

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022787.D
 Acq On : 24 Jun 2025 10:58
 Operator : SY/MD
 Sample : VY0624SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0624SBS01

Quant Time: Jun 25 01:21:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	456381	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	765818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	658494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	311846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	258457	50.741	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.480%	
35) Dibromofluoromethane	7.628	113	237954	51.092	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.180%	
50) Toluene-d8	10.103	98	937358	50.720	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.440%	
62) 4-Bromofluorobenzene	12.402	95	288353	48.536	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	80681	20.674	ug/l	98
3) Chloromethane	2.068	50	151870	20.380	ug/l	99
4) Vinyl Chloride	2.202	62	189178	20.320	ug/l	99
5) Bromomethane	2.586	94	156887	21.435	ug/l	97
6) Chloroethane	2.726	64	126812	20.264	ug/l	95
7) Trichlorofluoromethane	3.043	101	207987	20.176	ug/l	96
8) Diethyl Ether	3.452	74	51539	20.242	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	96792	20.546	ug/l	98
10) Methyl Iodide	4.001	142	89629	17.474	ug/l	100
11) Tert butyl alcohol	4.866	59	33635	99.308	ug/l	97
12) 1,1-Dichloroethene	3.781	96	92667	20.060	ug/l	95
13) Acrolein	3.647	56	47424	103.260	ug/l	95
14) Allyl chloride	4.379	41	146217	20.579	ug/l	93
15) Acrylonitrile	5.055	53	107474	101.169	ug/l	99
16) Acetone	3.873	43	99768	103.629	ug/l	99
17) Carbon Disulfide	4.104	76	305830	20.494	ug/l	98
18) Methyl Acetate	4.379	43	59655	18.711	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	252967	20.111	ug/l	96
20) Methylene Chloride	4.610	84	110970	18.252	ug/l	96
21) trans-1,2-Dichloroethene	5.104	96	106564	20.184	ug/l	94
22) Diisopropyl ether	6.012	45	321027	20.345	ug/l	96
23) Vinyl Acetate	5.958	43	906576	104.027	ug/l	100
24) 1,1-Dichloroethane	5.909	63	195430	20.504	ug/l	99
25) 2-Butanone	6.890	43	143746	102.588	ug/l	99
26) 2,2-Dichloropropane	6.884	77	164624	20.605	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	122077	19.899	ug/l	98
28) Bromochloromethane	7.238	49	82032	20.472	ug/l	95
29) Tetrahydrofuran	7.256	42	89736	101.422	ug/l	98
30) Chloroform	7.415	83	194987	19.863	ug/l	97
31) Cyclohexane	7.701	56	175827	20.097	ug/l	93
32) 1,1,1-Trichloroethane	7.610	97	173928	20.502	ug/l	99
36) 1,1-Dichloropropene	7.835	75	143801	20.370	ug/l	100
37) Ethyl Acetate	6.982	43	63401	20.813	ug/l	98
38) Carbon Tetrachloride	7.817	117	148557	19.944	ug/l	96
39) Methylcyclohexane	9.103	83	183335	20.068	ug/l	97
40) Benzene	8.079	78	436818	20.126	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	34505	18.399	ug/l	95
42) 1,2-Dichloroethane	8.158	62	119482	20.089	ug/l	99
43) Isopropyl Acetate	8.195	43	126183	19.930	ug/l	99
44) Trichloroethene	8.859	130	108598	19.929	ug/l	96
45) 1,2-Dichloropropane	9.140	63	102981	20.273	ug/l	97
46) Dibromomethane	9.225	93	57676	20.001	ug/l	95
47) Bromodichloromethane	9.420	83	152012	20.443	ug/l	97
48) Methyl methacrylate	9.219	41	59051	19.401	ug/l	93
49) 1,4-Dioxane	9.225	88	13754	403.709	ug/l	99
51) 4-Methyl-2-Pentanone	9.993	43	326652	101.528	ug/l	97
52) Toluene	10.164	92	270533	19.757	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	131291	19.624	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	156954	20.233	ug/l	95
55) 1,1,2-Trichloroethane	10.566	97	75639	20.257	ug/l	98
56) Ethyl methacrylate	10.438	69	96651	19.239	ug/l	97
57) 1,3-Dichloropropane	10.713	76	130811	20.079	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	237217	99.871	ug/l	98
59) 2-Hexanone	10.755	43	215777	98.645	ug/l	98
60) Dibromochloromethane	10.908	129	94732	19.641	ug/l	100
61) 1,2-Dibromoethane	11.012	107	69777	19.969	ug/l	97
64) Tetrachloroethene	10.646	164	115603	18.583	ug/l	96
65) Chlorobenzene	11.438	112	285635	19.741	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	94942	19.373	ug/l	99
67) Ethyl Benzene	11.518	91	494938	19.469	ug/l	97
68) m/p-Xylenes	11.627	106	383028	38.976	ug/l	100
69) o-Xylene	11.950	106	176241	19.033	ug/l	96
70) Styrene	11.963	104	296321	19.104	ug/l	100
71) Bromoform	12.127	173	51385	18.830	ug/l #	98
73) Isopropylbenzene	12.249	105	464061	20.121	ug/l	100
74) N-amyl acetate	12.066	43	105914	20.459	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.499	83	81128	21.826	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	107685	33.824	ug/l #	100
77) Bromobenzene	12.523	156	103685	19.834	ug/l	100
78) n-propylbenzene	12.591	91	564023	20.256	ug/l	99
79) 2-Chlorotoluene	12.676	91	314954	20.020	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	370288	19.889	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	25639	20.346	ug/l	98
82) 4-Chlorotoluene	12.773	91	326505	19.758	ug/l	99
83) tert-Butylbenzene	12.993	119	327400	19.940	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	368212	19.754	ug/l	99
85) sec-Butylbenzene	13.170	105	491676	19.902	ug/l	99
86) p-Isopropyltoluene	13.285	119	405641	19.731	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	206895	19.706	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	203188	19.483	ug/l	99
89) n-Butylbenzene	13.615	91	378895	19.593	ug/l	99
90) Hexachloroethane	13.871	117	83492	20.390	ug/l	96
91) 1,2-Dichlorobenzene	13.651	146	179542	19.405	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	12253	19.439	ug/l	95
93) 1,2,4-Trichlorobenzene	14.913	180	99715	19.088	ug/l	99
94) Hexachlorobutadiene	15.017	225	56915	19.267	ug/l	98
95) Naphthalene	15.139	128	173849	18.403	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	85697	18.985	ug/l	98

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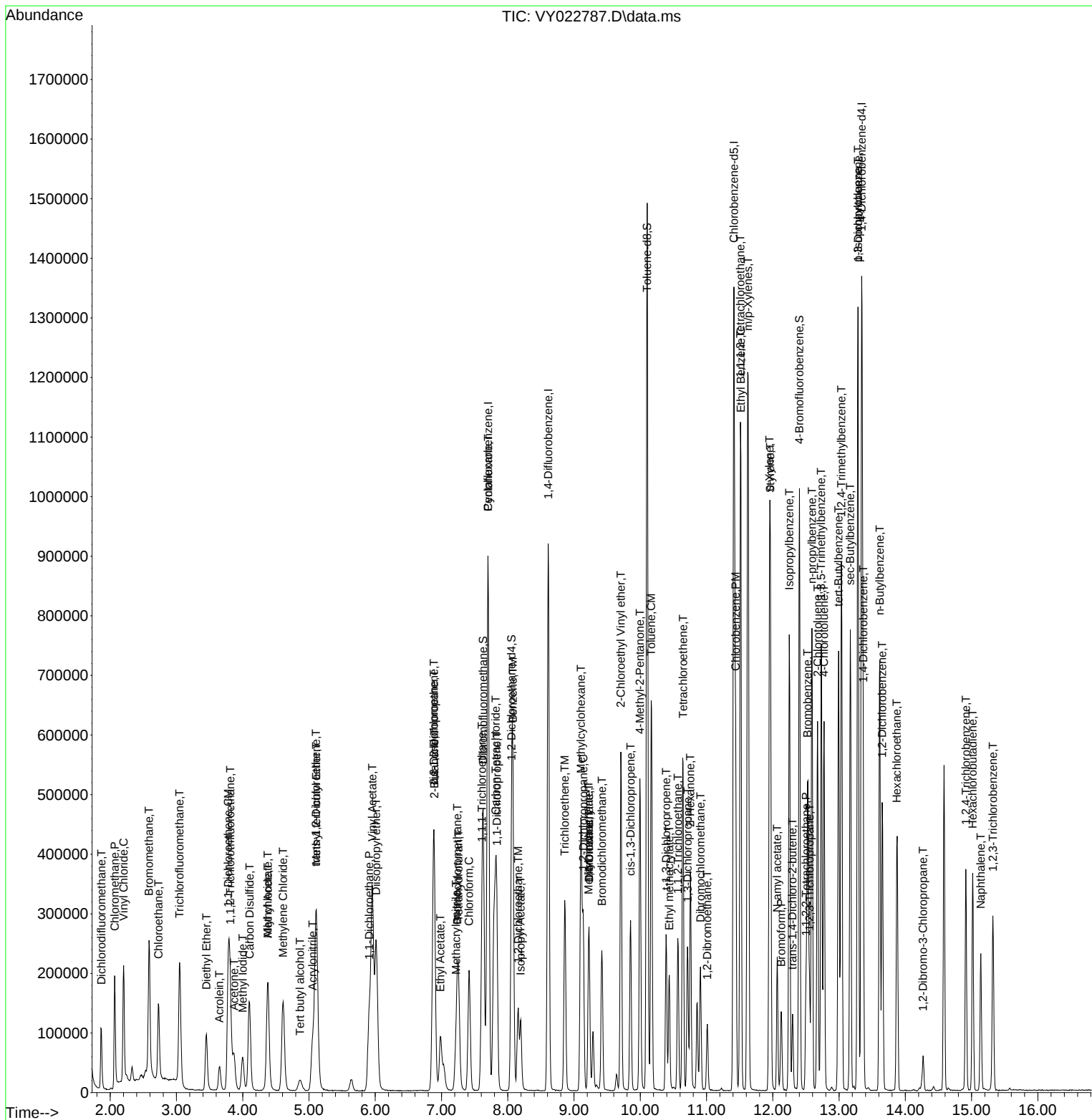
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

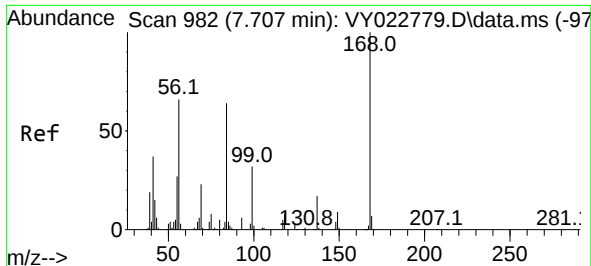
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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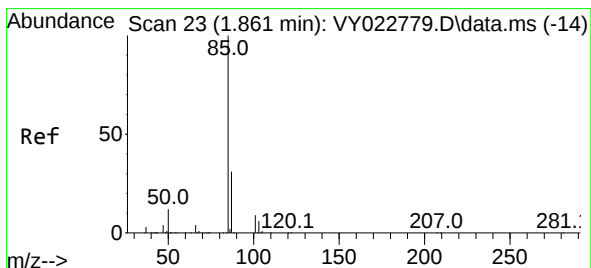
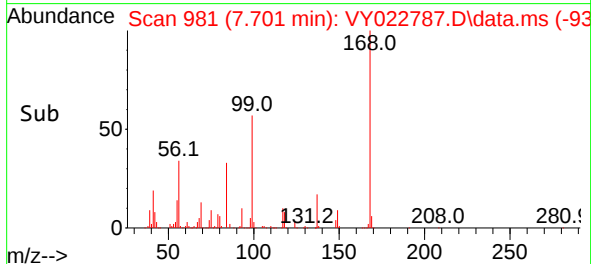
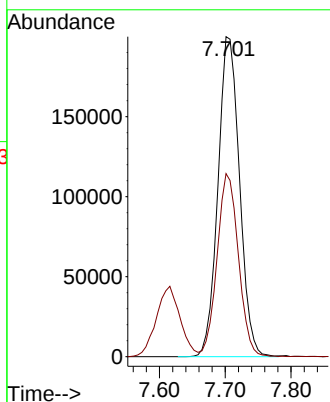
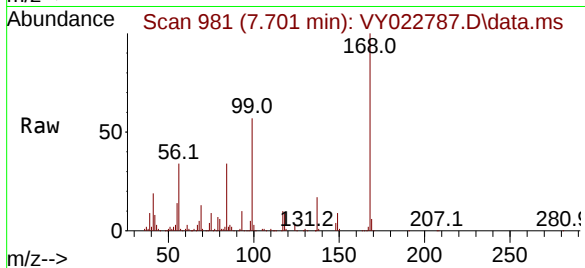




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
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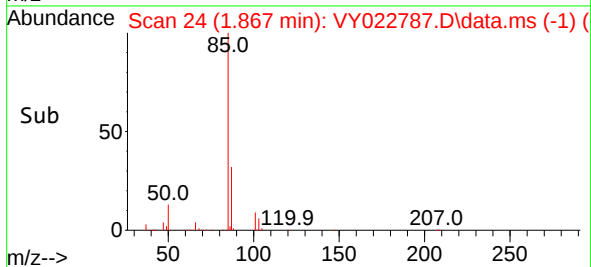
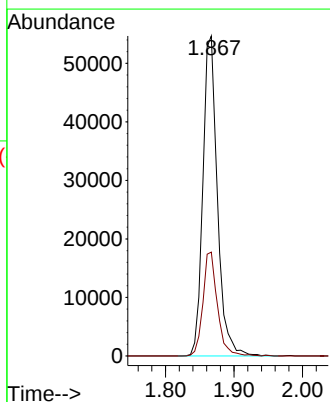
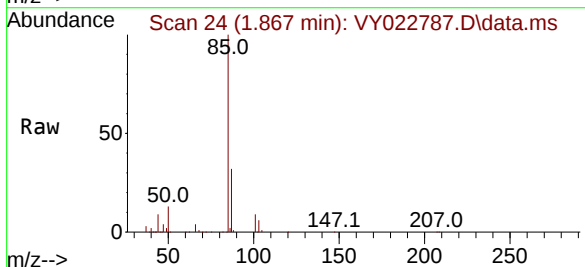
Instrument :
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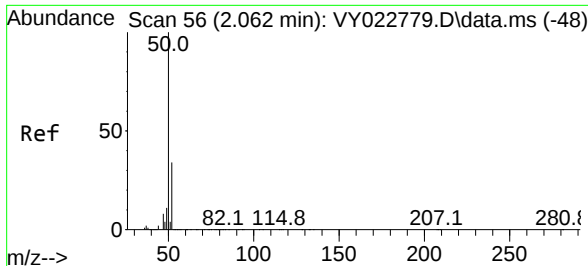
Tgt Ion:168 Resp: 456381
Ion Ratio Lower Upper
168 100
99 57.1 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 20.674 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 85 Resp: 80681
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.0

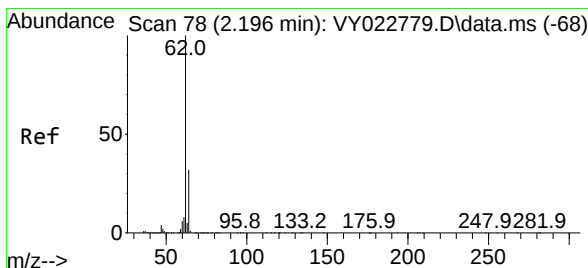
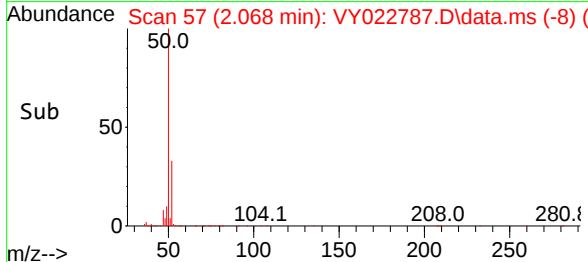
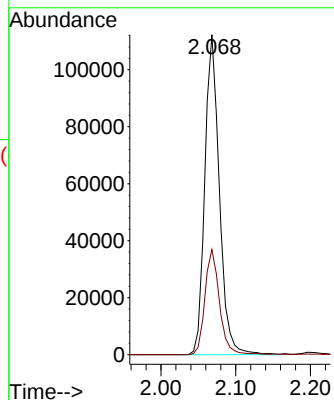
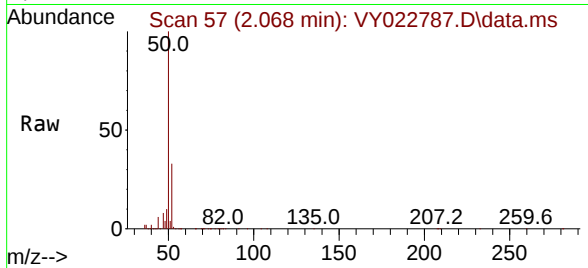




#3
Chloromethane
Concen: 20.380 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

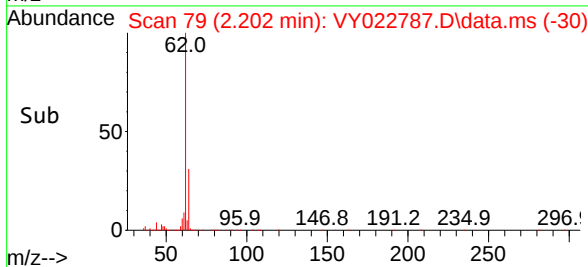
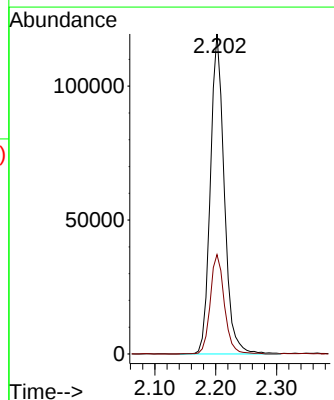
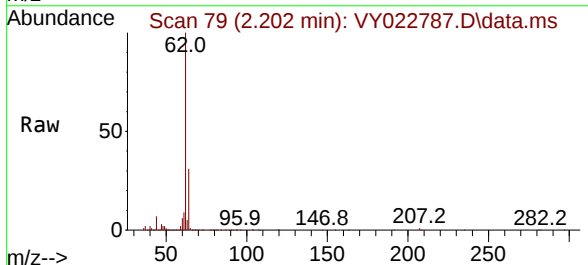
Instrument :
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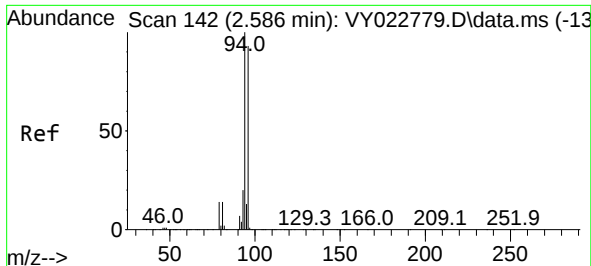
Tgt Ion: 50 Resp: 151870
Ion Ratio Lower Upper
50 100
52 32.9 26.0 39.0



#4
Vinyl Chloride
Concen: 20.320 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 62 Resp: 189178
Ion Ratio Lower Upper
62 100
64 31.0 25.3 37.9

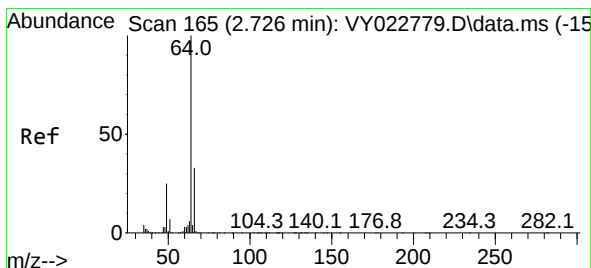
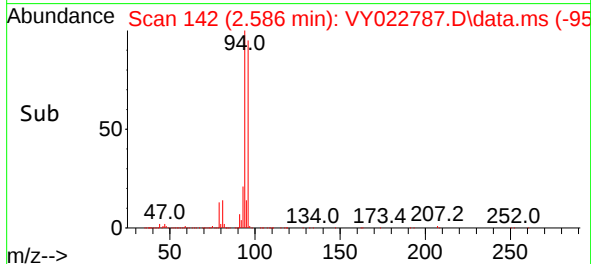
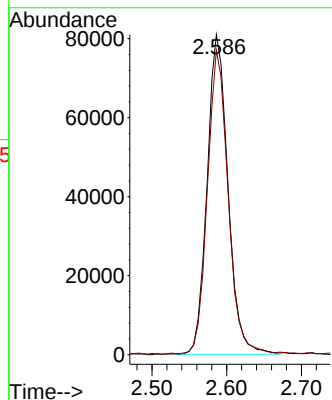
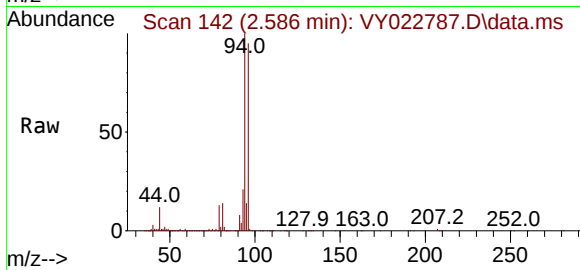




#5
Bromomethane
Concen: 21.435 ug/l
RT: 2.586 min Scan# 142
Delta R.T. -0.012 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

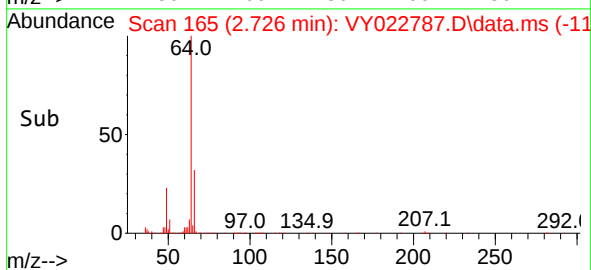
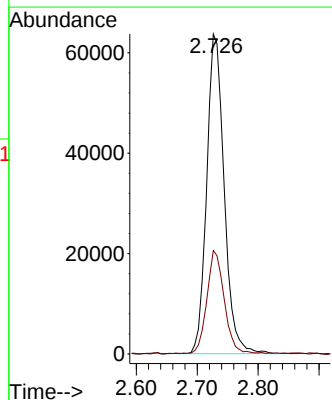
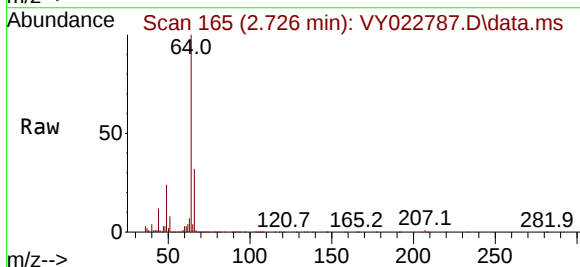
Instrument :
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Tgt Ion: 94 Resp: 156887
Ion Ratio Lower Upper
94 100
96 94.9 74.0 111.0



#6
Chloroethane
Concen: 20.264 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY022787.D
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Tgt Ion: 64 Resp: 126812
Ion Ratio Lower Upper
64 100
66 32.1 23.8 35.6

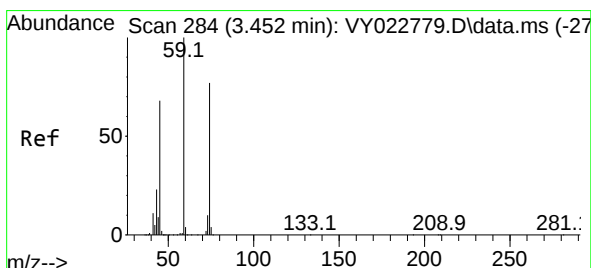
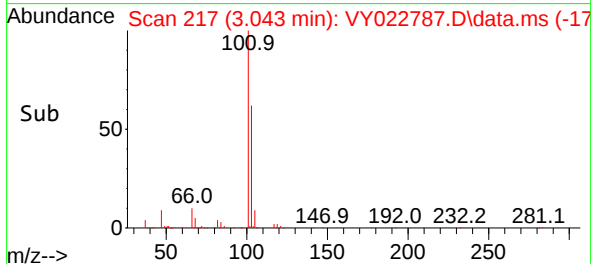
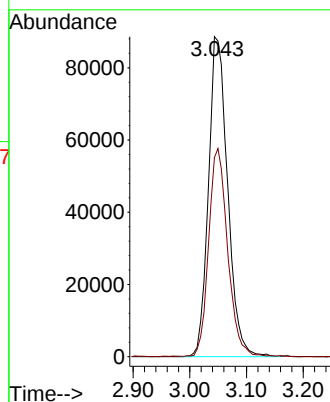
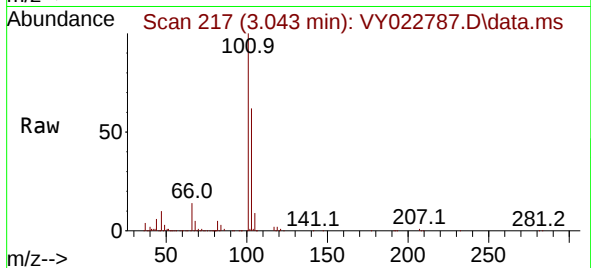




#7
 Trichlorofluoromethane
 Concen: 20.176 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. -0.012 min
 Lab File: VY022787.D
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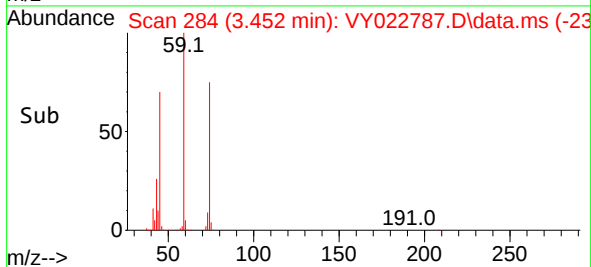
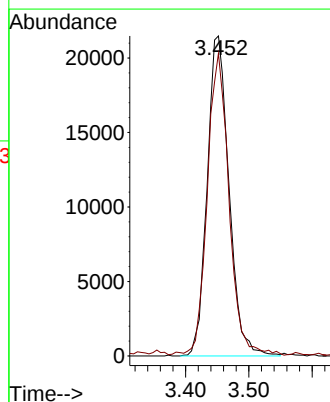
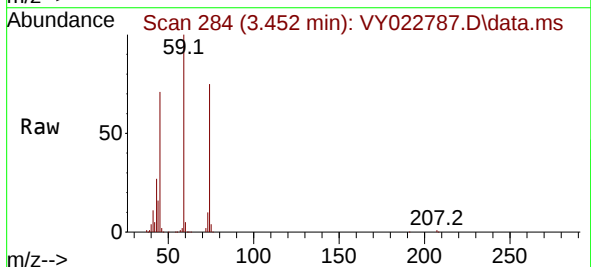
Instrument :
 MSVOA_Y
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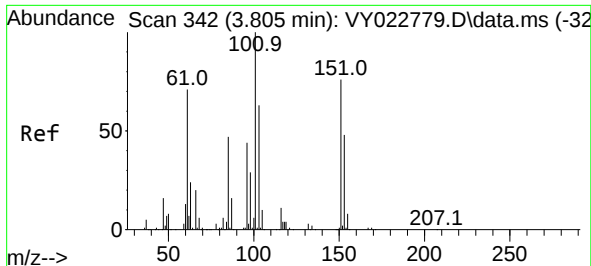
Tgt Ion:101 Resp: 207987
 Ion Ratio Lower Upper
 101 100
 103 62.1 52.2 78.2



