

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
 Data File : VY022949.D
 Acq On : 07 Jul 2025 10:40
 Operator : SY/MD
 Sample : VY0707SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Quant Time: Jul 08 01:43:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	433247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	718134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	614643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	290747	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	231776	47.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.860%
35) Dibromofluoromethane	7.634	113	220306	50.444	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.880%
50) Toluene-d8	10.103	98	868411	50.110	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.401	95	269424	48.361	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	75960	20.504	ug/l	99
3) Chloromethane	2.068	50	136274	19.263	ug/l	100
4) Vinyl Chloride	2.202	62	165588	18.736	ug/l	99
5) Bromomethane	2.592	94	132233	19.031	ug/l	94
6) Chloroethane	2.732	64	114099	19.206	ug/l	97
7) Trichlorofluoromethane	3.055	101	188104	19.221	ug/l	99
8) Diethyl Ether	3.458	74	50896	21.057	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	97404	21.780	ug/l	96
10) Methyl Iodide	4.007	142	102424	21.035	ug/l	100
11) Tert butyl alcohol	4.866	59	29023	90.267	ug/l	97
12) 1,1-Dichloroethene	3.787	96	92013	20.982	ug/l	97
13) Acrolein	3.653	56	29317	67.242	ug/l	98
14) Allyl chloride	4.385	41	148167	21.967	ug/l	90
15) Acrylonitrile	5.055	53	101802	100.947	ug/l	99
16) Acetone	3.866	43	133315	145.868	ug/l	99
17) Carbon Disulfide	4.104	76	293748	20.735	ug/l	98
18) Methyl Acetate	4.385	43	51399	16.982	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	235224	19.699	ug/l	94
20) Methylene Chloride	4.616	84	198611	34.411	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	102778	20.507	ug/l	97
22) Diisopropyl ether	6.018	45	321837	21.485	ug/l	99
23) Vinyl Acetate	5.963	43	862523	104.257	ug/l	100
24) 1,1-Dichloroethane	5.915	63	193208	21.353	ug/l	99
25) 2-Butanone	6.896	43	157810	118.639	ug/l	96
26) 2,2-Dichloropropane	6.884	77	165898	21.873	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	120137	20.628	ug/l	99
28) Bromochloromethane	7.244	49	81809	21.507	ug/l	98
29) Tetrahydrofuran	7.262	42	81619	97.173	ug/l	99
30) Chloroform	7.421	83	194391	20.859	ug/l	96
31) Cyclohexane	7.701	56	174791	21.045	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	171327	21.274	ug/l	99
36) 1,1-Dichloropropene	7.835	75	139648	21.095	ug/l	99
37) Ethyl Acetate	6.988	43	58380	20.437	ug/l #	98
38) Carbon Tetrachloride	7.817	117	147333	21.093	ug/l	98
39) Methylcyclohexane	9.109	83	179844	20.993	ug/l	99
40) Benzene	8.079	78	434488	21.348	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	28815	16.385	ug/l	92
42) 1,2-Dichloroethane	8.158	62	113244	20.305	ug/l	99
43) Isopropyl Acetate	8.195	43	115734	19.494	ug/l	97
44) Trichloroethene	8.865	130	107816	21.099	ug/l	98
45) 1,2-Dichloropropane	9.140	63	103546	21.737	ug/l	97
46) Dibromomethane	9.231	93	55174	20.404	ug/l	97
47) Bromodichloromethane	9.420	83	144602	20.737	ug/l	96
48) Methyl methacrylate	9.219	41	55830	19.561	ug/l	93
49) 1,4-Dioxane	9.231	88	12191	381.591	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	298569	98.961	ug/l	97
52) Toluene	10.170	92	268277	20.893	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	126670	20.190	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	155514	21.378	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	70925	20.256	ug/l	97
56) Ethyl methacrylate	10.438	69	89776	19.057	ug/l	95
57) 1,3-Dichloropropane	10.713	76	123778	20.261	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	230148	102.787	ug/l	99
59) 2-Hexanone	10.755	43	224430	109.413	ug/l	99
60) Dibromochloromethane	10.908	129	91255	20.177	ug/l	99
61) 1,2-Dibromoethane	11.011	107	65132	19.878	ug/l	96
64) Tetrachloroethene	10.646	164	124440	21.431	ug/l	95
65) Chlorobenzene	11.438	112	282506	20.918	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	94791	20.722	ug/l	100
67) Ethyl Benzene	11.517	91	490175	20.657	ug/l	99
68) m/p-Xylenes	11.627	106	379687	41.392	ug/l	99
69) o-Xylene	11.950	106	173849	20.114	ug/l	99
70) Styrene	11.969	104	290400	20.058	ug/l	100
71) Bromoform	12.127	173	49730	19.524	ug/l #	99
73) Isopropylbenzene	12.249	105	457080	21.257	ug/l	99
74) N-amyl acetate	12.066	43	97556	20.212	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	72835	21.017	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	103029	34.710	ug/l #	100
77) Bromobenzene	12.529	156	103077	21.149	ug/l	100
78) n-propylbenzene	12.590	91	563934	21.722	ug/l	99
79) 2-Chlorotoluene	12.676	91	313758	21.391	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	367656	21.180	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	23582	20.071	ug/l	94
82) 4-Chlorotoluene	12.773	91	323320	20.985	ug/l	100
83) tert-Butylbenzene	12.993	119	322802	21.086	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	367381	21.139	ug/l	99
85) sec-Butylbenzene	13.170	105	498333	21.635	ug/l	99
86) p-Isopropyltoluene	13.285	119	401065	20.924	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	207469	21.195	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	204498	21.032	ug/l	99
89) n-Butylbenzene	13.615	91	381846	21.179	ug/l	99
90) Hexachloroethane	13.877	117	82643	21.648	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	179444	20.802	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10984	18.690	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	95894	19.689	ug/l	98
94) Hexachlorobutadiene	15.023	225	56654	20.571	ug/l	98
95) Naphthalene	15.139	128	160783	18.255	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	83092	19.743	ug/l	99

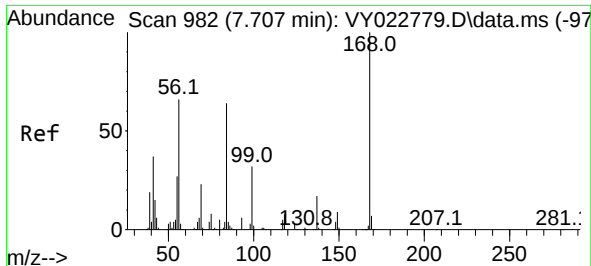
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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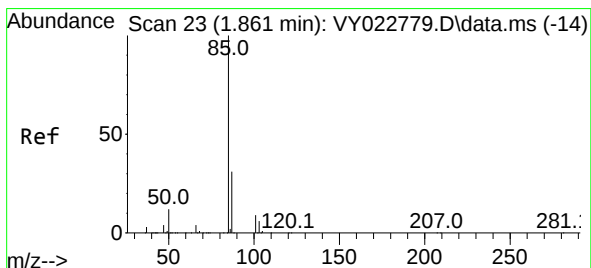
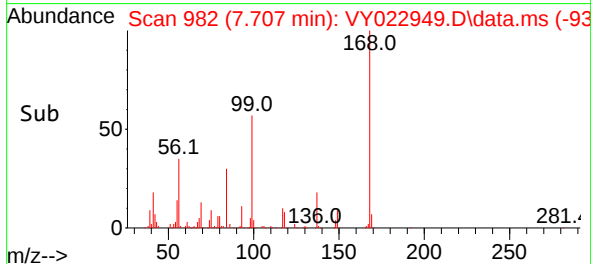
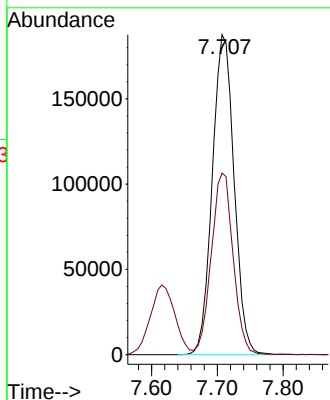
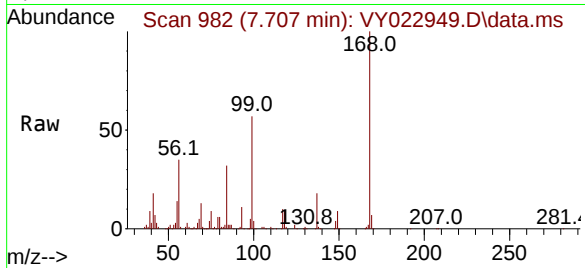
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

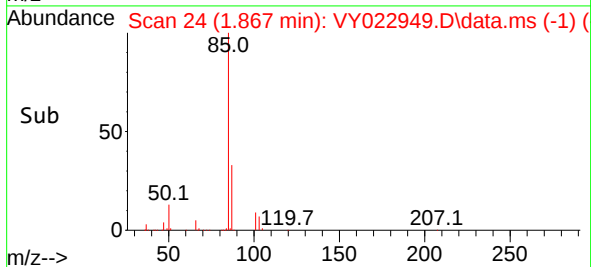
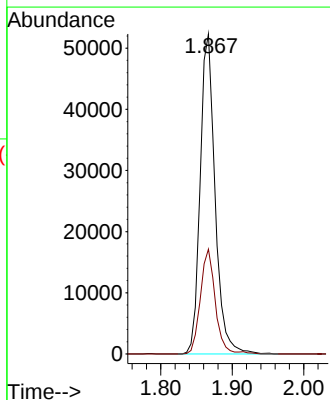
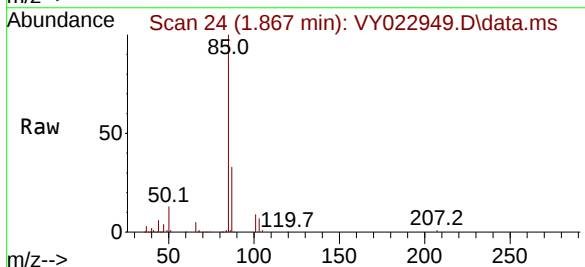
Instrument :
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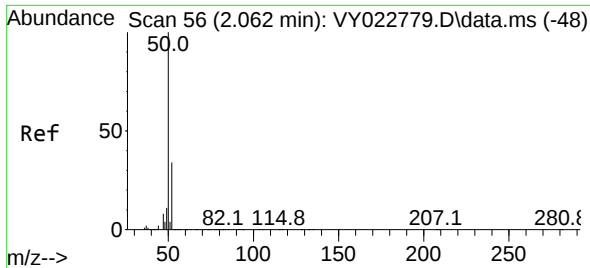
Tgt Ion:168 Resp: 433247
Ion Ratio Lower Upper
168 100
99 56.7 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 20.504 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 85 Resp: 75960
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.0

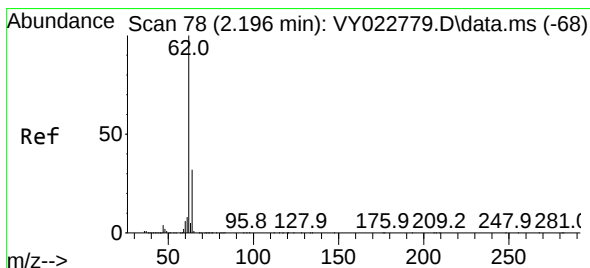
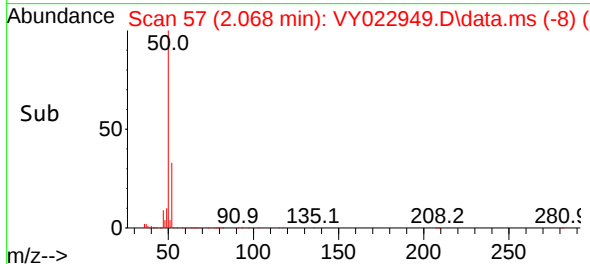
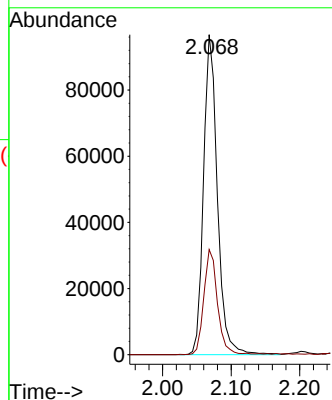
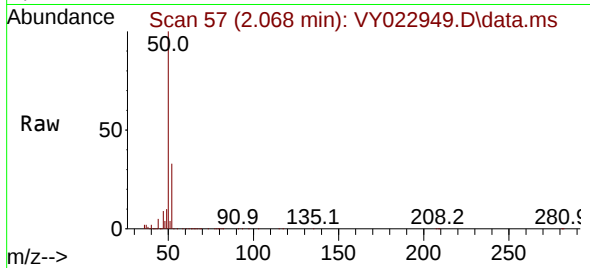




#3
Chloromethane
Concen: 19.263 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

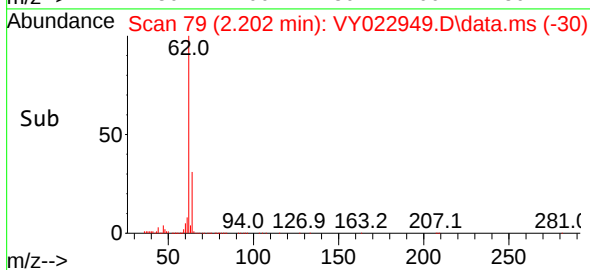
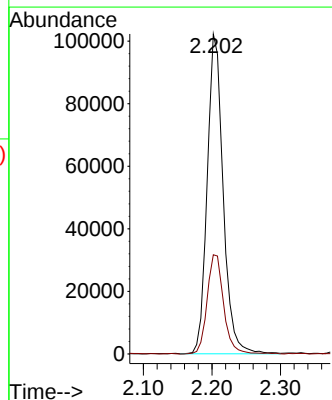
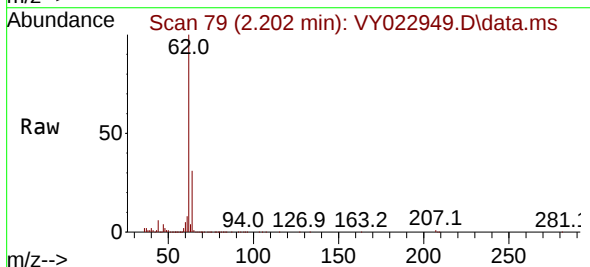
Instrument :
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ClientSampleId :
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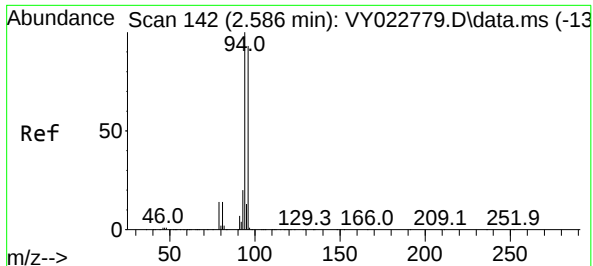
Tgt Ion: 50 Resp: 136274
Ion Ratio Lower Upper
50 100
52 32.8 26.0 39.0



#4
Vinyl Chloride
Concen: 18.736 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 62 Resp: 165588
Ion Ratio Lower Upper
62 100
64 31.0 25.3 37.9

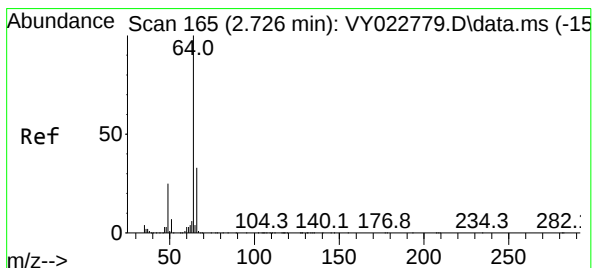
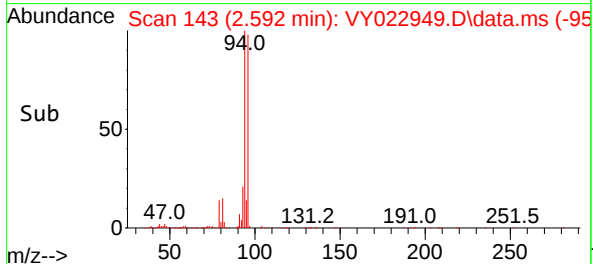
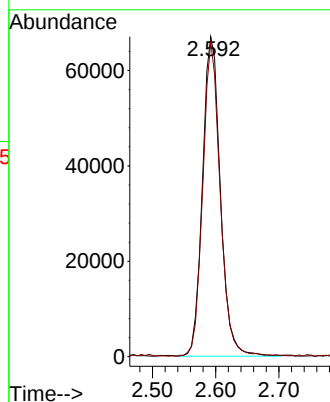
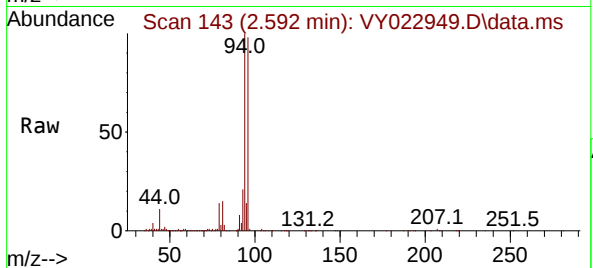




#5
Bromomethane
Concen: 19.031 ug/l
RT: 2.592 min Scan# 142
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

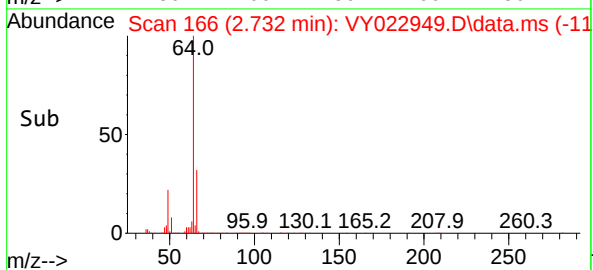
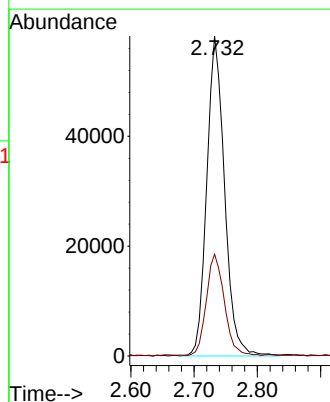
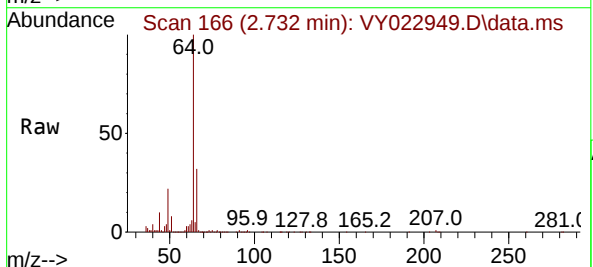
Instrument :
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Tgt Ion: 94 Resp: 132233
Ion Ratio Lower Upper
94 100
96 98.0 74.0 111.0



#6
Chloroethane
Concen: 19.206 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 64 Resp: 114099
Ion Ratio Lower Upper
64 100
66 31.6 23.8 35.6

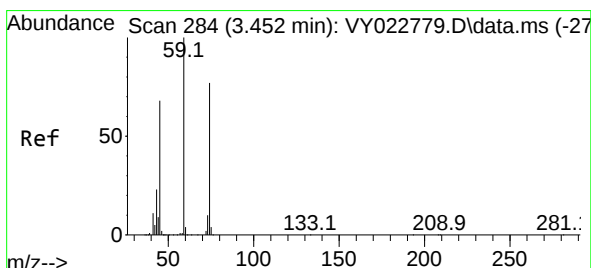
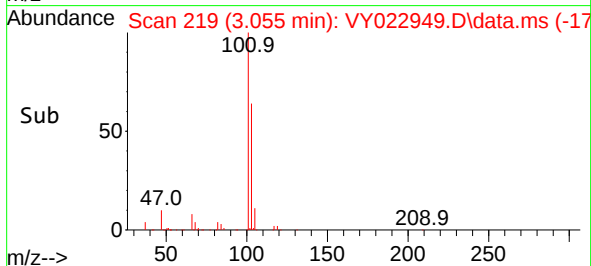
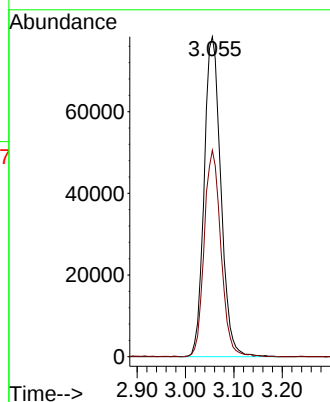
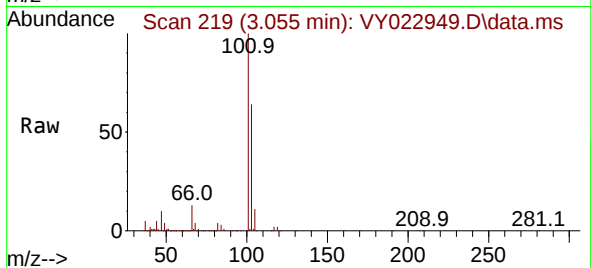




#7
 Trichlorofluoromethane
 Concen: 19.221 ug/l
 RT: 3.055 min Scan# 217
 Delta R.T. -0.000 min
 Lab File: VY022949.D
 Acq: 07 Jul 2025 10:40

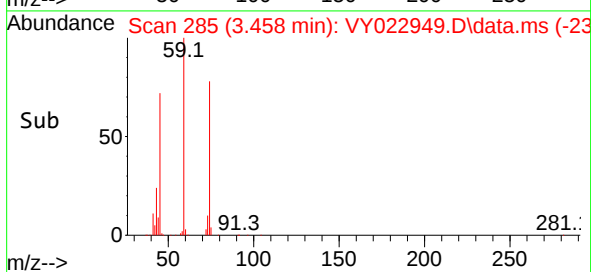
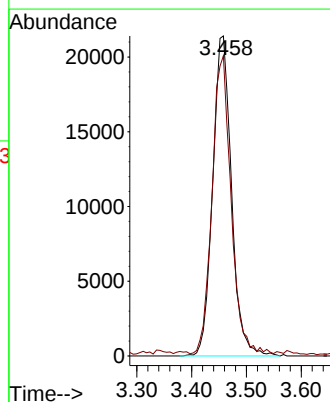
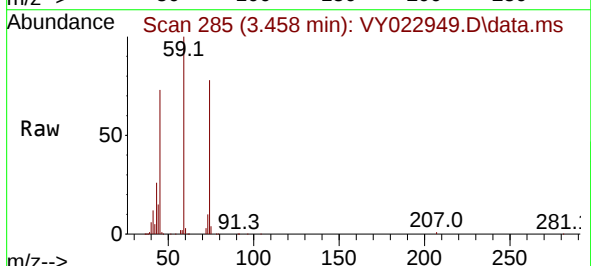
Instrument :
 MSVOA_Y
 ClientSampleId :
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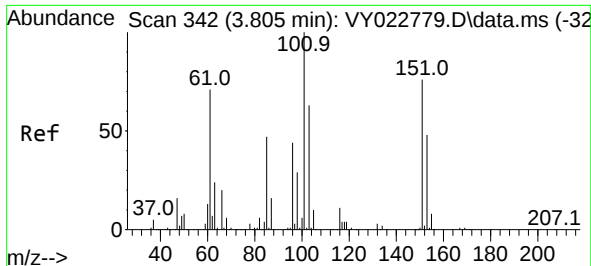
Tgt Ion:101 Resp: 188104
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.2 78.2



#8
 Diethyl Ether
 Concen: 21.057 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY022949.D
 Acq: 07 Jul 2025 10:40

Tgt Ion: 74 Resp: 50896
 Ion Ratio Lower Upper
 74 100
 45 94.0 45.9 137.6

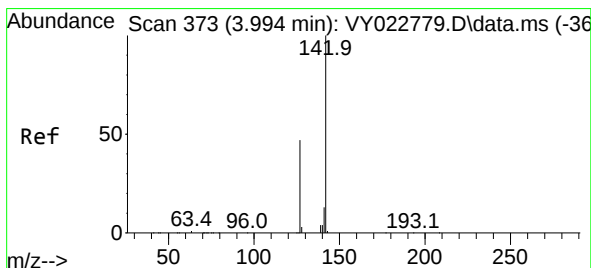
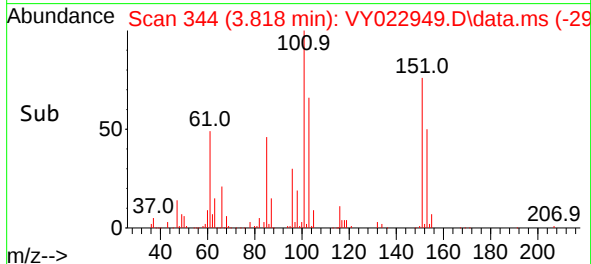
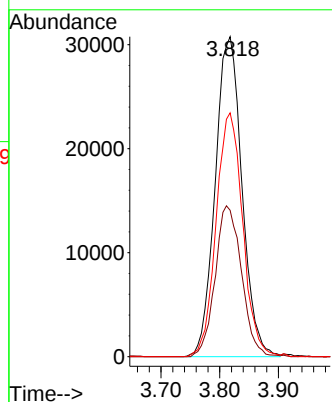
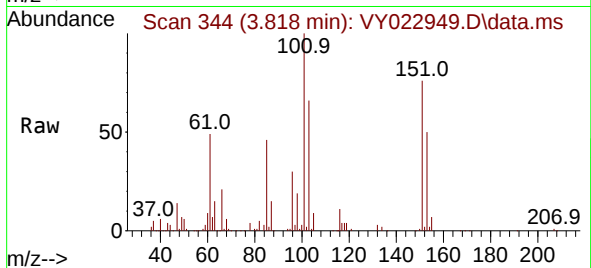




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.780 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022949.D
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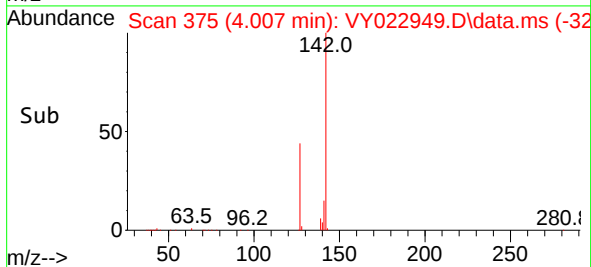
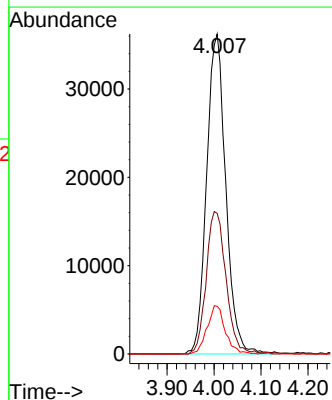
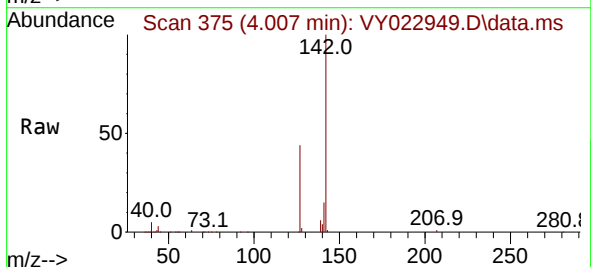
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

