

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061625\
 Data File : VY022697.D
 Acq On : 16 Jun 2025 10:12
 Operator : SY/MD
 Sample : VY0616SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Quant Time: Jun 17 05:50:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	158575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	274493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	229894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	109254	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	92304	52.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.080%	
35) Dibromofluoromethane	7.634	113	84256	51.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.860%	
50) Toluene-d8	10.109	98	335707	50.710	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.420%	
62) 4-Bromofluorobenzene	12.408	95	97799	49.582	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	30929	21.785	ug/l	97
3) Chloromethane	2.068	50	81063	19.327	ug/l	99
4) Vinyl Chloride	2.208	62	106967	21.984	ug/l	98
5) Bromomethane	2.592	94	106224	22.778	ug/l	98
6) Chloroethane	2.733	64	77642	23.248	ug/l	96
7) Trichlorofluoromethane	3.050	101	96027	23.248	ug/l	99
8) Diethyl Ether	3.452	74	20424	21.956	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	39178	22.520	ug/l	98
10) Methyl Iodide	4.007	142	35299	18.750	ug/l	98
11) Tert butyl alcohol	4.879	59	13305	105.033	ug/l #	92
12) 1,1-Dichloroethene	3.793	96	36931	22.209	ug/l	95
13) Acrolein	3.653	56	11018	69.792	ug/l	95
14) Allyl chloride	4.385	41	53849	20.627	ug/l	97
15) Acrylonitrile	5.061	53	43625	110.734	ug/l	98
16) Acetone	3.873	43	50848	141.171	ug/l	96
17) Carbon Disulfide	4.104	76	109042	20.482	ug/l	99
18) Methyl Acetate	4.391	43	21734	20.377	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	99131	21.165	ug/l	98
20) Methylene Chloride	4.610	84	48762	23.833	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	41044	22.053	ug/l	92
22) Diisopropyl ether	6.019	45	126069	21.695	ug/l	97
23) Vinyl Acetate	5.964	43	360740	104.888	ug/l	99
24) 1,1-Dichloroethane	5.921	63	76065	22.220	ug/l	100
25) 2-Butanone	6.896	43	64118	123.411	ug/l	100
26) 2,2-Dichloropropane	6.890	77	66458	21.972	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	46410	21.574	ug/l	96
28) Bromochloromethane	7.250	49	32989	22.107	ug/l	97
29) Tetrahydrofuran	7.262	42	35539	106.057	ug/l	98
30) Chloroform	7.427	83	76803	22.651	ug/l	91
31) Cyclohexane	7.707	56	68711	20.161	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	68356	22.710	ug/l	99
36) 1,1-Dichloropropene	7.841	75	56212	21.139	ug/l	99
37) Ethyl Acetate	6.988	43	25836	21.787	ug/l	98
38) Carbon Tetrachloride	7.817	117	57413	21.047	ug/l	98
39) Methylcyclohexane	9.110	83	70362	19.690	ug/l	99
40) Benzene	8.079	78	169830	21.624	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	11287	16.295	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	46696	21.775	ug/l	97
43) Isopropyl Acetate	8.201	43	51938	20.280	ug/l	98
44) Trichloroethene	8.866	130	41267	21.498	ug/l	97
45) 1,2-Dichloropropane	9.140	63	40369	21.749	ug/l	95
46) Dibromomethane	9.231	93	22198	21.257	ug/l	98
47) Bromodichloromethane	9.427	83	58700	22.169	ug/l	98
48) Methyl methacrylate	9.225	41	25045	20.836	ug/l	98
49) 1,4-Dioxane	9.231	88	5331	430.920	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	132045	103.413	ug/l	99
52) Toluene	10.170	92	104048	21.081	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	52106	21.003	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	59697	20.671	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	29305	22.008	ug/l	89
56) Ethyl methacrylate	10.439	69	37977	19.733	ug/l	99
57) 1,3-Dichloropropane	10.719	76	50278	21.304	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	93823	107.377	ug/l	99
59) 2-Hexanone	10.762	43	92278	108.059	ug/l	100
60) Dibromochloromethane	10.914	129	35744	21.123	ug/l	98
61) 1,2-Dibromoethane	11.018	107	26650	21.959	ug/l	95
64) Tetrachloroethene	10.646	164	48016	24.280	ug/l	98
65) Chlorobenzene	11.444	112	110633	21.747	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	35445	20.683	ug/l	98
67) Ethyl Benzene	11.518	91	195335	20.702	ug/l	99
68) m/p-Xylenes	11.627	106	147231	41.160	ug/l	98
69) o-Xylene	11.957	106	69044	20.588	ug/l	100
70) Styrene	11.969	104	113714	20.513	ug/l	99
71) Bromoform	12.133	173	19012	20.847	ug/l #	98
73) Isopropylbenzene	12.255	105	182723	20.371	ug/l	100
74) N-amyl acetate	12.072	43	43824	19.363	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	28808	19.569	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	43995	35.199	ug/l #	100
77) Bromobenzene	12.536	156	39023	20.616	ug/l	98
78) n-propylbenzene	12.597	91	221750	20.241	ug/l	99
79) 2-Chlorotoluene	12.682	91	119393	20.562	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	144419	20.508	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	10097	19.508	ug/l	98
82) 4-Chlorotoluene	12.780	91	120666	20.145	ug/l	98
83) tert-Butylbenzene	12.999	119	128051	20.260	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	143246	20.338	ug/l	100
85) sec-Butylbenzene	13.176	105	196393	20.289	ug/l	100
86) p-Isopropyltoluene	13.292	119	157938	19.794	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	79159	20.641	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	78000	20.970	ug/l	99
89) n-Butylbenzene	13.615	91	152139	20.097	ug/l	100
90) Hexachloroethane	13.877	117	32367	20.837	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	66633	20.464	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4817	22.474	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	37234	20.967	ug/l	96
94) Hexachlorobutadiene	15.023	225	20911	21.334	ug/l	98
95) Naphthalene	15.145	128	68059	19.971	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	32973	21.665	ug/l	98

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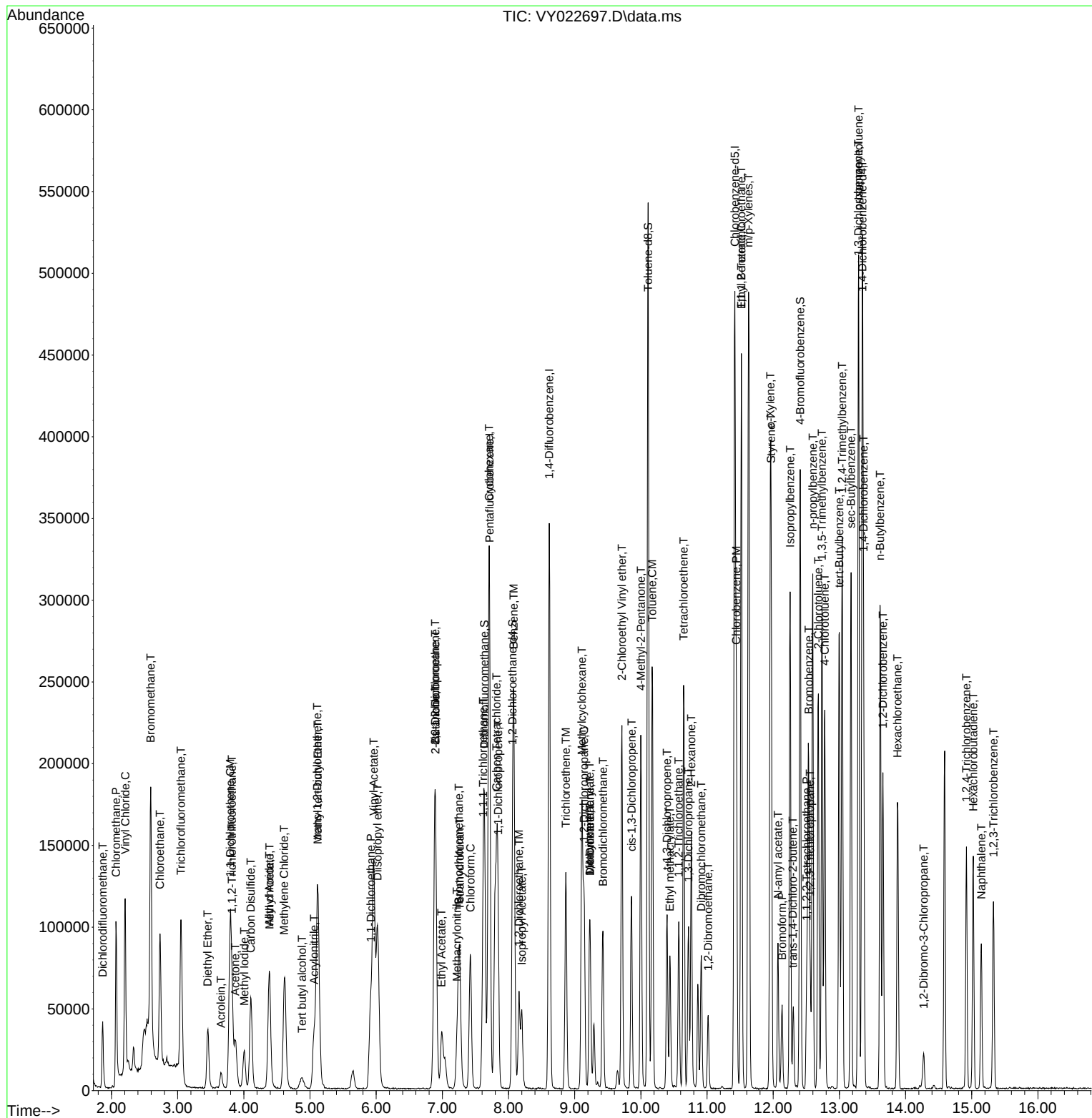
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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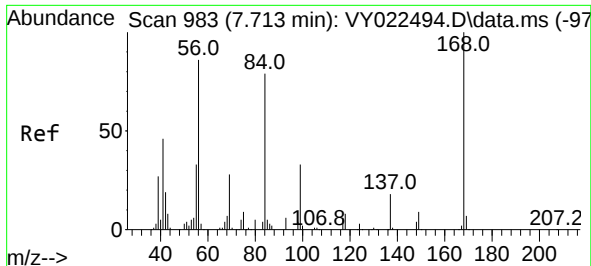
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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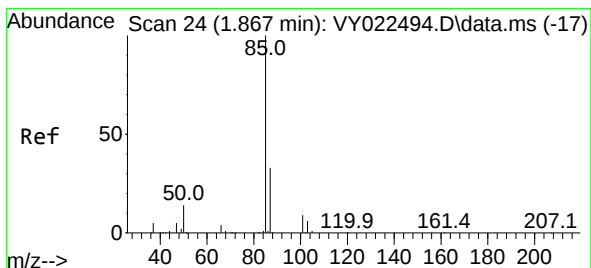
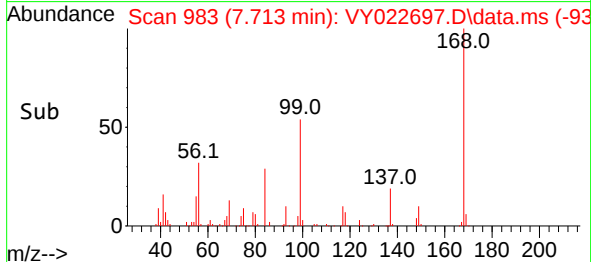
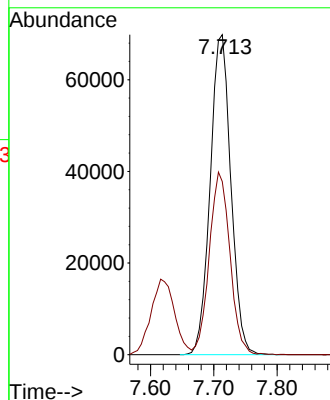
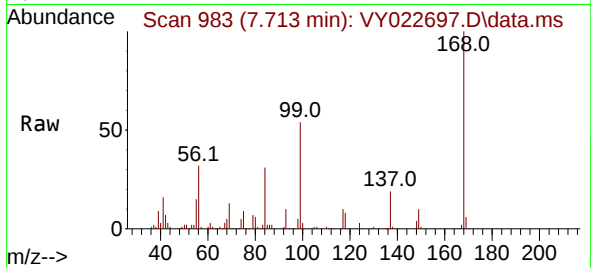