#8
 Diethyl Ether
 Concen: 20.242 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 51539
 Ion Ratio Lower Upper
 74 100
 45 93.6 45.9 137.6

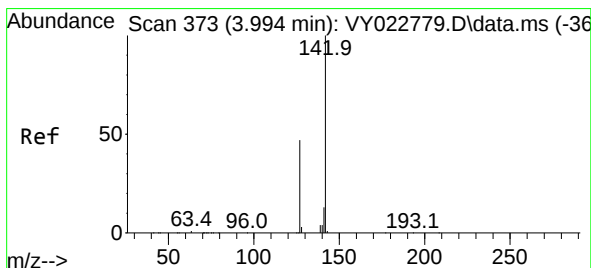
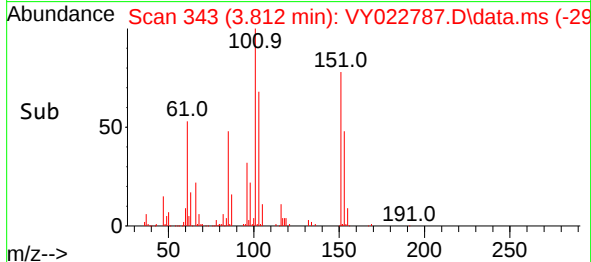
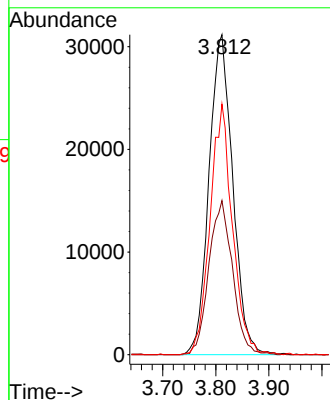
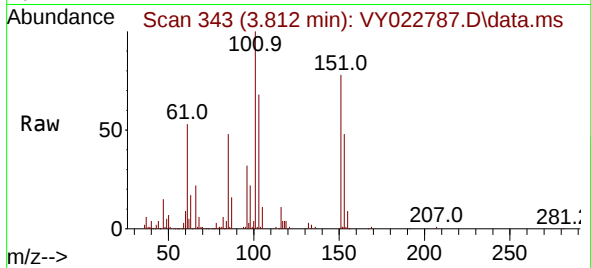




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.546 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

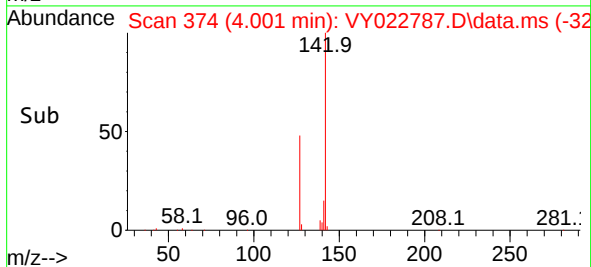
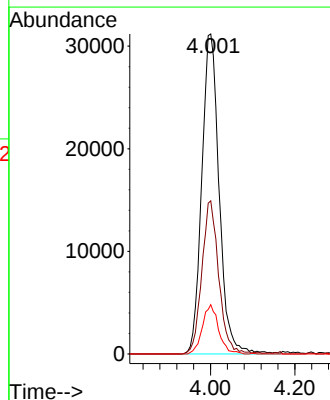
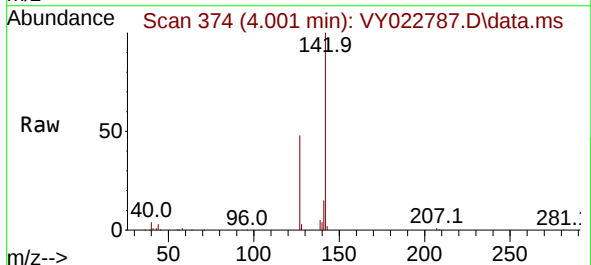
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

Tgt Ion:101 Resp: 96792
Ion Ratio Lower Upper
101 100
85 48.0 39.3 58.9
151 74.1 57.8 86.8



#10
Methyl Iodide
Concen: 17.474 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion:142 Resp: 89629
Ion Ratio Lower Upper
142 100
127 46.4 37.1 55.7
141 14.4 11.4 17.2

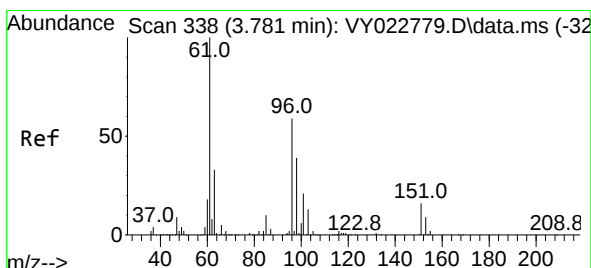
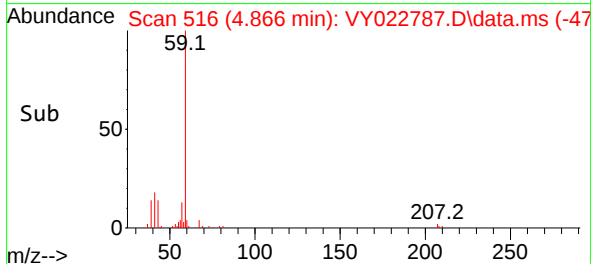
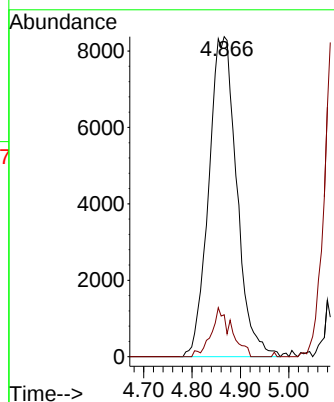
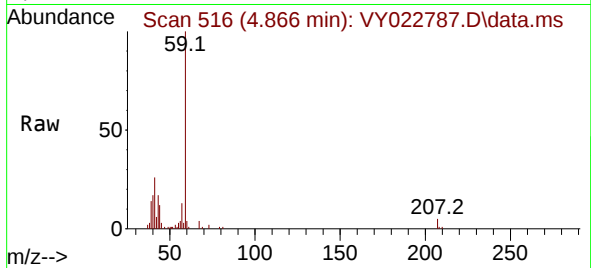




#11
Tert butyl alcohol
Concen: 99.308 ug/l
RT: 4.866 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

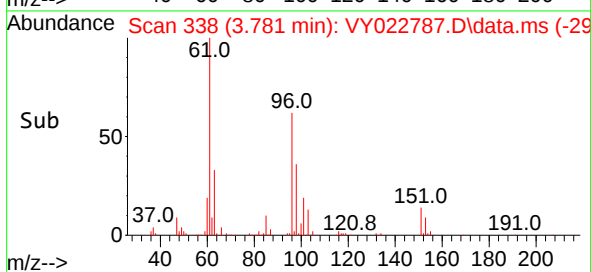
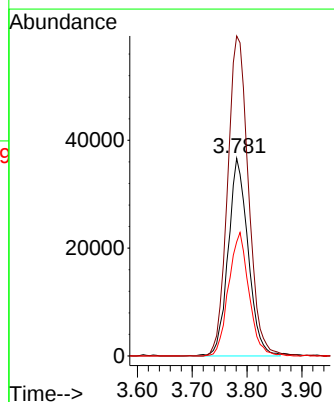
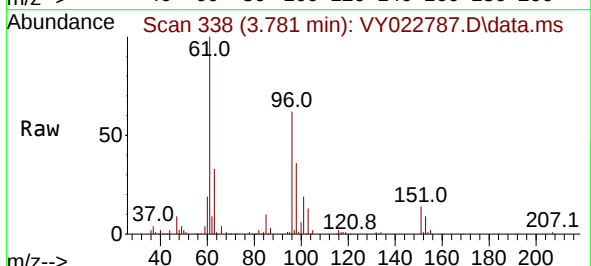
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

Tgt Ion: 59 Resp: 33635
Ion Ratio Lower Upper
59 100
57 11.2 8.0 12.0



#12
1,1-Dichloroethene
Concen: 20.060 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 96 Resp: 92667
Ion Ratio Lower Upper
96 100
61 161.9 134.6 201.8
98 57.7 50.2 75.4

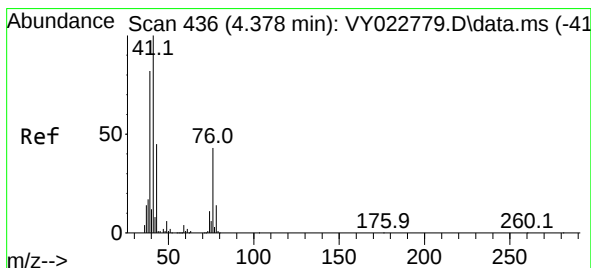
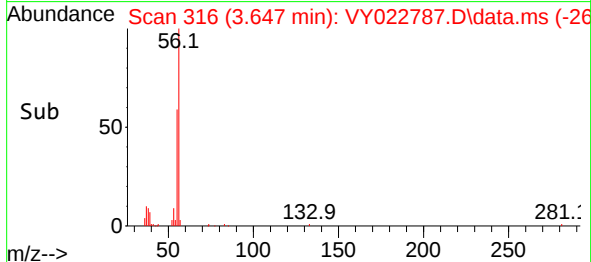
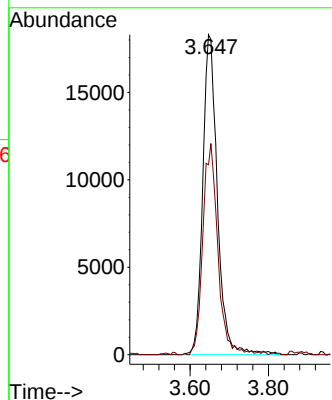
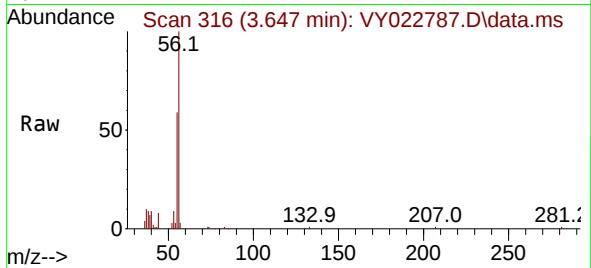




#13
Acrolein
Concen: 103.260 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.012 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

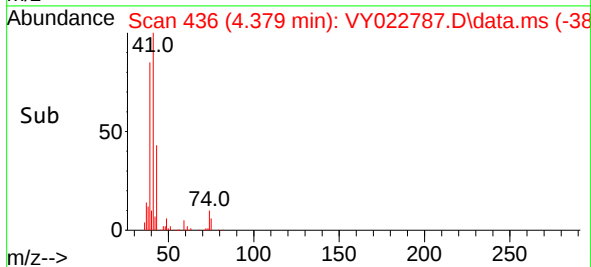
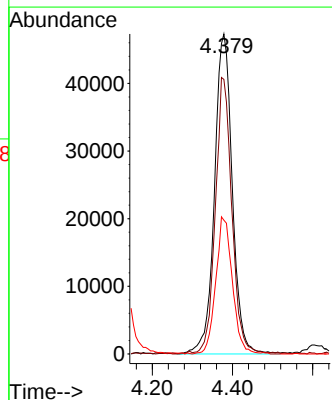
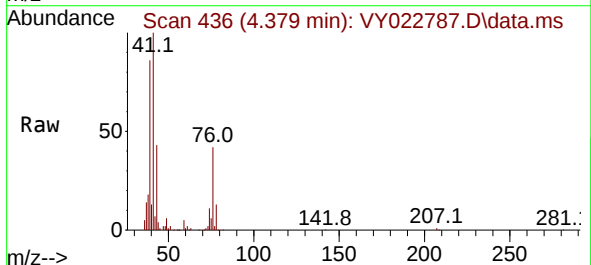
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

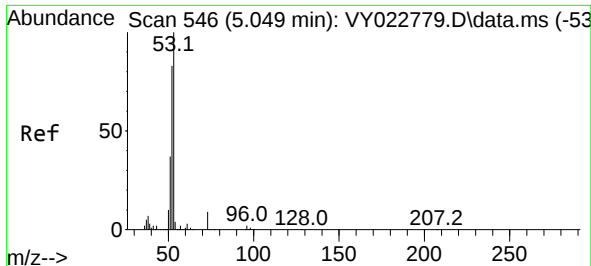
Tgt Ion: 56 Resp: 47424
Ion Ratio Lower Upper
56 100
55 67.5 57.0 85.6



#14
Allyl chloride
Concen: 20.579 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 41 Resp: 146217
Ion Ratio Lower Upper
41 100
39 78.3 69.1 103.7
76 39.8 33.5 50.3

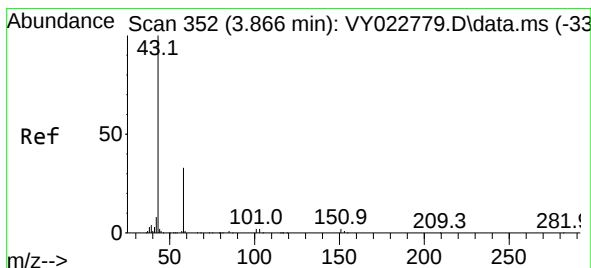
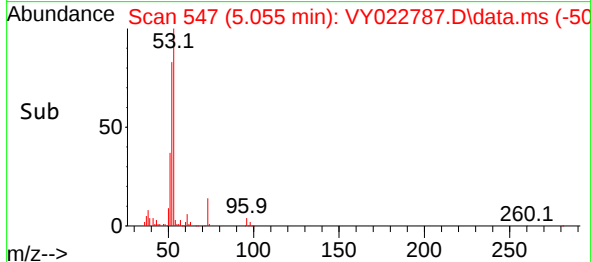
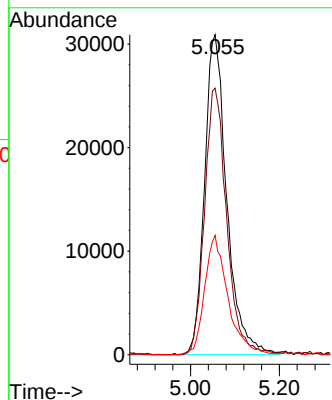
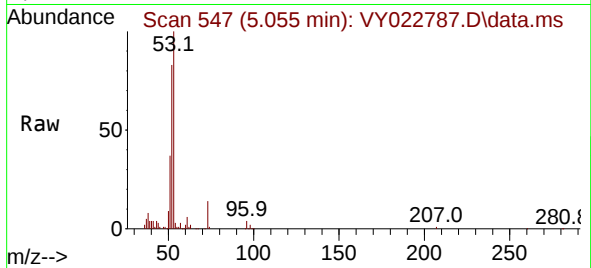




#15
Acrylonitrile
Concen: 101.169 ug/l
RT: 5.055 min Scan# 546
Delta R.T. -0.012 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

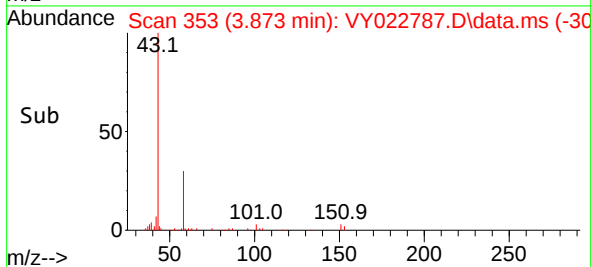
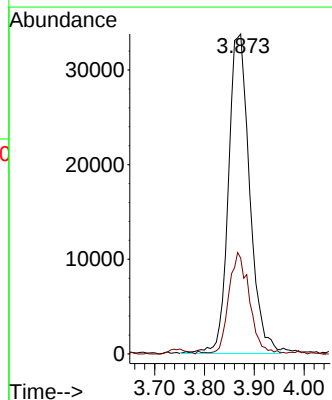
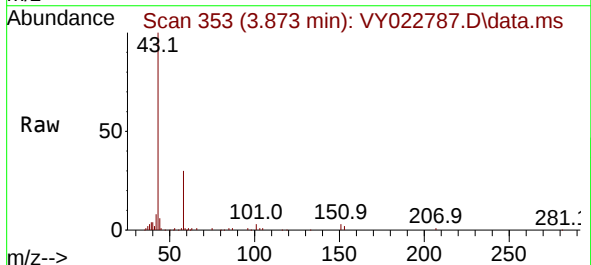
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

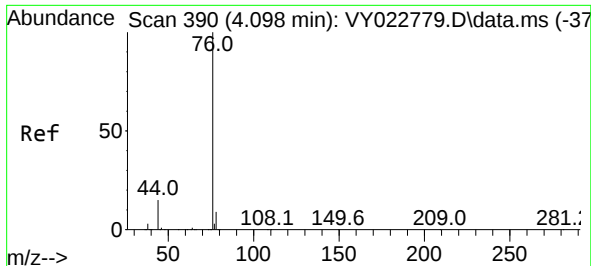
Tgt Ion: 53 Resp: 107474
Ion Ratio Lower Upper
53 100
52 83.1 65.7 98.5
51 39.0 30.1 45.1



#16
Acetone
Concen: 103.629 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 43 Resp: 99768
Ion Ratio Lower Upper
43 100
58 29.6 24.0 36.0

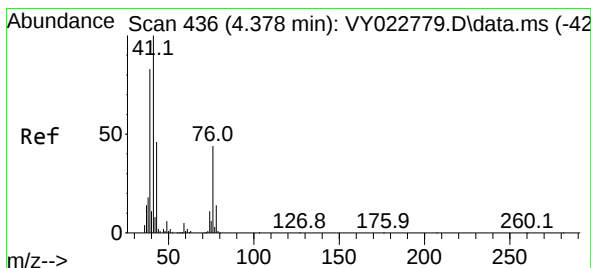
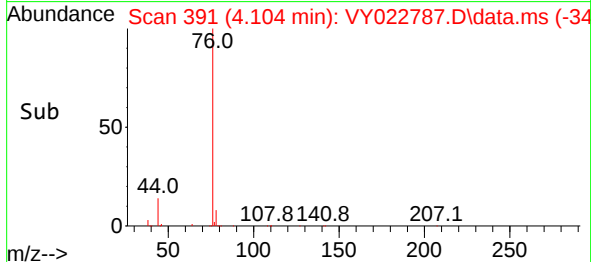
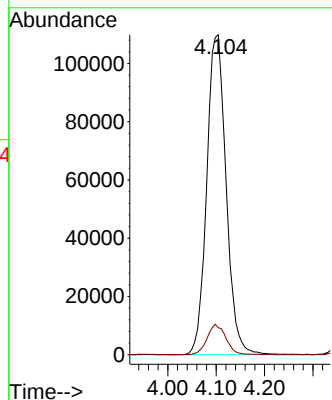
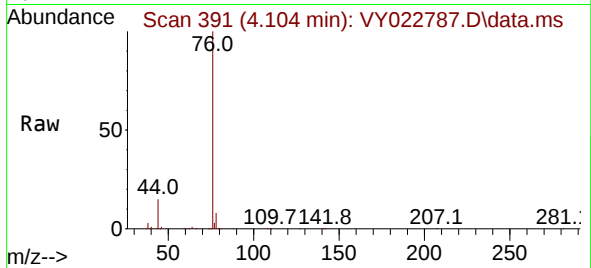




#17
Carbon Disulfide
Concen: 20.494 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

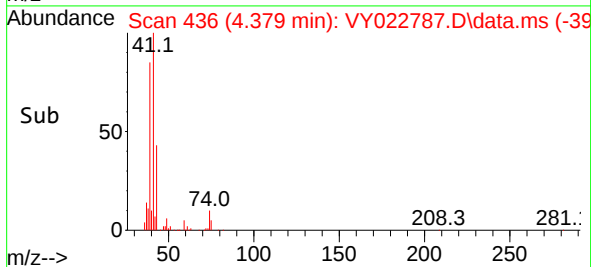
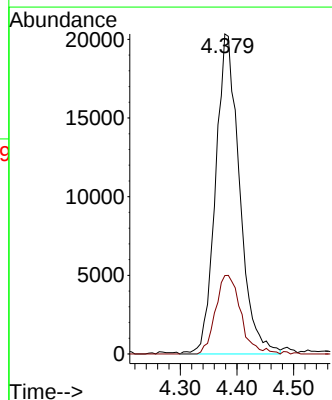
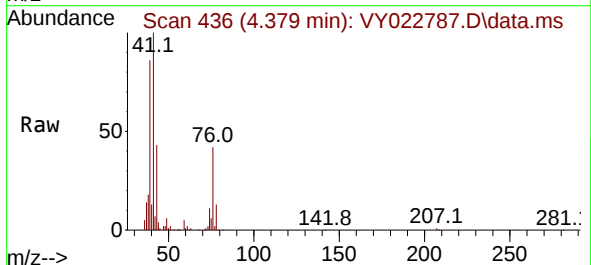
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

Tgt Ion: 76 Resp: 305830
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2



#18
Methyl Acetate
Concen: 18.711 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 43 Resp: 59655
Ion Ratio Lower Upper
43 100
74 25.8 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 20.111 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

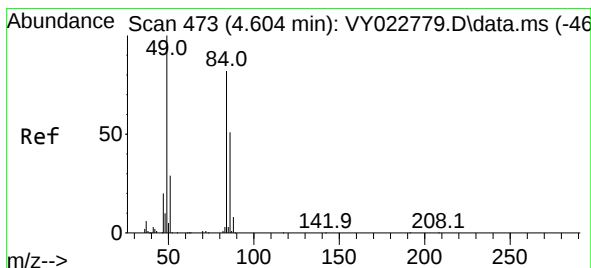
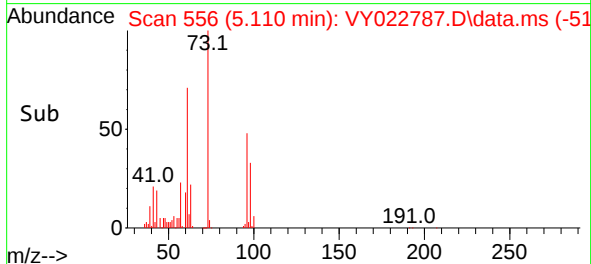
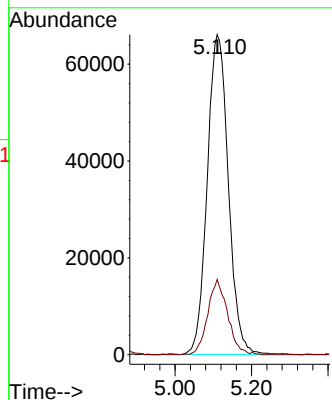
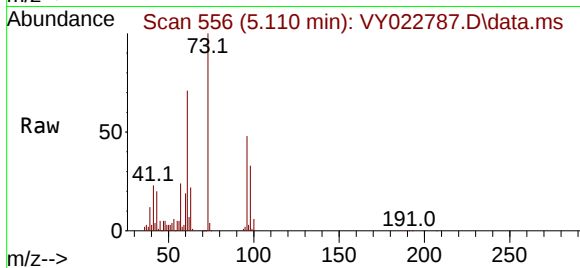
VY0624SBS01

Tgt Ion: 73 Resp: 252967

Ion Ratio Lower Upper

73 100

57 23.5 17.4 26.0



#20

Methylene Chloride

Concen: 18.252 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Tgt Ion: 84 Resp: 110970

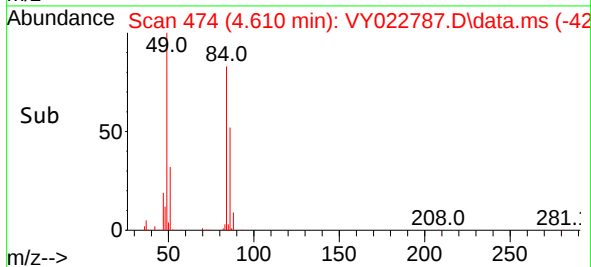
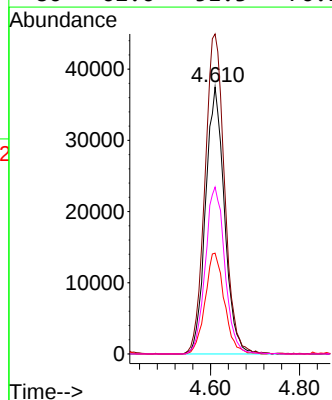
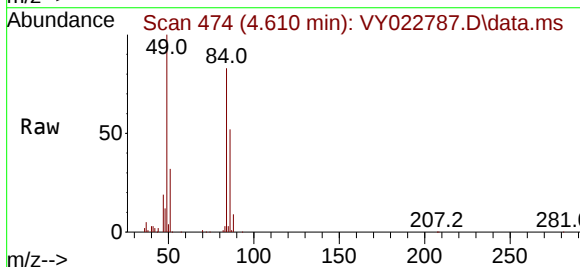
Ion Ratio Lower Upper

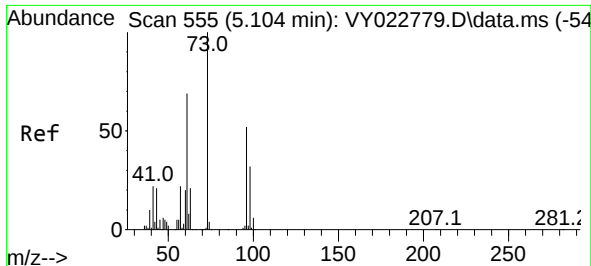
84 100

49 119.9 101.9 152.9

51 37.8 29.8 44.8

86 62.6 51.3 76.9

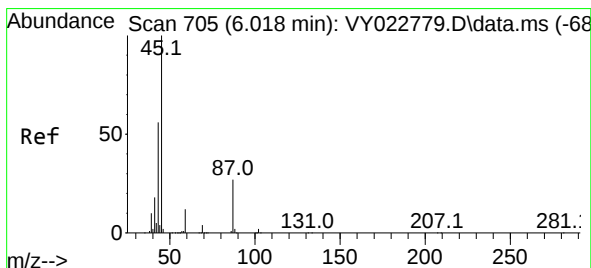
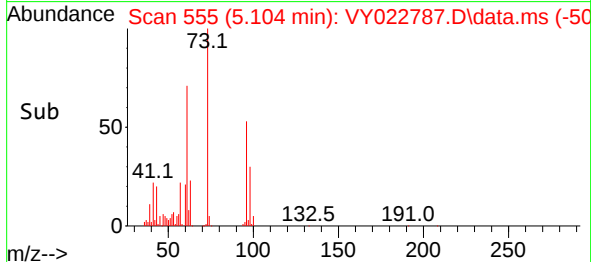
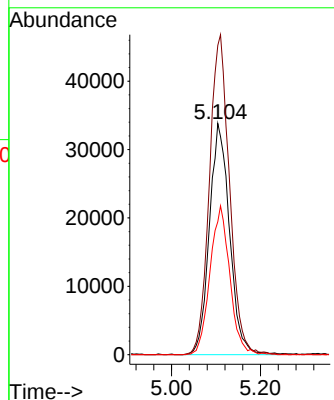
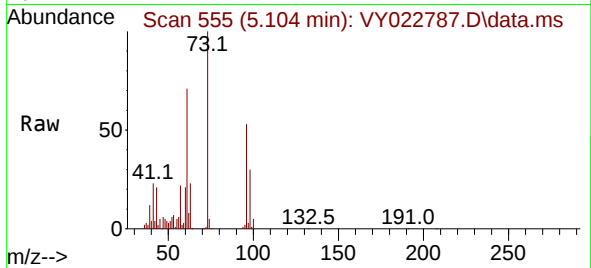




