower Upper
96 100
61 140.3 107.2 160.8
98 66.2 49.1 73.7



#22
Diisopropyl ether
Concen: 20.578 ug/l
RT: 6.013 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 45 Resp: 331999
Ion Ratio Lower Upper
45 100
43 60.0 44.6 66.8
87 28.0 22.2 33.2
59 11.5 9.4 14.0

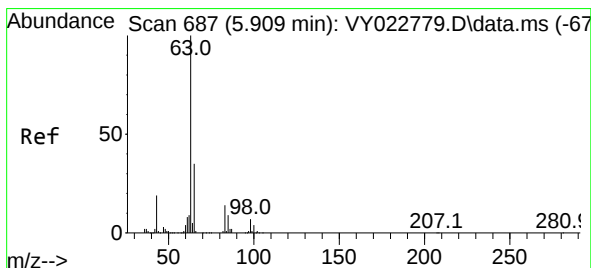
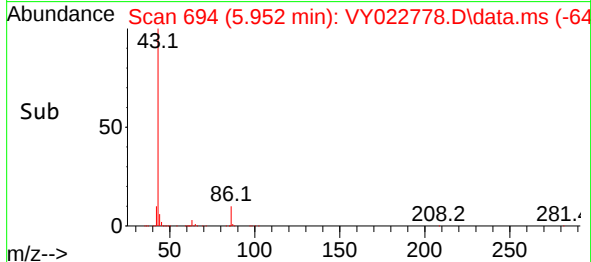
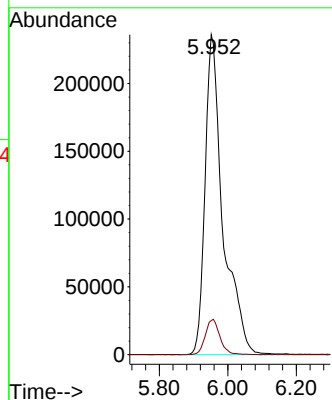
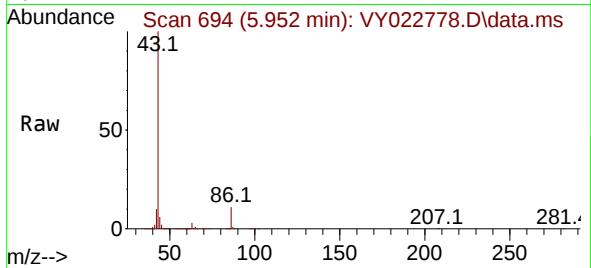




#23
 Vinyl Acetate
 Concen: 96.375 ug/l
 RT: 5.952 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY022778.D
 Acq: 23 Jun 2025 14:23

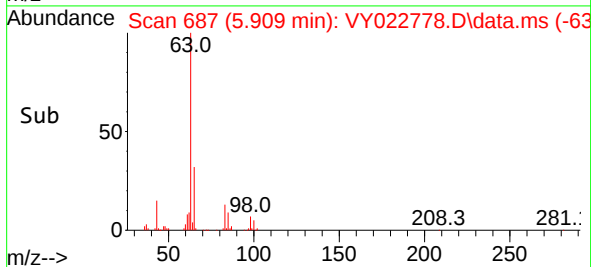
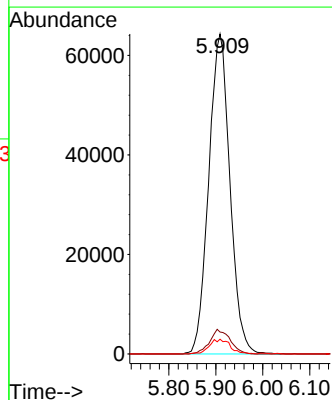
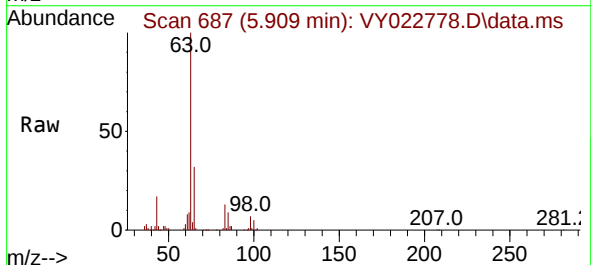
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

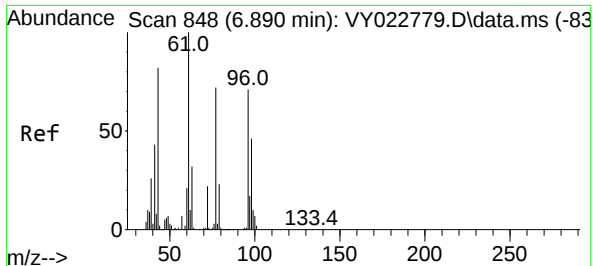
Tgt Ion: 43 Resp: 858731
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 20.671 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY022778.D
 Acq: 23 Jun 2025 14:23

Tgt Ion: 63 Resp: 201445
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 104.140 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

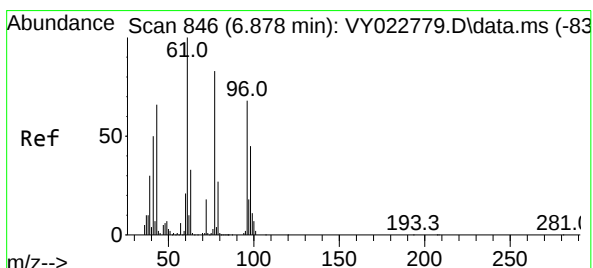
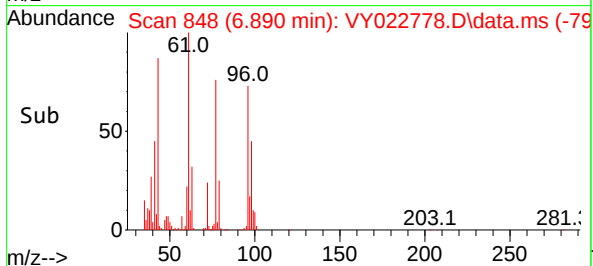
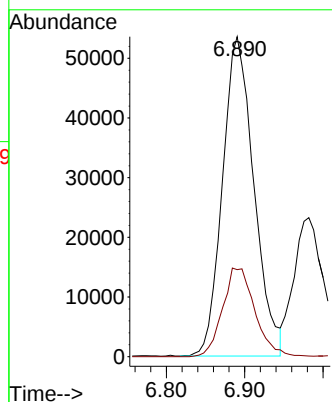
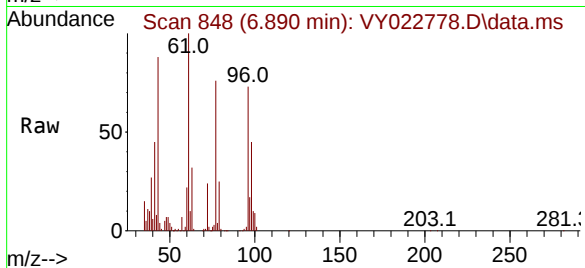
VSTDIC020

Tgt Ion: 43 Resp: 149196

Ion Ratio Lower Upper

43 100

72 27.3 21.9 32.9



#26

2,2-Dichloropropane

Concen: 21.179 ug/l

RT: 6.878 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY022778.D

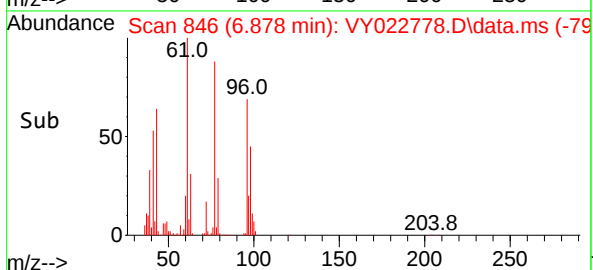
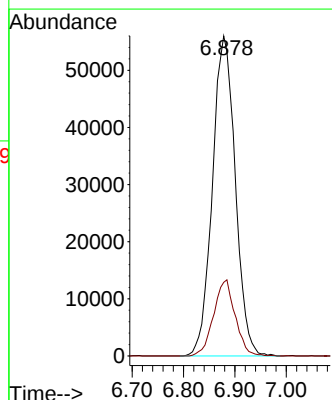
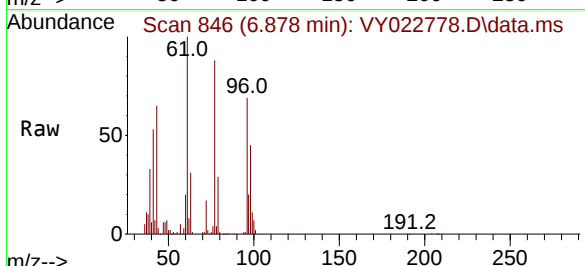
Acq: 23 Jun 2025 14:23

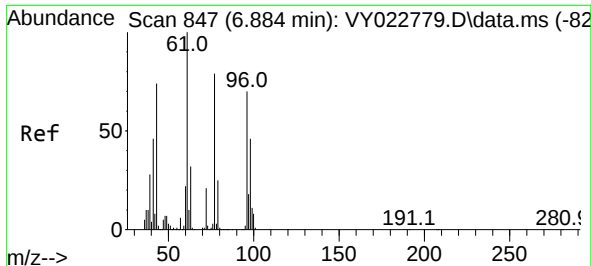
Tgt Ion: 77 Resp: 173008

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.9

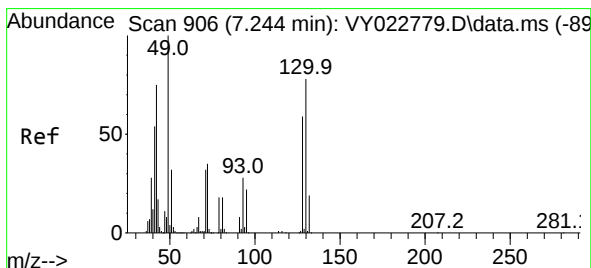
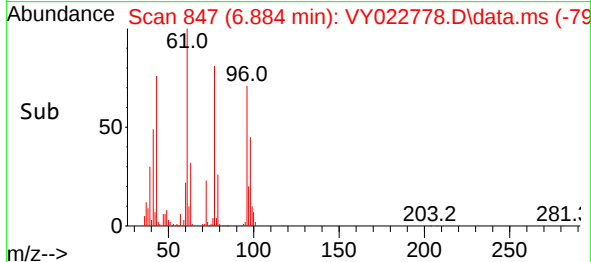
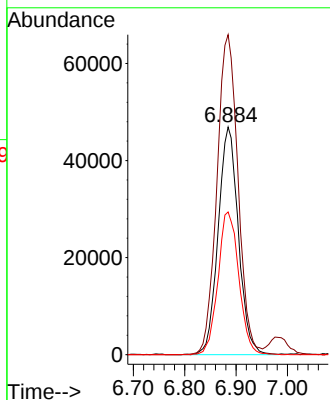
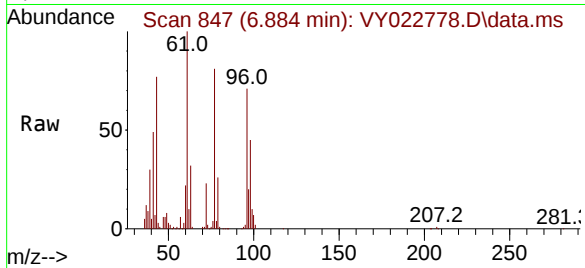




#27
 cis-1,2-Dichloroethene
 Concen: 20.439 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY022778.D
 Acq: 23 Jun 2025 14:23

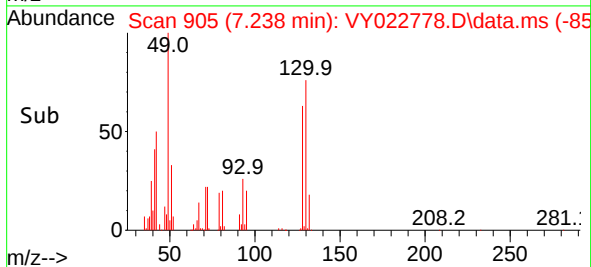
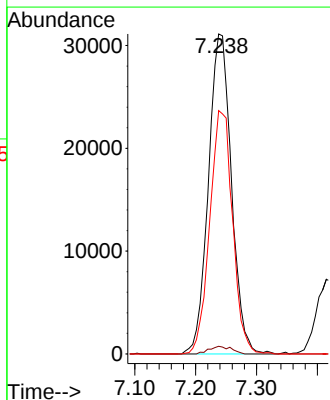
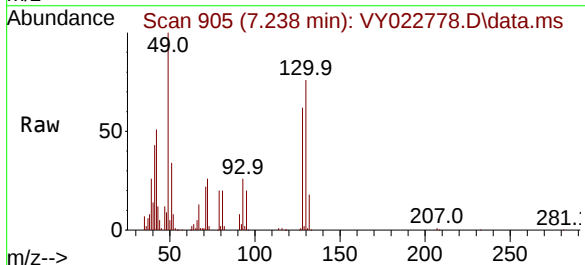
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

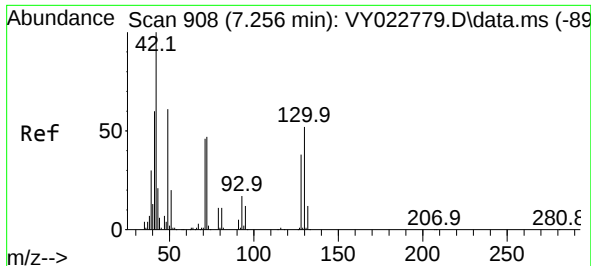
Tgt Ion: 96 Resp: 128206
 Ion Ratio Lower Upper
 96 100
 61 146.5 0.0 291.6
 98 64.7 0.0 130.8



#28
 Bromochloromethane
 Concen: 19.923 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY022778.D
 Acq: 23 Jun 2025 14:23

Tgt Ion: 49 Resp: 81625
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 75.5 59.9 89.9





#29

Tetrahydrofuran

Concen: 101.186 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

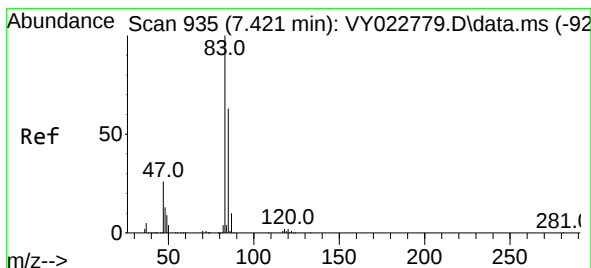
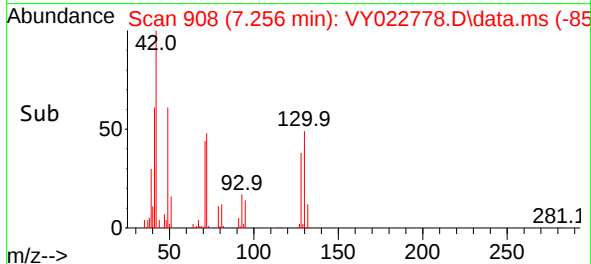
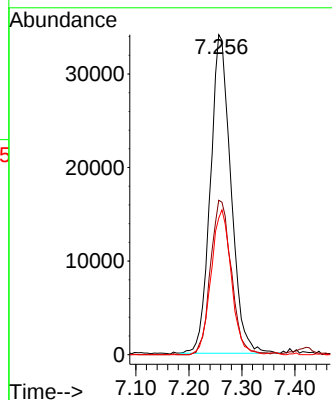
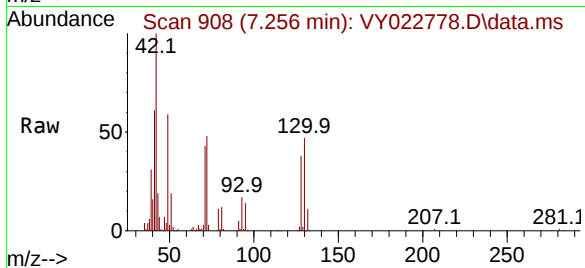
Tgt Ion: 42 Resp: 91536

Ion Ratio Lower Upper

42 100

72 49.1 37.4 56.2

71 44.9 35.4 53.2



#30

Chloroform

Concen: 20.428 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY022778.D

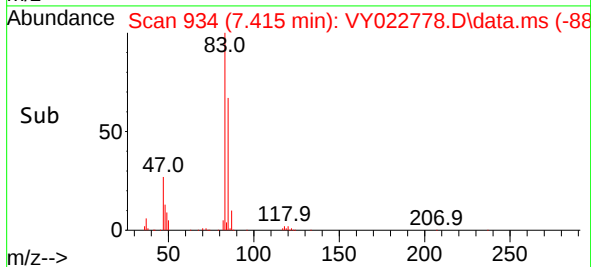
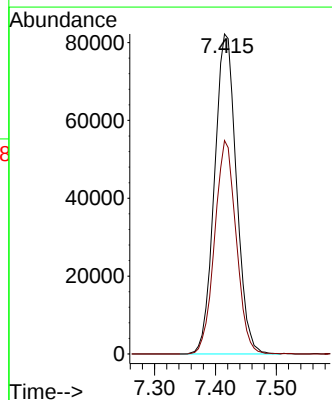
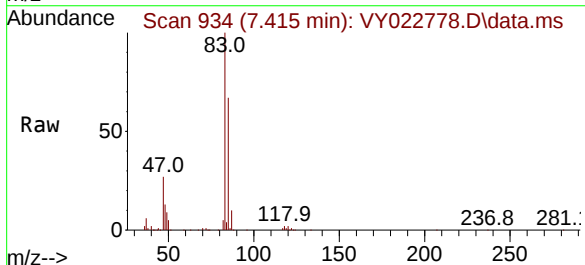
Acq: 23 Jun 2025 14:23

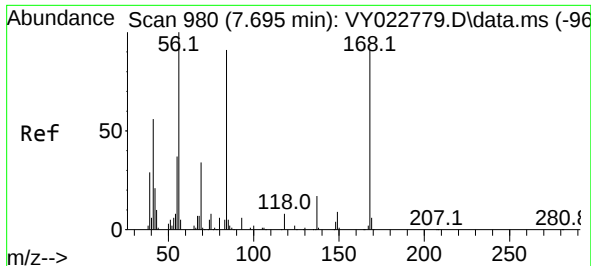
Tgt Ion: 83 Resp: 205035

Ion Ratio Lower Upper

83 100

85 66.7 50.1 75.1

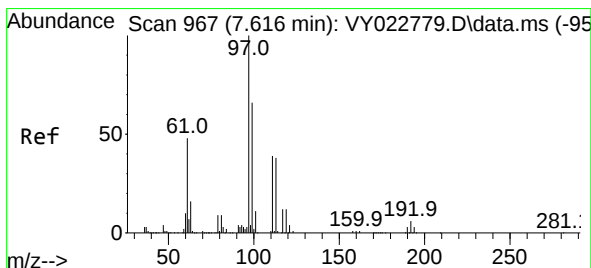
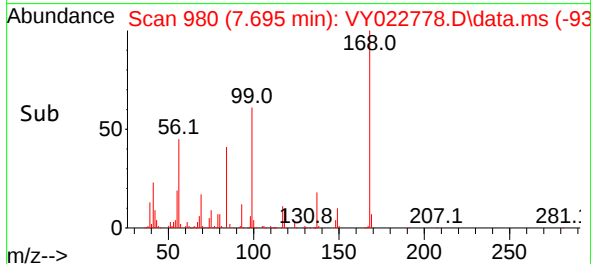
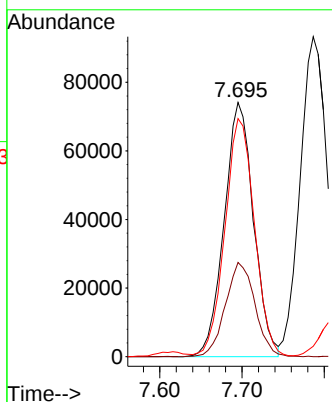
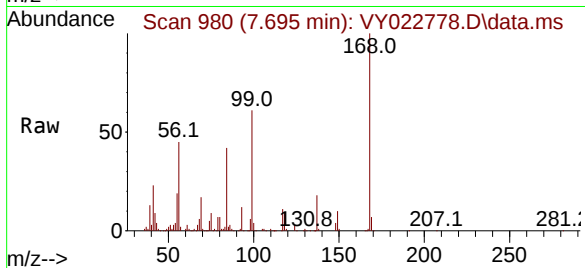