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022697.D
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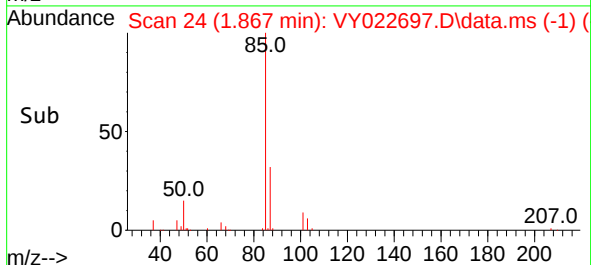
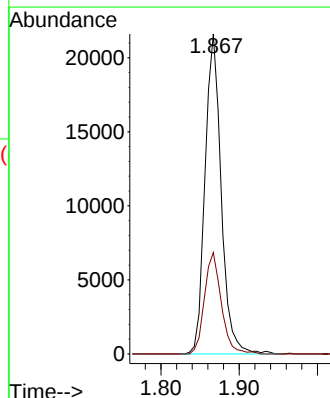
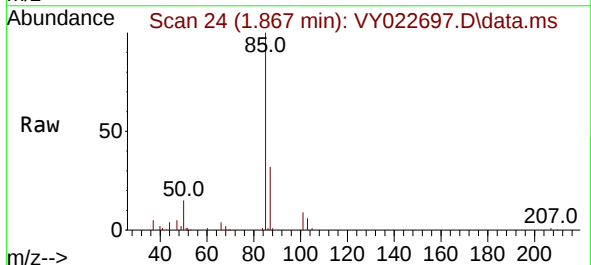
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion:168 Resp: 158575
Ion Ratio Lower Upper
168 100
99 54.0 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 21.785 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 85 Resp: 30929
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.0

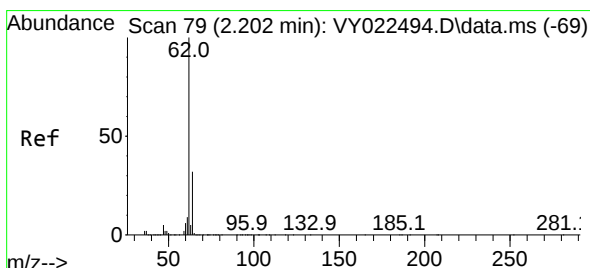
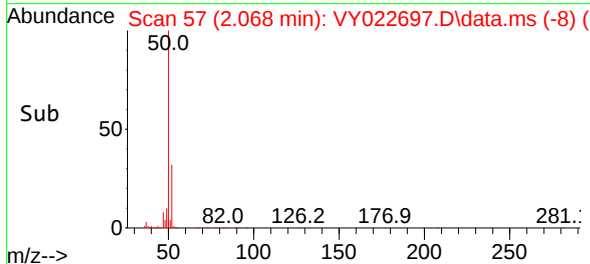
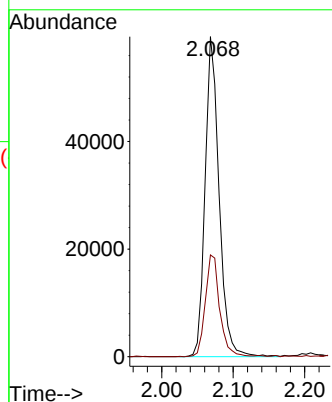
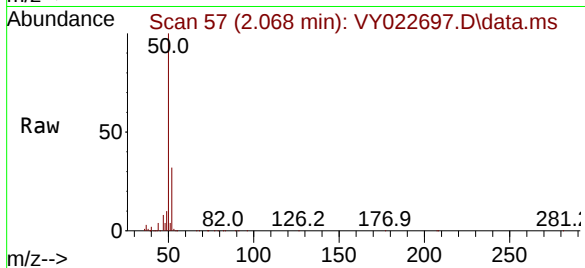




#3
Chloromethane
Concen: 19.327 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

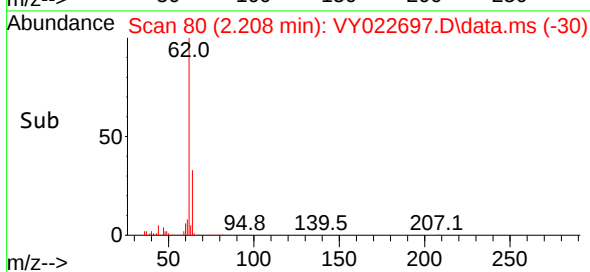
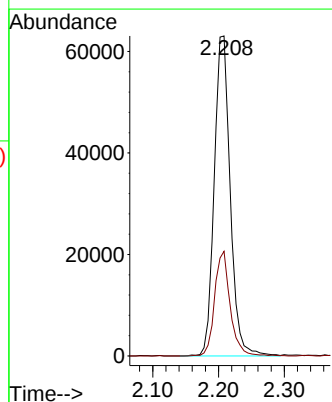
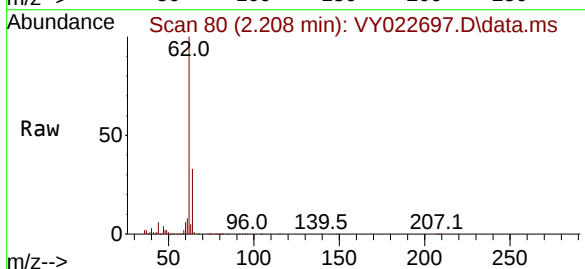
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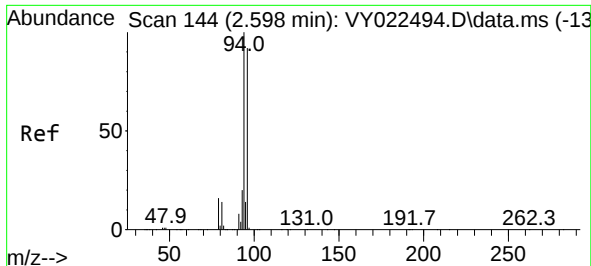
Tgt Ion: 50 Resp: 81063
Ion Ratio Lower Upper
50 100
52 31.8 26.0 39.0



#4
Vinyl Chloride
Concen: 21.984 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 62 Resp: 106967
Ion Ratio Lower Upper
62 100
64 32.7 25.3 37.9

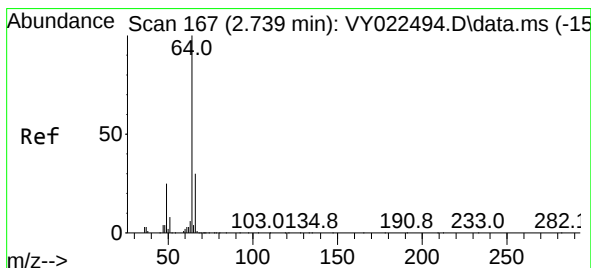
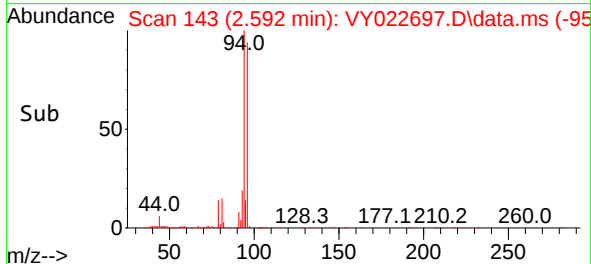
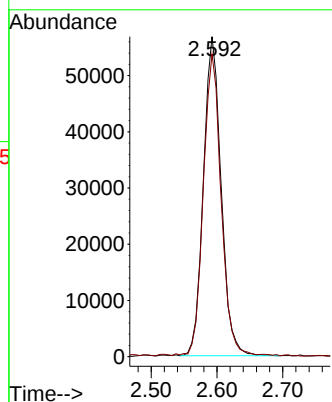
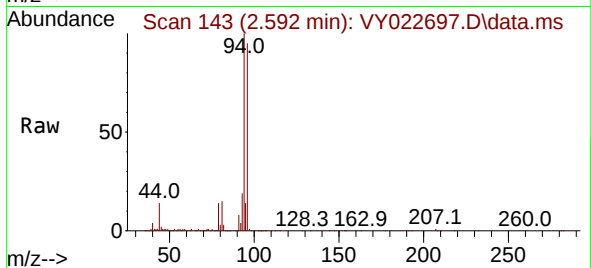




#5
Bromomethane
Concen: 22.778 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