Tgt Ion:101 Resp: 97404
Ion Ratio Lower Upper
101 100
85 46.5 39.3 58.9
151 75.9 57.8 86.8



#10
Methyl Iodide
Concen: 21.035 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion:142 Resp: 102424
Ion Ratio Lower Upper
142 100
127 46.1 37.1 55.7
141 14.3 11.4 17.2

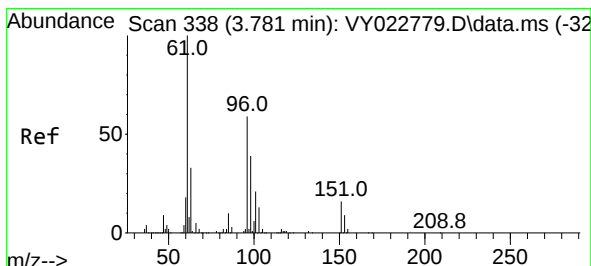
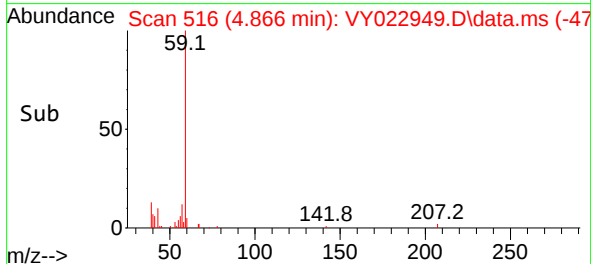
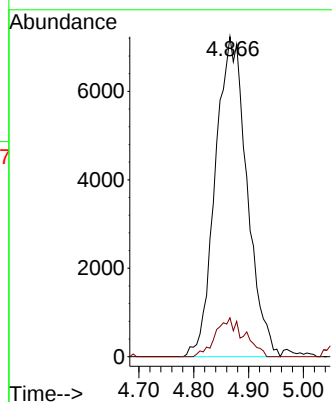
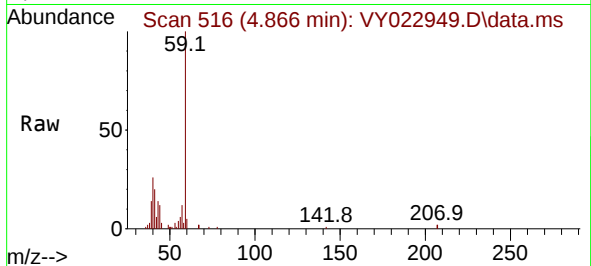




#11
Tert butyl alcohol
Concen: 90.267 ug/l
RT: 4.866 min Scan# 515
Delta R.T. -0.019 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

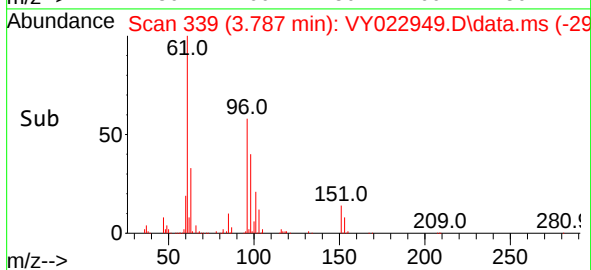
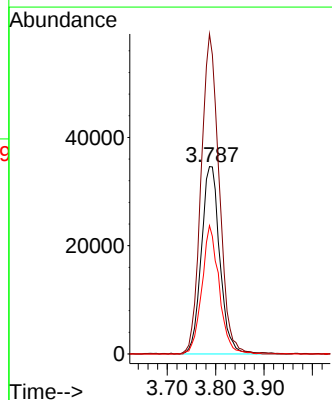
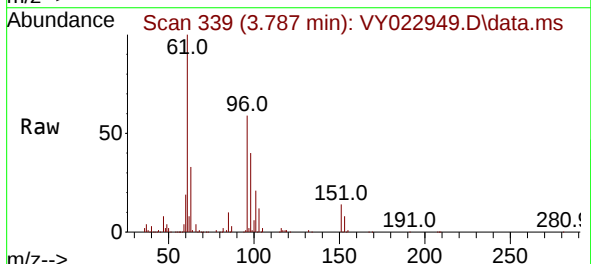
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

Tgt Ion: 59 Resp: 29023
Ion Ratio Lower Upper
59 100
57 11.1 8.0 12.0



#12
1,1-Dichloroethene
Concen: 20.982 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 96 Resp: 92013
Ion Ratio Lower Upper
96 100
61 170.8 134.6 201.8
98 68.5 50.2 75.4





#13

Acrolein

Concen: 67.242 ug/l

RT: 3.653 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

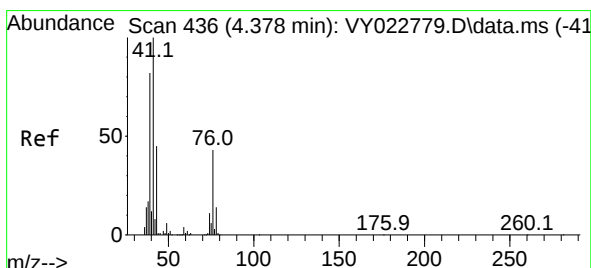
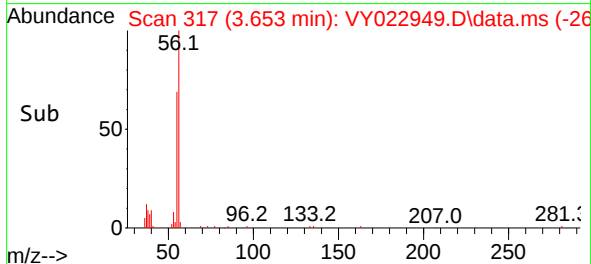
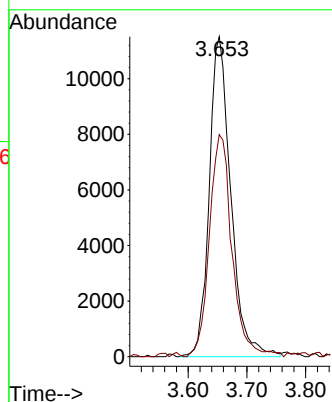
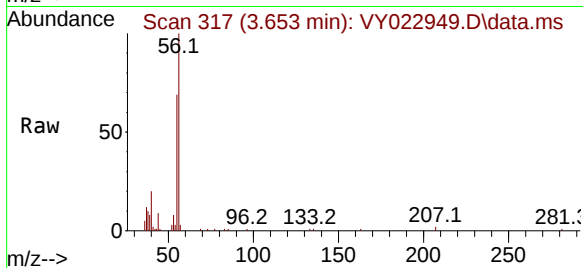
VY0707SBSD01

Tgt Ion: 56 Resp: 29317

Ion Ratio Lower Upper

56 100

55 72.7 57.0 85.6



#14

Allyl chloride

Concen: 21.967 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

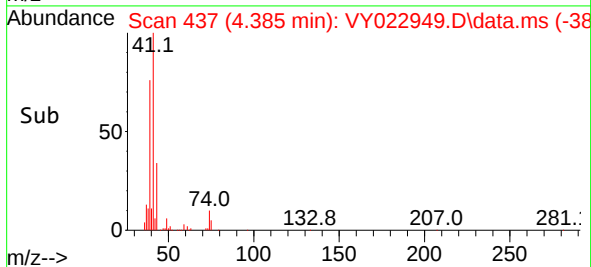
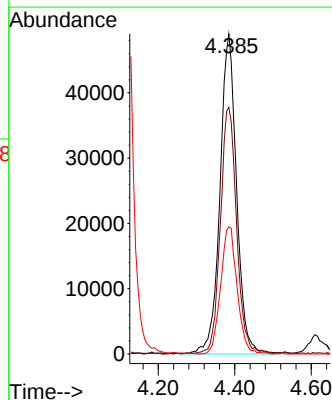
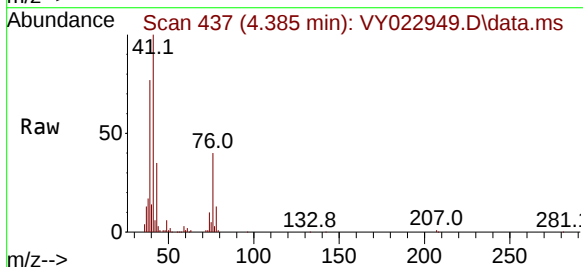
Tgt Ion: 41 Resp: 148167

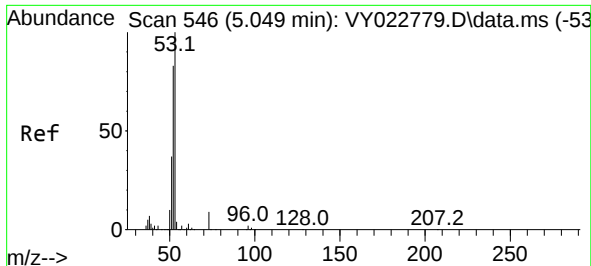
Ion Ratio Lower Upper

41 100

39 74.7 69.1 103.7

76 39.3 33.5 50.3

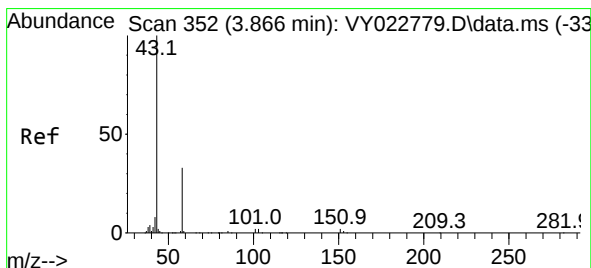
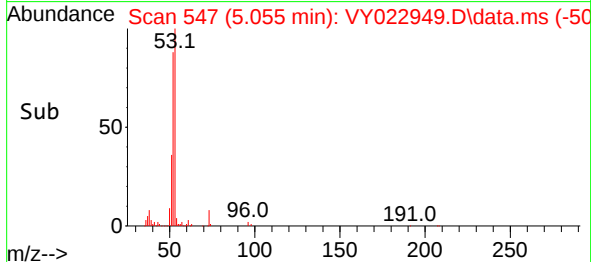
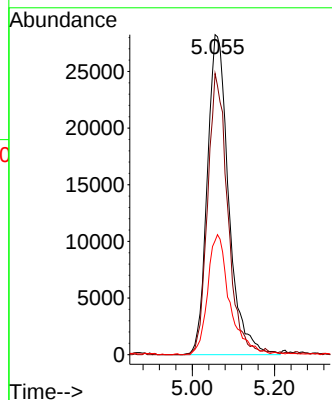
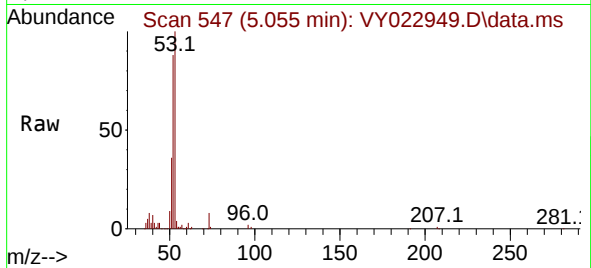




#15
Acrylonitrile
Concen: 100.947 ug/l
RT: 5.055 min Scan# 546
Delta R.T. -0.012 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

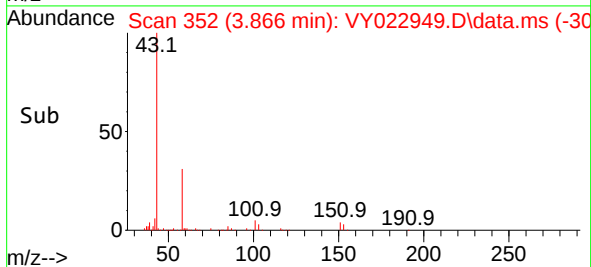
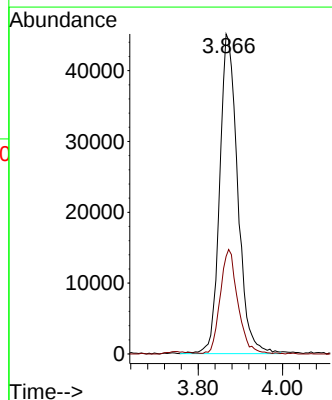
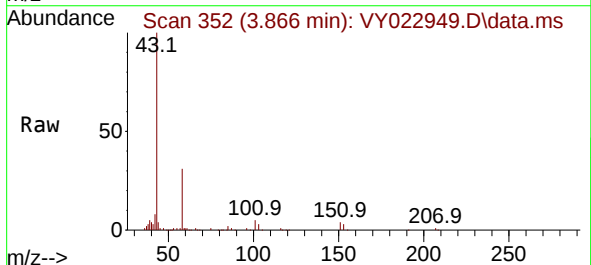
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

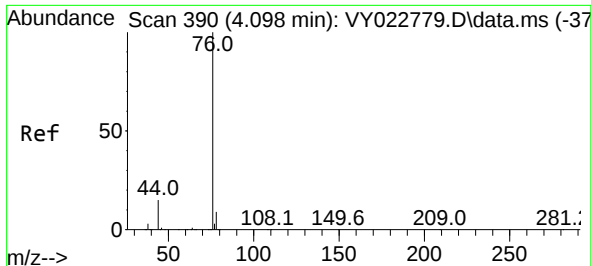
Tgt Ion: 53 Resp: 101802
Ion Ratio Lower Upper
53 100
52 82.2 65.7 98.5
51 38.6 30.1 45.1



#16
Acetone
Concen: 145.868 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 43 Resp: 133315
Ion Ratio Lower Upper
43 100
58 30.4 24.0 36.0

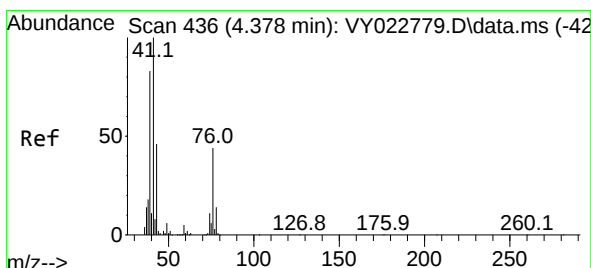
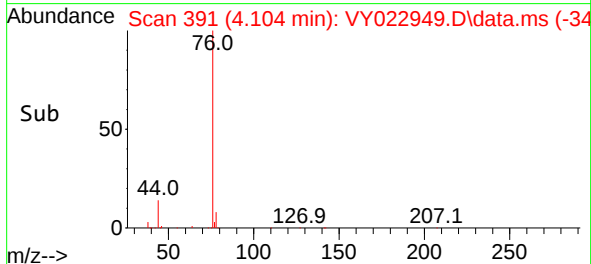
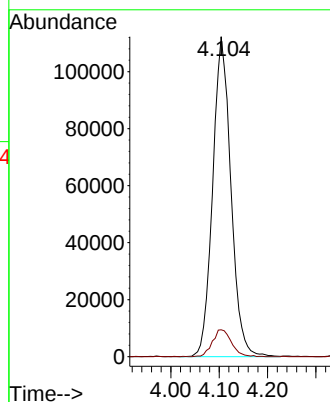
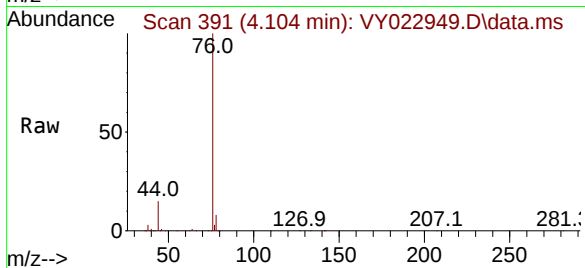




#17
Carbon Disulfide
Concen: 20.735 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

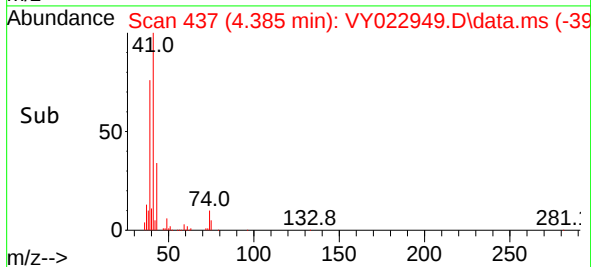
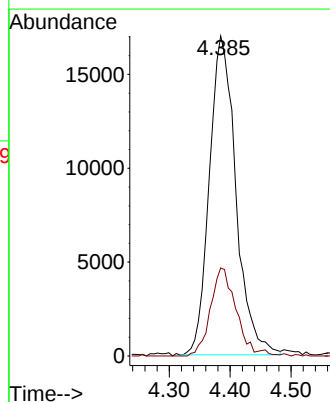
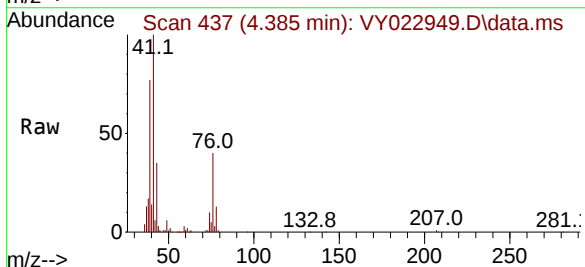
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

Tgt Ion: 76 Resp: 293748
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2



#18
Methyl Acetate
Concen: 16.982 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 43 Resp: 51399
Ion Ratio Lower Upper
43 100
74 26.0 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 19.699 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

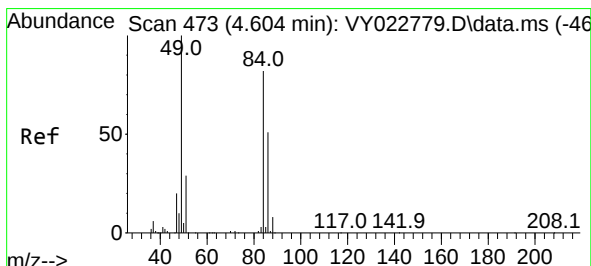
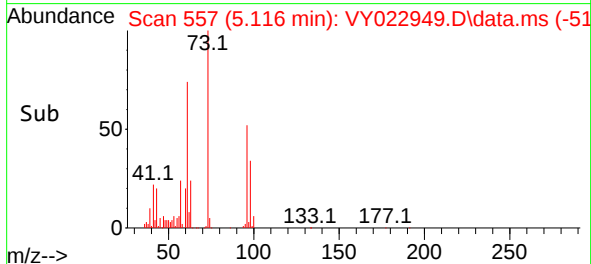
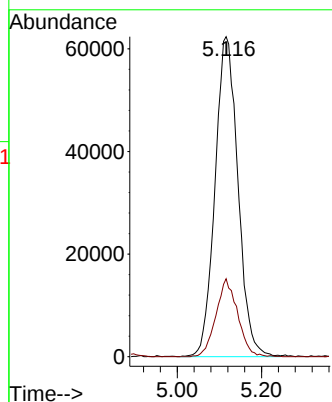
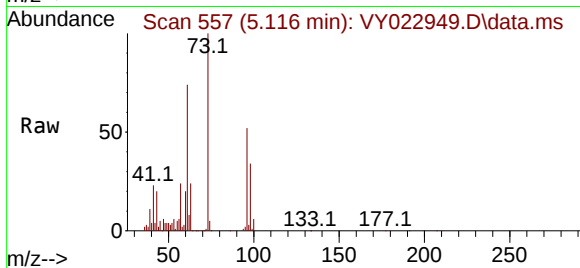
VY0707SBSD01

Tgt Ion: 73 Resp: 235224

Ion Ratio Lower Upper

73 100

57 24.3 17.4 26.0



#20

Methylene Chloride

Concen: 34.411 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

Tgt Ion: 84 Resp: 198611

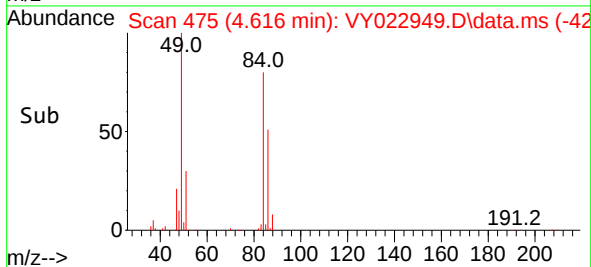
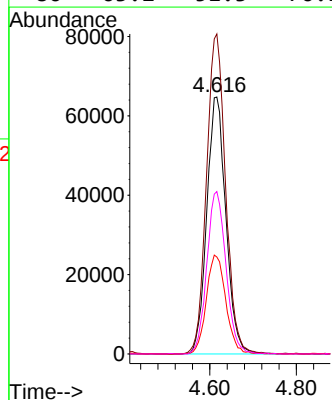
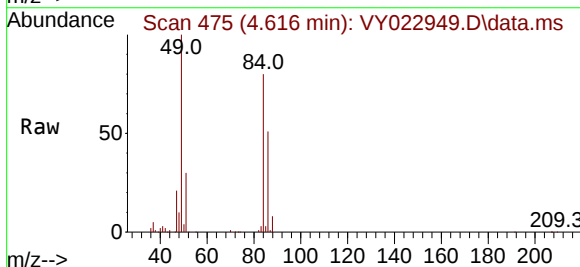
Ion Ratio Lower Upper

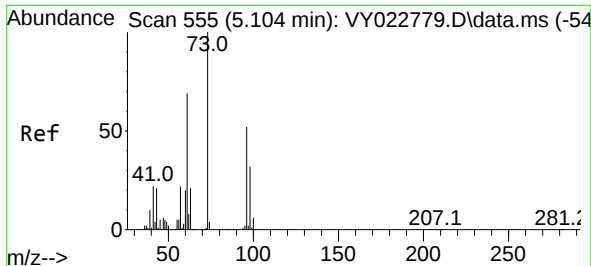
84 100

49 124.5 101.9 152.9

51 37.7 29.8 44.8

86 63.2 51.3 76.9

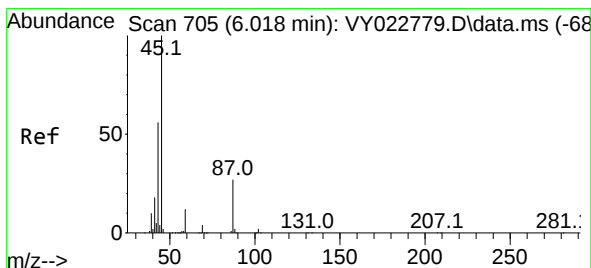
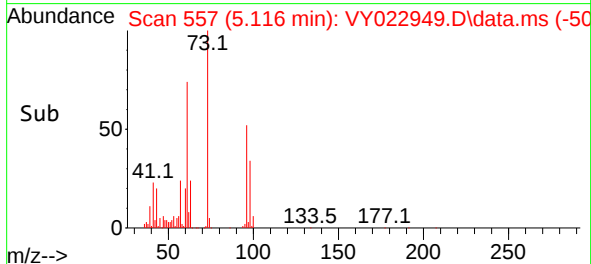
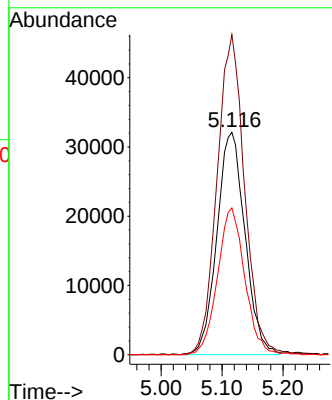
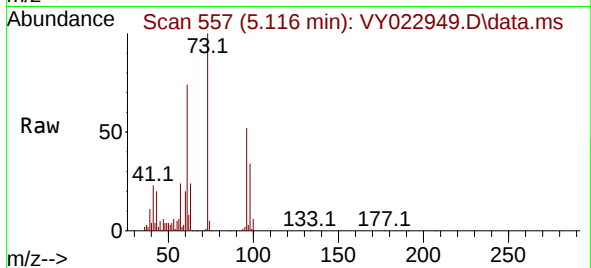




#21
trans-1,2-Dichloroethene
Concen: 20.507 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

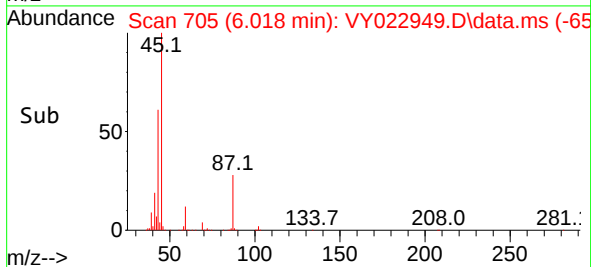
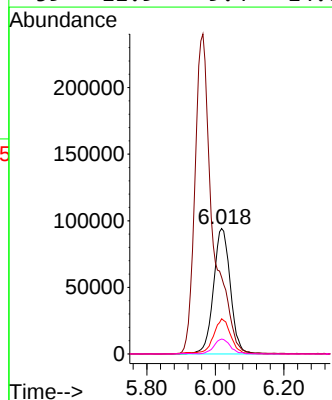
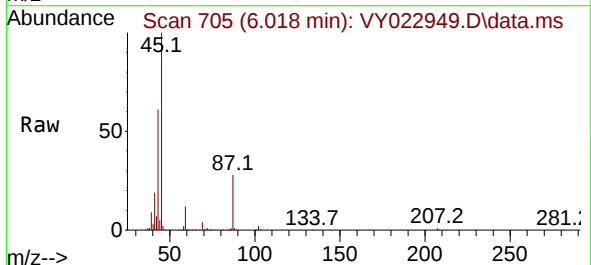
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

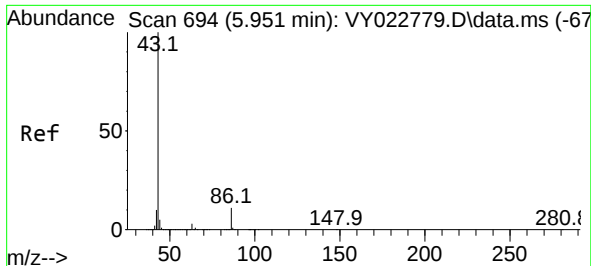
Tgt Ion: 96 Resp: 102778
Ion Ratio Lower Upper
96 100
61 143.8 112.6 169.0
98 66.0 50.6 75.8



#22
Diisopropyl ether
Concen: 21.485 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 45 Resp: 321837
Ion Ratio Lower Upper
45 100
43 60.6 48.3 72.5
87 28.1 23.0 34.6
59 11.9 9.4 14.0