#31
Cyclohexane
Concen: 20.610 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

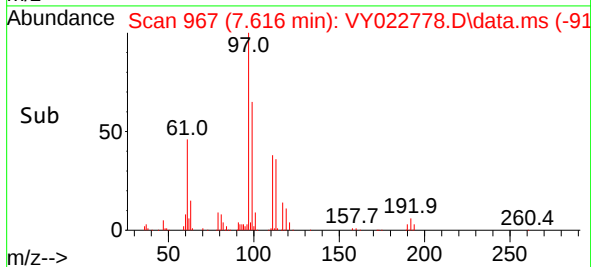
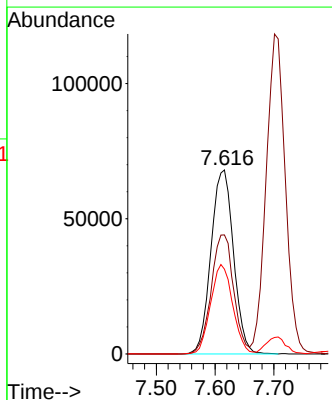
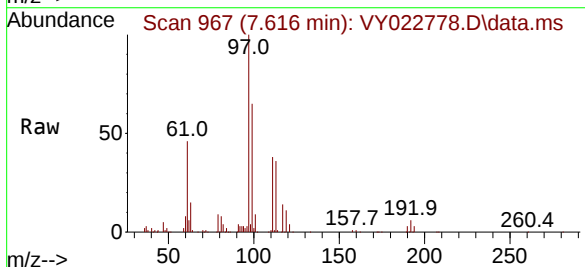
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

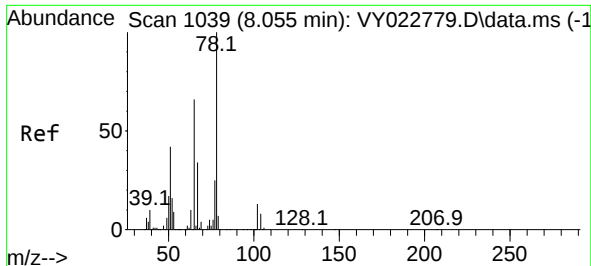
Tgt Ion: 56 Resp: 184362
Ion Ratio Lower Upper
56 100
69 37.1 27.4 41.0
84 91.9 73.1 109.7



#32
1,1,1-Trichloroethane
Concen: 20.934 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 97 Resp: 181573
Ion Ratio Lower Upper
97 100
99 64.5 50.9 76.3
61 47.6 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 19.949 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

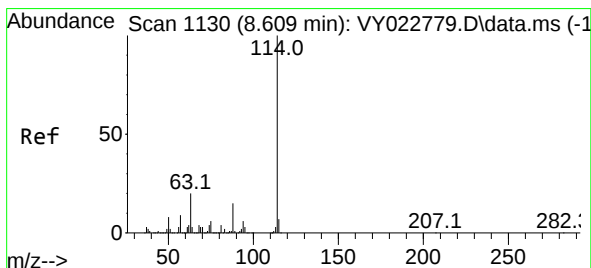
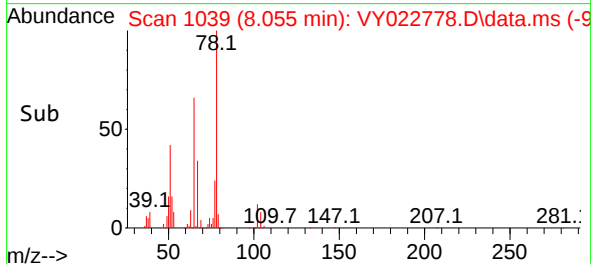
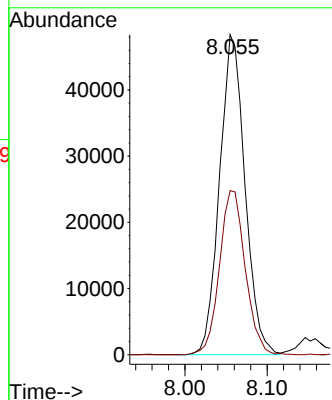
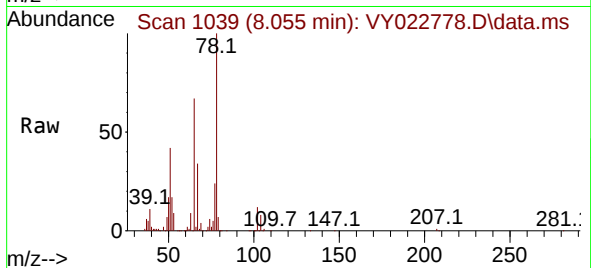
VSTDICC020

Tgt Ion: 65 Resp: 103895

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

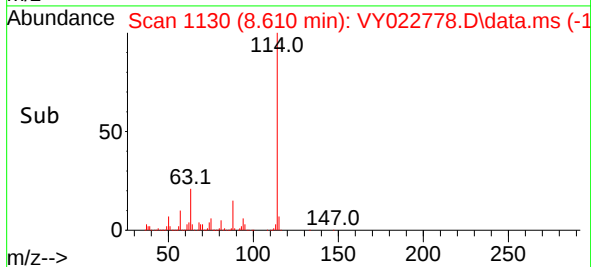
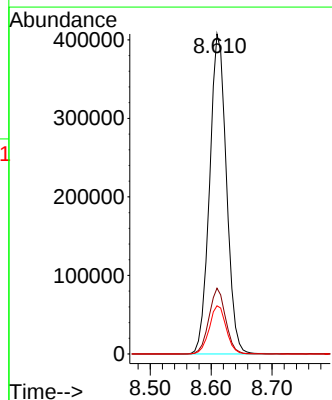
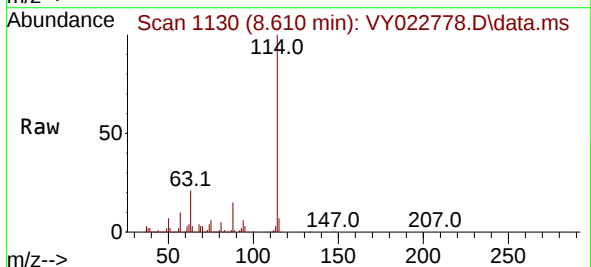
Tgt Ion: 114 Resp: 781920

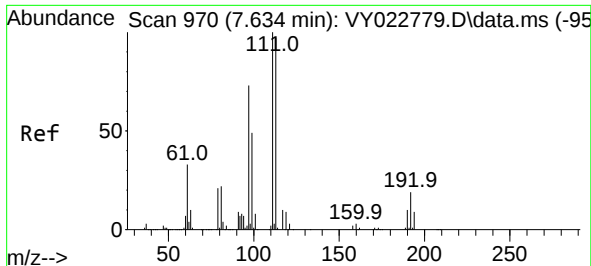
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

88 15.0 0.0 30.4

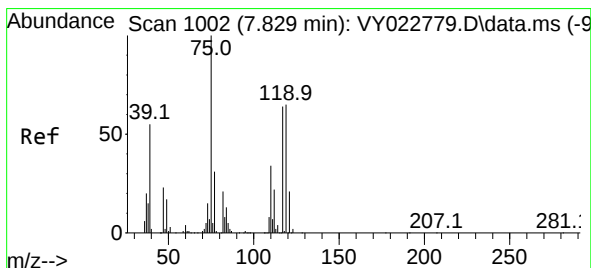
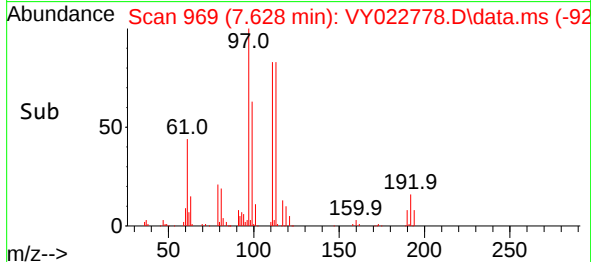
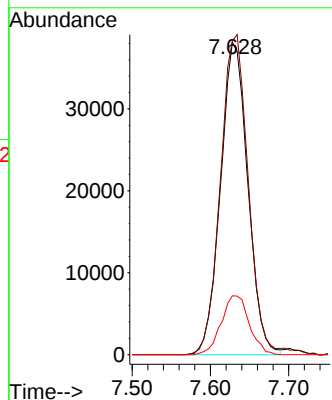
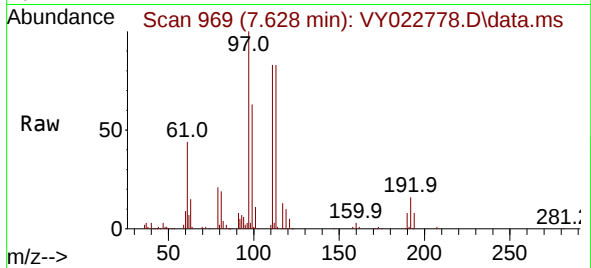




#35
Dibromofluoromethane
Concen: 19.426 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

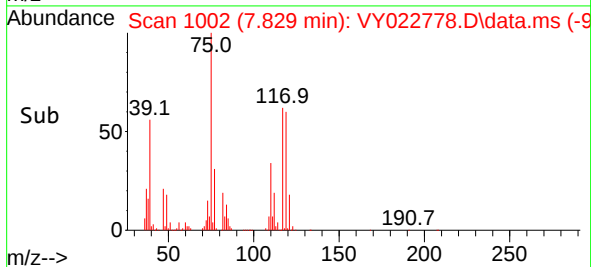
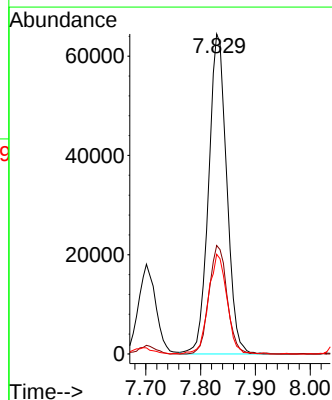
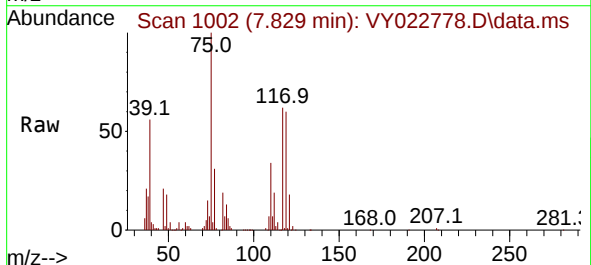
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

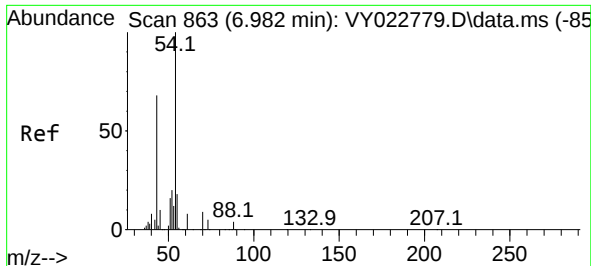
Tgt Ion:113 Resp: 92378
Ion Ratio Lower Upper
113 100
111 104.7 82.8 124.2
192 19.3 15.6 23.4



#36
1,1-Dichloropropene
Concen: 20.481 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 75 Resp: 147625
Ion Ratio Lower Upper
75 100
110 34.0 17.3 52.0
77 31.9 25.0 37.4





#37

Ethyl Acetate

Concen: 19.954 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

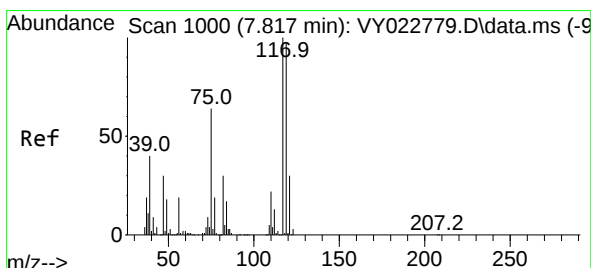
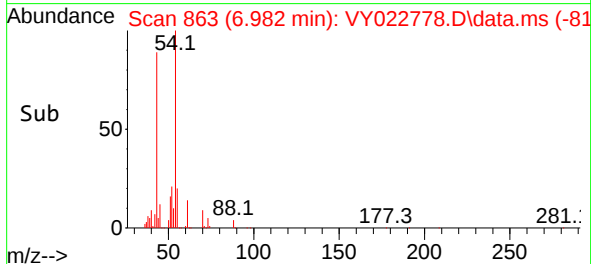
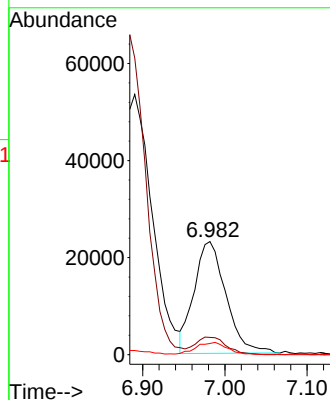
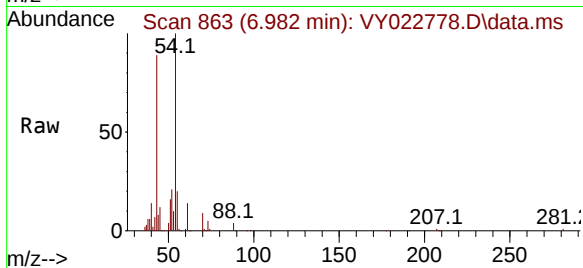
Tgt Ion: 43 Resp: 62062

Ion Ratio Lower Upper

43 100

61 15.5 11.7 17.5

70 10.9 8.5 12.7



#38

Carbon Tetrachloride

Concen: 20.868 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

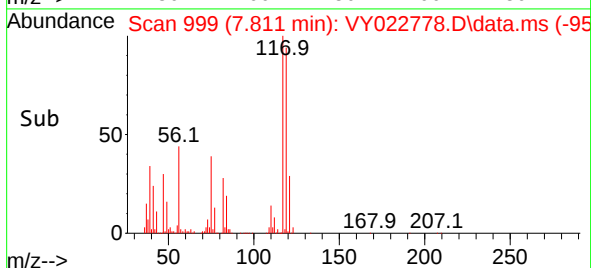
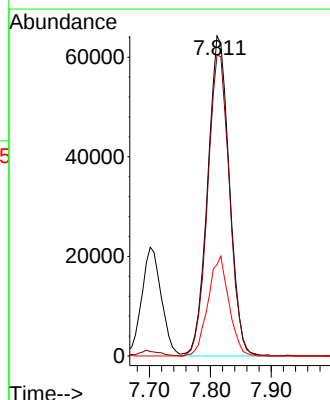
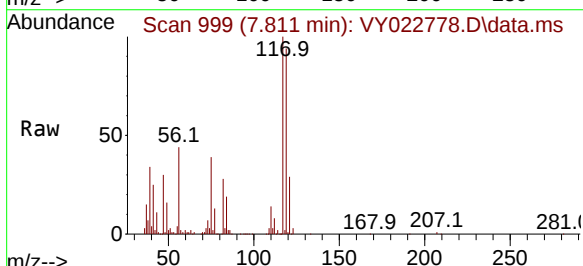
Tgt Ion: 117 Resp: 158707

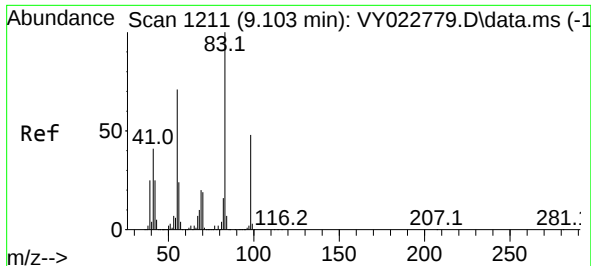
Ion Ratio Lower Upper

117 100

119 94.0 77.5 116.3

121 28.6 24.1 36.1





#39

Methylcyclohexane

Concen: 20.453 ug/l

RT: 9.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

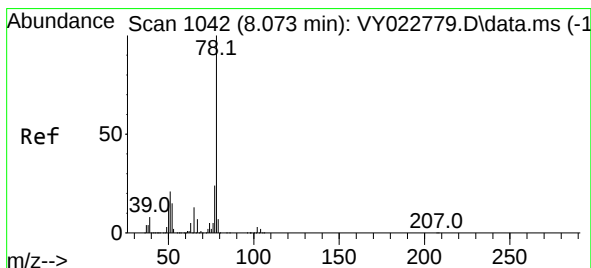
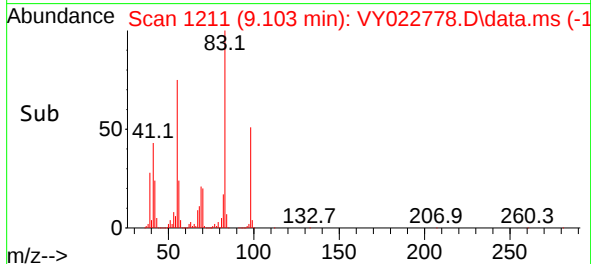
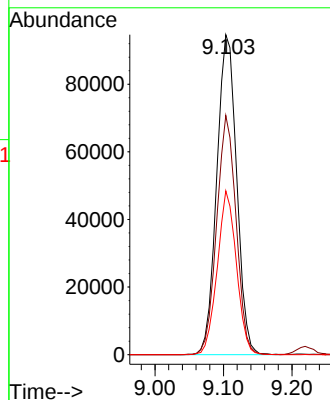
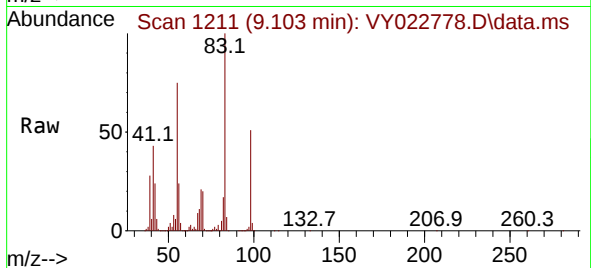
Tgt Ion: 83 Resp: 190778

Ion Ratio Lower Upper

83 100

55 74.7 56.6 84.8

98 51.2 38.1 57.1



#40

Benzene

Concen: 20.472 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY022778.D

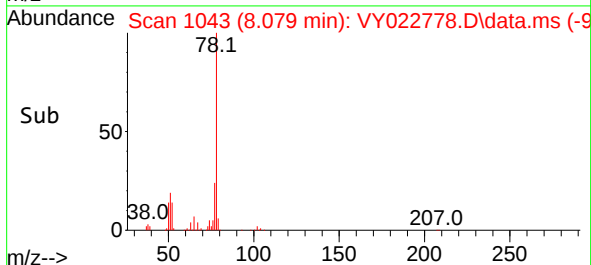
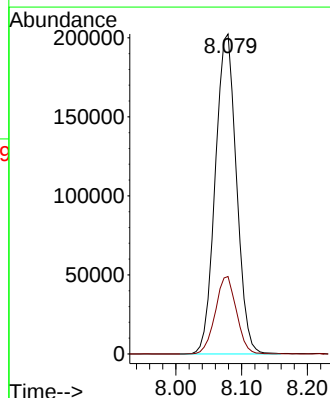
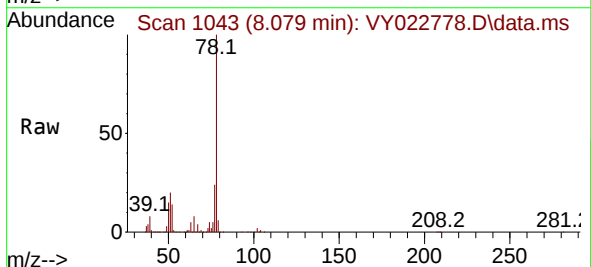
Acq: 23 Jun 2025 14:23