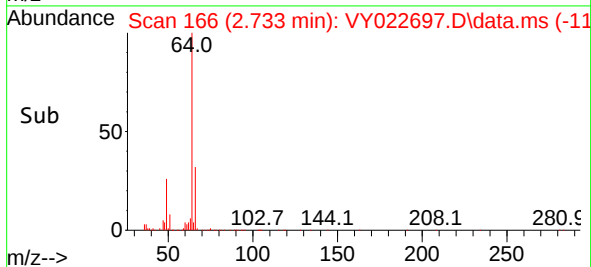
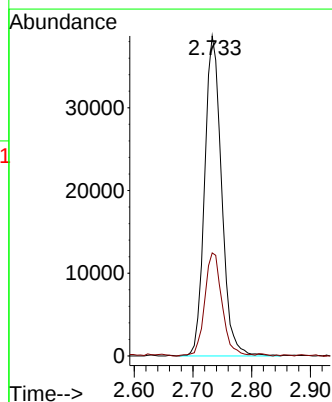
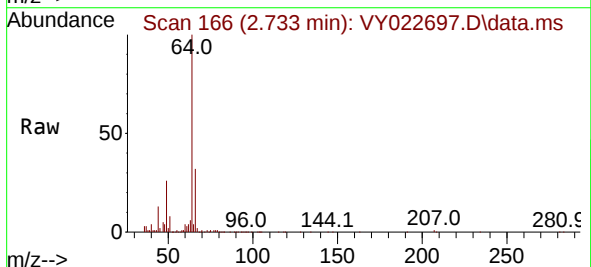
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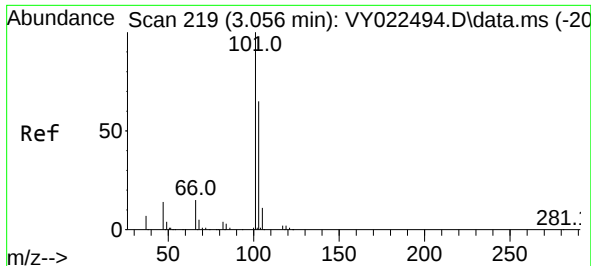
Tgt Ion: 94 Resp: 106224
Ion Ratio Lower Upper
94 100
96 94.6 74.0 111.0



#6
Chloroethane
Concen: 23.248 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022697.D
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Tgt Ion: 64 Resp: 77642
Ion Ratio Lower Upper
64 100
66 32.1 23.8 35.6

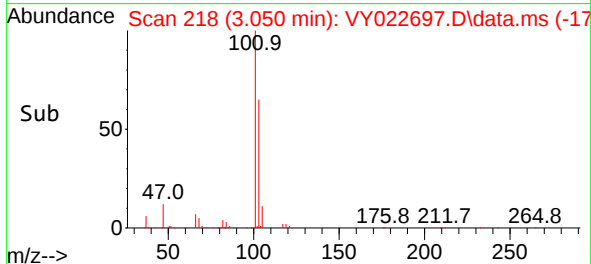
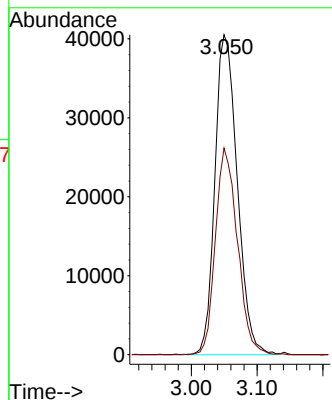
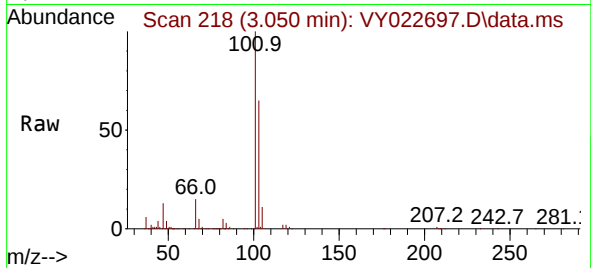




#7
Trichlorofluoromethane
Concen: 23.248 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

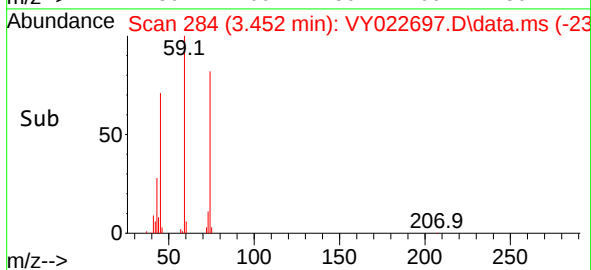
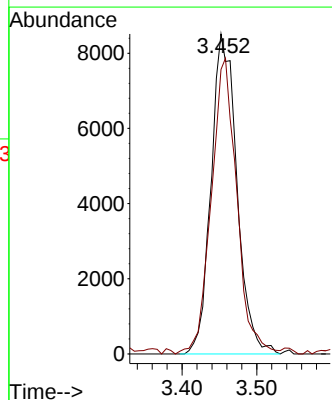
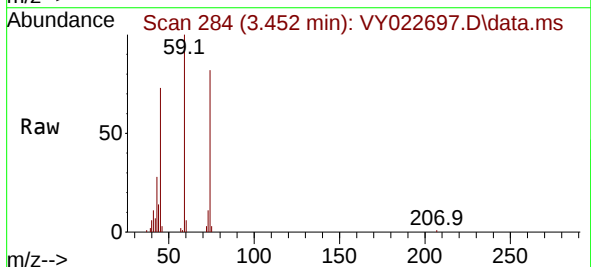
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion:101 Resp: 96027
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.2



#8
Diethyl Ether
Concen: 21.956 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 74 Resp: 20424
Ion Ratio Lower Upper
74 100
45 91.2 45.9 137.6

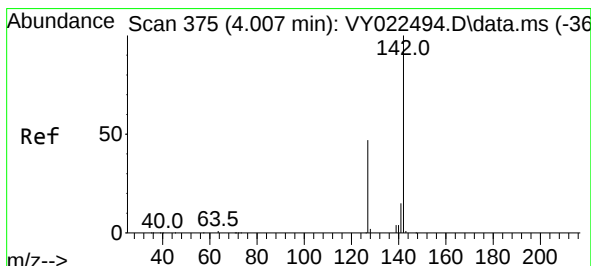
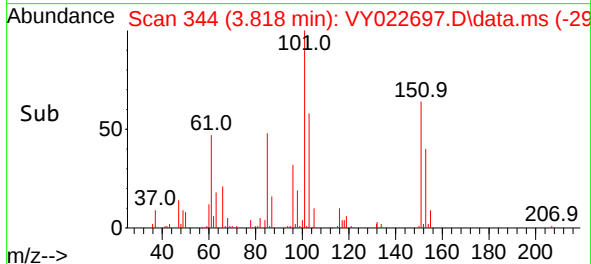
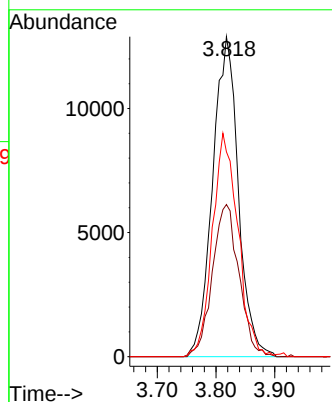
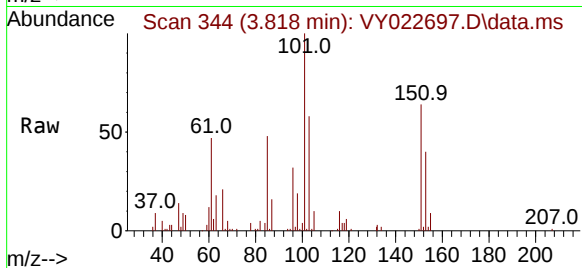




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.520 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY022697.D
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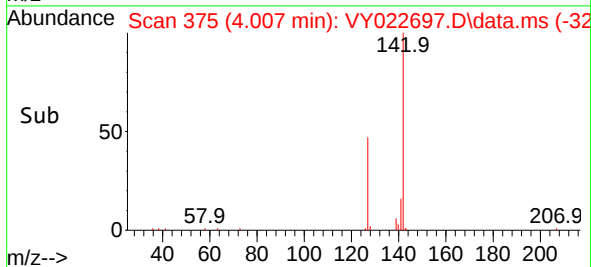
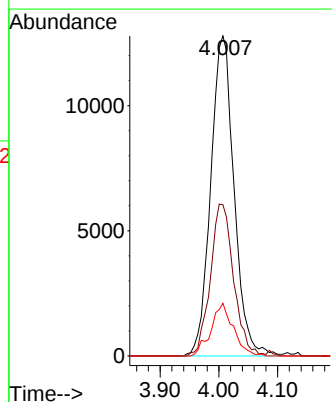
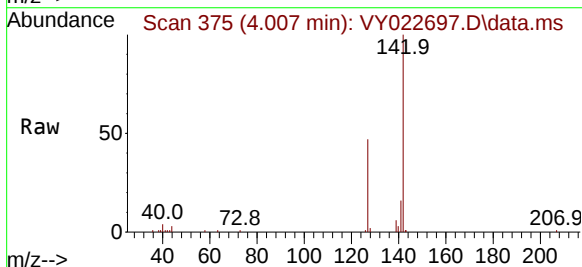
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

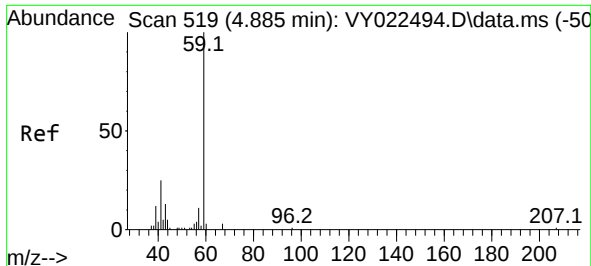
Tgt Ion:101 Resp: 39178
Ion Ratio Lower Upper
101 100
85 49.2 39.3 58.9
151 69.5 57.8 86.8



#10
Methyl Iodide
Concen: 18.750 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion:142 Resp: 35299
Ion Ratio Lower Upper
142 100
127 47.1 37.1 55.7
141 15.8 11.4 17.2