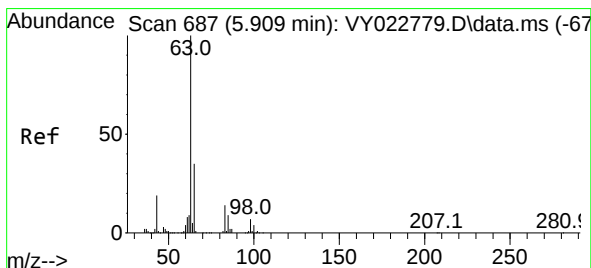
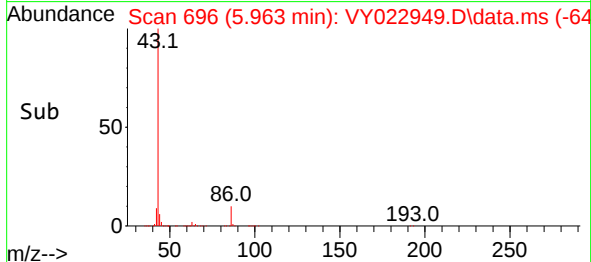
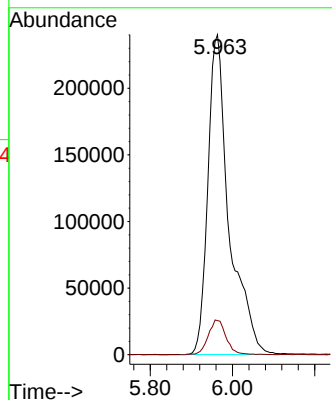
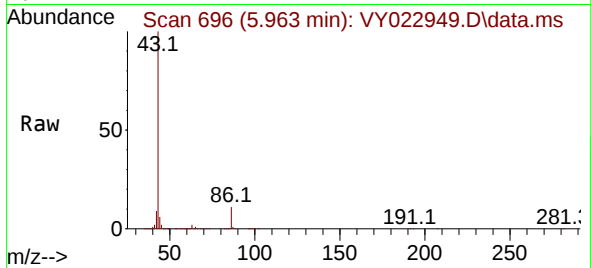




#23
 Vinyl Acetate
 Concen: 104.257 ug/l
 RT: 5.963 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY022949.D
 Acq: 07 Jul 2025 10:40

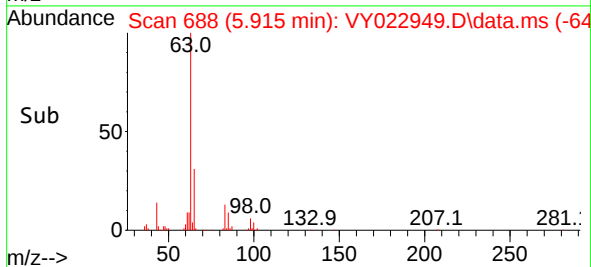
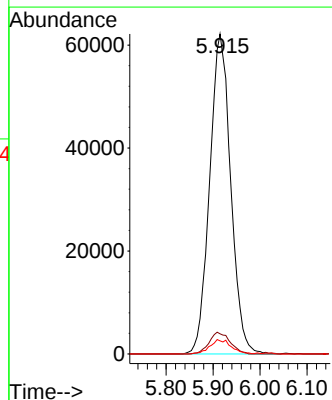
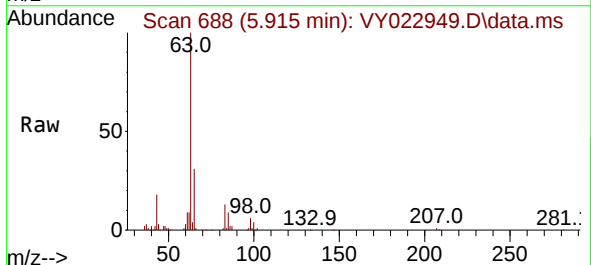
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBSD01

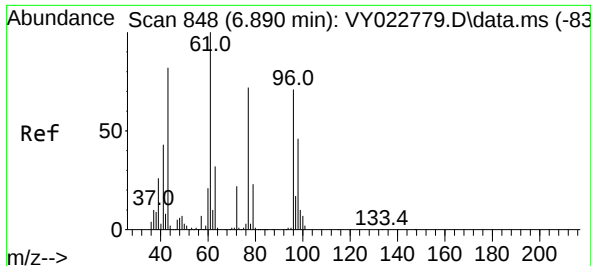
Tgt Ion: 43 Resp: 862523
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.353 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022949.D
 Acq: 07 Jul 2025 10:40

Tgt Ion: 63 Resp: 193208
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.1
 100 4.1 2.1 6.3

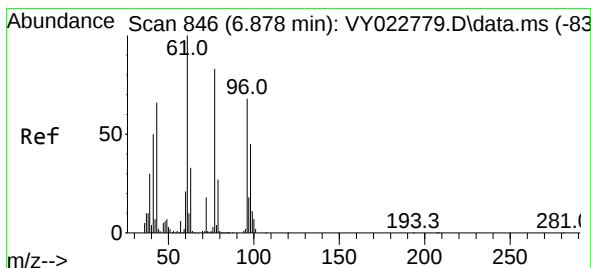
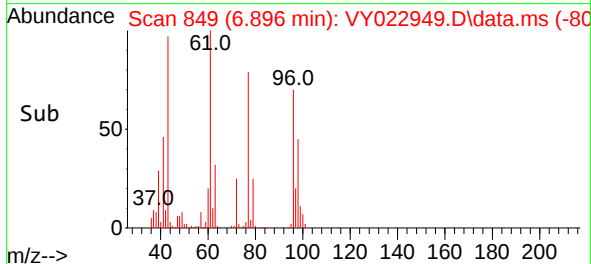
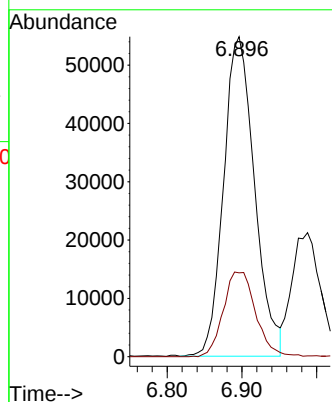
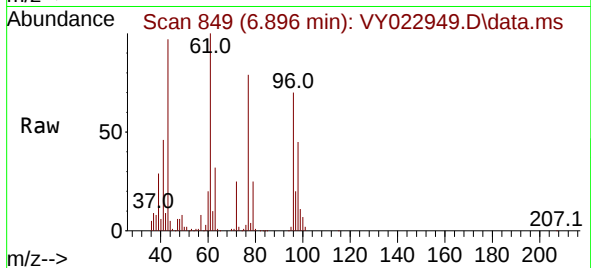




#25
2-Butanone
Concen: 118.639 ug/l
RT: 6.896 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

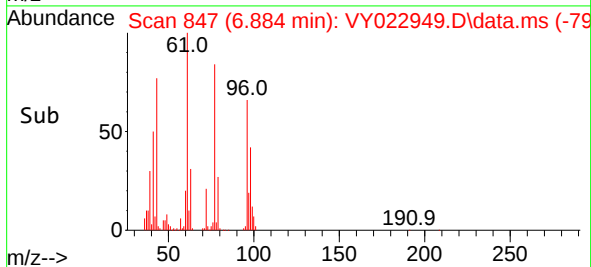
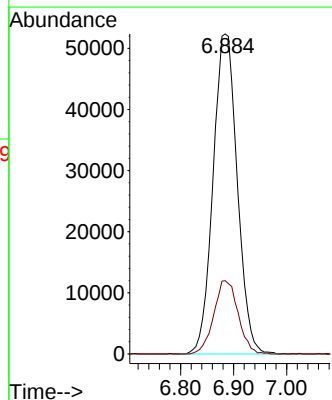
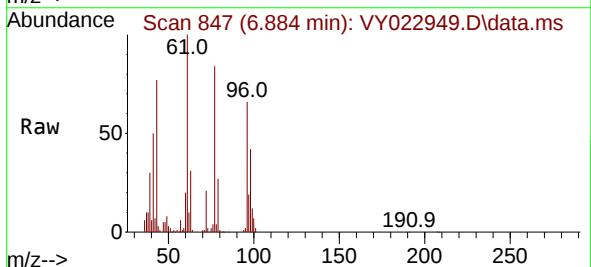
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

Tgt Ion: 43 Resp: 157810
Ion Ratio Lower Upper
43 100
72 26.3 22.9 34.3



#26
2,2-Dichloropropane
Concen: 21.873 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 77 Resp: 165898
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2



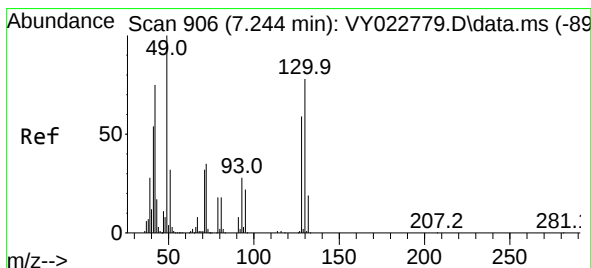
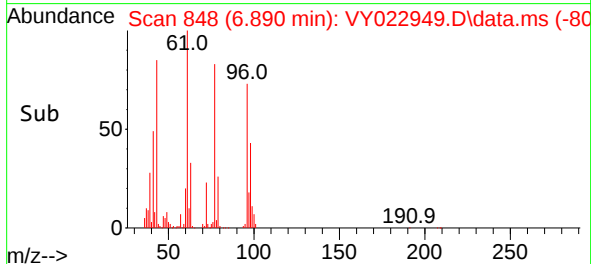
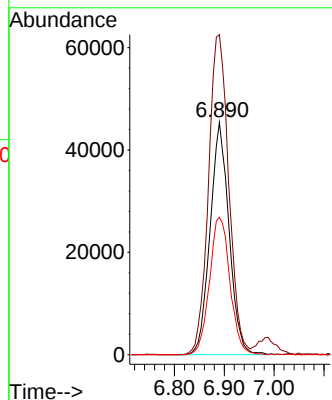
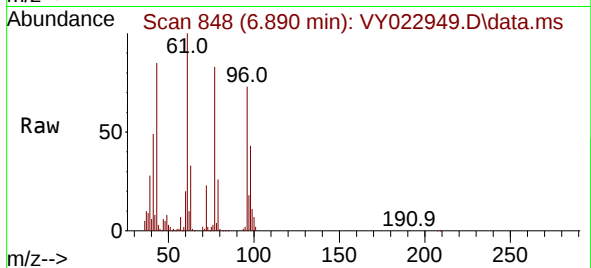


#27
 cis-1,2-Dichloroethene
 Concen: 20.628 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY022949.D
 Acq: 07 Jul 2025 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBSD01

Tgt Ion: 96 Resp: 120137

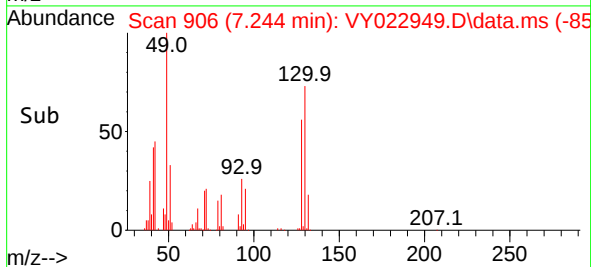
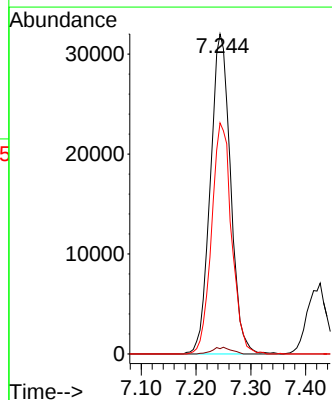
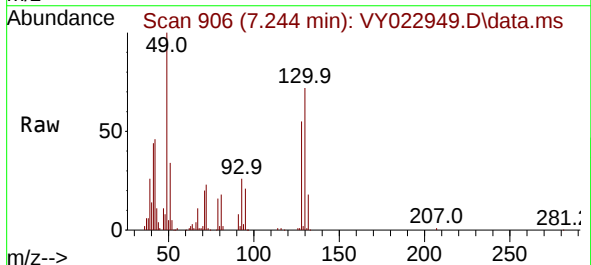
Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	290.0
98	63.6	0.0	128.4

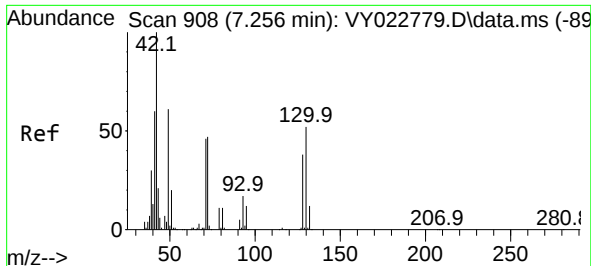


#28
 Bromochloromethane
 Concen: 21.507 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022949.D
 Acq: 07 Jul 2025 10:40

Tgt Ion: 49 Resp: 81809

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	71.6	55.7	83.5





#29

Tetrahydrofuran

Concen: 97.173 ug/l

RT: 7.262 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBSD01

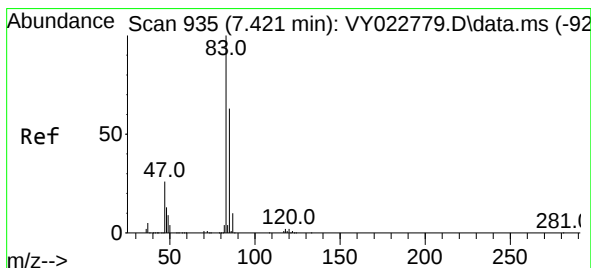
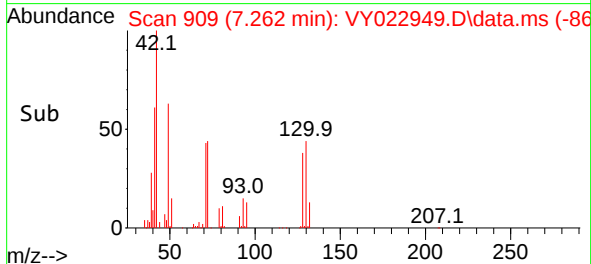
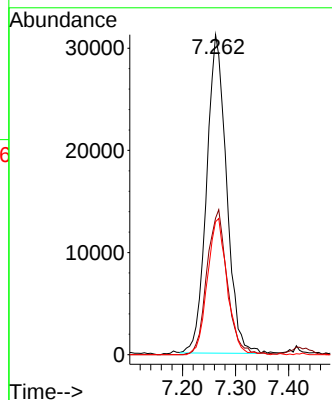
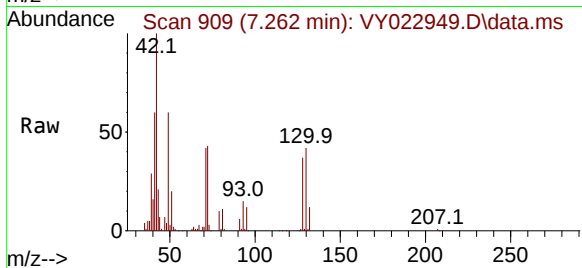
Tgt Ion: 42 Resp: 81619

Ion Ratio Lower Upper

42 100

72 46.2 37.4 56.2

71 42.6 34.2 51.2



#30

Chloroform

Concen: 20.859 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022949.D

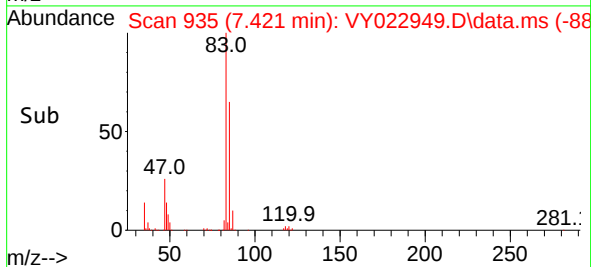
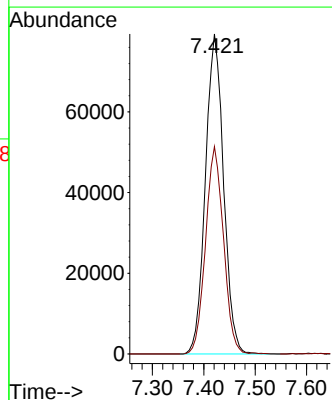
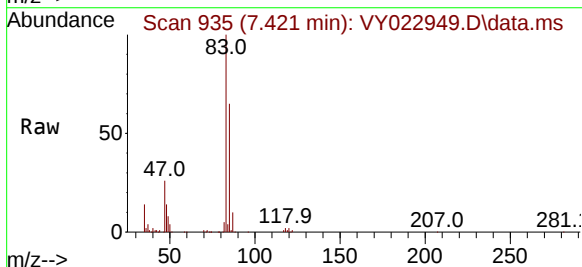
Acq: 07 Jul 2025 10:40

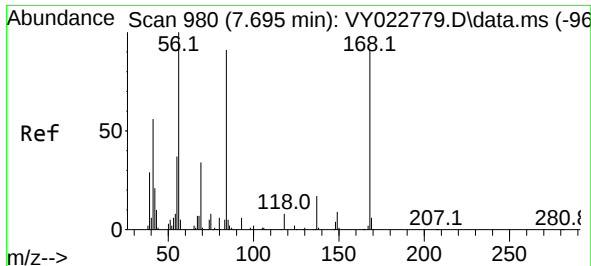
Tgt Ion: 83 Resp: 194391

Ion Ratio Lower Upper

83 100

85 64.8 54.2 81.4

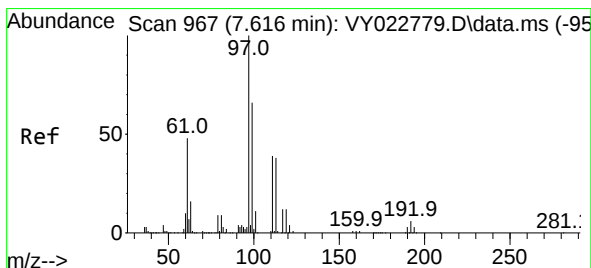
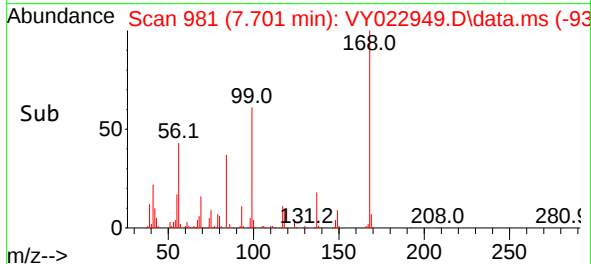
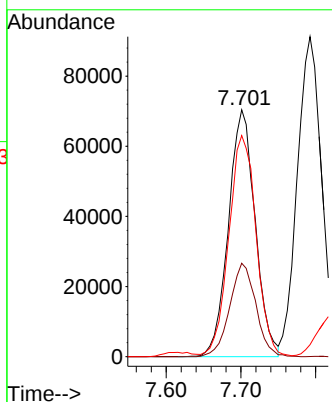
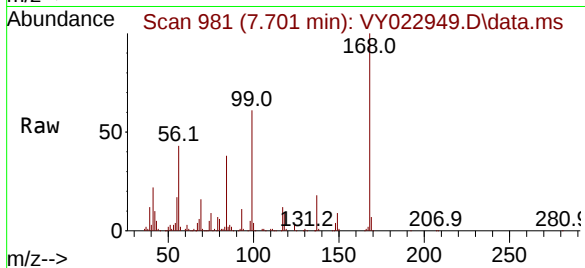




#31
Cyclohexane
Concen: 21.045 ug/l
RT: 7.701 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

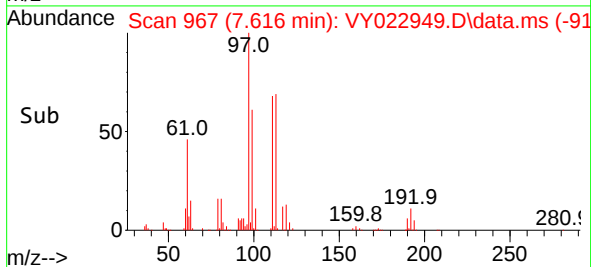
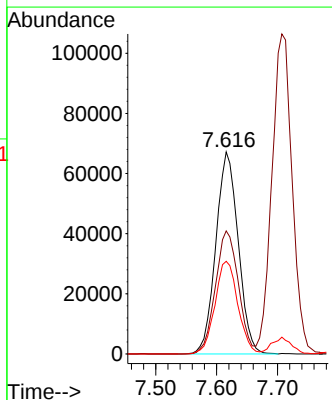
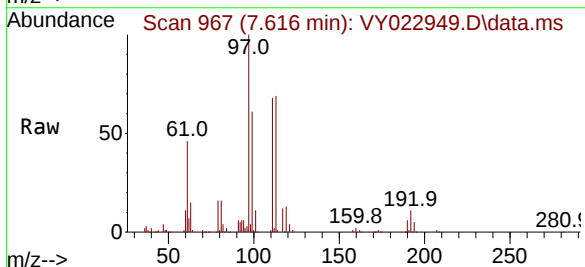
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

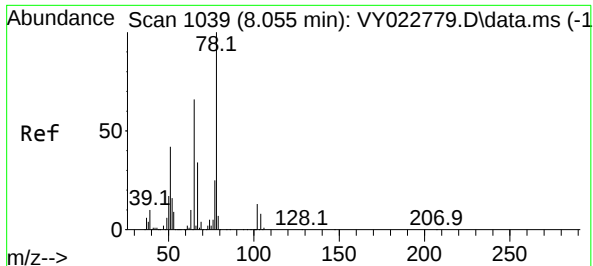
Tgt Ion: 56 Resp: 174791
Ion Ratio Lower Upper
56 100
69 37.9 27.0 40.6
84 87.9 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 21.274 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 97 Resp: 171327
Ion Ratio Lower Upper
97 100
99 62.7 50.9 76.3
61 47.0 38.5 57.7

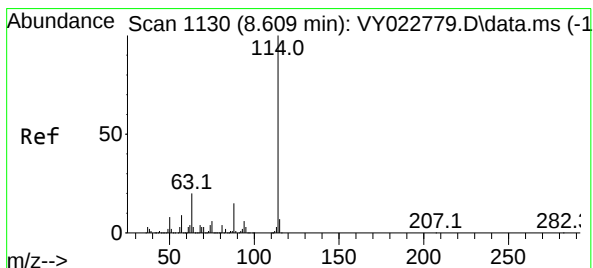
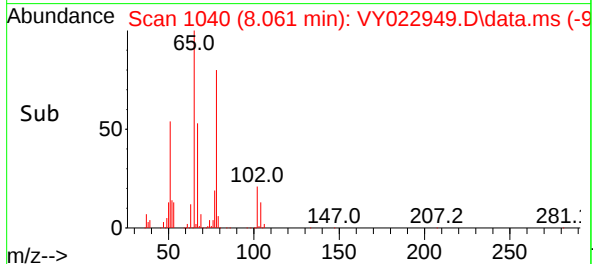
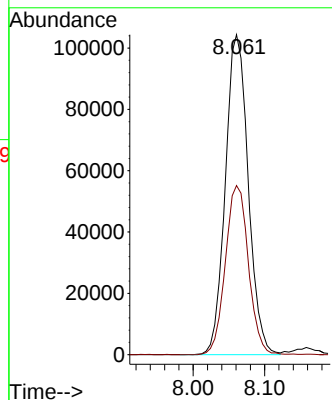
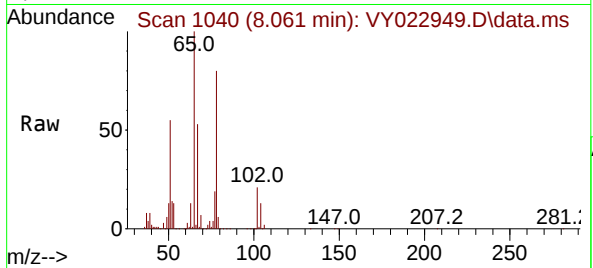




#33
 1,2-Dichloroethane-d4
 Concen: 47.932 ug/l
 RT: 8.061 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VY022949.D
 Acq: 07 Jul 2025 10:40

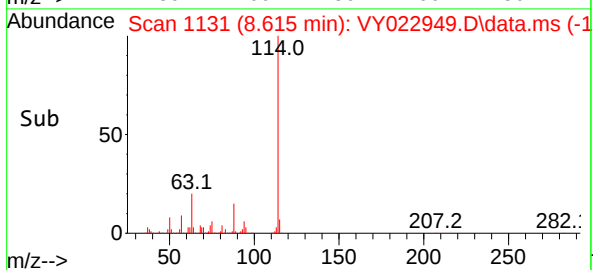
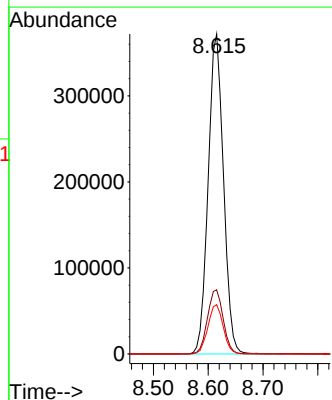
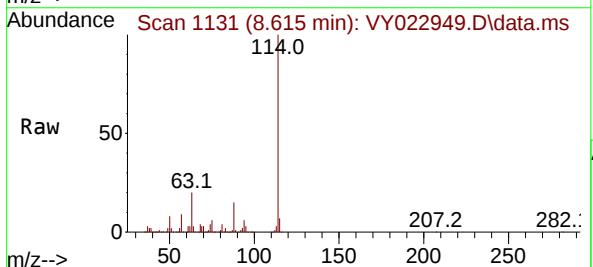
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBSD01

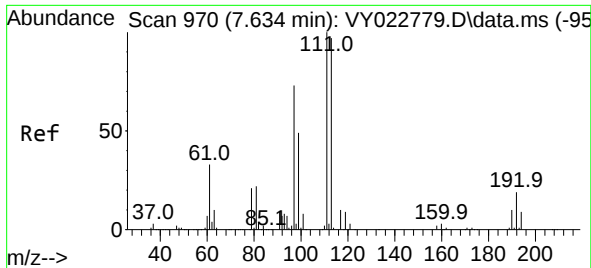
Tgt Ion: 65 Resp: 231776
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022949.D
 Acq: 07 Jul 2025 10:40

Tgt Ion: 114 Resp: 718134
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 15.4 0.0 27.8

