

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070325\
 Data File : VY022932.D
 Acq On : 03 Jul 2025 10:52
 Operator : SY/MD
 Sample : VY0703SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBS01

Quant Time: Jul 04 03:16:24 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	382336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	650649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	546920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	258886	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	222174	52.065	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.120%	
35) Dibromofluoromethane	7.634	113	209763	53.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.020%	
50) Toluene-d8	10.103	98	818789	52.147	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.300%	
62) 4-Bromofluorobenzene	12.402	95	247766	49.086	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.180%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	71015	21.721	ug/l	98
3) Chloromethane	2.068	50	129617	20.762	ug/l	100
4) Vinyl Chloride	2.208	62	158271	20.292	ug/l	99
5) Bromomethane	2.592	94	130393	21.266	ug/l	97
6) Chloroethane	2.733	64	109070	20.804	ug/l	100
7) Trichlorofluoromethane	3.056	101	168355	19.494	ug/l	96
8) Diethyl Ether	3.452	74	44979	21.087	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	89054	22.564	ug/l	99
10) Methyl Iodide	4.007	142	99699	23.202	ug/l	100
11) Tert butyl alcohol	4.866	59	25834	91.047	ug/l #	94
12) 1,1-Dichloroethene	3.793	96	84313	21.786	ug/l	96
13) Acrolein	3.653	56	28950	75.242	ug/l	97
14) Allyl chloride	4.385	41	131004	22.008	ug/l	94
15) Acrylonitrile	5.061	53	95476	107.281	ug/l	100
16) Acetone	3.873	43	124182	153.968	ug/l	93
17) Carbon Disulfide	4.104	76	269595	21.564	ug/l	99
18) Methyl Acetate	4.391	43	48344	18.099	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	219540	20.834	ug/l	98
20) Methylene Chloride	4.616	84	120786	23.714	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	95277	21.541	ug/l	98
22) Diisopropyl ether	6.019	45	296144	22.402	ug/l	98
23) Vinyl Acetate	5.964	43	804293	110.164	ug/l	100
24) 1,1-Dichloroethane	5.915	63	176830	22.146	ug/l	98
25) 2-Butanone	6.896	43	145379	123.847	ug/l	93
26) 2,2-Dichloropropane	6.884	77	153451	22.926	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	110129	21.428	ug/l	98
28) Bromochloromethane	7.250	49	74575	22.215	ug/l	98
29) Tetrahydrofuran	7.262	42	78379	105.742	ug/l	94
30) Chloroform	7.421	83	181514	22.071	ug/l	96
31) Cyclohexane	7.701	56	161763	22.070	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	157141	22.111	ug/l	99
36) 1,1-Dichloropropene	7.835	75	129854	21.650	ug/l	99
37) Ethyl Acetate	6.988	43	55569	21.471	ug/l	99
38) Carbon Tetrachloride	7.817	117	136357	21.547	ug/l	98
39) Methylcyclohexane	9.110	83	167950	21.638	ug/l	96
40) Benzene	8.079	78	396991	21.528	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	29897	18.764	ug/l	99
42) 1,2-Dichloroethane	8.158	62	108867	21.544	ug/l	98
43) Isopropyl Acetate	8.201	43	109026	20.268	ug/l	98
44) Trichloroethene	8.866	130	98350	21.243	ug/l	100
45) 1,2-Dichloropropane	9.140	63	93588	21.685	ug/l	97
46) Dibromomethane	9.231	93	51270	20.927	ug/l	98
47) Bromodichloromethane	9.420	83	134734	21.326	ug/l	98
48) Methyl methacrylate	9.219	41	50587	19.562	ug/l	94
49) 1,4-Dioxane	9.231	88	10297	355.737	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	279168	102.128	ug/l	98
52) Toluene	10.170	92	243898	20.965	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	115867	20.384	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	138161	20.962	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	65717	20.715	ug/l	97
56) Ethyl methacrylate	10.439	69	82386	19.302	ug/l	97
57) 1,3-Dichloropropane	10.719	76	115983	20.955	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	207967	102.555	ug/l	99
59) 2-Hexanone	10.762	43	205289	110.462	ug/l	100
60) Dibromochloromethane	10.908	129	84165	20.539	ug/l	99
61) 1,2-Dibromoethane	11.012	107	60272	20.302	ug/l	96
64) Tetrachloroethene	10.646	164	104589	20.243	ug/l	98
65) Chlorobenzene	11.438	112	256042	21.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	85567	21.022	ug/l	99
67) Ethyl Benzene	11.518	91	451113	21.365	ug/l	100
68) m/p-Xylenes	11.627	106	346962	42.508	ug/l	99
69) o-Xylene	11.950	106	160665	20.890	ug/l	100
70) Styrene	11.969	104	263569	20.459	ug/l	100
71) Bromoform	12.127	173	44773	19.755	ug/l #	98
73) Isopropylbenzene	12.249	105	414807	21.665	ug/l	99
74) N-amyl acetate	12.066	43	90982	21.170	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	69314	22.463	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	49532m	18.741	ug/l	
77) Bromobenzene	12.530	156	91505	21.085	ug/l	99
78) n-propylbenzene	12.591	91	513518	22.214	ug/l	99
79) 2-Chlorotoluene	12.676	91	286917	21.968	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	334039	21.612	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	22246	21.264	ug/l	99
82) 4-Chlorotoluene	12.773	91	288633	21.040	ug/l	100
83) tert-Butylbenzene	12.993	119	300178	22.022	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	332334	21.476	ug/l	100
85) sec-Butylbenzene	13.176	105	451959	22.037	ug/l	100
86) p-Isopropyltoluene	13.292	119	361791	21.198	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	182047	20.887	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	179256	20.704	ug/l	99
89) n-Butylbenzene	13.615	91	345010	21.491	ug/l	100
90) Hexachloroethane	13.877	117	76103	22.388	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	156252	20.343	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10658	20.367	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	83643	19.287	ug/l	99
94) Hexachlorobutadiene	15.023	225	49956	20.371	ug/l	98
95) Naphthalene	15.145	128	138984	17.722	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	70866	18.911	ug/l	99

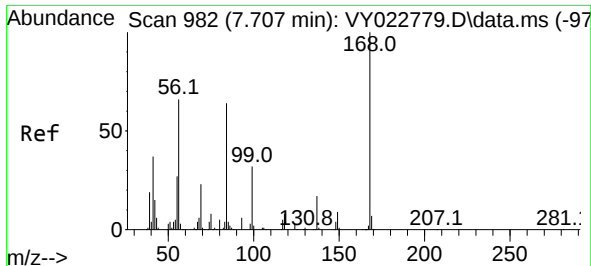
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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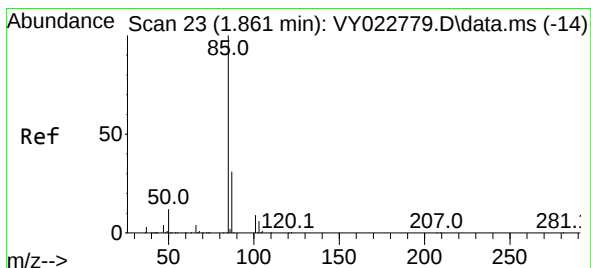
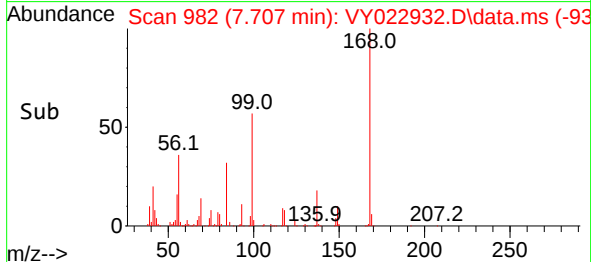
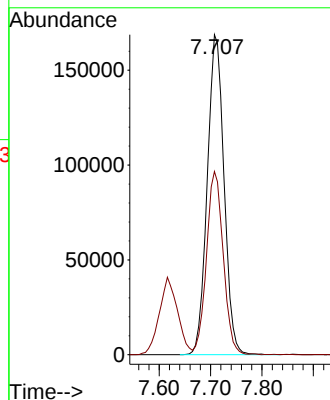
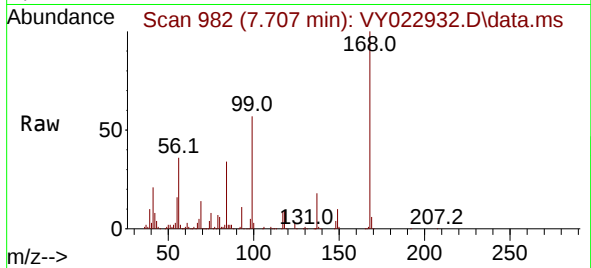
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022932.D
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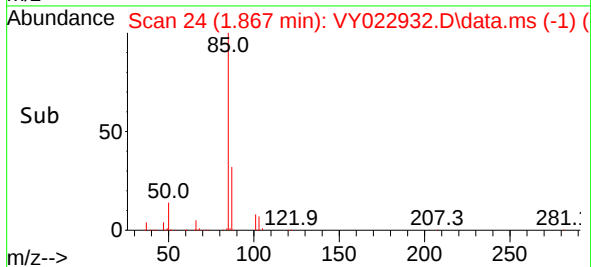
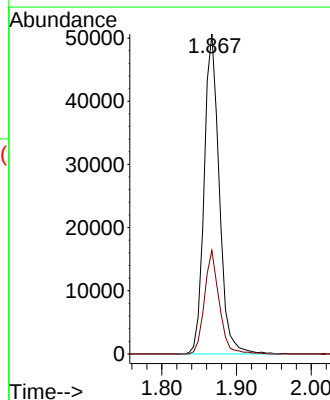
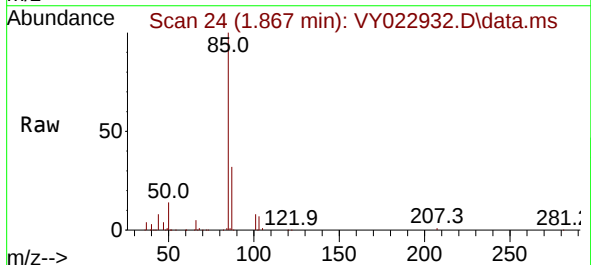
Instrument :
MSVOA_Y
ClientSampleId :
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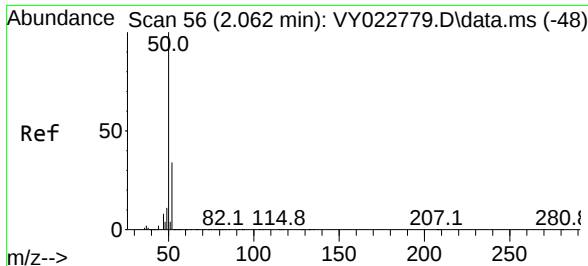
Tgt Ion:168 Resp: 382336
Ion Ratio Lower Upper
168 100
99 57.2 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 21.721 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 85 Resp: 71015
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.0

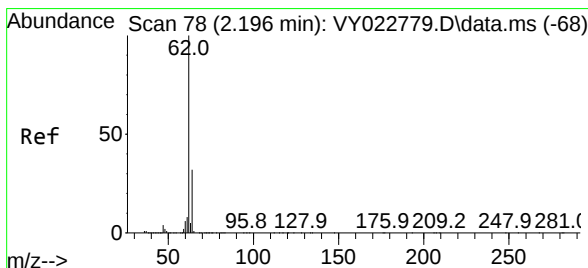
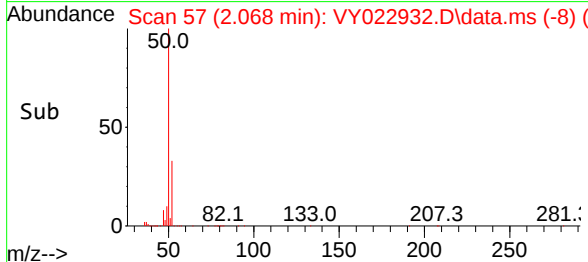
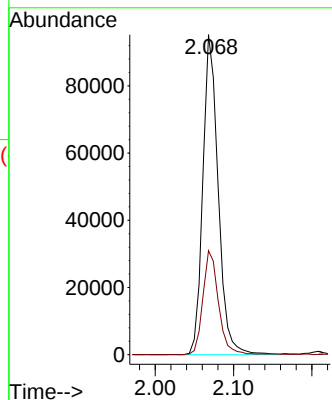
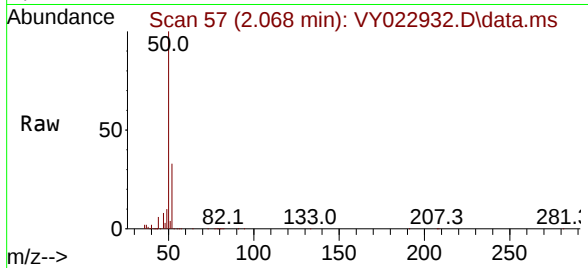




#3
Chloromethane
Concen: 20.762 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

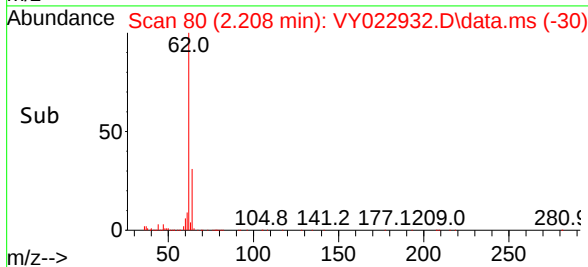
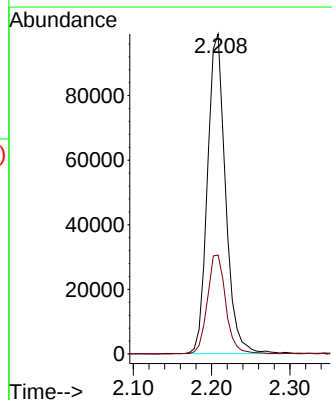
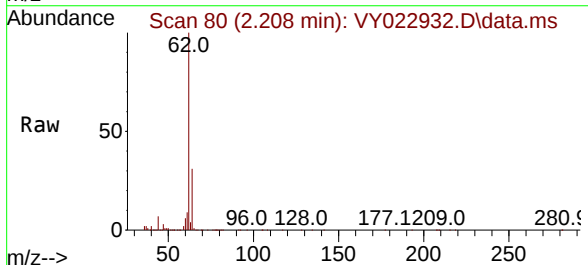
Instrument :
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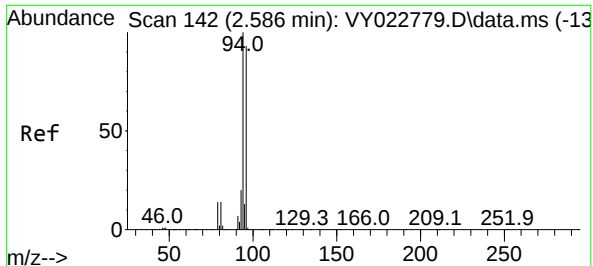
Tgt Ion: 50 Resp: 129617
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 20.292 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 62 Resp: 158271
Ion Ratio Lower Upper
62 100
64 30.9 25.3 37.9

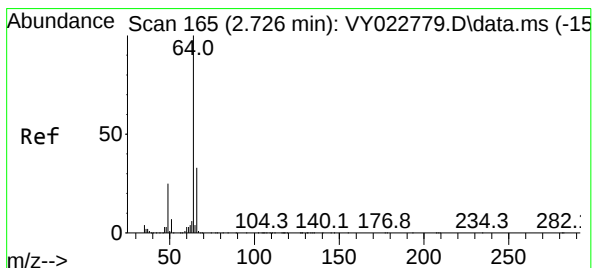
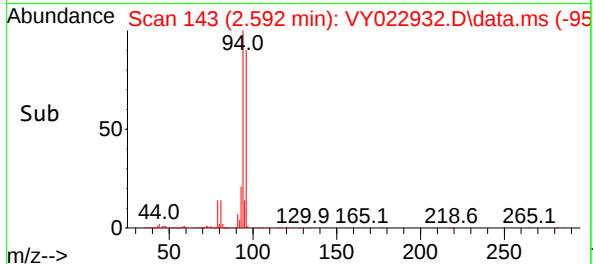
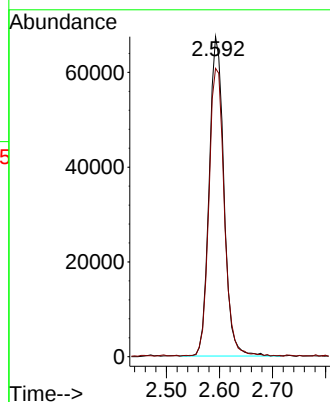
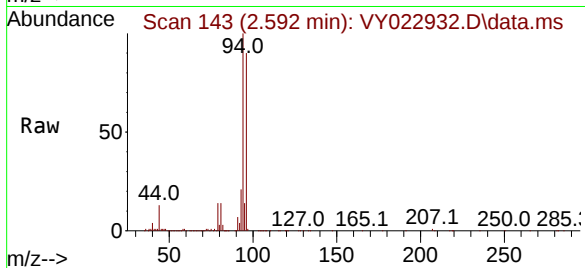




#5
Bromomethane
Concen: 21.266 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

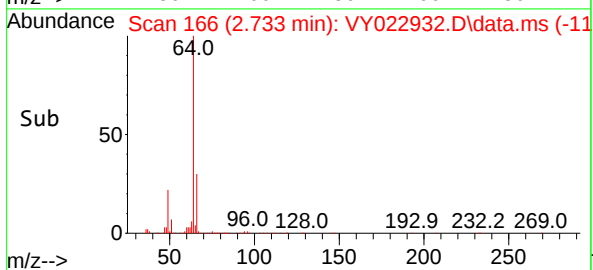
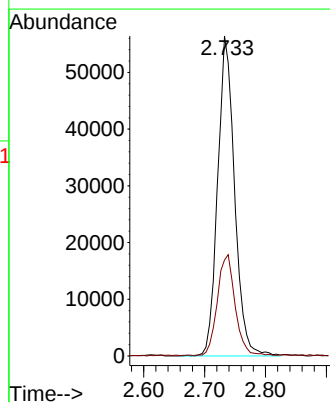
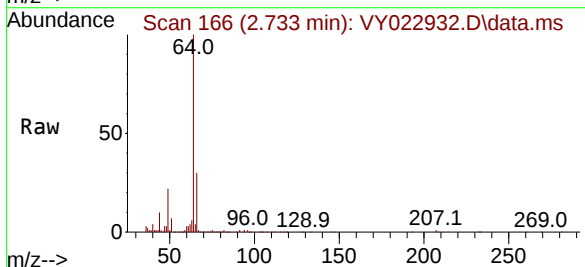
Instrument :
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Tgt Ion: 94 Resp: 130393
Ion Ratio Lower Upper
94 100
96 90.0 74.0 111.0



#6
Chloroethane
Concen: 20.804 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 64 Resp: 109070
Ion Ratio Lower Upper
64 100
66 29.9 23.8 35.6

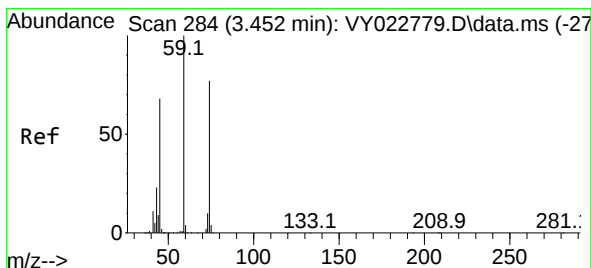
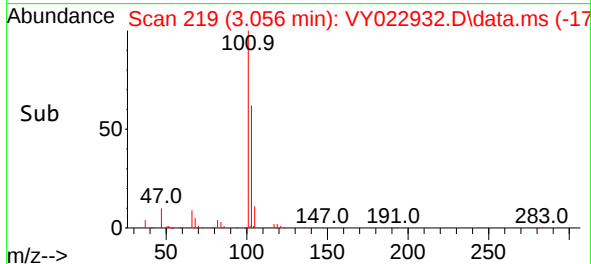
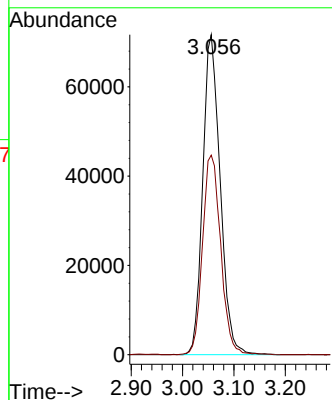
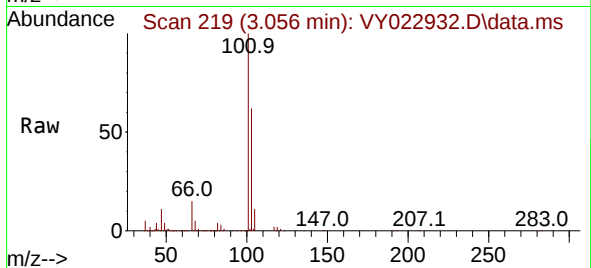




#7
 Trichlorofluoromethane
 Concen: 19.494 ug/l
 RT: 3.056 min Scan# 217
 Delta R.T. -0.000 min
 Lab File: VY022932.D
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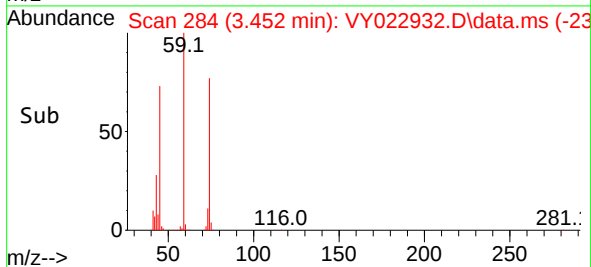
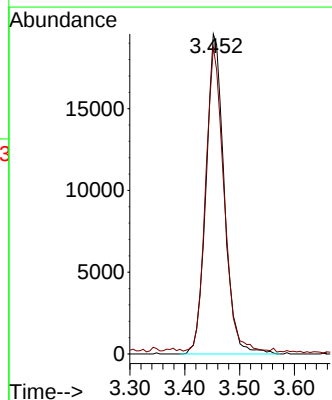
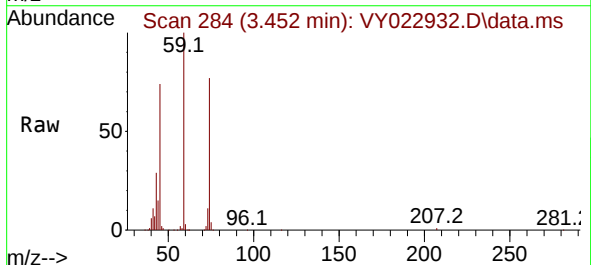
Instrument :
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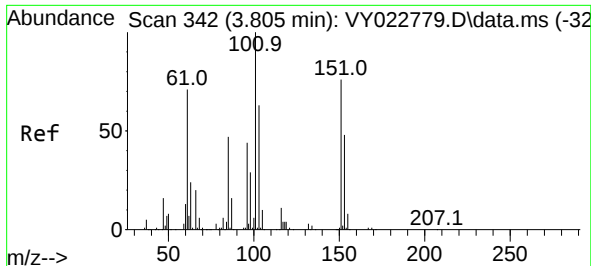
Tgt Ion:101 Resp: 168355
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.2 78.2



#8
 Diethyl Ether
 Concen: 21.087 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.012 min
 Lab File: VY022932.D
 Acq: 03 Jul 2025 10:52

Tgt Ion: 74 Resp: 44979
 Ion Ratio Lower Upper
 74 100
 45 94.8 45.9 137.6

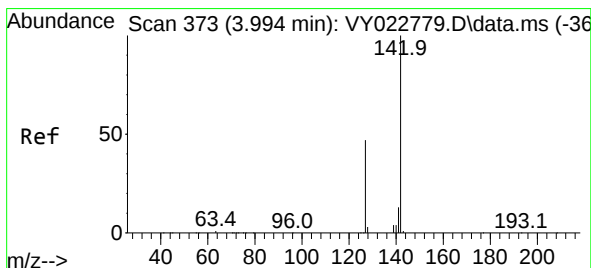
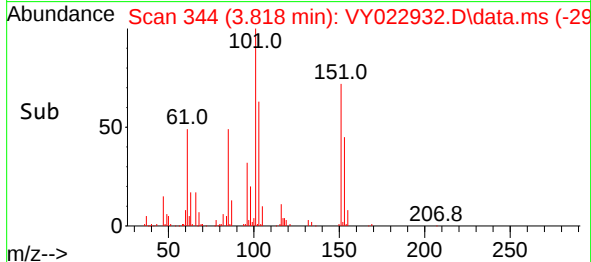
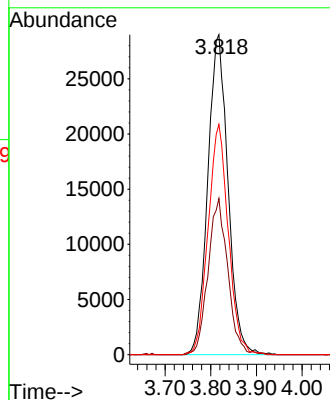
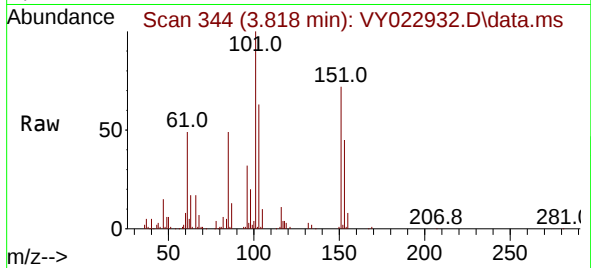




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.564 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022932.D
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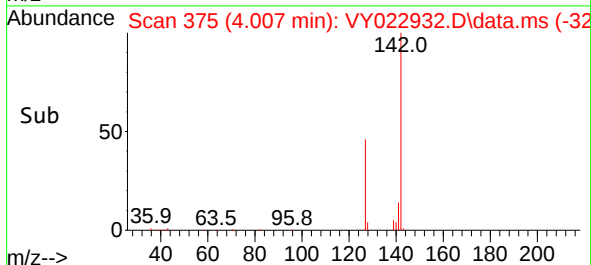
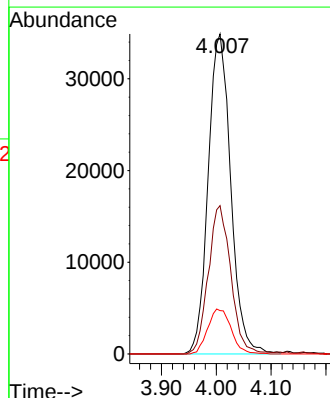
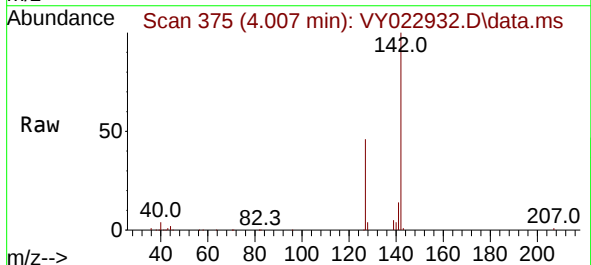
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