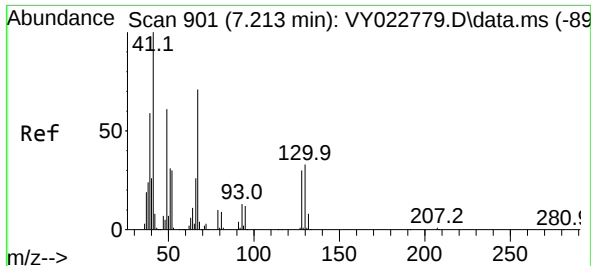
Tgt Ion: 78 Resp: 453686

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7

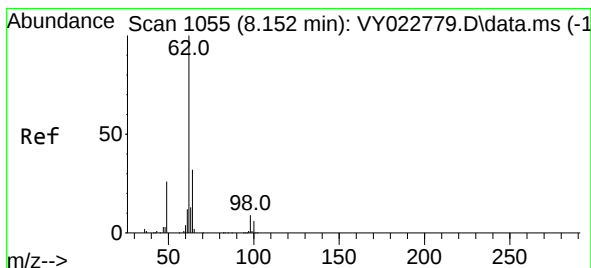
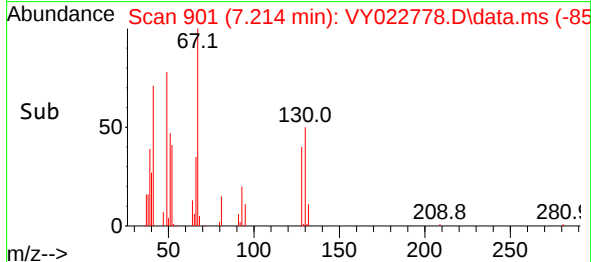
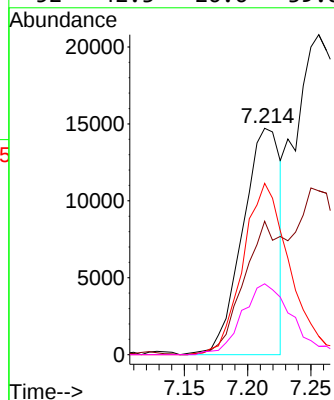
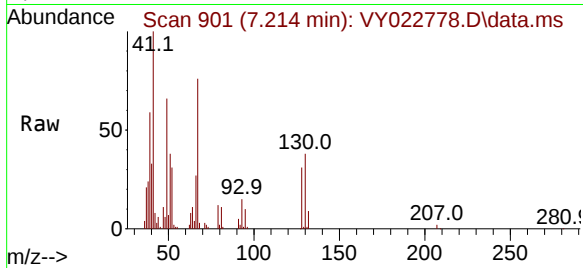




#41
Methacrylonitrile
Concen: 15.566 ug/l
RT: 7.214 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

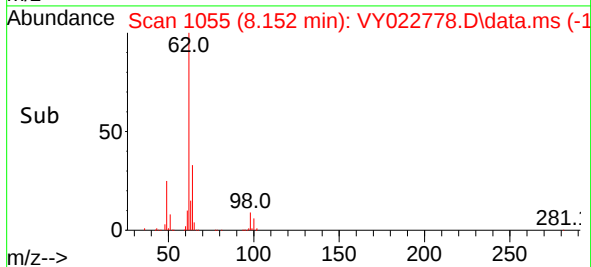
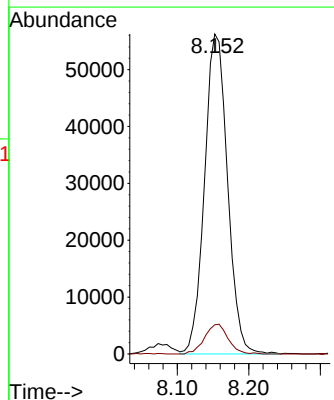
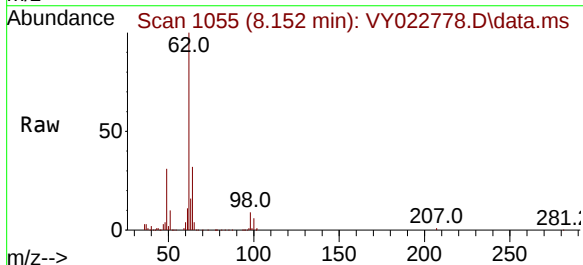
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

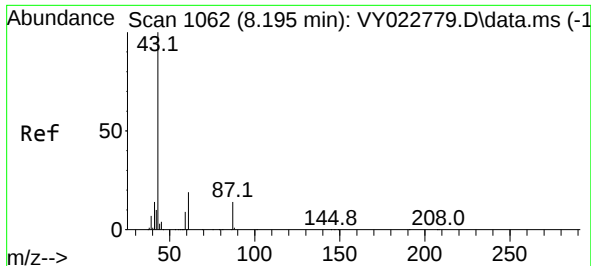
Tgt Ion: 41 Resp: 30543
Ion Ratio Lower Upper
41 100
39 65.2 44.7 67.1
67 94.2 63.1 94.7
52 42.3 26.6 39.8#



#42
1,2-Dichloroethane
Concen: 20.728 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 62 Resp: 125873
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.6

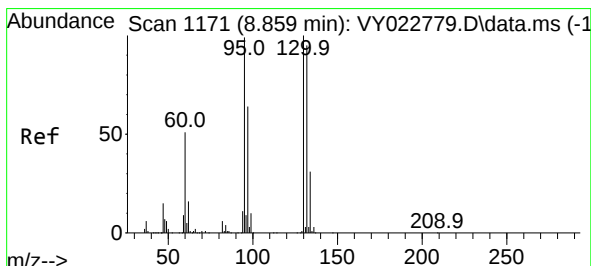
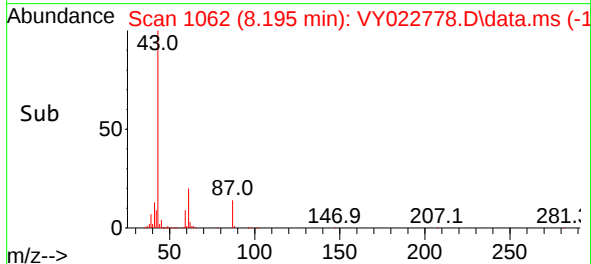
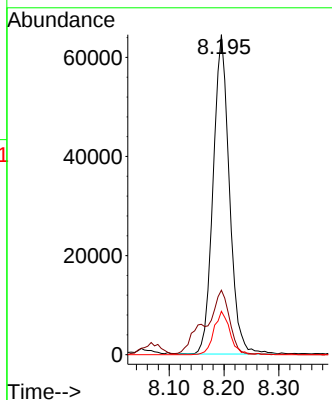
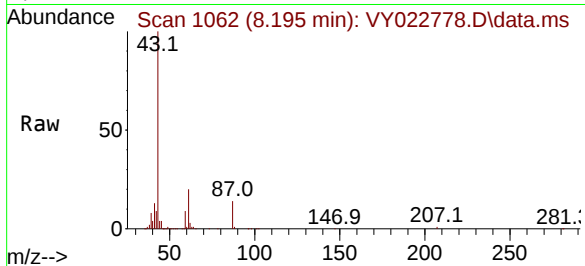




#43
Isopropyl Acetate
Concen: 20.501 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

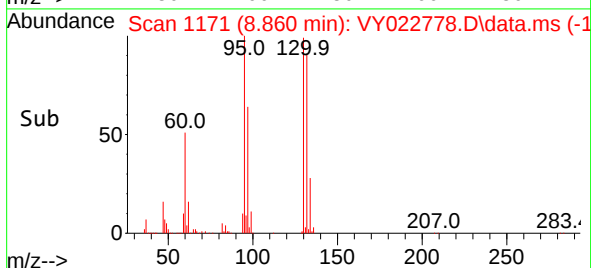
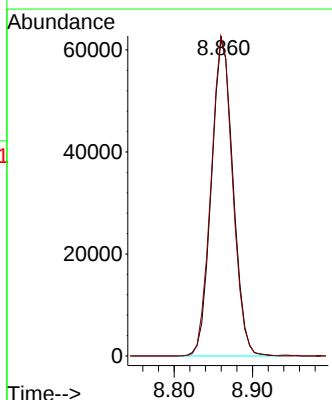
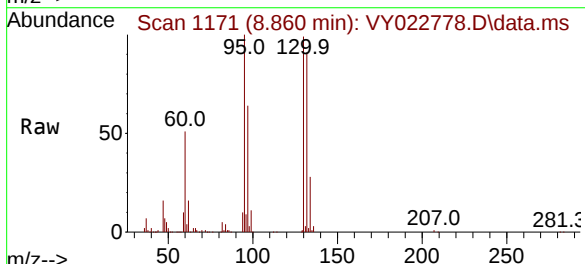
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

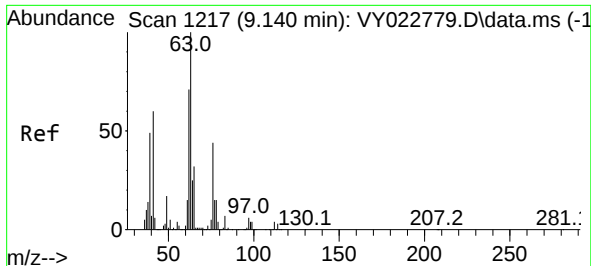
Tgt Ion: 43 Resp: 132526
Ion Ratio Lower Upper
43 100
61 21.8 16.7 25.1
87 13.4 11.0 16.4



#44
Trichloroethene
Concen: 21.498 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion:130 Resp: 119612
Ion Ratio Lower Upper
130 100
95 101.3 0.0 197.2





#45

1,2-Dichloropropane

Concen: 20.785 ug/l

RT: 9.134 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

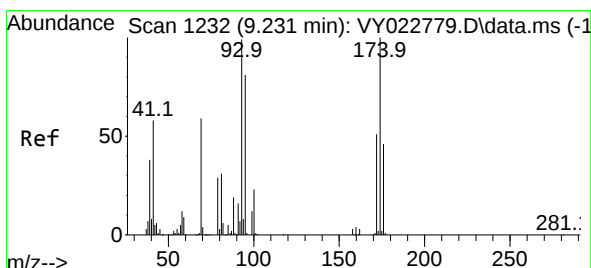
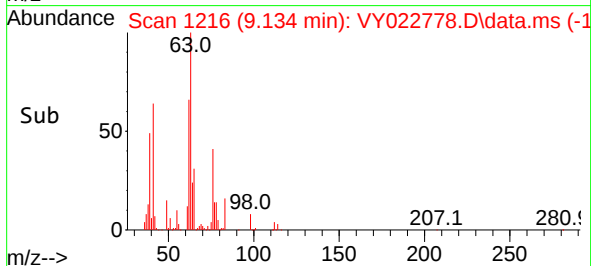
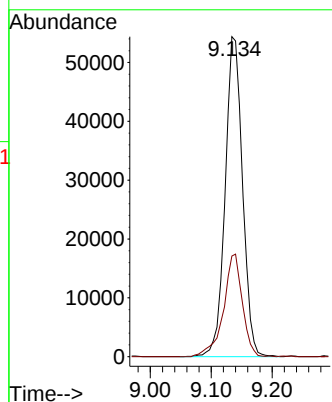
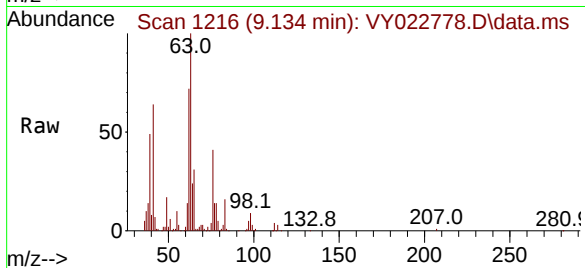
VSTDIC020

Tgt Ion: 63 Resp: 107803

Ion Ratio Lower Upper

63 100

65 31.4 25.3 37.9



#46

Dibromomethane

Concen: 20.430 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

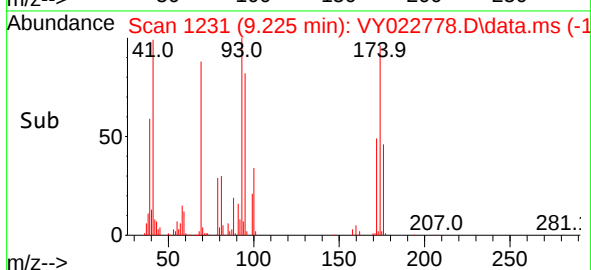
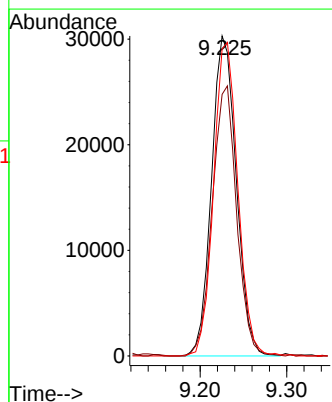
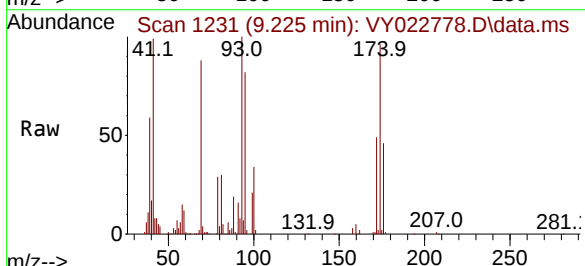
Tgt Ion: 93 Resp: 60151

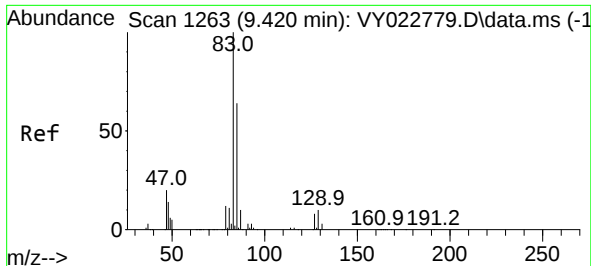
Ion Ratio Lower Upper

93 100

95 83.2 66.4 99.6

174 96.1 76.7 115.1

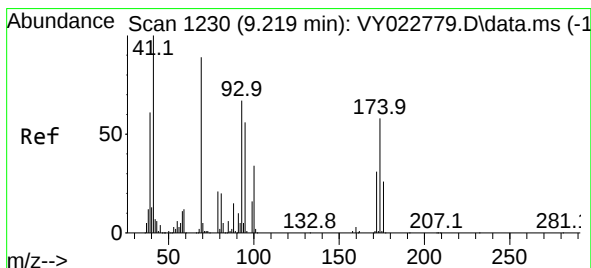
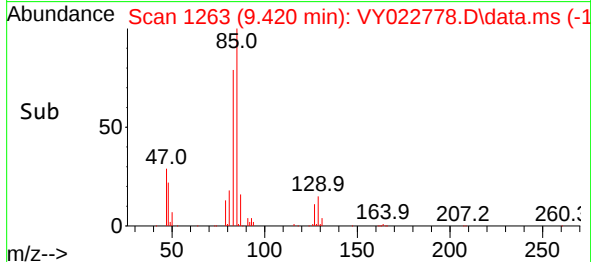
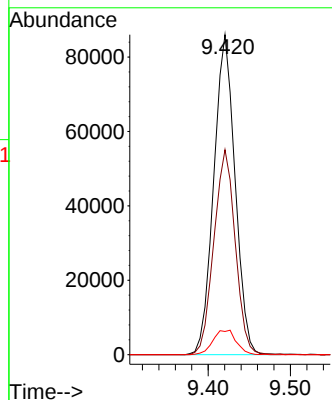
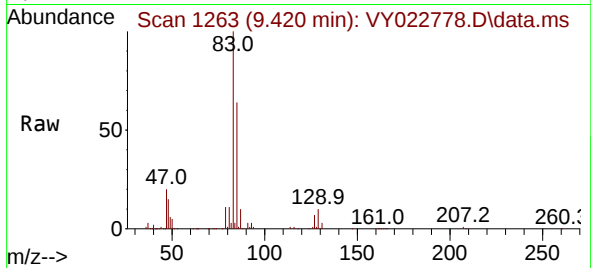




#47
Bromodichloromethane
Concen: 20.424 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

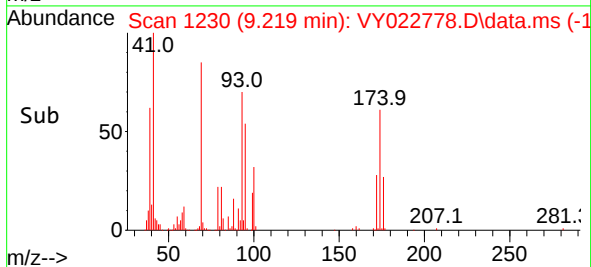
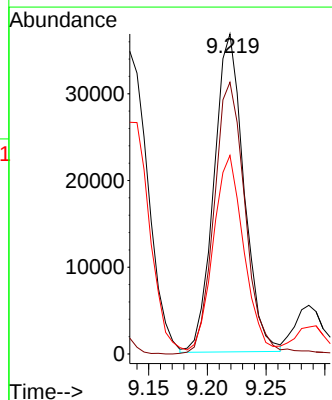
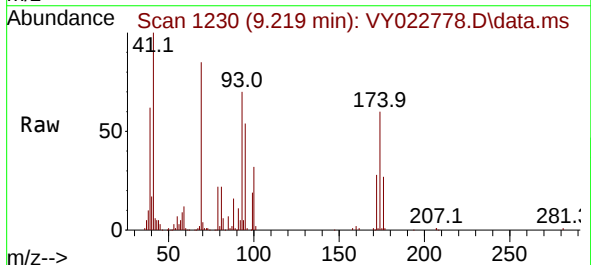
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

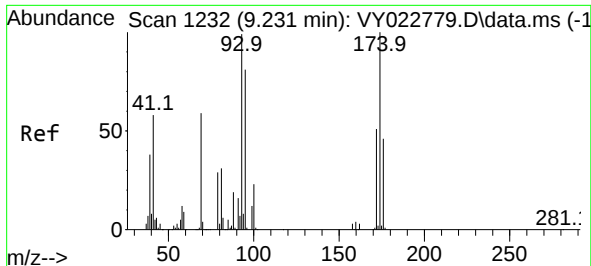
Tgt Ion: 83 Resp: 155066
Ion Ratio Lower Upper
83 100
85 64.0 51.5 77.3
127 7.2 6.4 9.6



#48
Methyl methacrylate
Concen: 20.951 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 41 Resp: 65108
Ion Ratio Lower Upper
41 100
69 88.8 70.6 105.8
39 61.3 50.2 75.4





#49

1,4-Dioxane

Concen: 423.683 ug/l

RT: 9.219 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

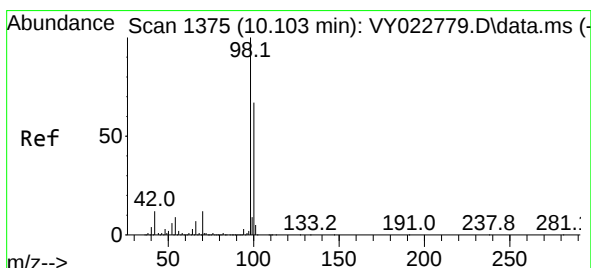
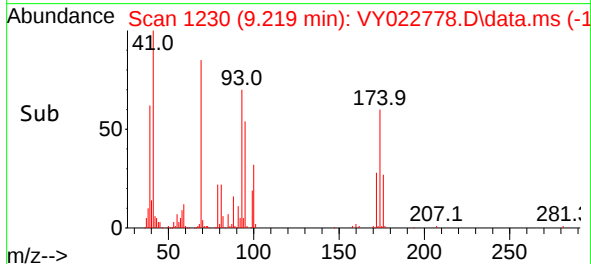
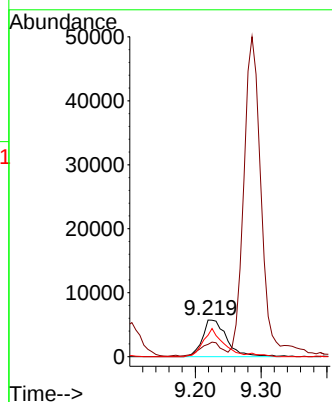
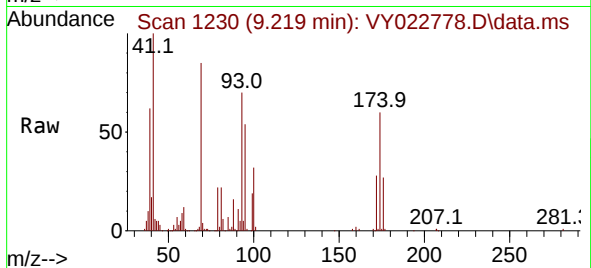
Tgt Ion: 88 Resp: 14738