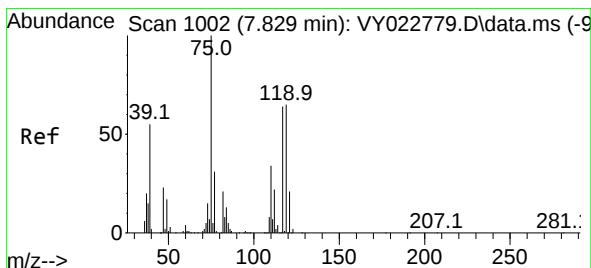
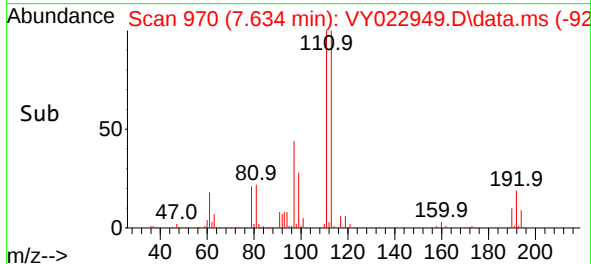
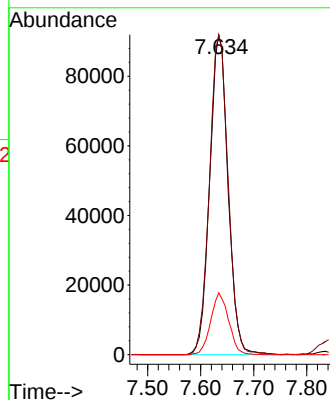
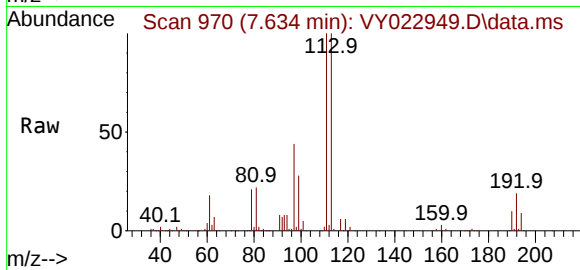




#35
Dibromofluoromethane
Concen: 50.444 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

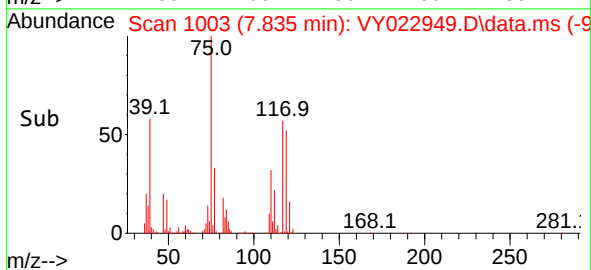
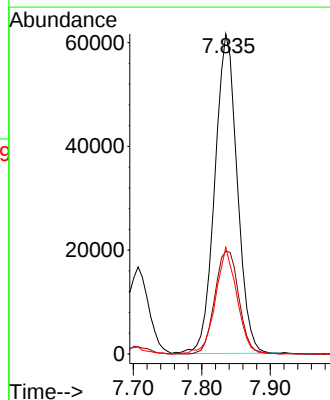
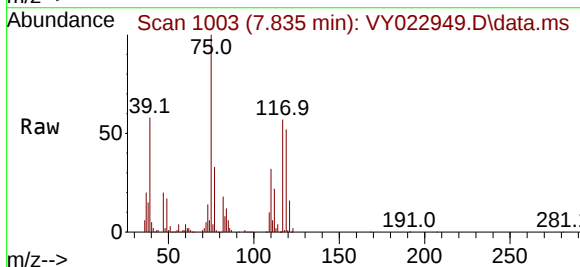
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

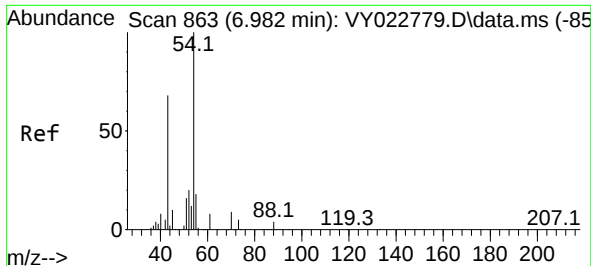
Tgt Ion:113 Resp: 220306
Ion Ratio Lower Upper
113 100
111 102.1 81.1 121.7
192 19.0 14.2 21.2



#36
1,1-Dichloropropene
Concen: 21.095 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 75 Resp: 139648
Ion Ratio Lower Upper
75 100
110 34.5 16.9 50.7
77 31.8 24.8 37.2

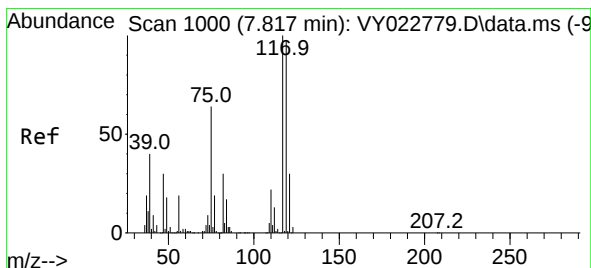
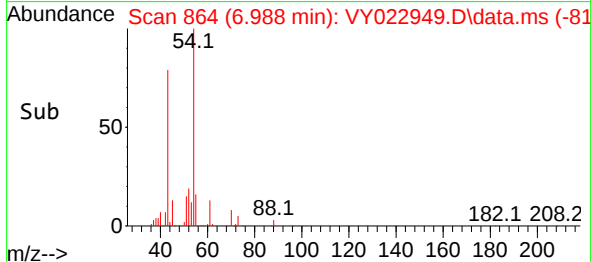
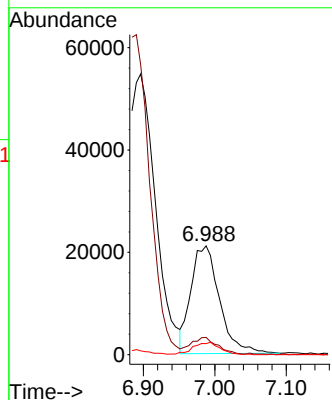
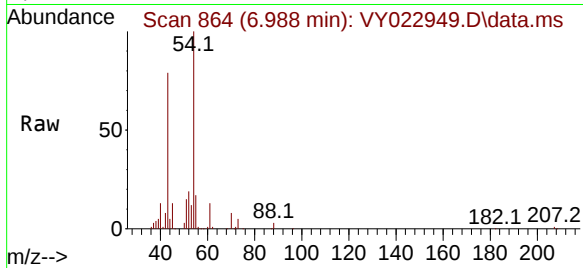




#37
Ethyl Acetate
Concen: 20.437 ug/l
RT: 6.988 min Scan# 81
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

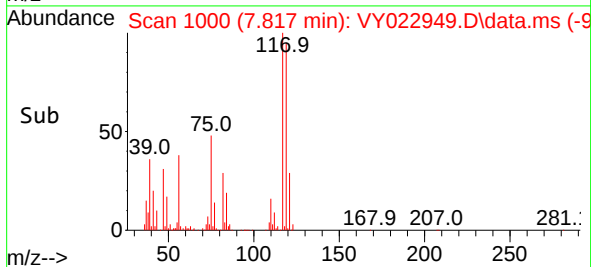
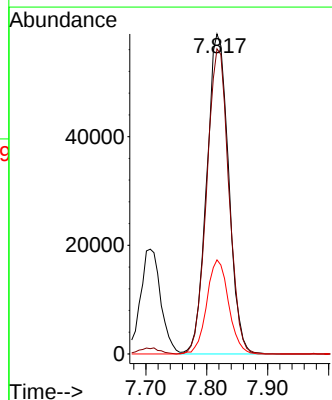
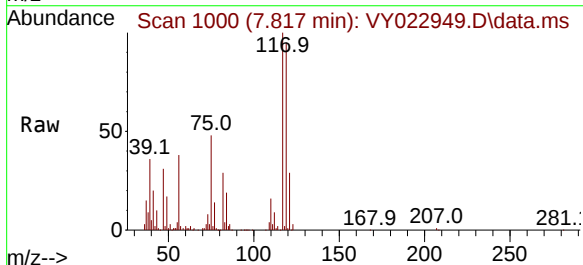
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

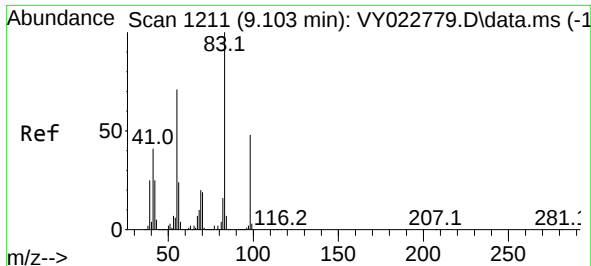
Tgt Ion: 43 Resp: 58380
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 11.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 21.093 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion:117 Resp: 147333
Ion Ratio Lower Upper
117 100
119 95.4 75.0 112.6
121 29.4 25.0 37.4





#39

Methylcyclohexane

Concen: 20.993 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBSD01

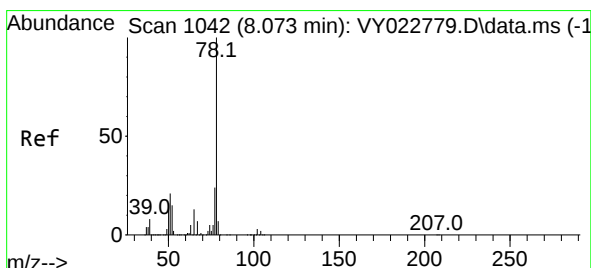
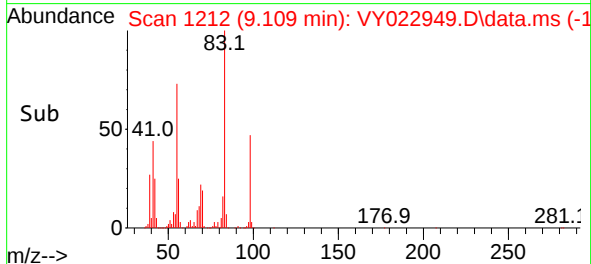
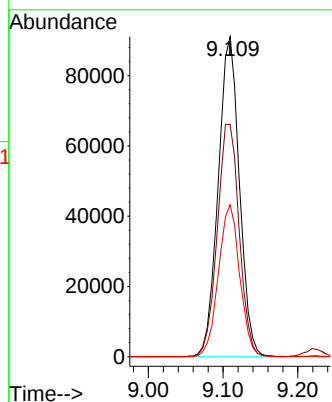
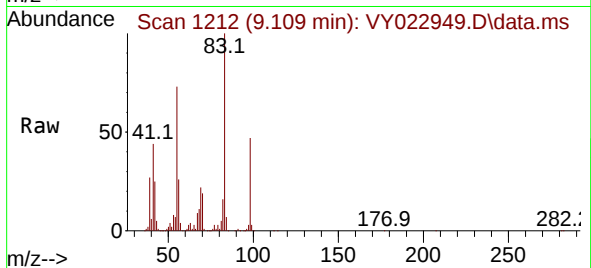
Tgt Ion: 83 Resp: 179844

Ion Ratio Lower Upper

83 100

55 72.6 58.1 87.1

98 47.5 39.0 58.6



#40

Benzene

Concen: 21.348 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022949.D

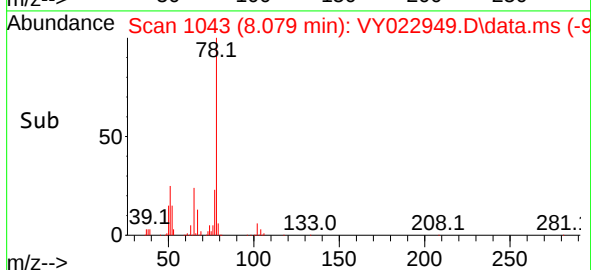
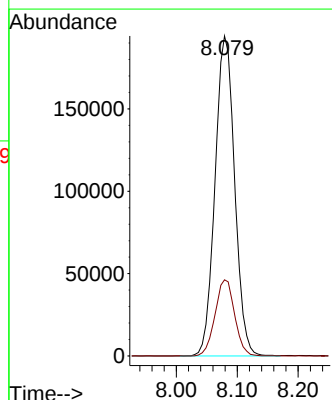
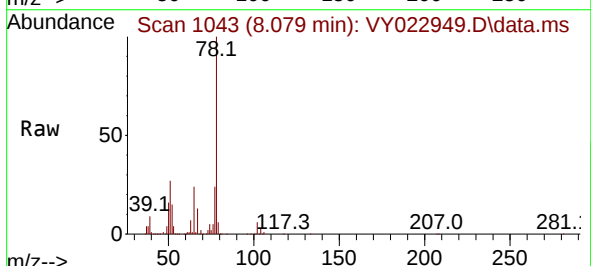
Acq: 07 Jul 2025 10:40

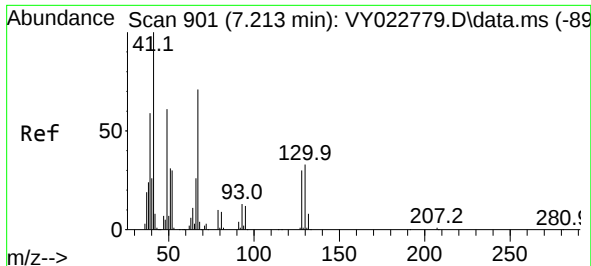
Tgt Ion: 78 Resp: 434488

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9



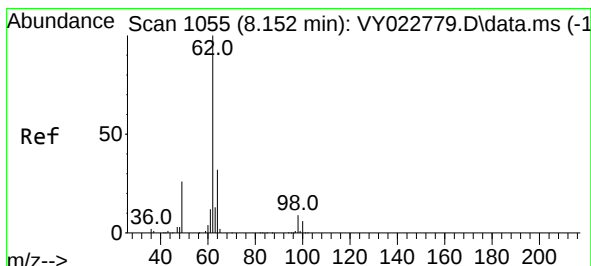
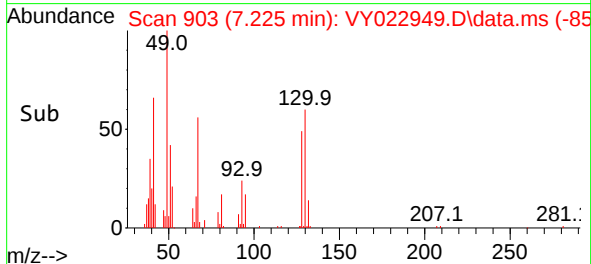
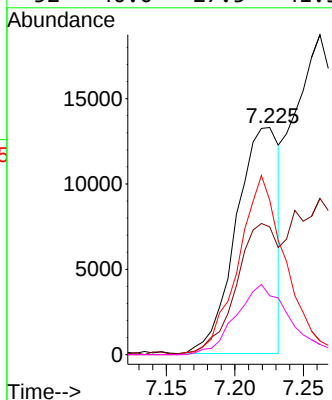
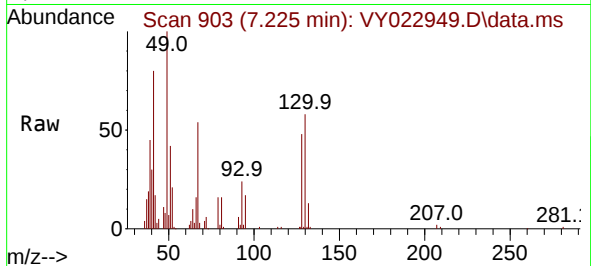


#41
Methacrylonitrile
Concen: 16.385 ug/l
RT: 7.225 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

Tgt Ion: 41 Resp: 28815

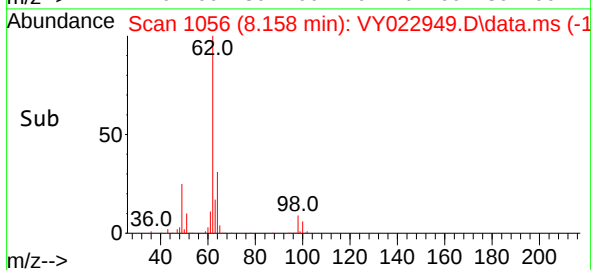
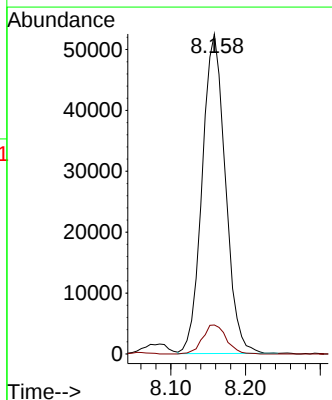
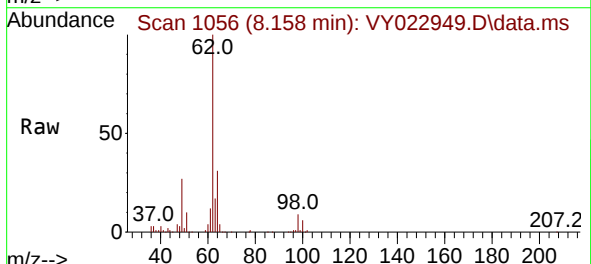
Ion	Ratio	Lower	Upper
41	100		
39	55.7	46.6	69.8
67	88.6	63.3	94.9
52	40.0	27.5	41.3

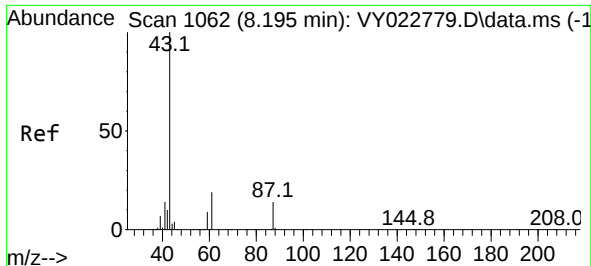


#42
1,2-Dichloroethane
Concen: 20.305 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 62 Resp: 113244

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2

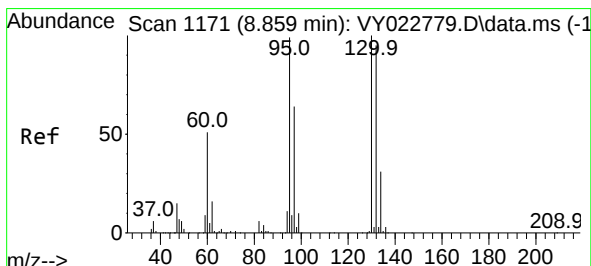
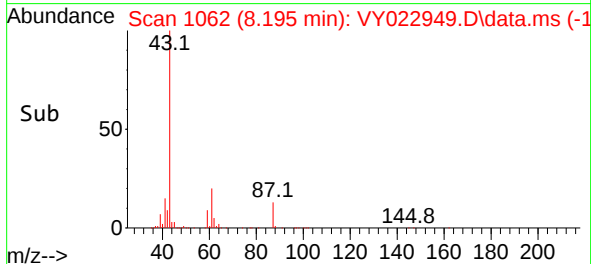
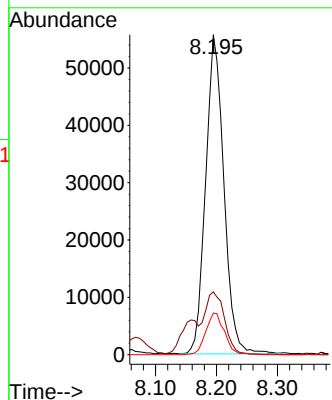
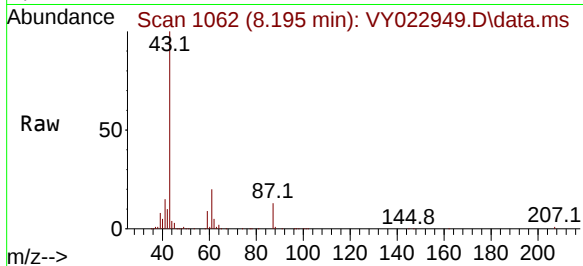




#43
Isopropyl Acetate
Concen: 19.494 ug/l
RT: 8.195 min Scan# 115734
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

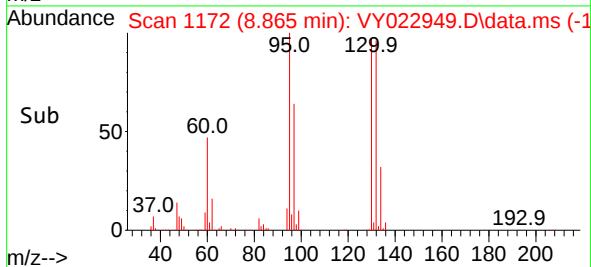
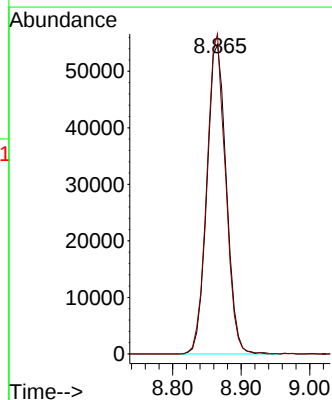
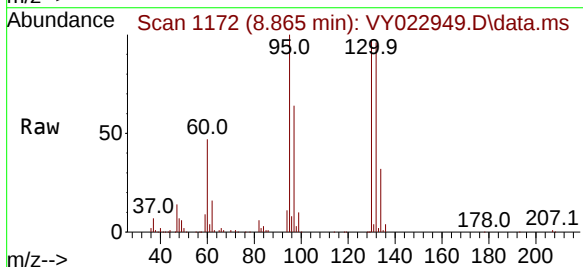
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

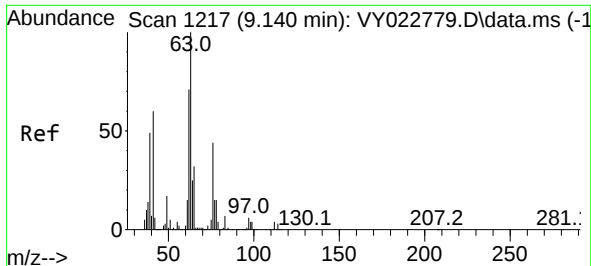
Tgt Ion: 43 Resp: 115734
Ion Ratio Lower Upper
43 100
61 21.4 15.6 23.4
87 13.4 10.2 15.4



#44
Trichloroethene
Concen: 21.099 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion:130 Resp: 107816
Ion Ratio Lower Upper
130 100
95 103.5 0.0 203.0





#45

1,2-Dichloropropane

Concen: 21.737 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

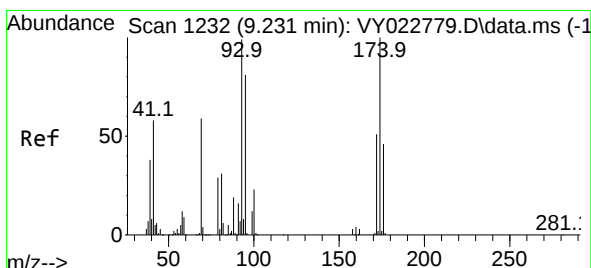
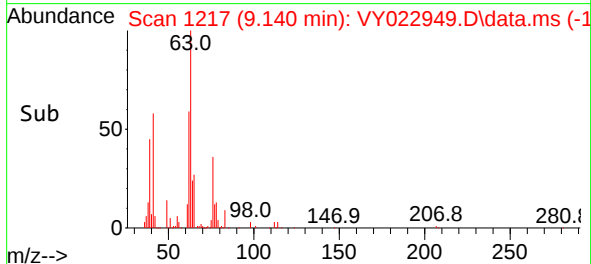
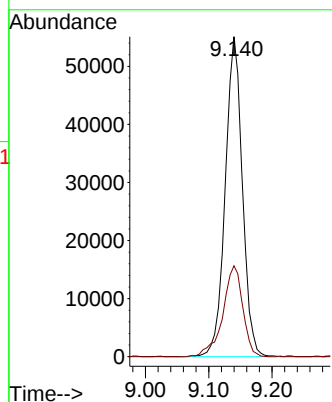
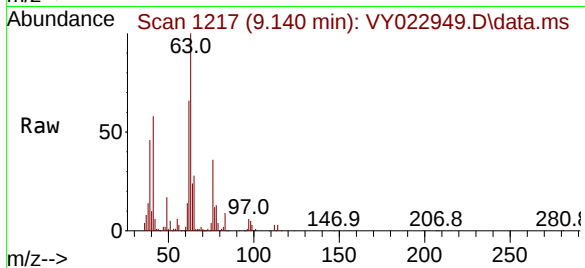
VY0707SBSD01

Tgt Ion: 63 Resp: 103546

Ion Ratio Lower Upper

63 100

65 28.4 24.0 36.0



#46

Dibromomethane

Concen: 20.404 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

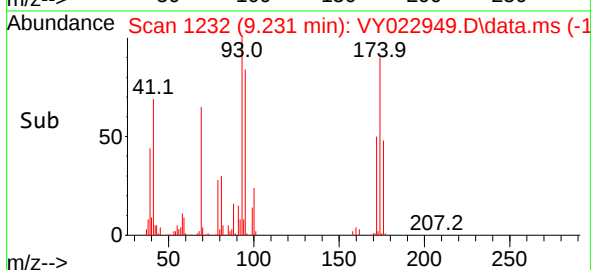
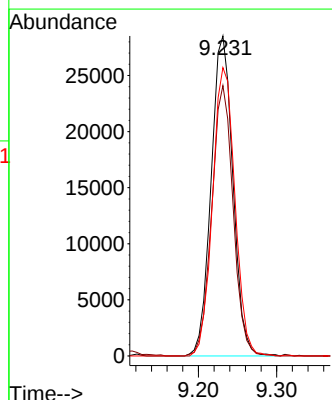
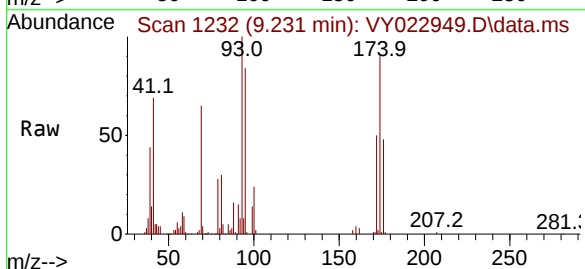
Tgt Ion: 93 Resp: 55174