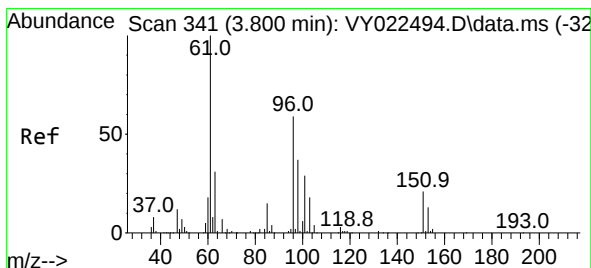
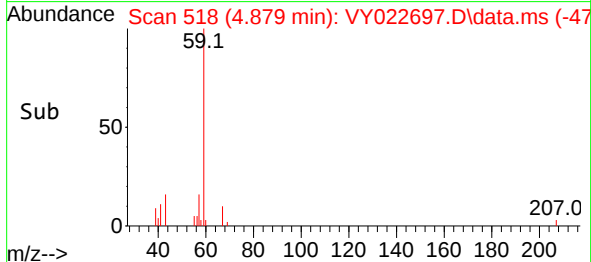
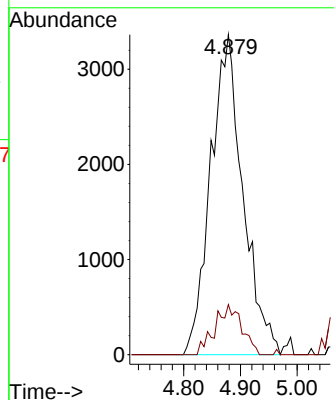
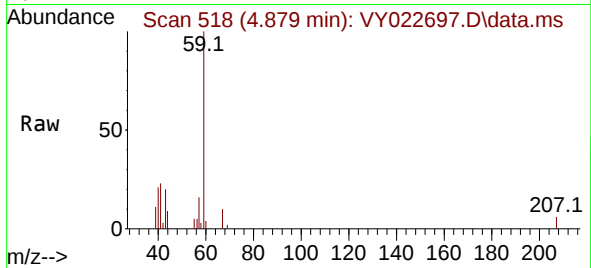




#11
Tert butyl alcohol
Concen: 105.033 ug/l
RT: 4.879 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

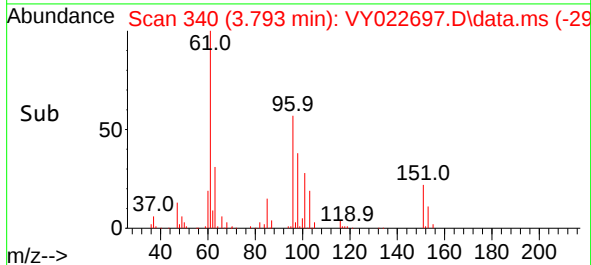
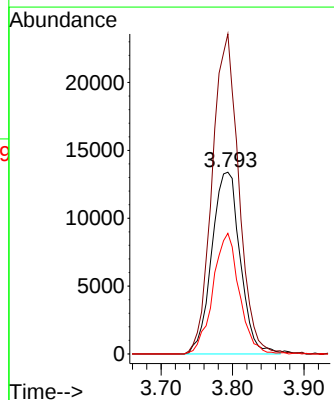
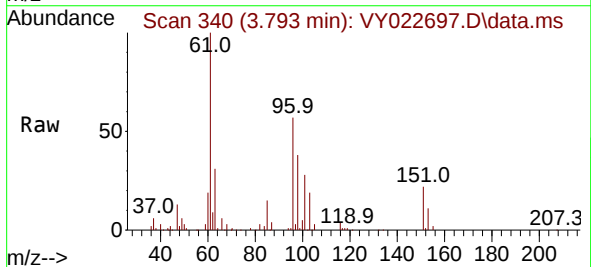
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

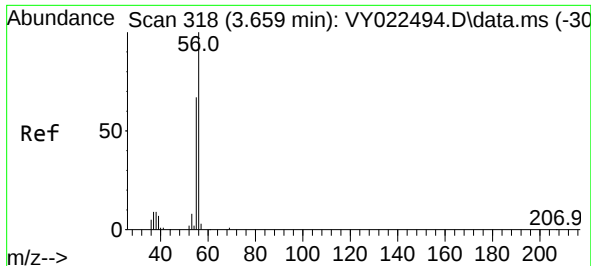
Tgt Ion: 59 Resp: 13305
Ion Ratio Lower Upper
59 100
57 12.9 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 22.209 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 96 Resp: 36931
Ion Ratio Lower Upper
96 100
61 176.1 134.6 201.8
98 66.4 50.2 75.4





#13

Acrolein

Concen: 69.792 ug/l

RT: 3.653 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

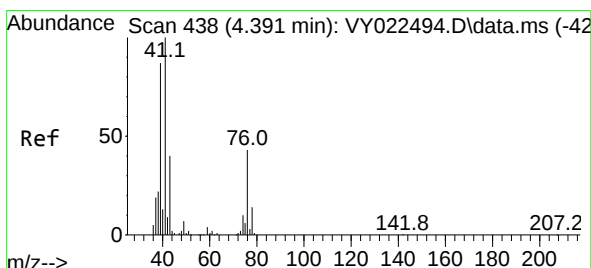
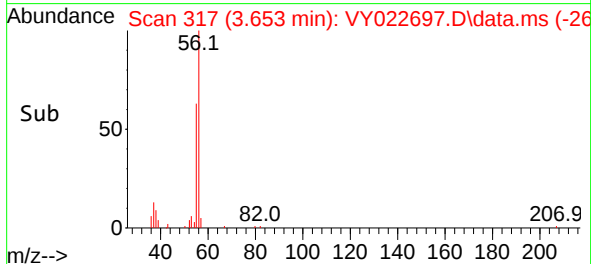
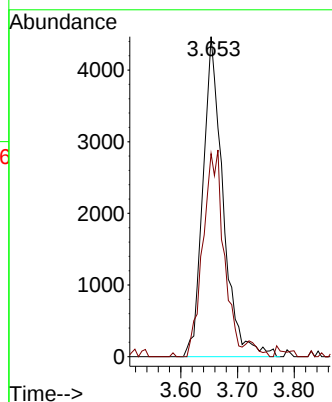
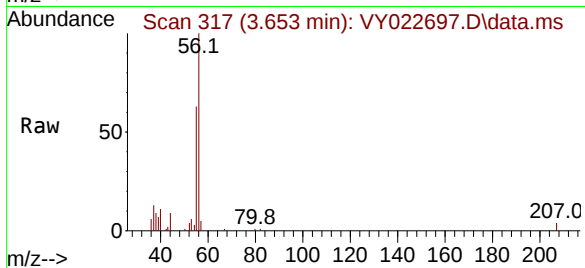
VY0616SBS01

Tgt Ion: 56 Resp: 11018

Ion Ratio Lower Upper

56 100

55 66.9 57.0 85.6



#14

Allyl chloride

Concen: 20.627 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

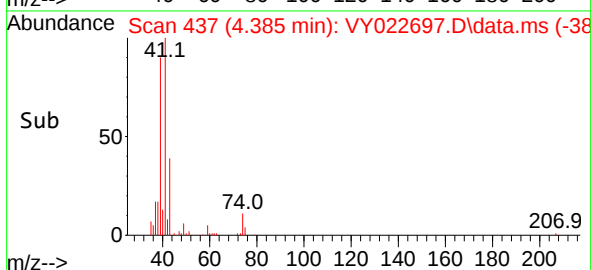
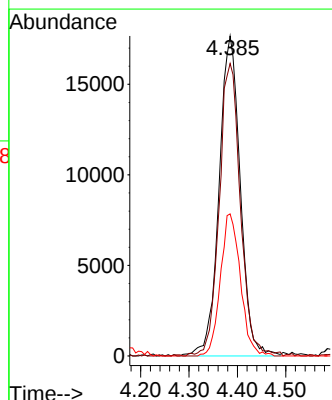
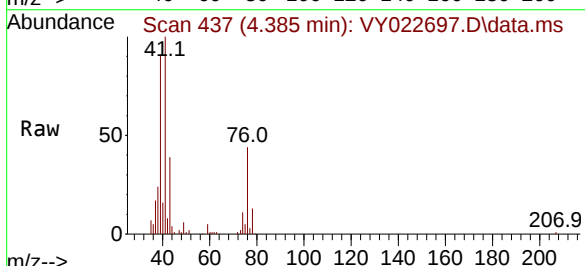
Tgt Ion: 41 Resp: 53849

Ion Ratio Lower Upper

41 100

39 91.1 69.1 103.7

76 41.9 33.5 50.3

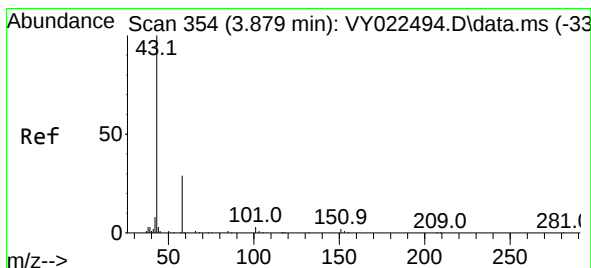
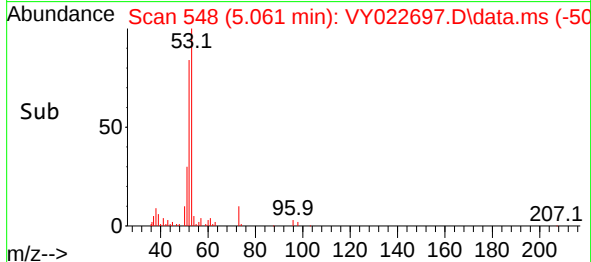
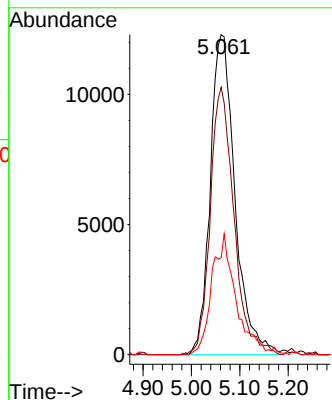
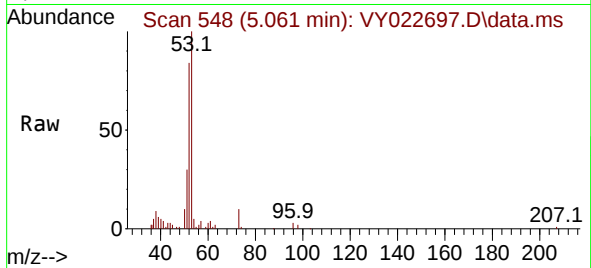




#15
Acrylonitrile
Concen: 110.734 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

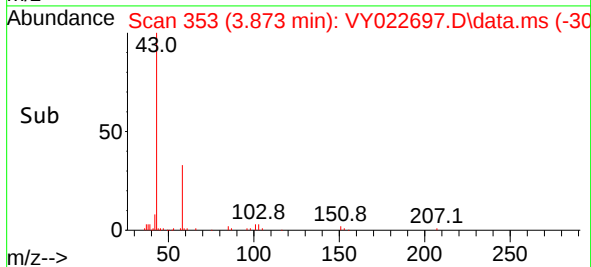
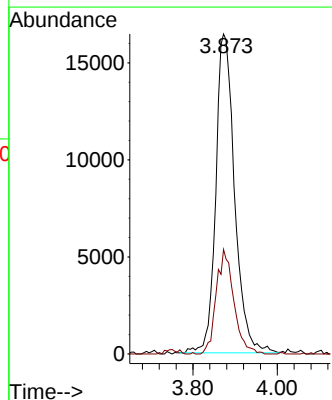
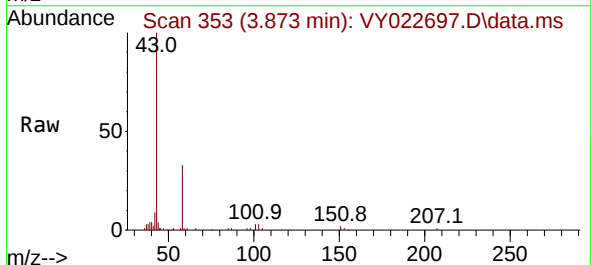
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