Tgt Ion:101 Resp: 89054
Ion Ratio Lower Upper
101 100
85 47.6 39.3 58.9
151 71.9 57.8 86.8



#10
Methyl Iodide
Concen: 23.202 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion:142 Resp: 99699
Ion Ratio Lower Upper
142 100
127 46.3 37.1 55.7
141 14.6 11.4 17.2

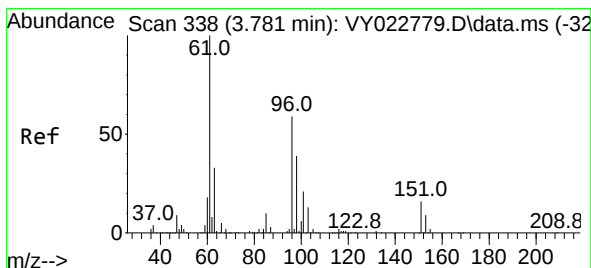
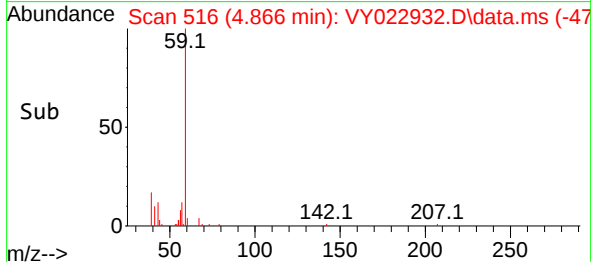
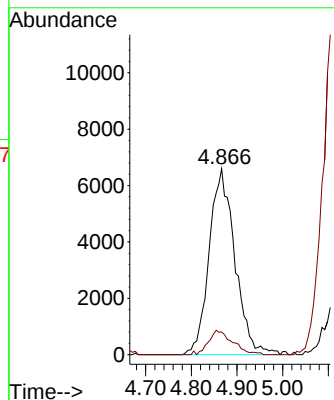
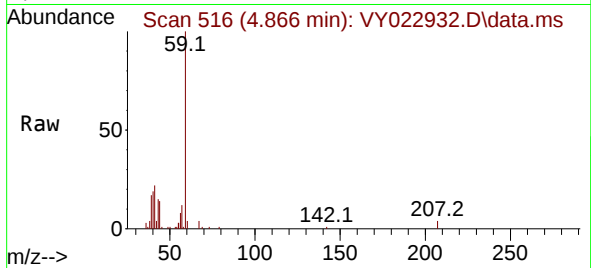




#11
Tert butyl alcohol
Concen: 91.047 ug/l
RT: 4.866 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

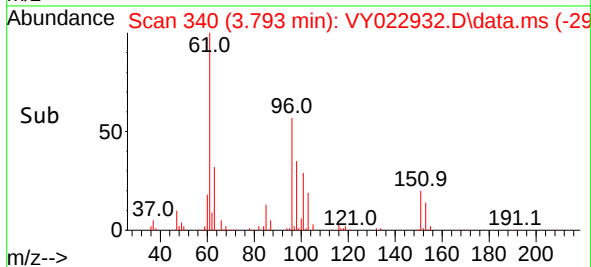
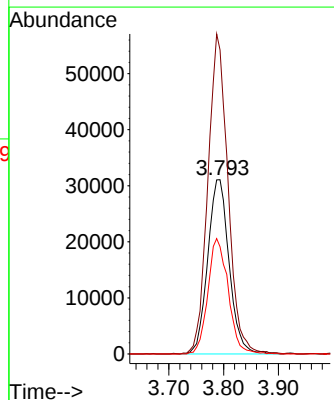
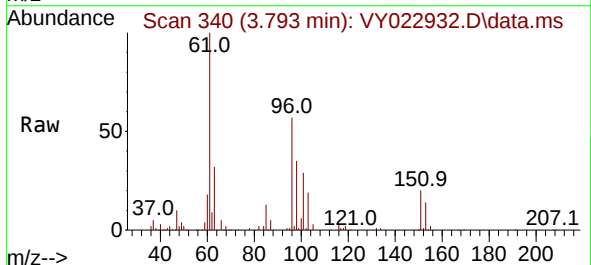
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

Tgt Ion: 59 Resp: 25834
Ion Ratio Lower Upper
59 100
57 12.3 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 21.786 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 96 Resp: 84313
Ion Ratio Lower Upper
96 100
61 174.6 134.6 201.8
98 61.6 50.2 75.4

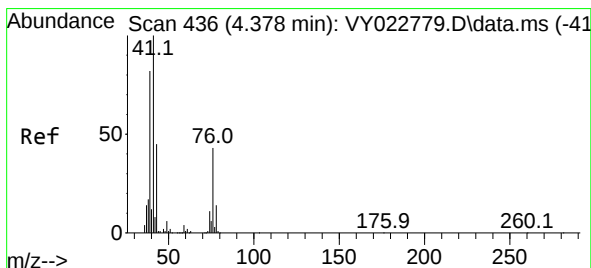
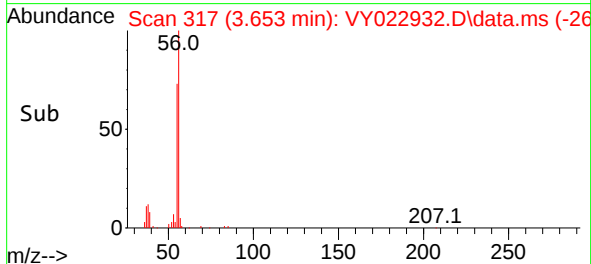
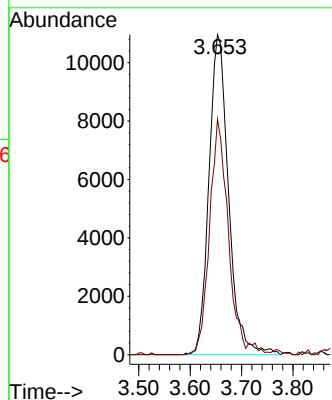
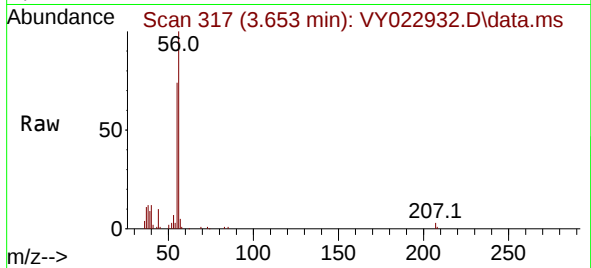




#13
Acrolein
Concen: 75.242 ug/l
RT: 3.653 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

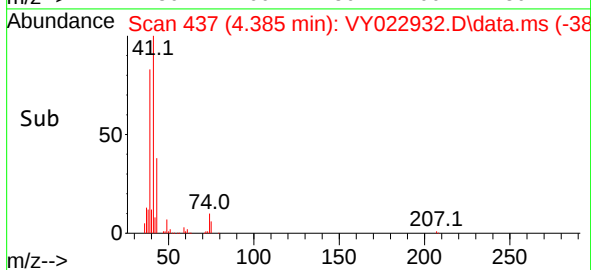
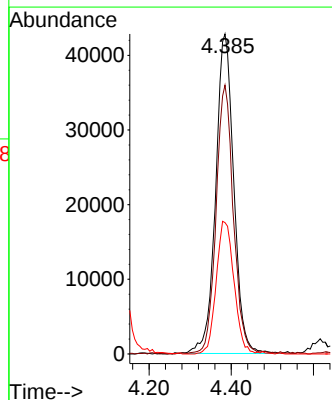
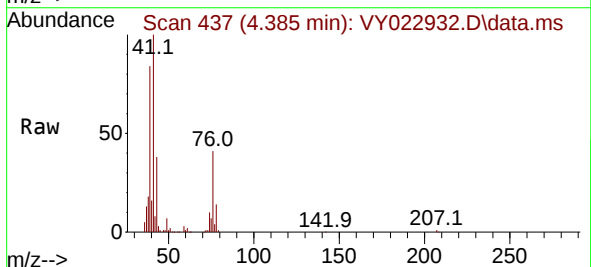
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

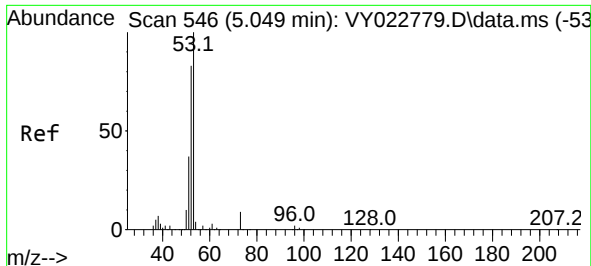
Tgt Ion: 56 Resp: 28950
Ion Ratio Lower Upper
56 100
55 68.9 57.0 85.6



#14
Allyl chloride
Concen: 22.008 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 41 Resp: 131004
Ion Ratio Lower Upper
41 100
39 79.7 69.1 103.7
76 40.7 33.5 50.3

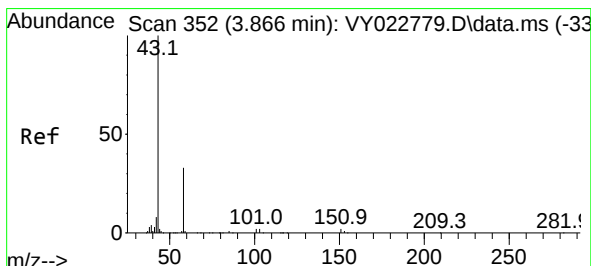
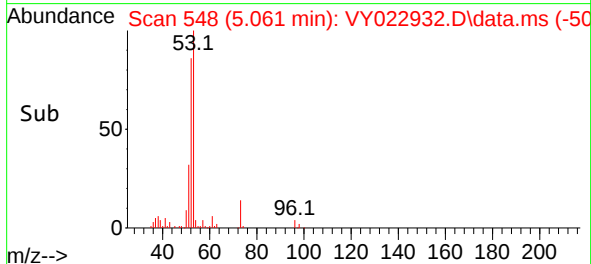
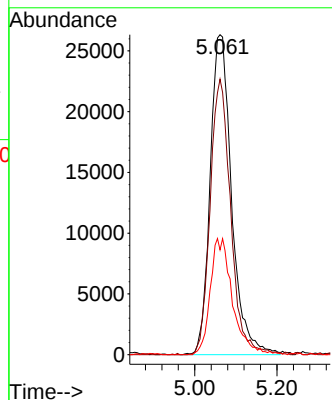
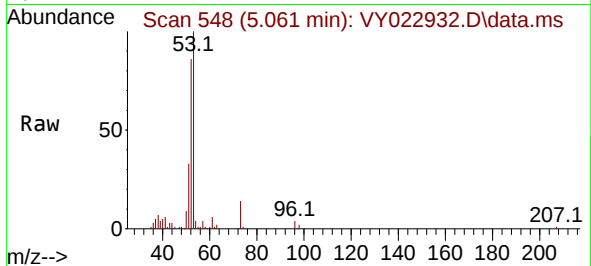




#15
Acrylonitrile
Concen: 107.281 ug/l
RT: 5.061 min Scan# 546
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

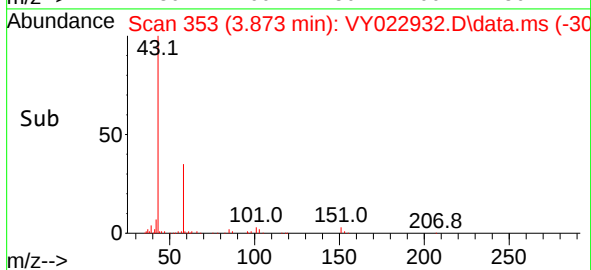
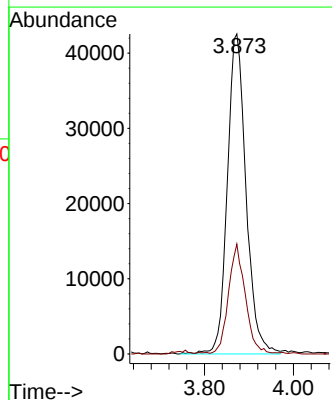
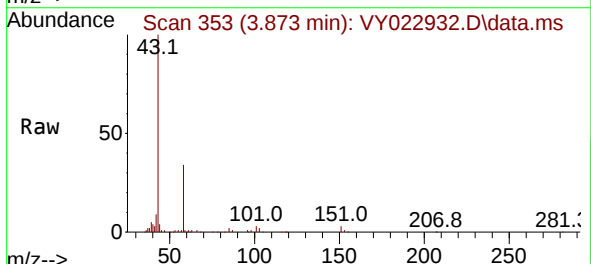
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

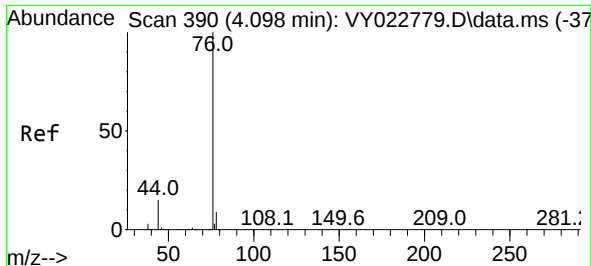
Tgt Ion: 53 Resp: 95476
Ion Ratio Lower Upper
53 100
52 82.4 65.7 98.5
51 37.7 30.1 45.1



#16
Acetone
Concen: 153.968 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 43 Resp: 124182
Ion Ratio Lower Upper
43 100
58 33.9 24.0 36.0

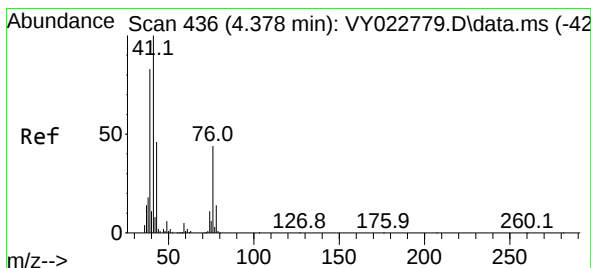
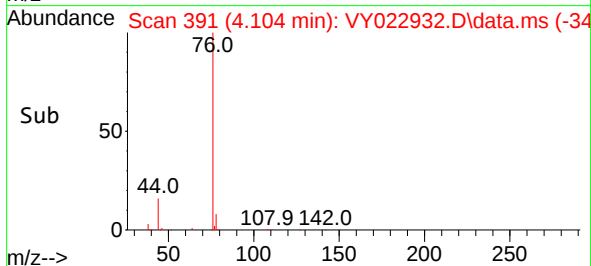
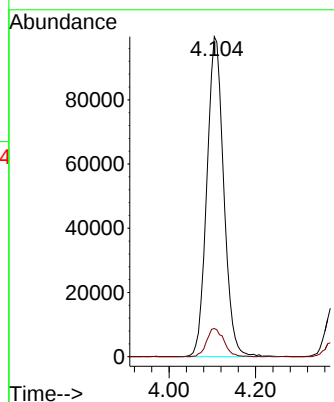
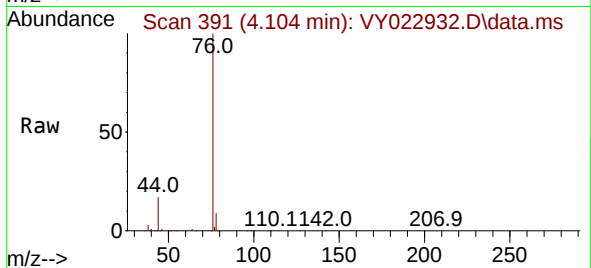




#17
Carbon Disulfide
Concen: 21.564 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

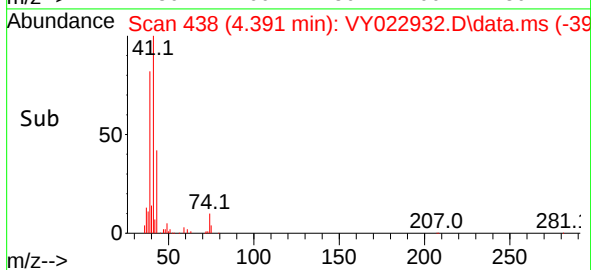
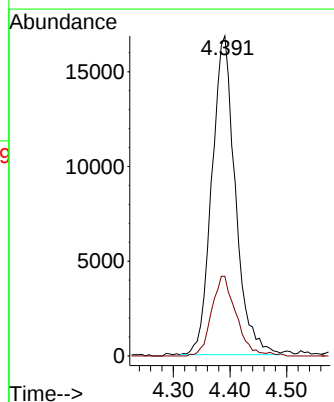
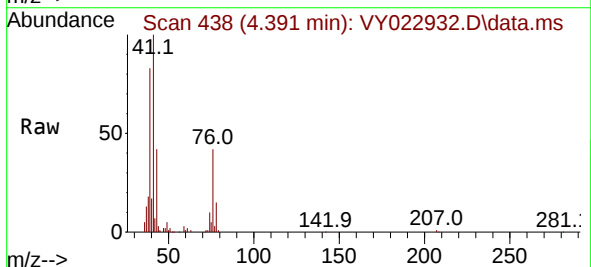
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

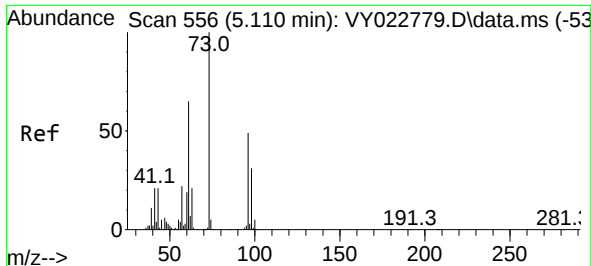
Tgt Ion: 76 Resp: 269595
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 18.099 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 43 Resp: 48344
Ion Ratio Lower Upper
43 100
74 26.3 19.8 29.6

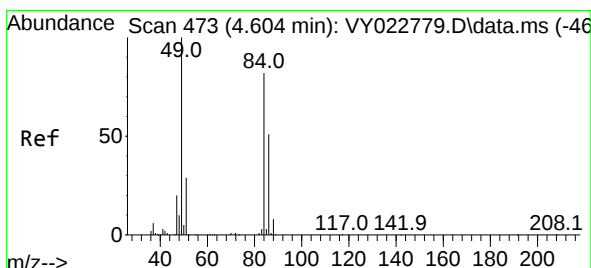
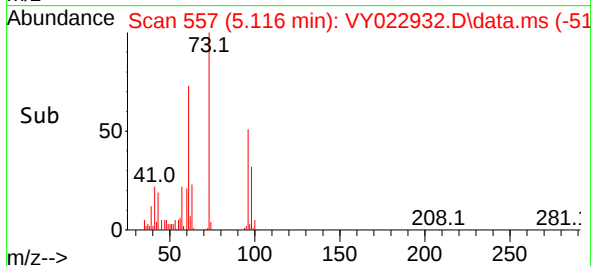
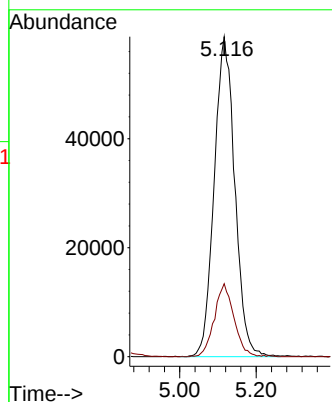
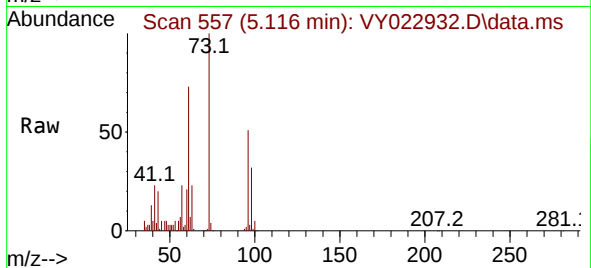




#19
Methyl tert-butyl Ether
Concen: 20.834 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

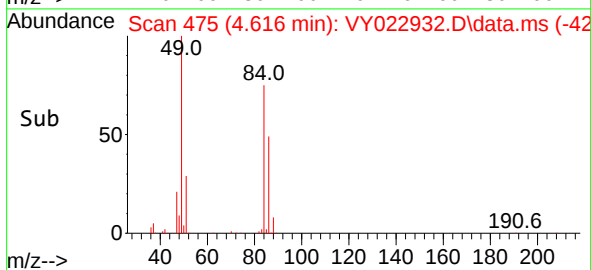
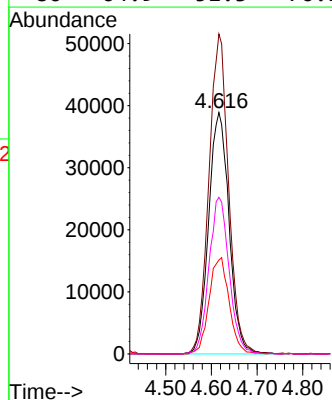
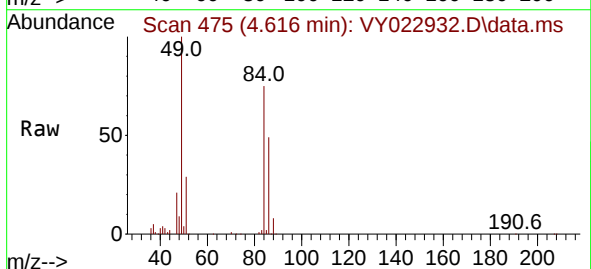
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

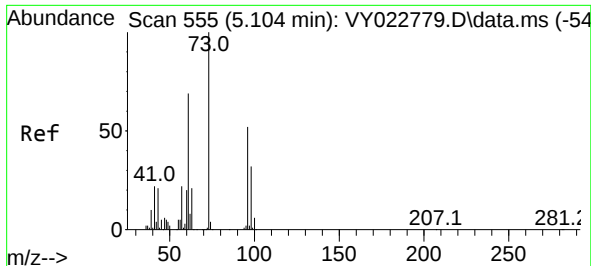
Tgt Ion: 73 Resp: 219540
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.0



#20
Methylene Chloride
Concen: 23.714 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 84 Resp: 120786
Ion Ratio Lower Upper
84 100
49 132.6 101.9 152.9
51 38.9 29.8 44.8
86 64.9 51.3 76.9

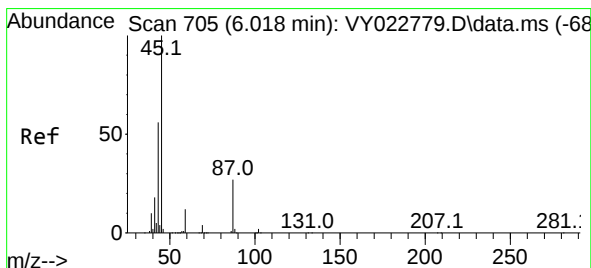
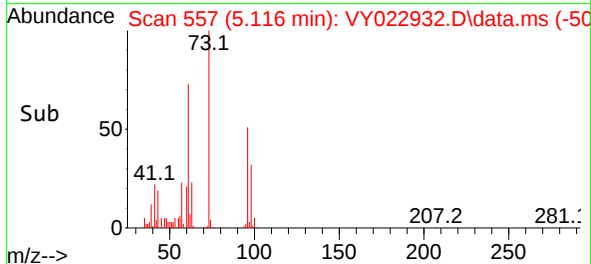
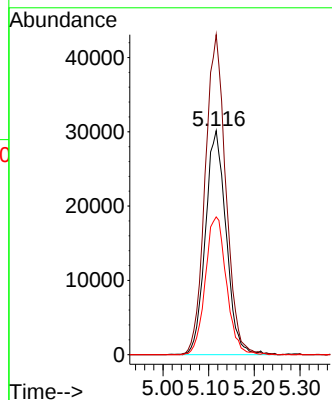
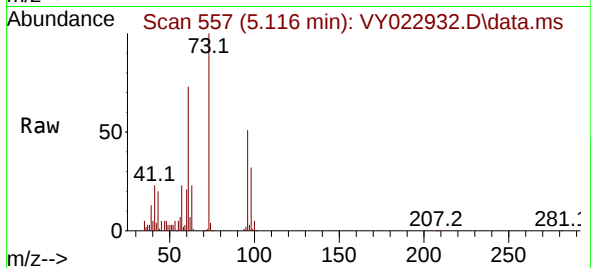




#21
trans-1,2-Dichloroethene
Concen: 21.541 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

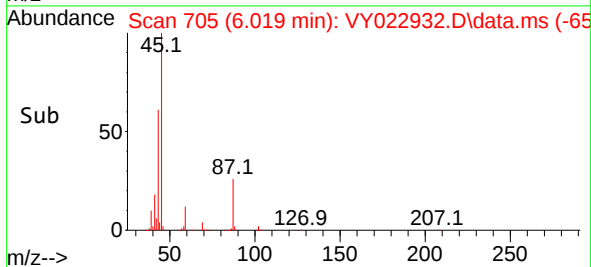
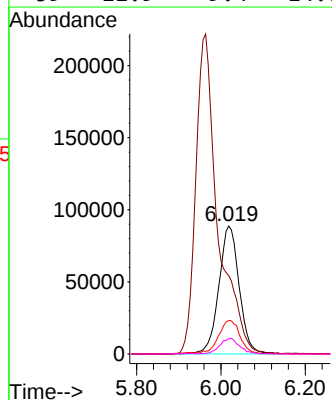
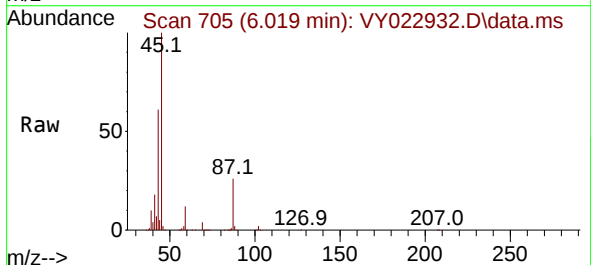
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

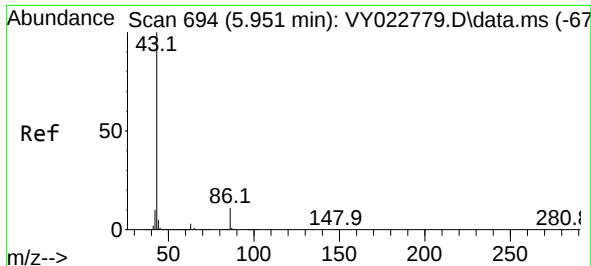
Tgt Ion: 96 Resp: 95277
Ion Ratio Lower Upper
96 100
61 142.8 112.6 169.0
98 61.5 50.6 75.8



#22
Diisopropyl ether
Concen: 22.402 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 45 Resp: 296144
Ion Ratio Lower Upper
45 100
43 60.9 48.3 72.5
87 26.1 23.0 34.6
59 11.9 9.4 14.0