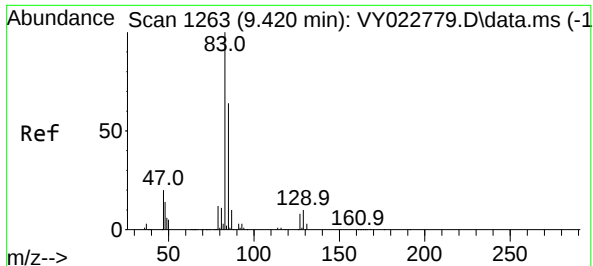
Ion Ratio Lower Upper

93 100

95 82.8 65.6 98.4

174 92.3 70.4 105.6

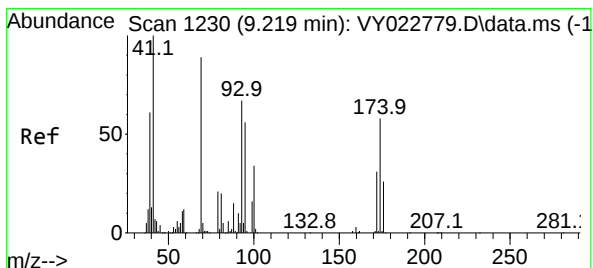
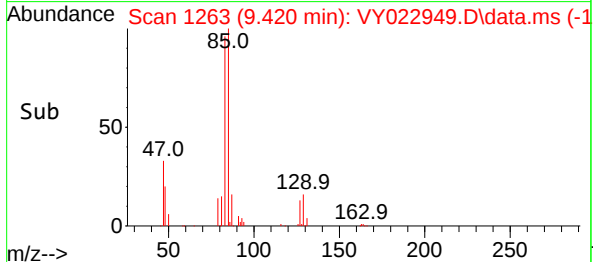
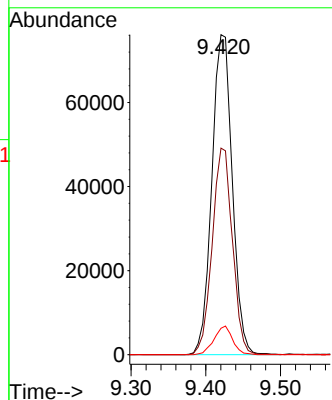
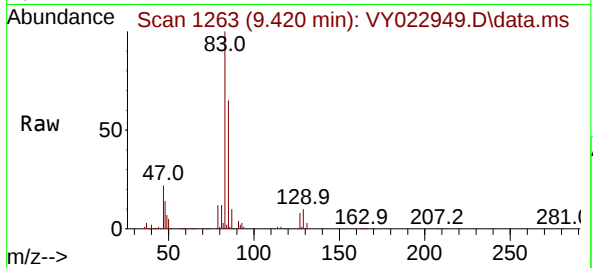




#47
Bromodichloromethane
Concen: 20.737 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

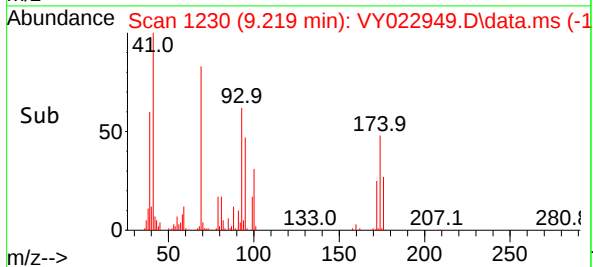
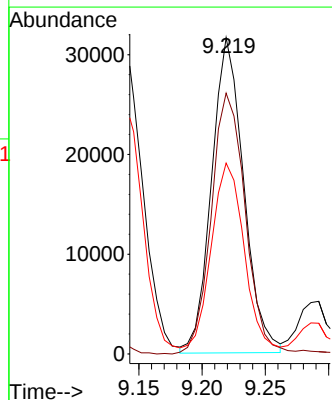
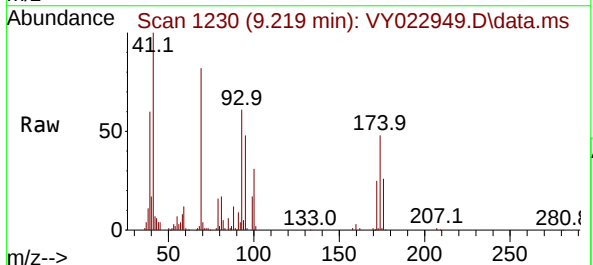
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

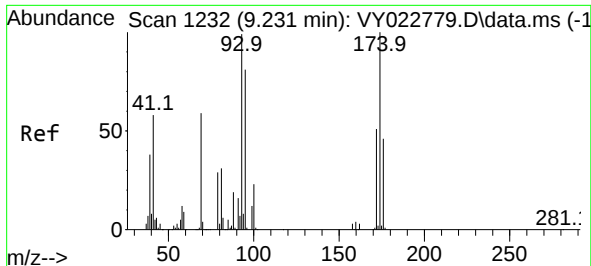
Tgt Ion: 83 Resp: 144602
Ion Ratio Lower Upper
83 100
85 64.5 49.1 73.7
127 8.2 6.2 9.4



#48
Methyl methacrylate
Concen: 19.561 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 41 Resp: 55830
Ion Ratio Lower Upper
41 100
69 87.5 67.8 101.8
39 58.9 55.0 82.4





#49

1,4-Dioxane

Concen: 381.591 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.012 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBSD01

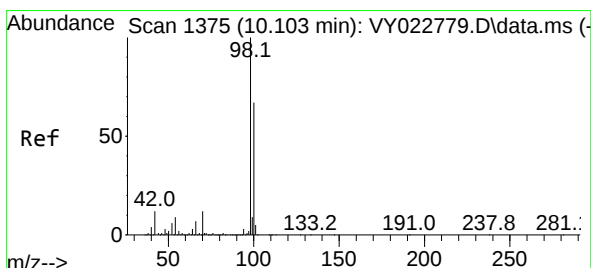
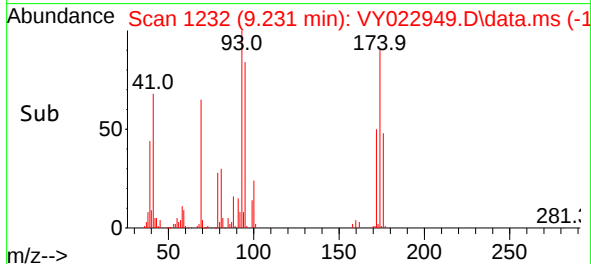
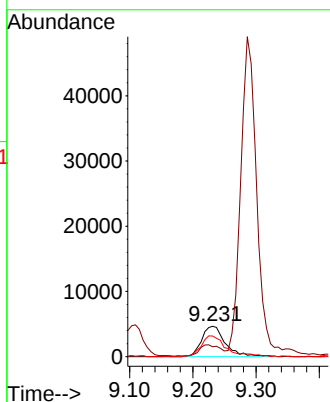
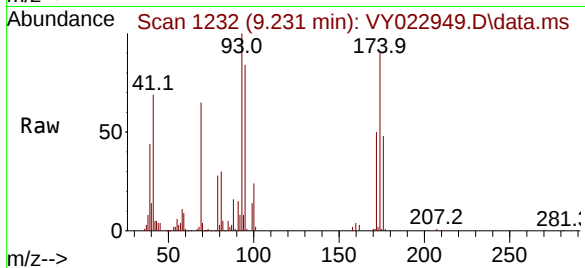
Tgt Ion: 88 Resp: 12191

Ion Ratio Lower Upper

88 100

43 32.8 25.4 38.2

58 72.2 54.9 82.3



#50

Toluene-d8

Concen: 50.110 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022949.D

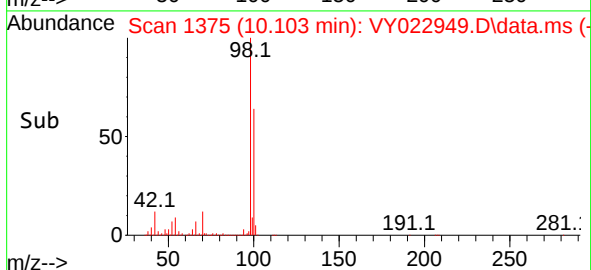
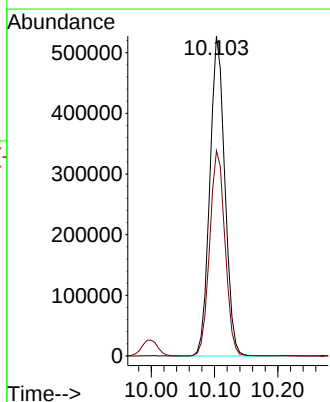
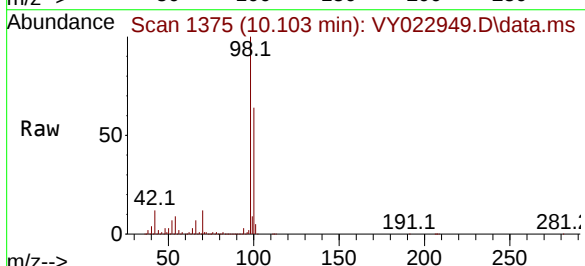
Acq: 07 Jul 2025 10:40

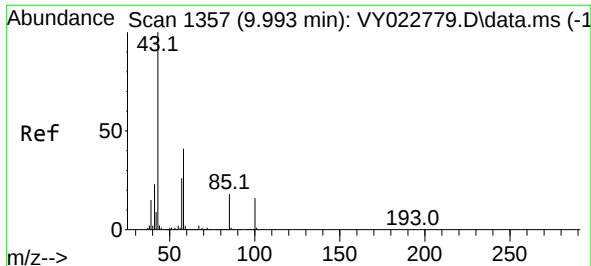
Tgt Ion: 98 Resp: 868411

Ion Ratio Lower Upper

98 100

100 65.6 51.4 77.0

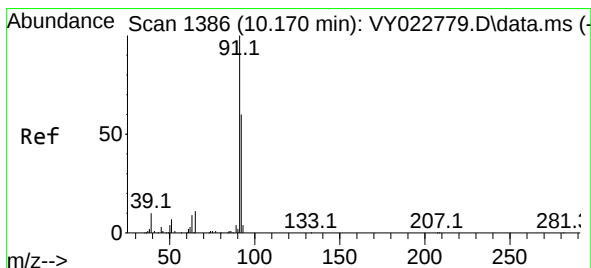
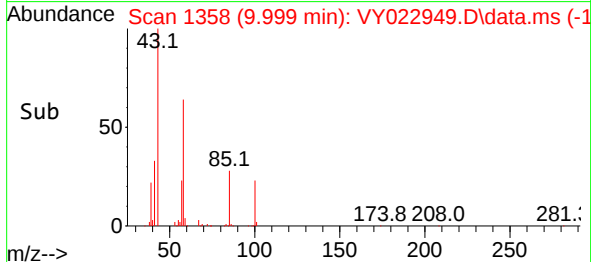
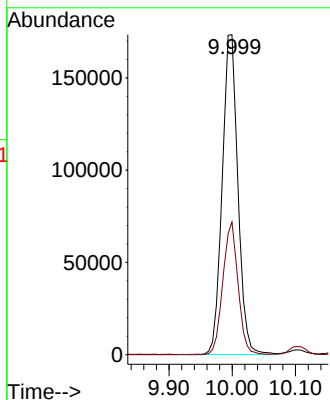
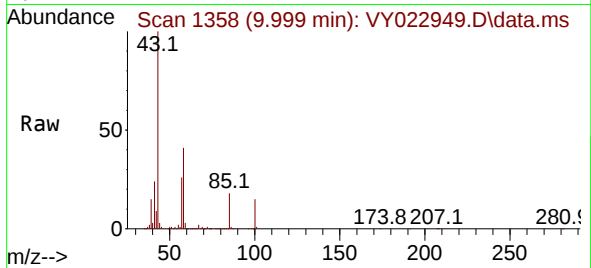




#51
4-Methyl-2-Pentanone
Concen: 98.961 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

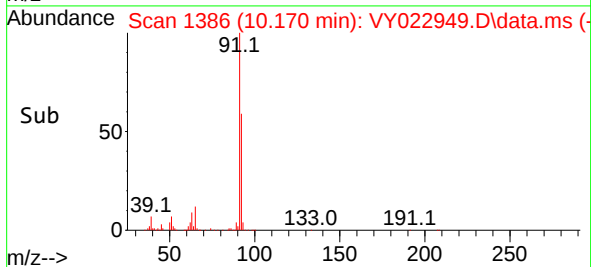
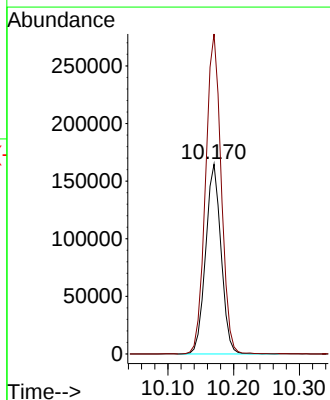
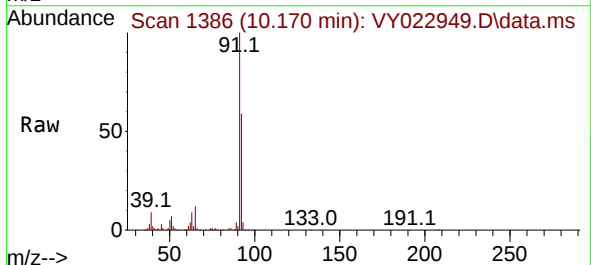
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

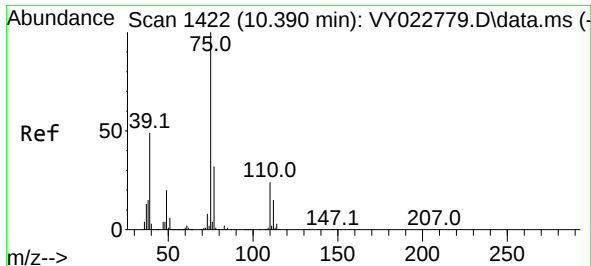
Tgt Ion: 43 Resp: 298569
Ion Ratio Lower Upper
43 100
58 40.1 30.4 45.6



#52
Toluene
Concen: 20.893 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 92 Resp: 268277
Ion Ratio Lower Upper
92 100
91 170.8 139.0 208.4

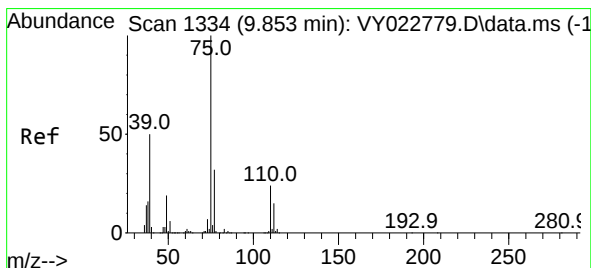
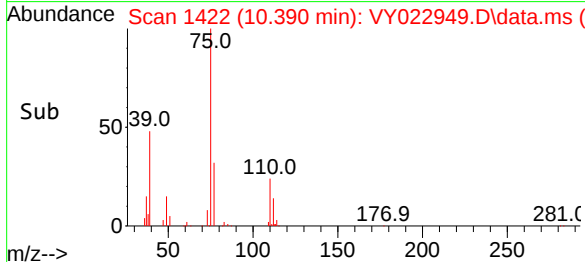
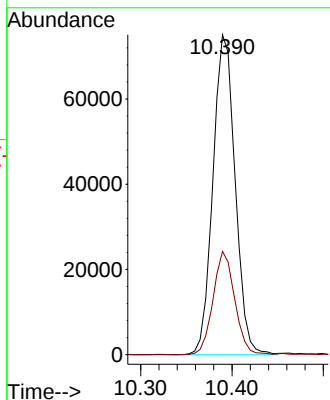
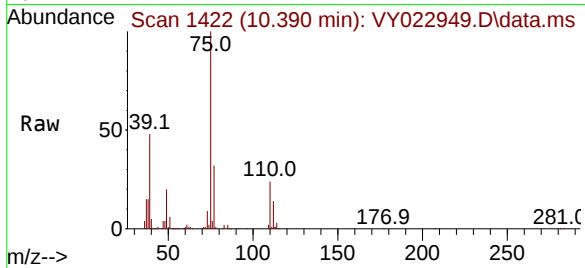




#53
 t-1,3-Dichloropropene
 Concen: 20.190 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY022949.D
 Acq: 07 Jul 2025 10:40

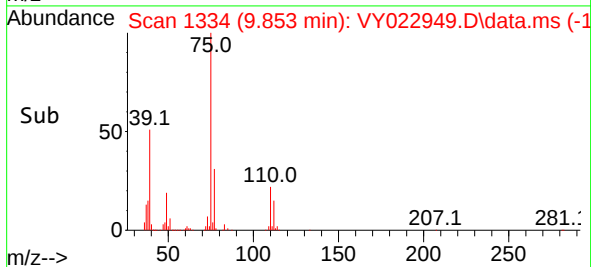
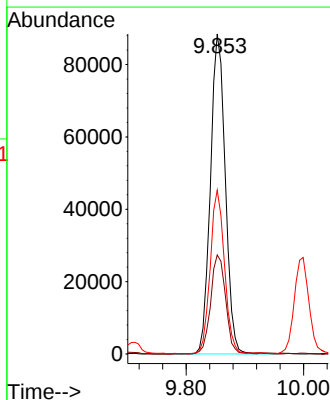
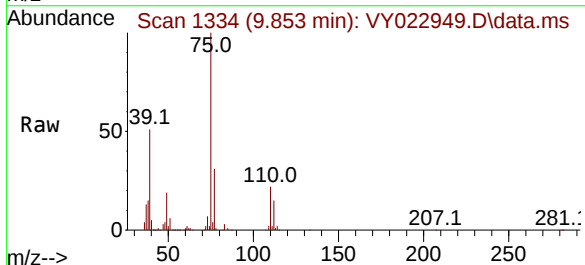
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

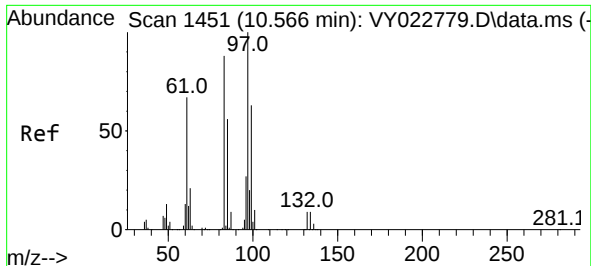
Tgt Ion: 75 Resp: 126670
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 21.378 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY022949.D
 Acq: 07 Jul 2025 10:40

Tgt Ion: 75 Resp: 155514
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.3 37.9
 39 51.1 42.7 64.1

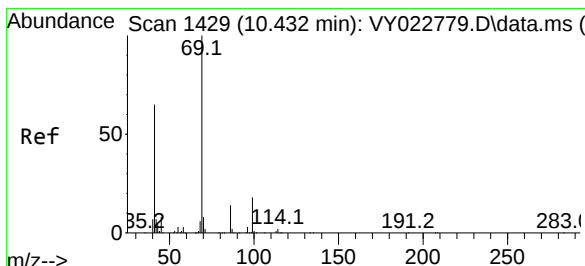
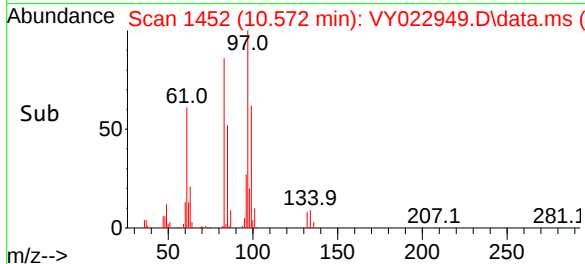
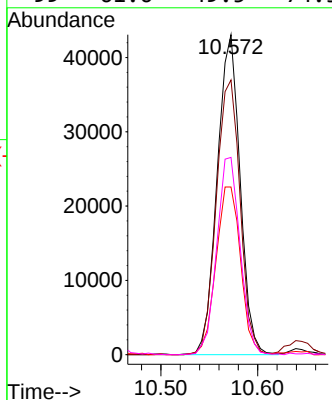
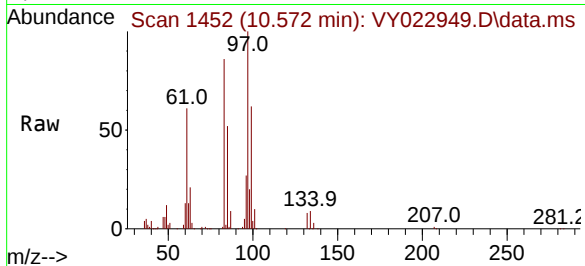




#55
1,1,2-Trichloroethane
Concen: 20.256 ug/l
RT: 10.572 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

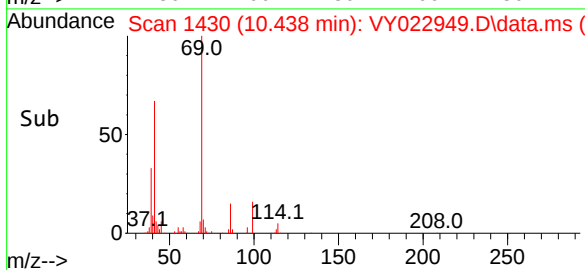
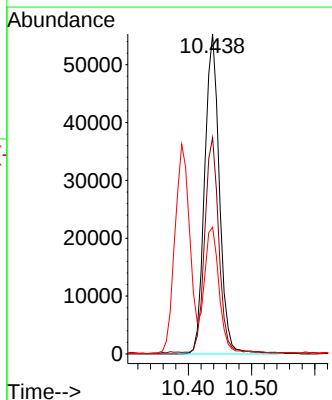
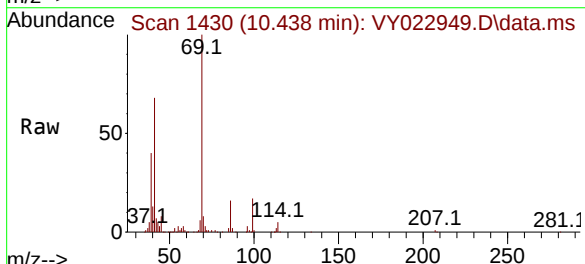
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

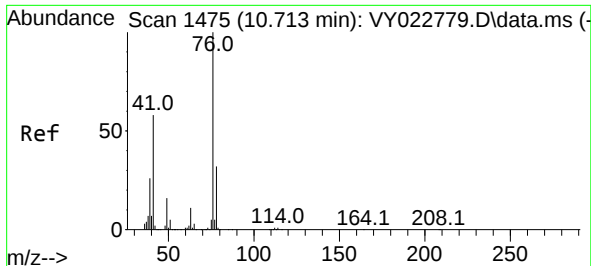
Tgt Ion:	97	Resp:	70925
Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.1	102.1
85	52.4	48.2	72.2
99	61.6	49.5	74.3



#56
Ethyl methacrylate
Concen: 19.057 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion:	69	Resp:	89776
Ion	Ratio	Lower	Upper
69	100		
41	64.0	52.2	78.2
39	40.0	36.7	55.1





#57

1,3-Dichloropropane

Concen: 20.261 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

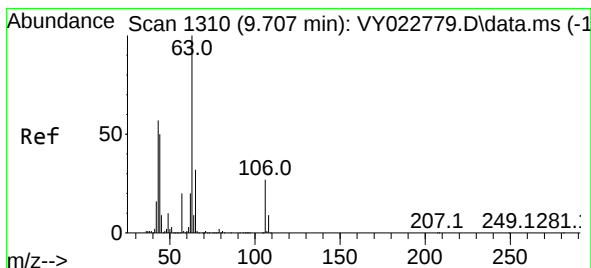
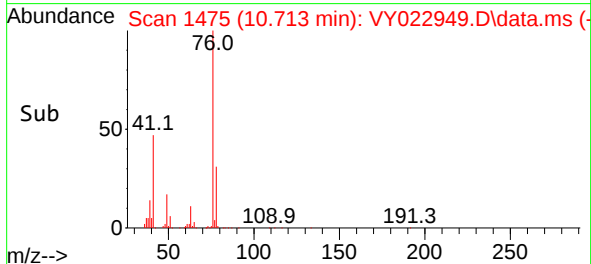
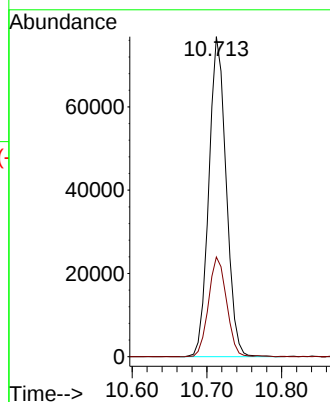
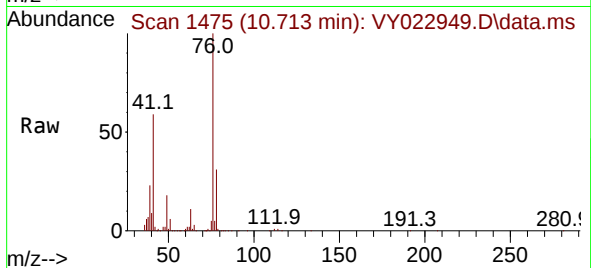
VY0707SBS01

Tgt Ion: 76 Resp: 123778

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.787 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022949.D

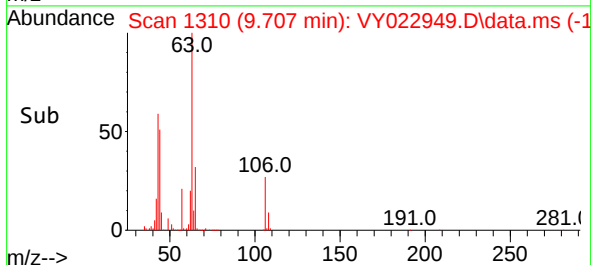
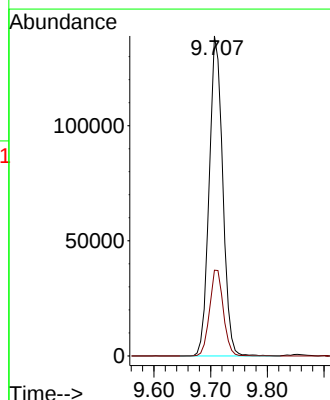
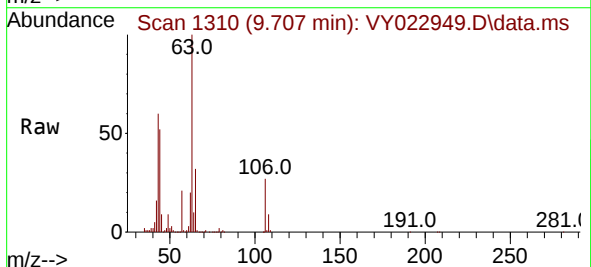
Acq: 07 Jul 2025 10:40

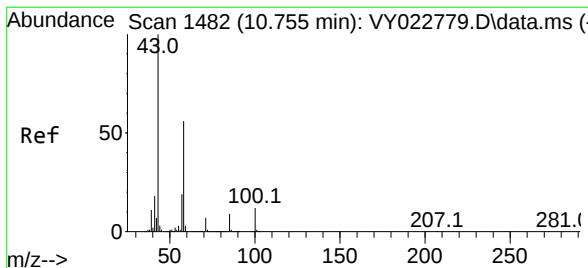
Tgt Ion: 63 Resp: 230148

Ion Ratio Lower Upper

63 100

106 27.3 21.6 32.4

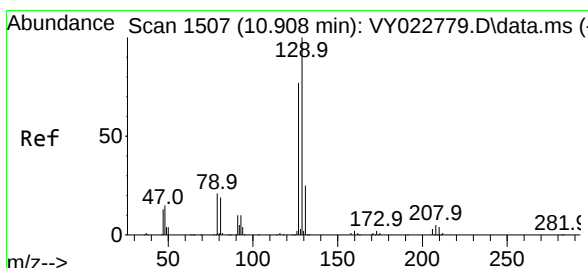
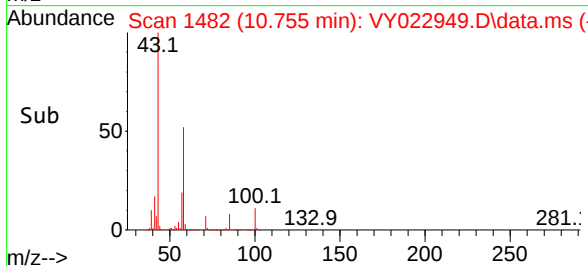
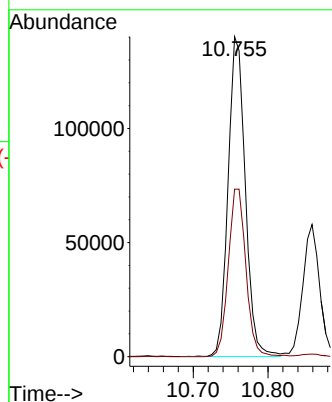
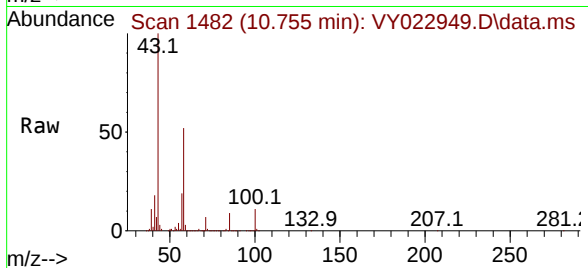