#21
trans-1,2-Dichloroethene
Concen: 20.184 ug/l
RT: 5.104 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

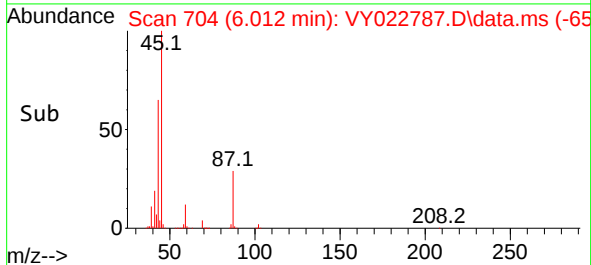
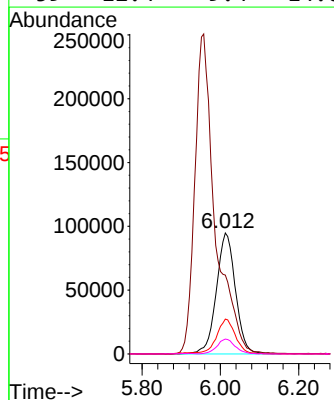
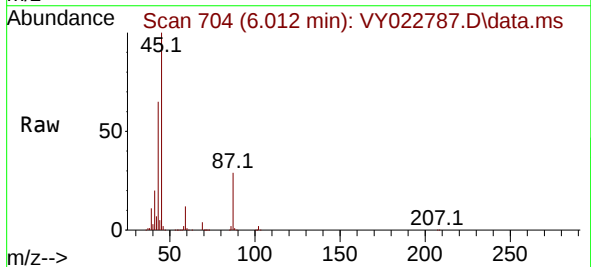
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

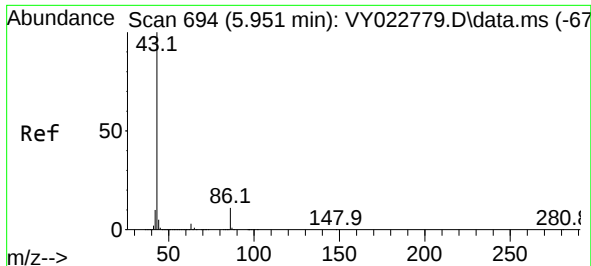
Tgt Ion: 96 Resp: 106564
Ion Ratio Lower Upper
96 100
61 133.8 112.6 169.0
98 57.5 50.6 75.8



#22
Diisopropyl ether
Concen: 20.345 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 45 Resp: 321027
Ion Ratio Lower Upper
45 100
43 64.7 48.3 72.5
87 28.8 23.0 34.6
59 12.4 9.4 14.0

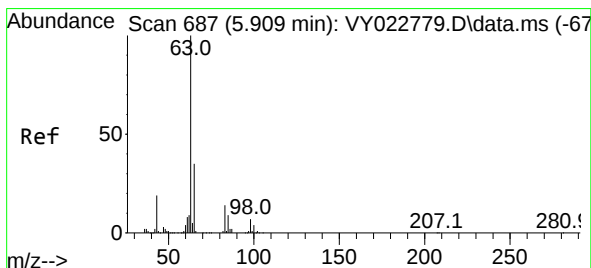
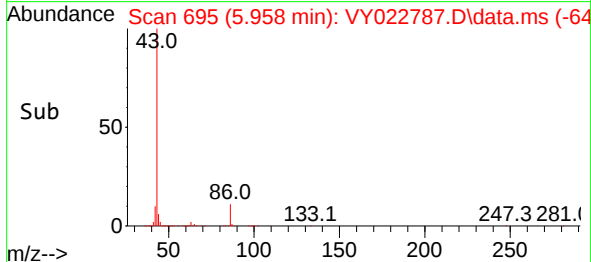
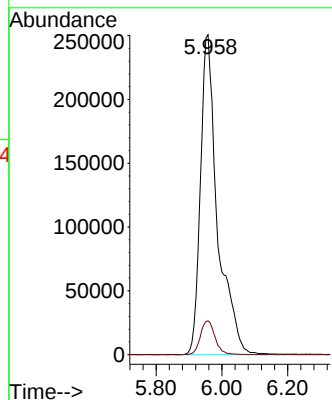
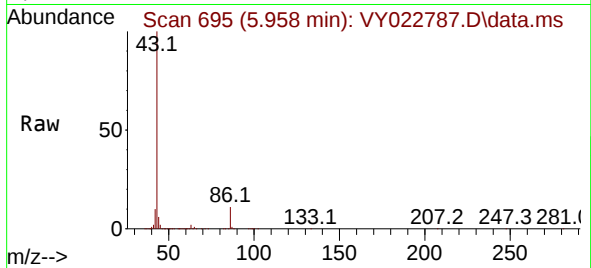




#23
 Vinyl Acetate
 Concen: 104.027 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY022787.D
 Acq: 24 Jun 2025 10:58

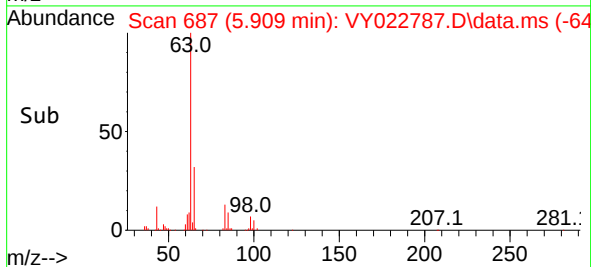
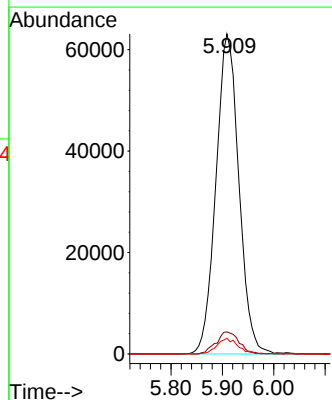
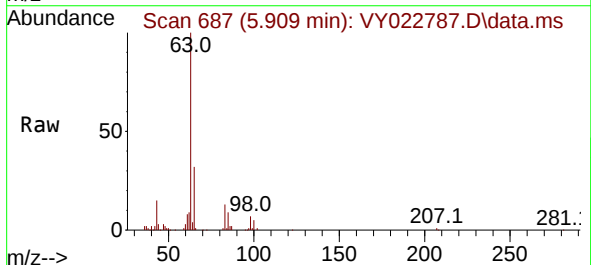
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0624SBS01

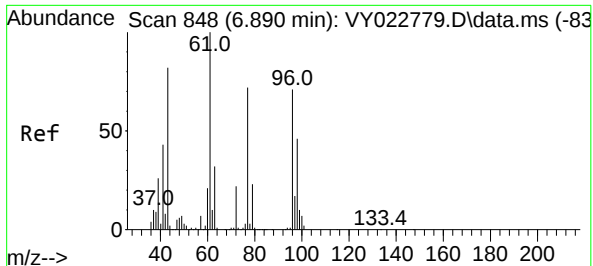
Tgt Ion: 43 Resp: 906576
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.504 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022787.D
 Acq: 24 Jun 2025 10:58

Tgt Ion: 63 Resp: 195430
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.9 2.1 6.3





#25

2-Butanone

Concen: 102.588 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

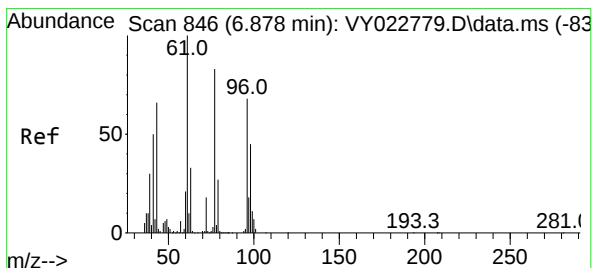
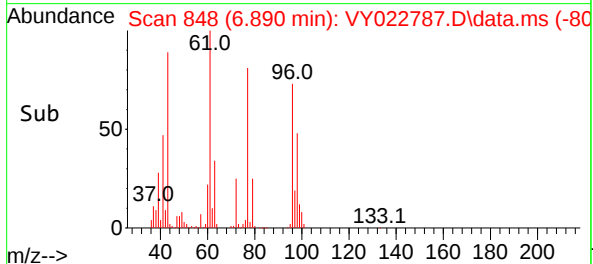
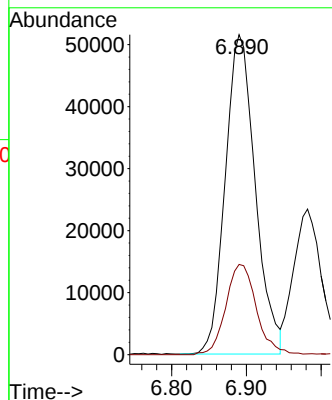
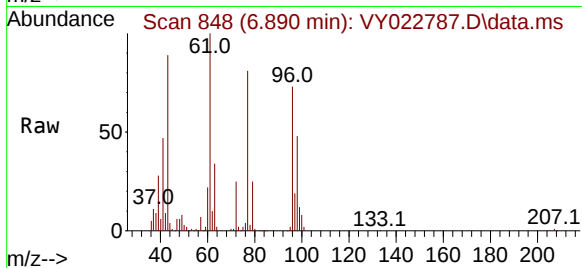
VY0624SBS01

Tgt Ion: 43 Resp: 143746

Ion Ratio Lower Upper

43 100

72 28.3 22.9 34.3



#26

2,2-Dichloropropane

Concen: 20.605 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY022787.D

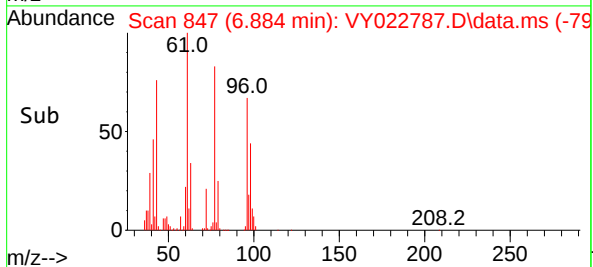
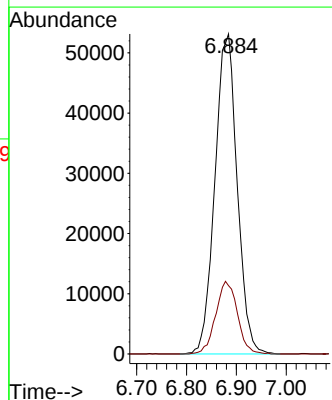
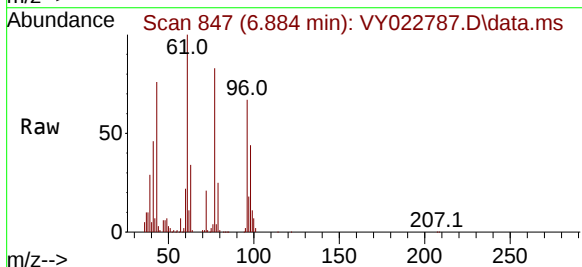
Acq: 24 Jun 2025 10:58

Tgt Ion: 77 Resp: 164624

Ion Ratio Lower Upper

77 100

97 22.1 11.4 34.2

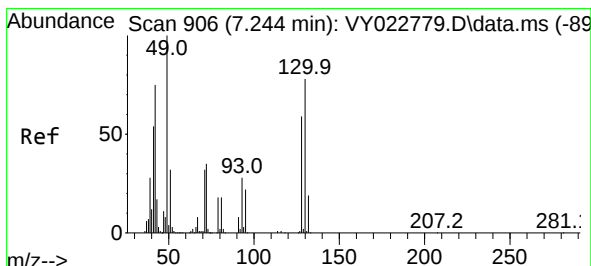
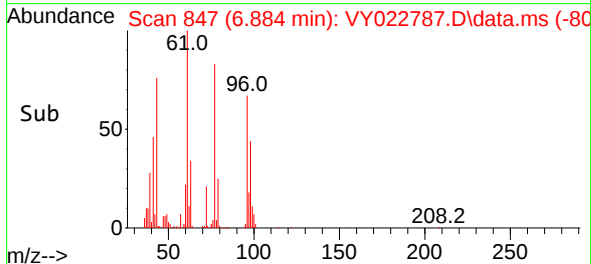
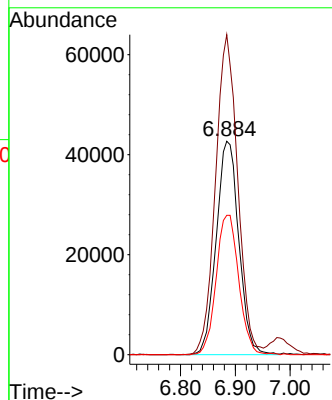
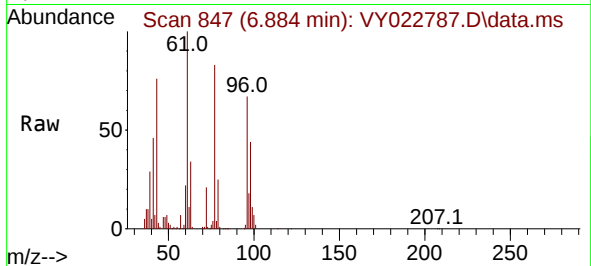




#27
 cis-1,2-Dichloroethene
 Concen: 19.899 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. -0.012 min
 Lab File: VY022787.D
 Acq: 24 Jun 2025 10:58

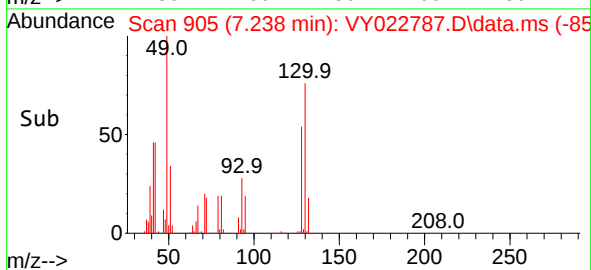
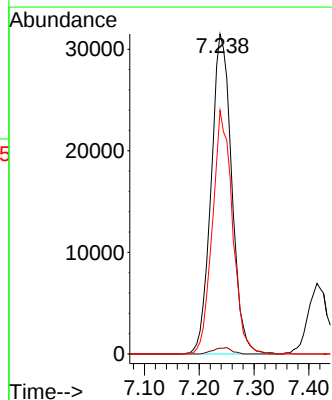
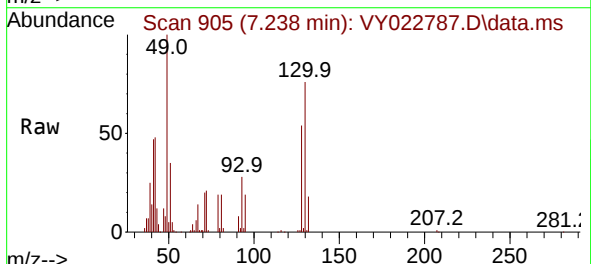
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0624SBS01

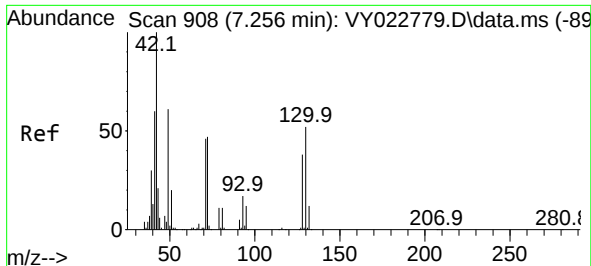
Tgt Ion: 96 Resp: 122077
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 290.0
 98 65.5 0.0 128.4



#28
 Bromochloromethane
 Concen: 20.472 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.012 min
 Lab File: VY022787.D
 Acq: 24 Jun 2025 10:58

Tgt Ion: 49 Resp: 82032
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 74.2 55.7 83.5





#29

Tetrahydrofuran

Concen: 101.422 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

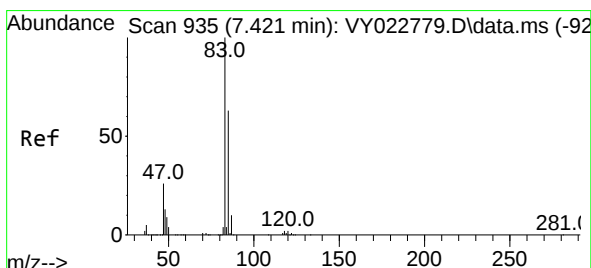
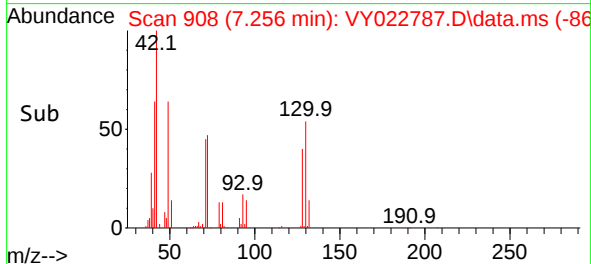
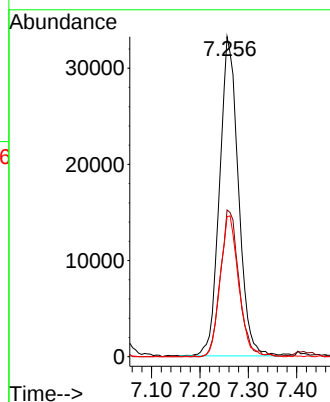
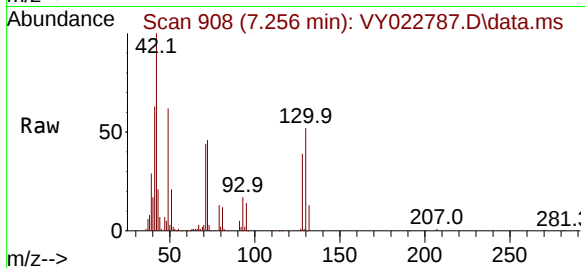
Tgt Ion: 42 Resp: 89736

Ion Ratio Lower Upper

42 100

72 45.5 37.4 56.2

71 43.7 34.2 51.2



#30

Chloroform

Concen: 19.863 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY022787.D

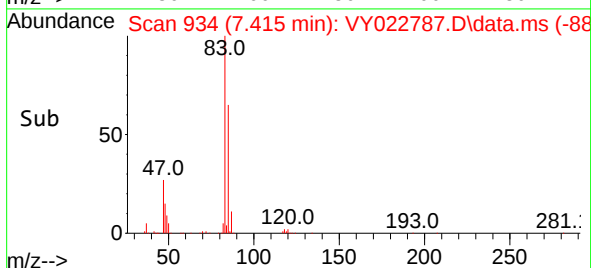
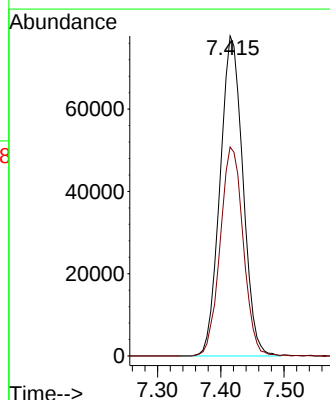
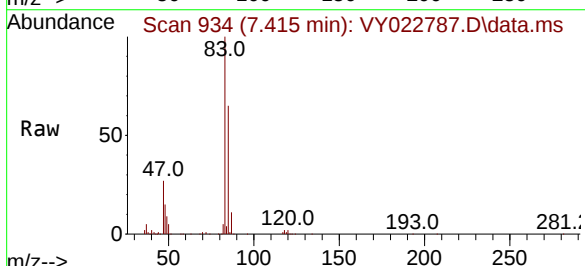
Acq: 24 Jun 2025 10:58

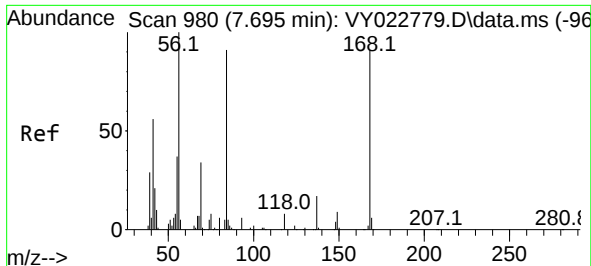
Tgt Ion: 83 Resp: 194987

Ion Ratio Lower Upper

83 100

85 65.3 54.2 81.4

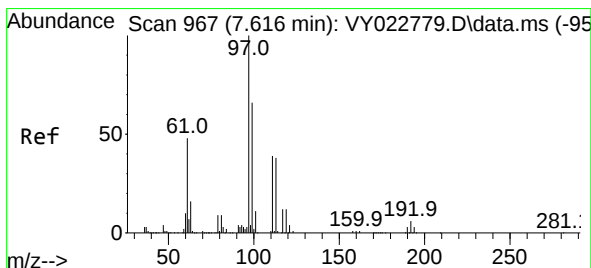
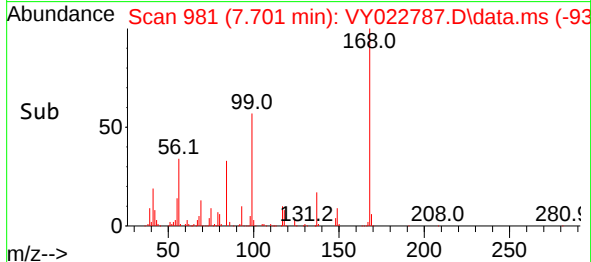
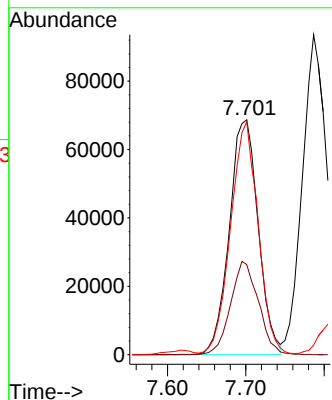
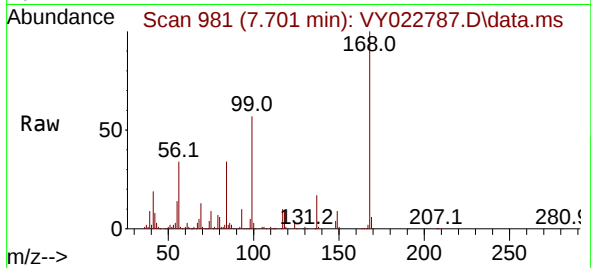




#31
Cyclohexane
Concen: 20.097 ug/l
RT: 7.701 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

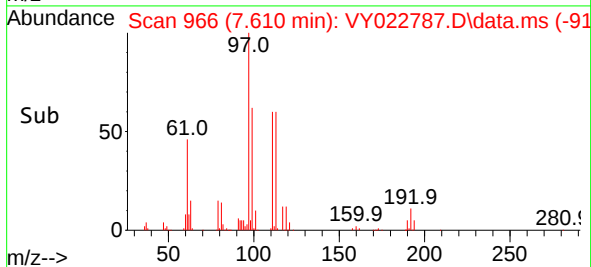
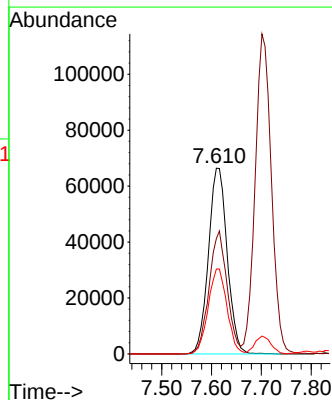
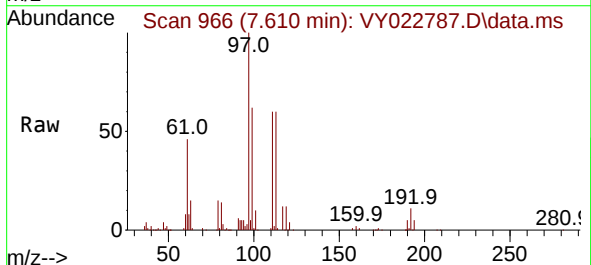
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

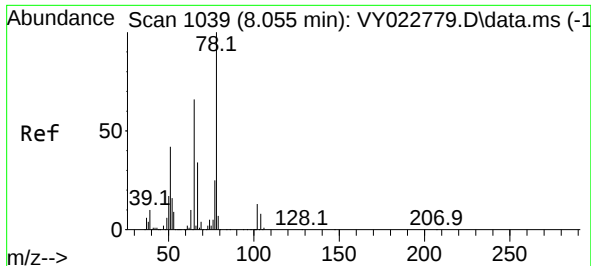
Tgt Ion: 56 Resp: 175827
Ion Ratio Lower Upper
56 100
69 38.2 27.0 40.6
84 97.2 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 20.502 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 97 Resp: 173928
Ion Ratio Lower Upper
97 100
99 63.7 50.9 76.3
61 45.9 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 50.741 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. -0.012 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

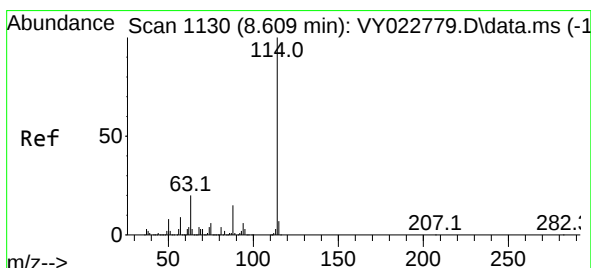
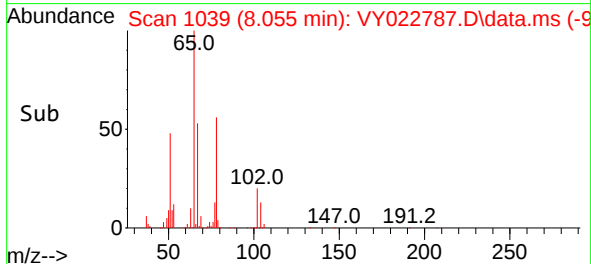
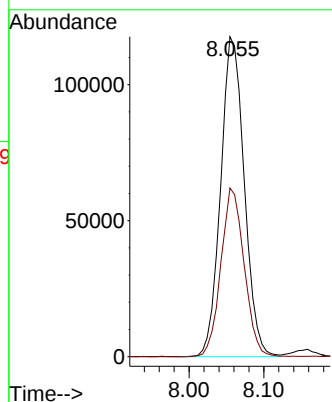
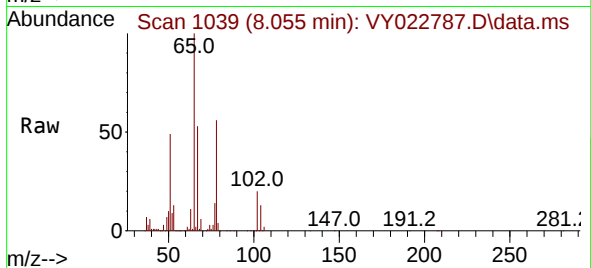
VY0624SBS01