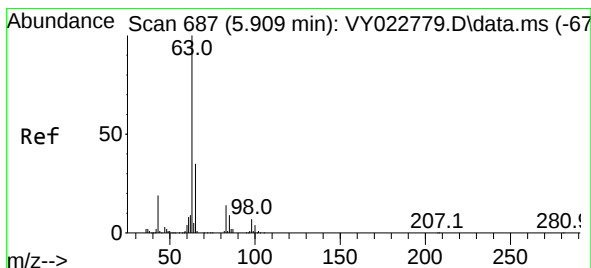
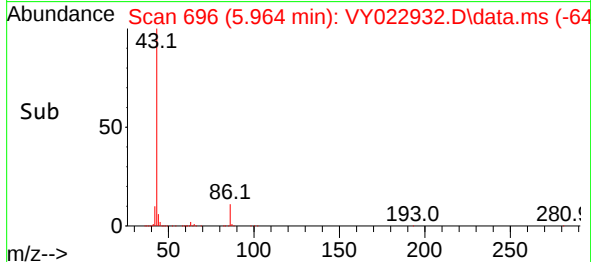
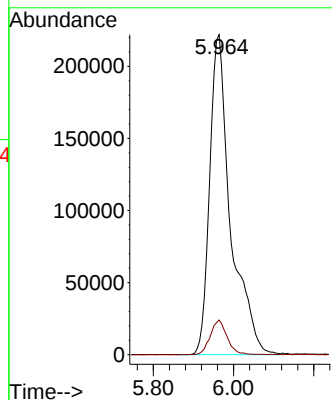
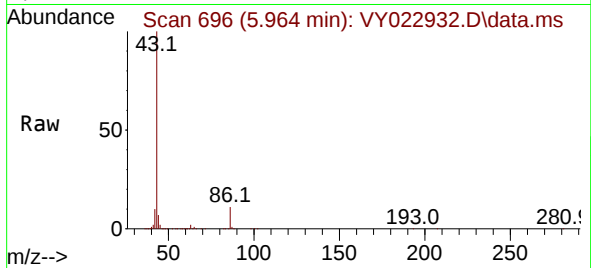




#23
 Vinyl Acetate
 Concen: 110.164 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY022932.D
 Acq: 03 Jul 2025 10:52

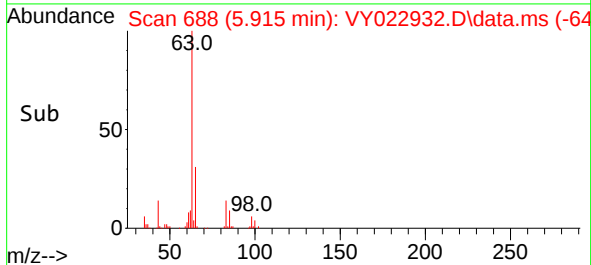
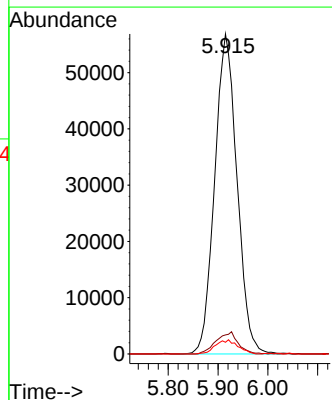
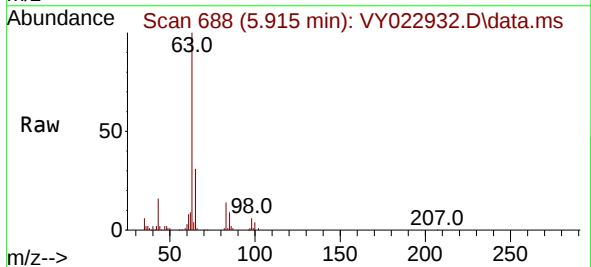
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBS01

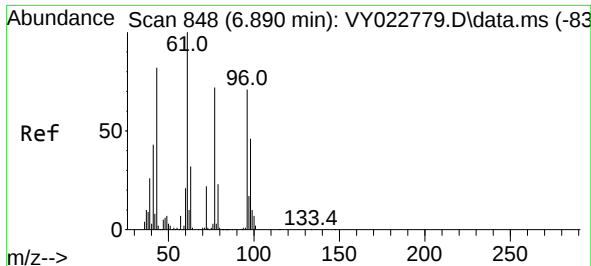
Tgt Ion: 43 Resp: 804293
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 22.146 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022932.D
 Acq: 03 Jul 2025 10:52

Tgt Ion: 63 Resp: 176830
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.4 10.1
 100 3.7 2.1 6.3





#25

2-Butanone

Concen: 123.847 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

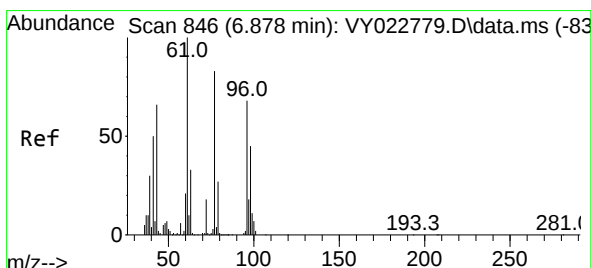
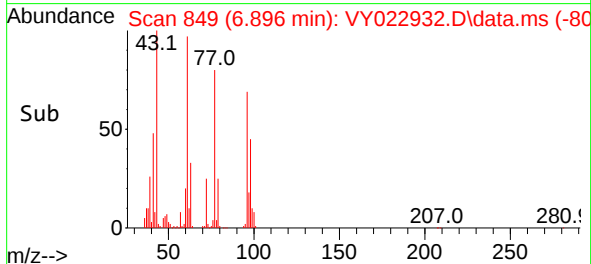
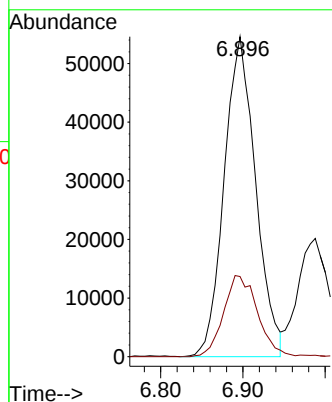
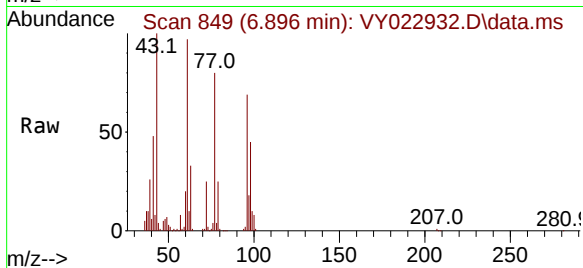
VY0703SBSD01

Tgt Ion: 43 Resp: 145379

Ion Ratio Lower Upper

43 100

72 25.0 22.9 34.3



#26

2,2-Dichloropropane

Concen: 22.926 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY022932.D

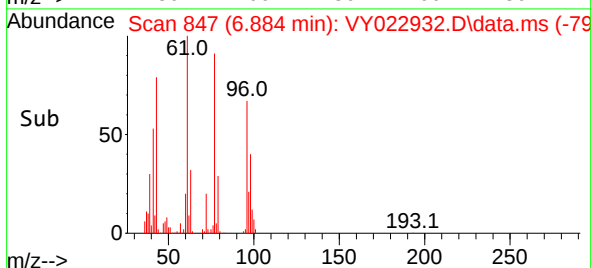
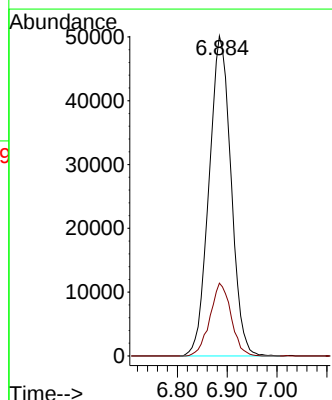
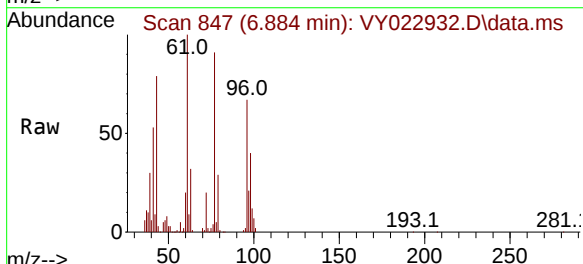
Acq: 03 Jul 2025 10:52

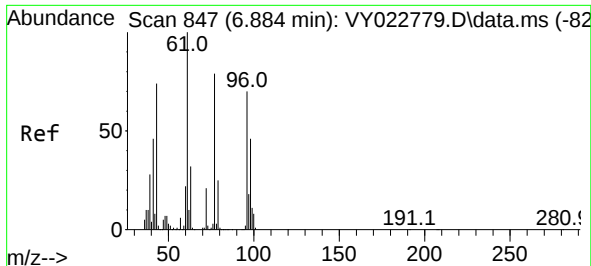
Tgt Ion: 77 Resp: 153451

Ion Ratio Lower Upper

77 100

97 21.9 11.4 34.2

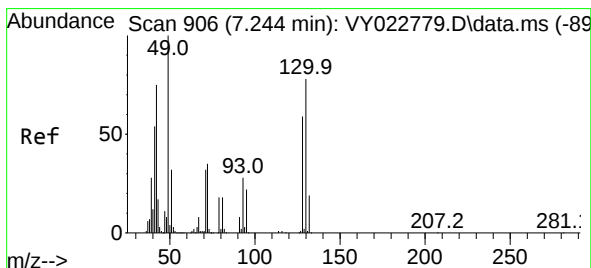
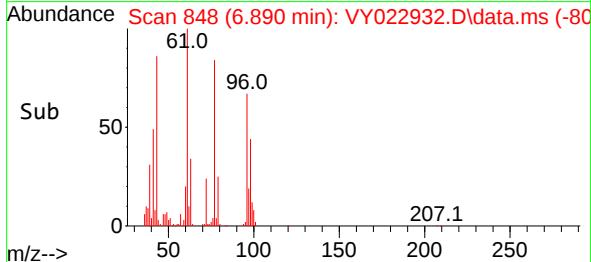
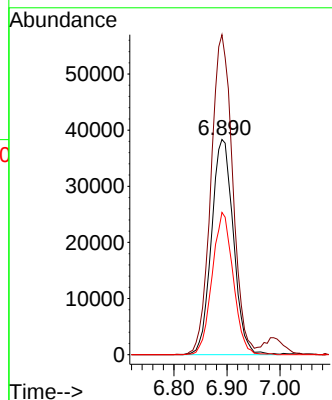
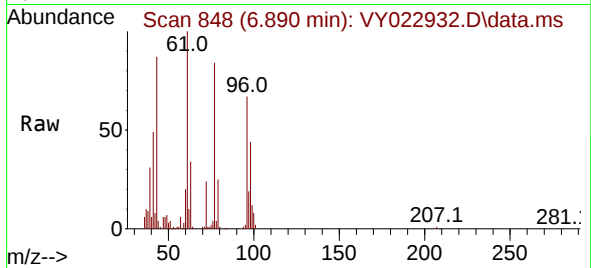




#27
 cis-1,2-Dichloroethene
 Concen: 21.428 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY022932.D
 Acq: 03 Jul 2025 10:52

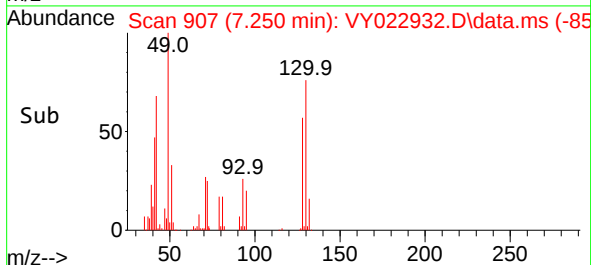
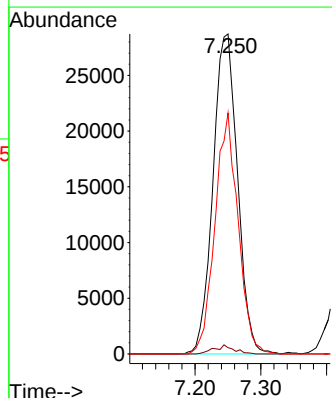
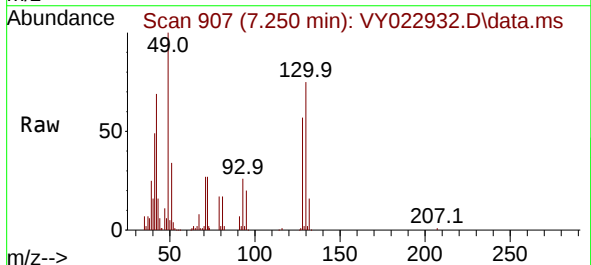
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBS01

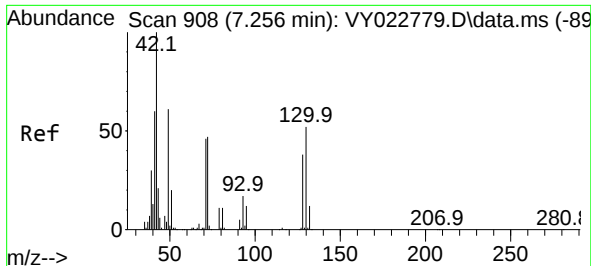
Tgt Ion: 96 Resp: 110129
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 290.0
 98 63.3 0.0 128.4



#28
 Bromochloromethane
 Concen: 22.215 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VY022932.D
 Acq: 03 Jul 2025 10:52

Tgt Ion: 49 Resp: 74575
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.6
 130 70.9 55.7 83.5





#29

Tetrahydrofuran

Concen: 105.742 ug/l

RT: 7.262 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

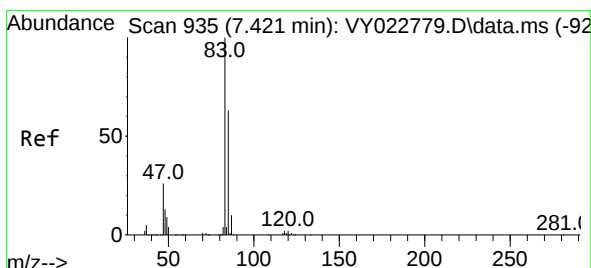
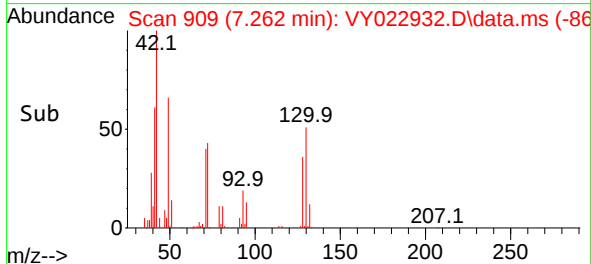
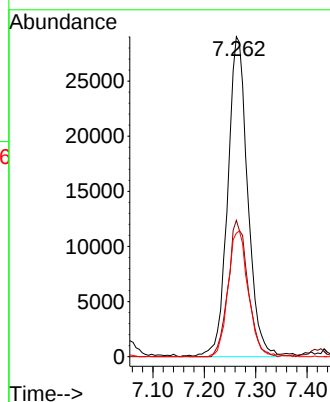
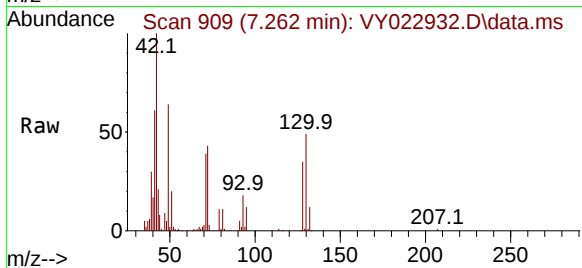
Tgt Ion: 42 Resp: 78379

Ion Ratio Lower Upper

42 100

72 42.3 37.4 56.2

71 39.7 34.2 51.2



#30

Chloroform

Concen: 22.071 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022932.D

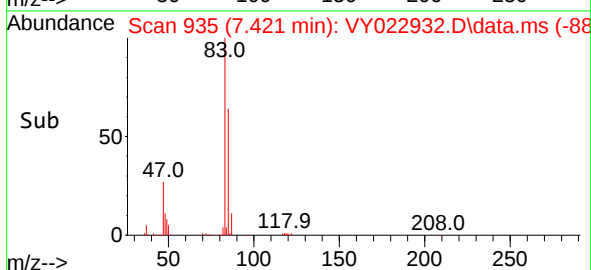
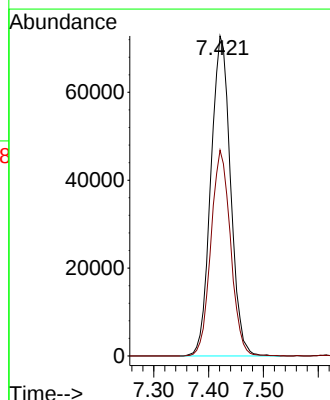
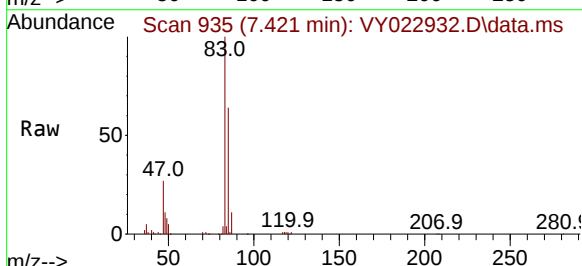
Acq: 03 Jul 2025 10:52

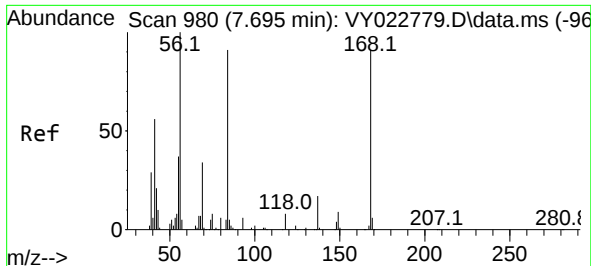
Tgt Ion: 83 Resp: 181514

Ion Ratio Lower Upper

83 100

85 64.3 54.2 81.4

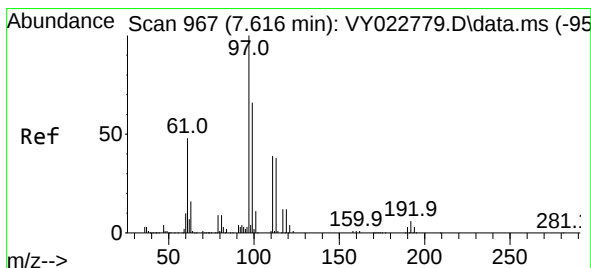
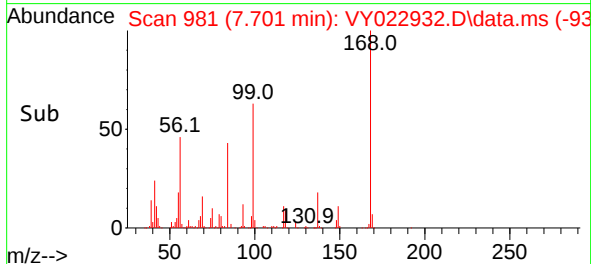
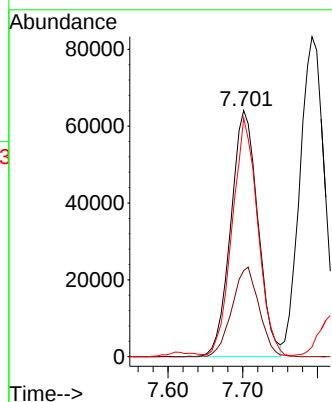
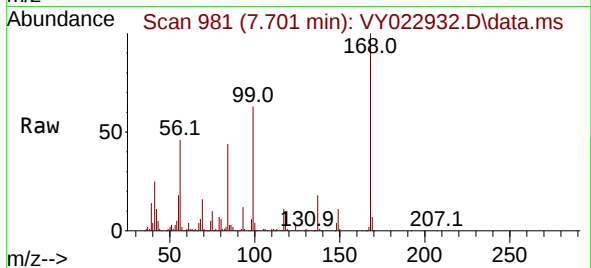




#31
Cyclohexane
Concen: 22.070 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

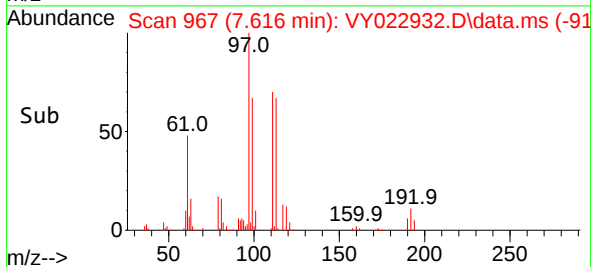
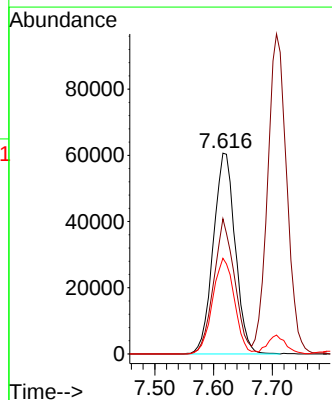
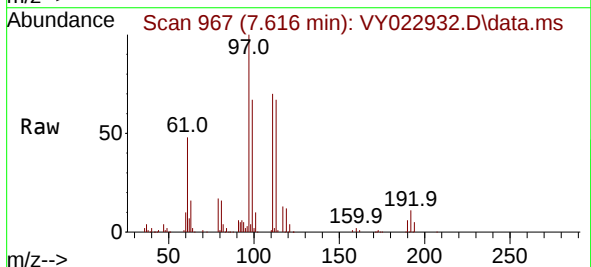
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

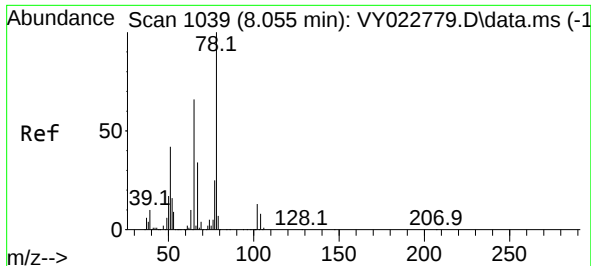
Tgt Ion: 56 Resp: 161763
Ion Ratio Lower Upper
56 100
69 34.9 27.0 40.6
84 95.2 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 22.111 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 97 Resp: 157141
Ion Ratio Lower Upper
97 100
99 64.2 50.9 76.3
61 47.4 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 52.065 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

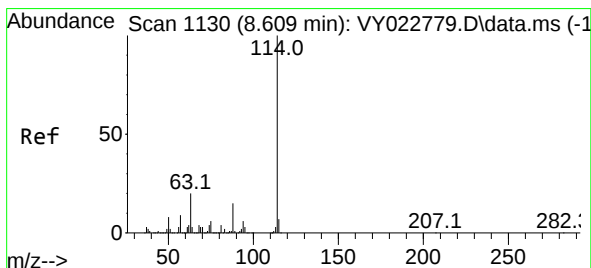
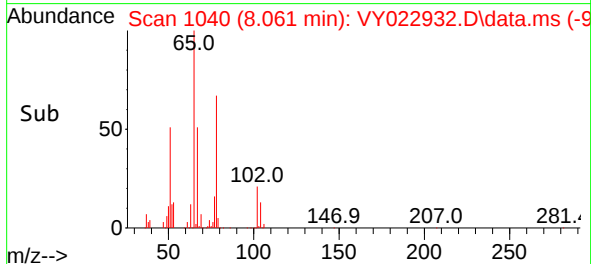
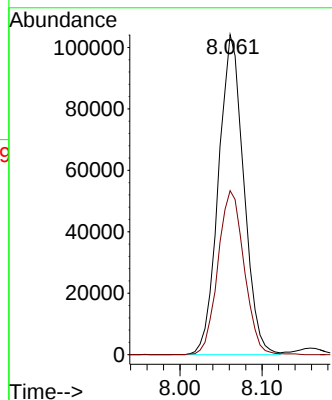
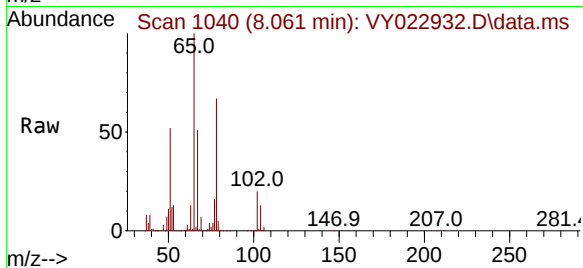
VY0703SBS01

Tgt Ion: 65 Resp: 222174

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

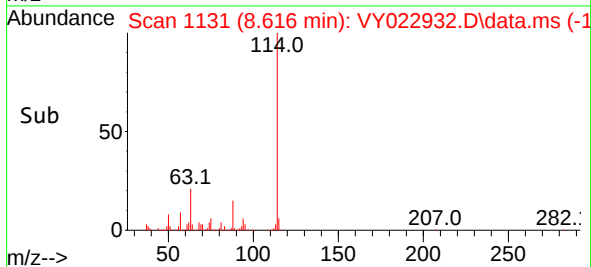
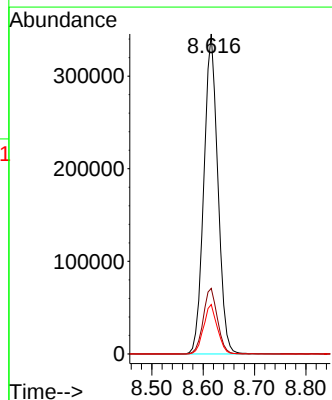
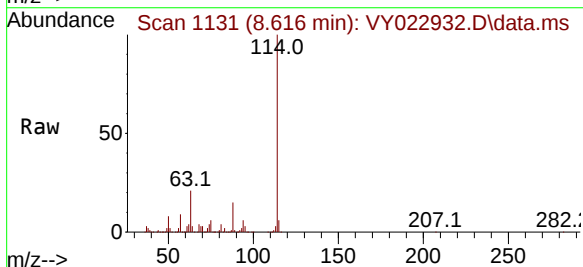
Tgt Ion: 114 Resp: 650649

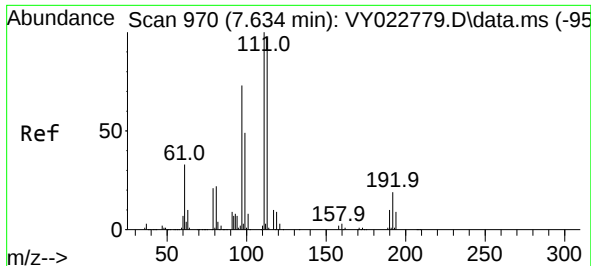
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.5 0.0 27.8