#59
2-Hexanone
Concen: 109.413 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

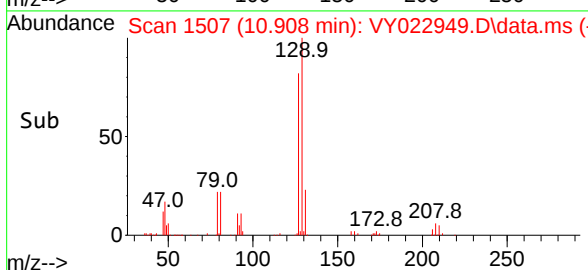
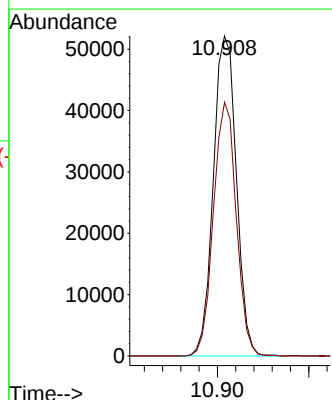
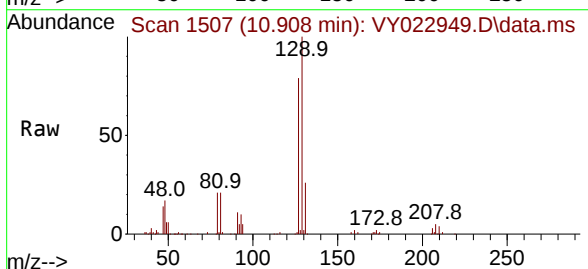
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

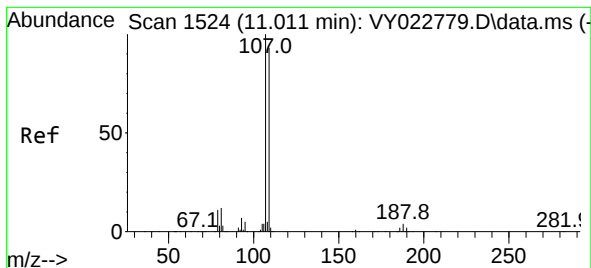
Tgt Ion: 43 Resp: 224430
Ion Ratio Lower Upper
43 100
58 53.9 27.3 81.8



#60
Dibromochloromethane
Concen: 20.177 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 129 Resp: 91255
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2

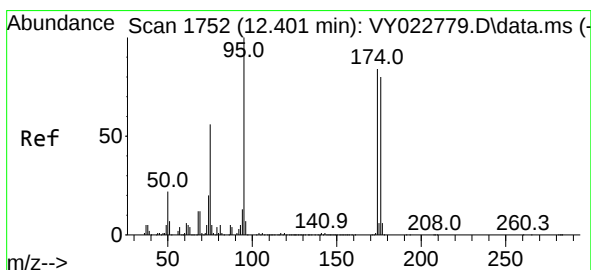
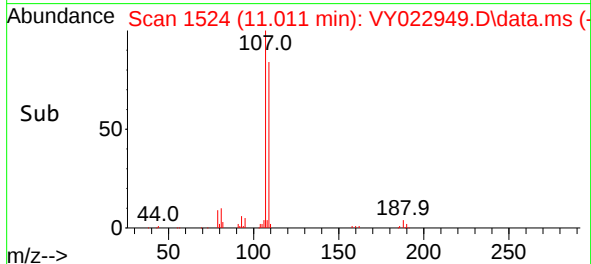
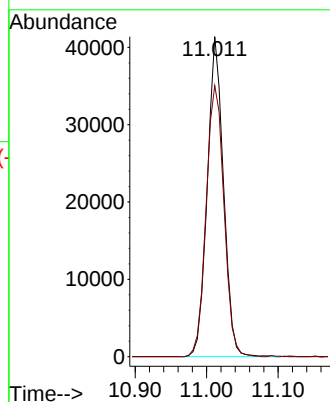
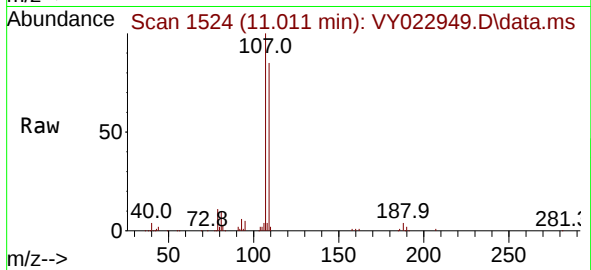




#61
1,2-Dibromoethane
Concen: 19.878 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

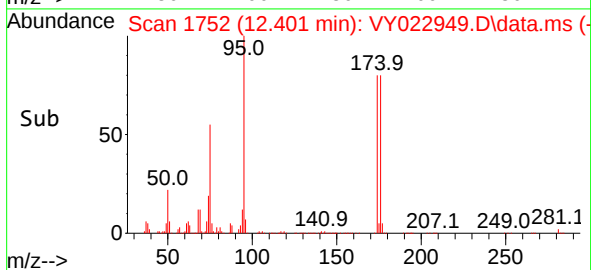
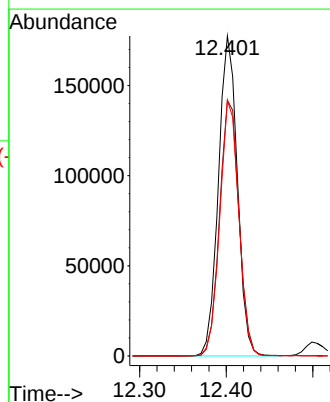
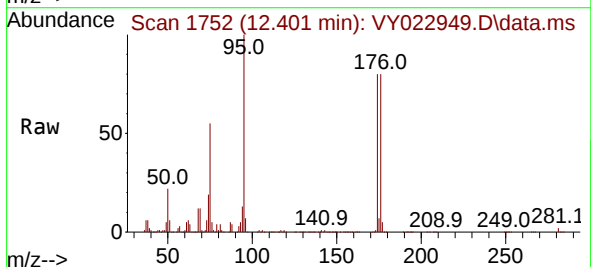
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

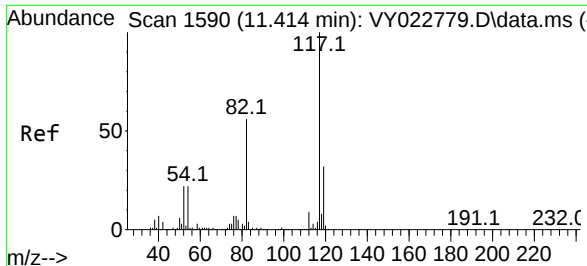
Tgt Ion:107 Resp: 65132
Ion Ratio Lower Upper
107 100
109 93.3 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 48.361 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 95 Resp: 269424
Ion Ratio Lower Upper
95 100
174 81.8 0.0 170.0
176 79.8 0.0 166.2

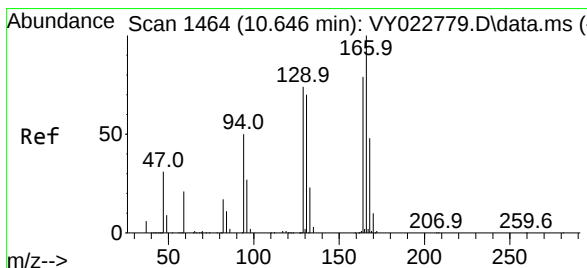
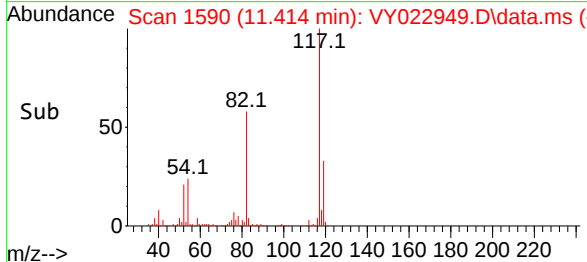
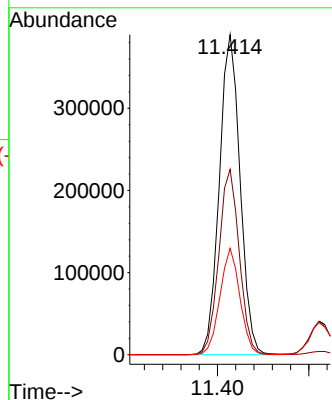
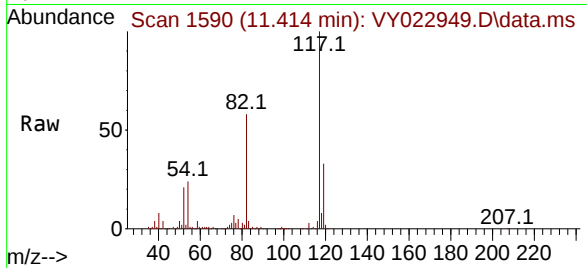




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

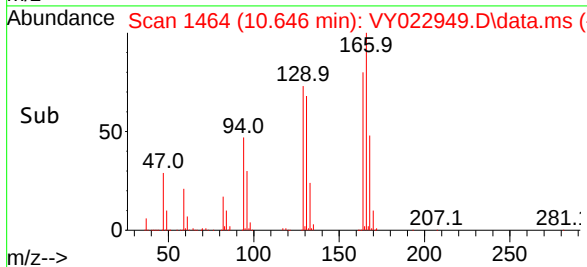
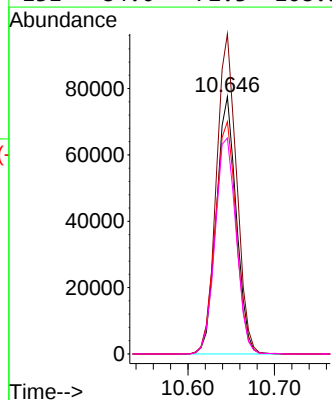
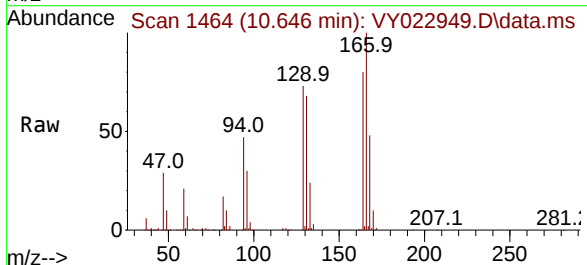
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

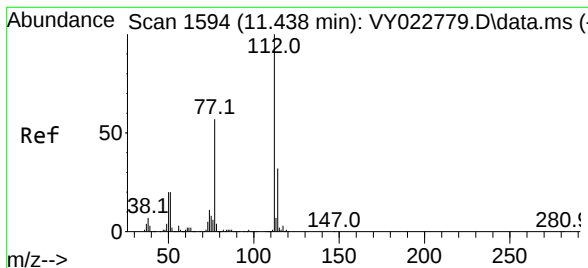
Tgt Ion:117 Resp: 614643
Ion Ratio Lower Upper
117 100
82 57.9 44.6 66.8
119 33.2 25.4 38.0



#64
Tetrachloroethene
Concen: 21.431 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion:164 Resp: 124440
Ion Ratio Lower Upper
164 100
166 124.4 104.0 156.0
129 90.3 74.5 111.7
131 84.0 72.3 108.5

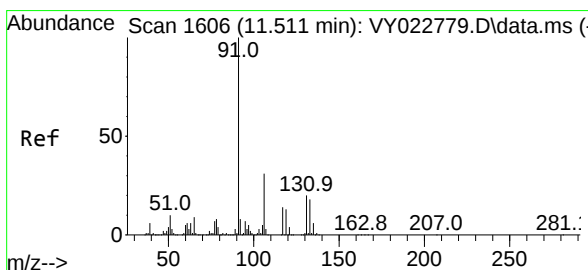
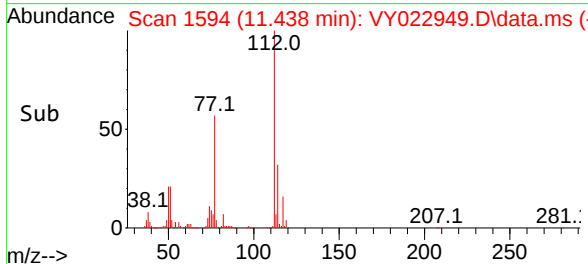
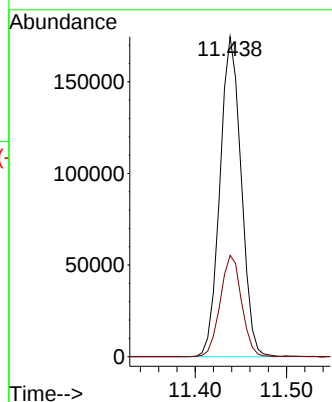
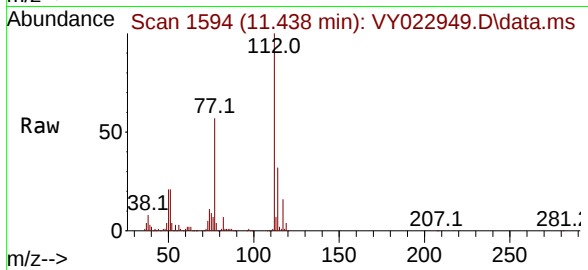




#65
Chlorobenzene
Concen: 20.918 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

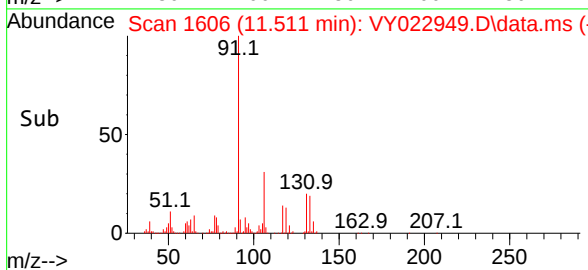
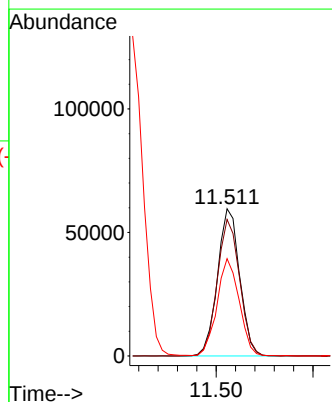
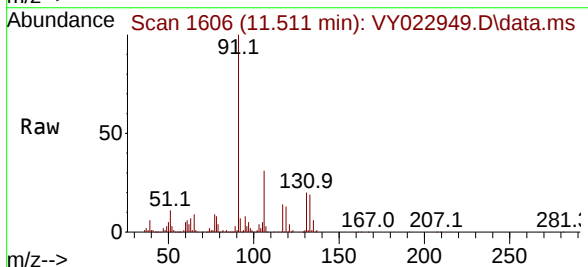
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

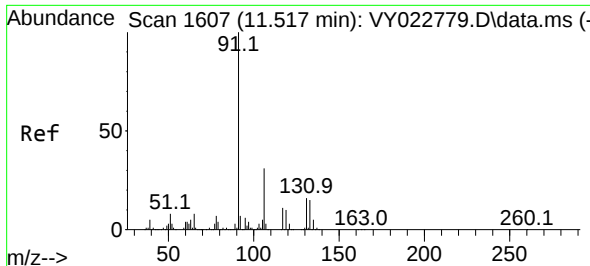
Tgt Ion:112 Resp: 282506
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.722 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion:131 Resp: 94791
Ion Ratio Lower Upper
131 100
133 93.9 47.3 141.8
119 66.3 33.1 99.3





#67

Ethyl Benzene

Concen: 20.657 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

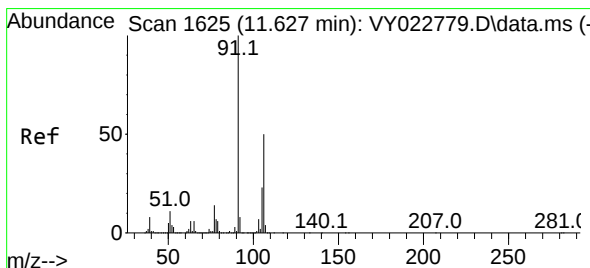
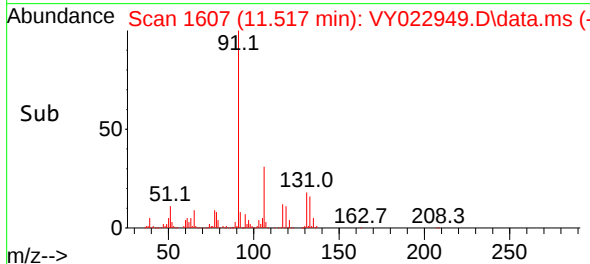
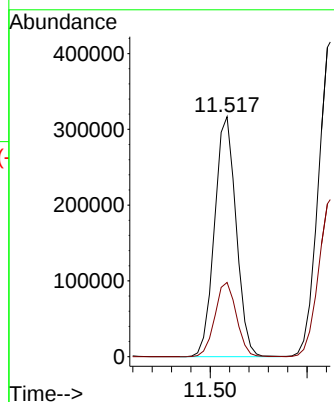
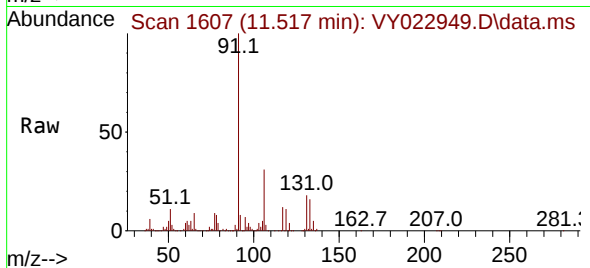
VY0707SBSD01

Tgt Ion: 91 Resp: 490175

Ion Ratio Lower Upper

91 100

106 31.0 24.2 36.4



#68

m/p-Xylenes

Concen: 41.392 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022949.D

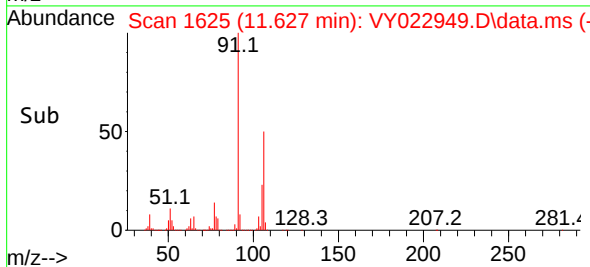
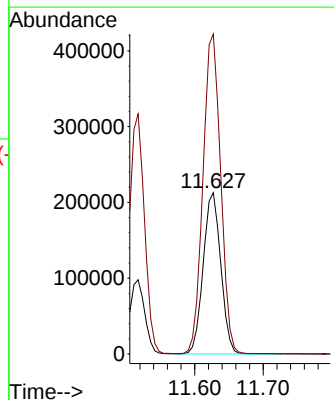
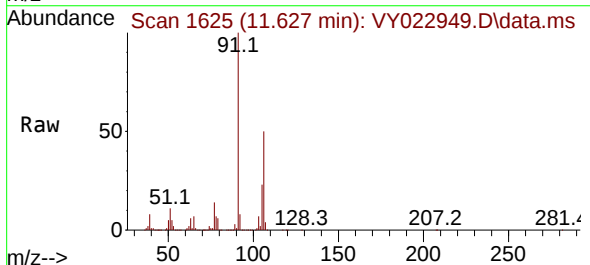
Acq: 07 Jul 2025 10:40

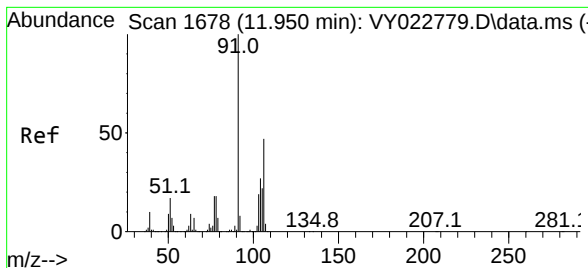
Tgt Ion:106 Resp: 379687

Ion Ratio Lower Upper

106 100

91 200.0 159.4 239.0

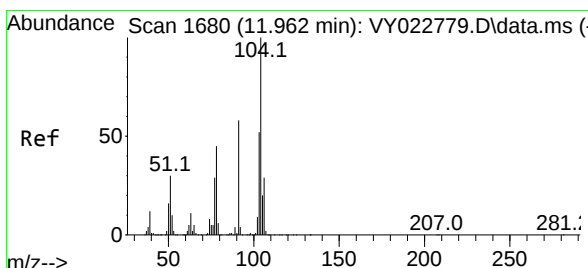
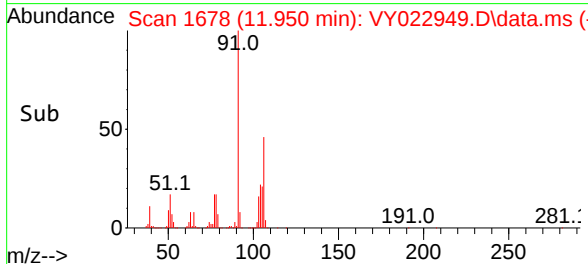
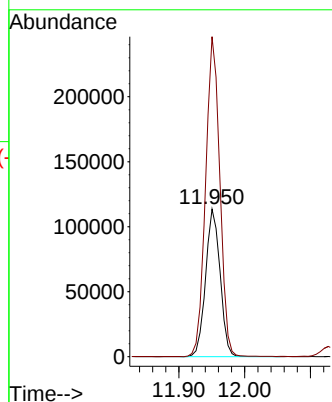
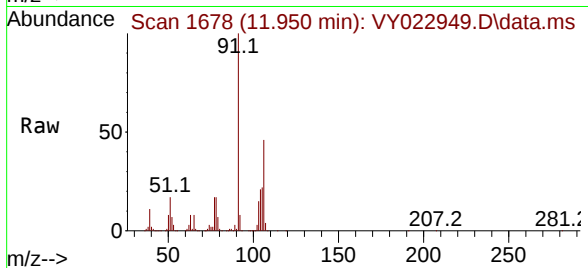




#69
o-Xylene
Concen: 20.114 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

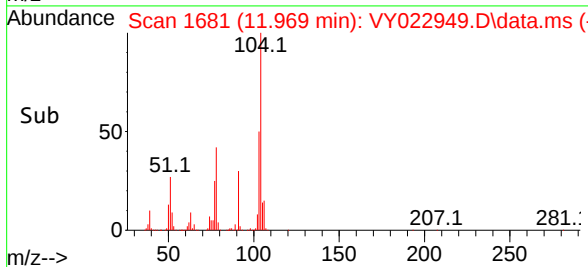
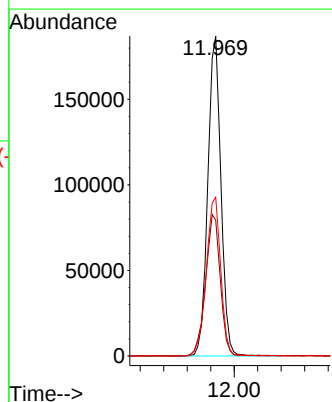
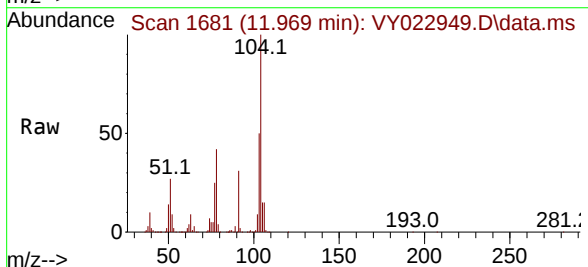
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

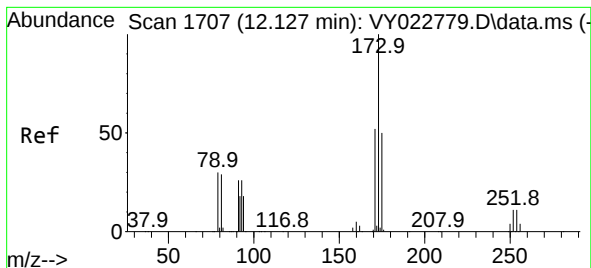
Tgt Ion:106 Resp: 173849
Ion Ratio Lower Upper
106 100
91 213.6 105.8 317.3



#70
Styrene
Concen: 20.058 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion:104 Resp: 290400
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 54.5 44.1 66.1





#71

Bromoform

Concen: 19.524 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

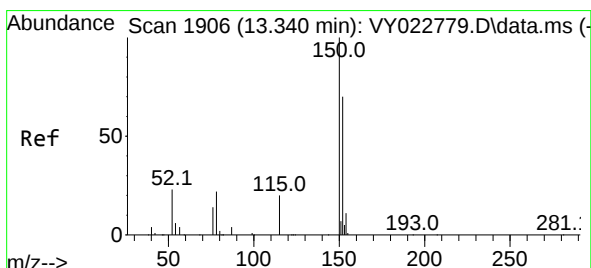
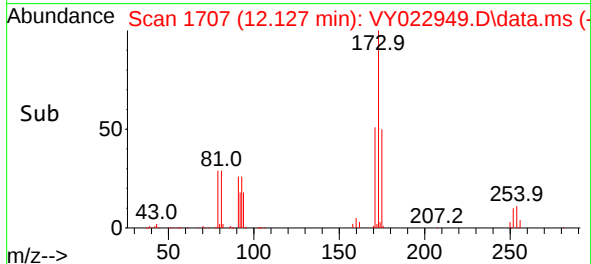
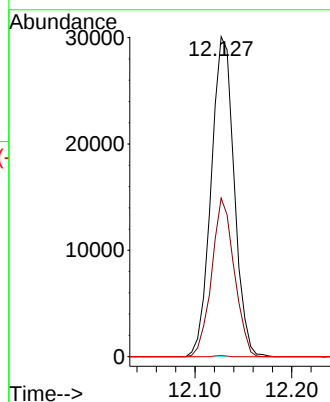
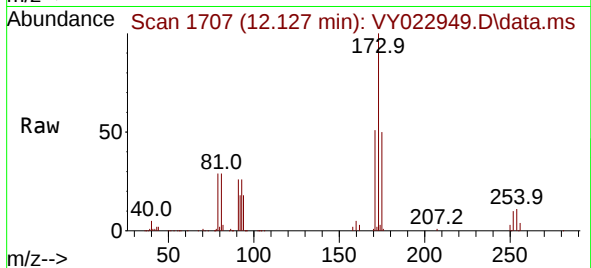
Tgt Ion:173 Resp: 49730