Ion Ratio Lower Upper

88 100

43 31.4 27.6 41.4

58 62.1 50.6 75.8



#50

Toluene-d8

Concen: 19.654 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022778.D

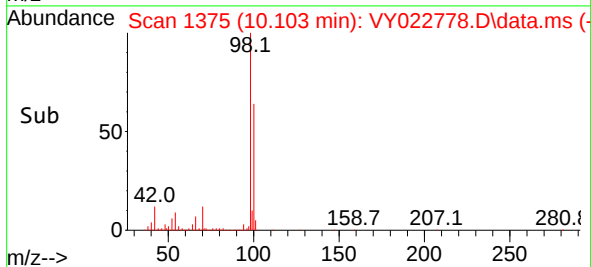
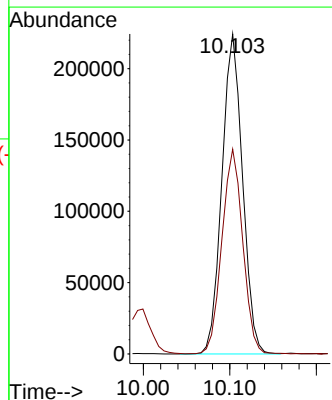
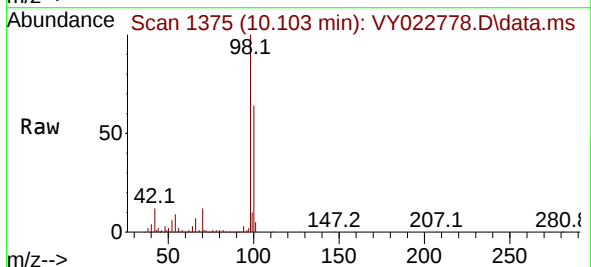
Acq: 23 Jun 2025 14:23

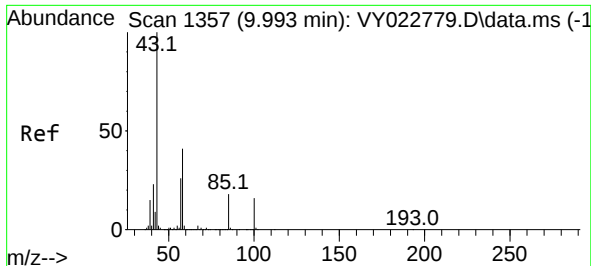
Tgt Ion: 98 Resp: 370864

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 102.143 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

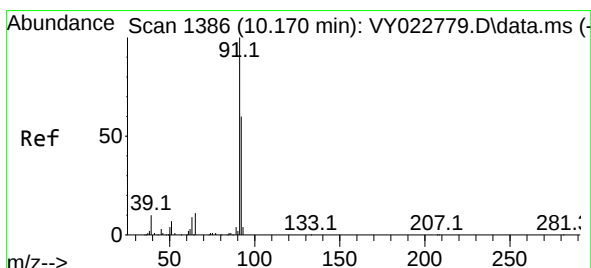
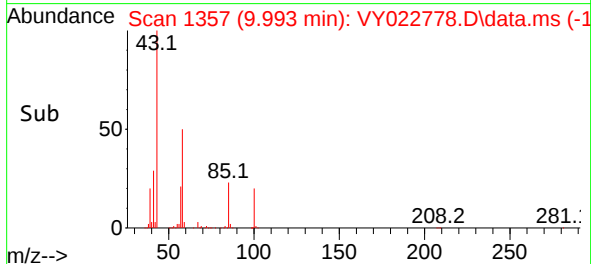
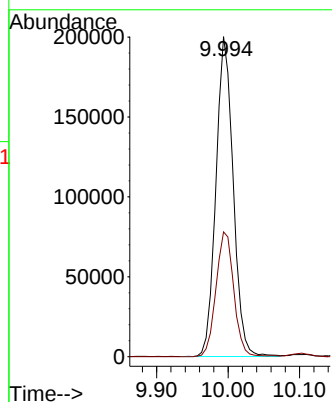
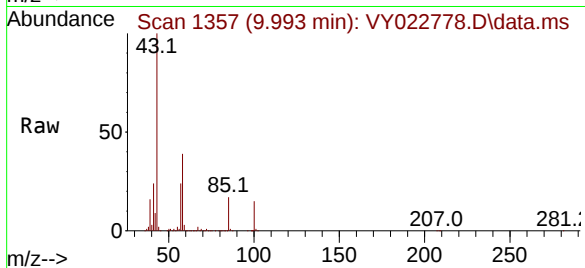
VSTDIC020

Tgt Ion: 43 Resp: 335542

Ion Ratio Lower Upper

43 100

58 40.4 32.9 49.3



#52

Toluene

Concen: 20.321 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. -0.006 min

Lab File: VY022778.D

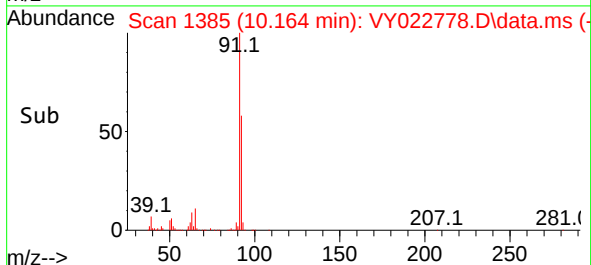
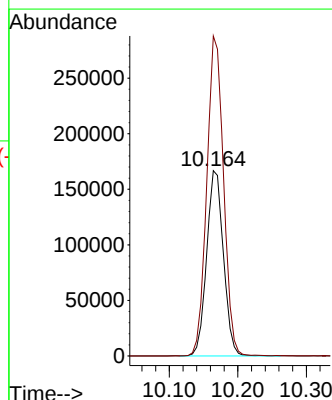
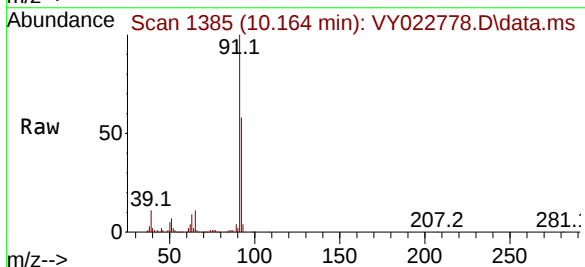
Acq: 23 Jun 2025 14:23

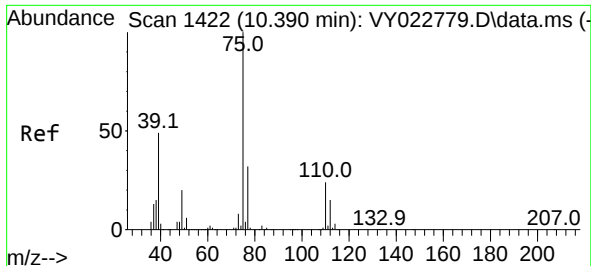
Tgt Ion: 92 Resp: 284109

Ion Ratio Lower Upper

92 100

91 172.5 137.2 205.8

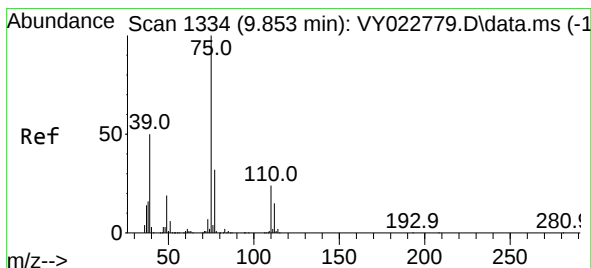
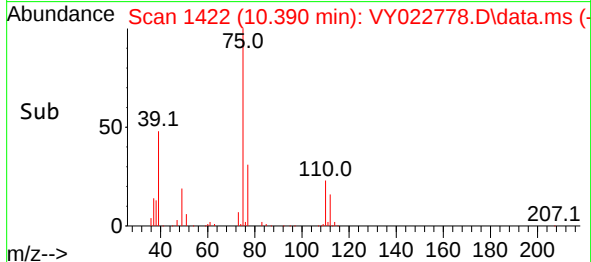
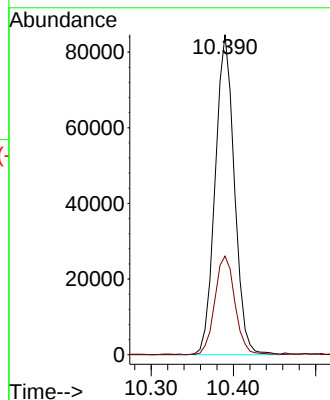
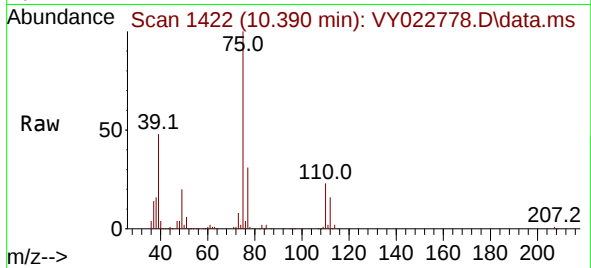




#53
 t-1,3-Dichloropropene
 Concen: 20.069 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY022778.D
 Acq: 23 Jun 2025 14:23

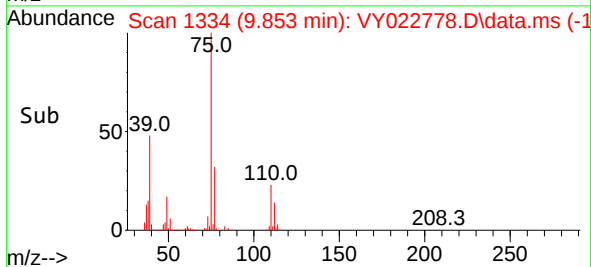
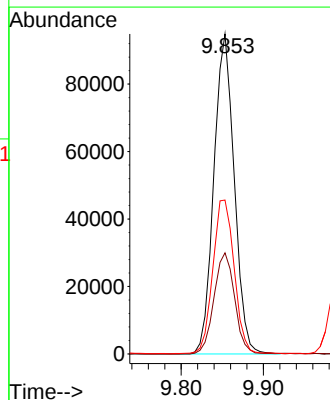
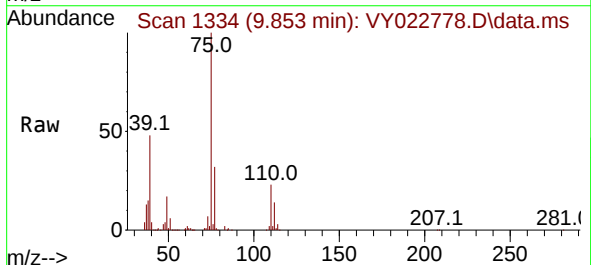
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

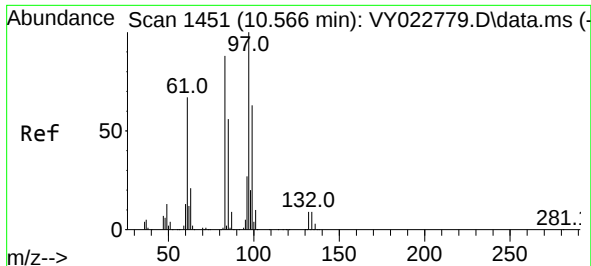
Tgt Ion: 75 Resp: 137096
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.633 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022778.D
 Acq: 23 Jun 2025 14:23

Tgt Ion: 75 Resp: 163425
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.8
 39 48.0 40.2 60.2

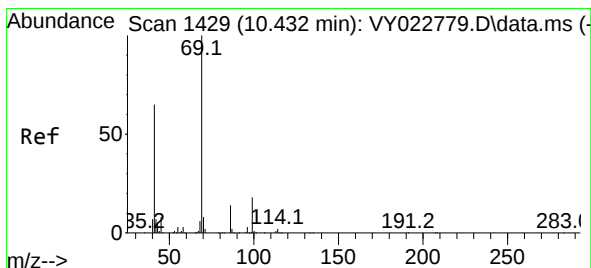
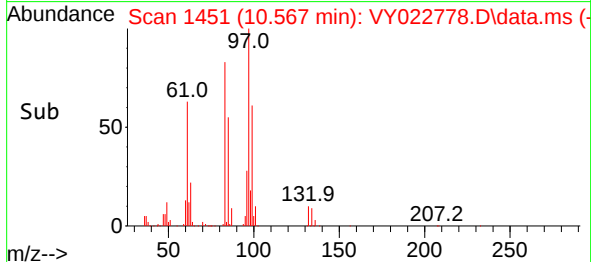
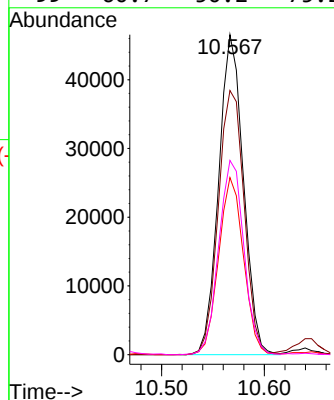
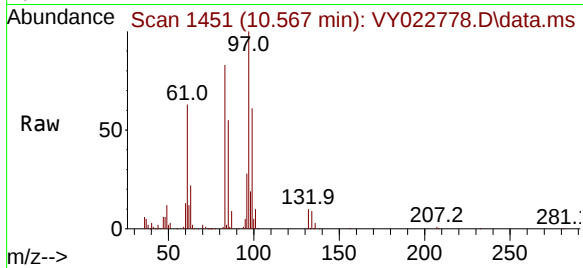




#55
1,1,2-Trichloroethane
Concen: 20.398 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

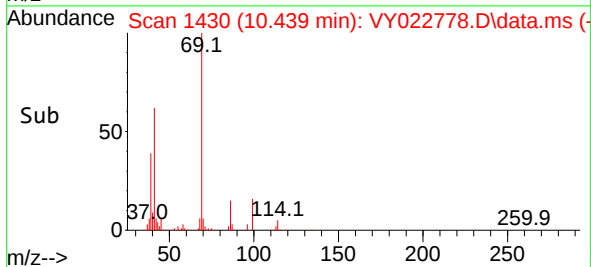
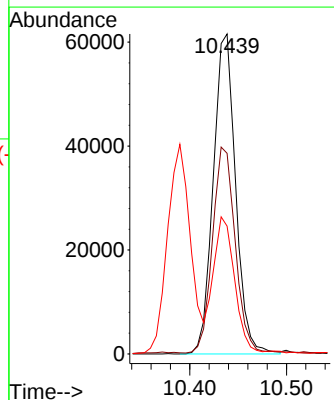
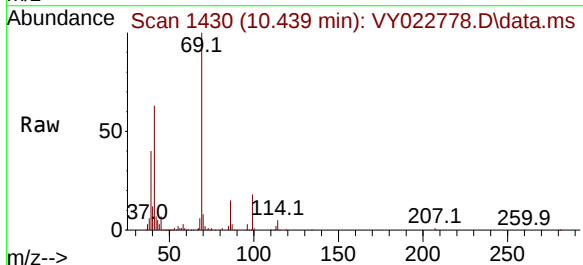
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

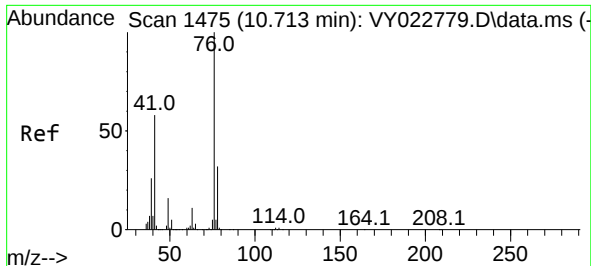
Tgt Ion: 97	Resp: 77767
Ion Ratio	Lower Upper
97 100	
83 82.4	70.6 106.0
85 55.4	45.0 67.4
99 60.7	50.2 75.2



#56
Ethyl methacrylate
Concen: 19.224 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 69	Resp: 98608
Ion Ratio	Lower Upper
69 100	
41 65.6	51.2 76.8
39 40.0	31.4 47.2





#57

1,3-Dichloropropane

Concen: 20.664 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

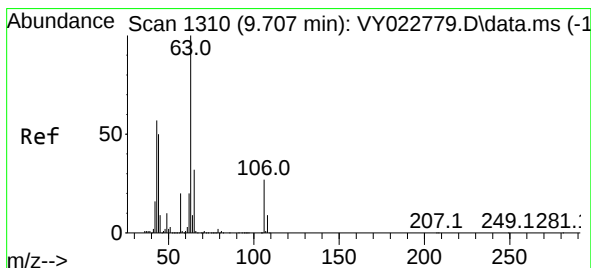
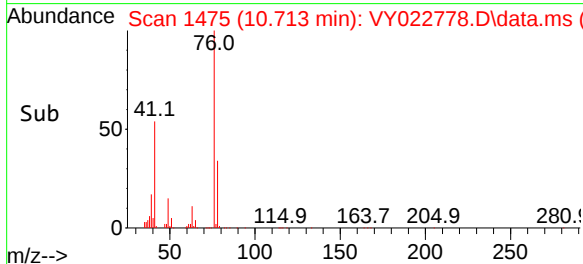
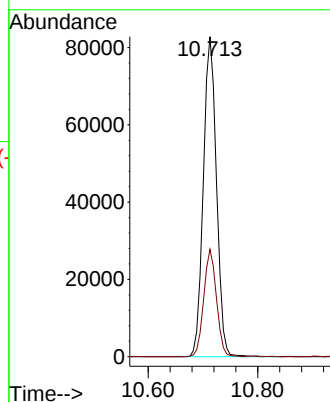
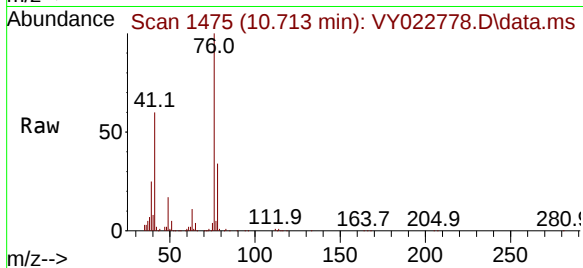
VSTDIC020

Tgt Ion: 76 Resp: 137448

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 99.154 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022778.D

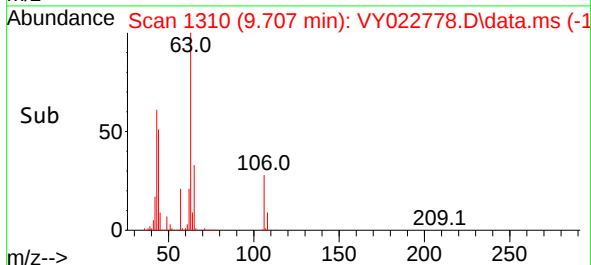
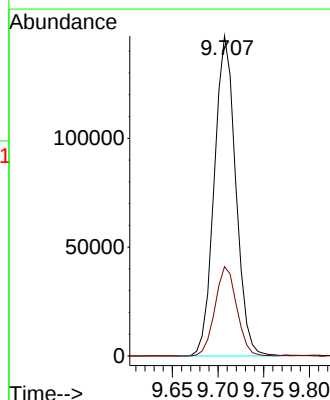
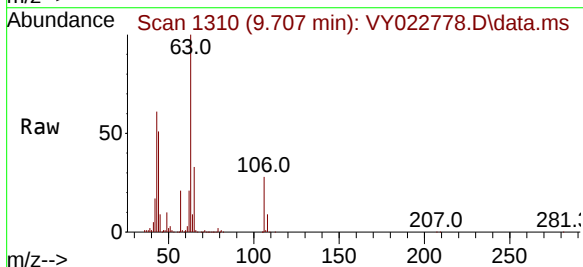
Acq: 23 Jun 2025 14:23