Tgt Ion: 65 Resp: 258457

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

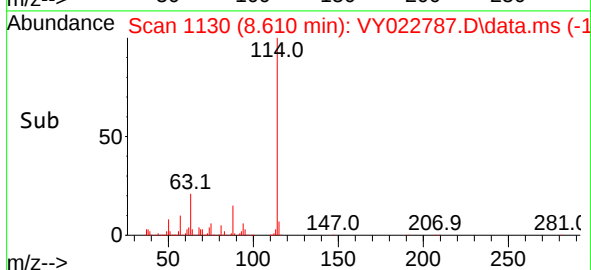
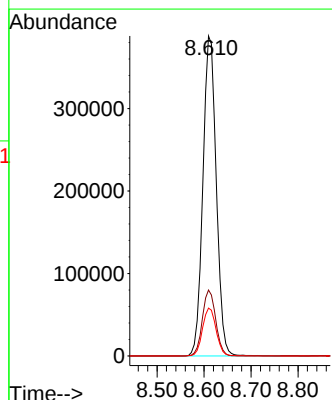
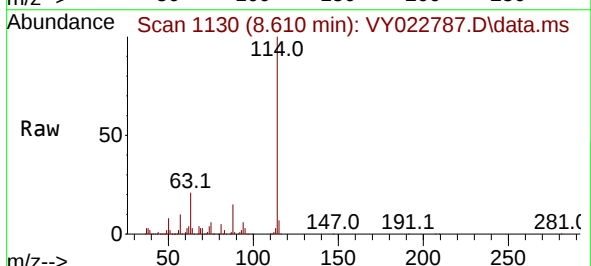
Tgt Ion:114 Resp: 765818

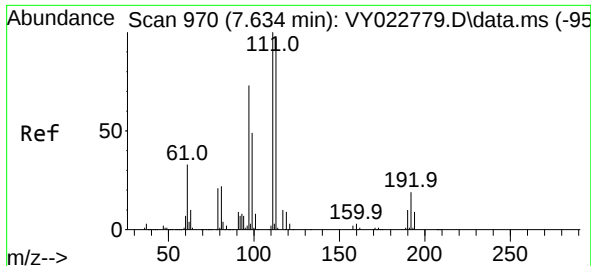
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 15.0 0.0 27.8

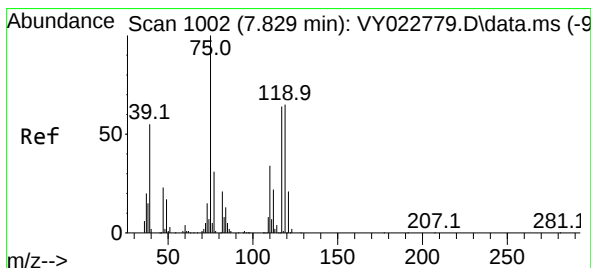
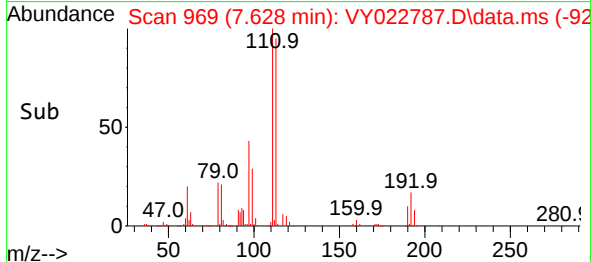
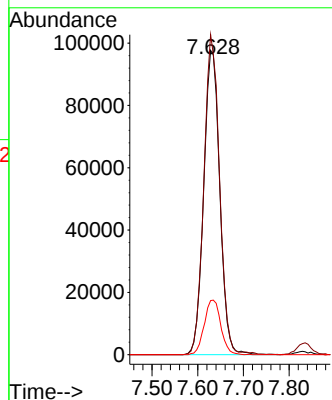
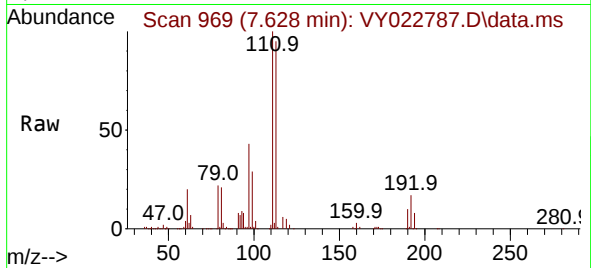




#35
Dibromofluoromethane
Concen: 51.092 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

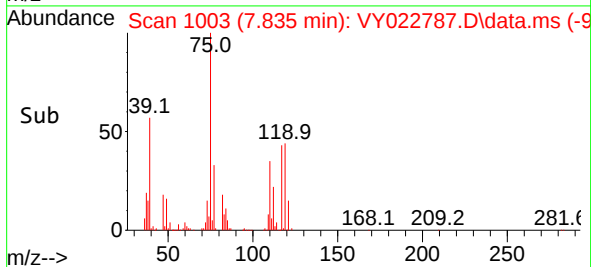
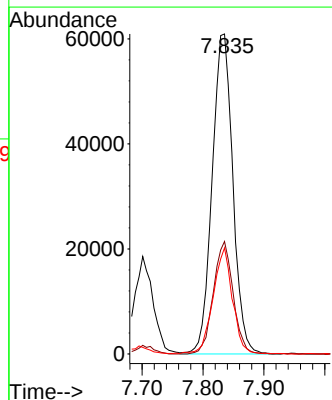
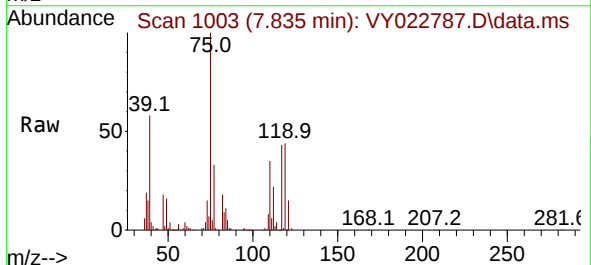
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

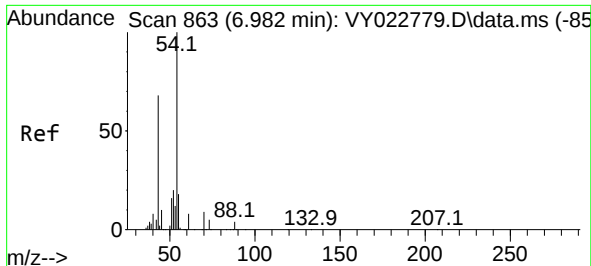
Tgt Ion:113 Resp: 237954
Ion Ratio Lower Upper
113 100
111 102.8 81.1 121.7
192 18.5 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.370 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 75 Resp: 143801
Ion Ratio Lower Upper
75 100
110 33.6 16.9 50.7
77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 20.813 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.012 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

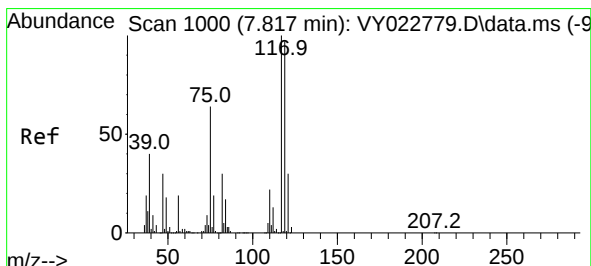
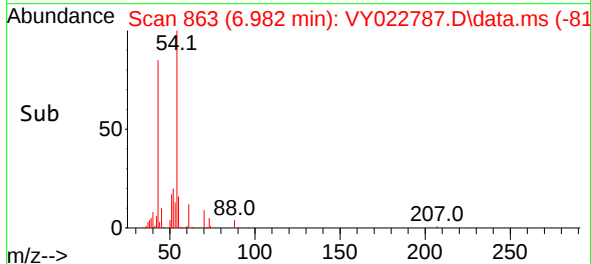
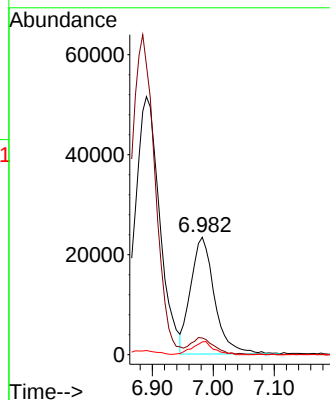
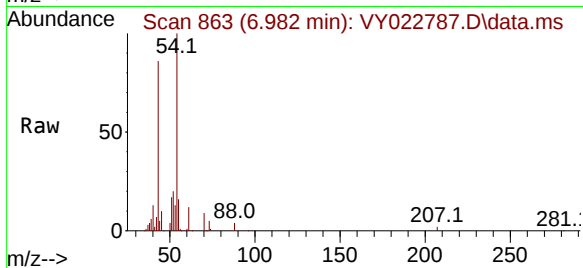
Tgt Ion: 43 Resp: 63401

Ion Ratio Lower Upper

43 100

61 14.0 11.5 17.3

70 10.1 7.2 10.8



#38

Carbon Tetrachloride

Concen: 19.944 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

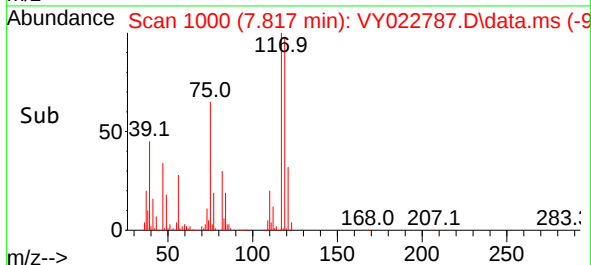
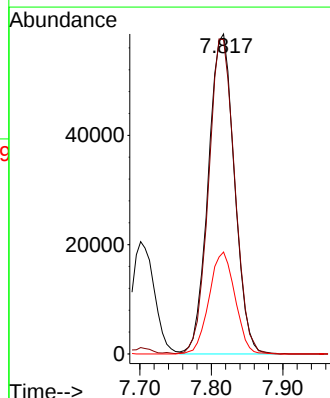
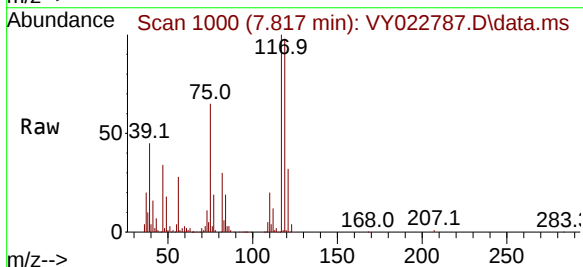
Tgt Ion: 117 Resp: 148557

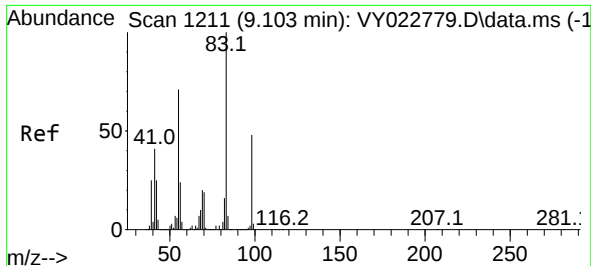
Ion Ratio Lower Upper

117 100

119 98.2 75.0 112.6

121 31.9 25.0 37.4





#39

Methylcyclohexane

Concen: 20.068 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

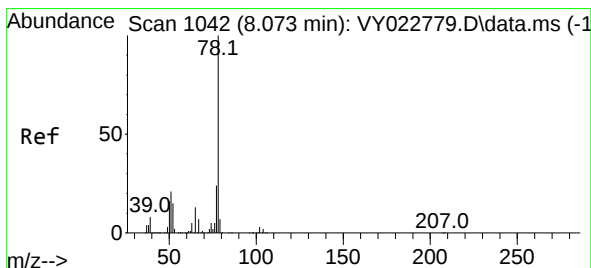
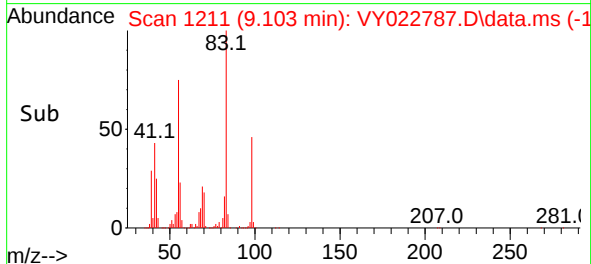
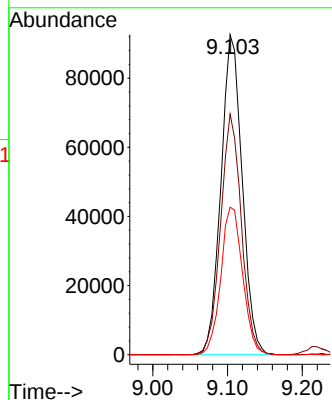
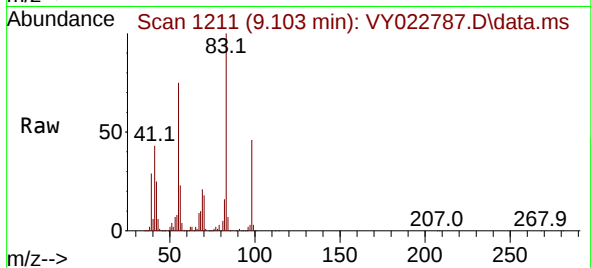
Tgt Ion: 83 Resp: 183335

Ion Ratio Lower Upper

83 100

55 75.2 58.1 87.1

98 46.1 39.0 58.6



#40

Benzene

Concen: 20.126 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022787.D

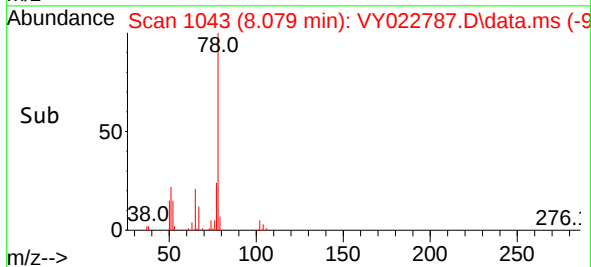
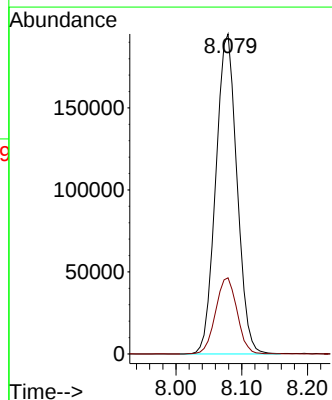
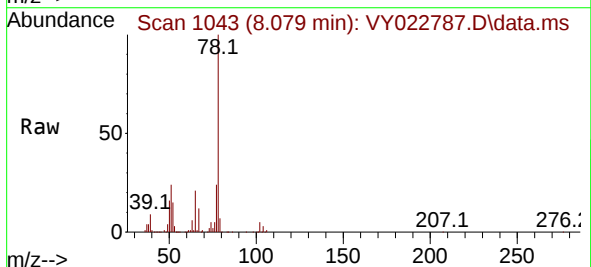
Acq: 24 Jun 2025 10:58

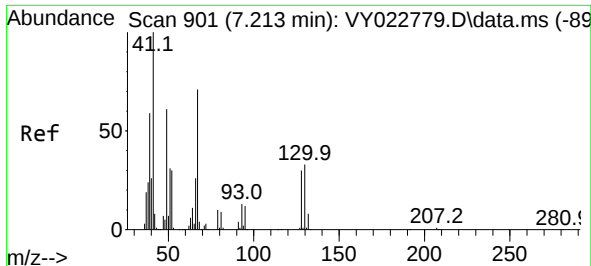
Tgt Ion: 78 Resp: 436818

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9

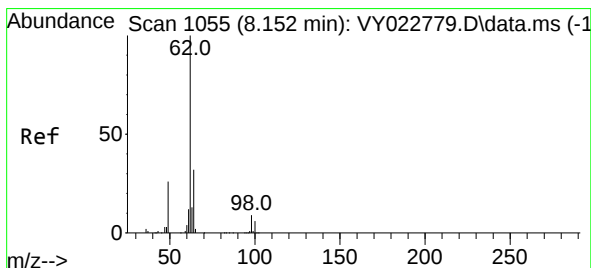
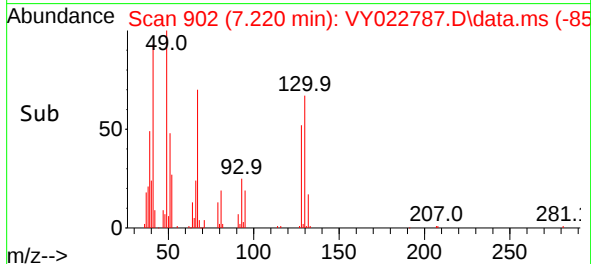
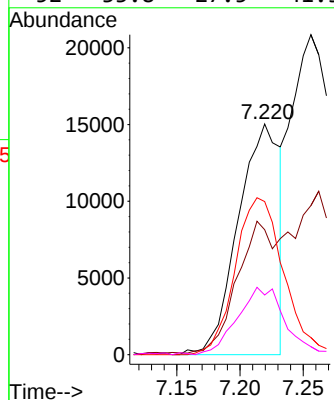
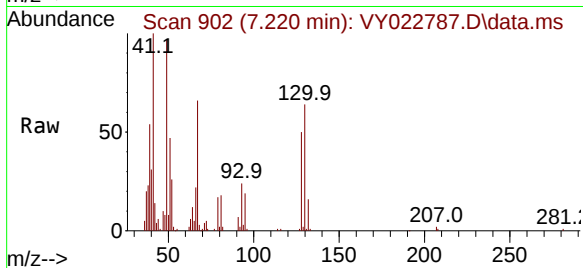




#41
Methacrylonitrile
Concen: 18.399 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

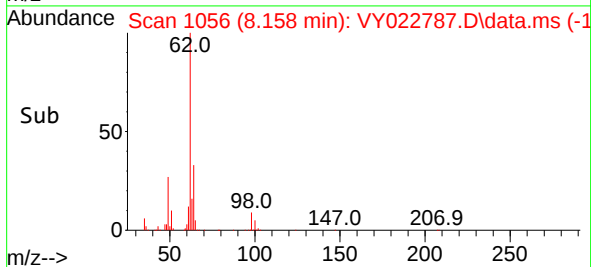
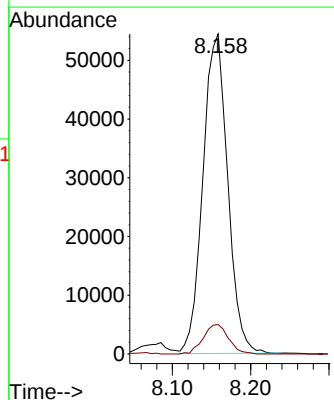
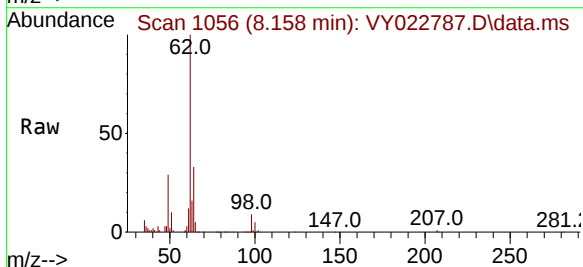
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

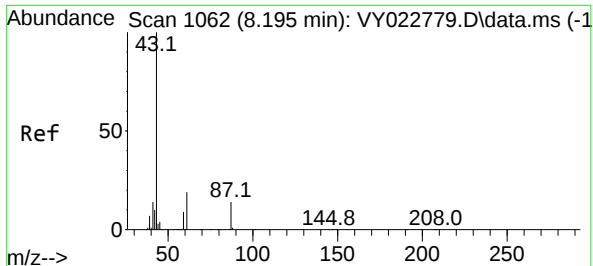
Tgt Ion:	41	Resp:	34505
Ion	Ratio	Lower	Upper
41	100		
39	47.5	46.6	69.8
67	79.7	63.3	94.9
52	33.8	27.5	41.3



#42
1,2-Dichloroethane
Concen: 20.089 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion:	62	Resp:	119482
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2

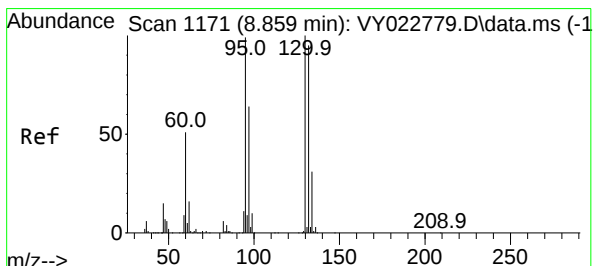
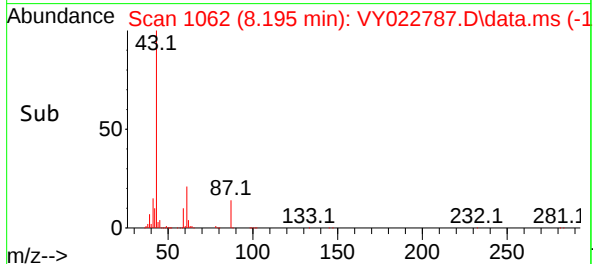
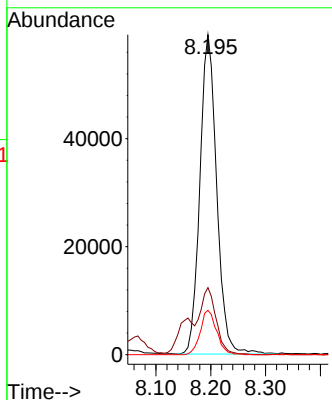
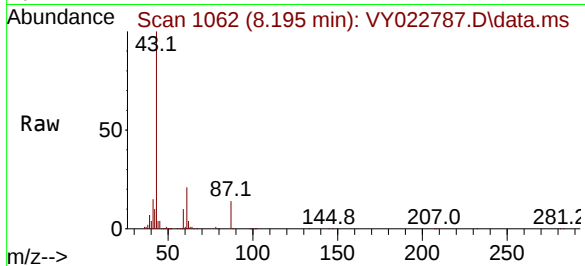




#43
Isopropyl Acetate
Concen: 19.930 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

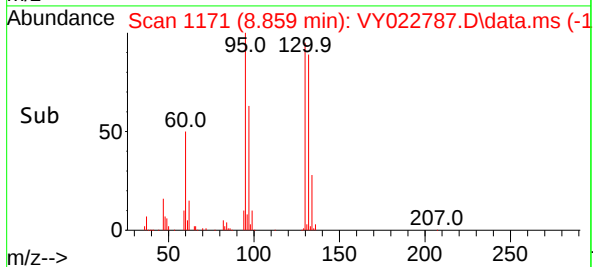
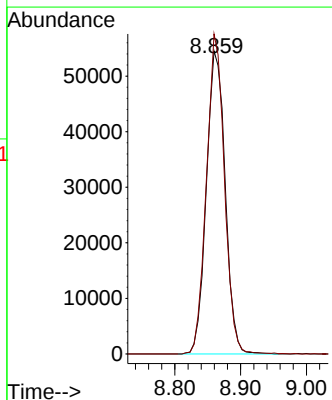
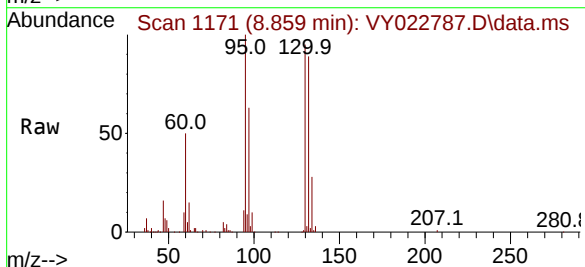
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

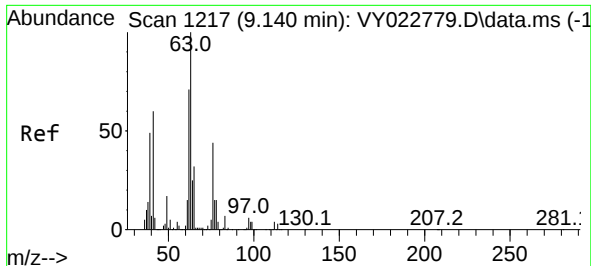
Tgt Ion: 43 Resp: 126183
Ion Ratio Lower Upper
43 100
61 19.9 15.6 23.4
87 13.4 10.2 15.4



#44
Trichloroethene
Concen: 19.929 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion:130 Resp: 108598
Ion Ratio Lower Upper
130 100
95 105.6 0.0 203.0





#45

1,2-Dichloropropane

Concen: 20.273 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

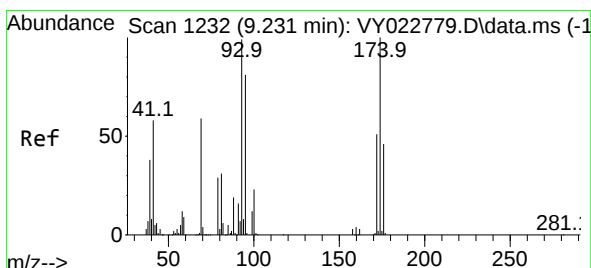
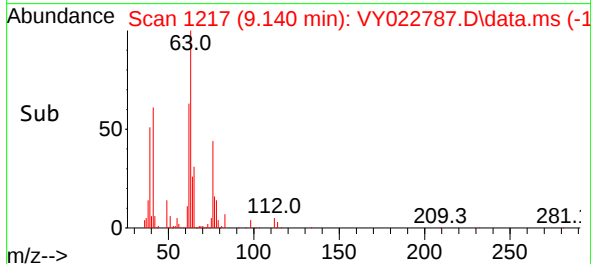
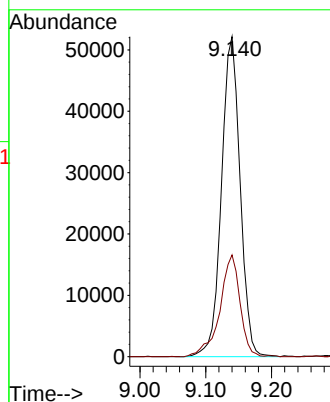
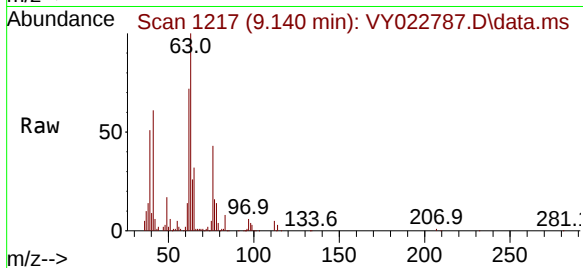
VY0624SBS01

Tgt Ion: 63 Resp: 102981

Ion Ratio Lower Upper

63 100

65 31.8 24.0 36.0



#46

Dibromomethane

Concen: 20.001 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

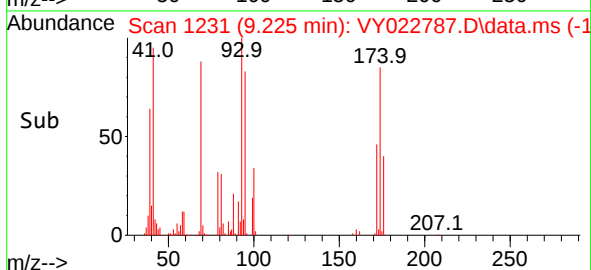
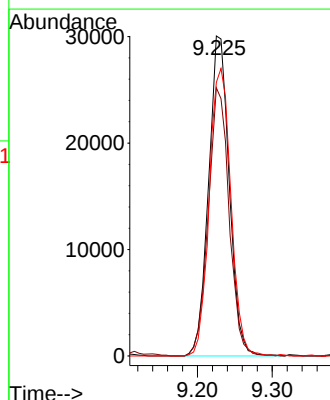
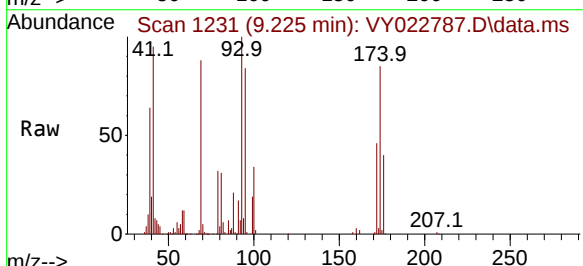
Tgt Ion: 93 Resp: 57676