Ion Ratio Lower Upper

173 100

175 48.4 23.8 71.5

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

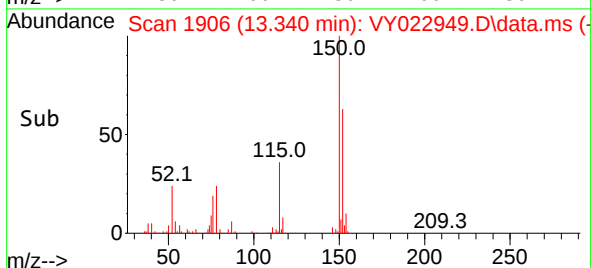
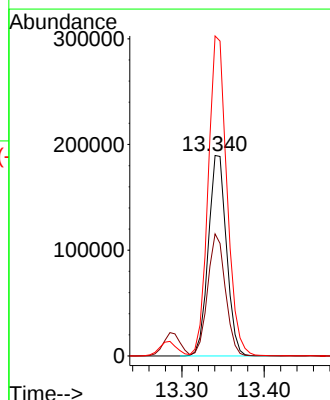
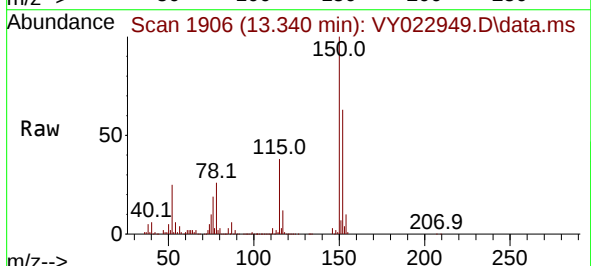
Tgt Ion:152 Resp: 290747

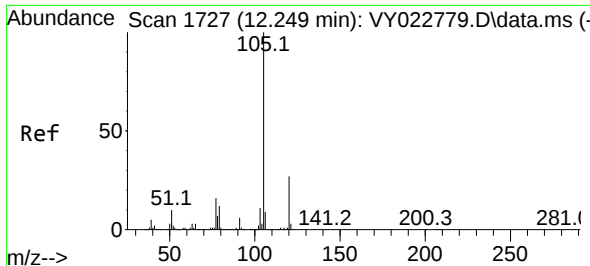
Ion Ratio Lower Upper

152 100

115 59.3 28.9 86.7

150 164.3 0.0 349.6

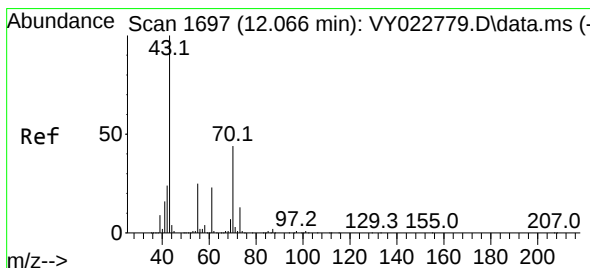
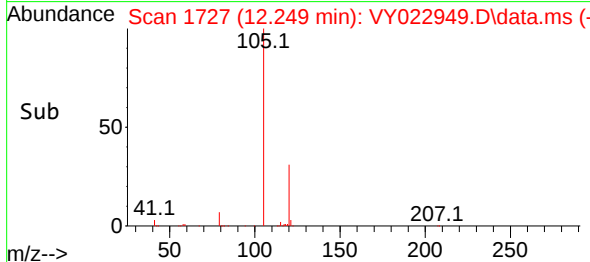
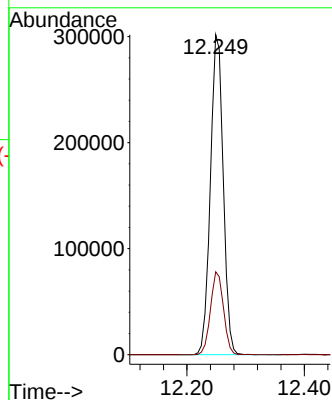
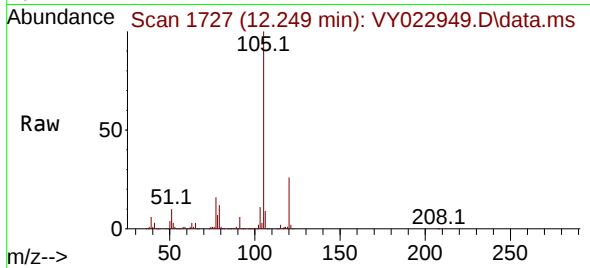




#73
Isopropylbenzene
Concen: 21.257 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

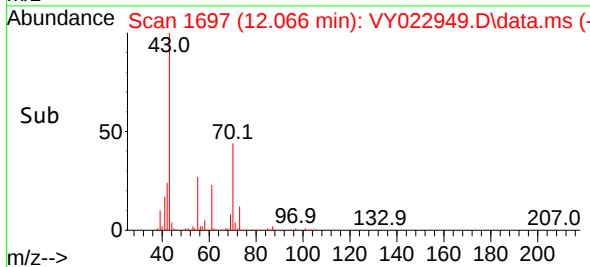
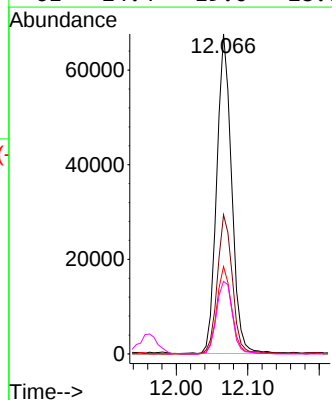
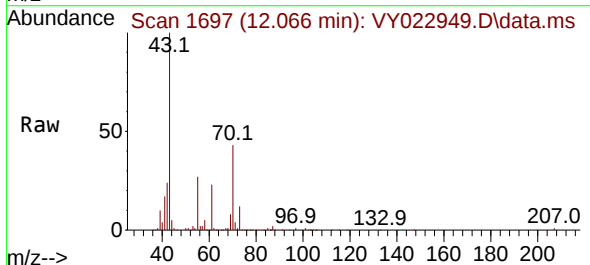
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

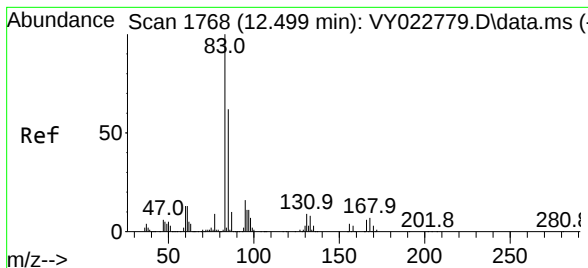
Tgt Ion:105 Resp: 457080
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 20.212 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 43 Resp: 97556
Ion Ratio Lower Upper
43 100
70 44.3 34.2 51.2
55 27.6 18.2 27.4#
61 24.4 19.0 28.6

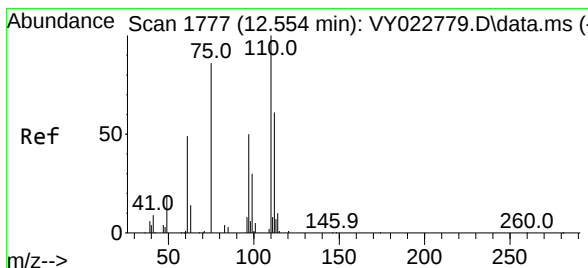
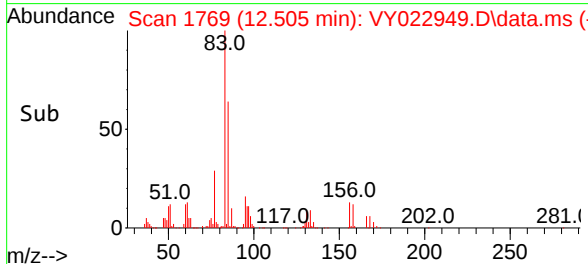
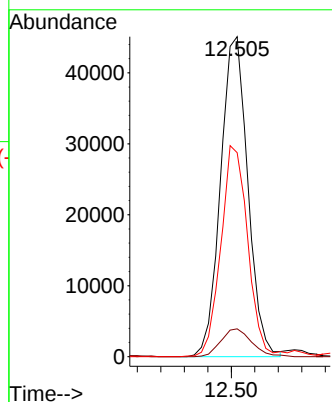
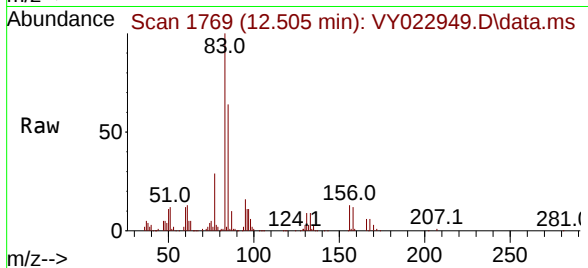




#75
 1,1,2-Tetrachloroethane
 Concen: 21.017 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022949.D
 Acq: 07 Jul 2025 10:40

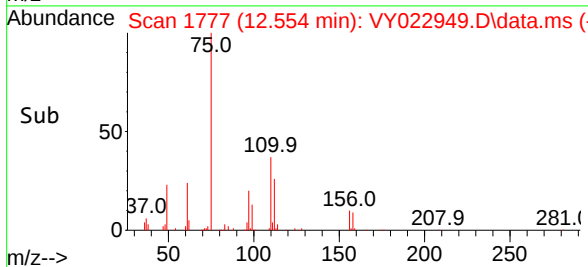
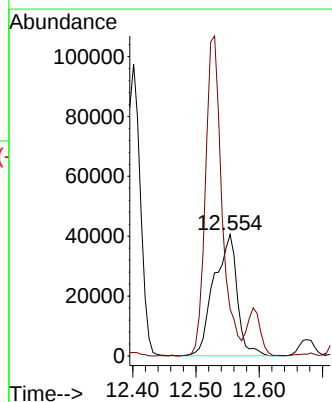
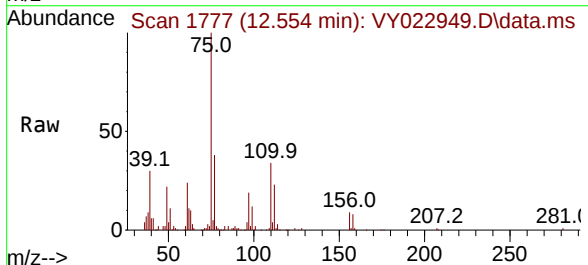
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

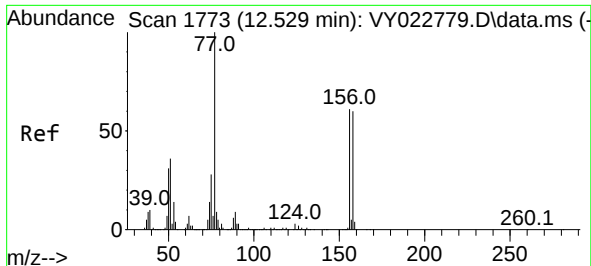
Tgt Ion: 83 Resp: 72835
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.9 14.7
 85 65.0 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 34.710 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022949.D
 Acq: 07 Jul 2025 10:40

Tgt Ion: 75 Resp: 103029
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

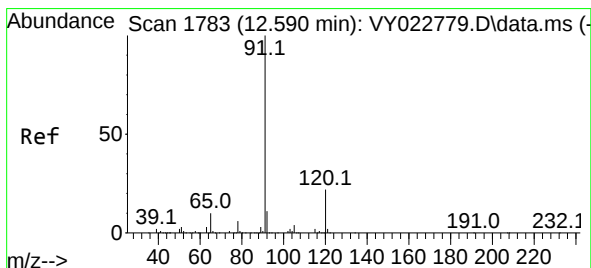
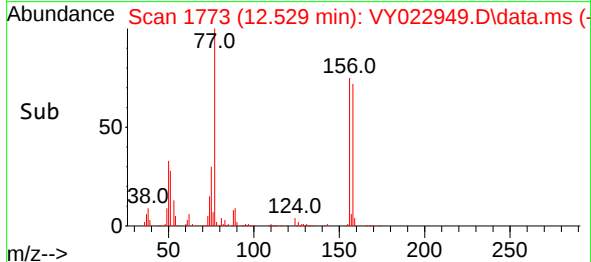
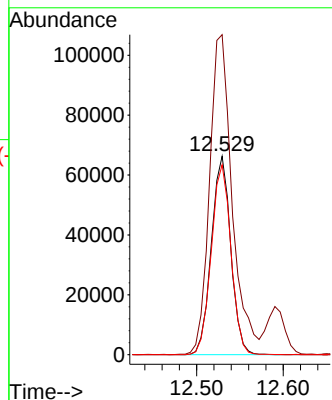
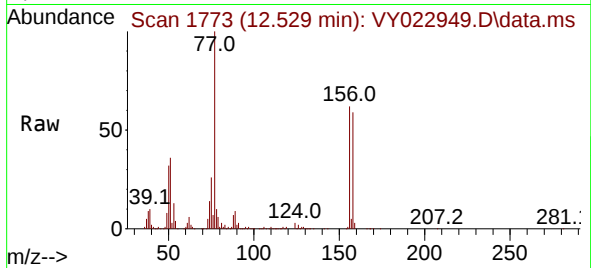




#77
Bromobenzene
Concen: 21.149 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

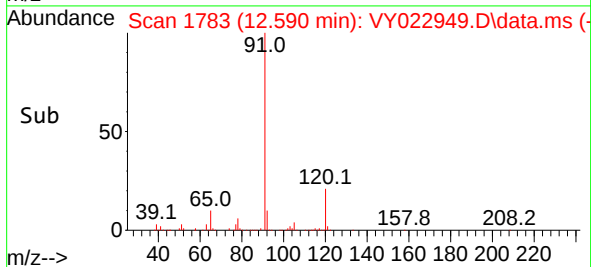
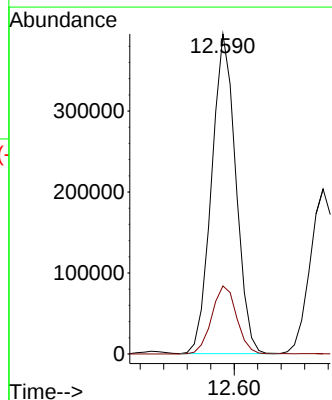
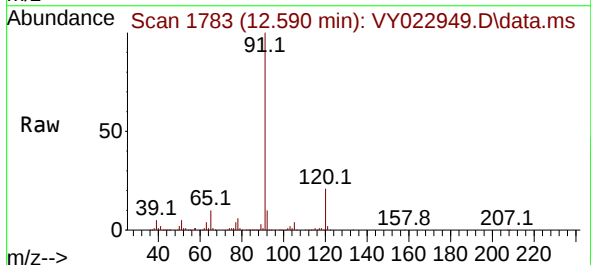
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

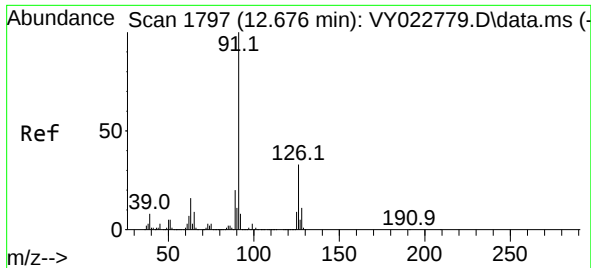
Tgt Ion:156 Resp: 103077
Ion Ratio Lower Upper
156 100
77 188.4 94.0 282.1
158 97.0 48.2 144.6



#78
n-propylbenzene
Concen: 21.722 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 91 Resp: 563934
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.4

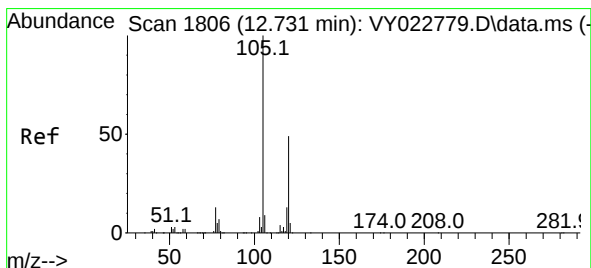
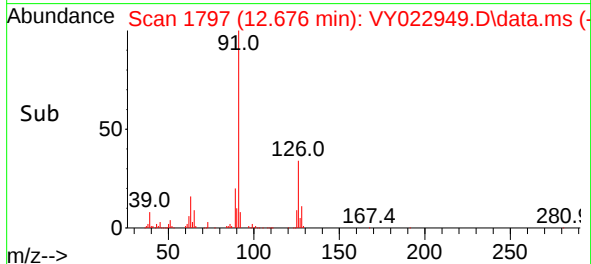
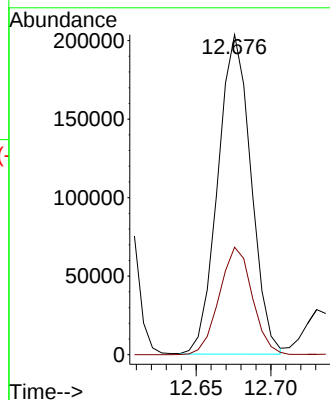
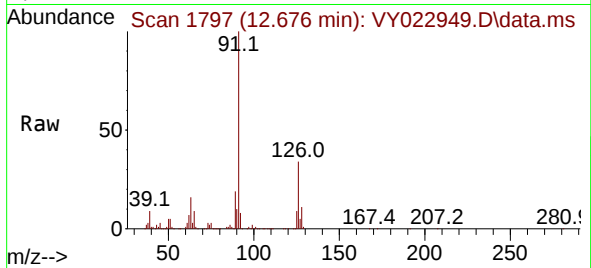




#79
2-Chlorotoluene
Concen: 21.391 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

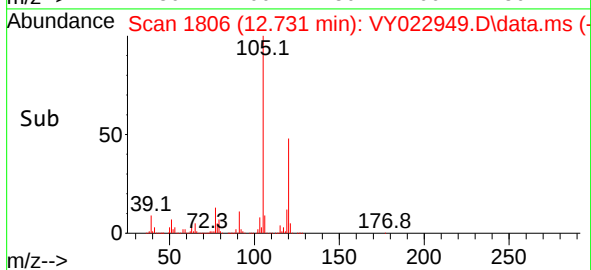
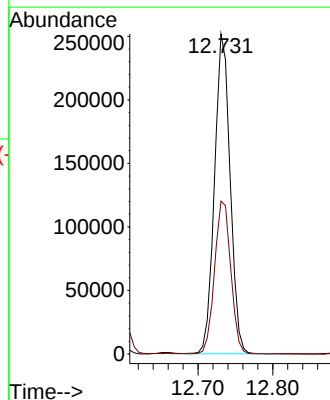
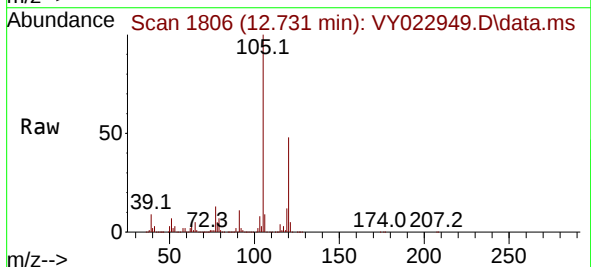
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

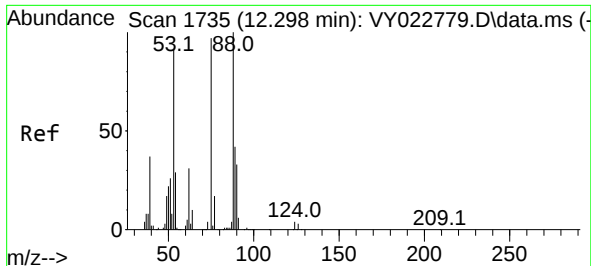
Tgt Ion: 91 Resp: 313758
Ion Ratio Lower Upper
91 100
126 33.5 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.180 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 105 Resp: 367656
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.4

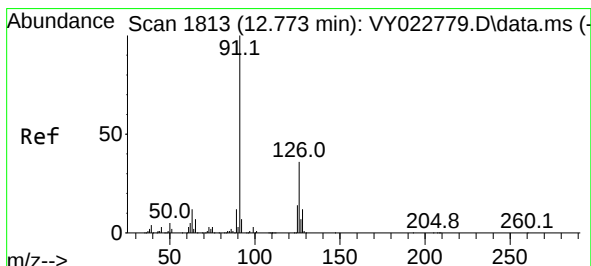
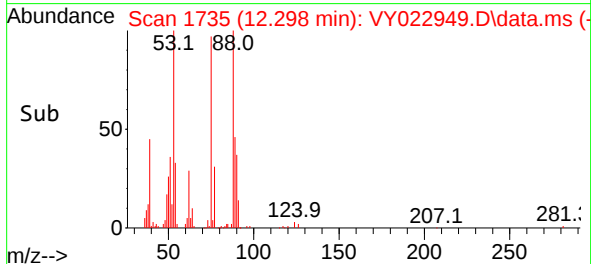
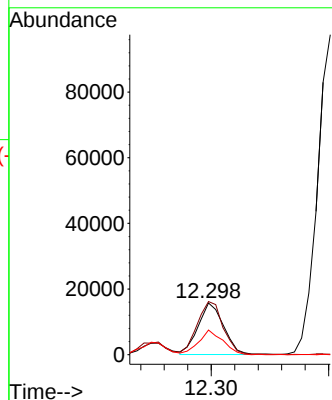
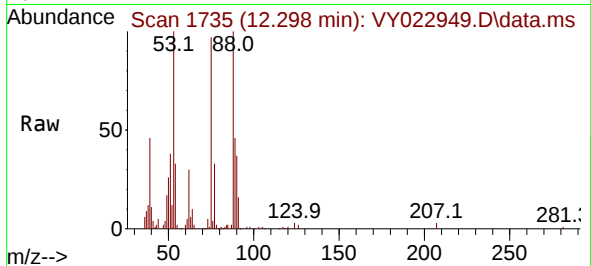




#81
trans-1,4-Dichloro-2-butene
Concen: 20.071 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

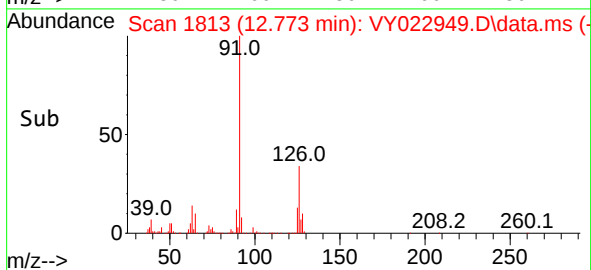
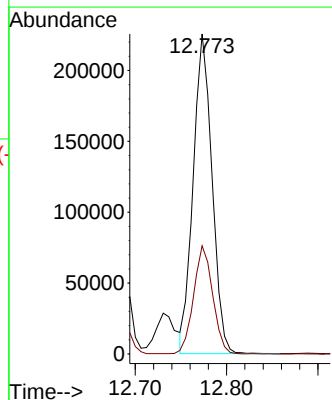
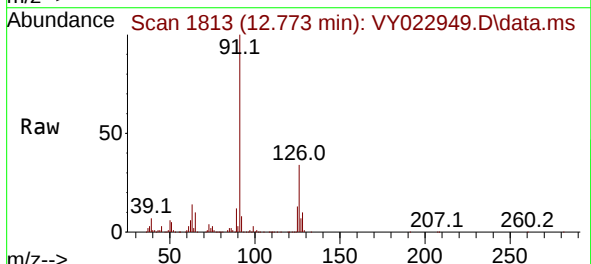
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

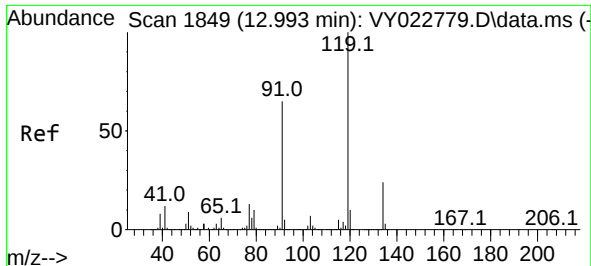
Tgt Ion: 75 Resp: 23582
Ion Ratio Lower Upper
75 100
53 105.8 78.5 117.7
89 45.2 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.985 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 91 Resp: 323320
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9

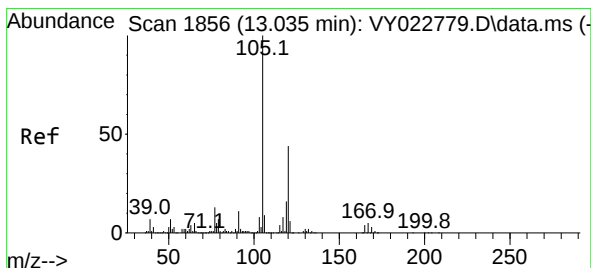
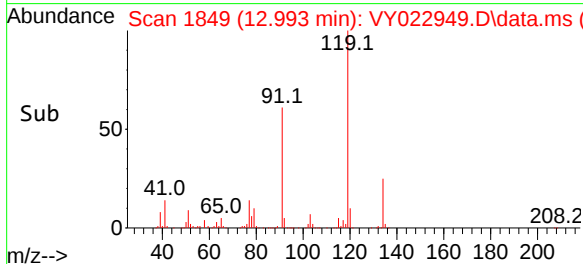
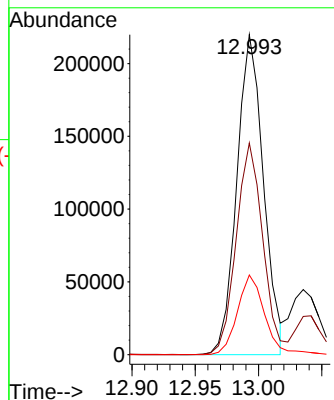
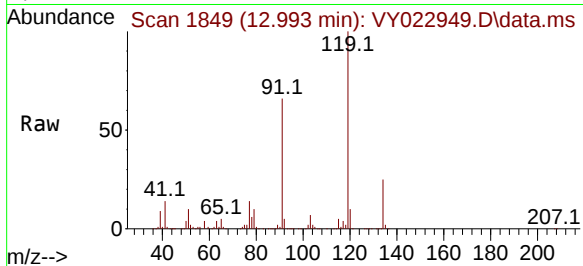




#83
 tert-Butylbenzene
 Concen: 21.086 ug/l
 RT: 12.993 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VY022949.D
 Acq: 07 Jul 2025 10:40