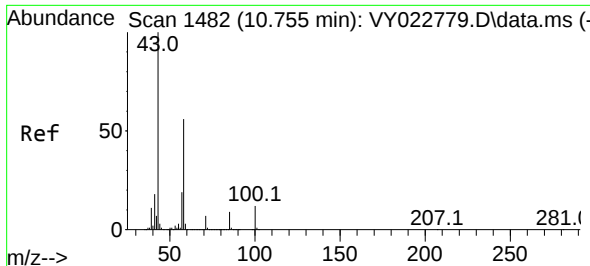
Tgt Ion: 63 Resp: 240143

Ion Ratio Lower Upper

63 100

106 28.3 22.3 33.5

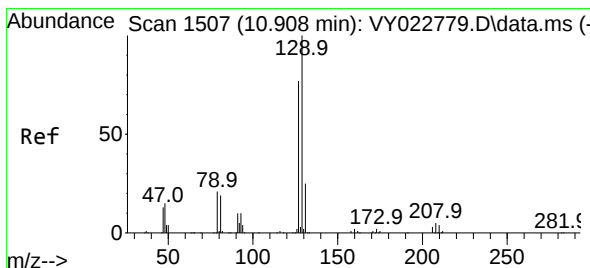
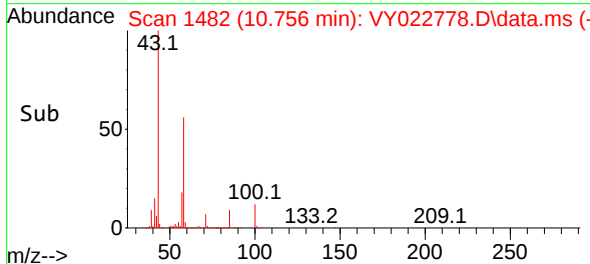
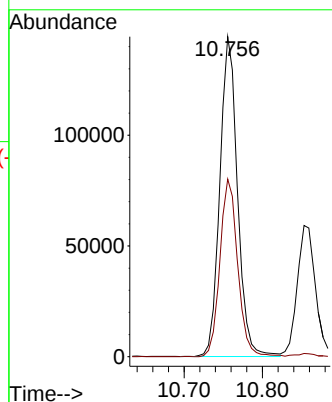
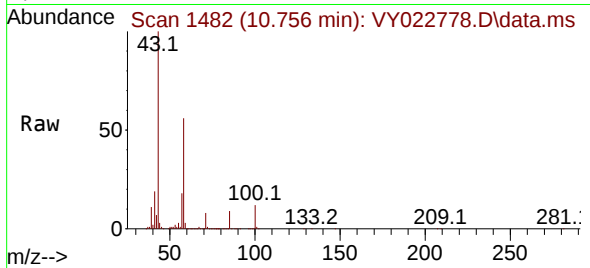




#59
2-Hexanone
Concen: 101.369 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

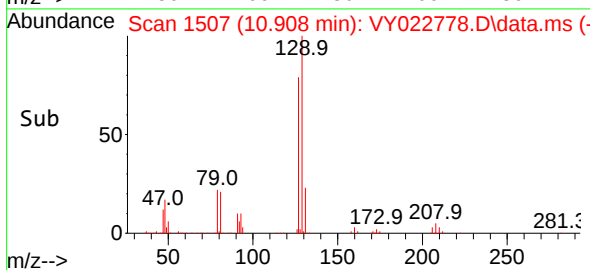
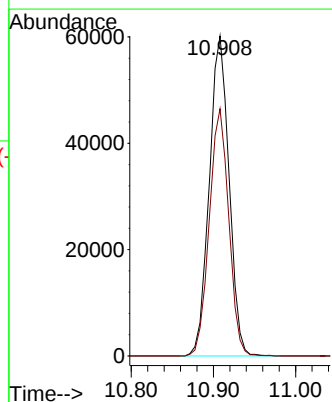
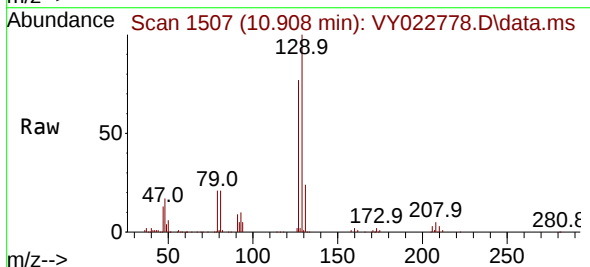
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

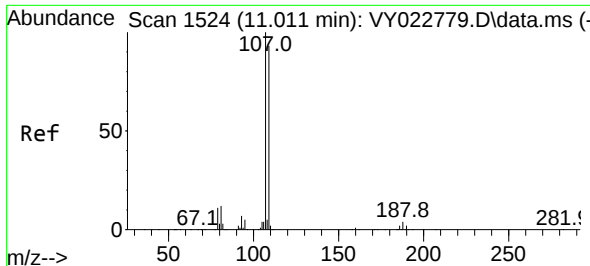
Tgt Ion: 43 Resp: 226399
Ion Ratio Lower Upper
43 100
58 56.0 28.0 83.9



#60
Dibromochloromethane
Concen: 20.380 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 129 Resp: 100360
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.1

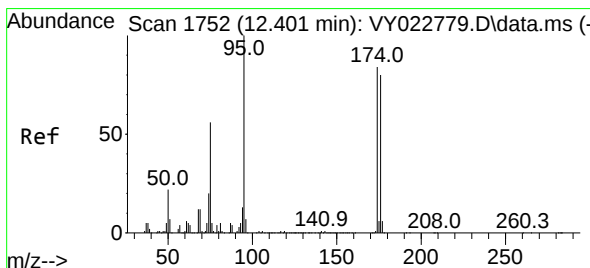
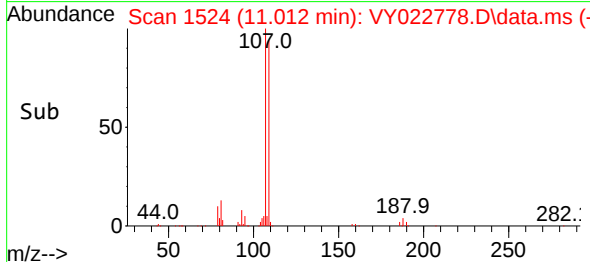
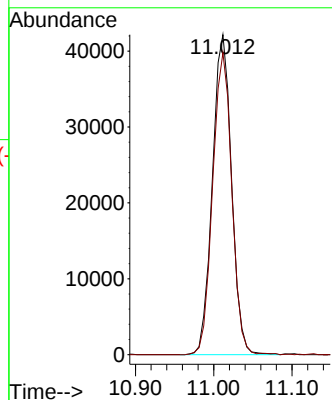
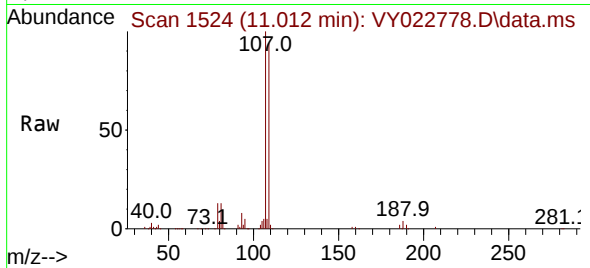




#61
1,2-Dibromoethane
Concen: 20.059 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

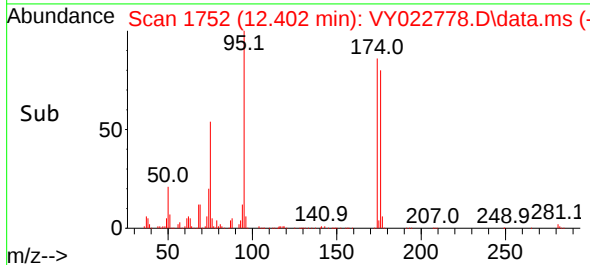
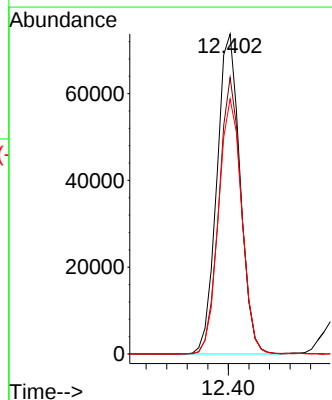
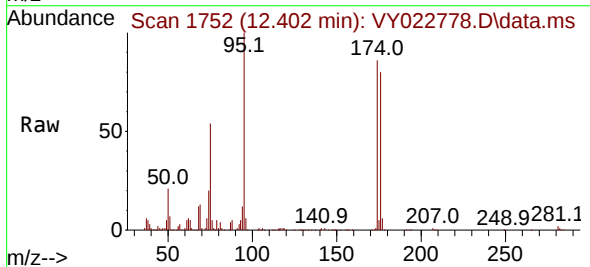
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

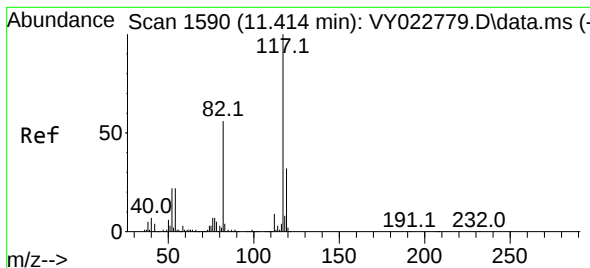
Tgt Ion:107 Resp: 71565
Ion Ratio Lower Upper
107 100
109 94.3 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 19.060 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 95 Resp: 115617
Ion Ratio Lower Upper
95 100
174 83.0 0.0 168.2
176 79.8 0.0 160.8

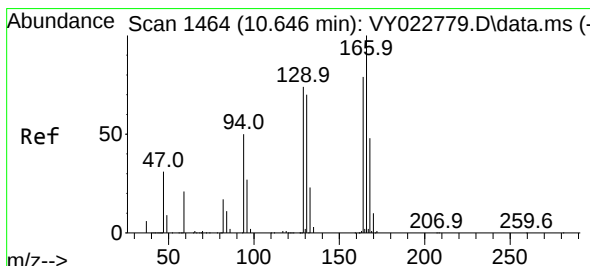
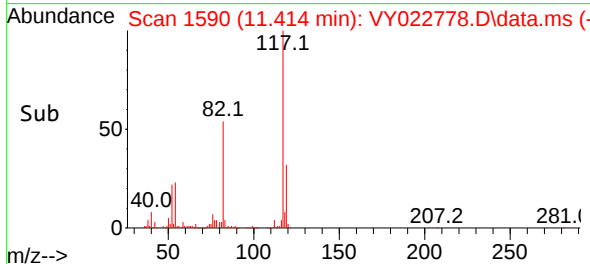
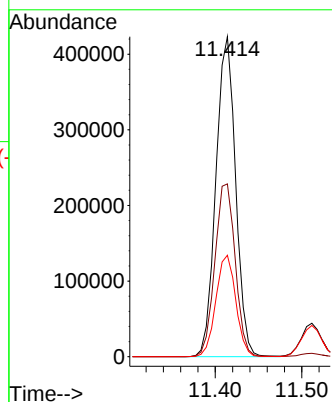
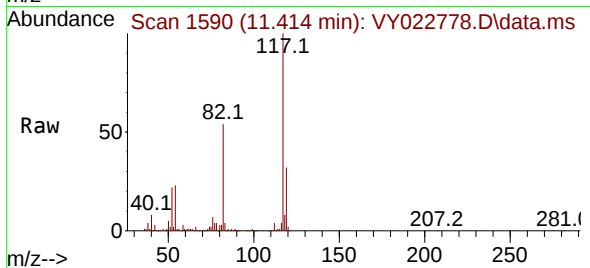




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

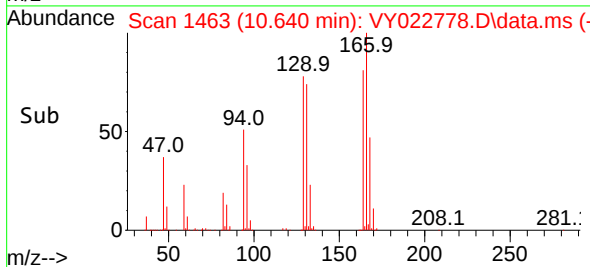
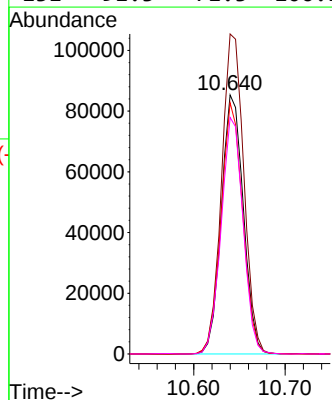
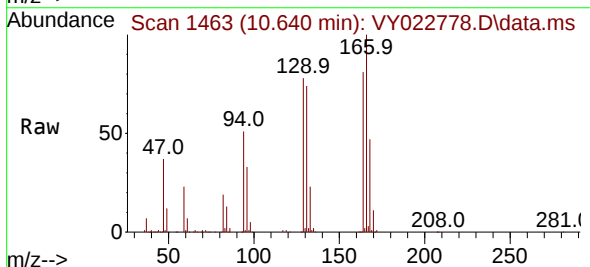
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

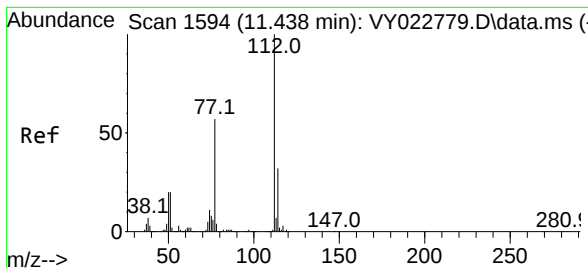
Tgt Ion:117 Resp: 668589
Ion Ratio Lower Upper
117 100
82 54.0 45.1 67.7
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 22.646 ug/l
RT: 10.640 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion:164 Resp: 143038
Ion Ratio Lower Upper
164 100
166 123.5 101.2 151.8
129 96.9 74.7 112.1
131 91.3 71.3 106.9

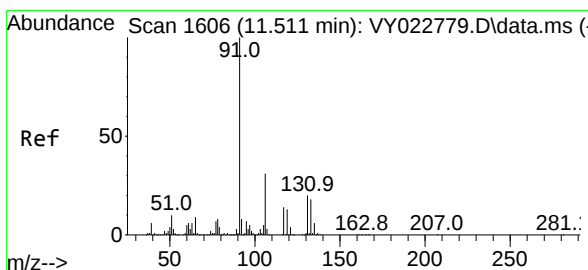
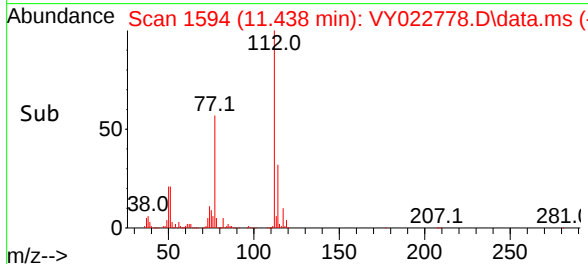
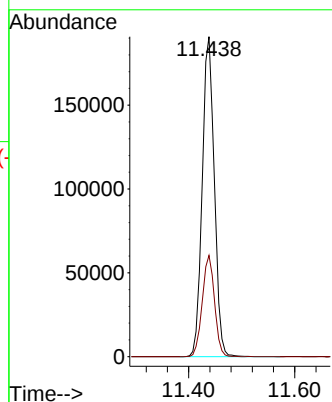
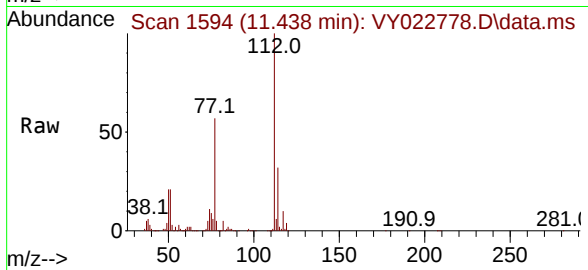




#65
Chlorobenzene
Concen: 20.582 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

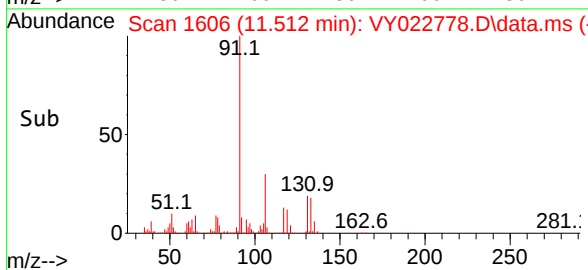
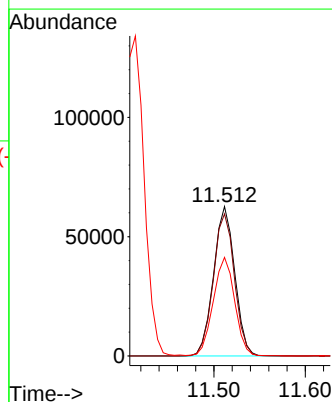
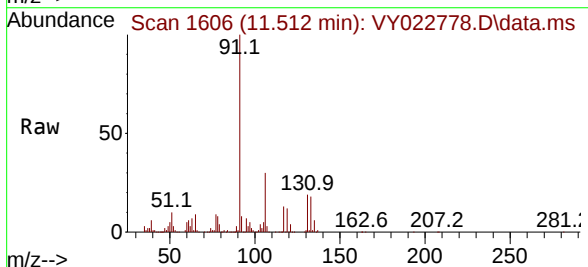
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

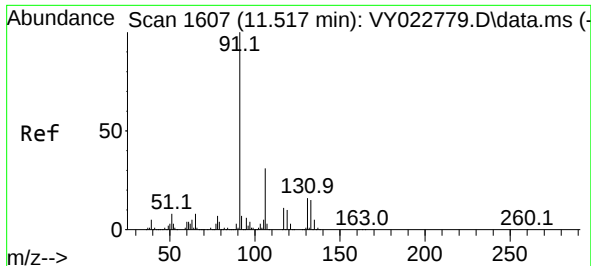
Tgt Ion:112 Resp: 302372
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.265 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion:131 Resp: 100839
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.9
119 66.9 32.9 98.7





#67

Ethyl Benzene

Concen: 20.420 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

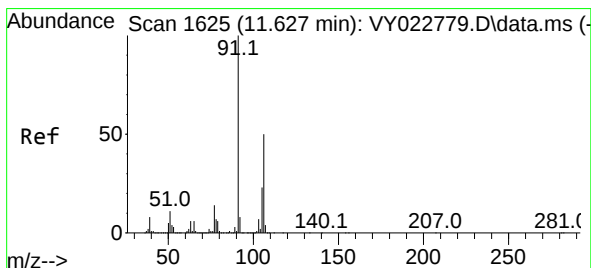
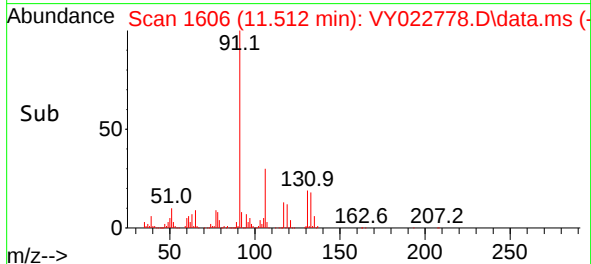
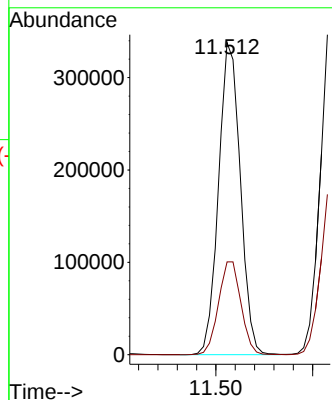
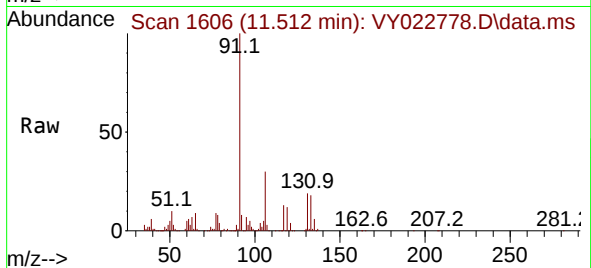
VSTDIC020

Tgt Ion: 91 Resp: 527080

Ion Ratio Lower Upper

91 100

106 29.7 25.0 37.4



#68

m/p-Xylenes

Concen: 40.662 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.006 min

Lab File: VY022778.D

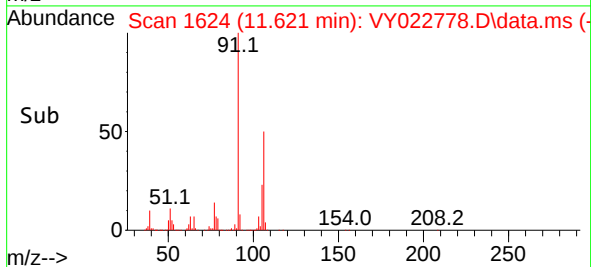
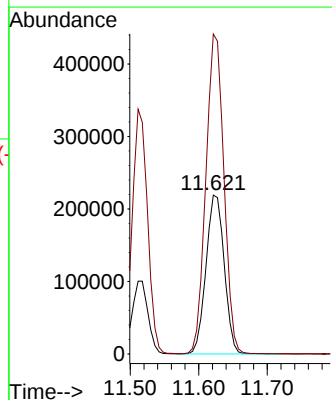
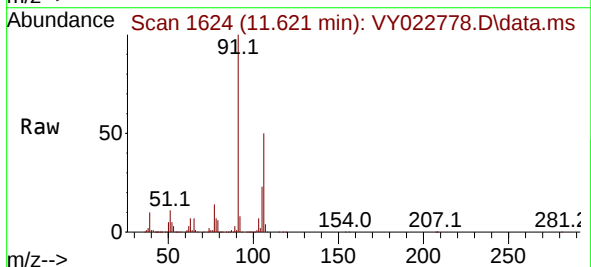
Acq: 23 Jun 2025 14:23