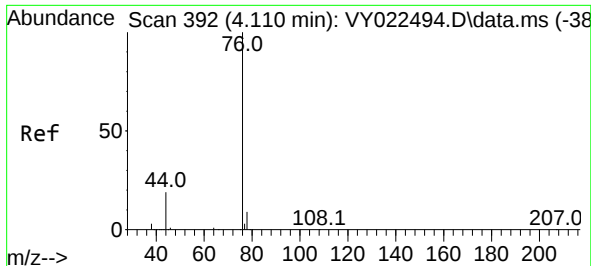
Tgt Ion: 53 Resp: 43625
Ion Ratio Lower Upper
53 100
52 80.1 65.7 98.5
51 36.7 30.1 45.1



#16
Acetone
Concen: 141.171 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 43 Resp: 50848
Ion Ratio Lower Upper
43 100
58 32.3 24.0 36.0

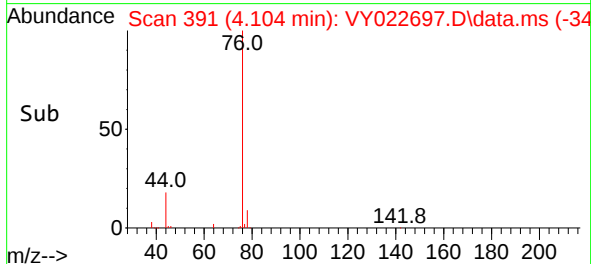
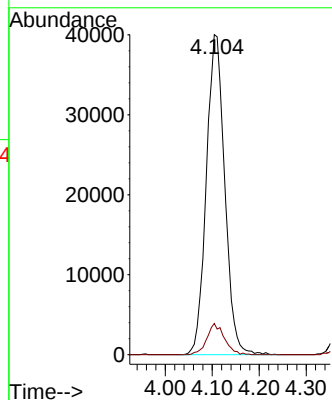
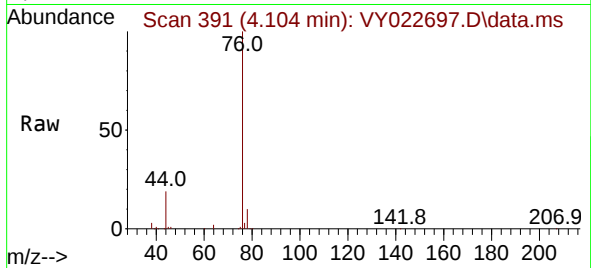




#17
Carbon Disulfide
Concen: 20.482 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

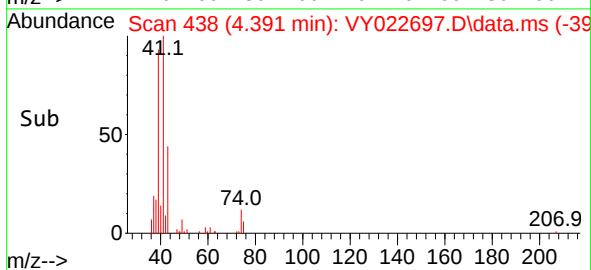
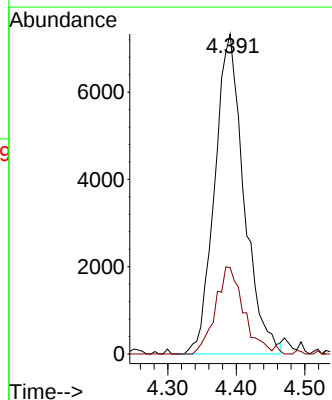
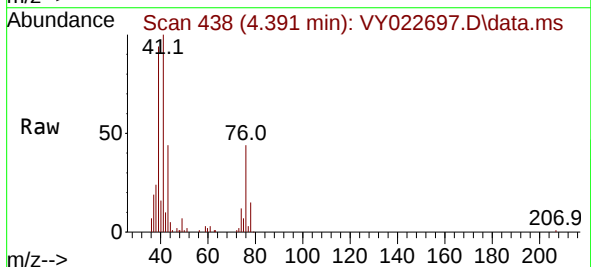
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

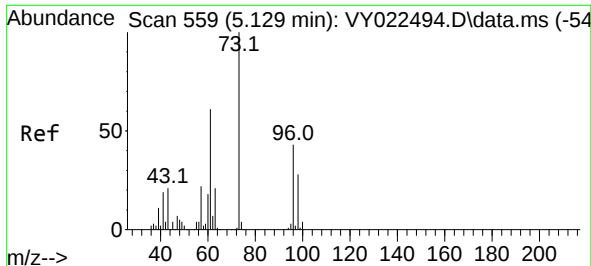
Tgt Ion: 76 Resp: 109042
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#18
Methyl Acetate
Concen: 20.377 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 43 Resp: 21734
Ion Ratio Lower Upper
43 100
74 26.5 19.8 29.6

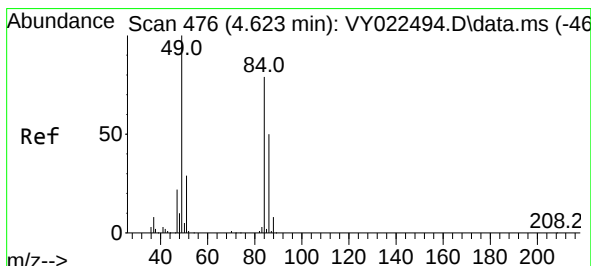
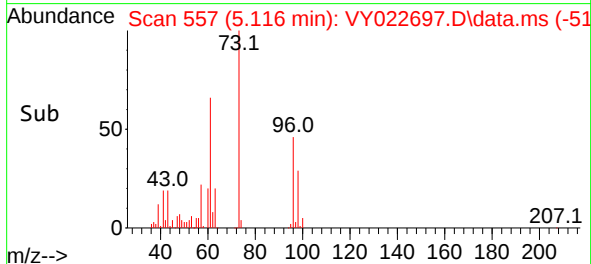
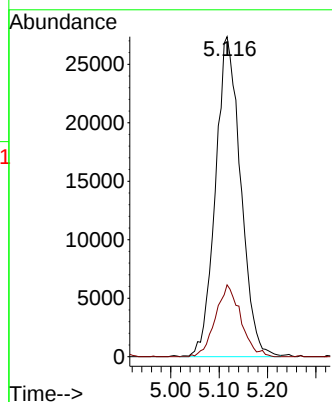
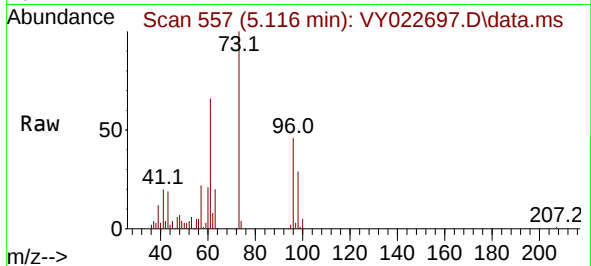




#19
Methyl tert-butyl Ether
Concen: 21.165 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

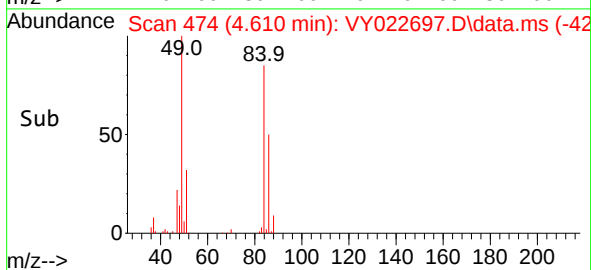
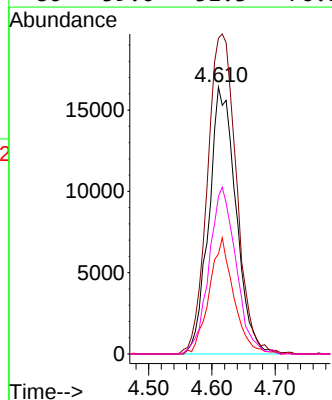
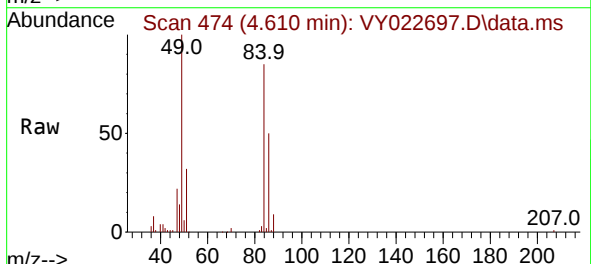
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

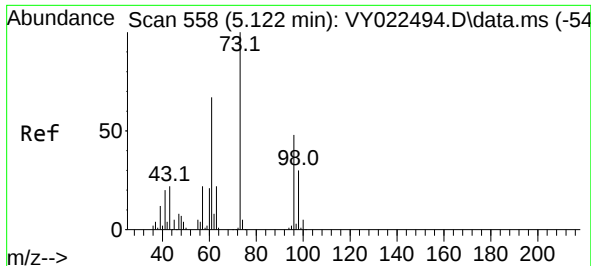
Tgt Ion: 73 Resp: 99131
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.0



#20
Methylene Chloride
Concen: 23.833 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 84 Resp: 48762
Ion Ratio Lower Upper
84 100
49 118.0 101.9 152.9
51 37.4 29.8 44.8
86 59.0 51.3 76.9