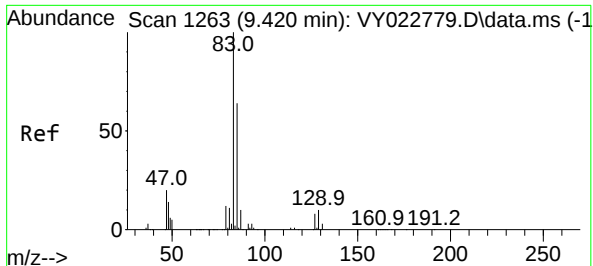
Ion Ratio Lower Upper

93 100

95 84.6 65.6 98.4

174 94.0 70.4 105.6

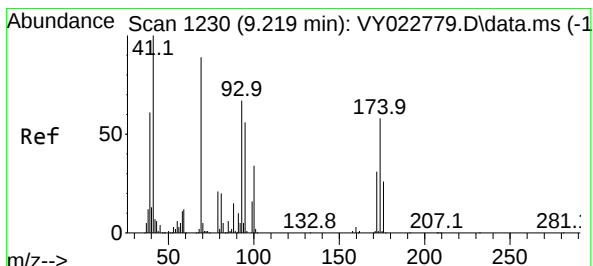
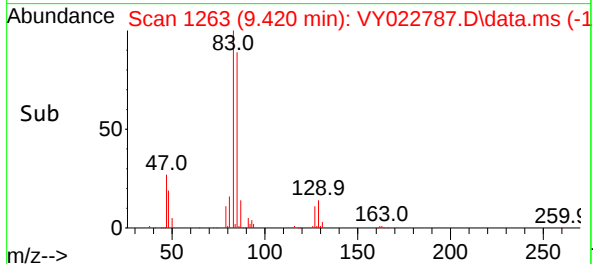
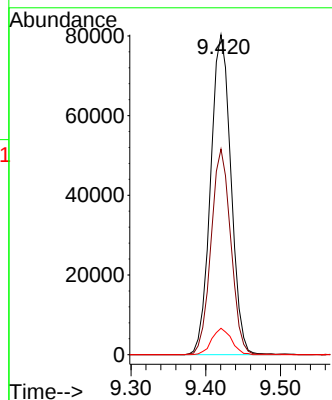
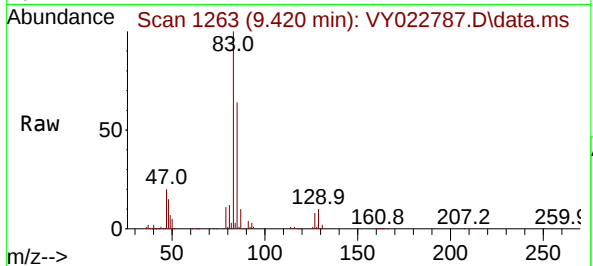




#47
Bromodichloromethane
Concen: 20.443 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

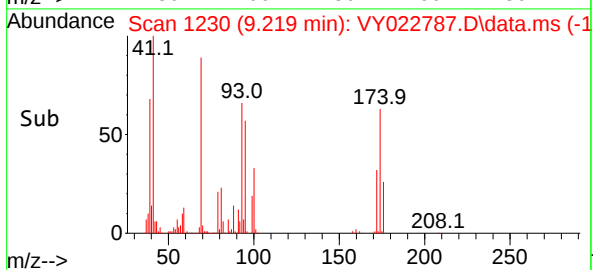
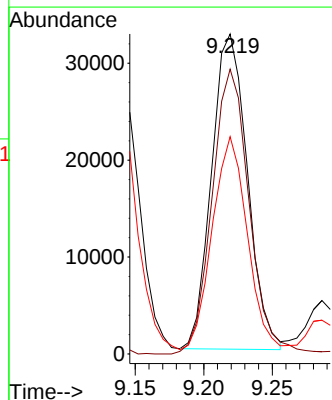
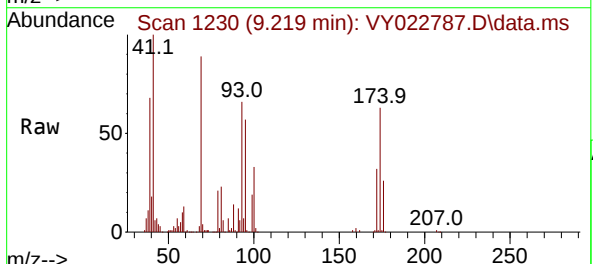
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

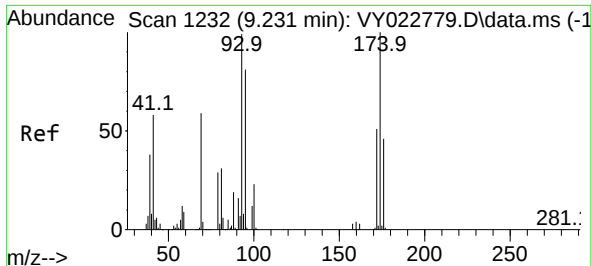
Tgt Ion: 83 Resp: 152012
Ion Ratio Lower Upper
83 100
85 64.3 49.1 73.7
127 8.3 6.2 9.4



#48
Methyl methacrylate
Concen: 19.401 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 41 Resp: 59051
Ion Ratio Lower Upper
41 100
69 94.2 67.8 101.8
39 66.3 55.0 82.4





#49

1,4-Dioxane

Concen: 403.709 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

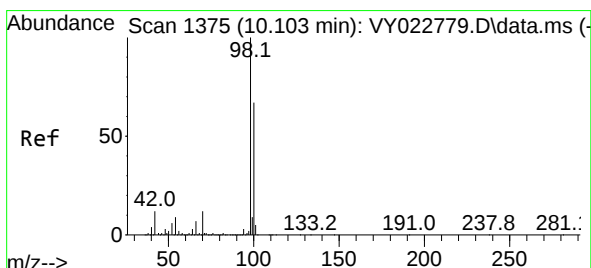
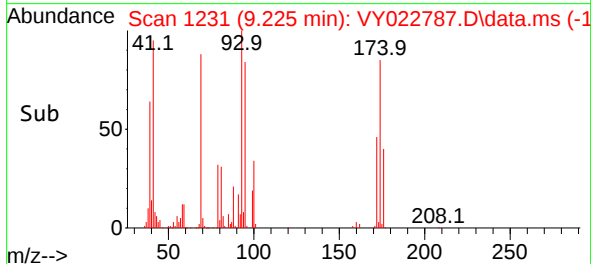
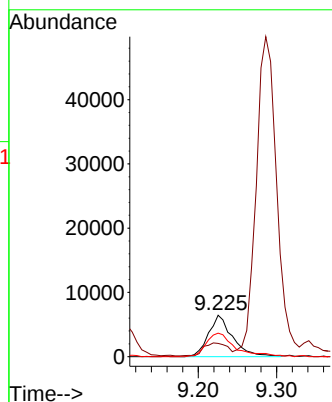
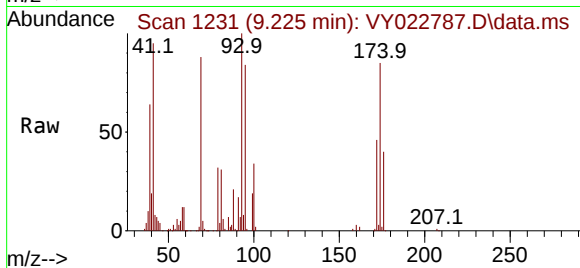
Tgt Ion: 88 Resp: 13754

Ion Ratio Lower Upper

88 100

43 30.3 25.4 38.2

58 68.0 54.9 82.3



#50

Toluene-d8

Concen: 50.720 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022787.D

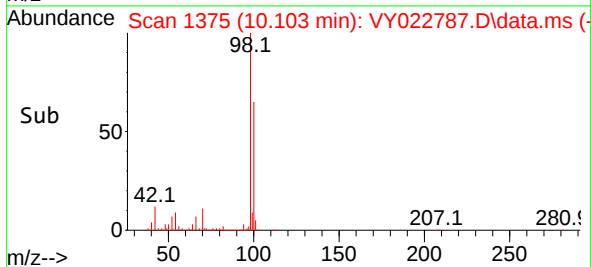
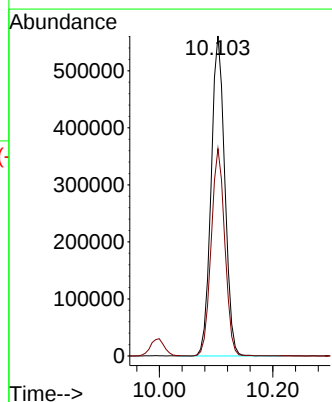
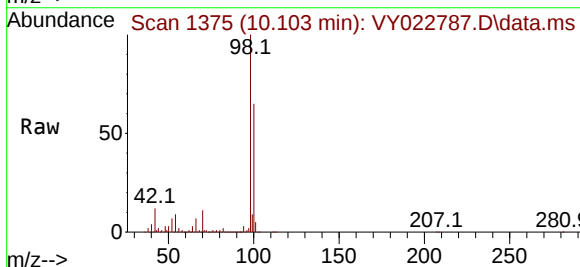
Acq: 24 Jun 2025 10:58

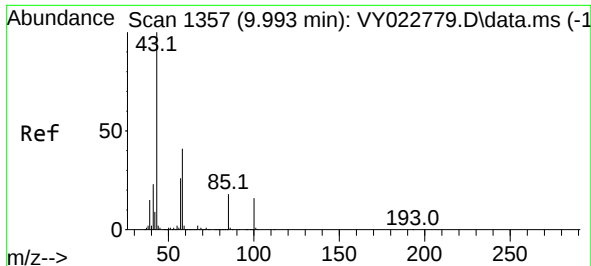
Tgt Ion: 98 Resp: 937358

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

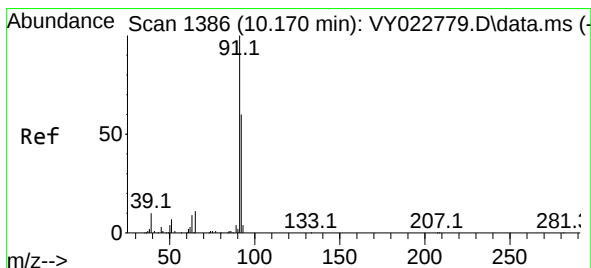
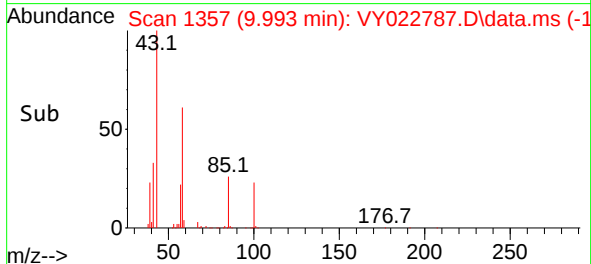
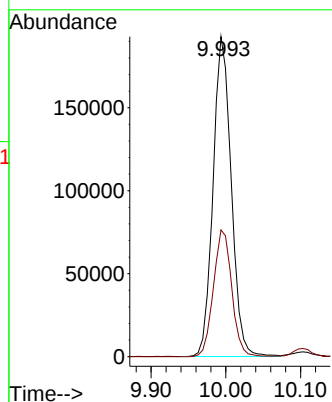
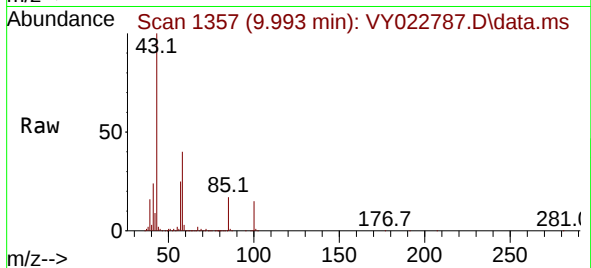




#51
4-Methyl-2-Pentanone
Concen: 101.528 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

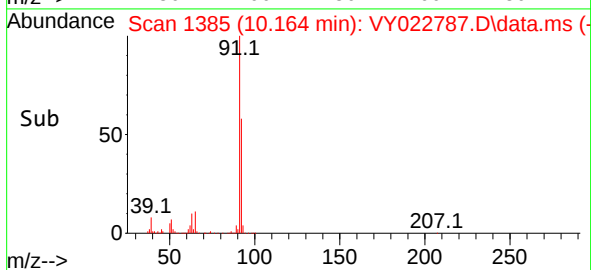
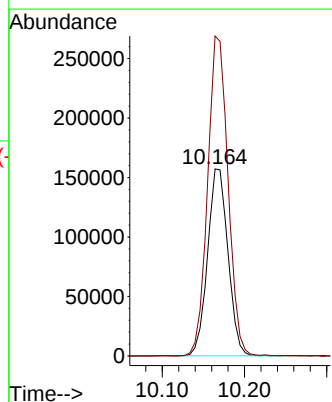
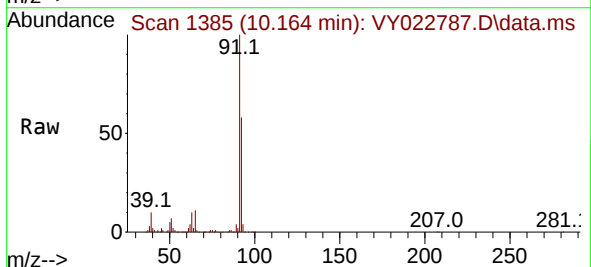
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

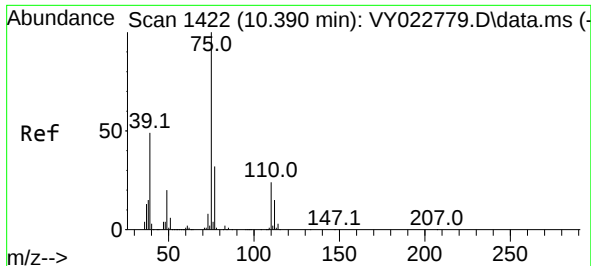
Tgt Ion: 43 Resp: 326652
Ion Ratio Lower Upper
43 100
58 40.0 30.4 45.6



#52
Toluene
Concen: 19.757 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.012 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 92 Resp: 270533
Ion Ratio Lower Upper
92 100
91 171.3 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 19.624 ug/l

RT: 10.390 min Scan# 1422

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

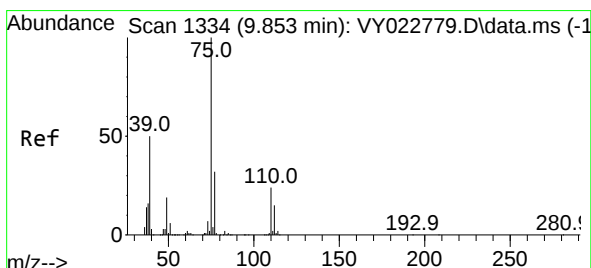
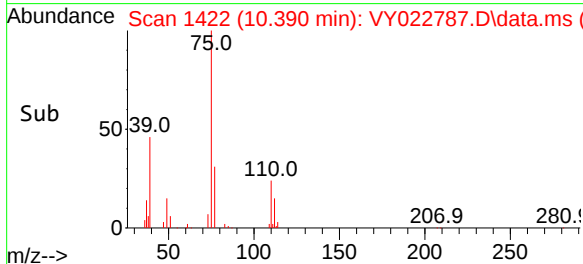
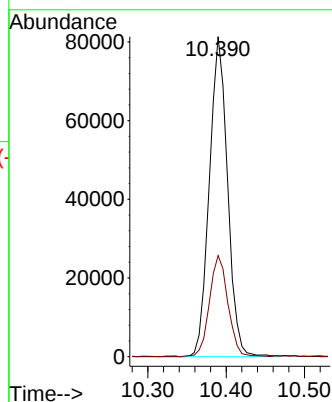
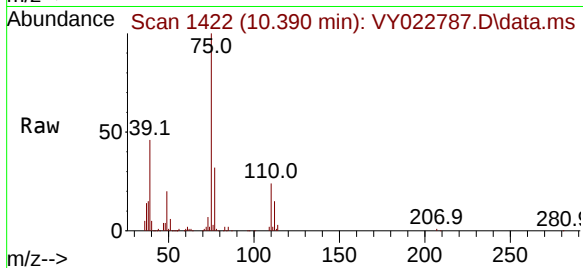
VY0624SBS01

Tgt Ion: 75 Resp: 131291

Ion Ratio Lower Upper

75 100

77 31.6 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 20.233 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

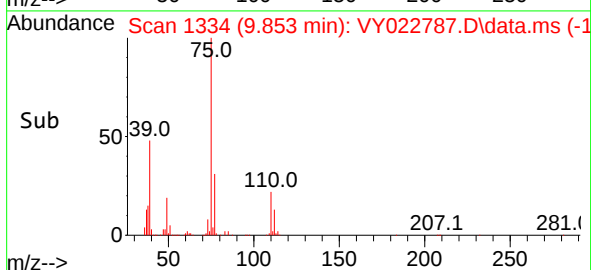
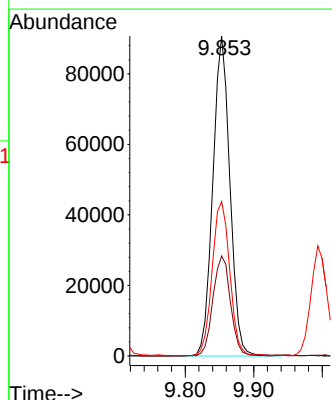
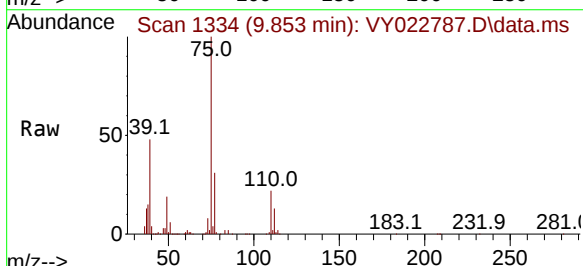
Tgt Ion: 75 Resp: 156954

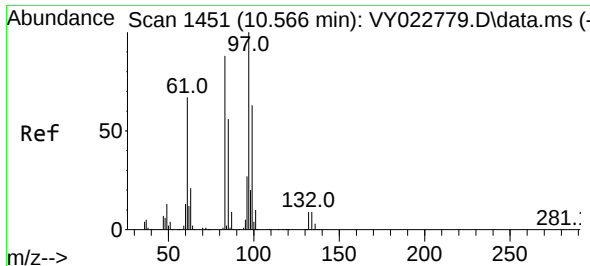
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 48.1 42.7 64.1

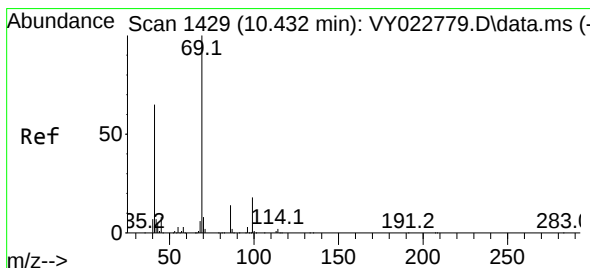
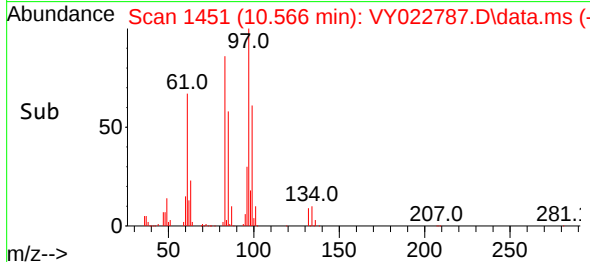
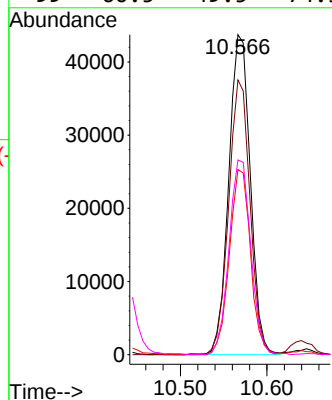
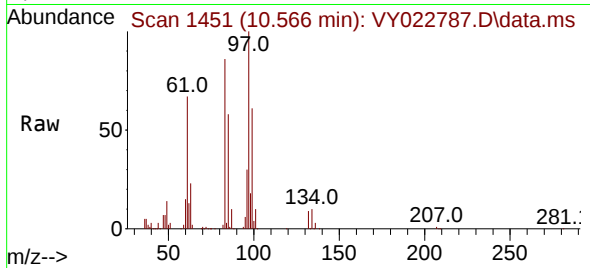




#55
1,1,2-Trichloroethane
Concen: 20.257 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

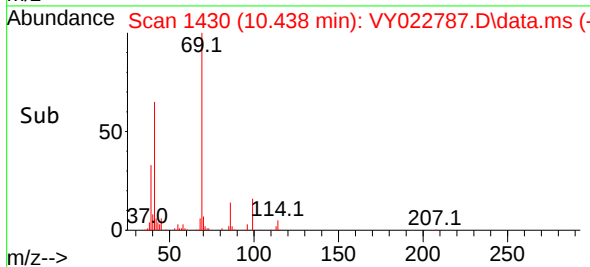
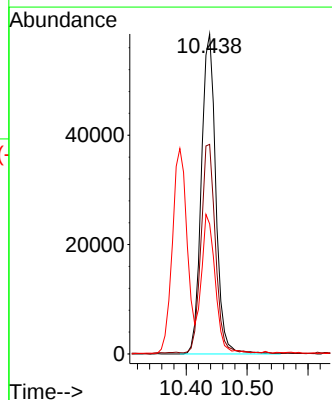
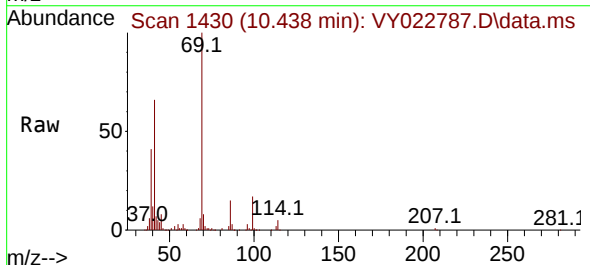
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

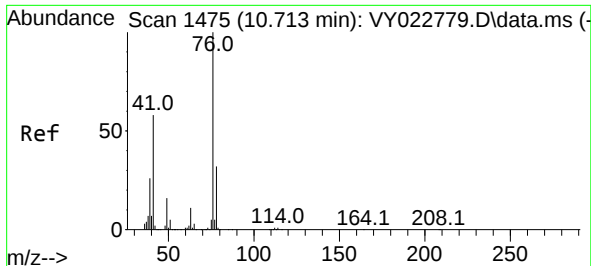
Tgt Ion: 97	Resp: 75639
Ion Ratio	Lower Upper
97 100	
83 85.9	68.1 102.1
85 57.8	48.2 72.2
99 60.5	49.5 74.3



#56
Ethyl methacrylate
Concen: 19.239 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 69	Resp: 96651
Ion Ratio	Lower Upper
69 100	
41 64.8	52.2 78.2
39 41.1	36.7 55.1





#57

1,3-Dichloropropane

Concen: 20.079 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

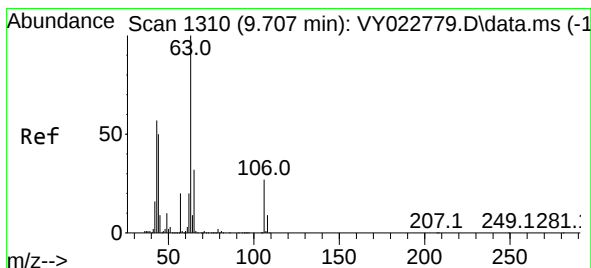
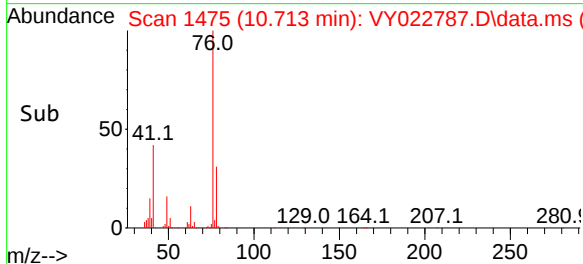
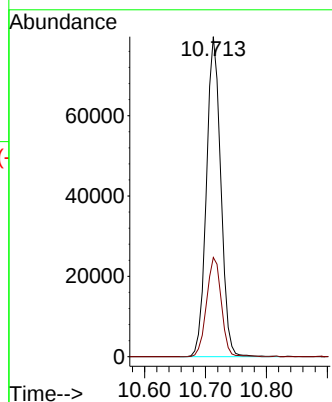
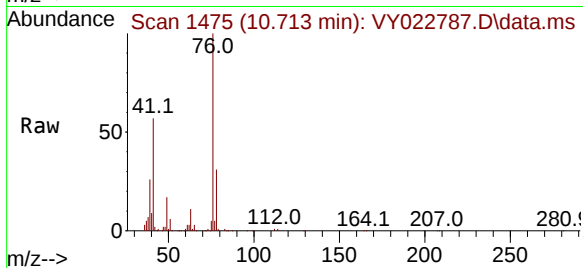
VY0624SBS01

Tgt Ion: 76 Resp: 130811

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 99.871 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022787.D

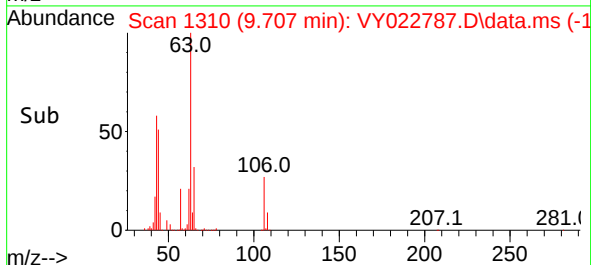
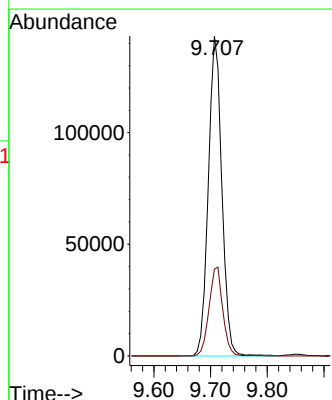
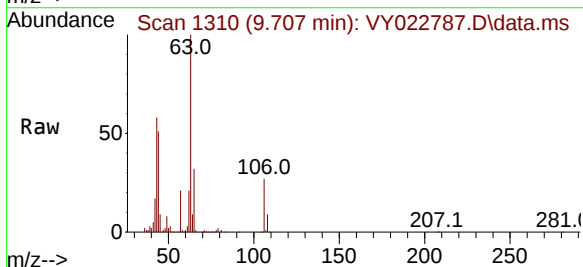
Acq: 24 Jun 2025 10:58