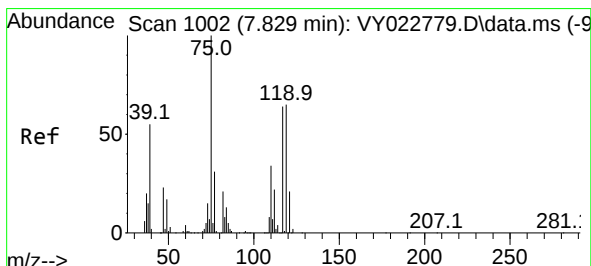
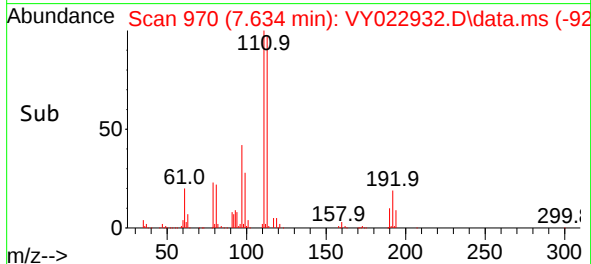
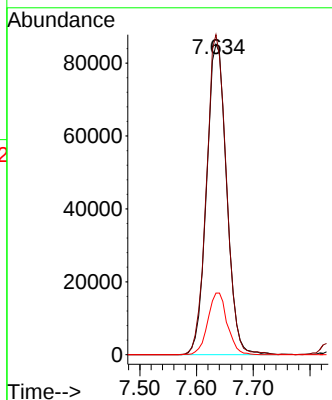
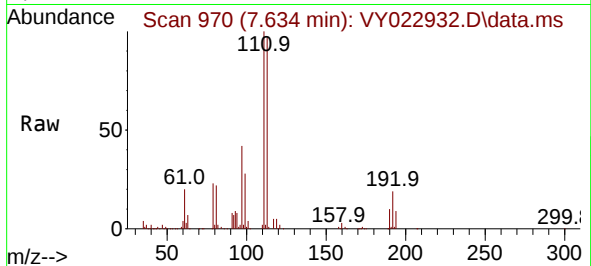




#35
Dibromofluoromethane
Concen: 53.012 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

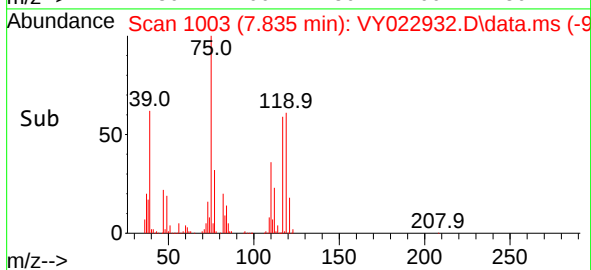
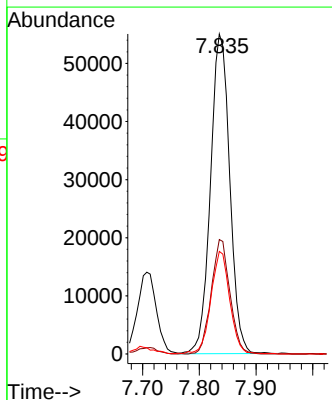
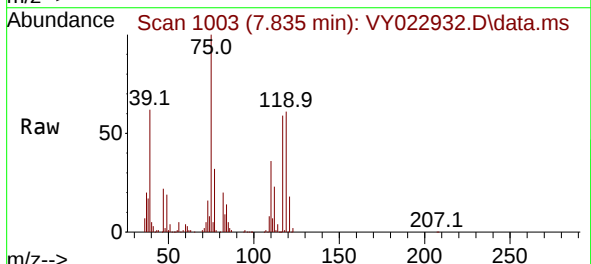
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

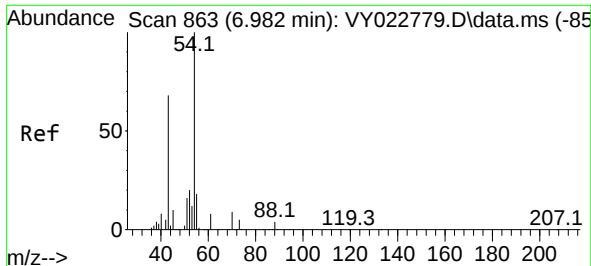
Tgt Ion:113 Resp: 209763
Ion Ratio Lower Upper
113 100
111 101.8 81.1 121.7
192 19.2 14.2 21.2



#36
1,1-Dichloropropene
Concen: 21.650 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 75 Resp: 129854
Ion Ratio Lower Upper
75 100
110 34.5 16.9 50.7
77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 21.471 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

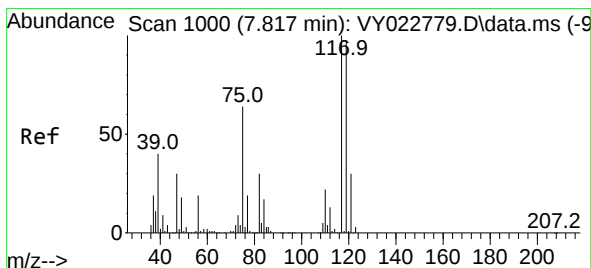
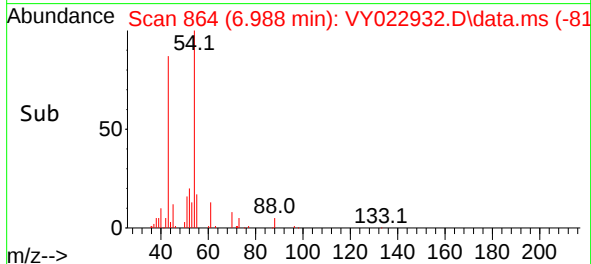
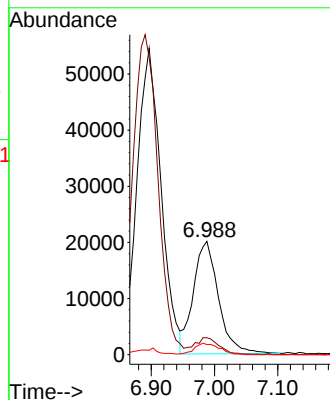
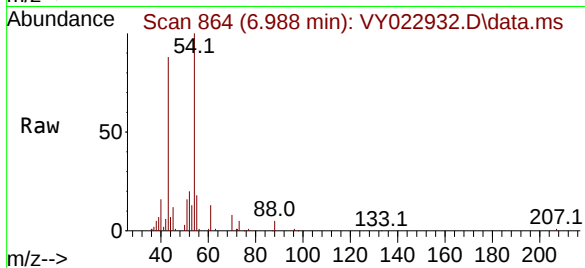
Tgt Ion: 43 Resp: 55569

Ion Ratio Lower Upper

43 100

61 14.4 11.5 17.3

70 10.1 7.2 10.8



#38

Carbon Tetrachloride

Concen: 21.547 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

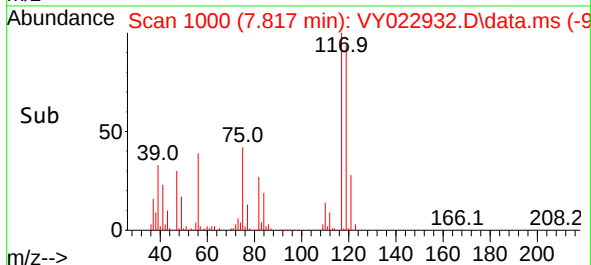
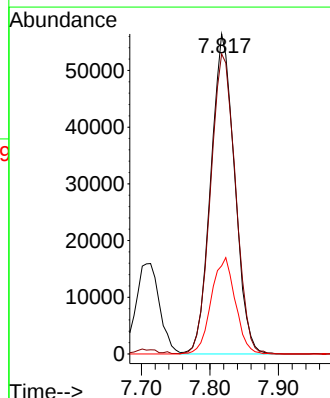
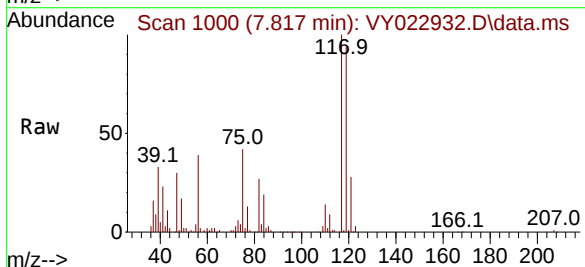
Tgt Ion: 117 Resp: 136357

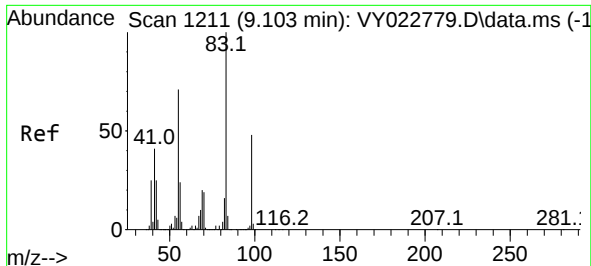
Ion Ratio Lower Upper

117 100

119 93.7 75.0 112.6

121 27.6 25.0 37.4

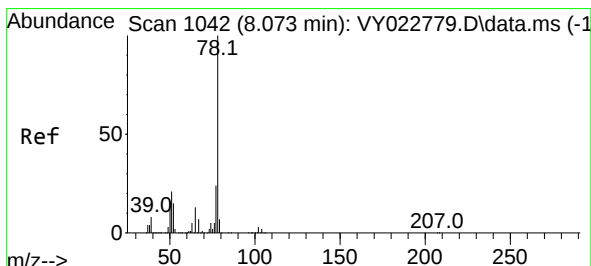
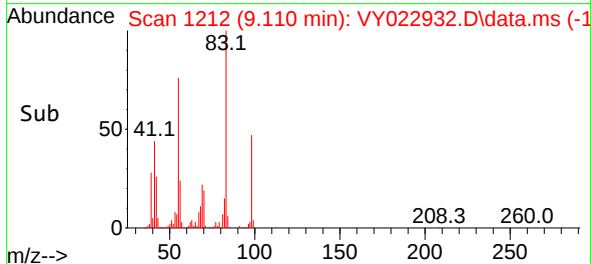
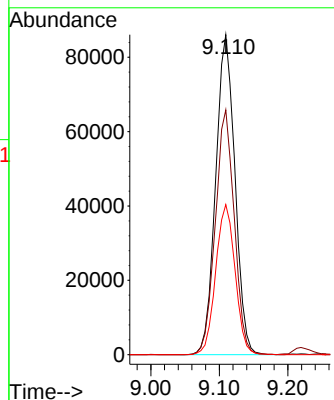
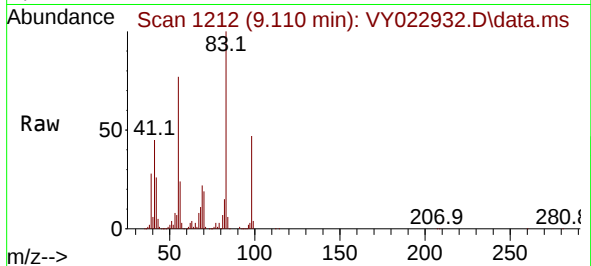




#39
Methylcyclohexane
Concen: 21.638 ug/l
RT: 9.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

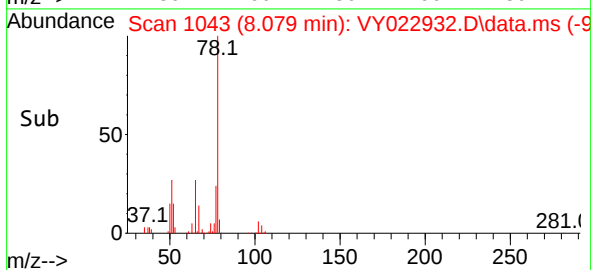
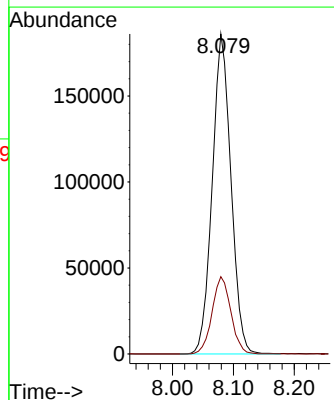
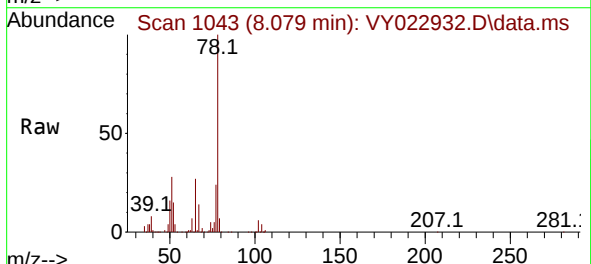
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

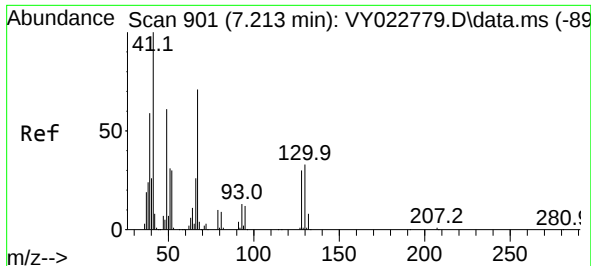
Tgt Ion: 83 Resp: 167950
Ion Ratio Lower Upper
83 100
55 76.5 58.1 87.1
98 46.9 39.0 58.6



#40
Benzene
Concen: 21.528 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 78 Resp: 396991
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9

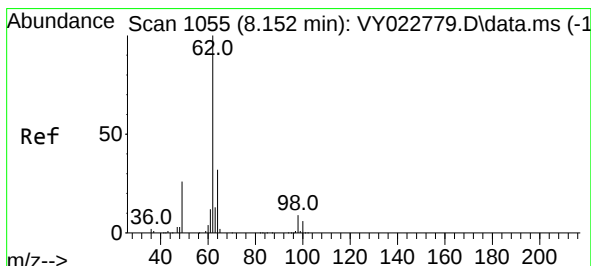
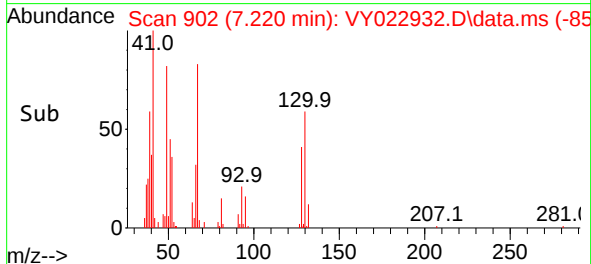
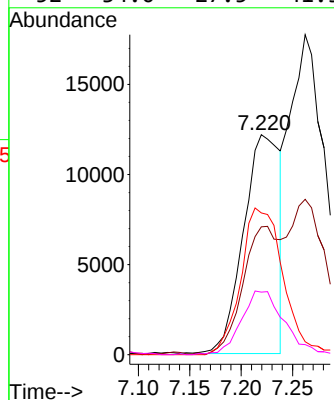
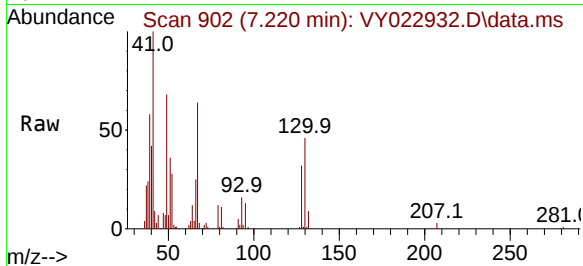




#41
Methacrylonitrile
Concen: 18.764 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

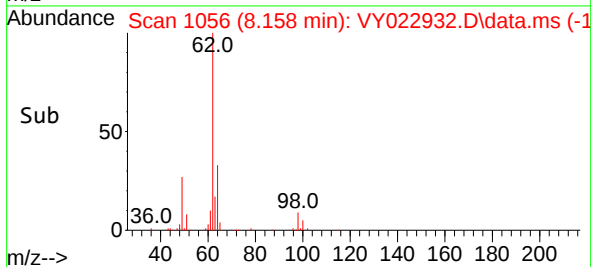
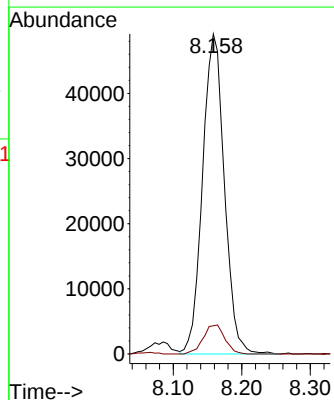
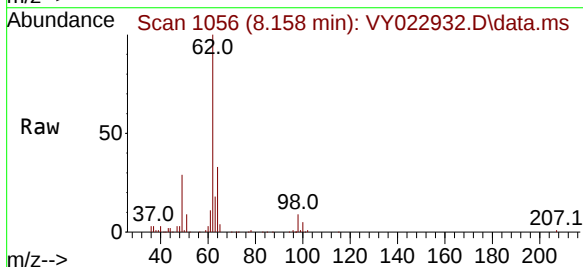
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

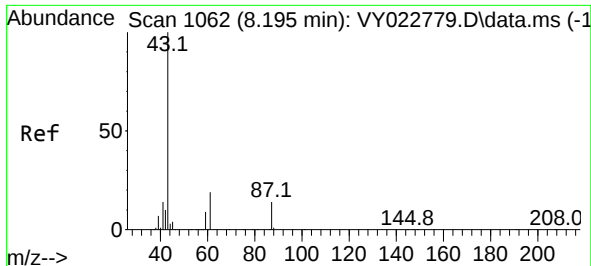
Tgt Ion:	41	Resp:	29897
Ion	Ratio	Lower	Upper
41	100		
39	57.8	46.6	69.8
67	78.5	63.3	94.9
52	34.0	27.5	41.3



#42
1,2-Dichloroethane
Concen: 21.544 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion:	62	Resp:	108867
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.2

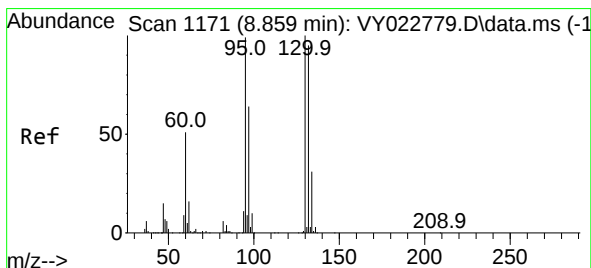
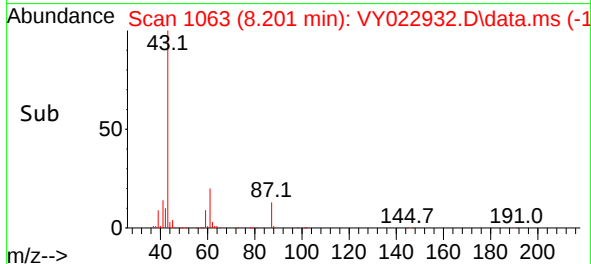
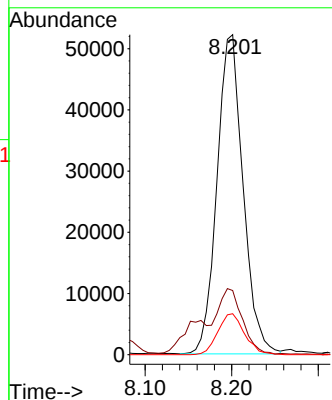
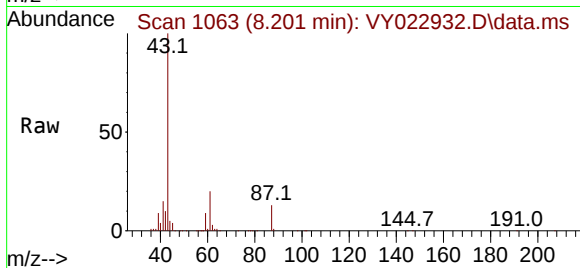




#43
Isopropyl Acetate
Concen: 20.268 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

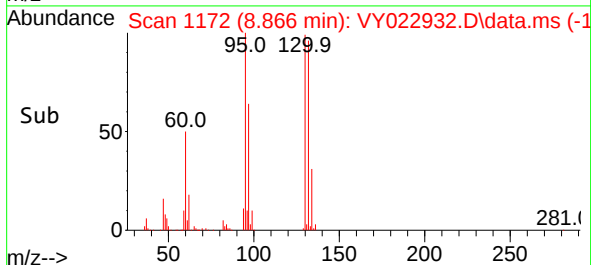
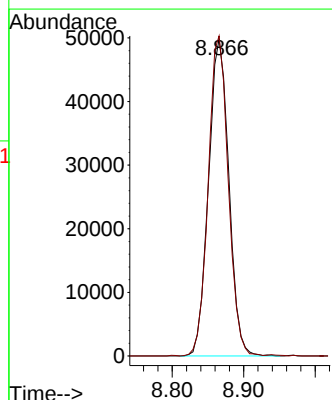
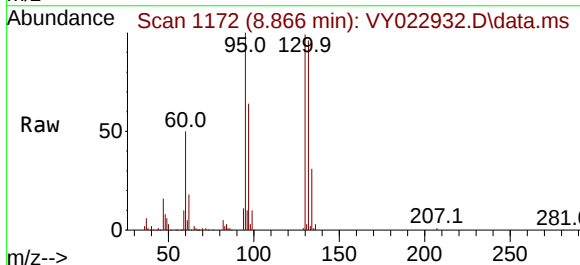
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

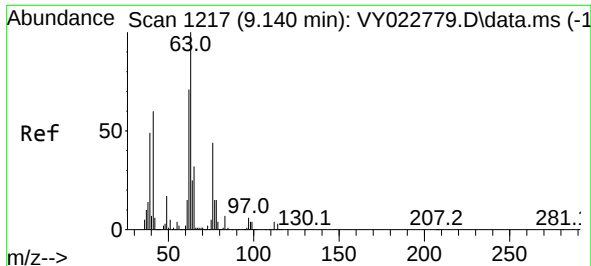
Tgt Ion: 43 Resp: 109026
Ion Ratio Lower Upper
43 100
61 21.1 15.6 23.4
87 13.1 10.2 15.4



#44
Trichloroethene
Concen: 21.243 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion:130 Resp: 98350
Ion Ratio Lower Upper
130 100
95 101.0 0.0 203.0





#45

1,2-Dichloropropane

Concen: 21.685 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

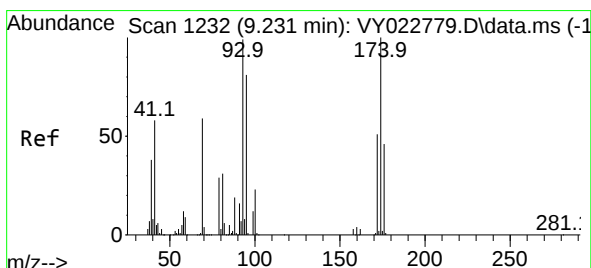
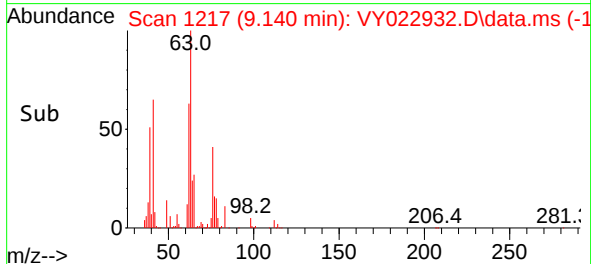
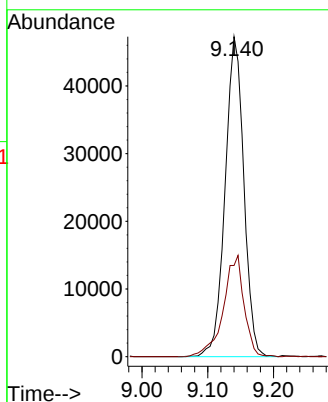
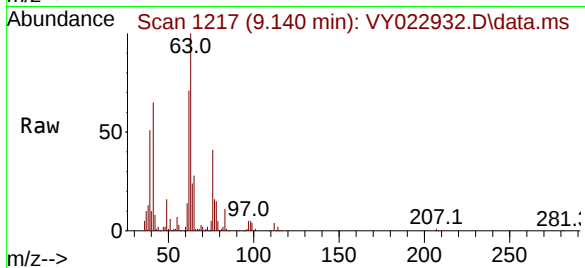
VY0703SBSD01

Tgt Ion: 63 Resp: 93588

Ion Ratio Lower Upper

63 100

65 28.5 24.0 36.0



#46

Dibromomethane

Concen: 20.927 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

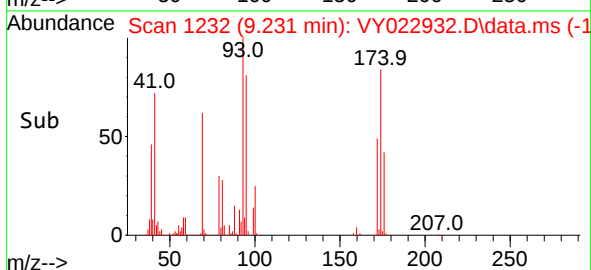
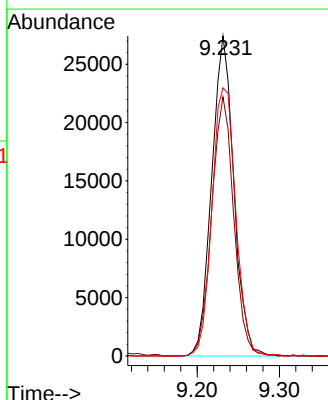
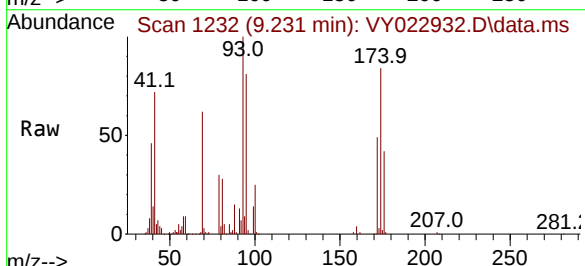
Tgt Ion: 93 Resp: 51270

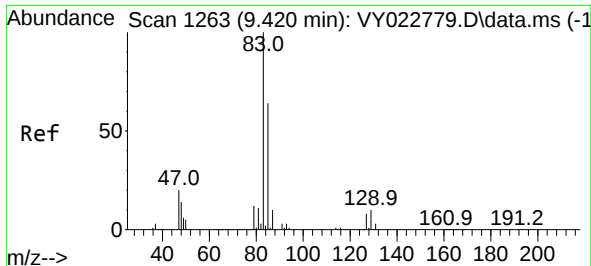
Ion Ratio Lower Upper

93 100

95 80.8 65.6 98.4

174 89.9 70.4 105.6

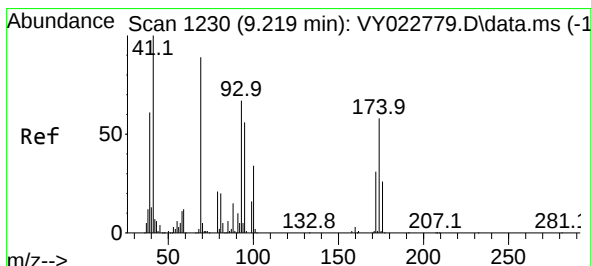
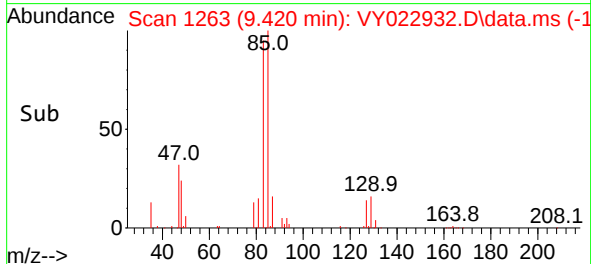
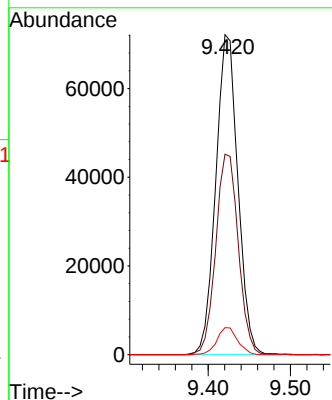
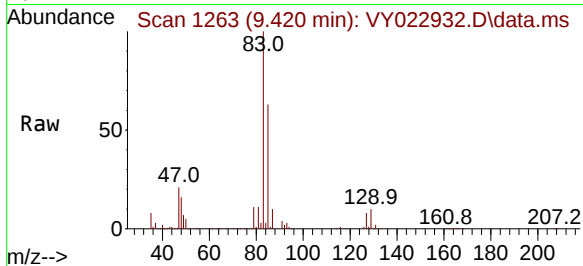