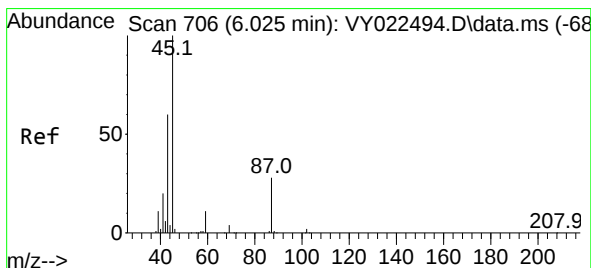
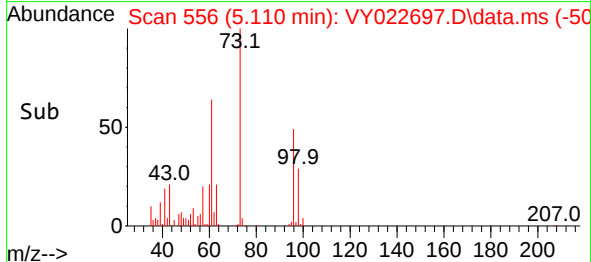
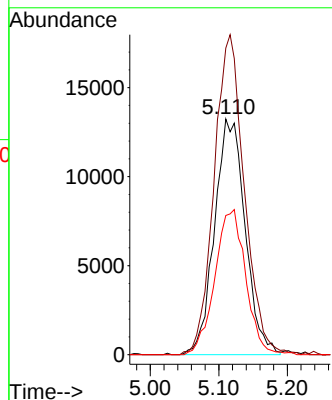
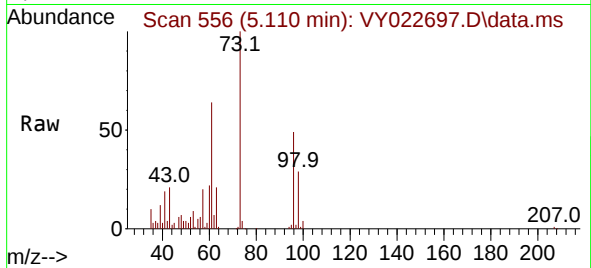




#21
trans-1,2-Dichloroethene
Concen: 22.053 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

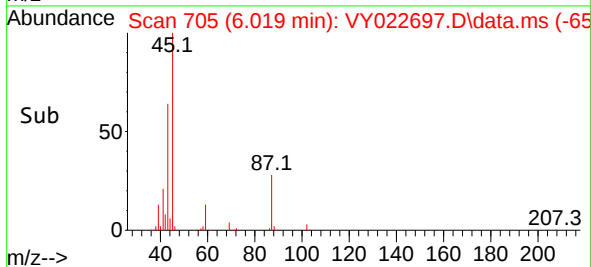
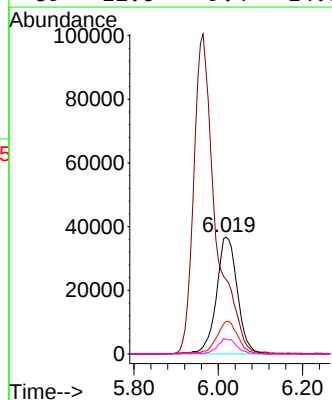
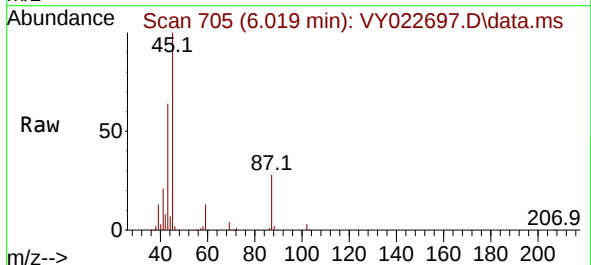
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion: 96 Resp: 41044
Ion Ratio Lower Upper
96 100
61 130.1 112.6 169.0
98 59.1 50.6 75.8



#22
Diisopropyl ether
Concen: 21.695 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 45 Resp: 126069
Ion Ratio Lower Upper
45 100
43 63.1 48.3 72.5
87 28.0 23.0 34.6
59 12.6 9.4 14.0

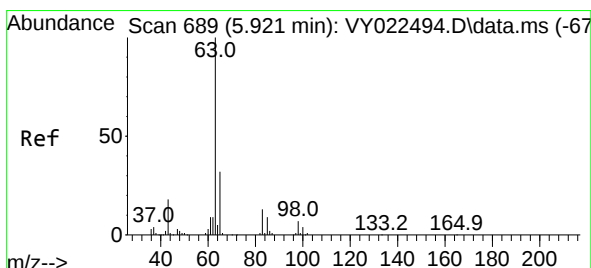
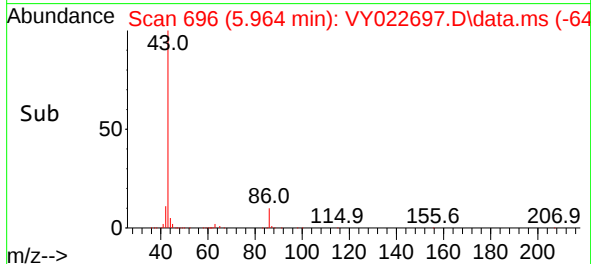
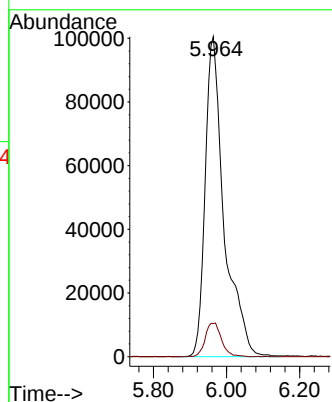
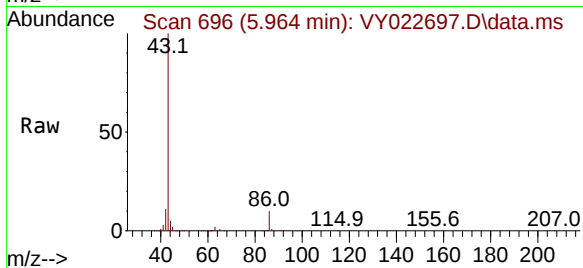




#23
 Vinyl Acetate
 Concen: 104.888 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY022697.D
 Acq: 16 Jun 2025 10:12

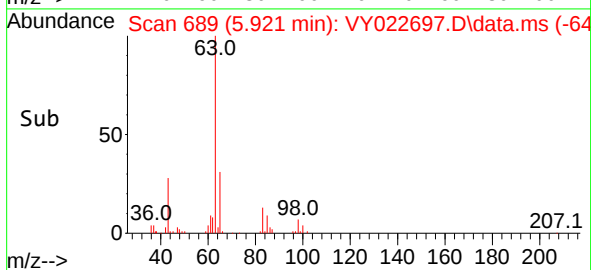
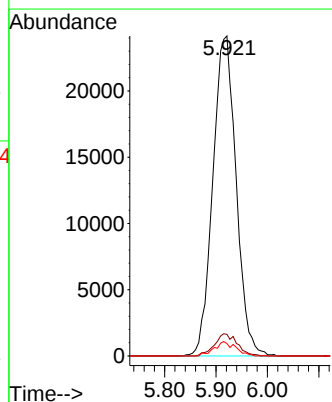
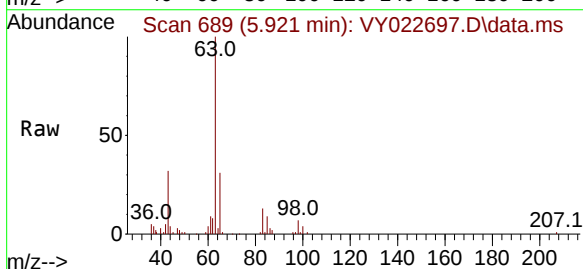
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Tgt Ion: 43 Resp: 360740
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 22.220 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY022697.D
 Acq: 16 Jun 2025 10:12

Tgt Ion: 63 Resp: 76065
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 3.9 2.1 6.3

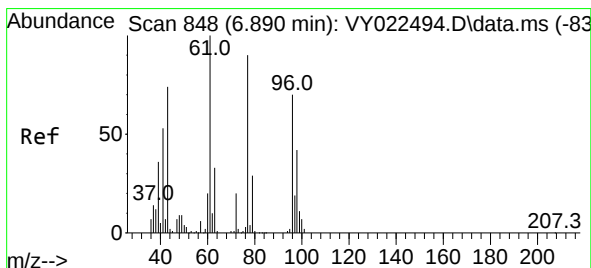
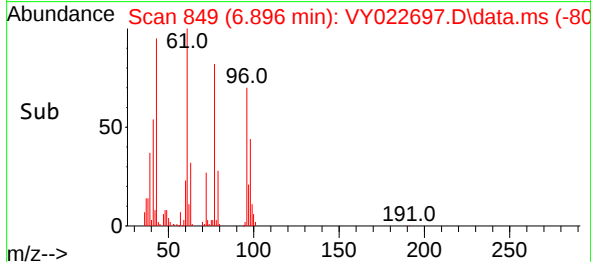
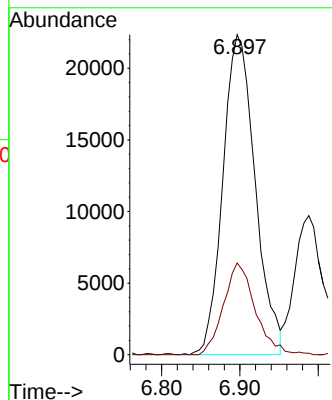
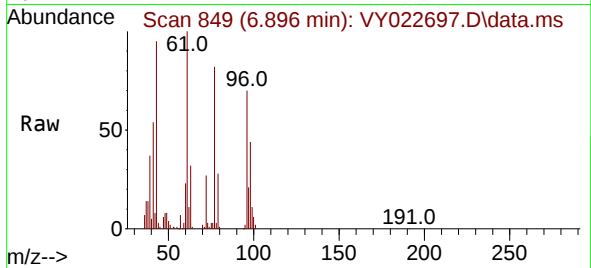




#25
2-Butanone
Concen: 123.411 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

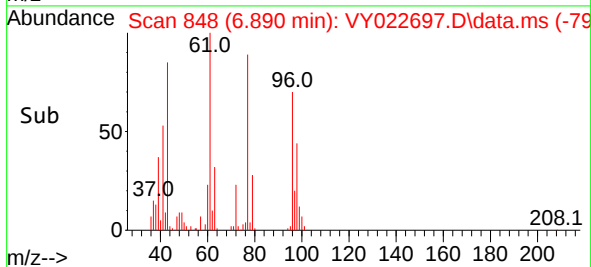
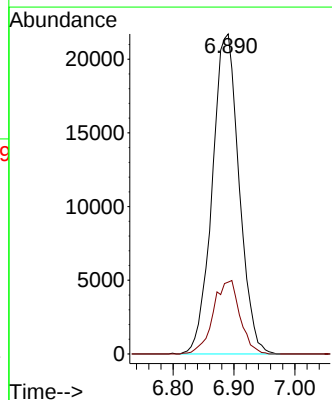
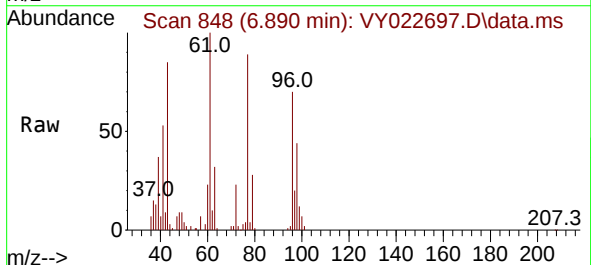
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion: 43 Resp: 64118
Ion Ratio Lower Upper
43 100
72 28.6 22.9 34.3