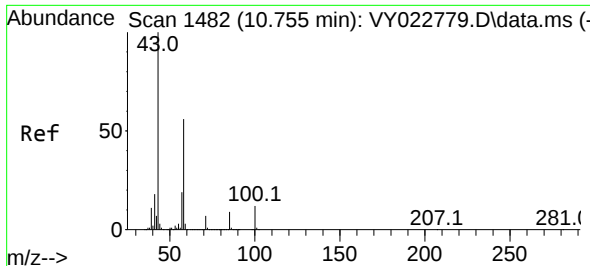
Tgt Ion: 63 Resp: 237217

Ion Ratio Lower Upper

63 100

106 28.1 21.6 32.4

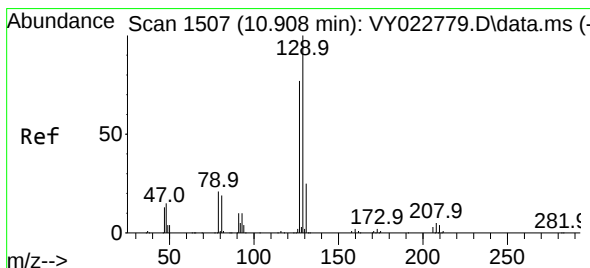
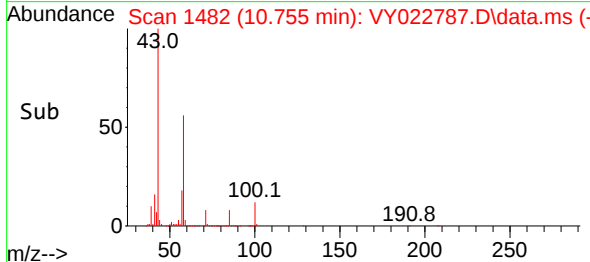
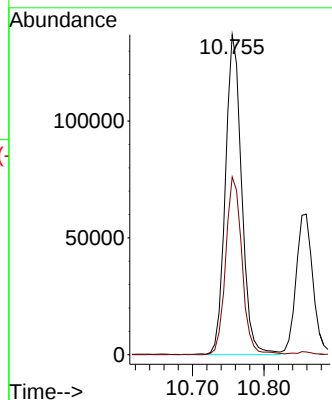
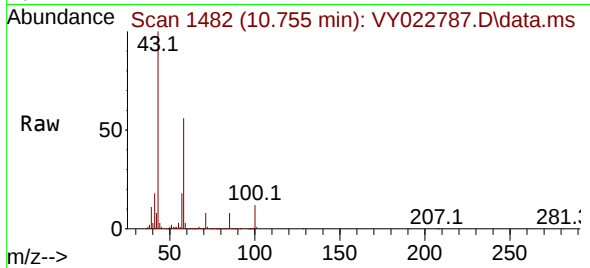




#59
2-Hexanone
Concen: 98.645 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

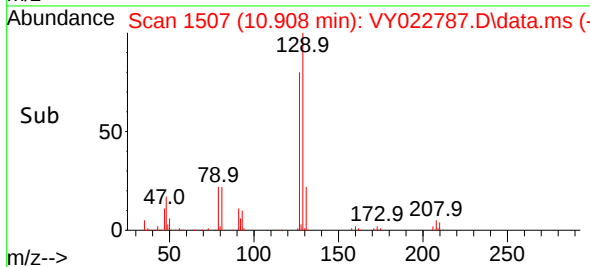
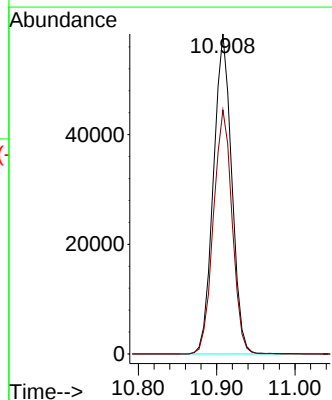
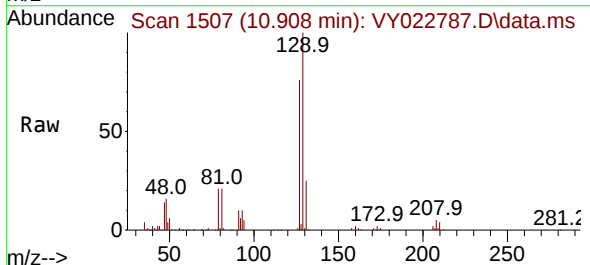
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

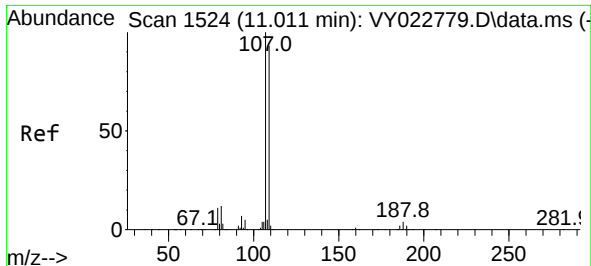
Tgt Ion: 43 Resp: 215777
Ion Ratio Lower Upper
43 100
58 55.8 27.3 81.8



#60
Dibromochloromethane
Concen: 19.641 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 129 Resp: 94732
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2

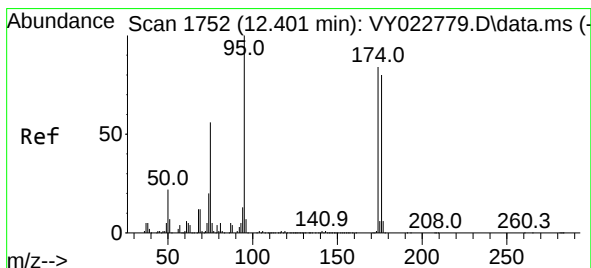
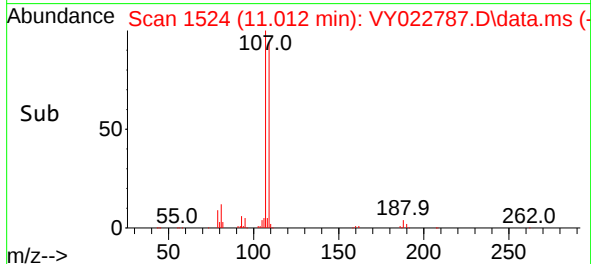
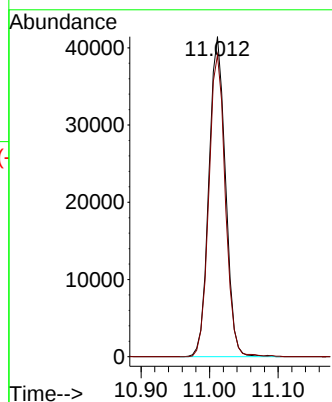
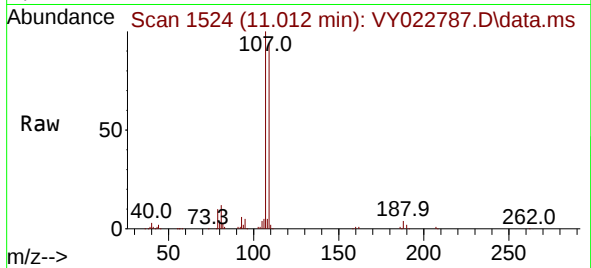




#61
1,2-Dibromoethane
Concen: 19.969 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

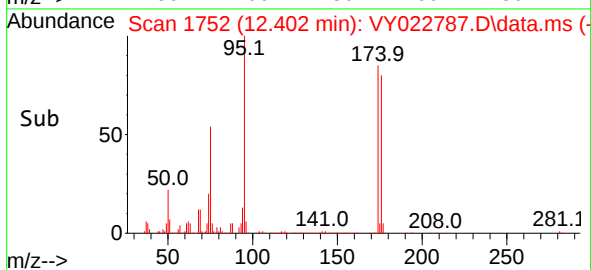
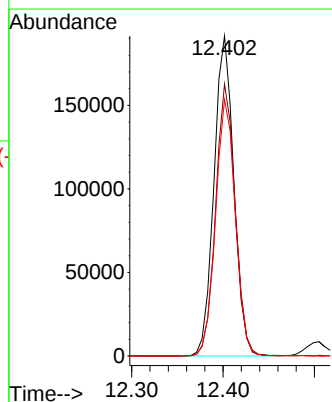
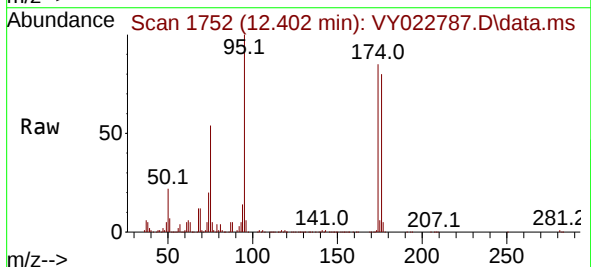
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

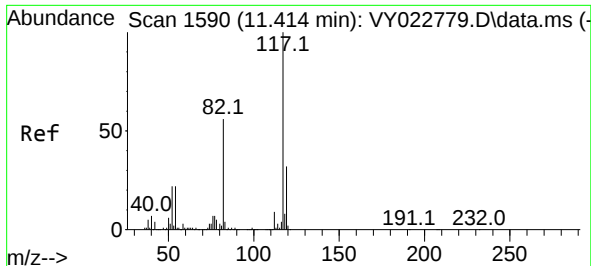
Tgt Ion:107 Resp: 69777
Ion Ratio Lower Upper
107 100
109 93.7 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 48.536 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 95 Resp: 288353
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.0
176 80.0 0.0 166.2

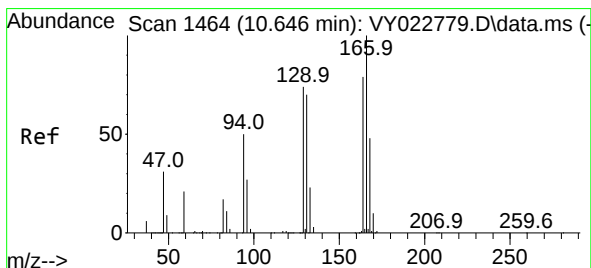
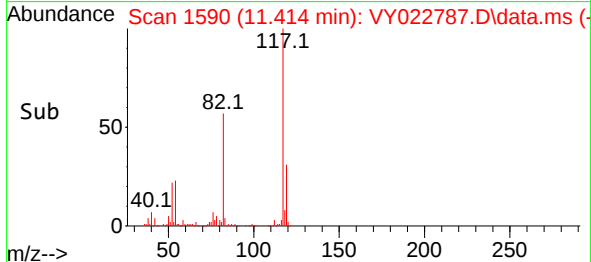
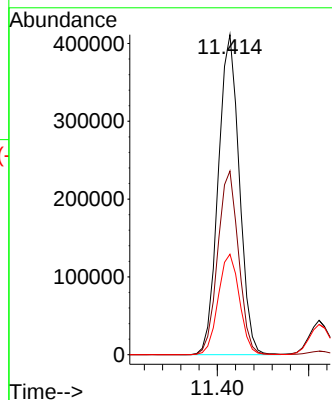
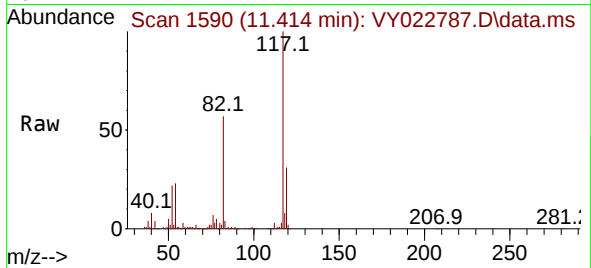




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

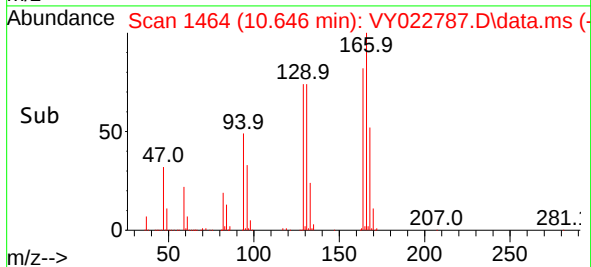
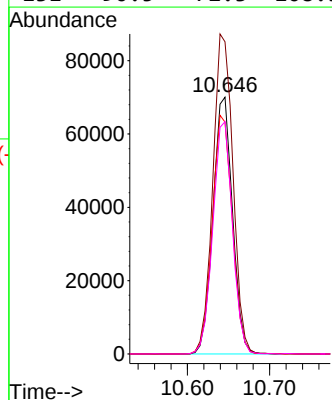
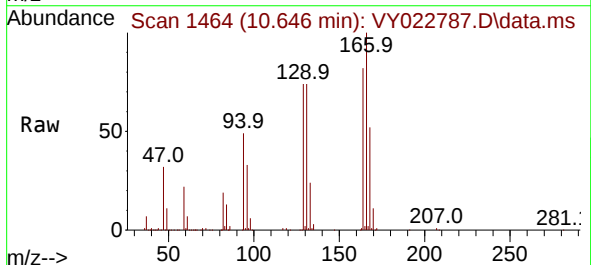
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

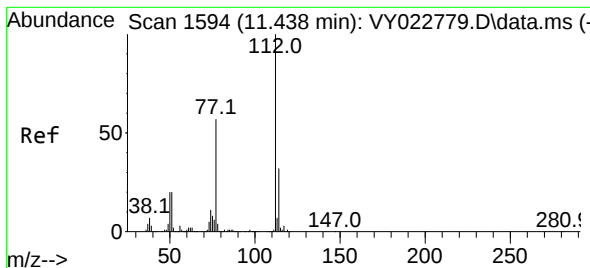
Tgt Ion:117 Resp: 658494
Ion Ratio Lower Upper
117 100
82 57.4 44.6 66.8
119 31.4 25.4 38.0



#64
Tetrachloroethene
Concen: 18.583 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion:164 Resp: 115603
Ion Ratio Lower Upper
164 100
166 121.6 104.0 156.0
129 90.3 74.5 111.7
131 90.5 72.3 108.5

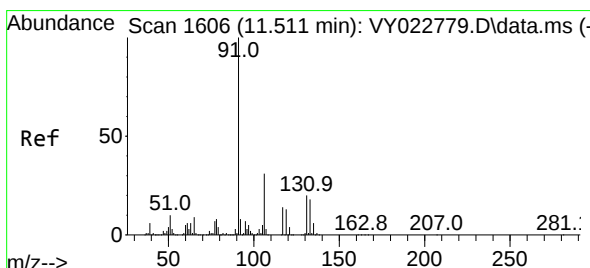
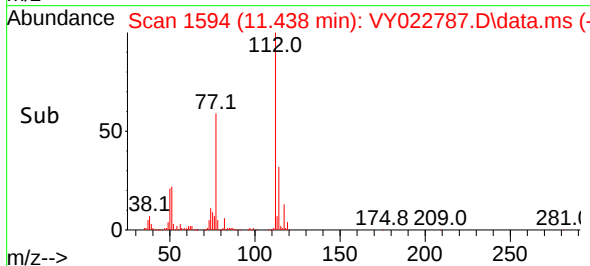
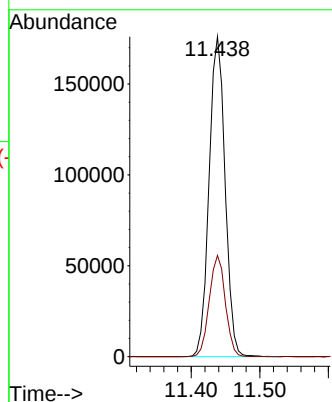
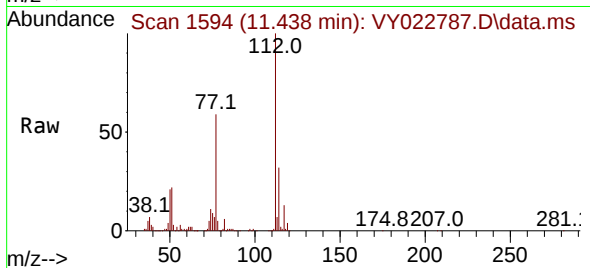




#65
Chlorobenzene
Concen: 19.741 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

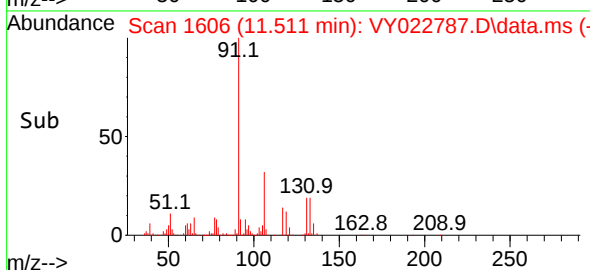
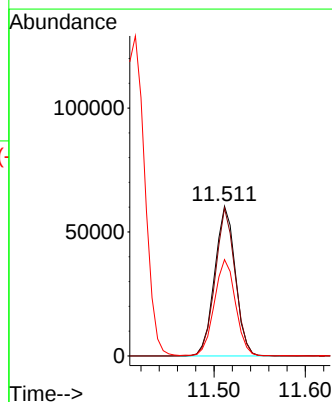
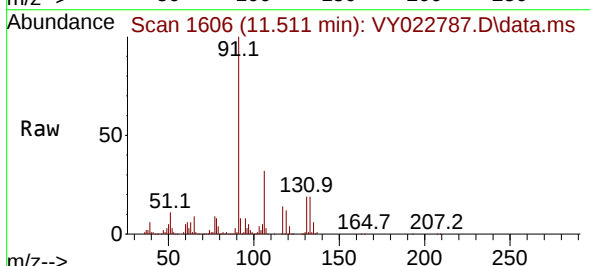
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

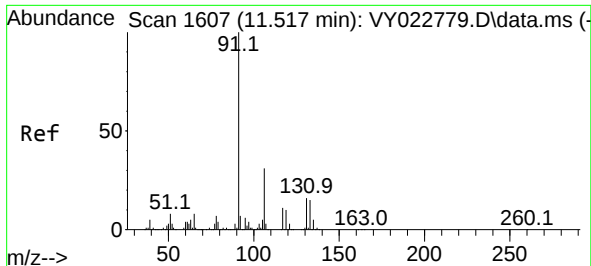
Tgt Ion:112 Resp: 285635
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.373 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion:131 Resp: 94942
Ion Ratio Lower Upper
131 100
133 95.9 47.3 141.8
119 66.0 33.1 99.3





#67

Ethyl Benzene

Concen: 19.469 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

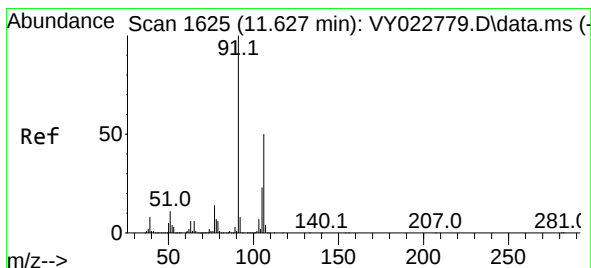
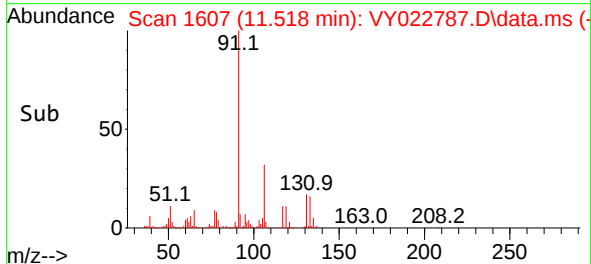
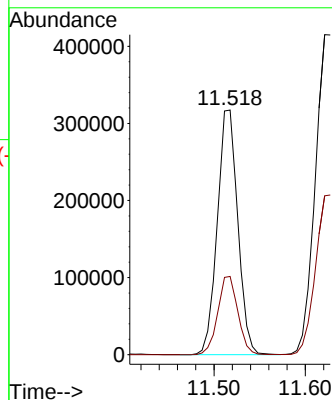
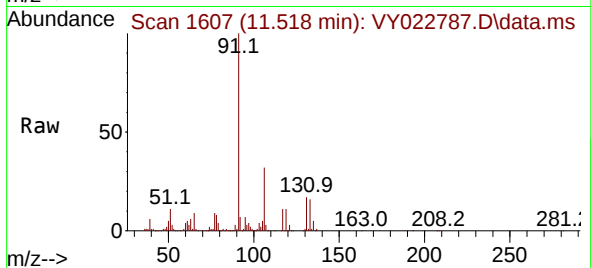
VY0624SBS01

Tgt Ion: 91 Resp: 494938

Ion Ratio Lower Upper

91 100

106 32.0 24.2 36.4



#68

m/p-Xylenes

Concen: 38.976 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022787.D

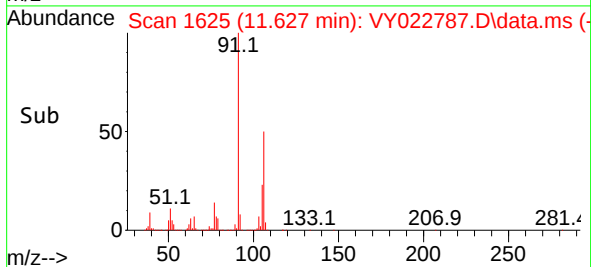
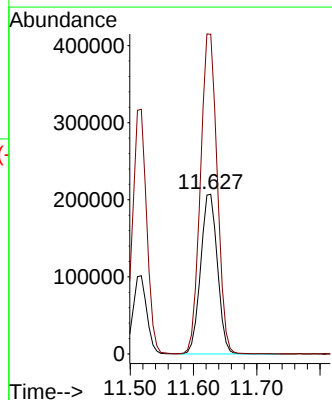
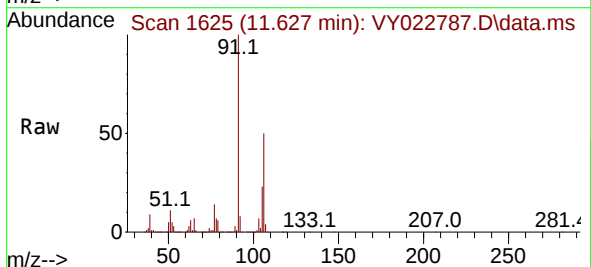
Acq: 24 Jun 2025 10:58

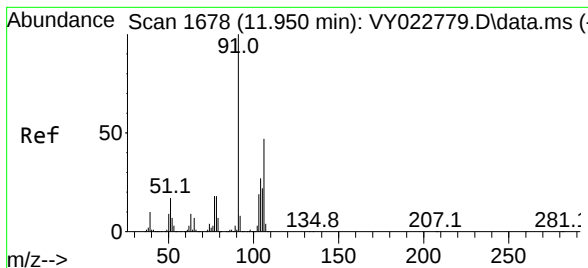
Tgt Ion:106 Resp: 383028

Ion Ratio Lower Upper

106 100

91 199.8 159.4 239.0

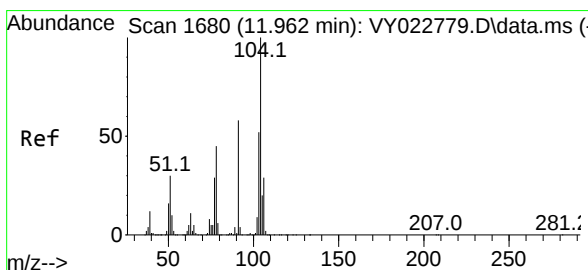
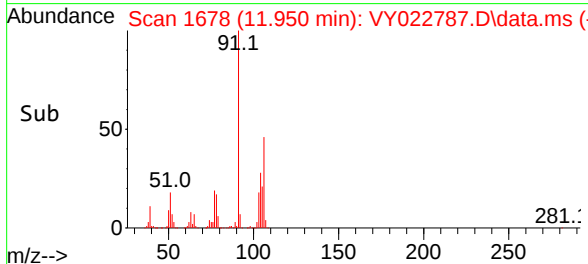
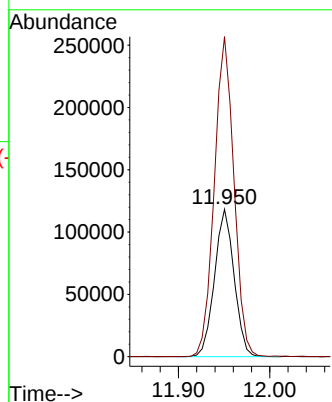
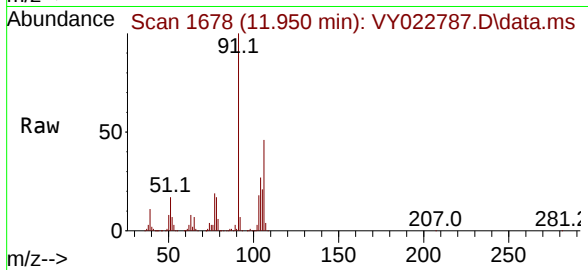




#69
o-Xylene
Concen: 19.033 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

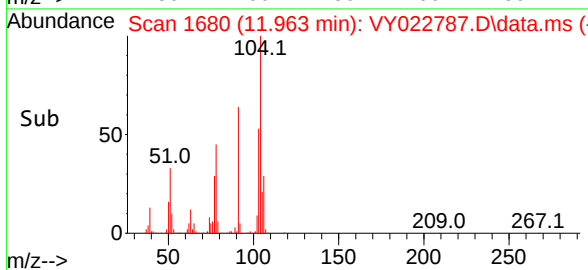
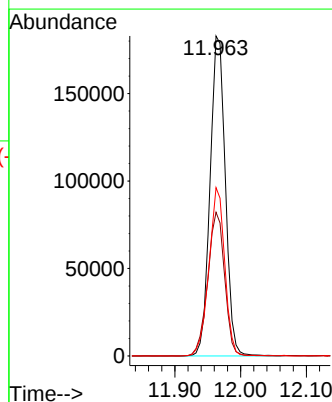
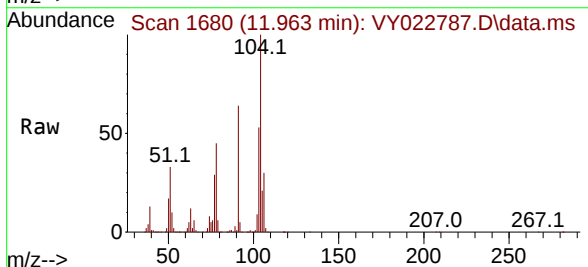
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

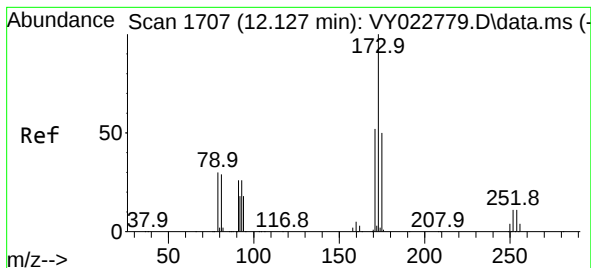
Tgt Ion:106 Resp: 176241
Ion Ratio Lower Upper
106 100
91 217.8 105.8 317.3



#70
Styrene
Concen: 19.104 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion:104 Resp: 296321
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 54.6 44.1 66.1