#47
Bromodichloromethane
Concen: 21.326 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

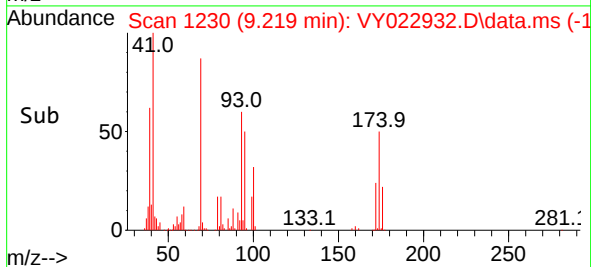
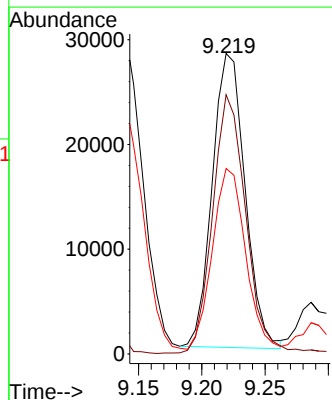
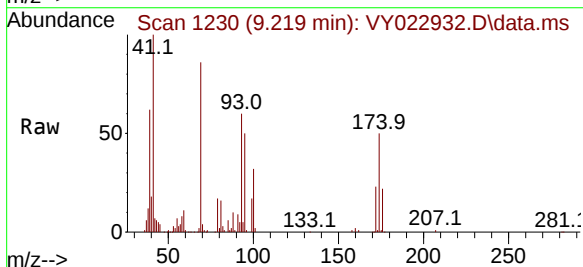
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

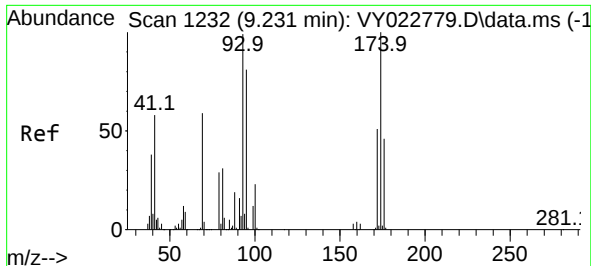
Tgt Ion: 83 Resp: 134734
Ion Ratio Lower Upper
83 100
85 62.7 49.1 73.7
127 8.4 6.2 9.4



#48
Methyl methacrylate
Concen: 19.562 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 41 Resp: 50587
Ion Ratio Lower Upper
41 100
69 89.4 67.8 101.8
39 62.5 55.0 82.4





#49

1,4-Dioxane

Concen: 355.737 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.012 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBSD01

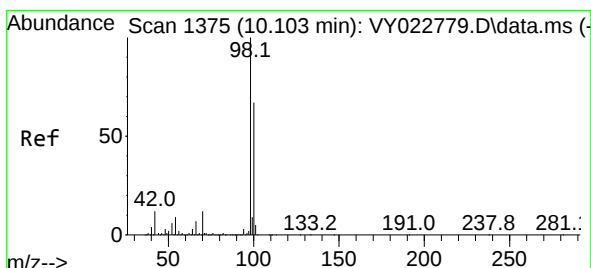
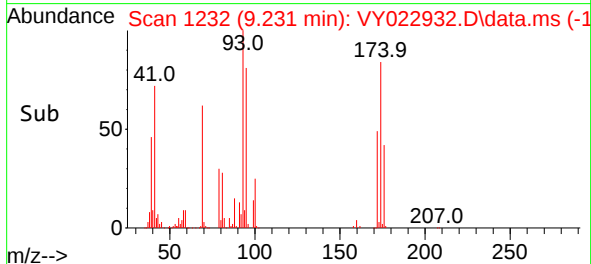
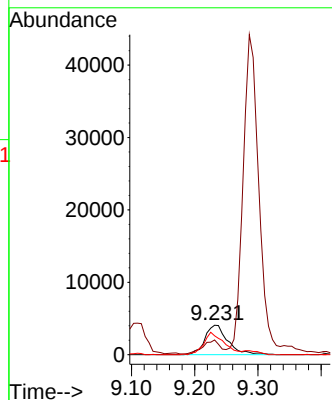
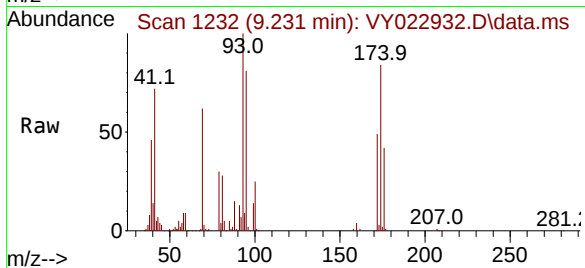
Tgt Ion: 88 Resp: 10297

Ion Ratio Lower Upper

88 100

43 36.5 25.4 38.2

58 67.4 54.9 82.3



#50

Toluene-d8

Concen: 52.147 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022932.D

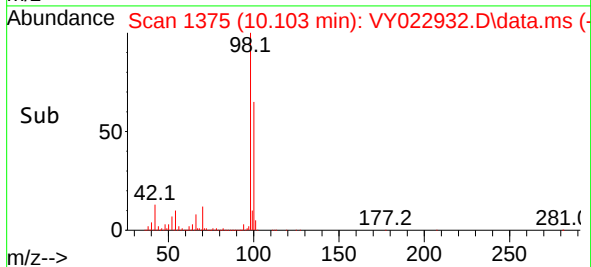
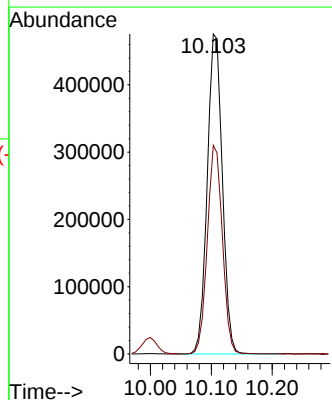
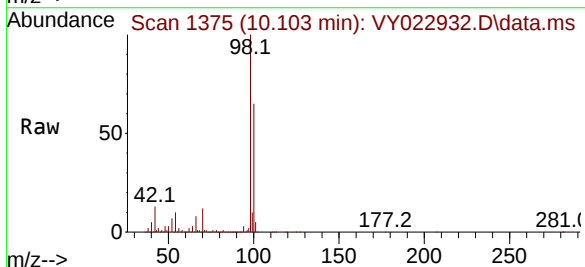
Acq: 03 Jul 2025 10:52

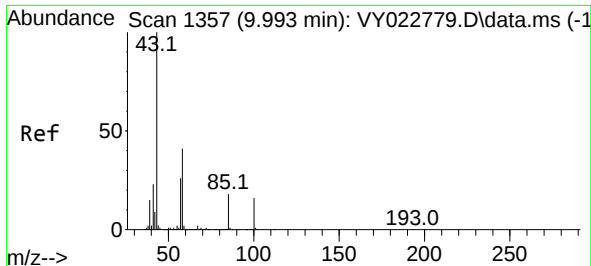
Tgt Ion: 98 Resp: 818789

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0

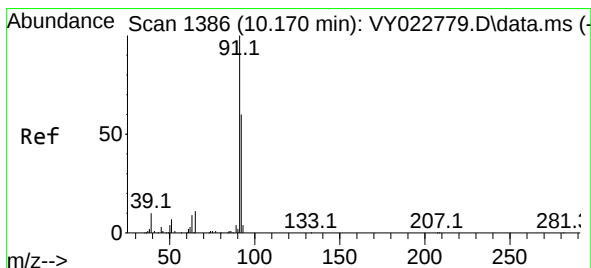
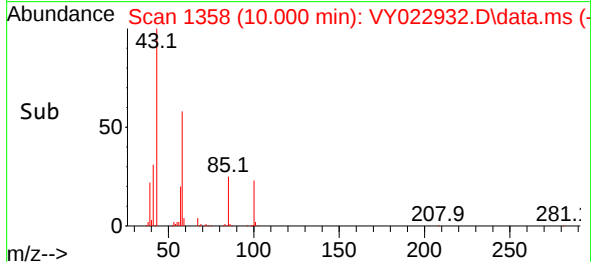
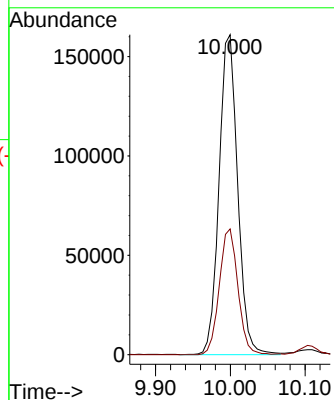
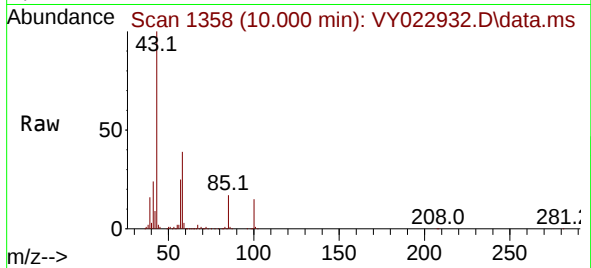




#51
4-Methyl-2-Pentanone
Concen: 102.128 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

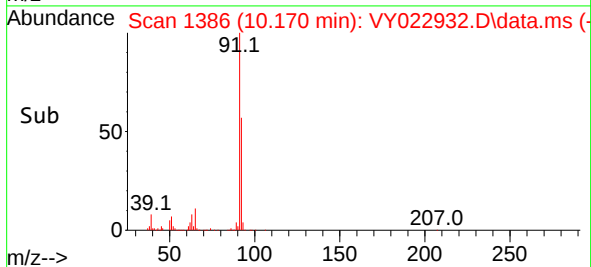
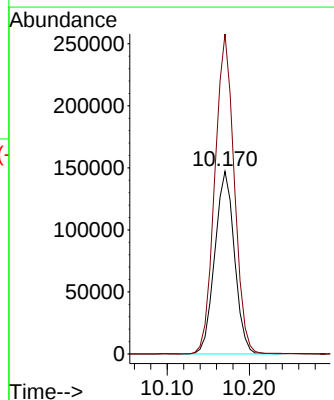
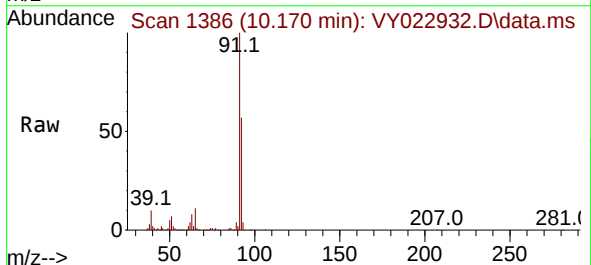
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

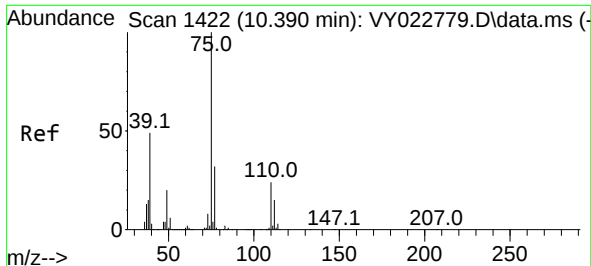
Tgt Ion: 43 Resp: 279168
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6



#52
Toluene
Concen: 20.965 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 92 Resp: 243898
Ion Ratio Lower Upper
92 100
91 173.8 139.0 208.4

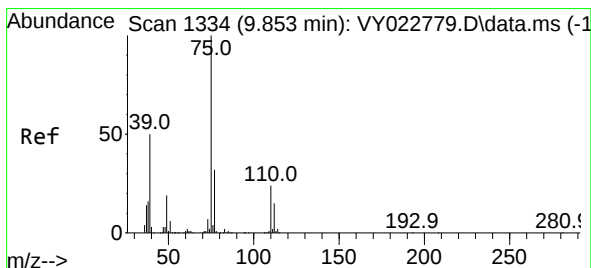
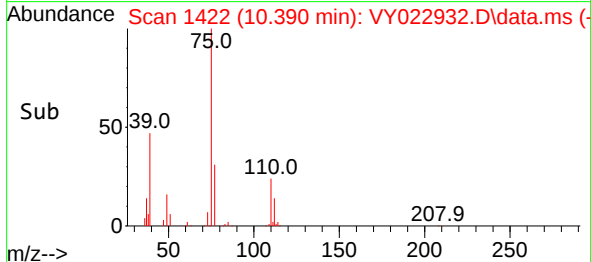
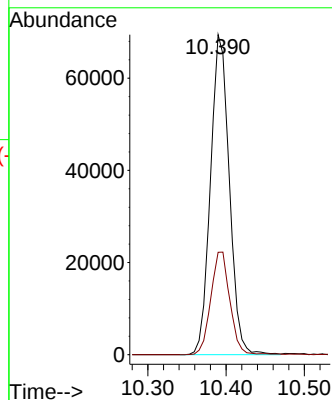
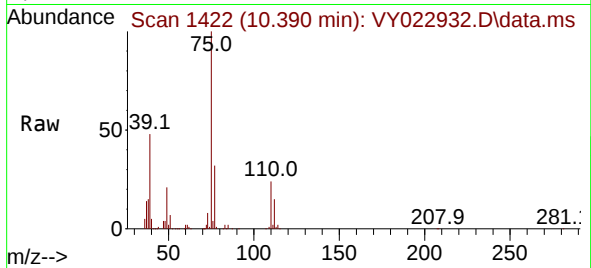




#53
 t-1,3-Dichloropropene
 Concen: 20.384 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY022932.D
 Acq: 03 Jul 2025 10:52

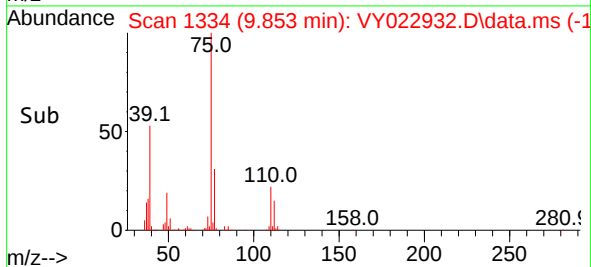
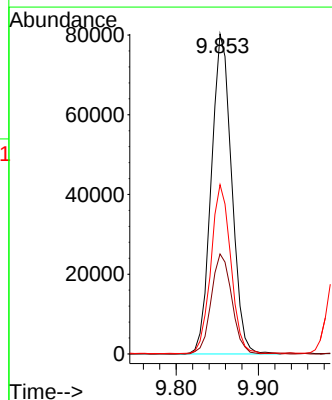
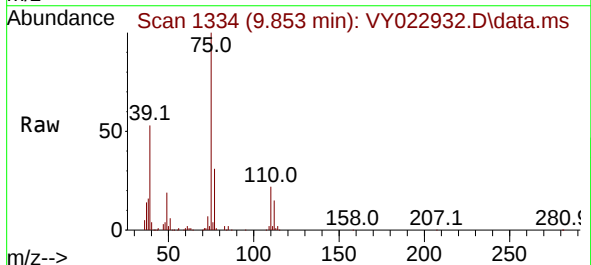
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBSD01

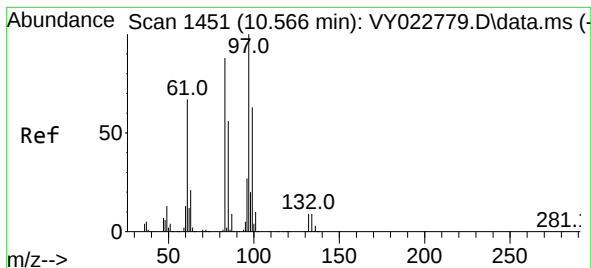
Tgt Ion: 75 Resp: 115867
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.962 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY022932.D
 Acq: 03 Jul 2025 10:52

Tgt Ion: 75 Resp: 138161
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9
 39 52.7 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 20.715 ug/l

RT: 10.573 min Scan# 1451

Delta R.T. -0.000 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBSD01

Tgt Ion: 97 Resp: 65717

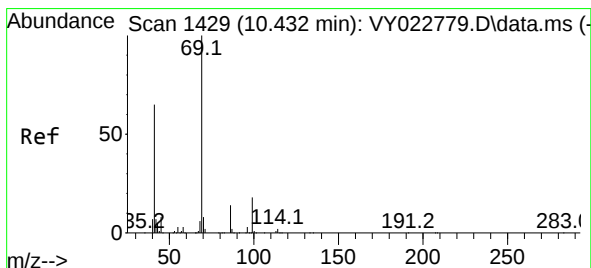
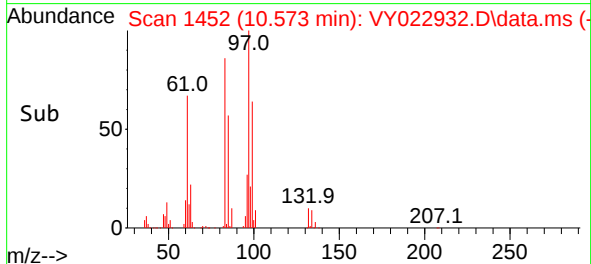
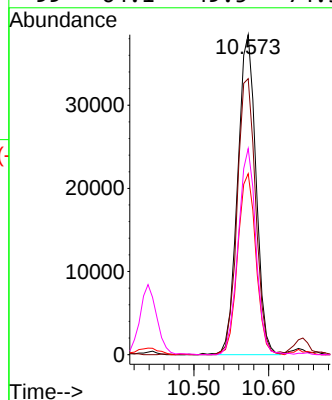
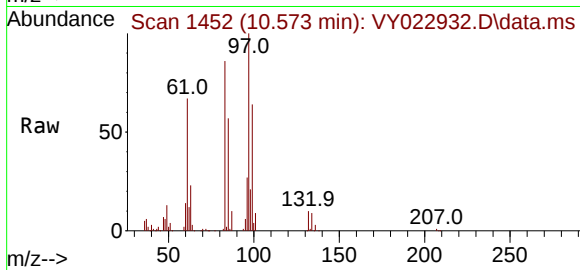
Ion Ratio Lower Upper

97 100

83 86.2 68.1 102.1

85 56.3 48.2 72.2

99 64.1 49.5 74.3



#56

Ethyl methacrylate

Concen: 19.302 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

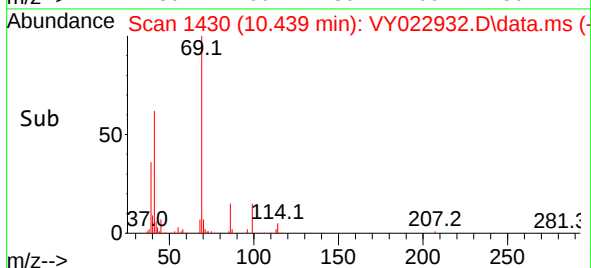
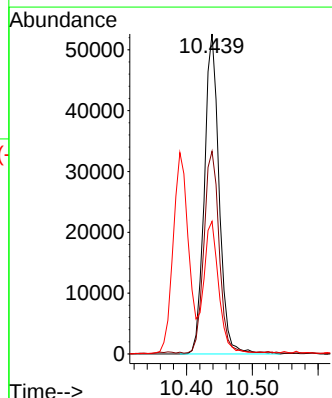
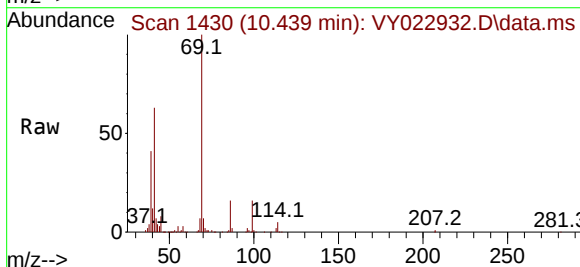
Tgt Ion: 69 Resp: 82386

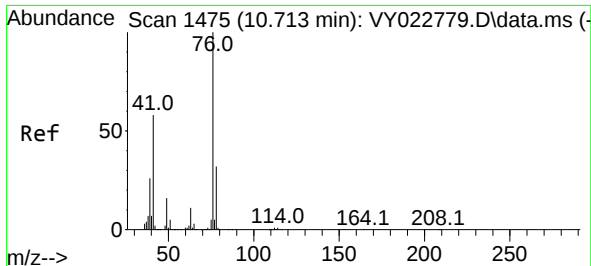
Ion Ratio Lower Upper

69 100

41 65.1 52.2 78.2

39 41.5 36.7 55.1





#57

1,3-Dichloropropane

Concen: 20.955 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

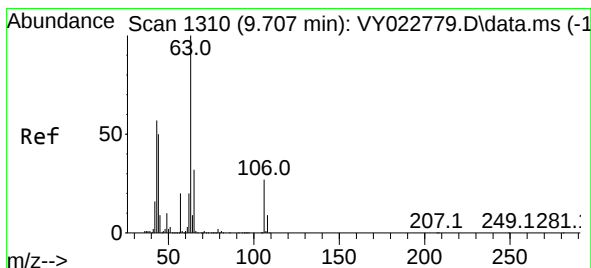
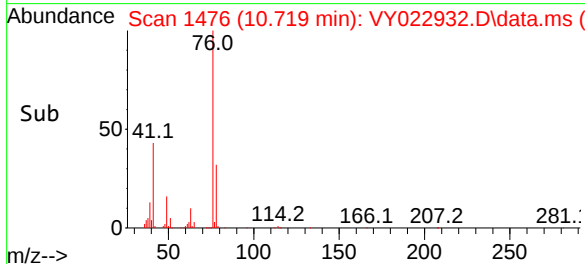
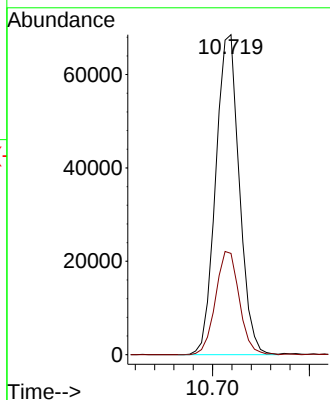
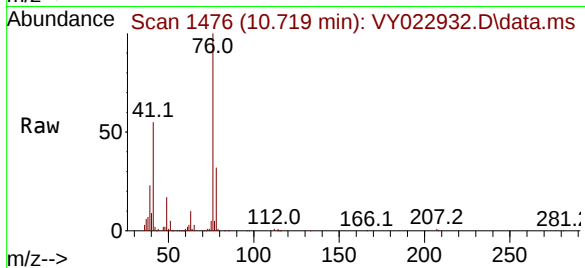
VY0703SBS01

Tgt Ion: 76 Resp: 115983

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.555 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022932.D

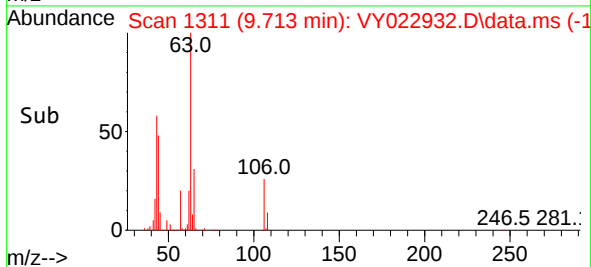
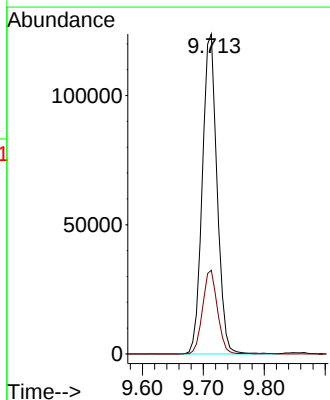
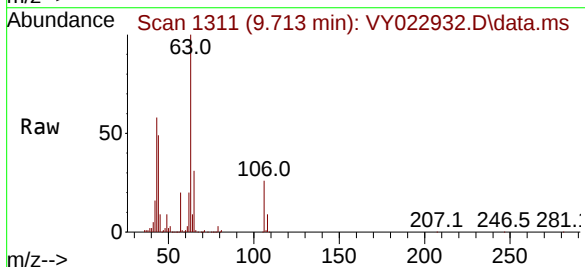
Acq: 03 Jul 2025 10:52

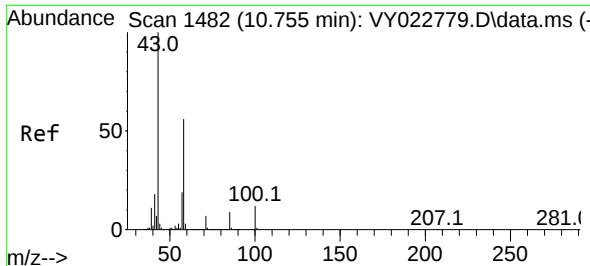
Tgt Ion: 63 Resp: 207967

Ion Ratio Lower Upper

63 100

106 26.3 21.6 32.4

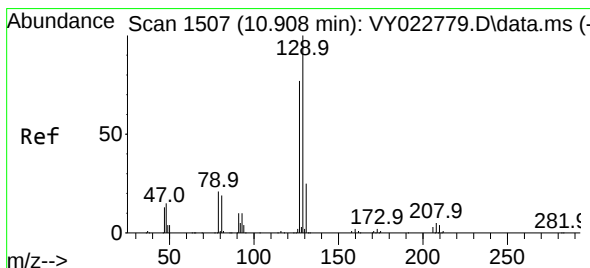
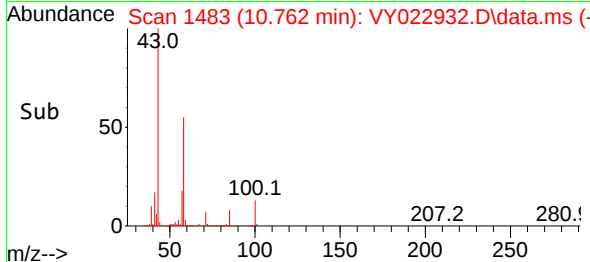
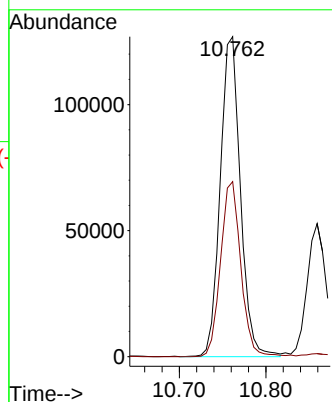
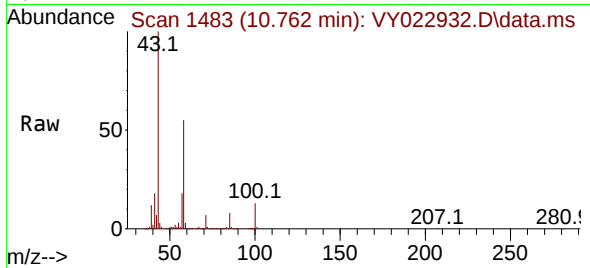