#26
2,2-Dichloropropane
Concen: 21.972 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 77 Resp: 66458
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.574 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

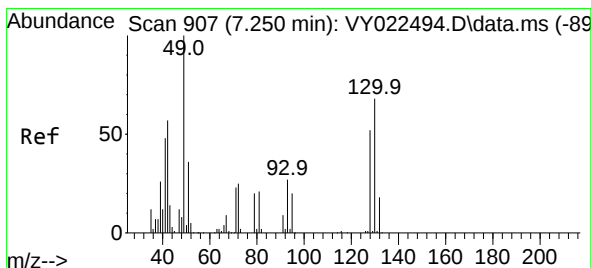
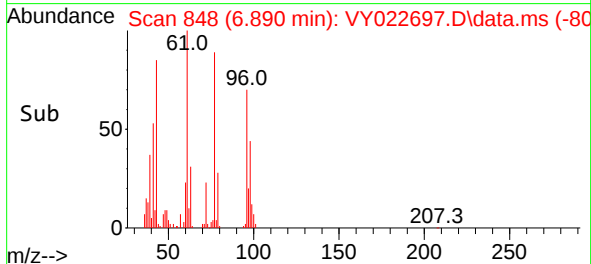
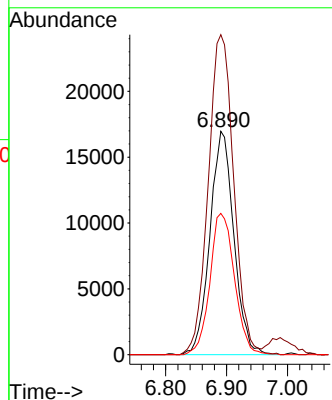
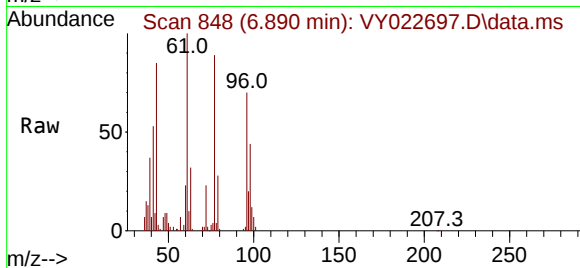
Tgt Ion: 96 Resp: 46410

Ion Ratio Lower Upper

96 100

61 152.0 0.0 290.0

98 64.9 0.0 128.4



#28

Bromochloromethane

Concen: 22.107 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

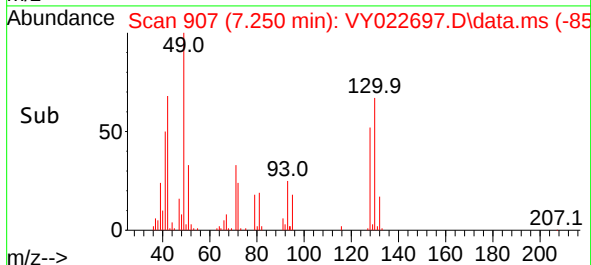
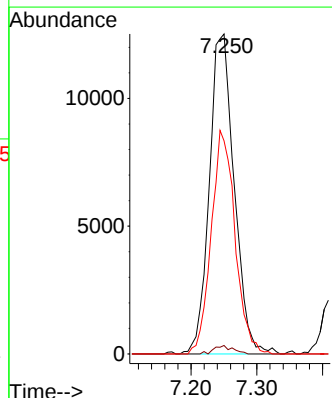
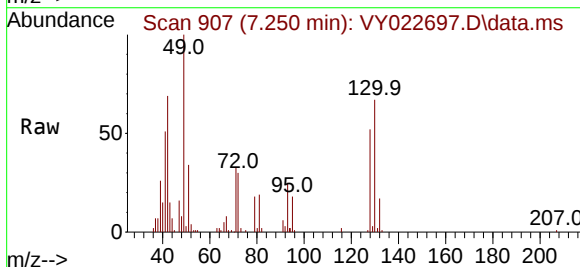
Tgt Ion: 49 Resp: 32989

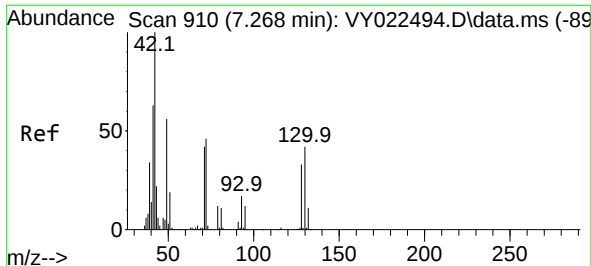
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 66.8 55.7 83.5





#29

Tetrahydrofuran

Concen: 106.057 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

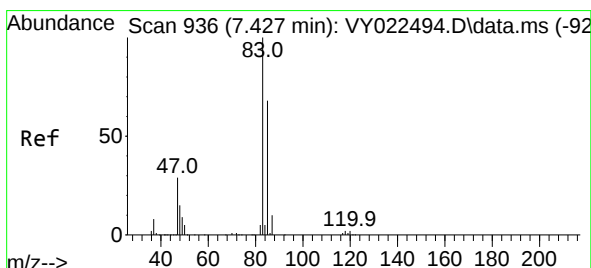
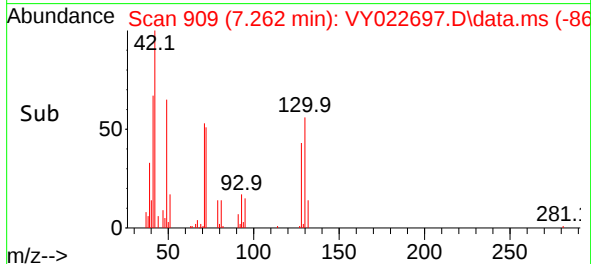
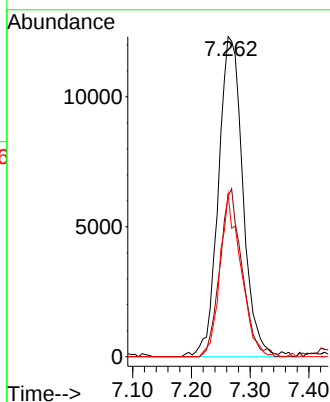
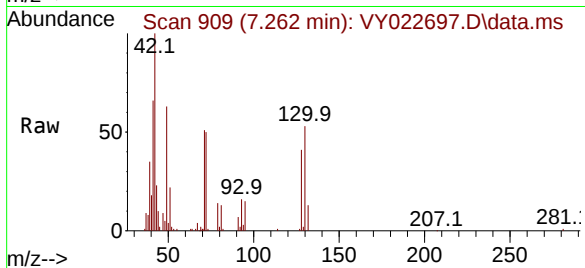
Tgt Ion: 42 Resp: 35539

Ion Ratio Lower Upper

42 100

72 47.7 37.4 56.2

71 43.9 34.2 51.2



#30

Chloroform

Concen: 22.651 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY022697.D

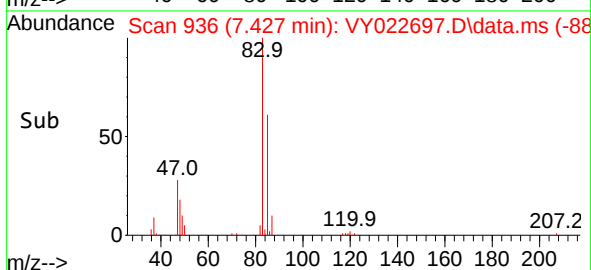
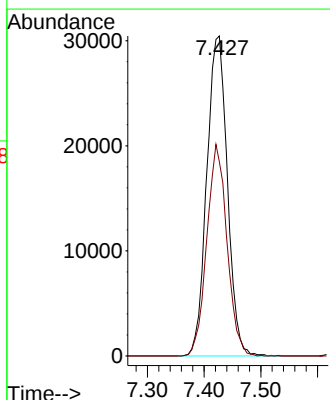
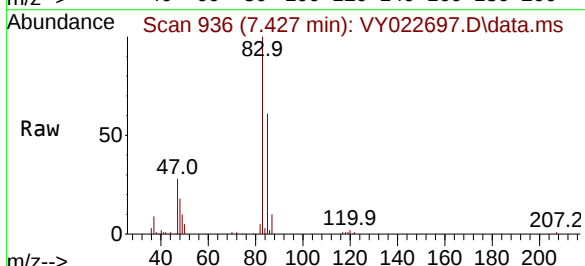
Acq: 16 Jun 2025 10:12

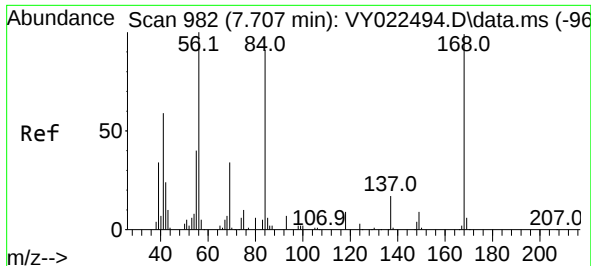
Tgt Ion: 83 Resp: 76803

Ion Ratio Lower Upper

83 100

85 60.7 54.2 81.4

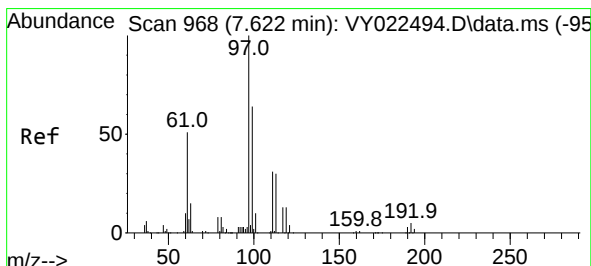
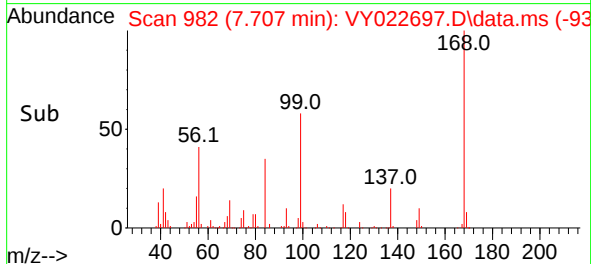
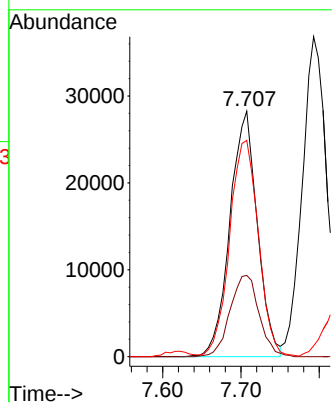
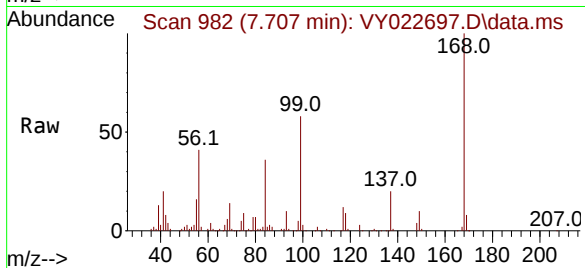