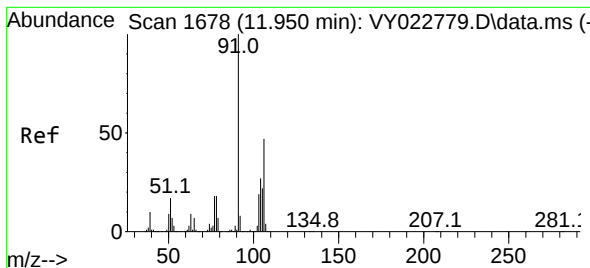
Tgt Ion: 106 Resp: 405724

Ion Ratio Lower Upper

106 100

91 199.4 160.4 240.6

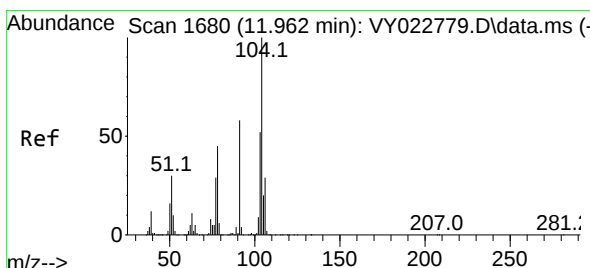
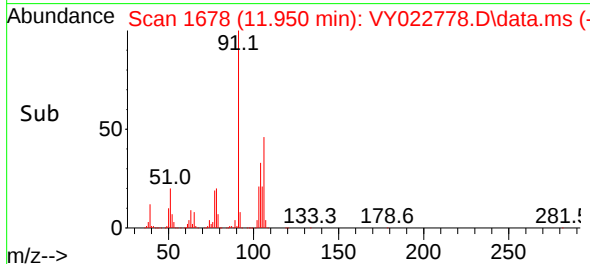
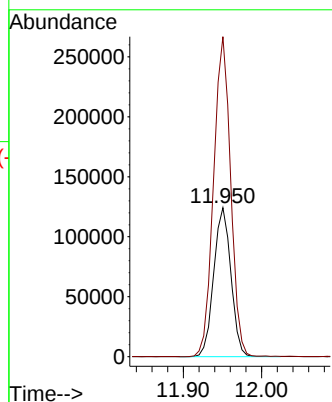
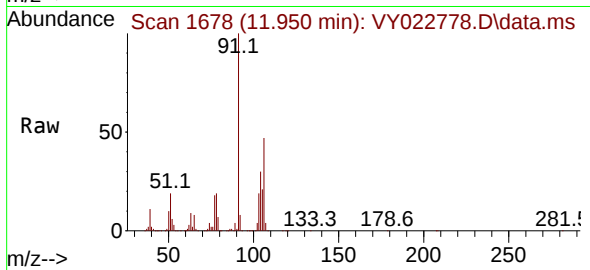




#69
o-Xylene
Concen: 20.146 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

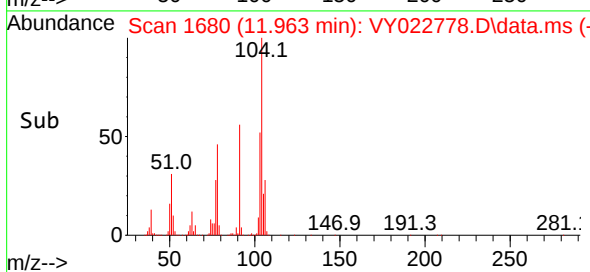
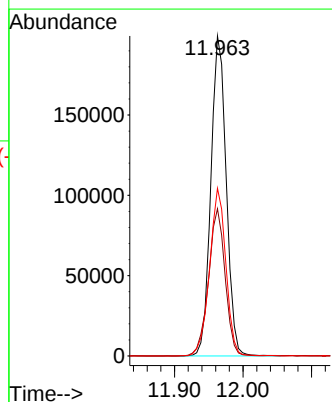
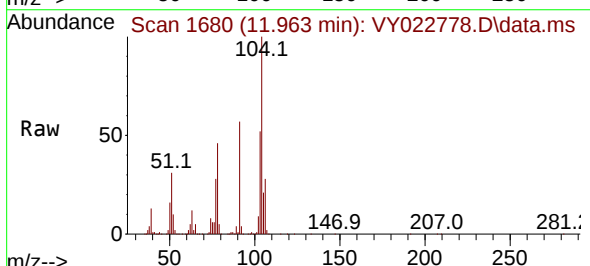
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

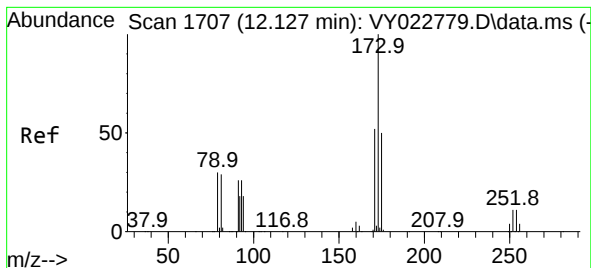
Tgt Ion:106 Resp: 189409
Ion Ratio Lower Upper
106 100
91 213.6 106.9 320.8



#70
Styrene
Concen: 19.787 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion:104 Resp: 311610
Ion Ratio Lower Upper
104 100
78 49.6 38.8 58.2
103 55.4 43.7 65.5





#71

Bromoform

Concen: 19.622 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

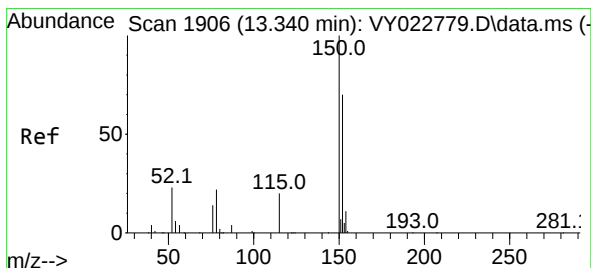
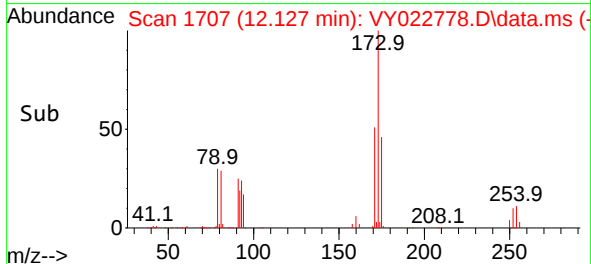
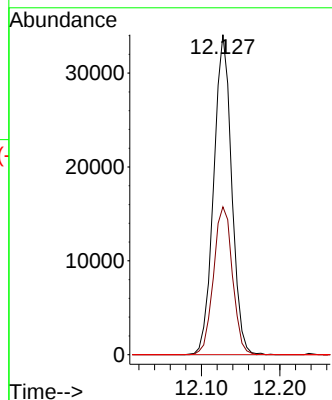
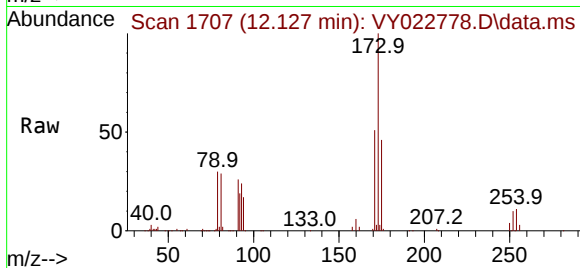
Tgt Ion:173 Resp: 54365

Ion Ratio Lower Upper

173 100

175 48.5 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: VY022778.D

Acq: 23 Jun 2025 14:23

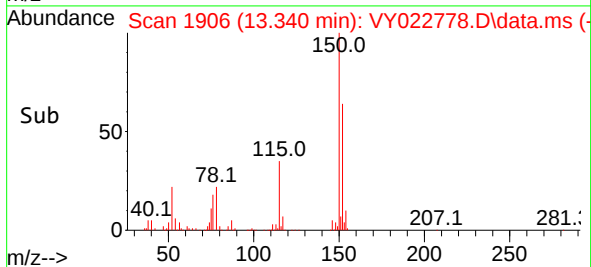
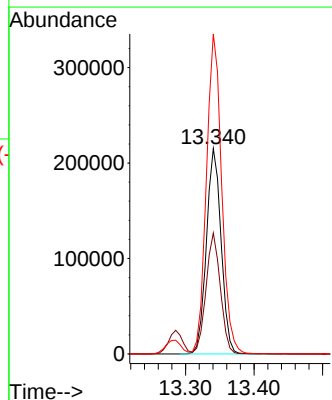
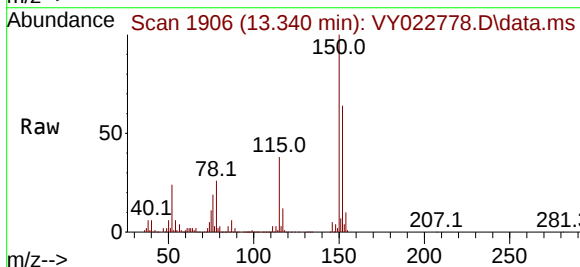
Tgt Ion:152 Resp: 321641

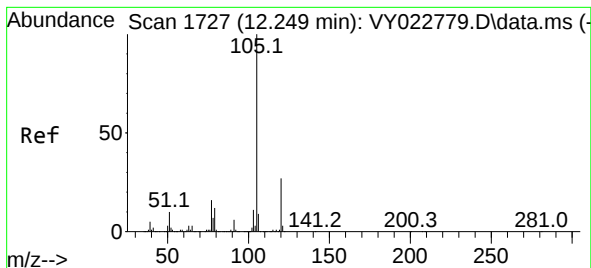
Ion Ratio Lower Upper

152 100

115 57.5 28.1 84.3

150 161.3 0.0 346.4





#73

Isopropylbenzene

Concen: 20.678 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

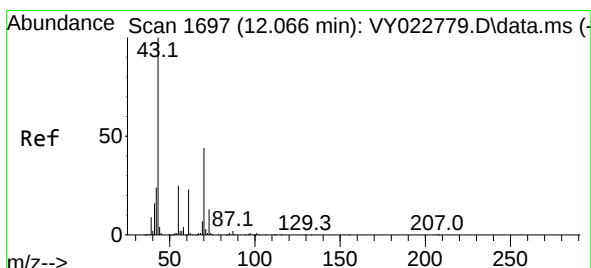
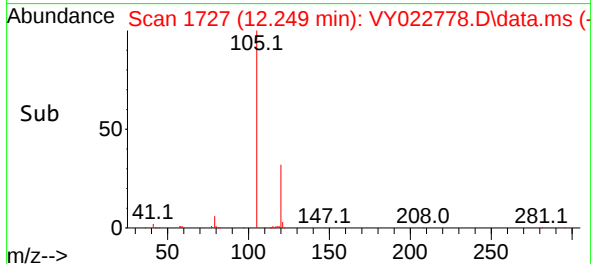
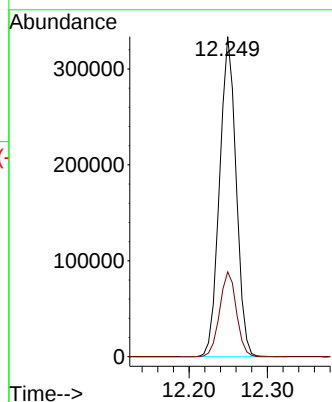
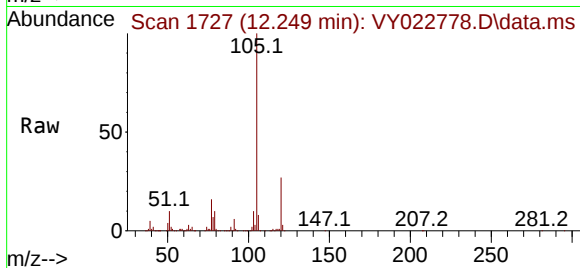
VSTDIC020

Tgt Ion:105 Resp: 491885

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.3



#74

N-ethyl acetate

Concen: 19.617 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Tgt Ion: 43 Resp: 104745

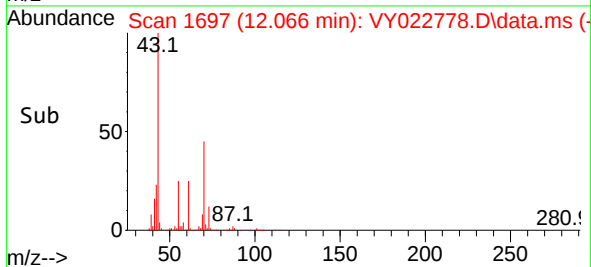
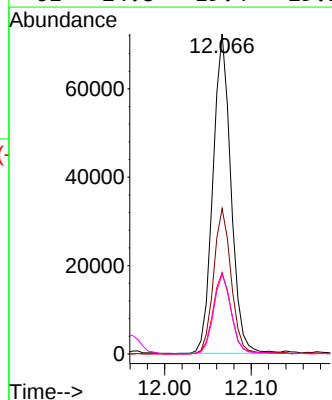
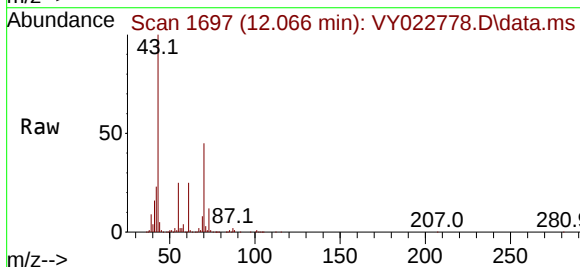
Ion Ratio Lower Upper

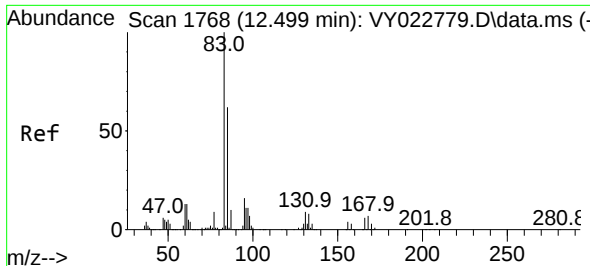
43 100

70 44.5 35.8 53.6

55 26.0 19.9 29.9

61 24.8 19.4 29.2

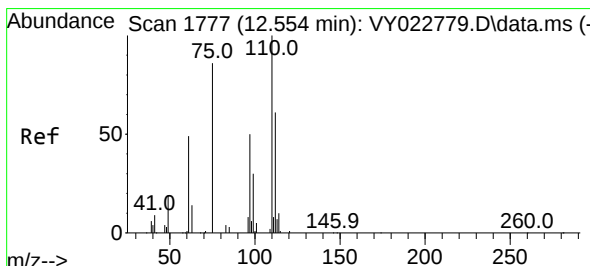
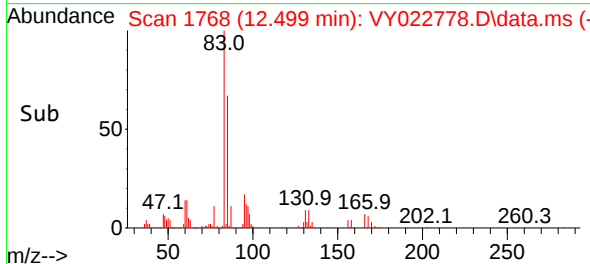
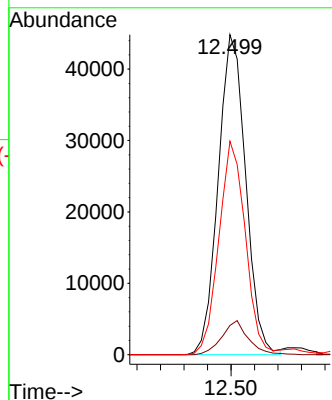
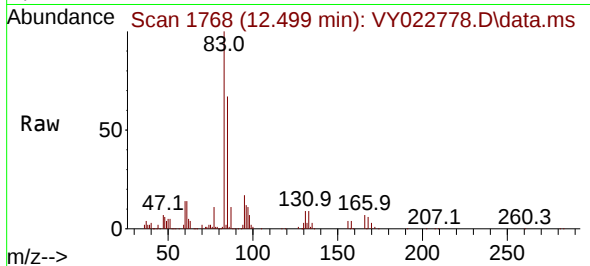




#75
1,1,2,2-Tetrachloroethane
Concen: 19.010 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

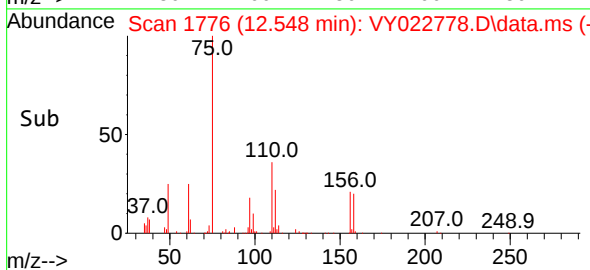
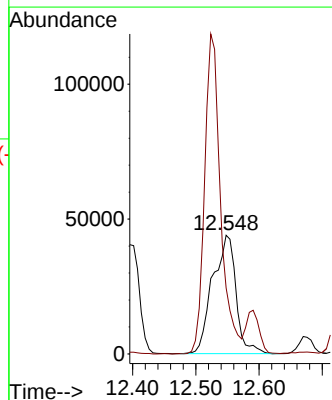
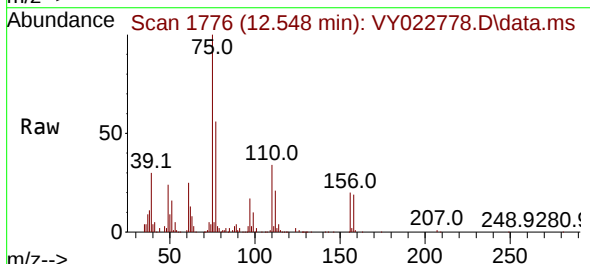
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

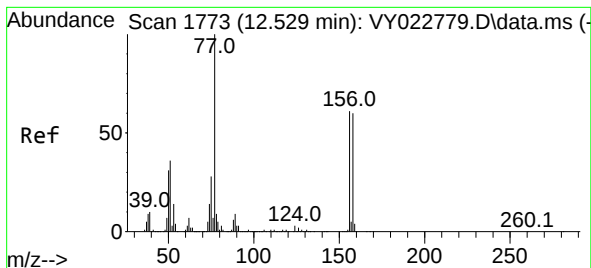
Tgt Ion: 83 Resp: 72880
Ion Ratio Lower Upper
83 100
131 10.2 5.2 15.6
85 64.4 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 33.311 ug/l
RT: 12.548 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 75 Resp: 112825
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.375 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

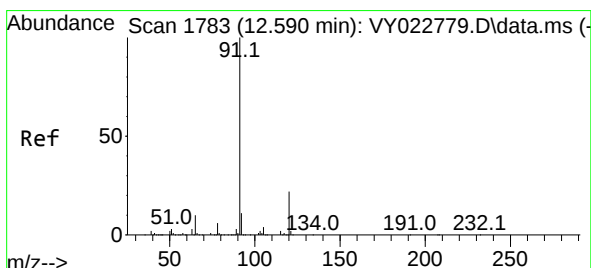
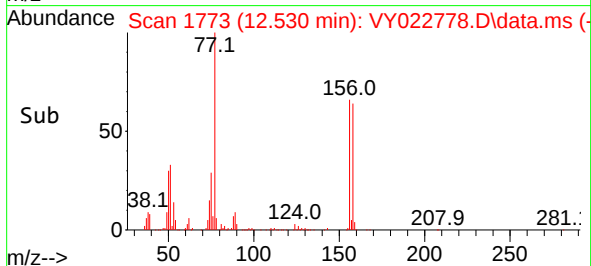
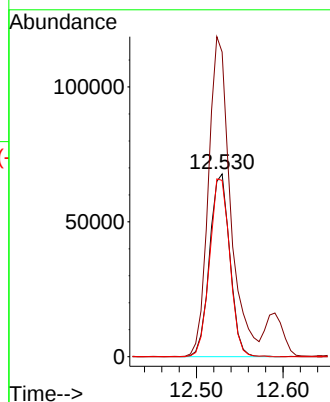
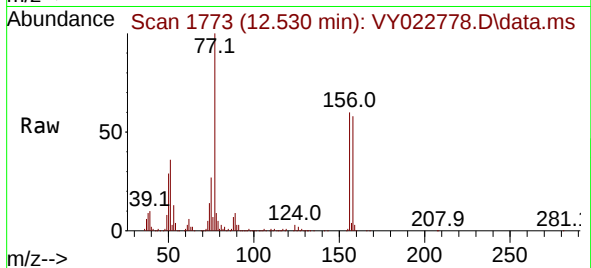
Tgt Ion:156 Resp: 109855