#59
2-Hexanone
Concen: 110.462 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

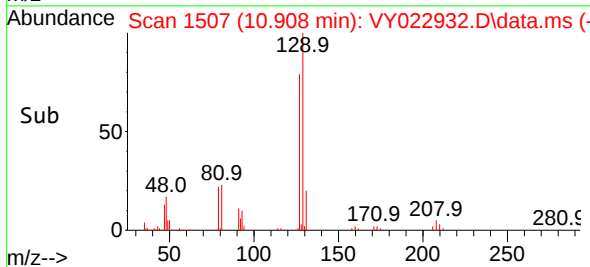
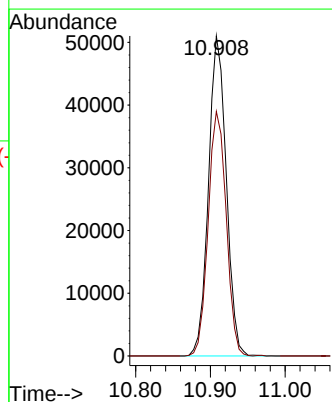
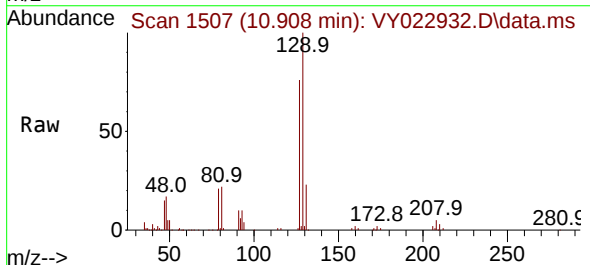
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

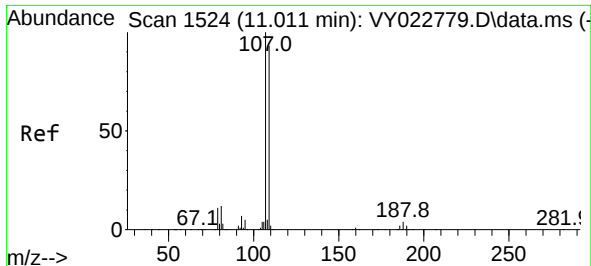
Tgt Ion: 43 Resp: 205289
Ion Ratio Lower Upper
43 100
58 54.8 27.3 81.8



#60
Dibromochloromethane
Concen: 20.539 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 129 Resp: 84165
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2

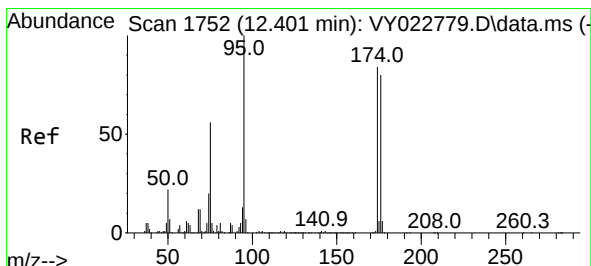
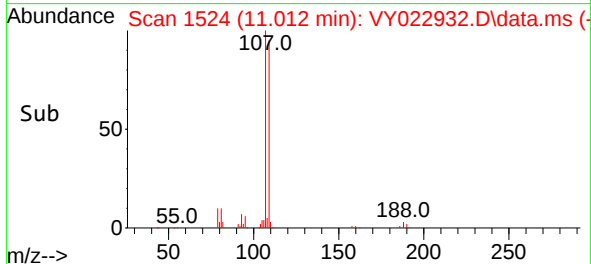
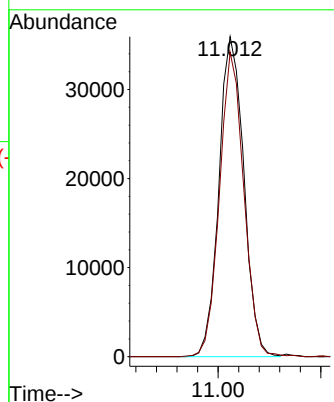
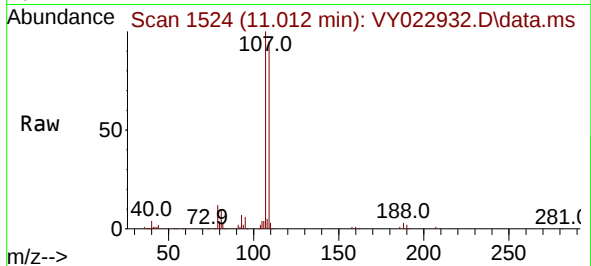




#61
1,2-Dibromoethane
Concen: 20.302 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

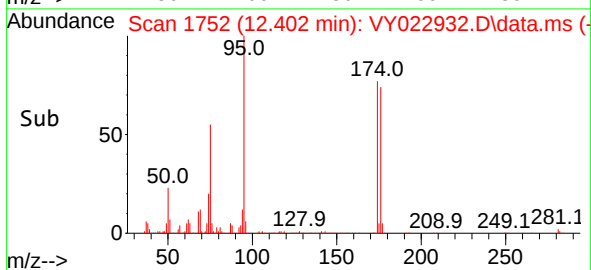
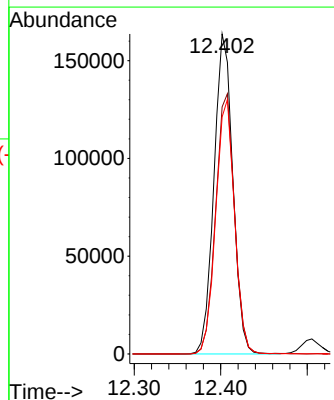
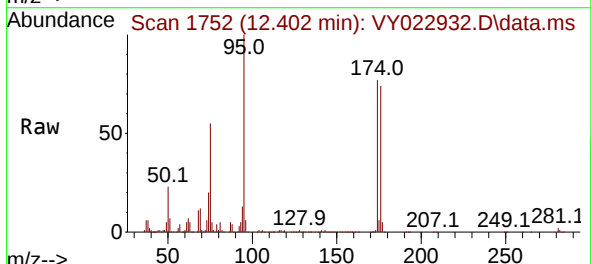
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

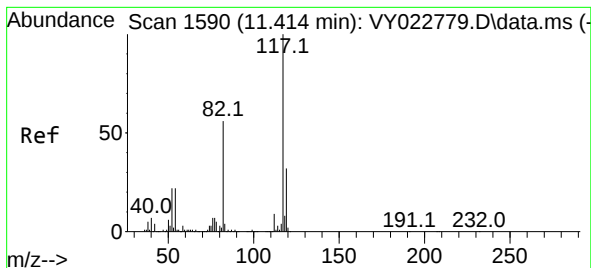
Tgt Ion:107 Resp: 60272
Ion Ratio Lower Upper
107 100
109 93.1 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 49.086 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 95 Resp: 247766
Ion Ratio Lower Upper
95 100
174 81.3 0.0 170.0
176 79.1 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBSD01

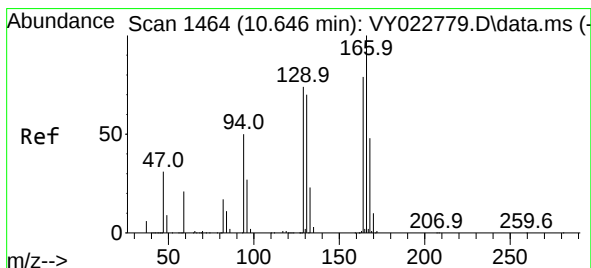
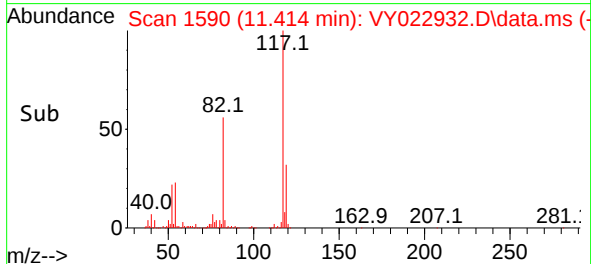
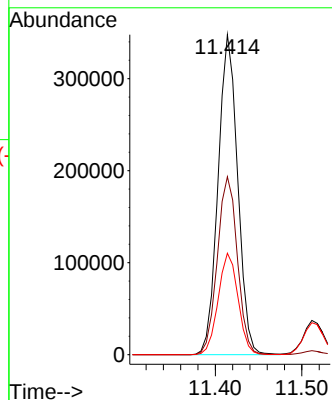
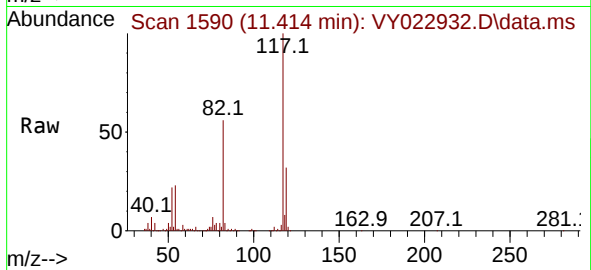
Tgt Ion:117 Resp: 546920

Ion Ratio Lower Upper

117 100

82 55.6 44.6 66.8

119 31.7 25.4 38.0



#64

Tetrachloroethene

Concen: 20.243 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Tgt Ion:164 Resp: 104589

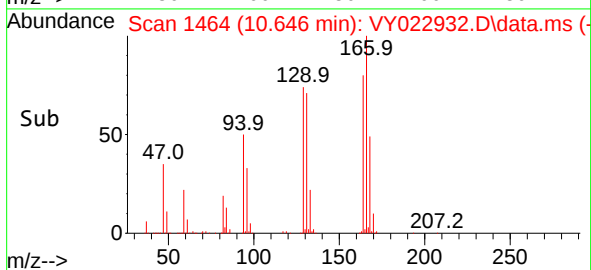
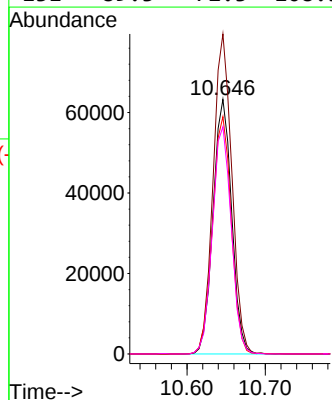
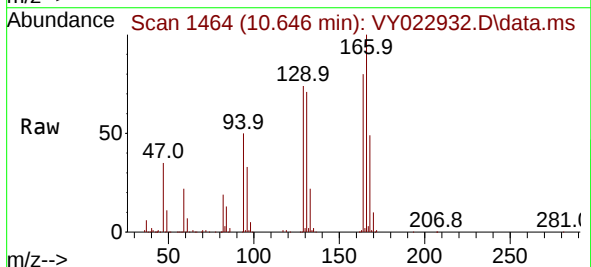
Ion Ratio Lower Upper

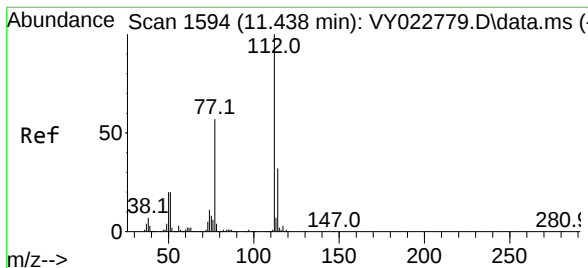
164 100

166 125.7 104.0 156.0

129 93.2 74.5 111.7

131 89.3 72.3 108.5

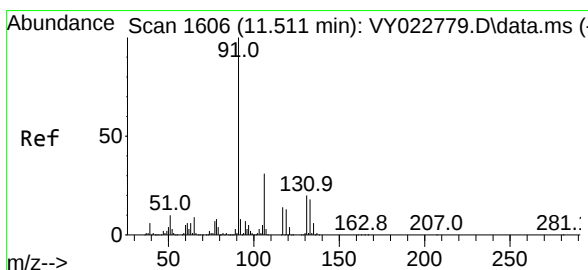
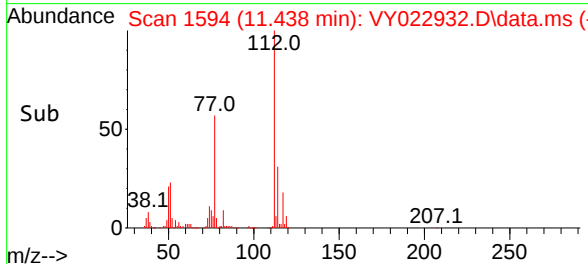
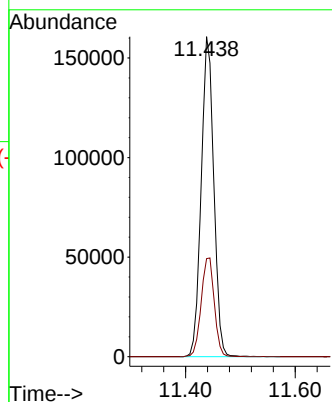
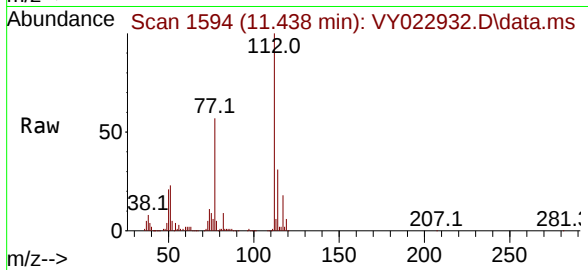




#65
Chlorobenzene
Concen: 21.306 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

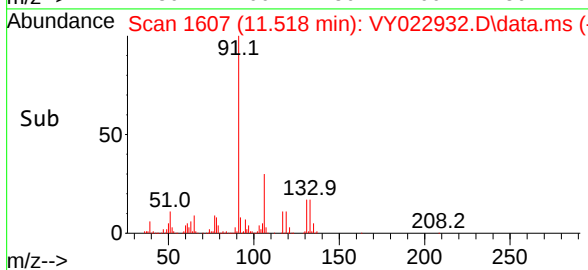
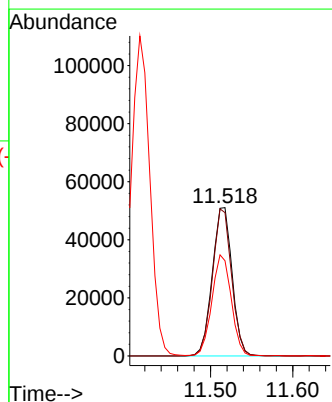
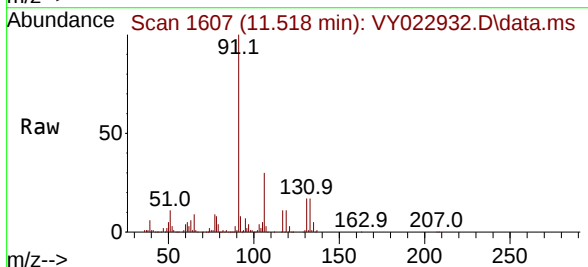
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

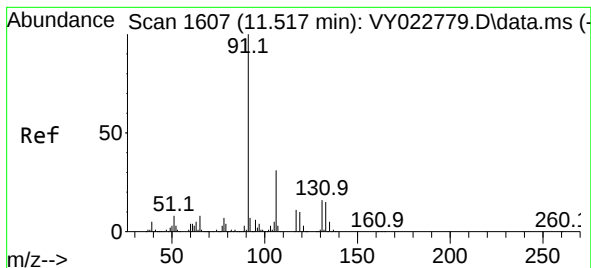
Tgt Ion:112 Resp: 256042
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.022 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion:131 Resp: 85567
Ion Ratio Lower Upper
131 100
133 95.9 47.3 141.8
119 66.7 33.1 99.3





#67

Ethyl Benzene

Concen: 21.365 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

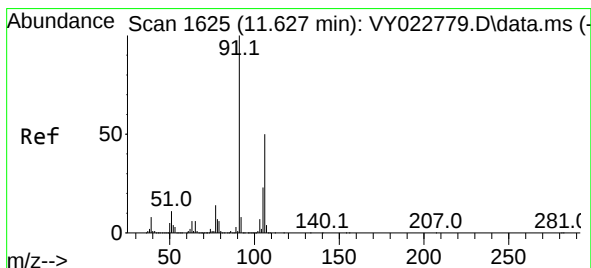
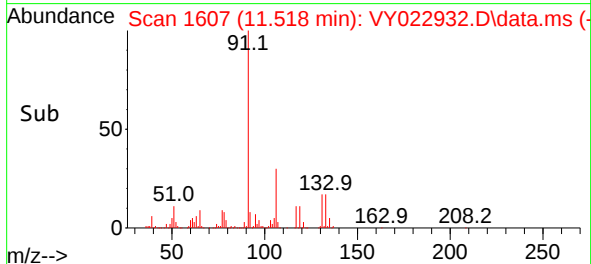
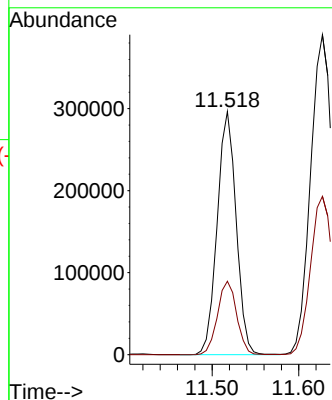
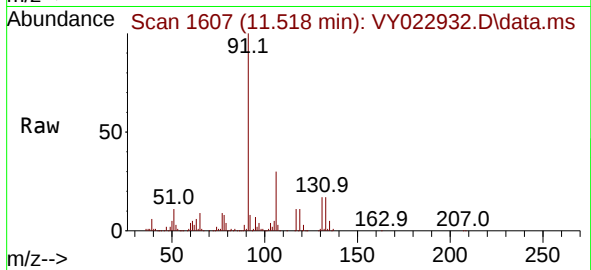
VY0703SBSD01

Tgt Ion: 91 Resp: 451113

Ion Ratio Lower Upper

91 100

106 30.2 24.2 36.4



#68

m/p-Xylenes

Concen: 42.508 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022932.D

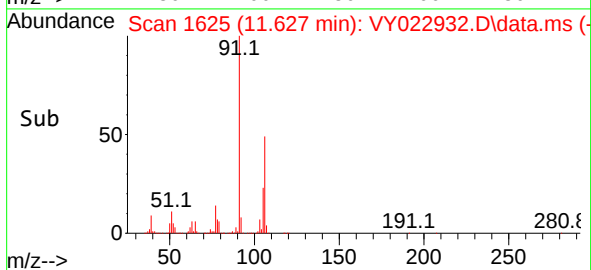
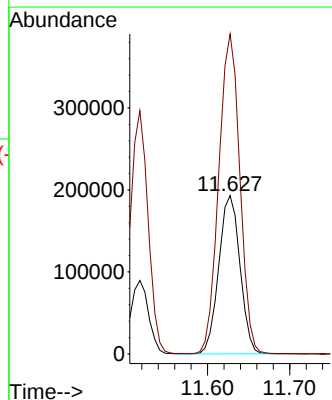
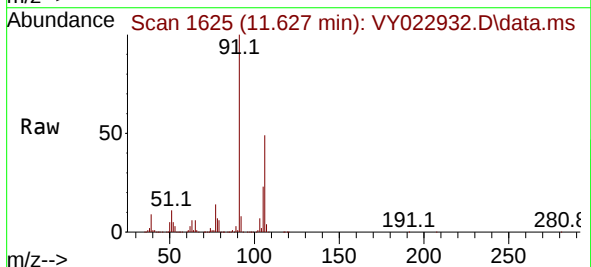
Acq: 03 Jul 2025 10:52

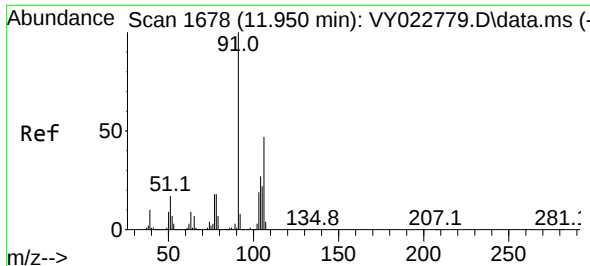
Tgt Ion:106 Resp: 346962

Ion Ratio Lower Upper

106 100

91 201.0 159.4 239.0

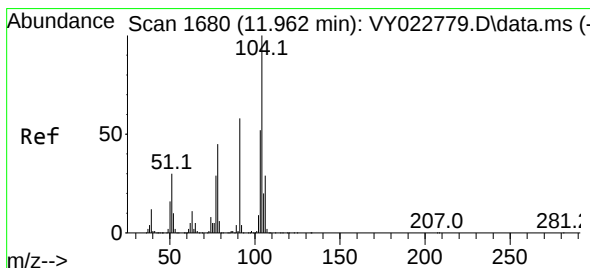
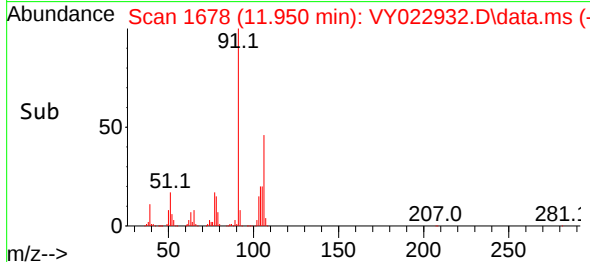
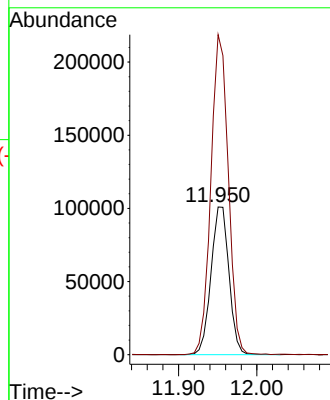
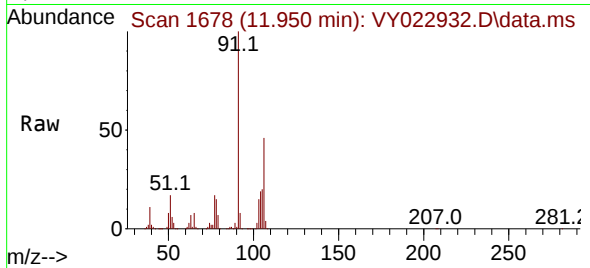




#69
o-Xylene
Concen: 20.890 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

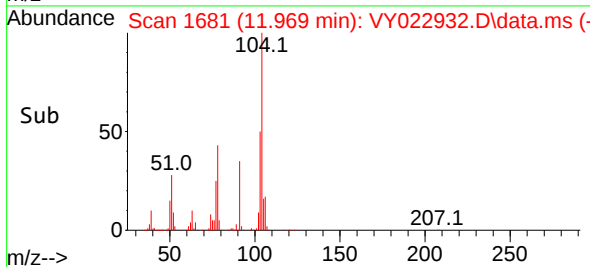
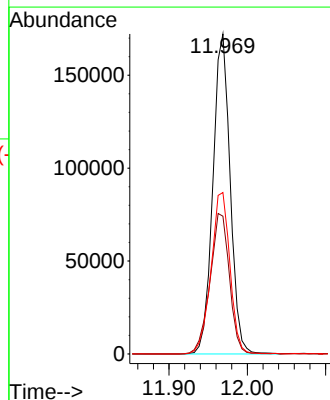
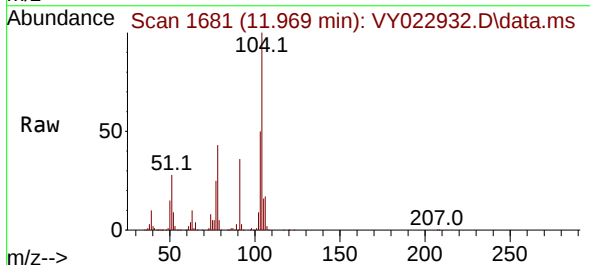
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

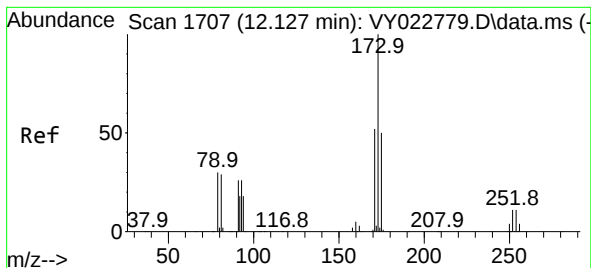
Tgt Ion:106 Resp: 160665
Ion Ratio Lower Upper
106 100
91 210.7 105.8 317.3



#70
Styrene
Concen: 20.459 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion:104 Resp: 263569
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 55.3 44.1 66.1





#71

Bromoform

Concen: 19.755 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

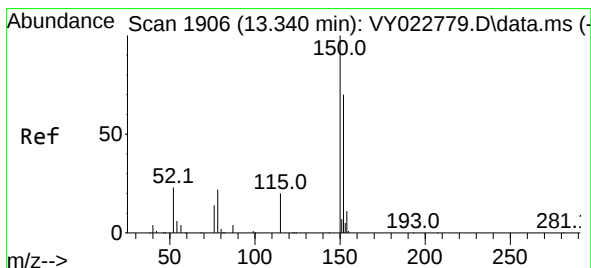
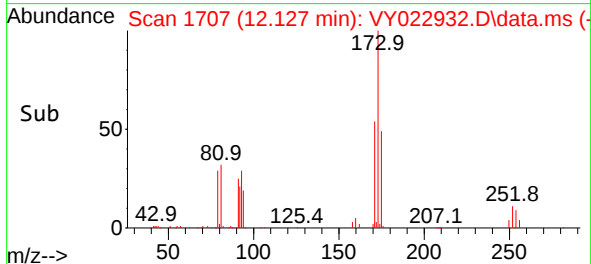
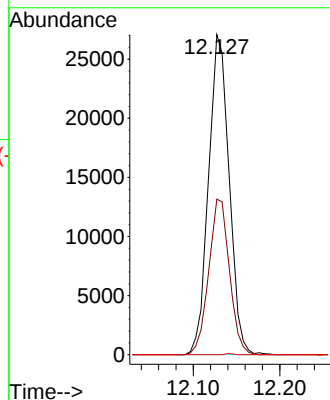
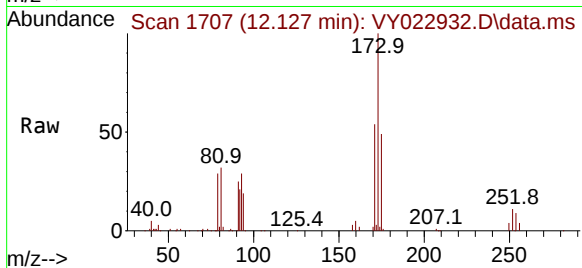
Tgt Ion:173 Resp: 44773