#71

Bromoform

Concen: 18.830 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

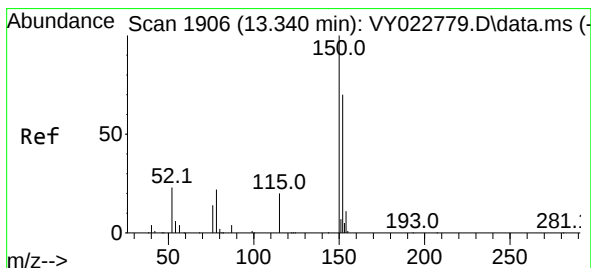
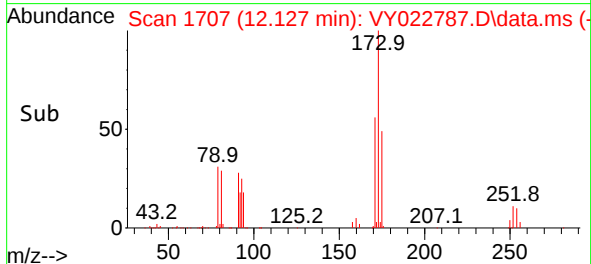
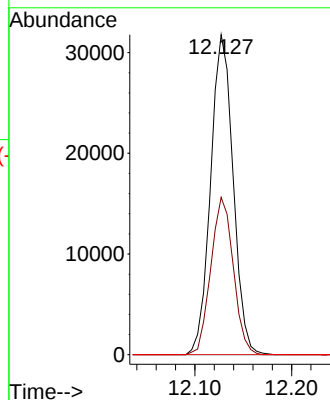
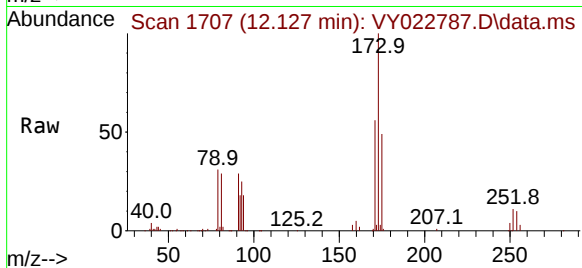
Tgt Ion:173 Resp: 51385

Ion Ratio Lower Upper

173 100

175 49.0 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

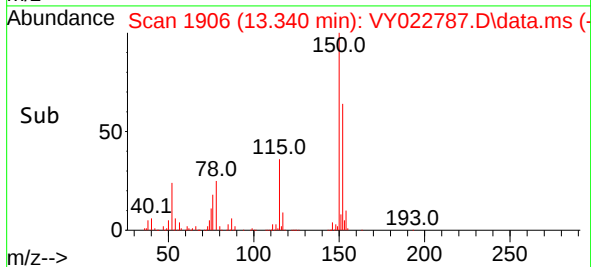
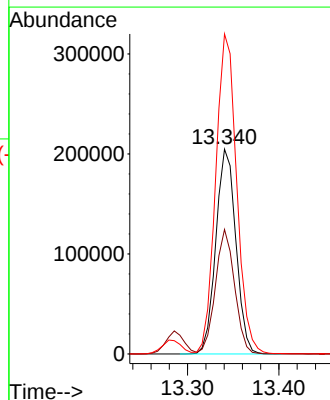
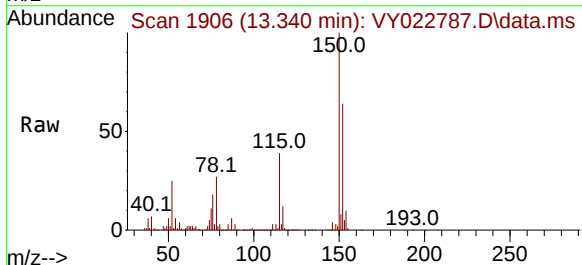
Tgt Ion:152 Resp: 311846

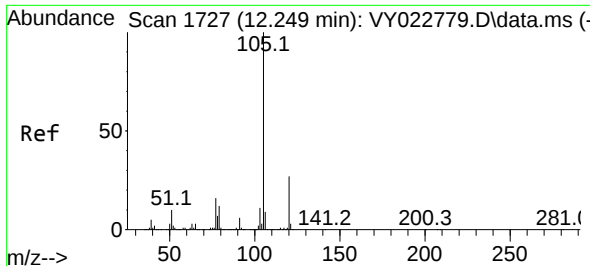
Ion Ratio Lower Upper

152 100

115 58.2 28.9 86.7

150 163.8 0.0 349.6

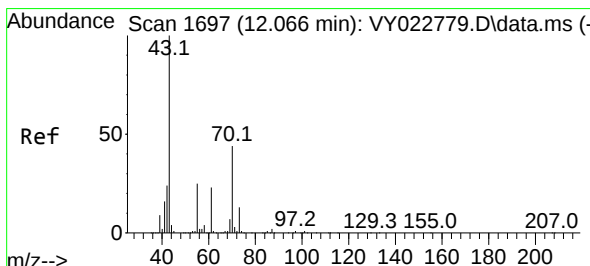
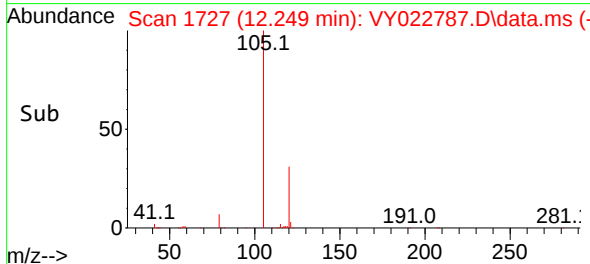
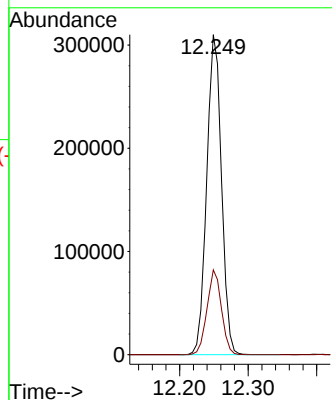
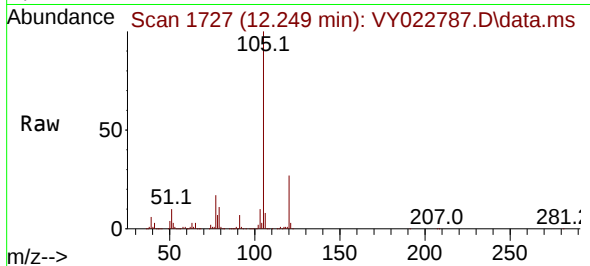




#73
Isopropylbenzene
Concen: 20.121 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

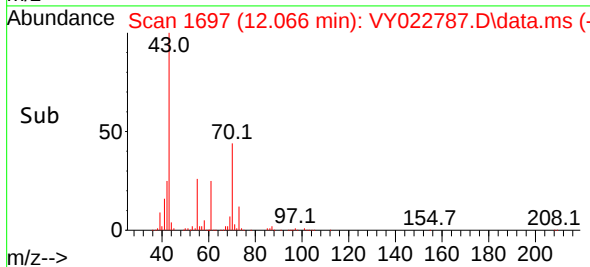
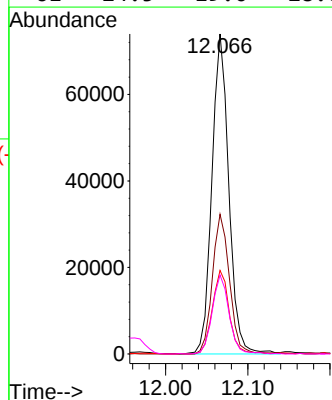
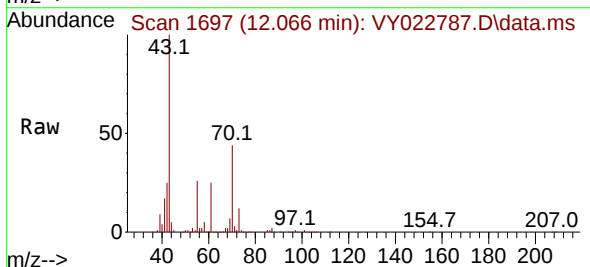
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

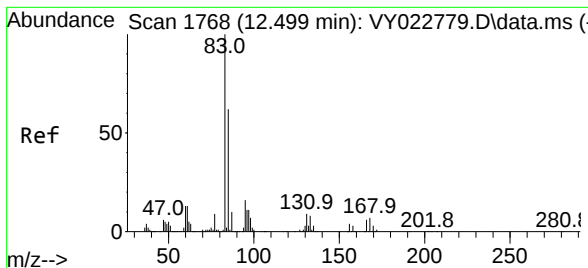
Tgt Ion:105 Resp: 464061
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 20.459 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 43 Resp: 105914
Ion Ratio Lower Upper
43 100
70 44.4 34.2 51.2
55 26.1 18.2 27.4
61 24.5 19.0 28.6

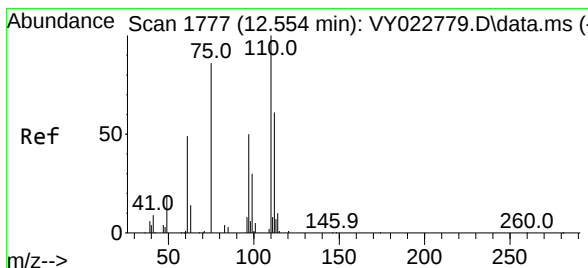
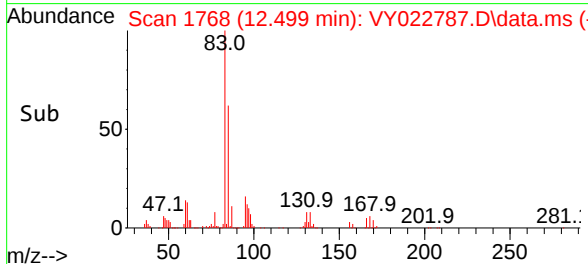
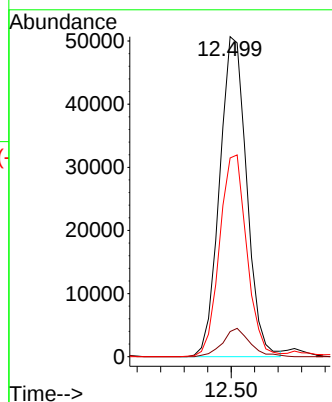
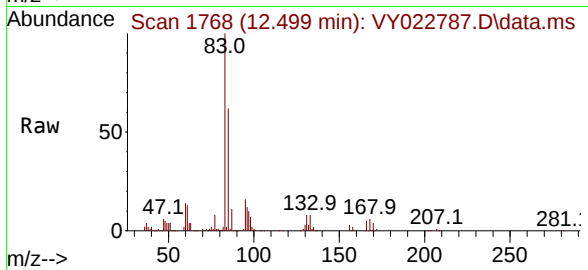




#75
1,1,2,2-Tetrachloroethane
Concen: 21.826 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

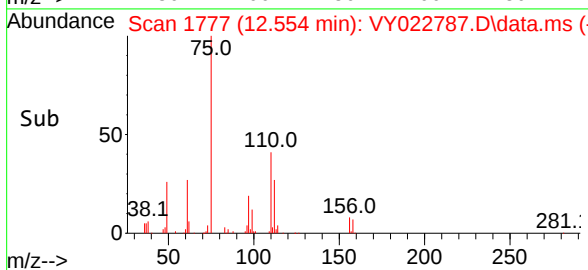
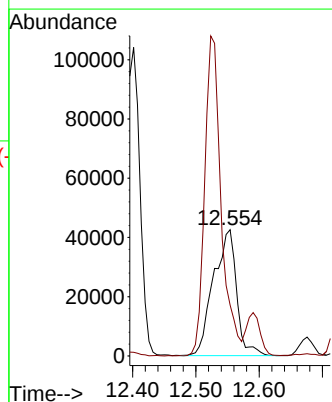
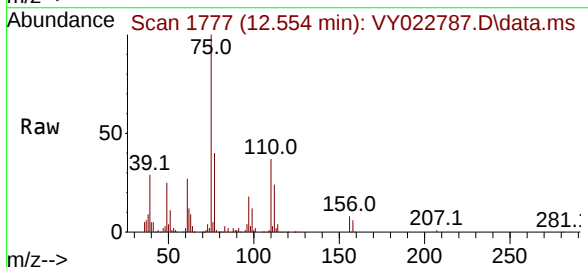
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

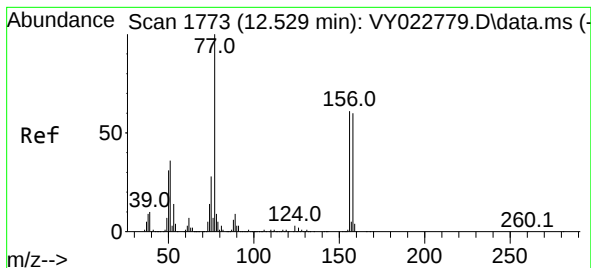
Tgt Ion: 83 Resp: 81128
Ion Ratio Lower Upper
83 100
131 9.0 4.9 14.7
85 63.5 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 33.824 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 75 Resp: 107685
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.834 ug/l

RT: 12.523 min Scan# 1772

Delta R.T. -0.012 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

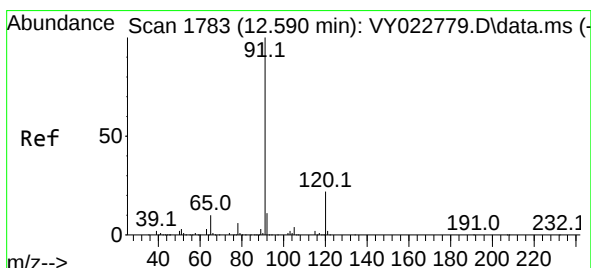
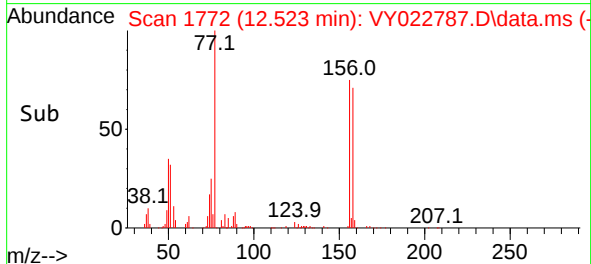
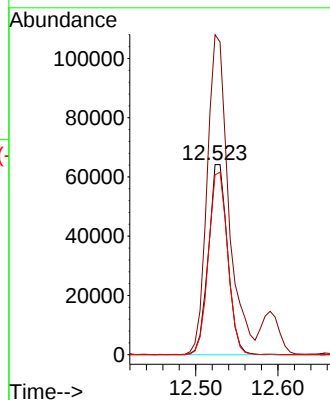
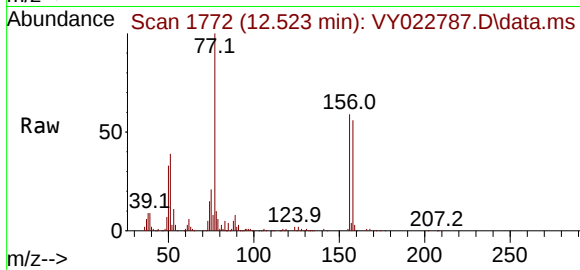
Tgt Ion:156 Resp: 103685

Ion Ratio Lower Upper

156 100

77 188.9 94.0 282.1

158 96.3 48.2 144.6



#78

n-propylbenzene

Concen: 20.256 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022787.D

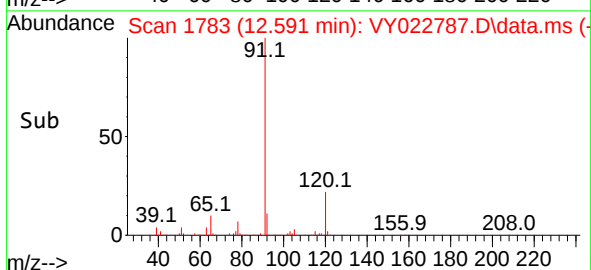
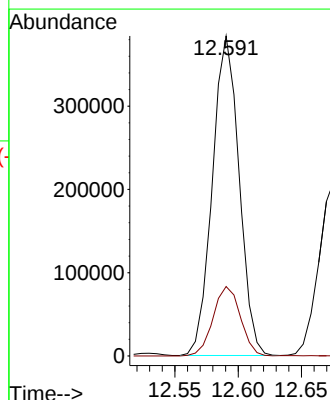
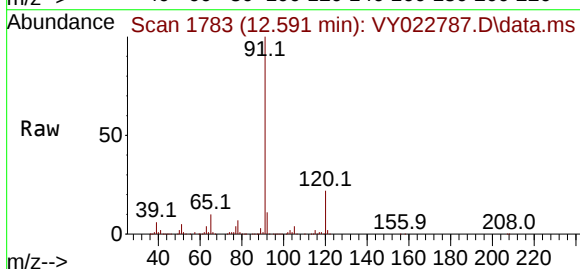
Acq: 24 Jun 2025 10:58

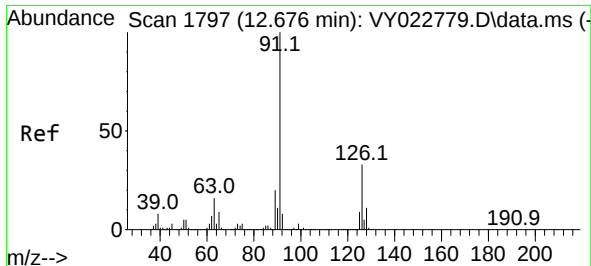
Tgt Ion: 91 Resp: 564023

Ion Ratio Lower Upper

91 100

120 22.2 10.8 32.4

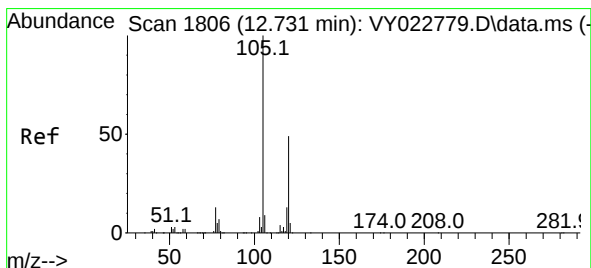
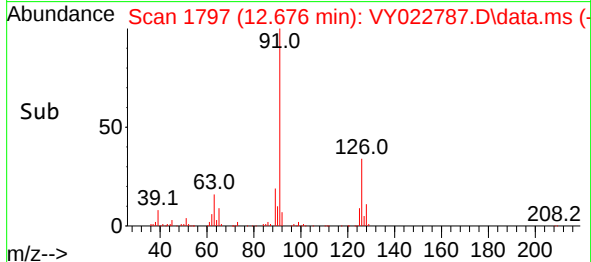
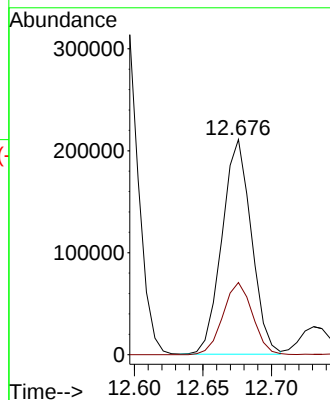
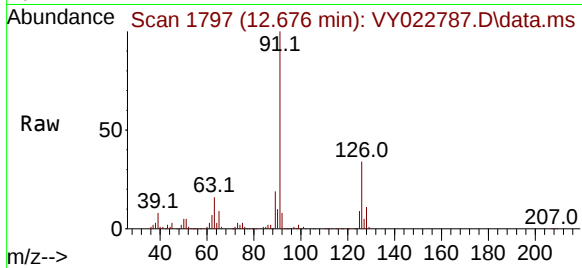




#79
2-Chlorotoluene
Concen: 20.020 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

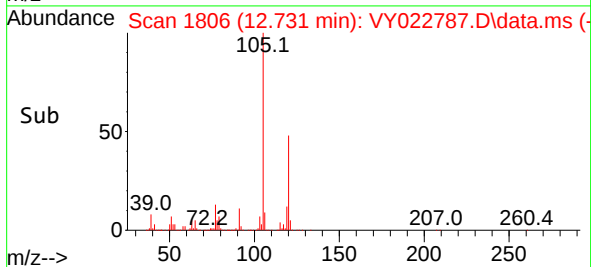
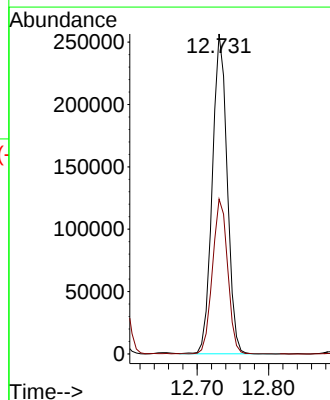
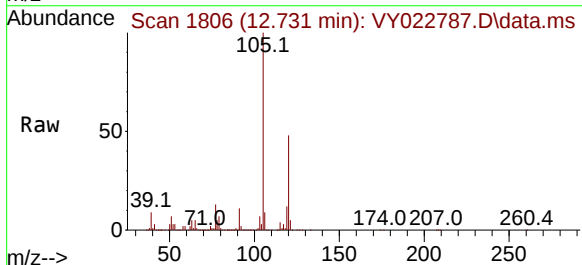
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

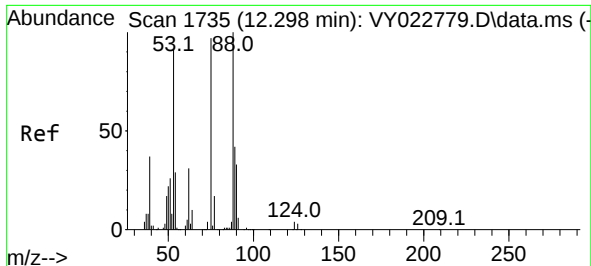
Tgt Ion: 91 Resp: 314954
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 19.889 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 105 Resp: 370288
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.4

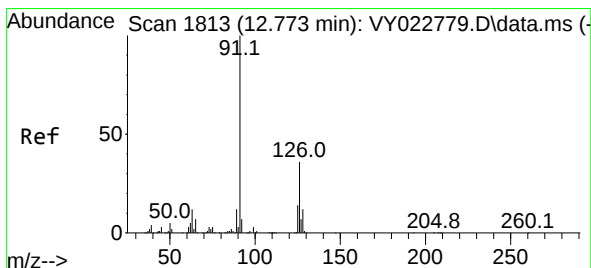
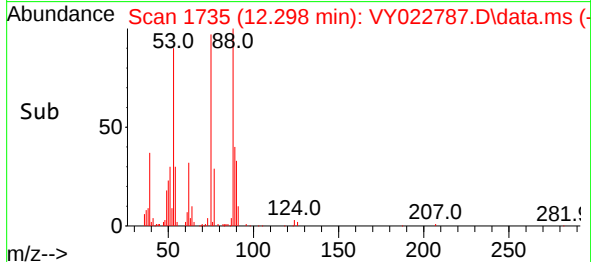
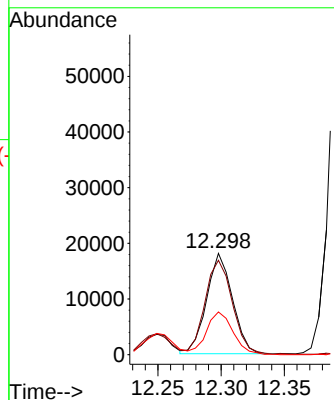
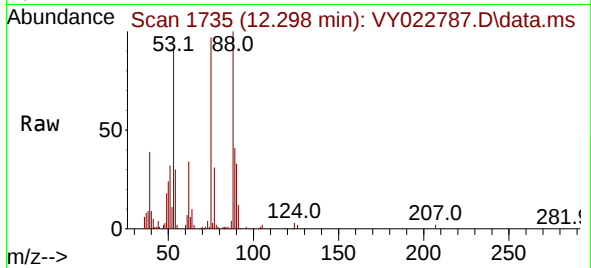




#81
trans-1,4-Dichloro-2-butene
Concen: 20.346 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

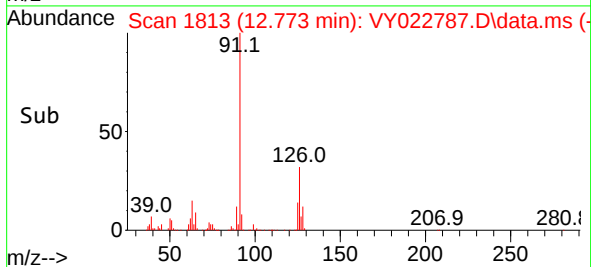
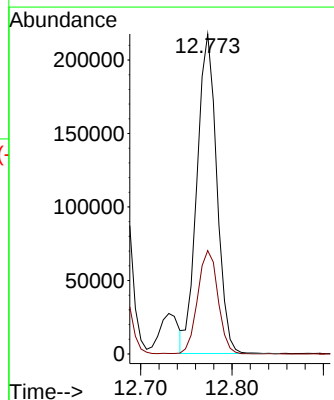
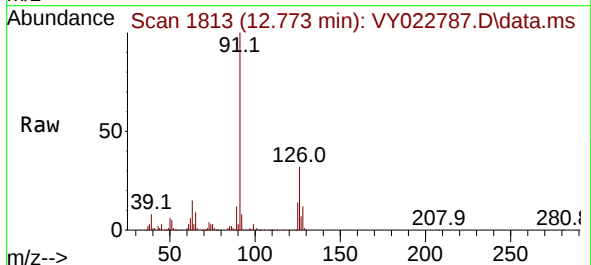
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

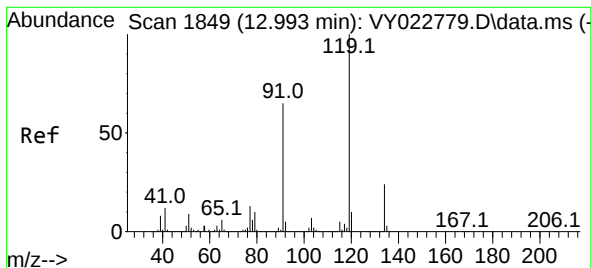
Tgt Ion: 75 Resp: 25639
Ion Ratio Lower Upper
75 100
53 100.5 78.5 117.7
89 43.9 35.7 53.5



#82
4-Chlorotoluene
Concen: 19.758 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022787.D
Acq: 24 Jun 2025 10:58

Tgt Ion: 91 Resp: 326505
Ion Ratio Lower Upper
91 100
126 33.3 17.0 50.9





#83

tert-Butylbenzene

Concen: 19.940 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

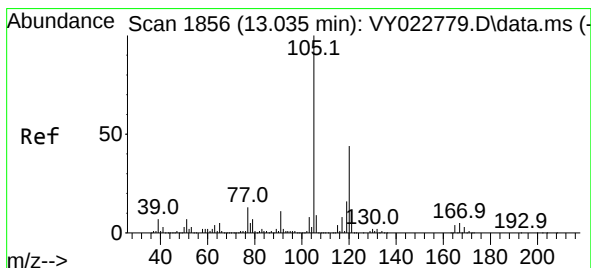
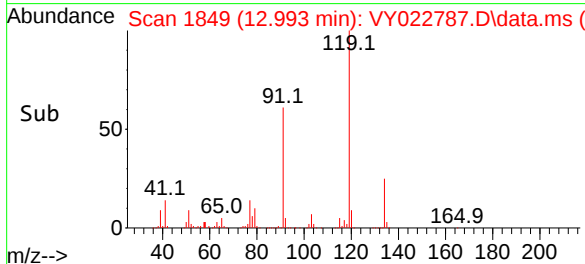
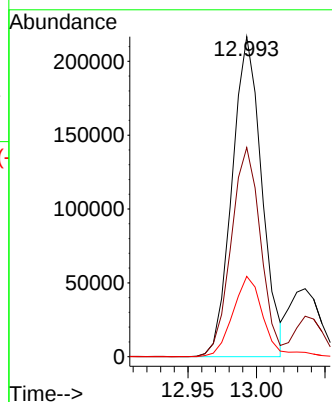
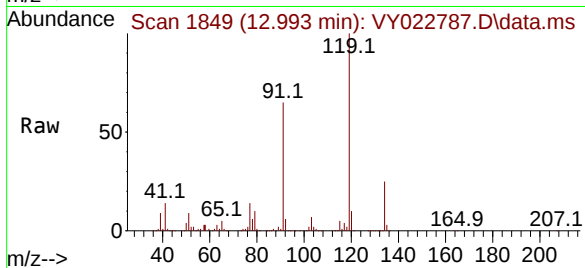
Tgt Ion:119 Resp: 327400