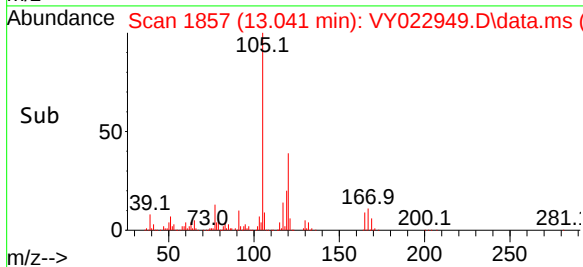
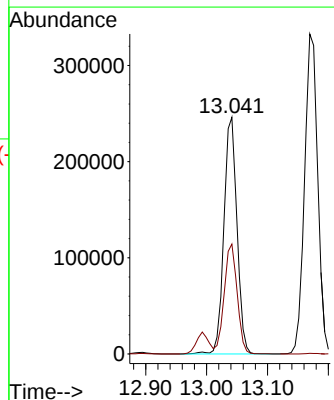
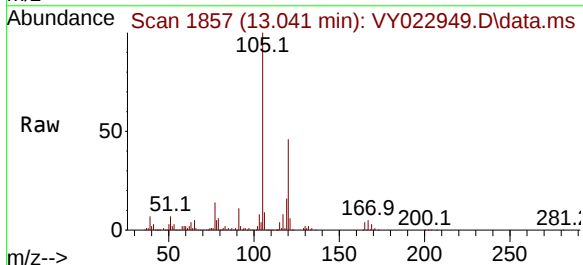
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBSD01

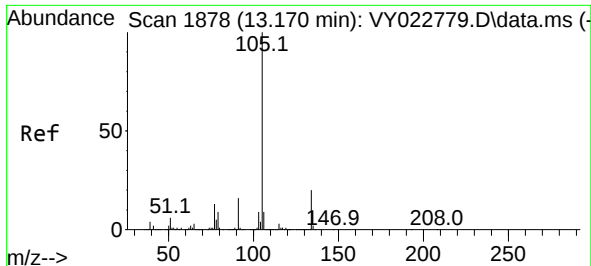
Tgt Ion:119 Resp: 322802
 Ion Ratio Lower Upper
 119 100
 91 66.4 32.1 96.3
 134 25.6 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 21.139 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022949.D
 Acq: 07 Jul 2025 10:40

Tgt Ion:105 Resp: 367381
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.7 68.1

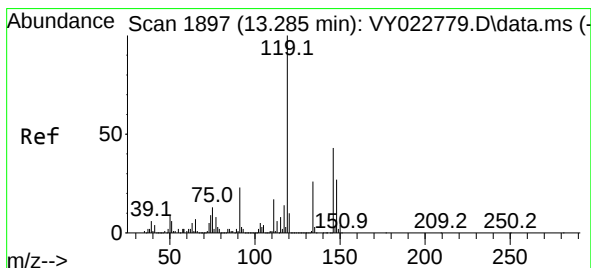
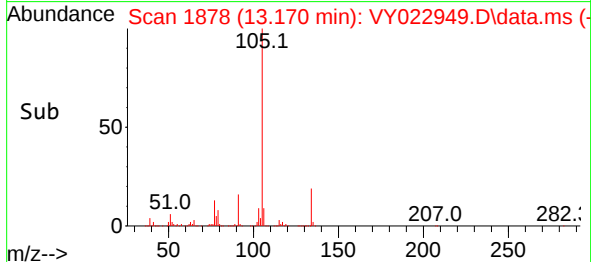
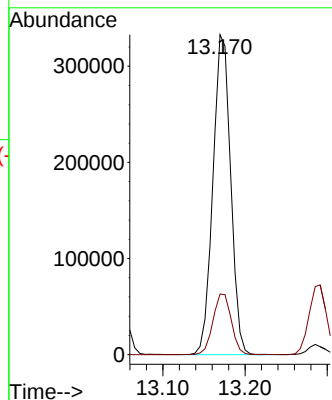
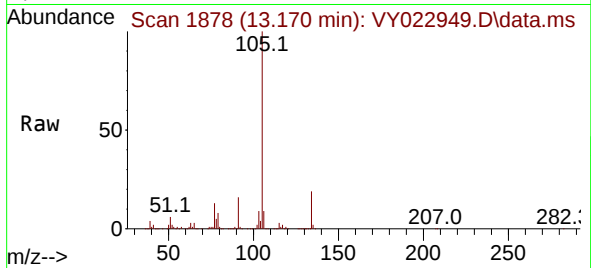




#85
 sec-Butylbenzene
 Concen: 21.635 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.006 min
 Lab File: VY022949.D
 Acq: 07 Jul 2025 10:40

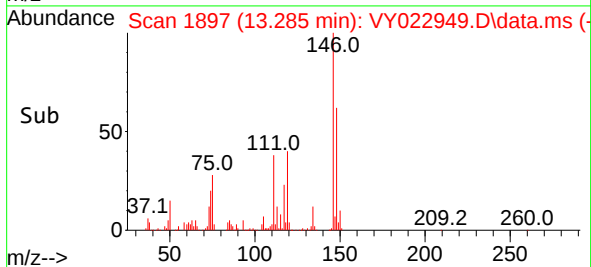
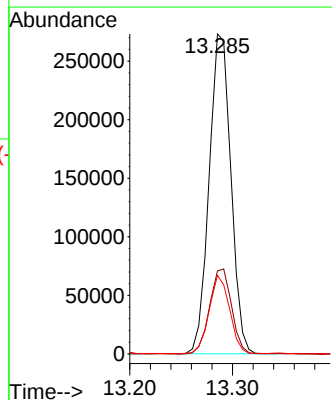
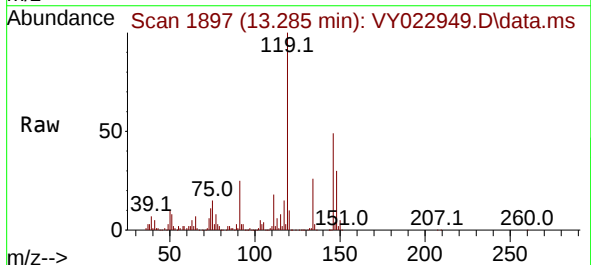
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

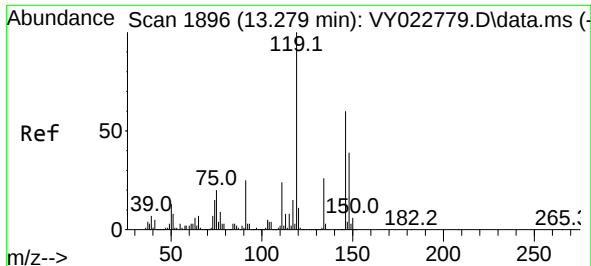
Tgt Ion:105 Resp: 498333
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.924 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022949.D
 Acq: 07 Jul 2025 10:40

Tgt Ion:119 Resp: 401065
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.1
 91 23.1 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 21.195 ug/l

RT: 13.285 min Scan# 1896

Delta R.T. -0.006 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

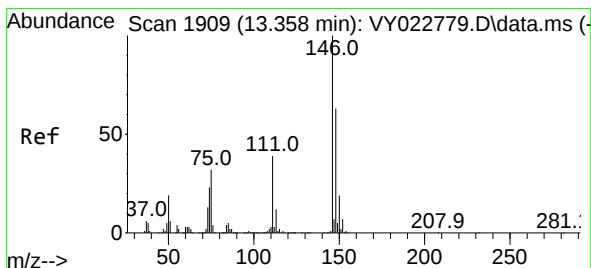
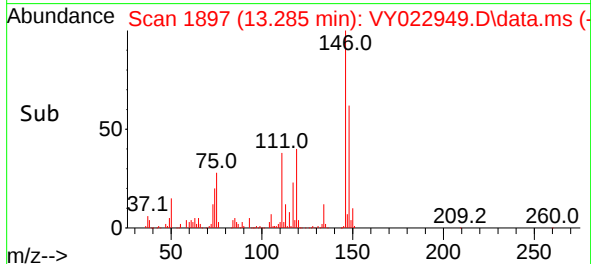
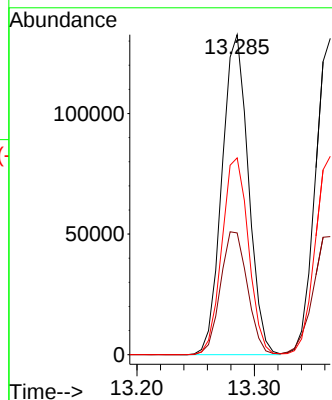
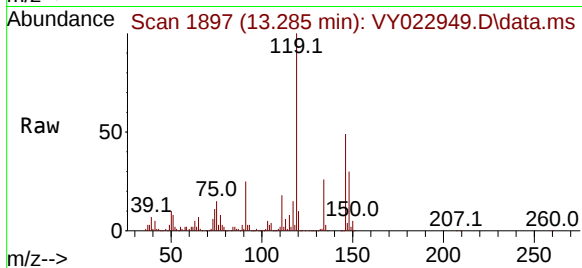
Tgt Ion:146 Resp: 207469

Ion Ratio Lower Upper

146 100

111 39.2 20.1 60.2

148 62.0 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 21.032 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

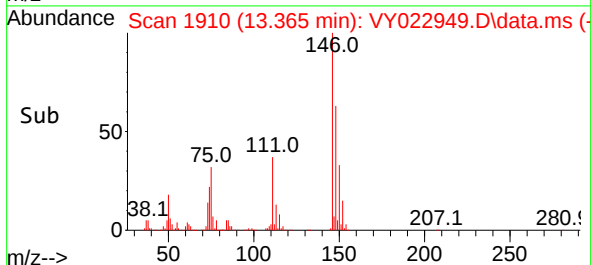
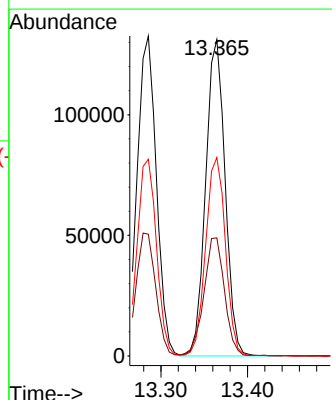
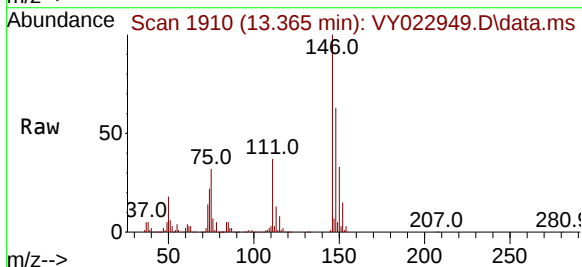
Tgt Ion:146 Resp: 204498

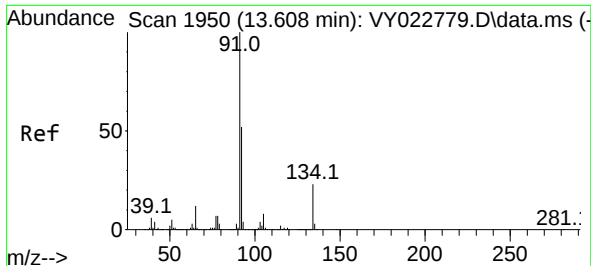
Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.2

148 64.1 31.6 94.8

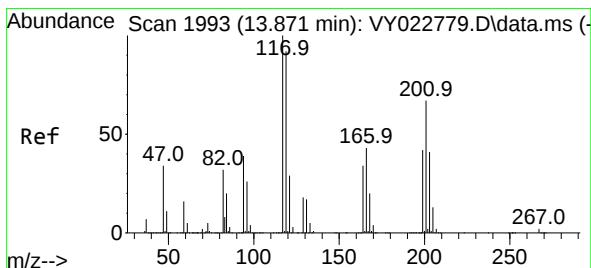
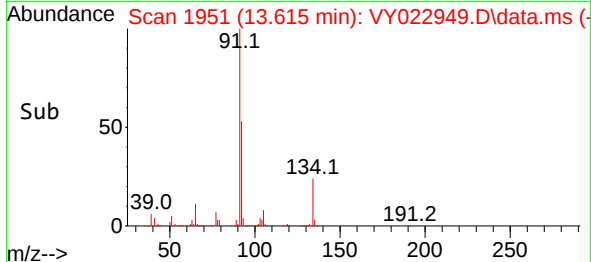
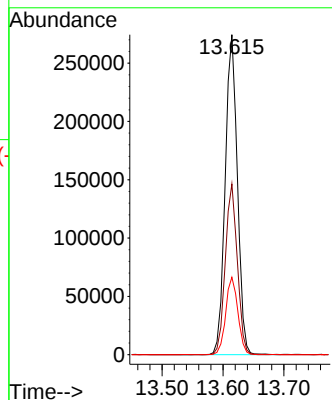
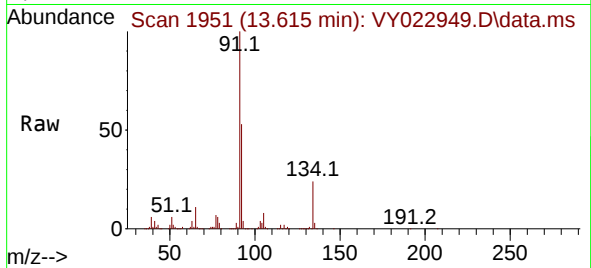




#89
n-Butylbenzene
Concen: 21.179 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

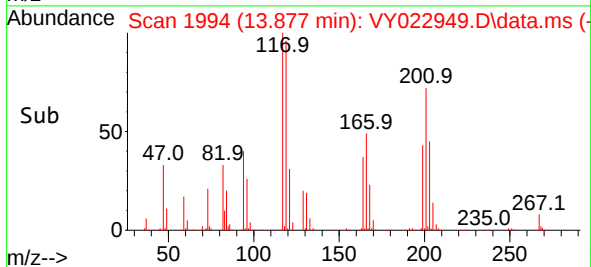
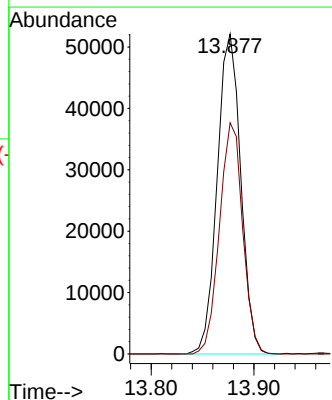
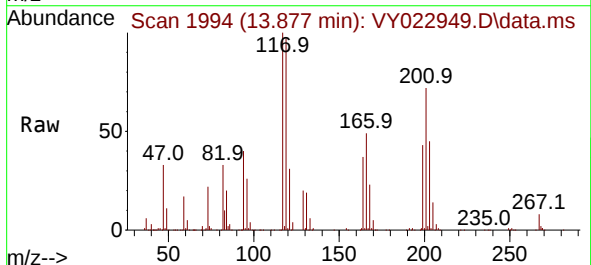
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

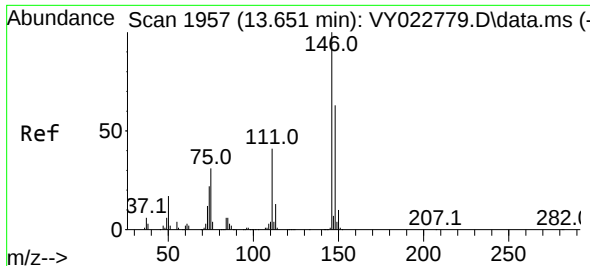
Tgt Ion: 91 Resp: 381846
Ion Ratio Lower Upper
91 100
92 52.7 25.9 77.8
134 24.2 12.0 36.1



#90
Hexachloroethane
Concen: 21.648 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 117 Resp: 82643
Ion Ratio Lower Upper
117 100
201 71.5 34.0 102.0

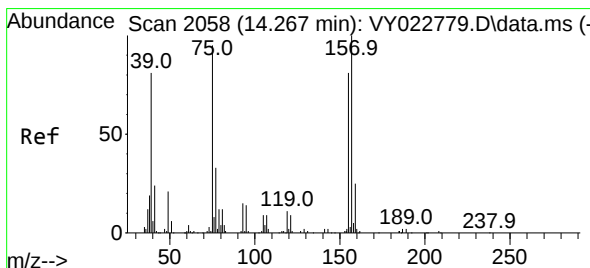
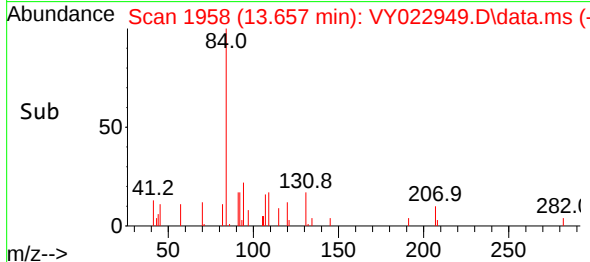
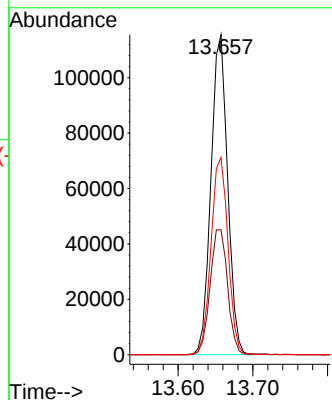
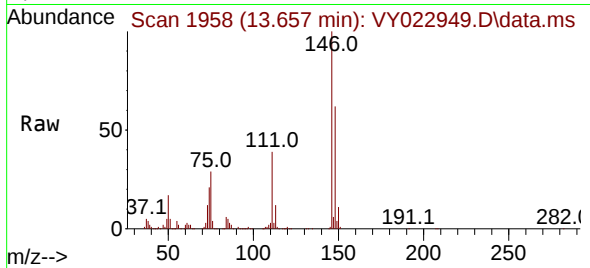




#91
1,2-Dichlorobenzene
Concen: 20.802 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

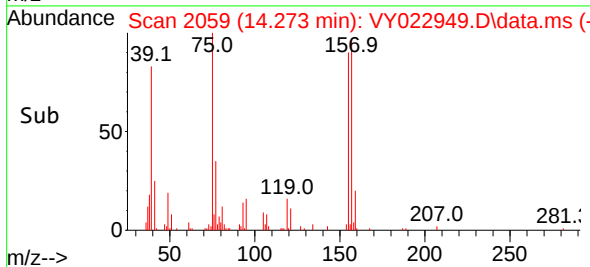
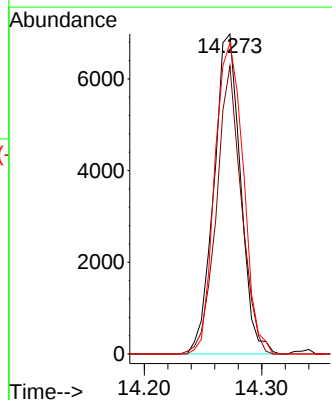
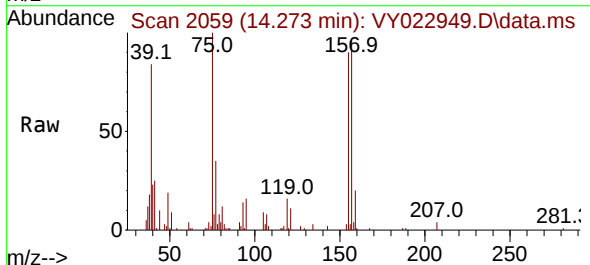
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

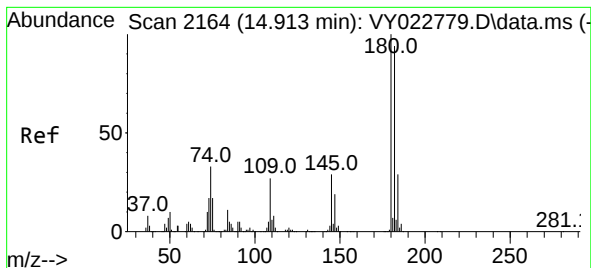
Tgt Ion:146 Resp: 179444
Ion Ratio Lower Upper
146 100
111 41.0 20.2 60.6
148 62.7 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.690 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022949.D
Acq: 07 Jul 2025 10:40

Tgt Ion: 75 Resp: 10984
Ion Ratio Lower Upper
75 100
155 84.4 39.9 119.6
157 104.1 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 19.689 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

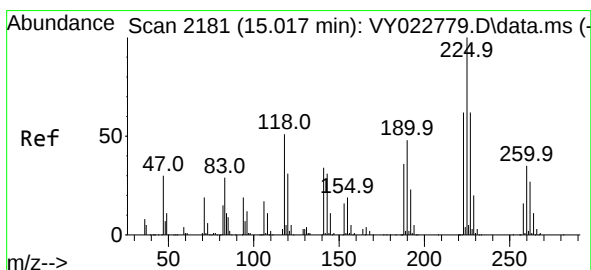
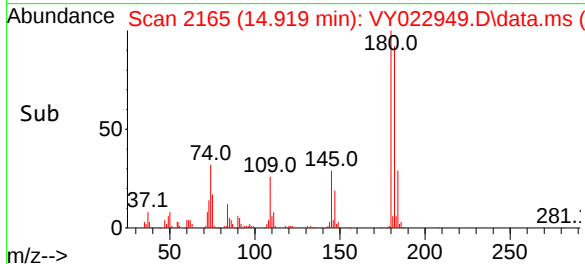
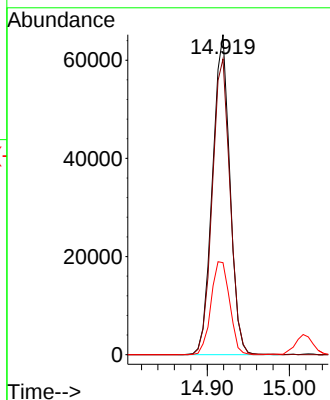
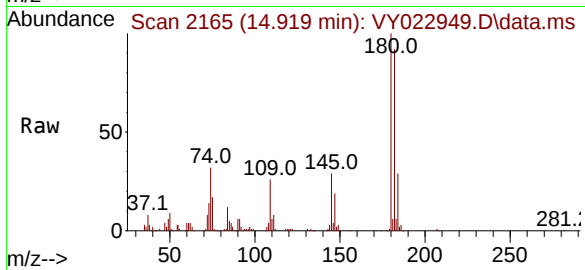
Tgt Ion:180 Resp: 95894

Ion Ratio Lower Upper

180 100

182 94.6 48.4 145.3

145 30.9 15.5 46.5



#94

Hexachlorobutadiene

Concen: 20.571 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

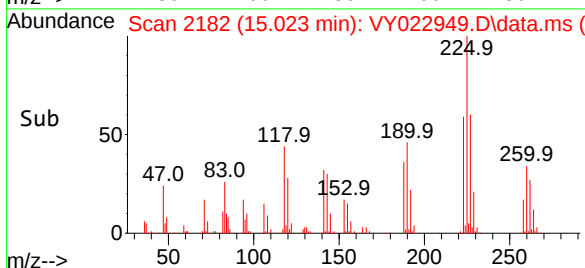
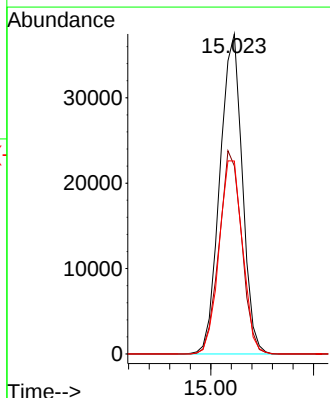
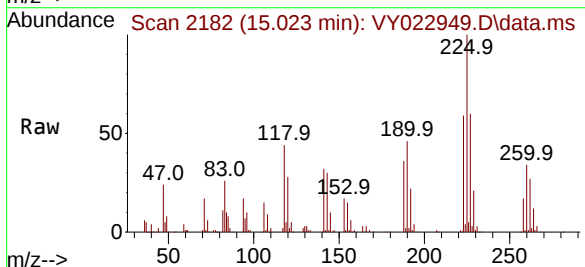
Tgt Ion:225 Resp: 56654

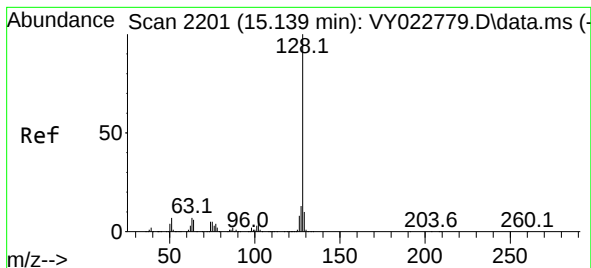
Ion Ratio Lower Upper

225 100

223 63.9 32.5 97.4

227 63.2 32.3 96.9





#95

Naphthalene

Concen: 18.255 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

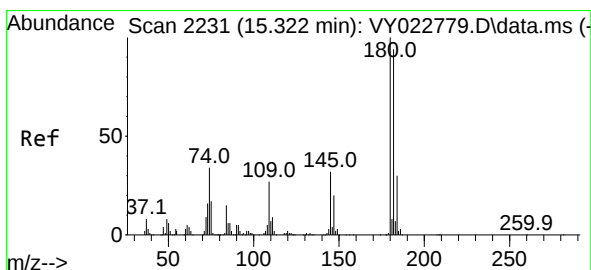
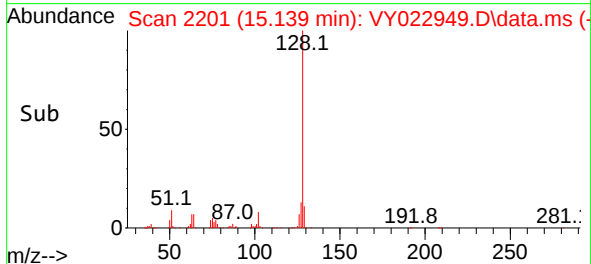
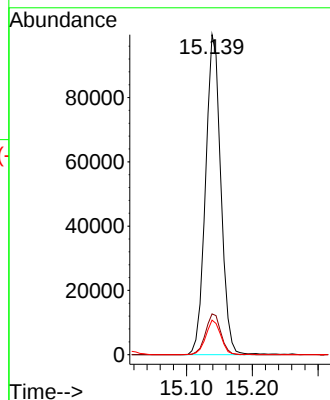
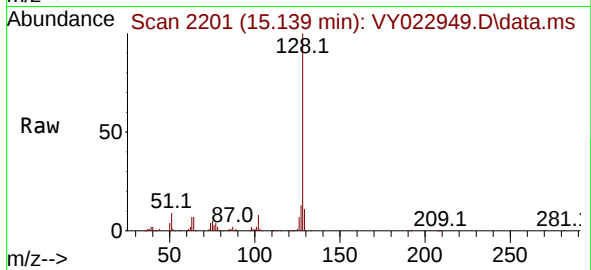
Tgt Ion:128 Resp: 160783

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.6 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.743 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022949.D

Acq: 07 Jul 2025 10:40

Tgt Ion:180 Resp: 83092

Ion Ratio Lower Upper

180 100

182 94.5 47.1 141.3

145 31.5 15.2 45.6