Ion Ratio Lower Upper

173 100

175 48.8 23.8 71.5

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

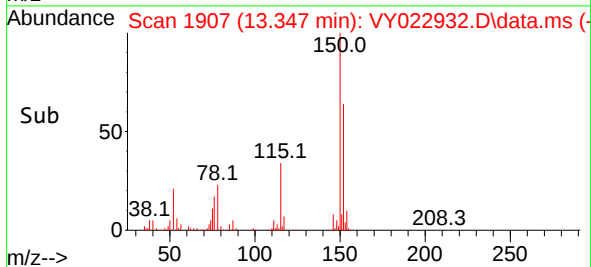
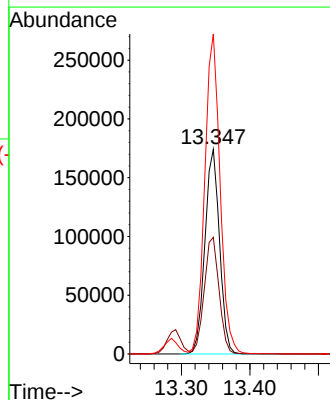
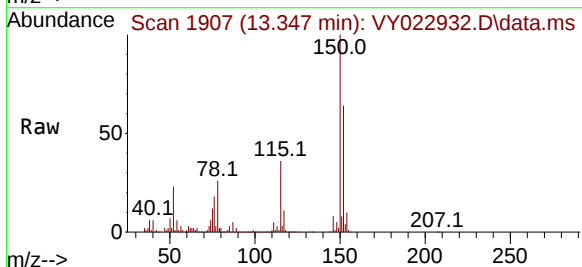
Tgt Ion:152 Resp: 258886

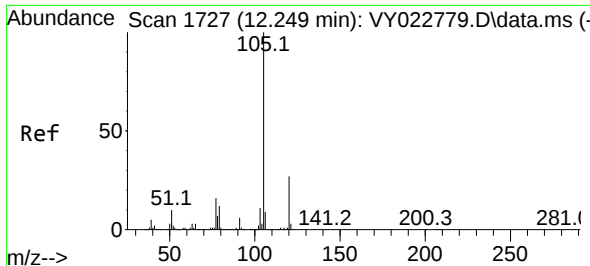
Ion Ratio Lower Upper

152 100

115 57.6 28.9 86.7

150 163.2 0.0 349.6

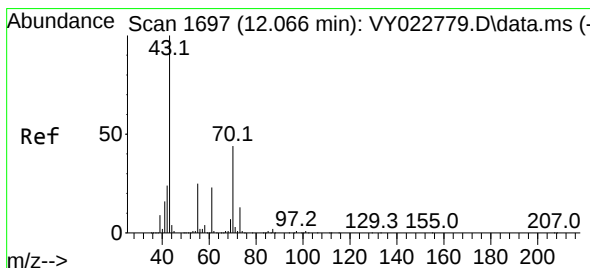
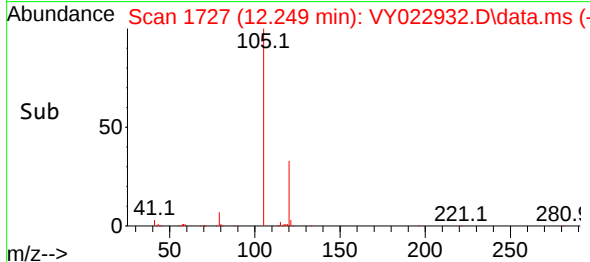
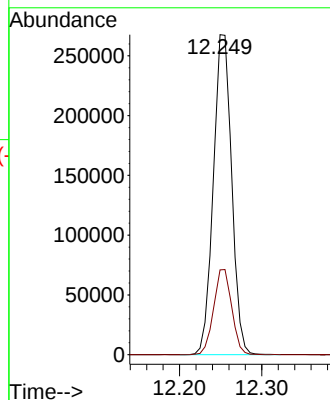
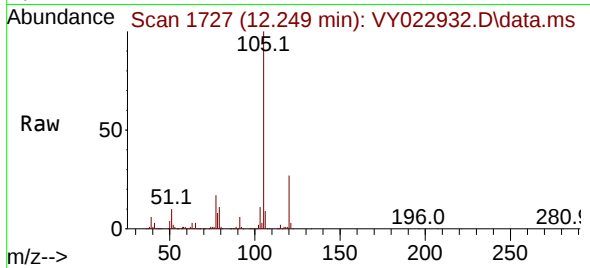




#73
Isopropylbenzene
Concen: 21.665 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

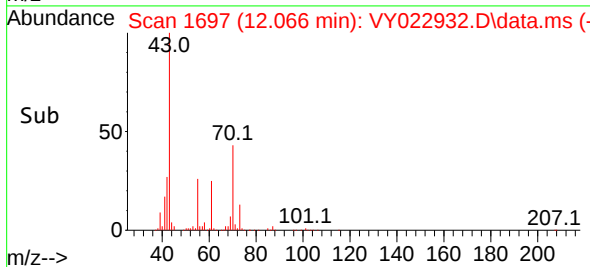
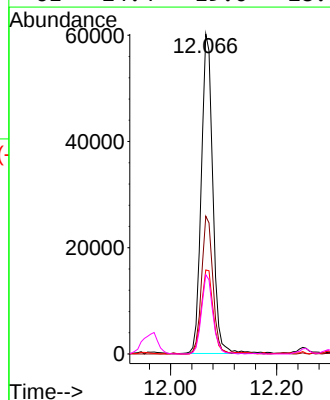
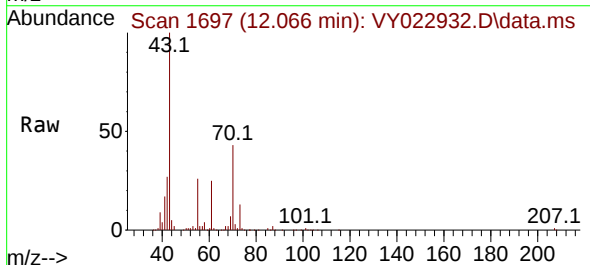
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

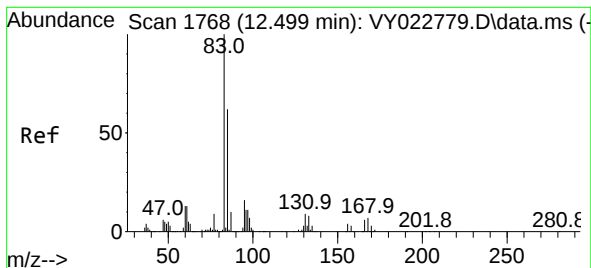
Tgt Ion:105 Resp: 414807
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9



#74
N-ethyl acetate
Concen: 21.170 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 43 Resp: 90982
Ion Ratio Lower Upper
43 100
70 42.1 34.2 51.2
55 27.2 18.2 27.4
61 24.4 19.0 28.6

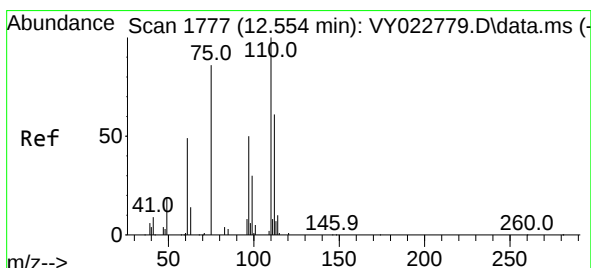
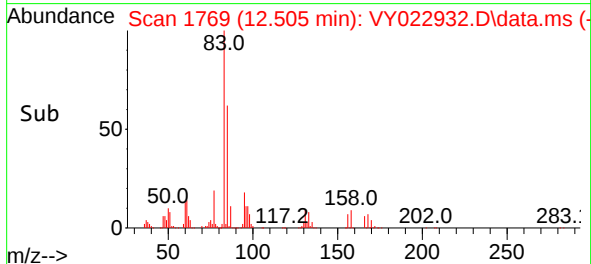
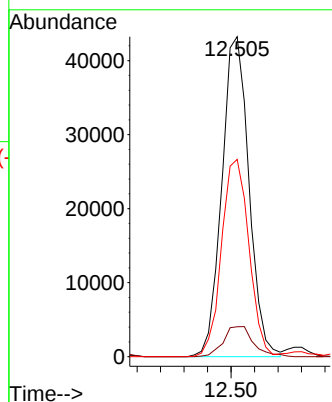
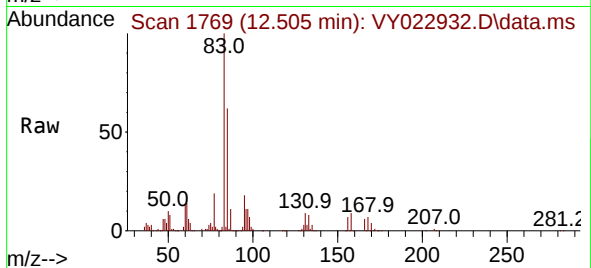




#75
1,1,2,2-Tetrachloroethane
Concen: 22.463 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

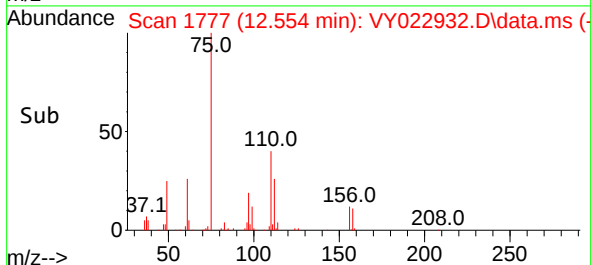
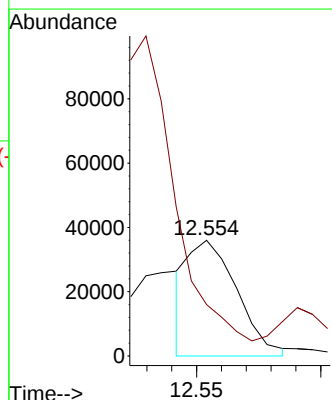
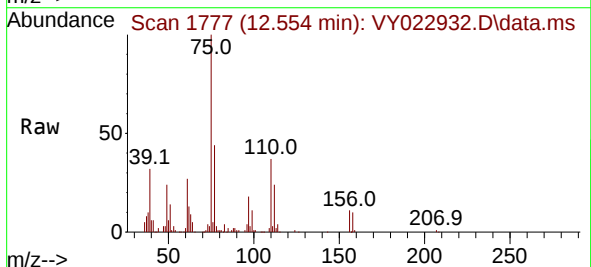
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

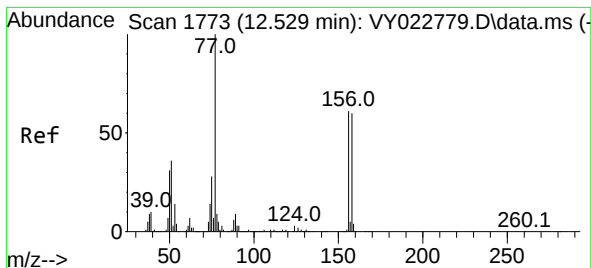
Tgt Ion: 83 Resp: 69314
Ion Ratio Lower Upper
83 100
131 10.4 4.9 14.7
85 62.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 18.741 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 75 Resp: 49532
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.085 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBSD01

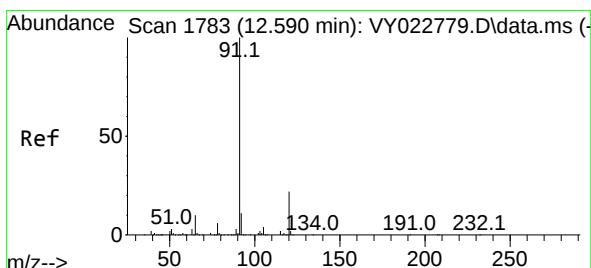
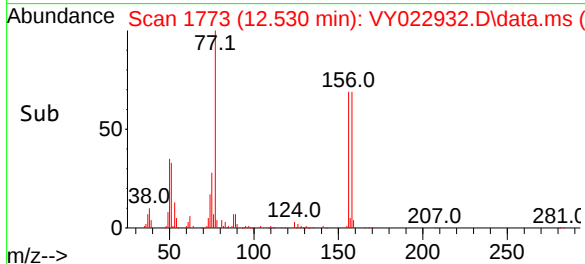
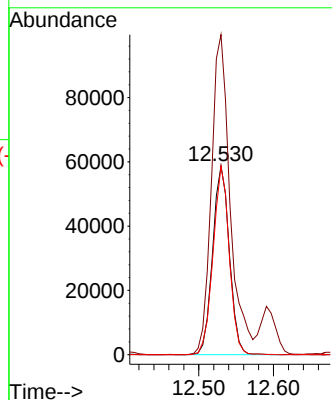
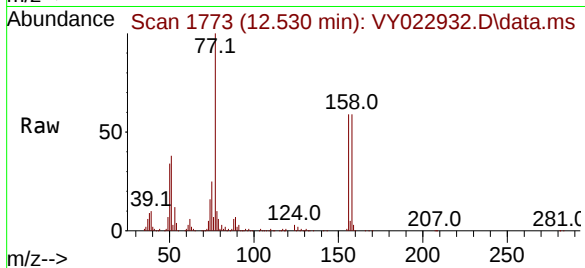
Tgt Ion:156 Resp: 91505

Ion Ratio Lower Upper

156 100

77 189.5 94.0 282.1

158 96.6 48.2 144.6



#78

n-propylbenzene

Concen: 22.214 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022932.D

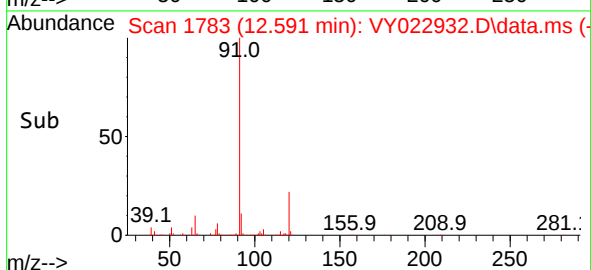
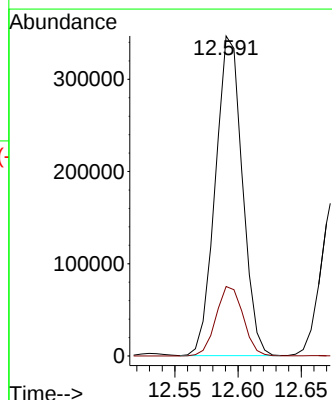
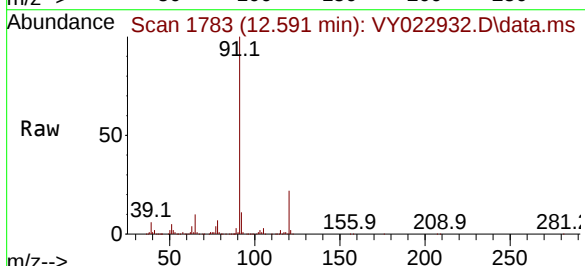
Acq: 03 Jul 2025 10:52

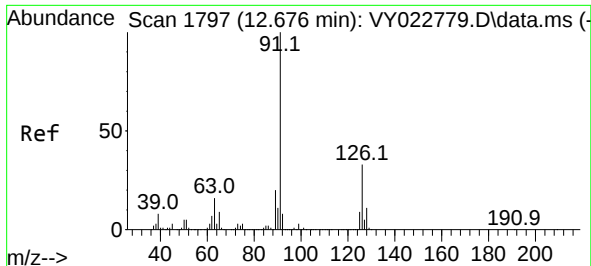
Tgt Ion: 91 Resp: 513518

Ion Ratio Lower Upper

91 100

120 21.9 10.8 32.4





#79

2-Chlorotoluene

Concen: 21.968 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

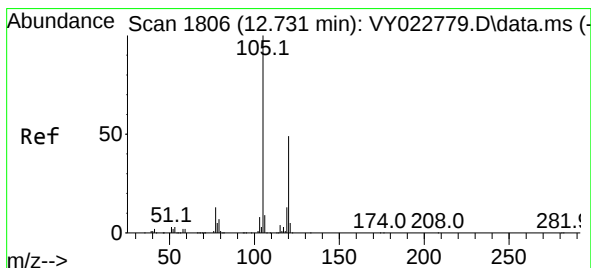
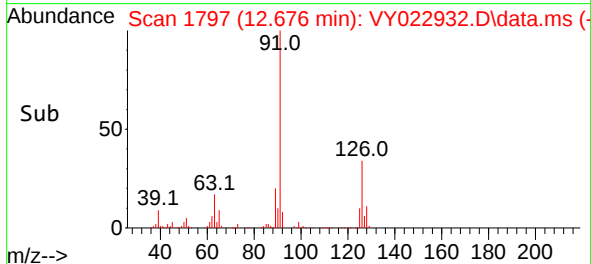
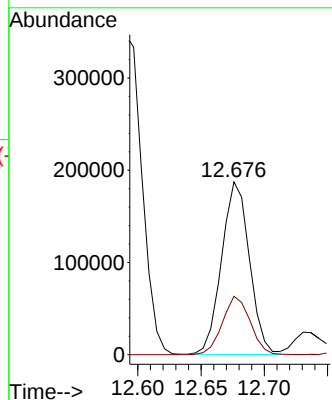
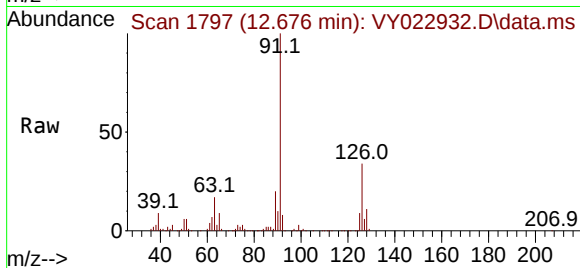
VY0703SBS01

Tgt Ion: 91 Resp: 286917

Ion Ratio Lower Upper

91 100

126 33.7 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 21.612 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VY022932.D

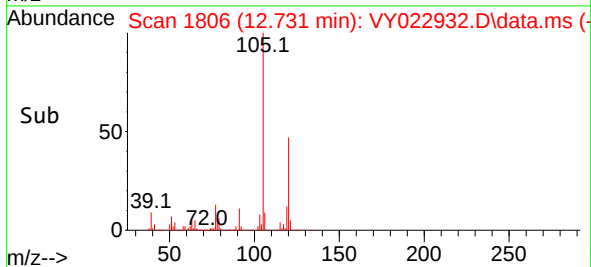
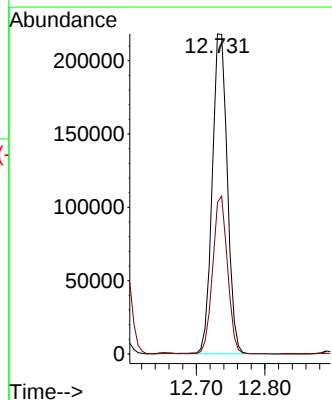
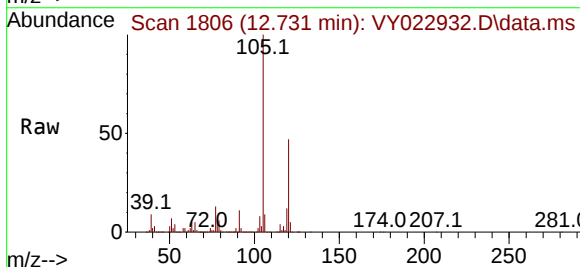
Acq: 03 Jul 2025 10:52

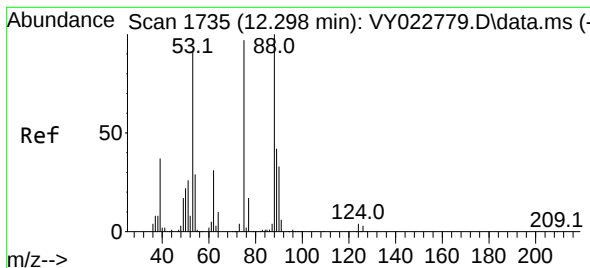
Tgt Ion: 105 Resp: 334039

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.4

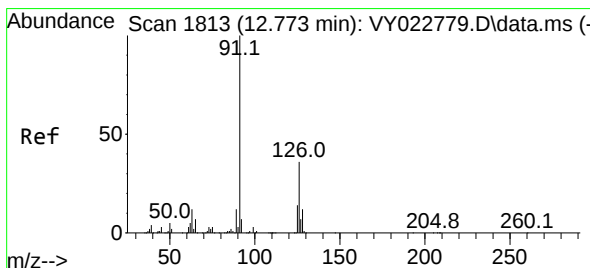
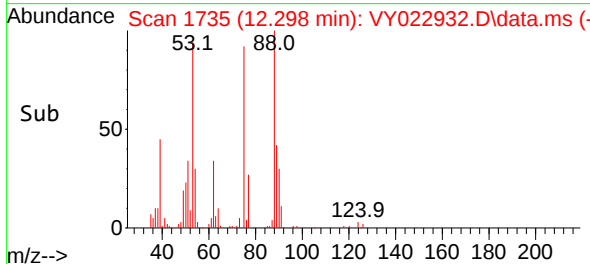
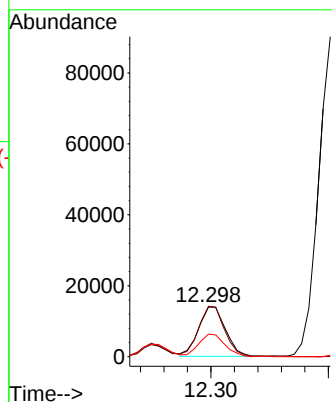
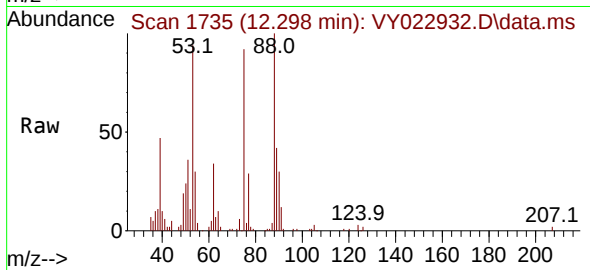




#81
trans-1,4-Dichloro-2-butene
Concen: 21.264 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

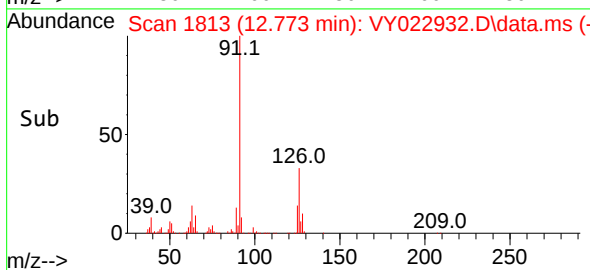
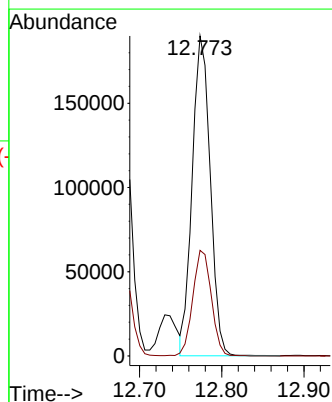
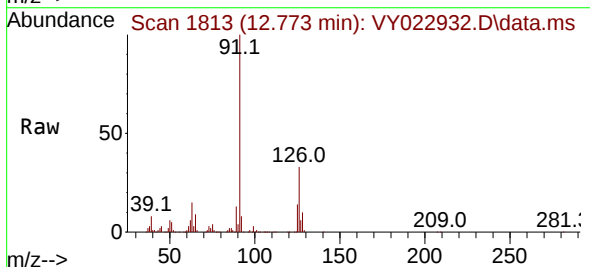
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

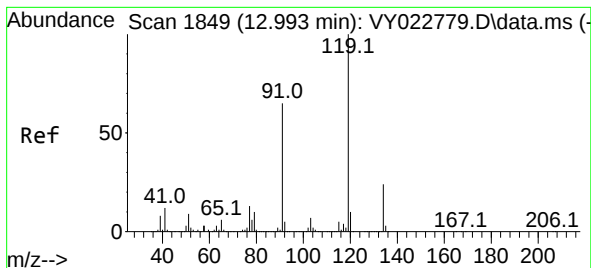
Tgt Ion: 75 Resp: 22246
Ion Ratio Lower Upper
75 100
53 99.4 78.5 117.7
89 44.7 35.7 53.5



#82
4-Chlorotoluene
Concen: 21.040 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022932.D
Acq: 03 Jul 2025 10:52

Tgt Ion: 91 Resp: 288633
Ion Ratio Lower Upper
91 100
126 34.0 17.0 50.9





#83

tert-Butylbenzene

Concen: 22.022 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBSD01

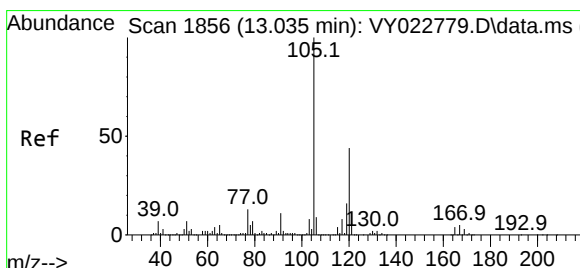
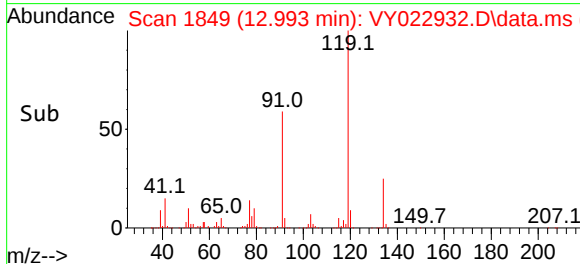
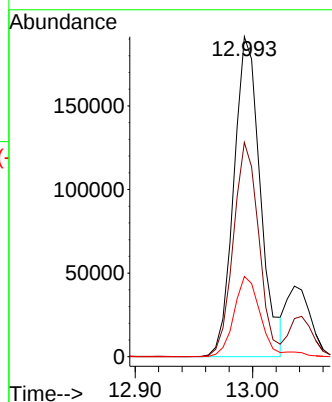
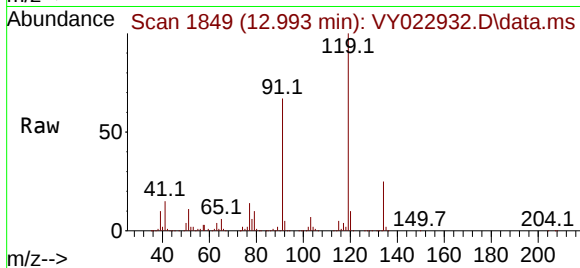
Tgt Ion:119 Resp: 300178