Ion Ratio Lower Upper

156 100

77 190.8 93.4 280.2

158 97.3 48.4 145.3



#78

n-propylbenzene

Concen: 20.765 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY022778.D

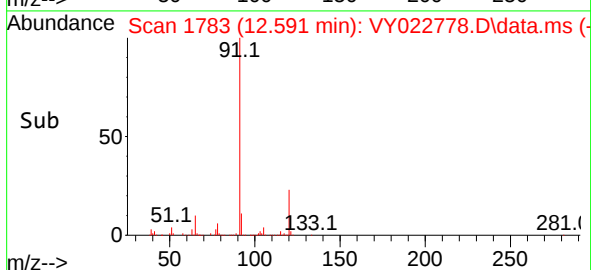
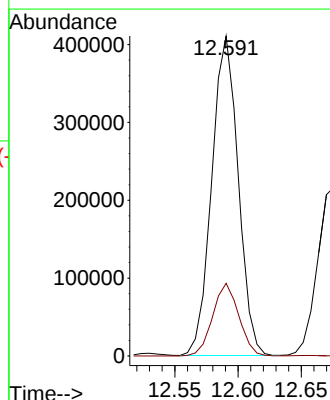
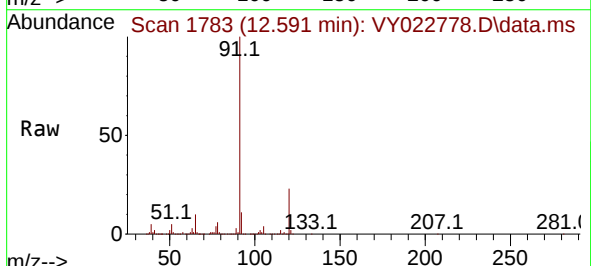
Acq: 23 Jun 2025 14:23

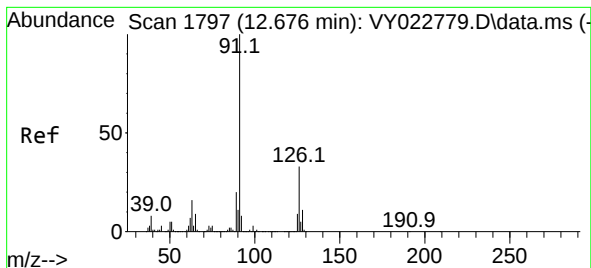
Tgt Ion: 91 Resp: 596356

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.8

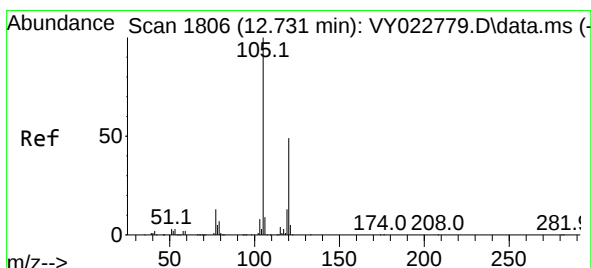
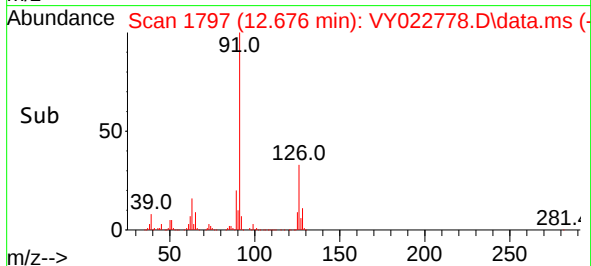
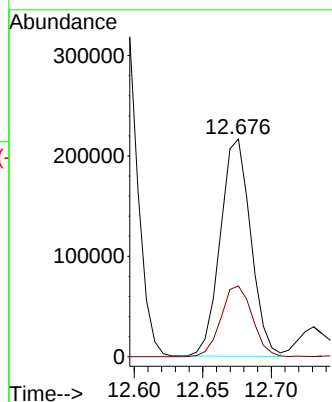
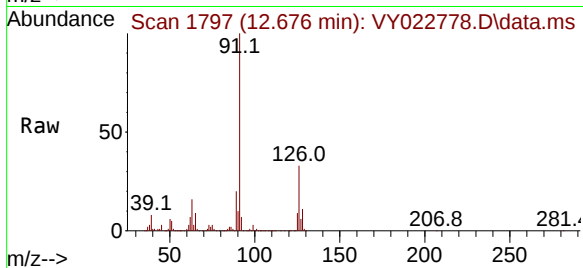




#79
2-Chlorotoluene
Concen: 20.620 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

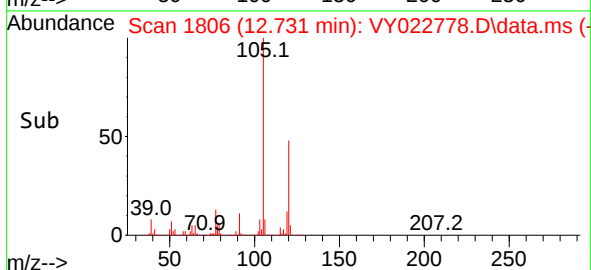
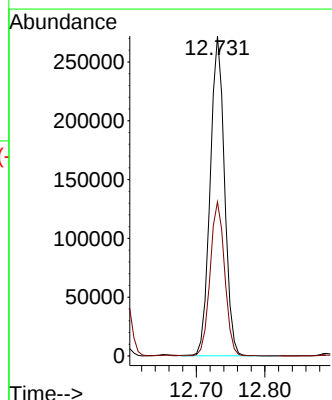
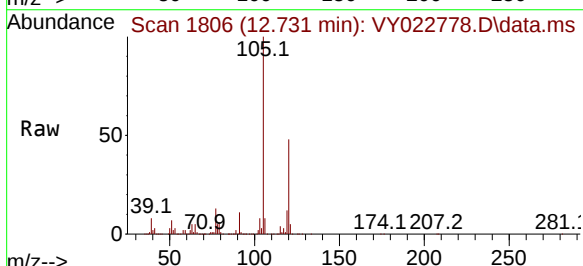
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

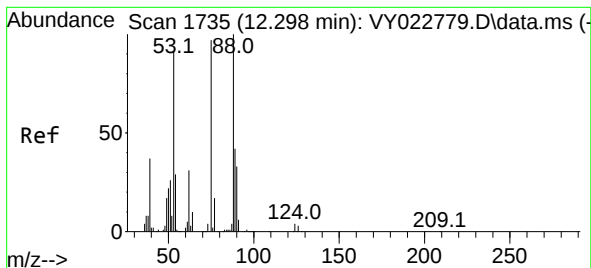
Tgt Ion: 91 Resp: 334595
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.613 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 105 Resp: 395821
Ion Ratio Lower Upper
105 100
120 48.9 24.8 74.3

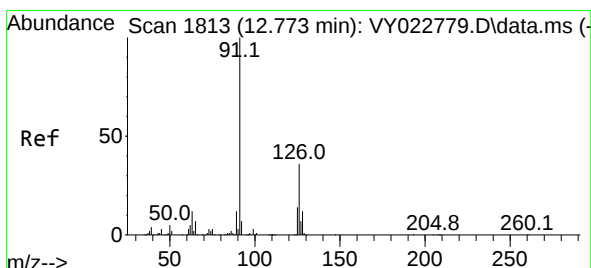
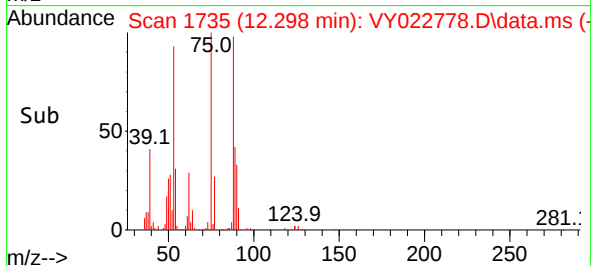
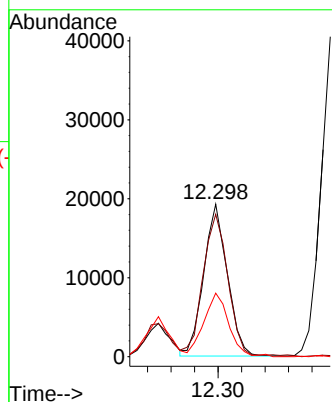
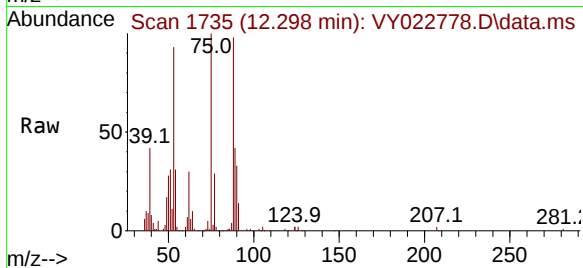




#81
trans-1,4-Dichloro-2-butene
Concen: 20.739 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

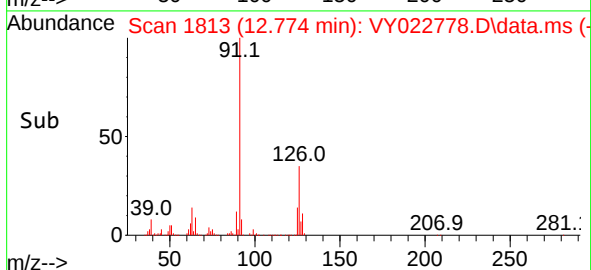
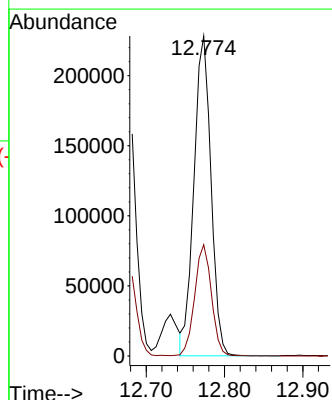
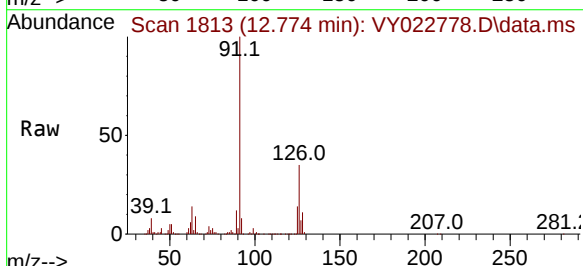
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

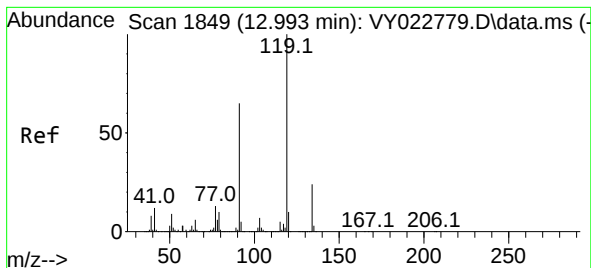
Tgt Ion: 75 Resp: 26956
Ion Ratio Lower Upper
75 100
53 97.1 79.7 119.5
89 44.0 36.8 55.2



#82
4-Chlorotoluene
Concen: 20.293 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 91 Resp: 345875
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.7





#83

tert-Butylbenzene

Concen: 20.110 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

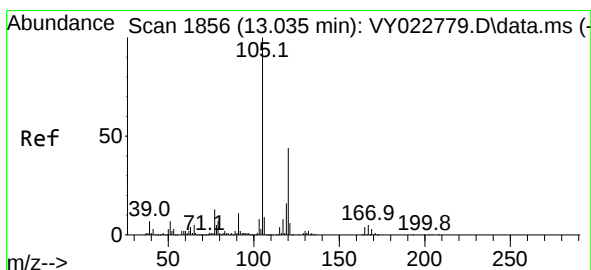
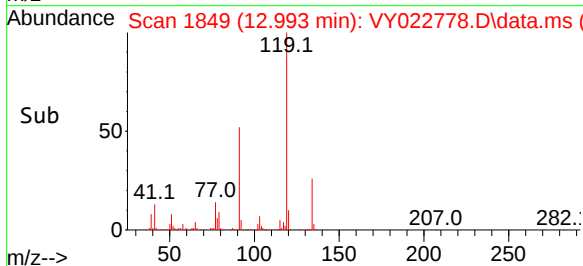
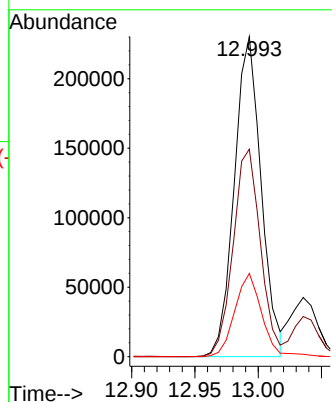
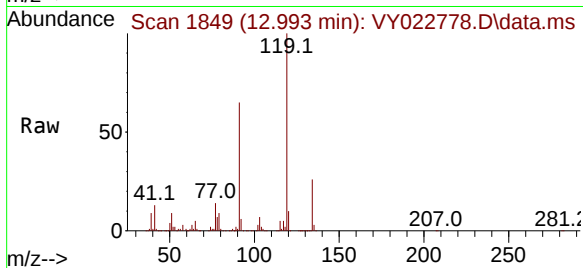
Tgt Ion:119 Resp: 340561

Ion Ratio Lower Upper

119 100

91 65.8 32.6 98.0

134 26.1 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 20.618 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VY022778.D

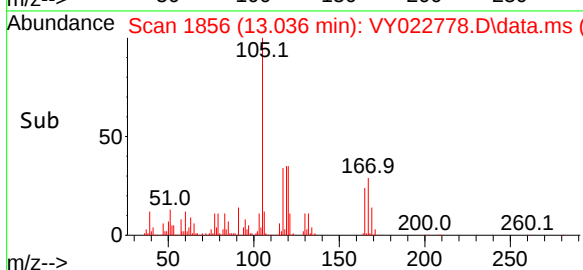
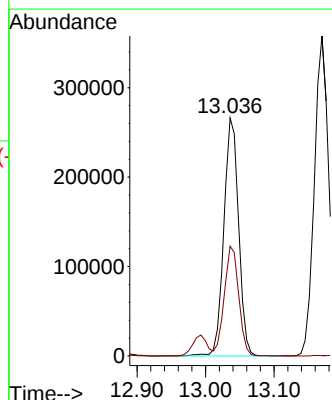
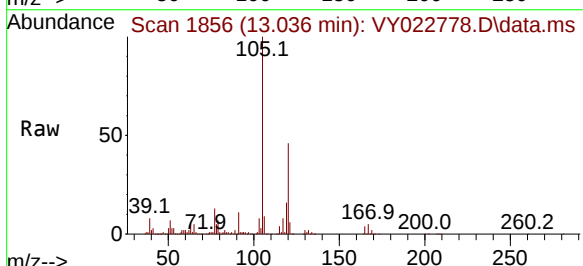
Acq: 23 Jun 2025 14:23

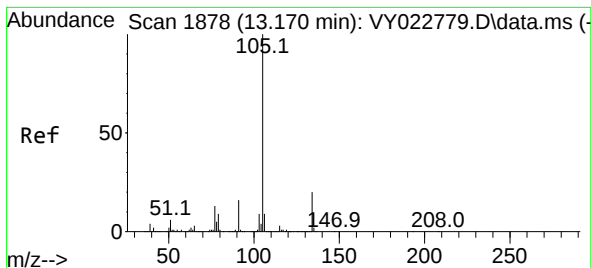
Tgt Ion:105 Resp: 396401

Ion Ratio Lower Upper

105 100

120 45.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 20.618 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

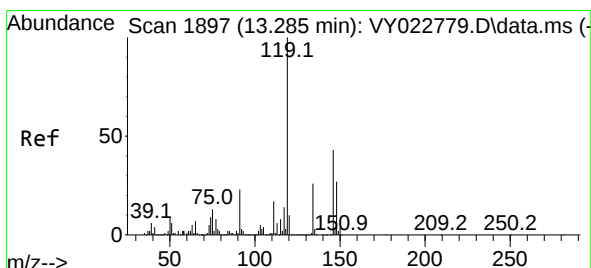
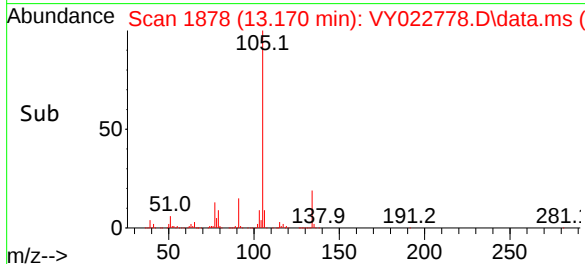
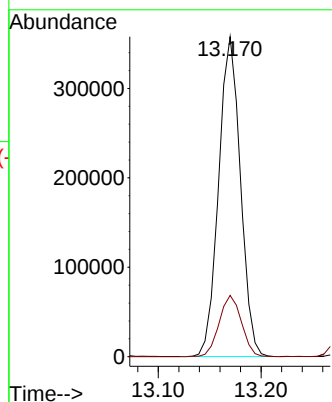
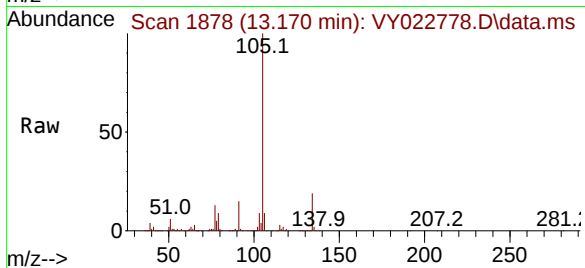
VSTDIC020

Tgt Ion:105 Resp: 525353

Ion Ratio Lower Upper

105 100

134 19.6 9.9 29.7



#86

p-Isopropyltoluene

Concen: 20.252 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

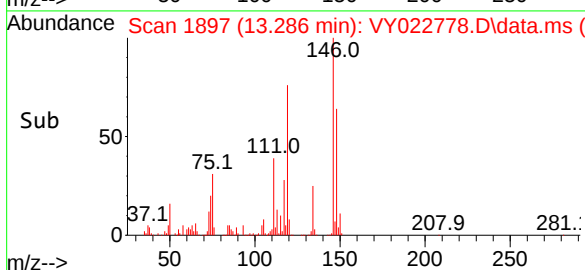
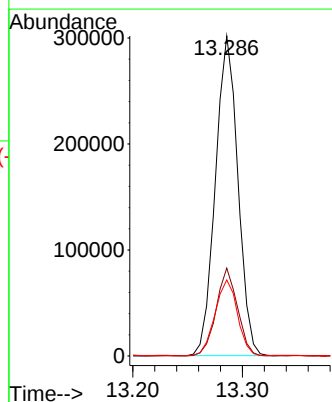
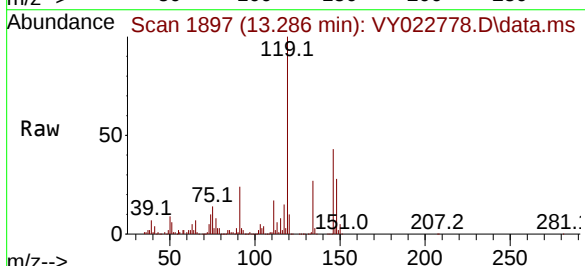
Tgt Ion:119 Resp: 429419

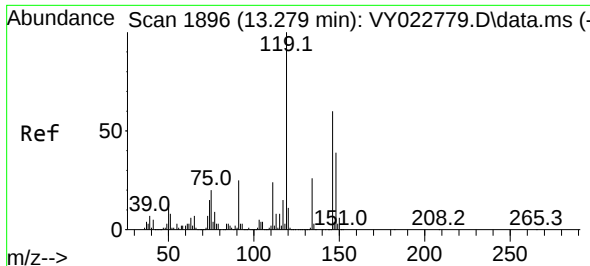
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.7 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.103 ug/l