Ion Ratio Lower Upper

119 100

91 65.0 32.1 96.3

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.754 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. -0.006 min

Lab File: VY022787.D

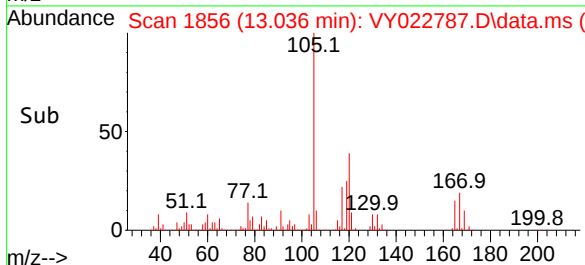
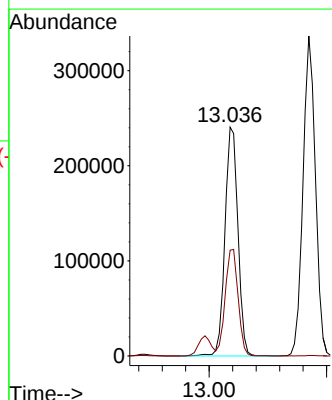
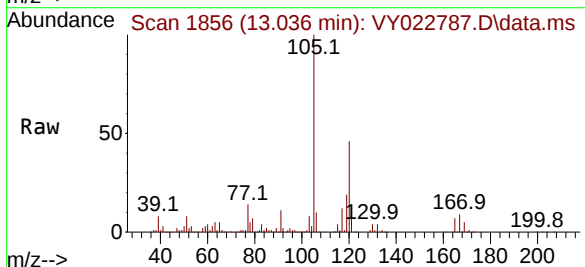
Acq: 24 Jun 2025 10:58

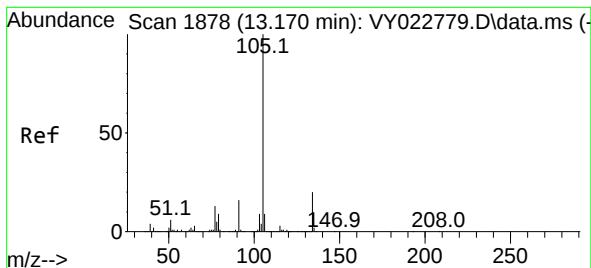
Tgt Ion:105 Resp: 368212

Ion Ratio Lower Upper

105 100

120 46.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.902 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

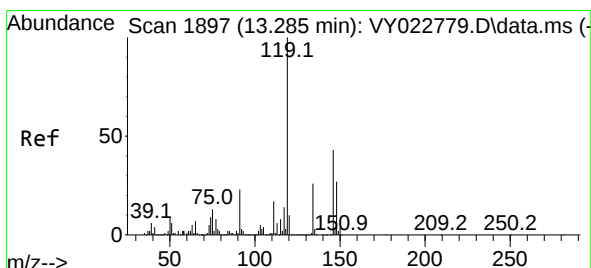
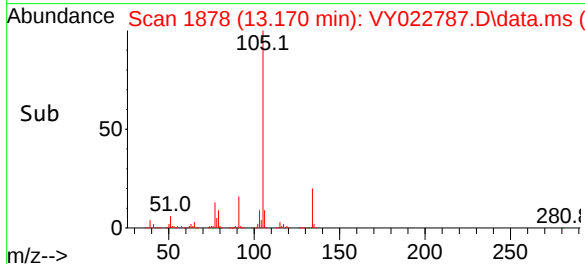
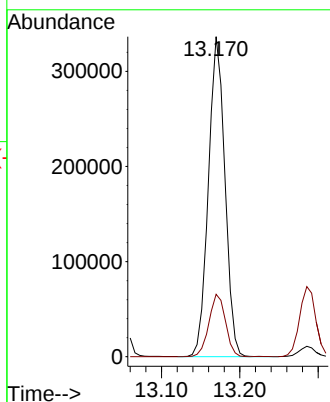
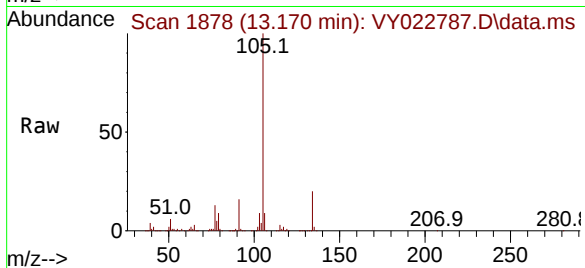
VY0624SBS01

Tgt Ion:105 Resp: 491676

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.731 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

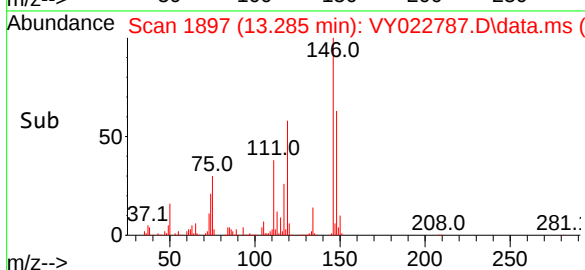
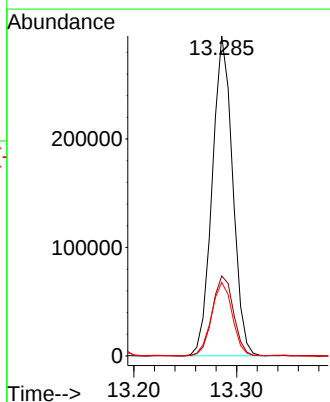
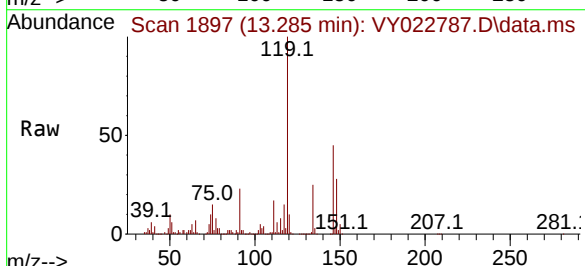
Tgt Ion:119 Resp: 405641

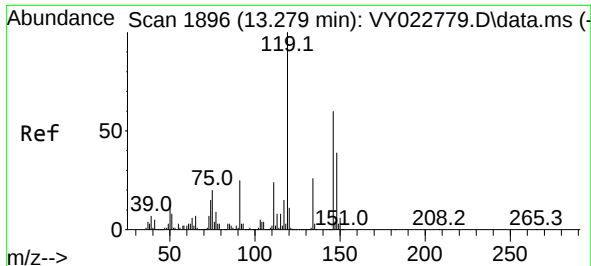
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.5 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 19.706 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

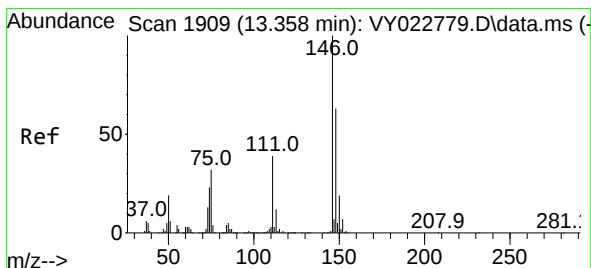
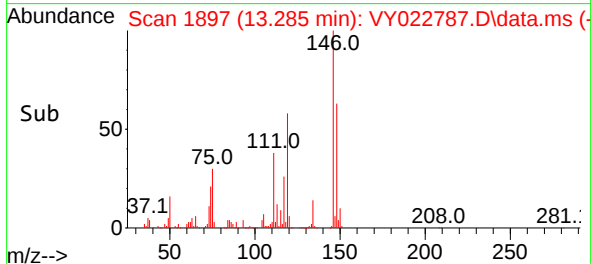
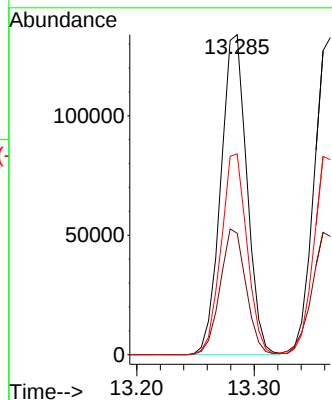
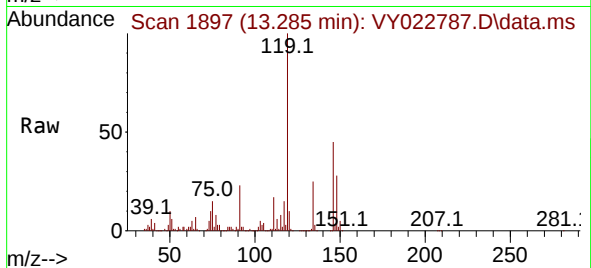
Tgt Ion:146 Resp: 206895

Ion Ratio Lower Upper

146 100

111 39.0 20.1 60.2

148 62.6 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 19.483 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

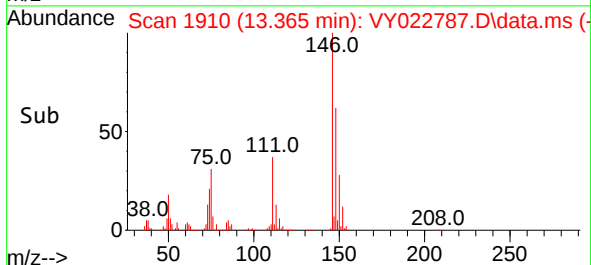
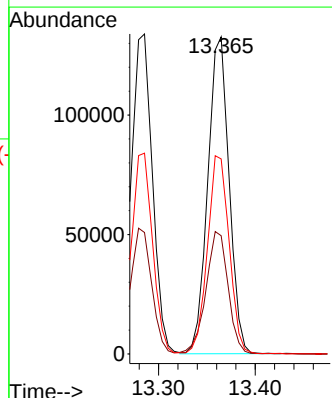
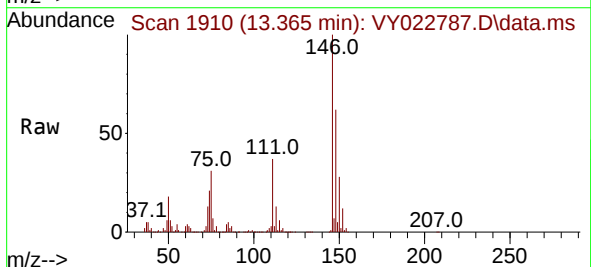
Tgt Ion:146 Resp: 203188

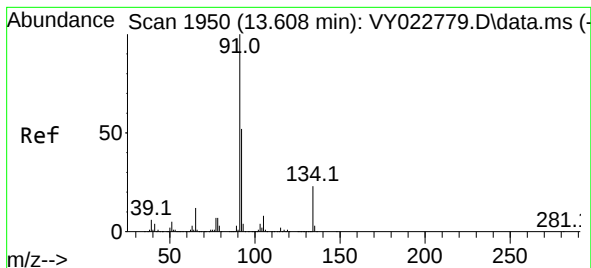
Ion Ratio Lower Upper

146 100

111 40.1 19.4 58.2

148 63.4 31.6 94.8





#89

n-Butylbenzene

Concen: 19.593 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

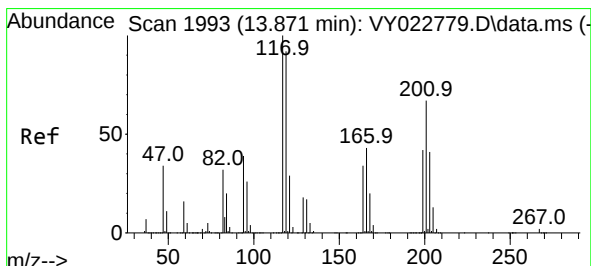
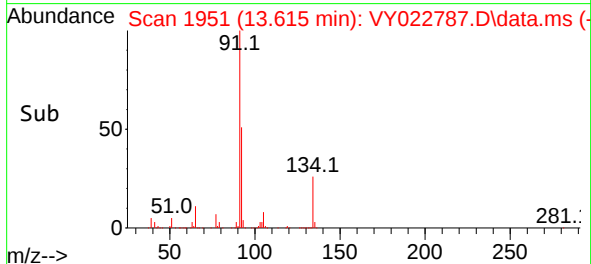
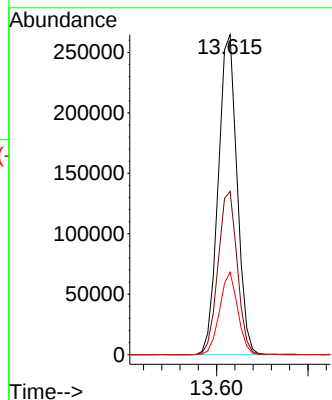
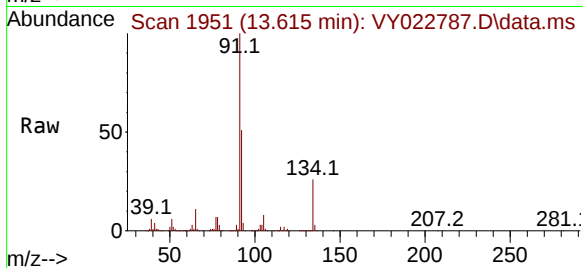
Tgt Ion: 91 Resp: 378895

Ion Ratio Lower Upper

91 100

92 52.1 25.9 77.8

134 24.8 12.0 36.1



#90

Hexachloroethane

Concen: 20.390 ug/l

RT: 13.871 min Scan# 1993

Delta R.T. -0.012 min

Lab File: VY022787.D

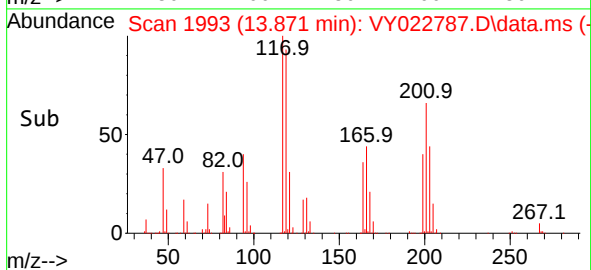
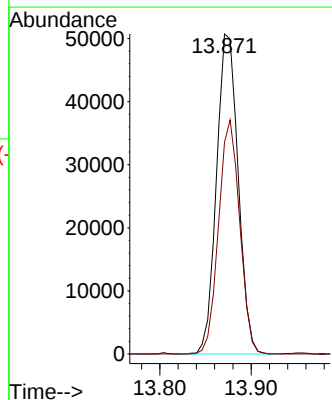
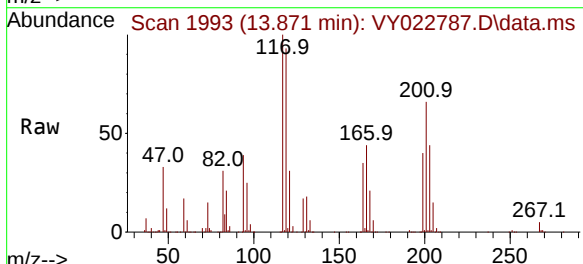
Acq: 24 Jun 2025 10:58

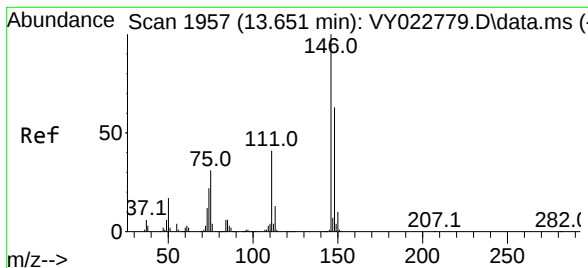
Tgt Ion: 117 Resp: 83492

Ion Ratio Lower Upper

117 100

201 71.4 34.0 102.0

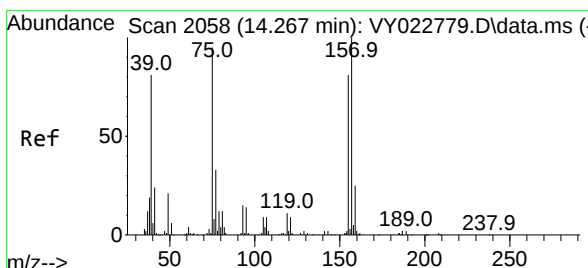
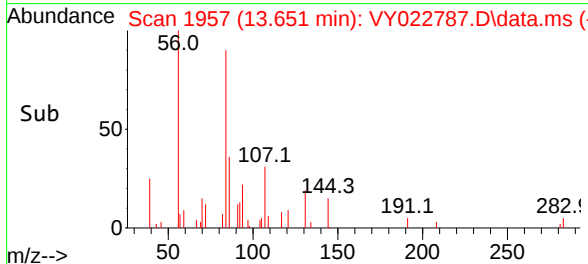
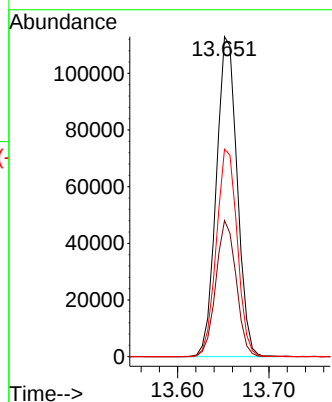
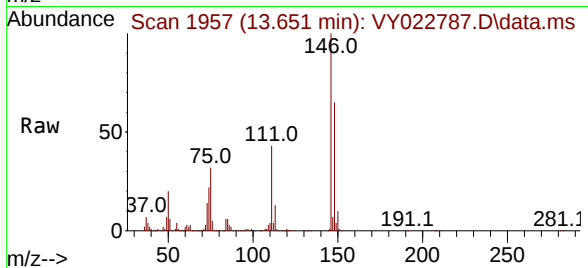




#91
 1,2-Dichlorobenzene
 Concen: 19.405 ug/l
 RT: 13.651 min Scan# 1957
 Delta R.T. -0.006 min
 Lab File: VY022787.D
 Acq: 24 Jun 2025 10:58

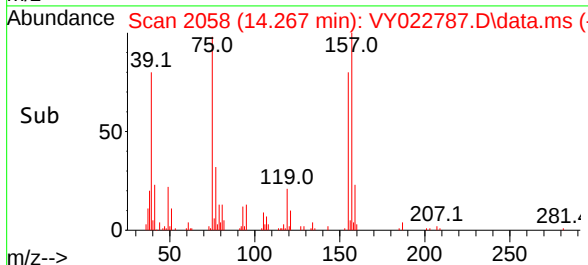
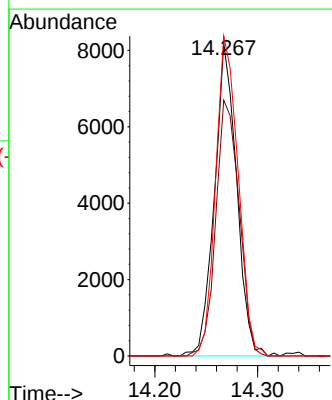
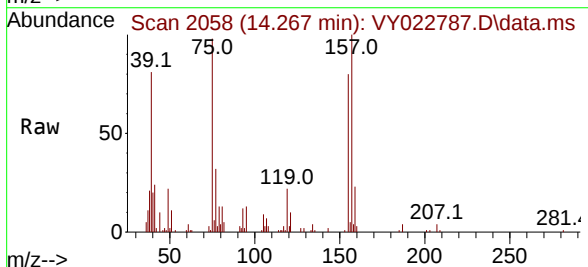
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0624SBS01

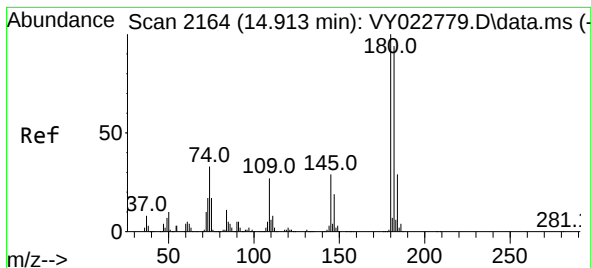
Tgt Ion:	146	Resp:	179542
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.2	60.6
148	64.9	31.4	94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.439 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.006 min
 Lab File: VY022787.D
 Acq: 24 Jun 2025 10:58

Tgt Ion:	75	Resp:	12253
Ion Ratio	Lower	Upper	
75	100		
155	86.1	39.9	119.6
157	104.0	54.0	162.0





#93

1,2,4-Trichlorobenzene

Concen: 19.088 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

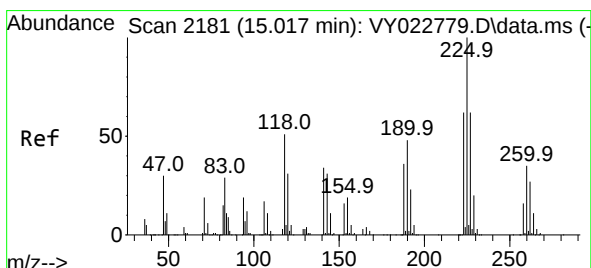
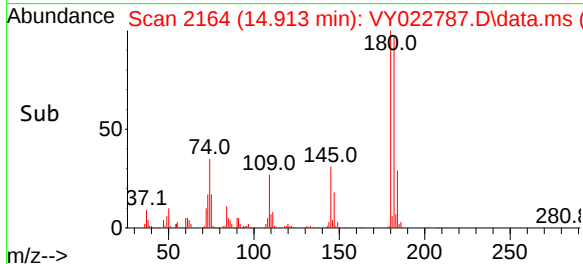
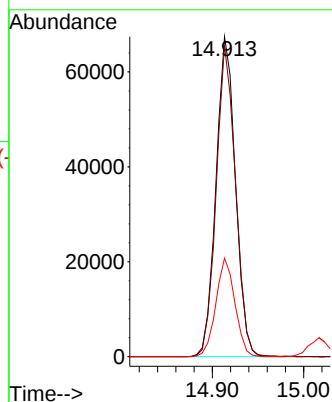
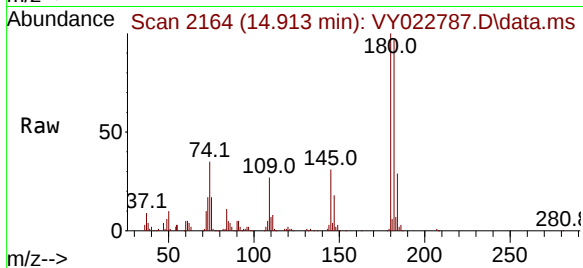
Tgt Ion:180 Resp: 99715

Ion Ratio Lower Upper

180 100

182 96.5 48.4 145.3

145 30.1 15.5 46.5



#94

Hexachlorobutadiene

Concen: 19.267 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

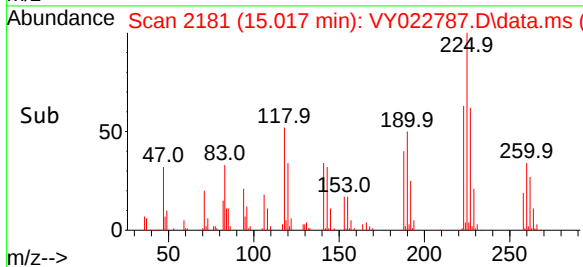
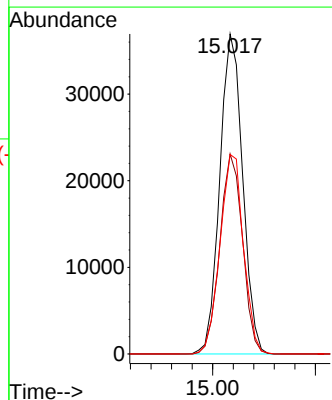
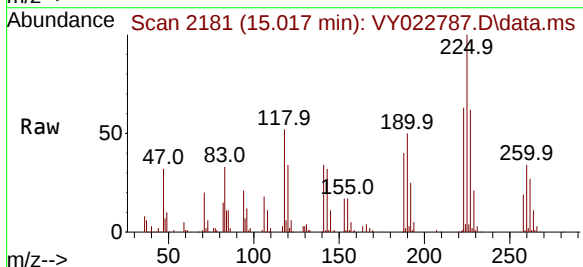
Tgt Ion:225 Resp: 56915

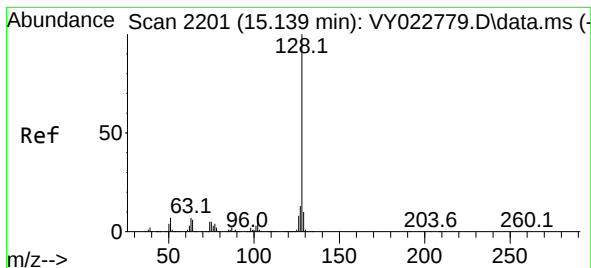
Ion Ratio Lower Upper

225 100

223 62.2 32.5 97.4

227 64.1 32.3 96.9





#95

Naphthalene

Concen: 18.403 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

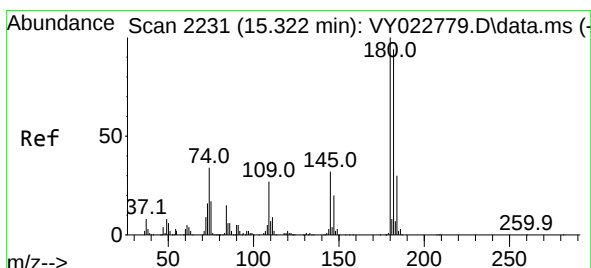
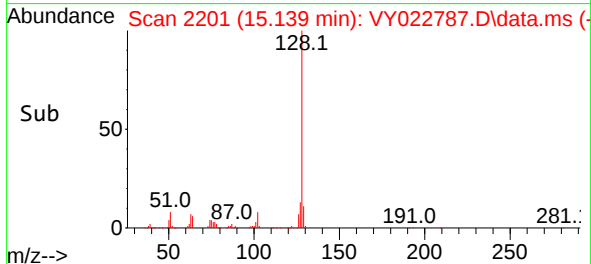
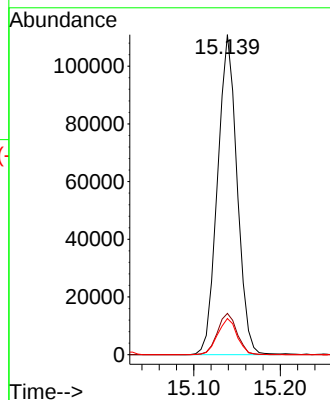
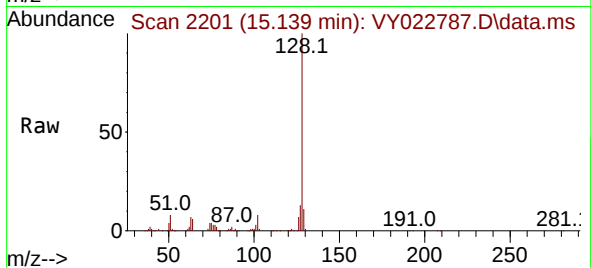
Tgt Ion:128 Resp: 173849

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.985 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022787.D

Acq: 24 Jun 2025 10:58

Tgt Ion:180 Resp: 85697

Ion Ratio Lower Upper

180 100

182 95.4 47.1 141.3

145 32.0 15.2 45.6