Ion Ratio Lower Upper

119 100

91 64.5 32.1 96.3

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.476 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022932.D

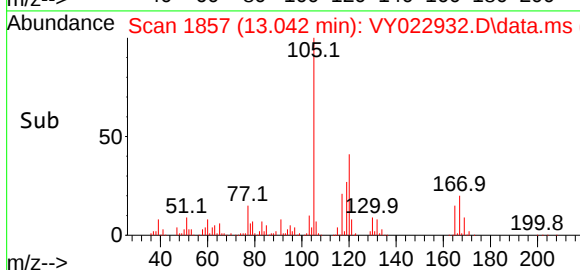
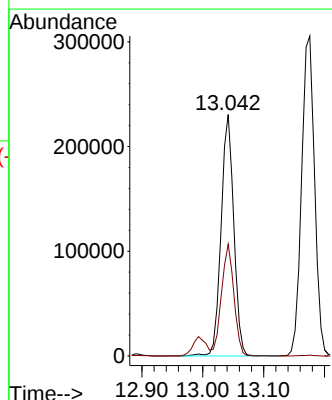
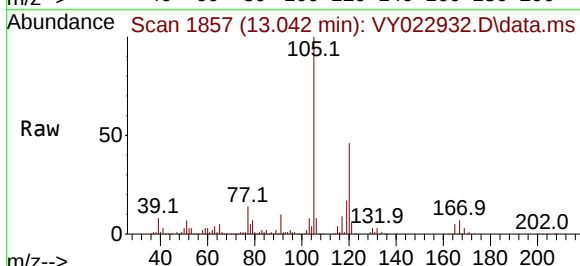
Acq: 03 Jul 2025 10:52

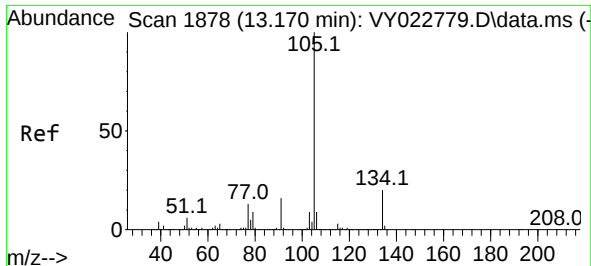
Tgt Ion:105 Resp: 332334

Ion Ratio Lower Upper

105 100

120 45.5 22.7 68.1

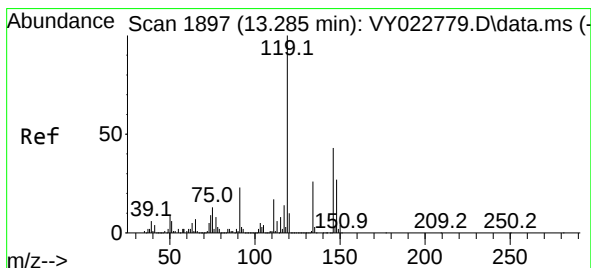
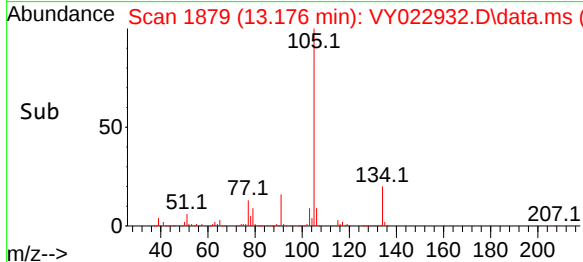
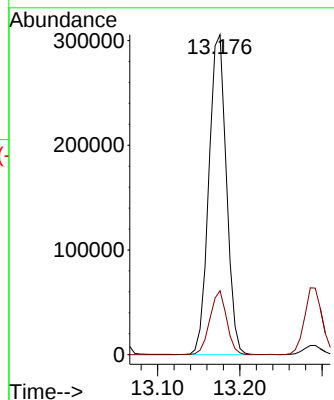
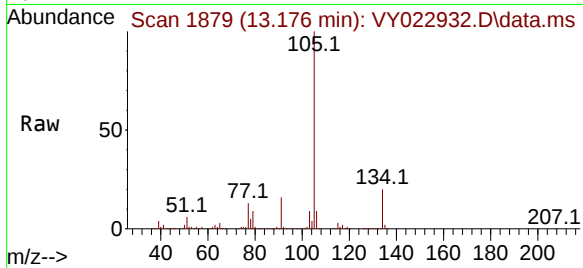




#85
 sec-Butylbenzene
 Concen: 22.037 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VY022932.D
 Acq: 03 Jul 2025 10:52

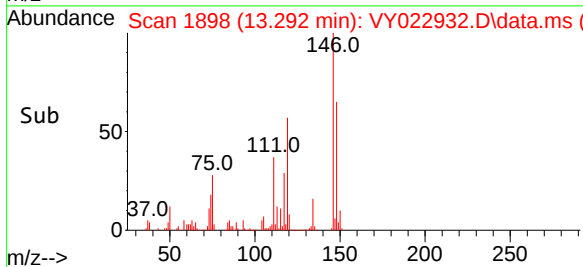
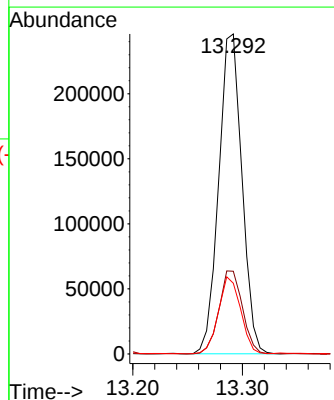
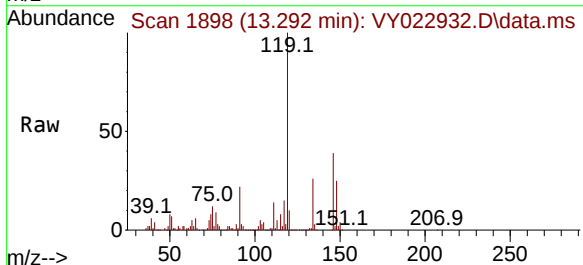
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBSD01

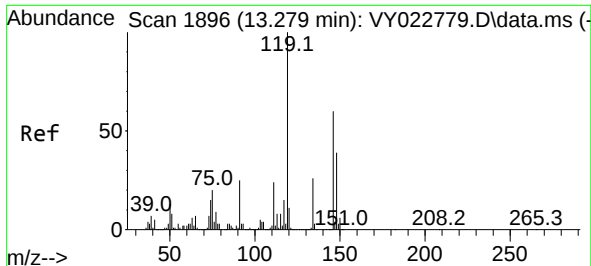
Tgt Ion:105 Resp: 451959
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 21.198 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022932.D
 Acq: 03 Jul 2025 10:52

Tgt Ion:119 Resp: 361791
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 23.0 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.887 ug/l

RT: 13.286 min Scan# 1896

Delta R.T. -0.006 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

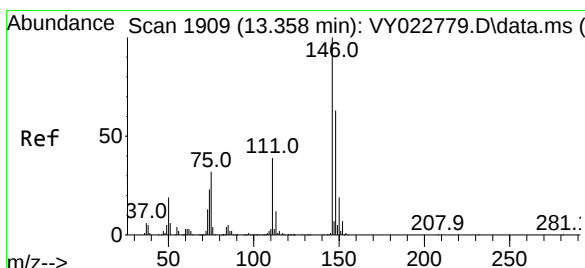
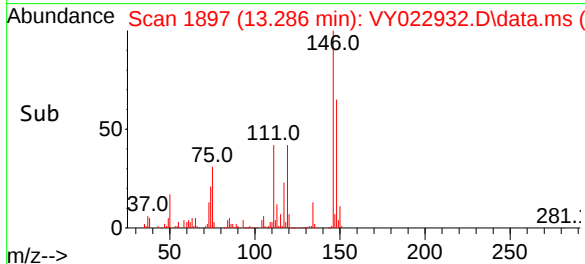
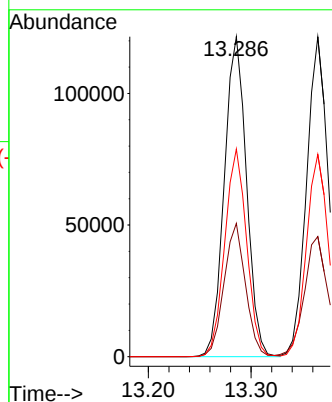
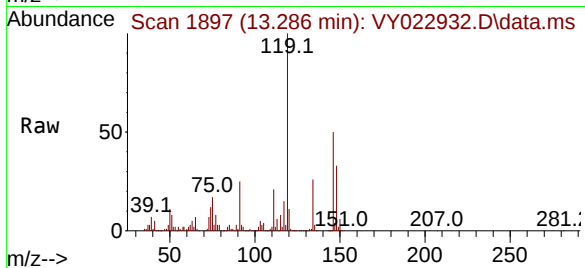
Tgt Ion:146 Resp: 182047

Ion Ratio Lower Upper

146 100

111 40.5 20.1 60.2

148 64.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.704 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

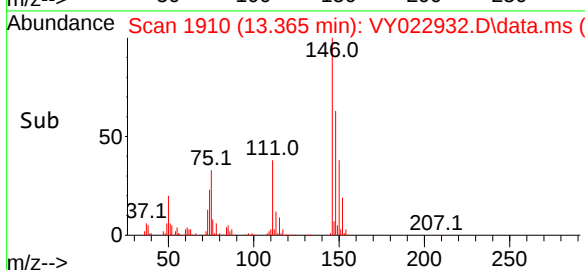
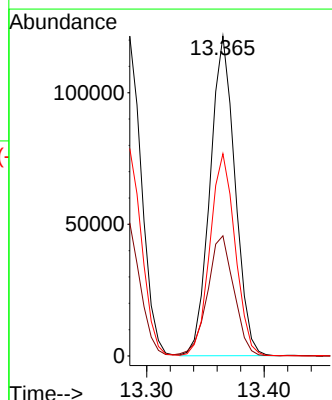
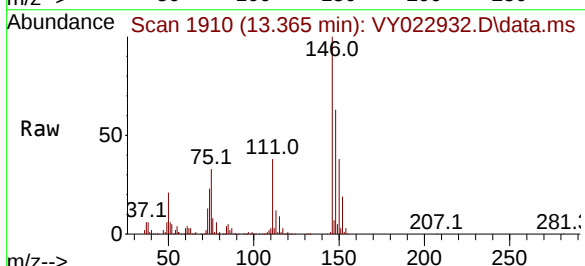
Tgt Ion:146 Resp: 179256

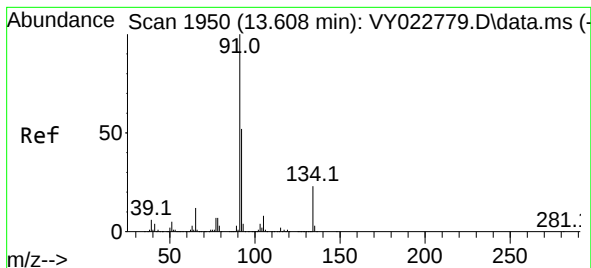
Ion Ratio Lower Upper

146 100

111 39.9 19.4 58.2

148 64.1 31.6 94.8





#89

n-Butylbenzene

Concen: 21.491 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

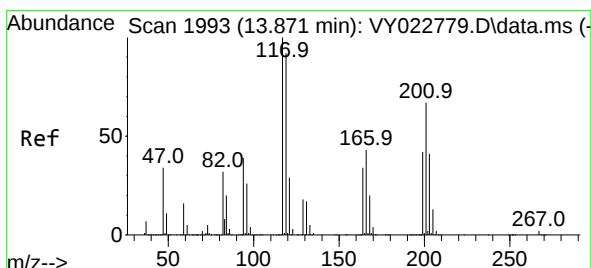
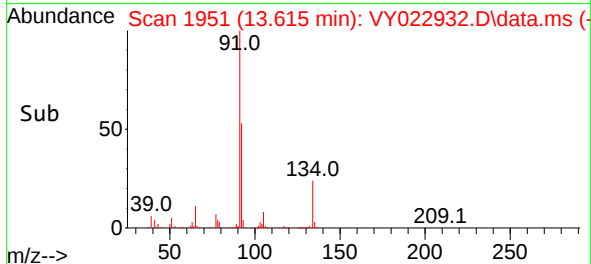
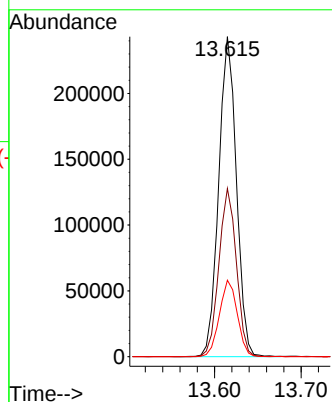
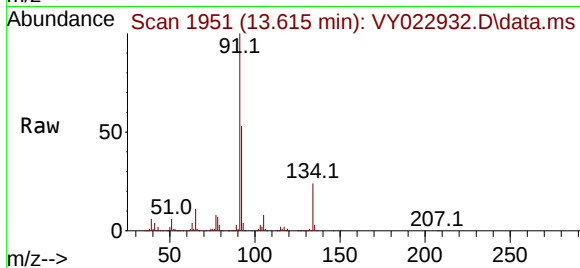
Tgt Ion: 91 Resp: 345010

Ion Ratio Lower Upper

91 100

92 52.1 25.9 77.8

134 24.2 12.0 36.1



#90

Hexachloroethane

Concen: 22.388 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022932.D

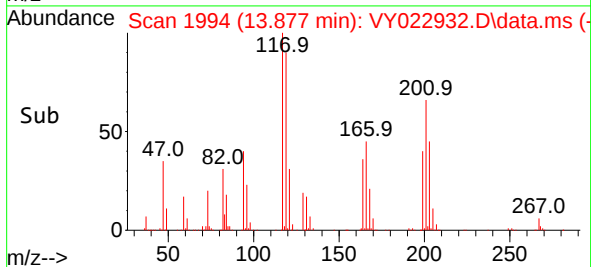
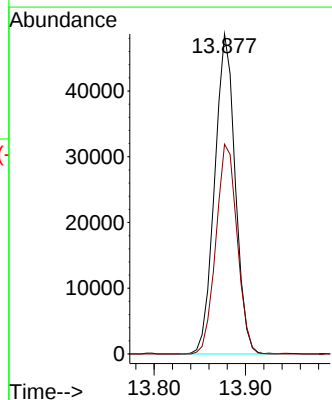
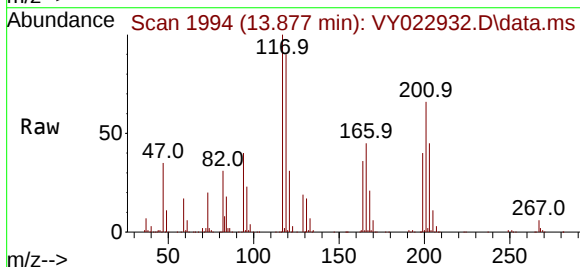
Acq: 03 Jul 2025 10:52

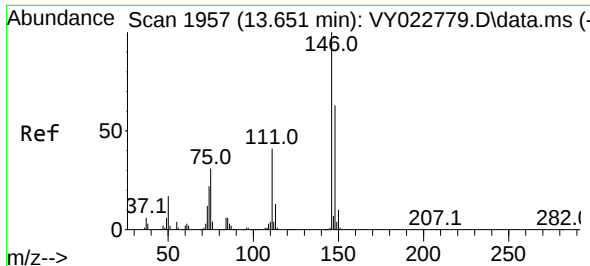
Tgt Ion: 117 Resp: 76103

Ion Ratio Lower Upper

117 100

201 67.9 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 20.343 ug/l

RT: 13.657 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBSD01

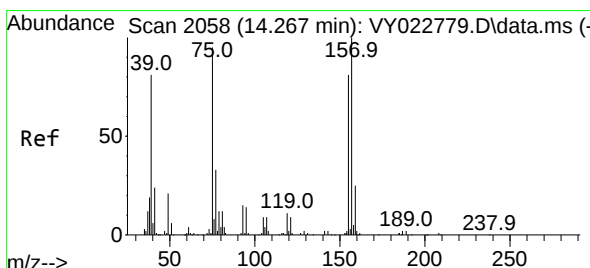
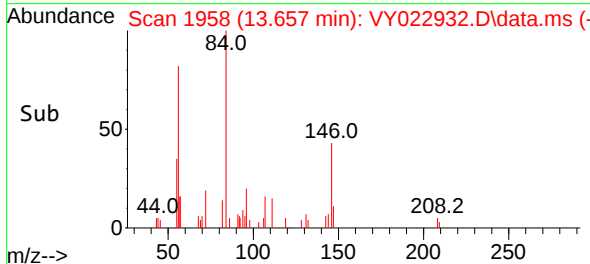
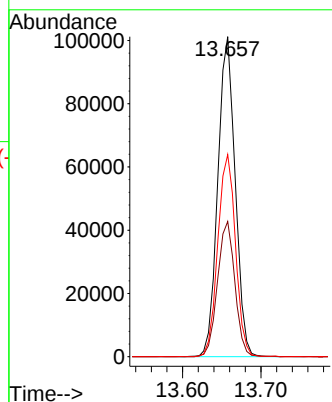
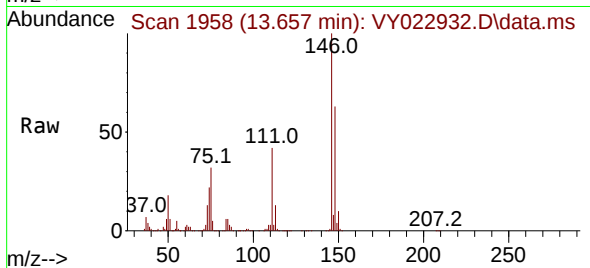
Tgt Ion:146 Resp: 156252

Ion Ratio Lower Upper

146 100

111 42.2 20.2 60.6

148 64.3 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.367 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

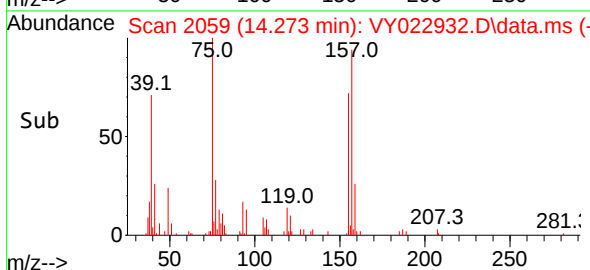
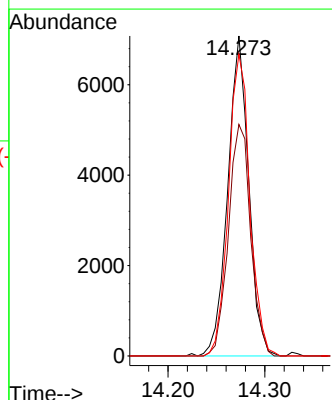
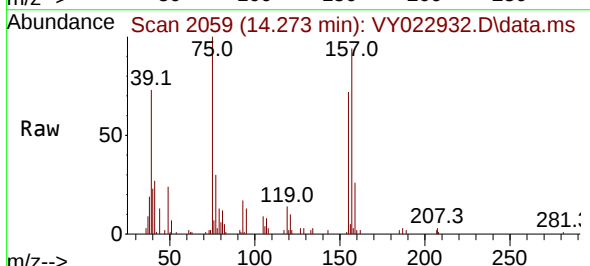
Tgt Ion: 75 Resp: 10658

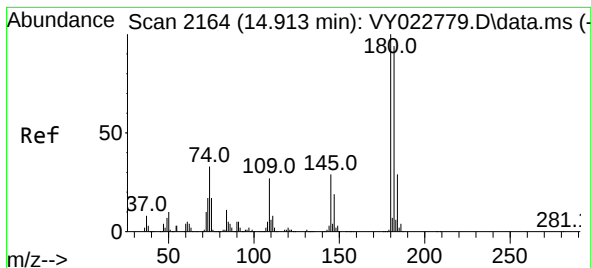
Ion Ratio Lower Upper

75 100

155 76.7 39.9 119.6

157 96.2 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 19.287 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBSD01

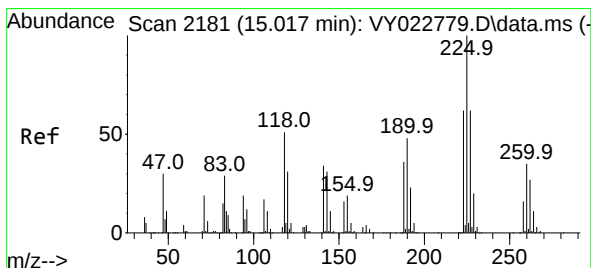
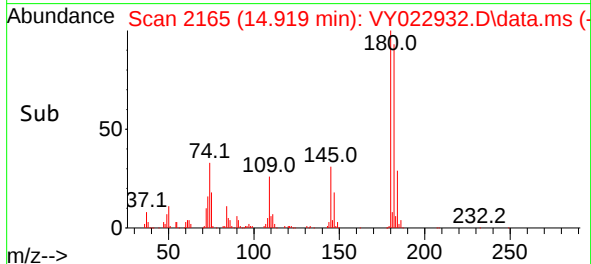
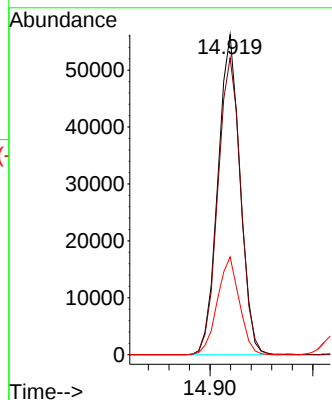
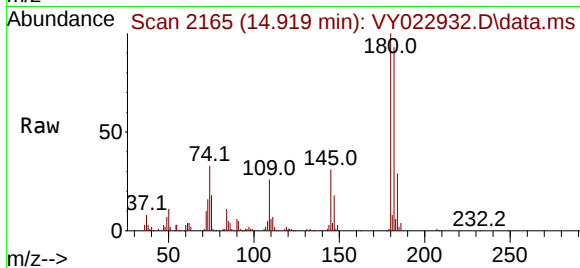
Tgt Ion:180 Resp: 83643

Ion Ratio Lower Upper

180 100

182 96.1 48.4 145.3

145 30.5 15.5 46.5



#94

Hexachlorobutadiene

Concen: 20.371 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

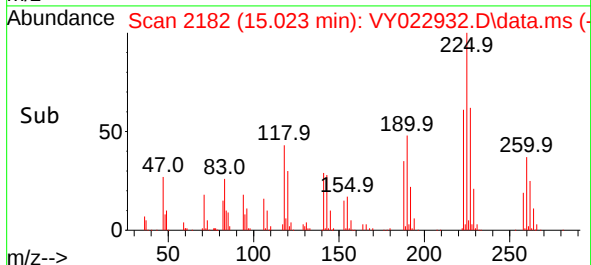
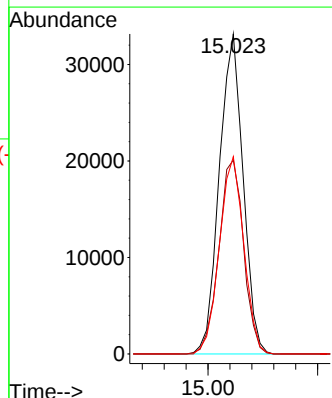
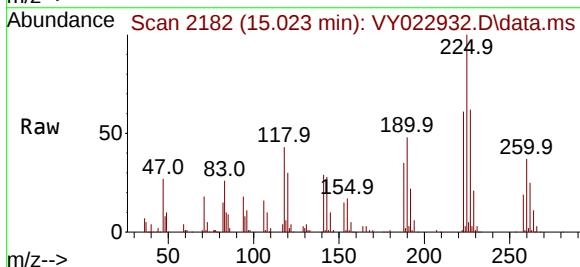
Tgt Ion:225 Resp: 49956

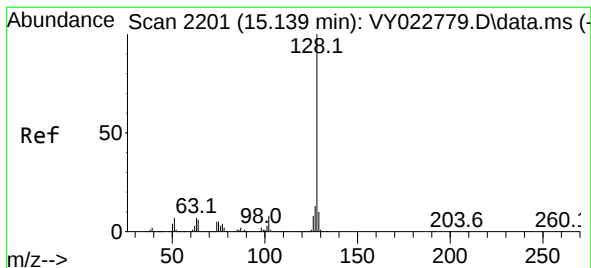
Ion Ratio Lower Upper

225 100

223 63.2 32.5 97.4

227 63.2 32.3 96.9





#95

Naphthalene

Concen: 17.722 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBSD01

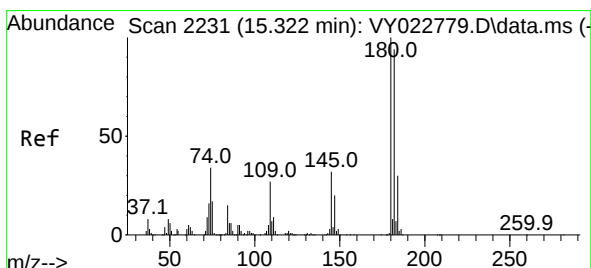
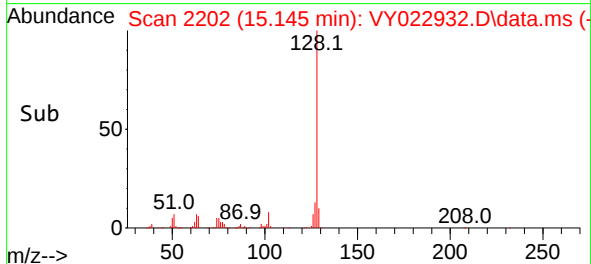
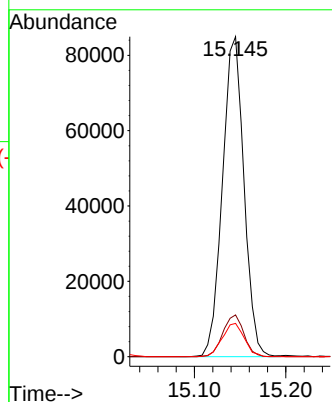
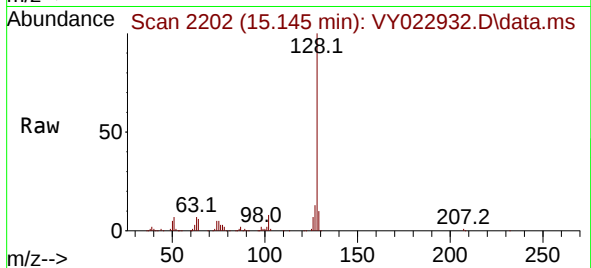
Tgt Ion:128 Resp: 138984

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.911 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022932.D

Acq: 03 Jul 2025 10:52

Tgt Ion:180 Resp: 70866

Ion Ratio Lower Upper

180 100

182 94.3 47.1 141.3

145 31.9 15.2 45.6