RT: 13.280 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

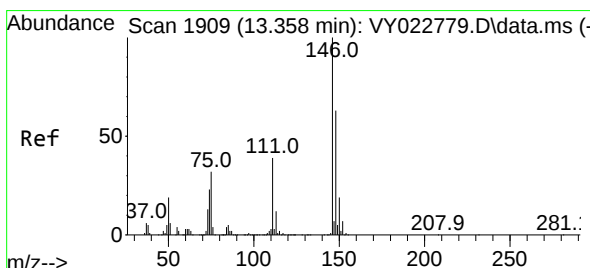
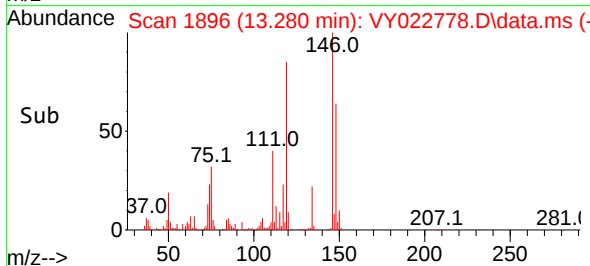
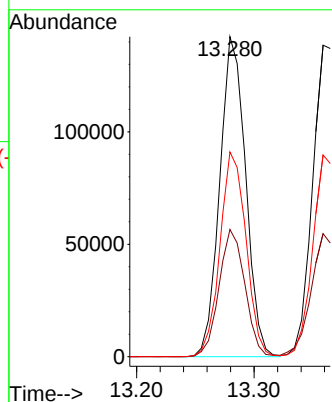
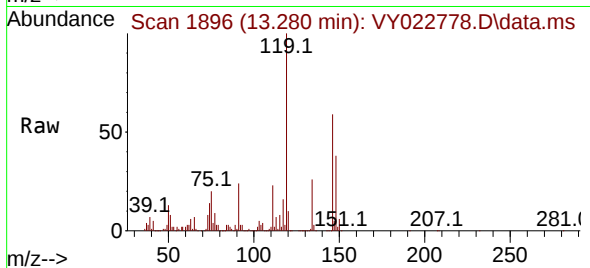
Tgt Ion:146 Resp: 217684

Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.4

148 64.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.191 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

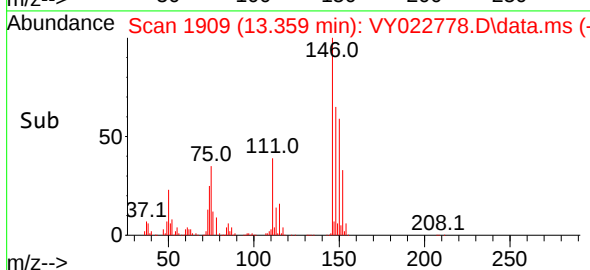
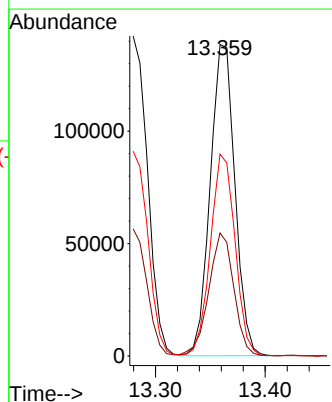
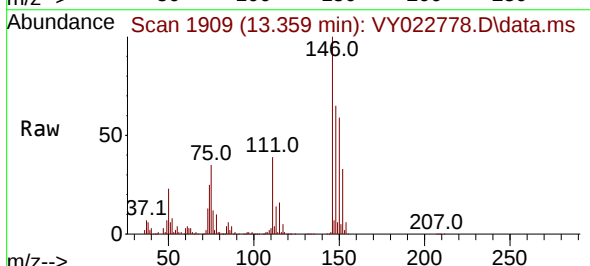
Tgt Ion:146 Resp: 217184

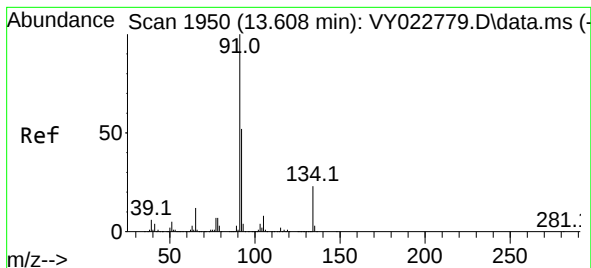
Ion Ratio Lower Upper

146 100

111 39.9 19.3 57.9

148 64.6 31.7 95.1





#89

n-Butylbenzene

Concen: 20.605 ug/l

RT: 13.609 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

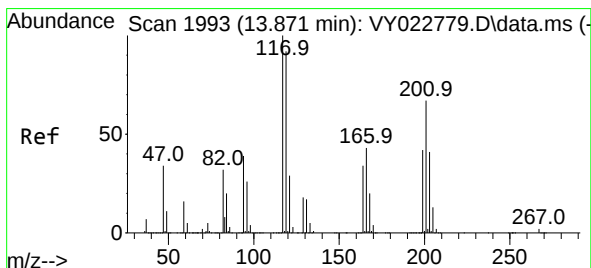
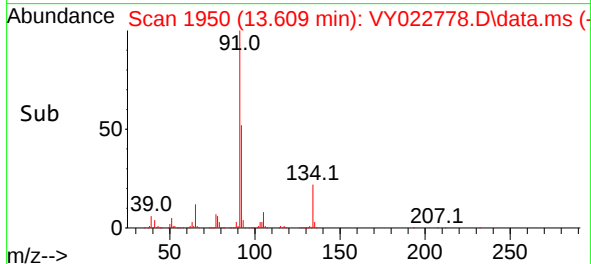
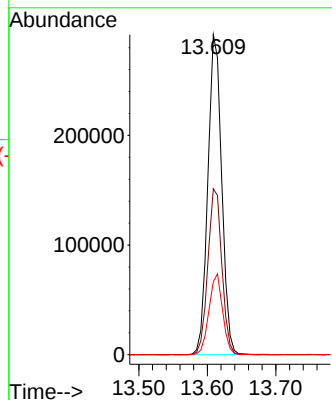
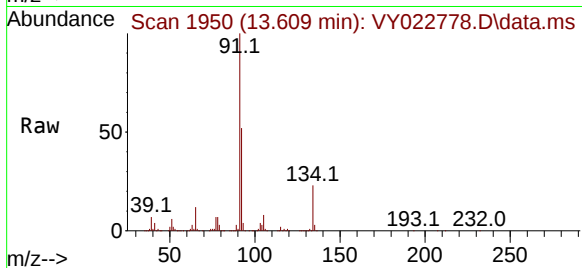
Tgt Ion: 91 Resp: 410986

Ion Ratio Lower Upper

91 100

92 52.3 26.4 79.0

134 24.8 12.2 36.6



#90

Hexachloroethane

Concen: 20.425 ug/l

RT: 13.871 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY022778.D

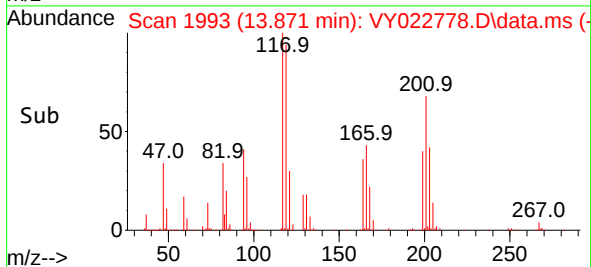
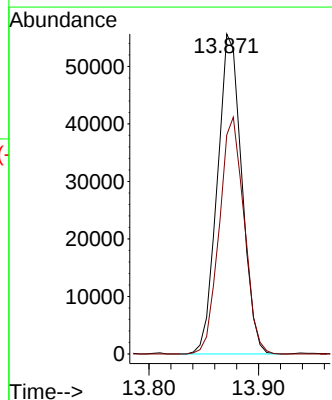
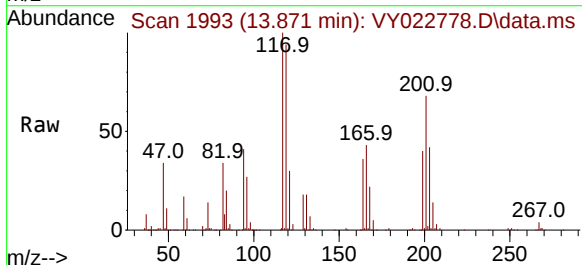
Acq: 23 Jun 2025 14:23

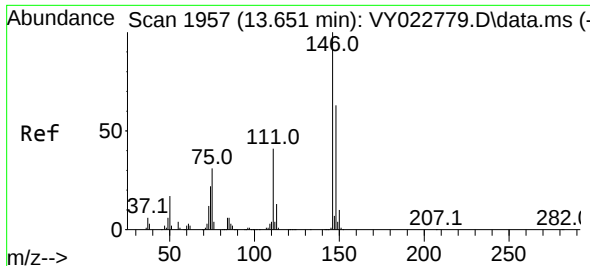
Tgt Ion: 117 Resp: 86261

Ion Ratio Lower Upper

117 100

201 75.1 35.5 106.7

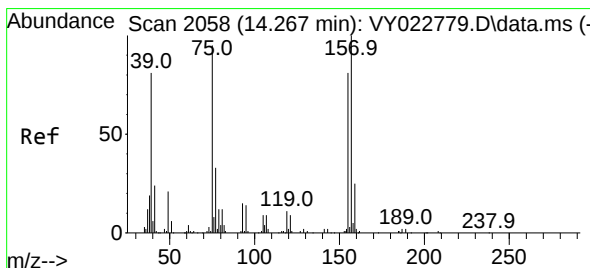
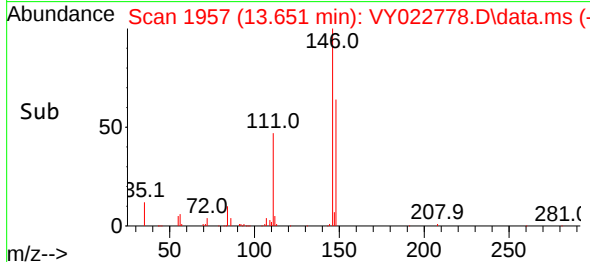
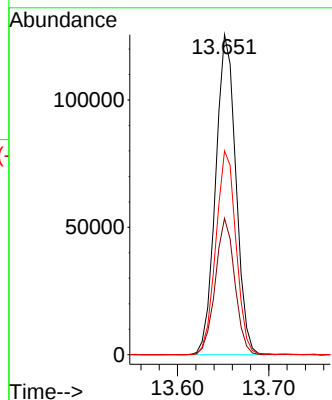
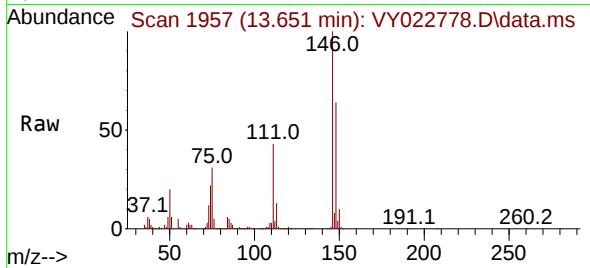




#91
1,2-Dichlorobenzene
Concen: 20.255 ug/l
RT: 13.651 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

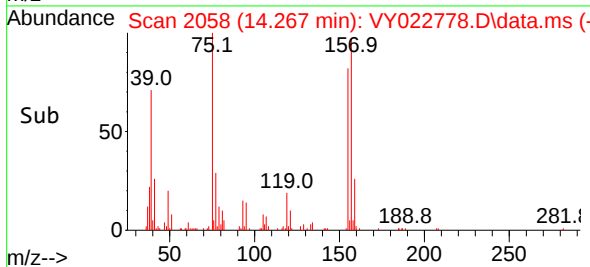
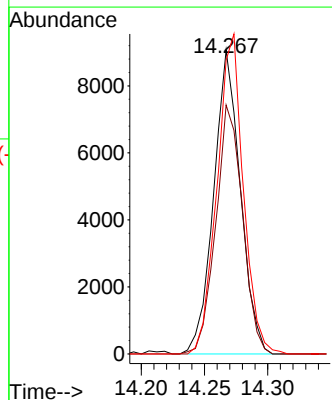
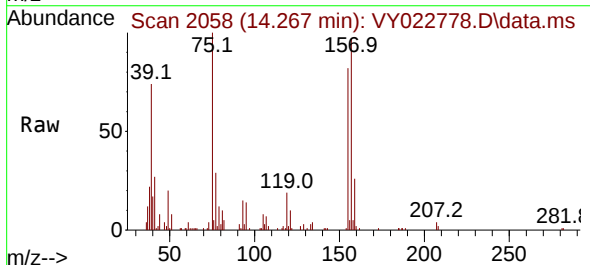
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

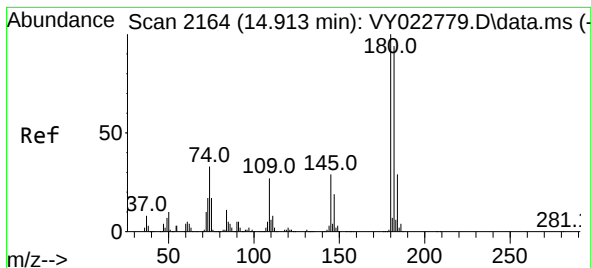
Tgt Ion:146 Resp: 193285
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.6
148 63.5 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.417 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY022778.D
Acq: 23 Jun 2025 14:23

Tgt Ion: 75 Resp: 13274
Ion Ratio Lower Upper
75 100
155 82.1 41.6 124.9
157 103.9 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 20.242 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

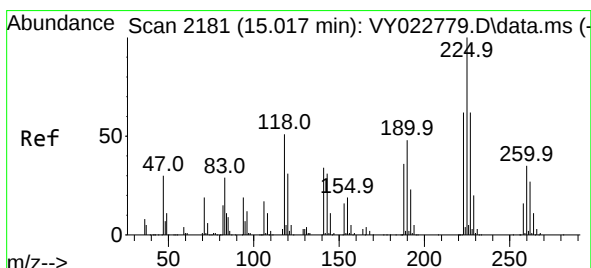
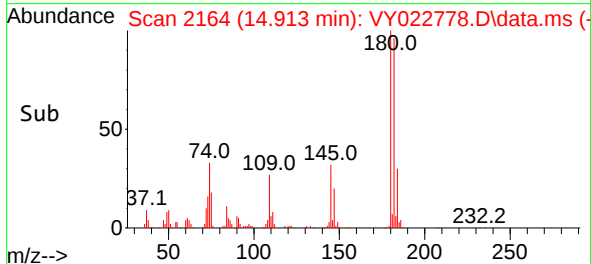
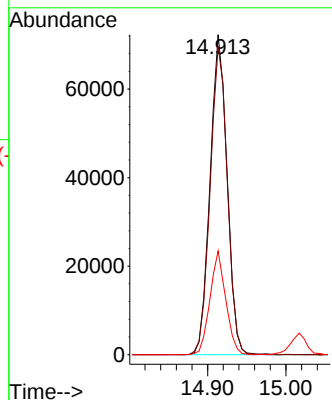
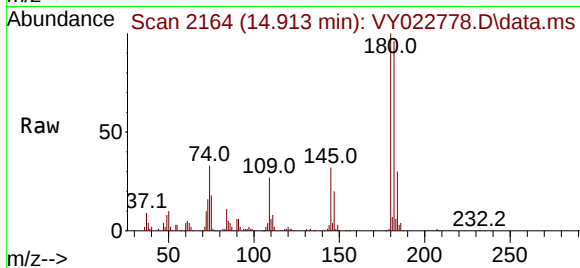
Tgt Ion:180 Resp: 109060

Ion Ratio Lower Upper

180 100

182 97.1 47.8 143.4

145 30.0 15.0 45.0



#94

Hexachlorobutadiene

Concen: 20.660 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

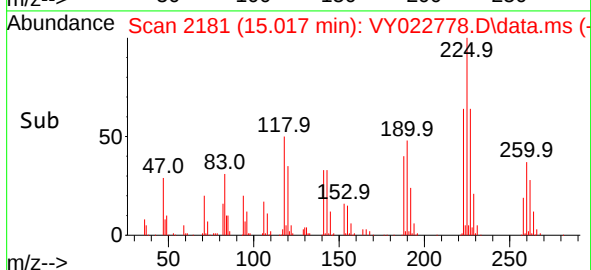
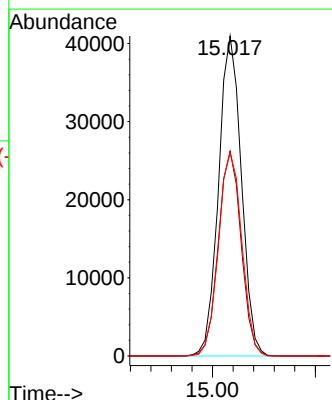
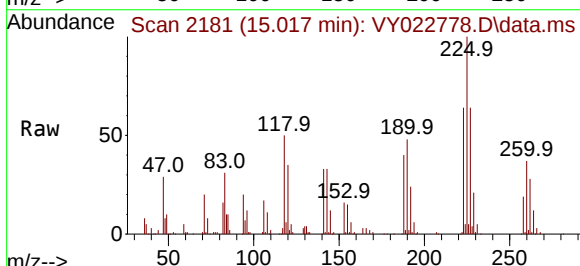
Tgt Ion:225 Resp: 62946

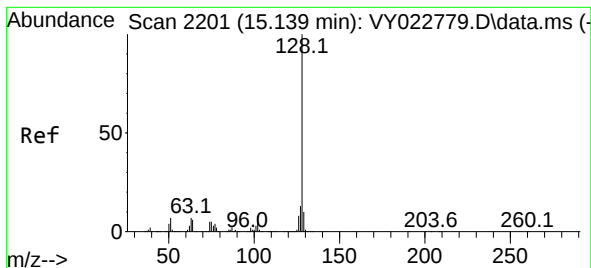
Ion Ratio Lower Upper

225 100

223 64.1 30.9 92.5

227 65.0 31.6 94.8





#95

Naphthalene

Concen: 20.015 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

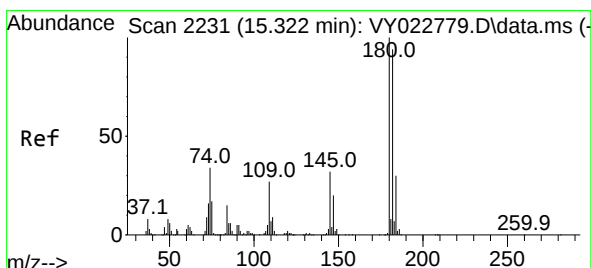
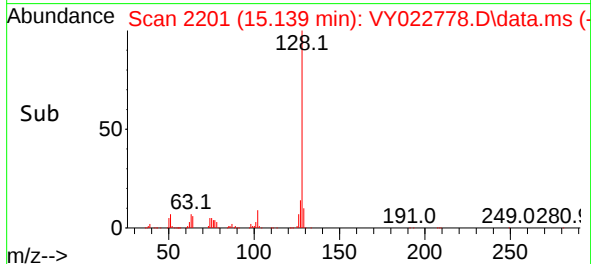
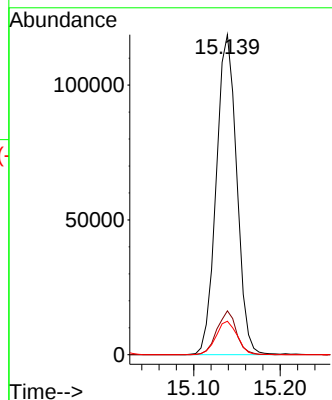
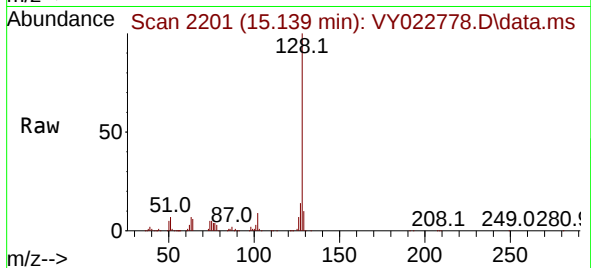
Tgt Ion:128 Resp: 195013

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.305 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY022778.D

Acq: 23 Jun 2025 14:23

Tgt Ion:180 Resp: 94536

Ion Ratio Lower Upper

180 100

182 96.2 46.7 140.1

145 32.3 15.8 47.4