#31
Cyclohexane
Concen: 20.161 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

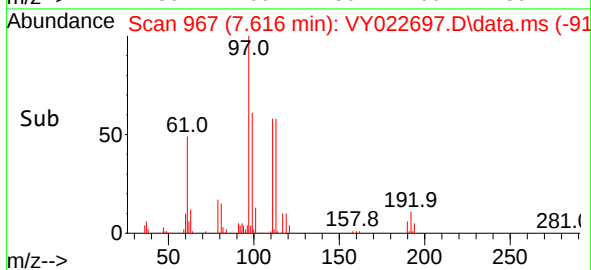
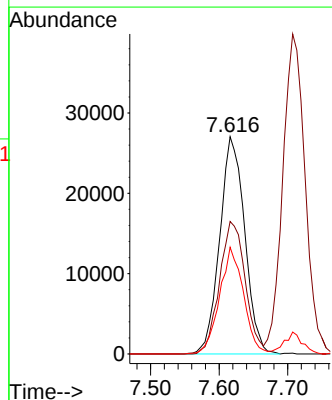
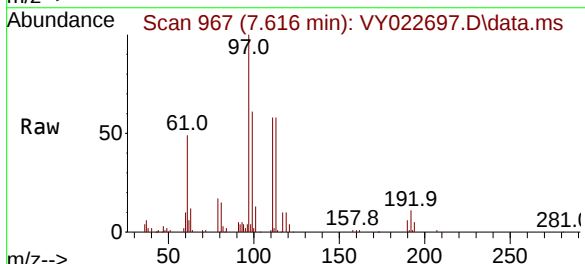
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

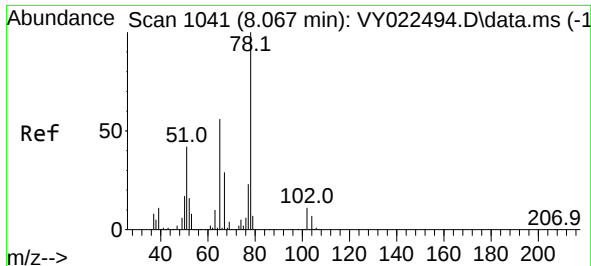
Tgt Ion: 56 Resp: 68711
Ion Ratio Lower Upper
56 100
69 33.1 27.0 40.6
84 86.1 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 22.710 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 97 Resp: 68356
Ion Ratio Lower Upper
97 100
99 62.7 50.9 76.3
61 47.1 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 52.044 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

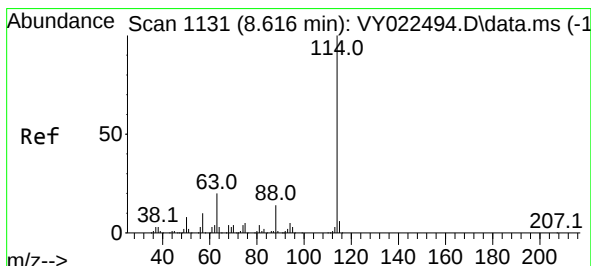
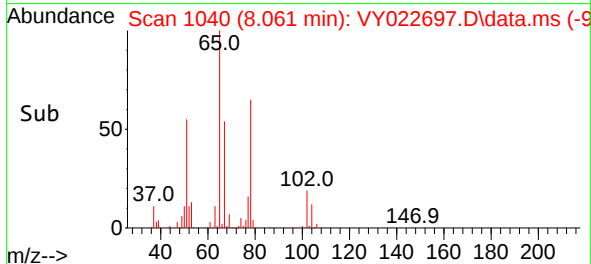
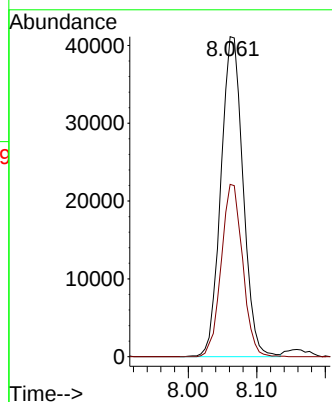
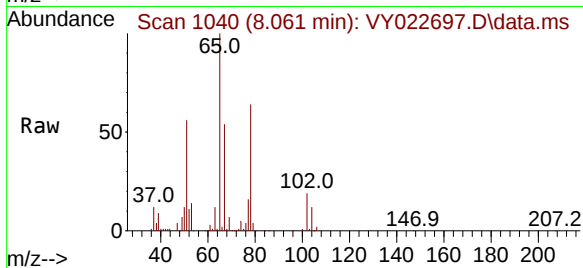
VY0616SBS01

Tgt Ion: 65 Resp: 92304

Ion Ratio Lower Upper

65 100

67 52.0 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: VY022697.D

Acq: 16 Jun 2025 10:12

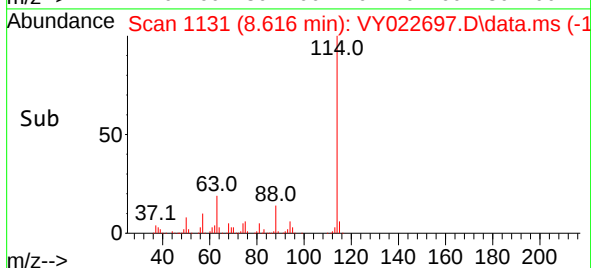
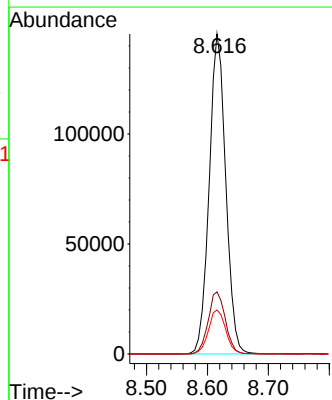
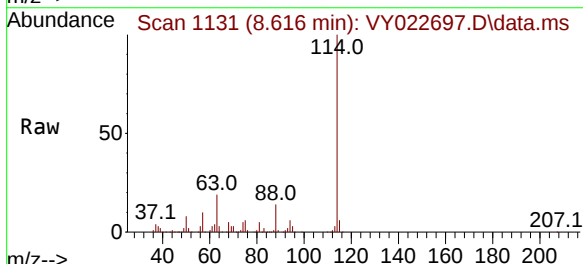
Tgt Ion: 114 Resp: 274493

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

88 13.8 0.0 27.8

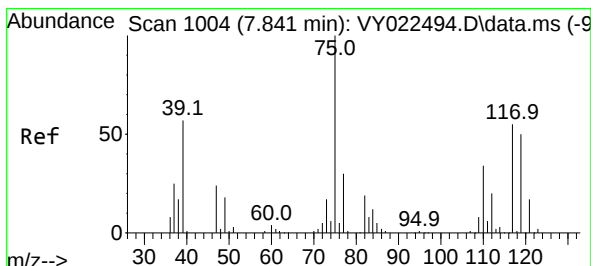
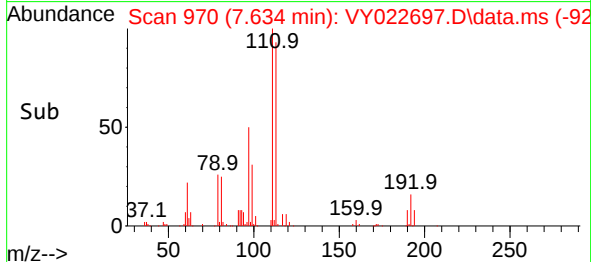
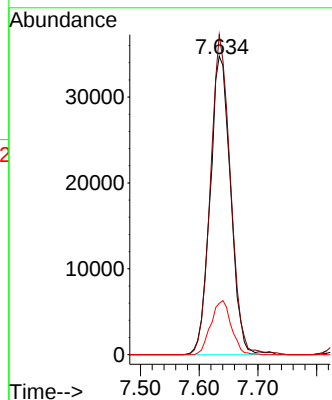
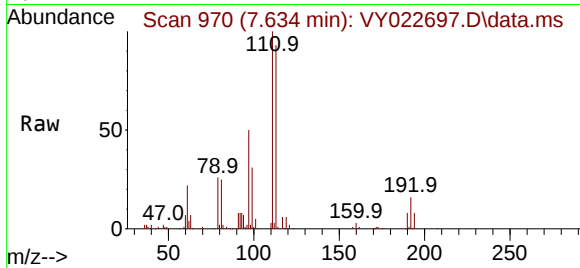




#35
Dibromofluoromethane
Concen: 51.426 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

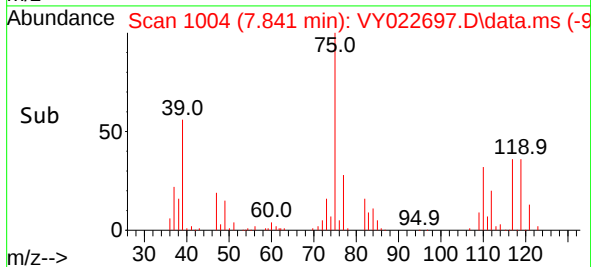
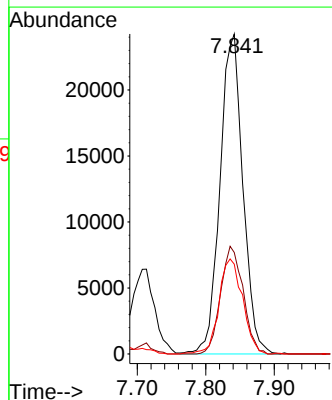
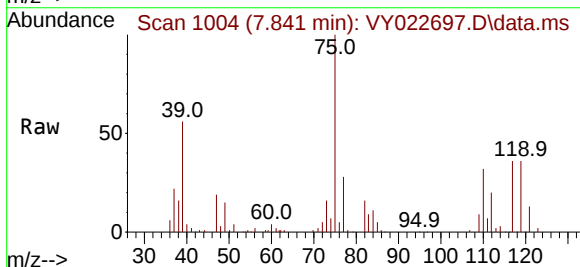
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

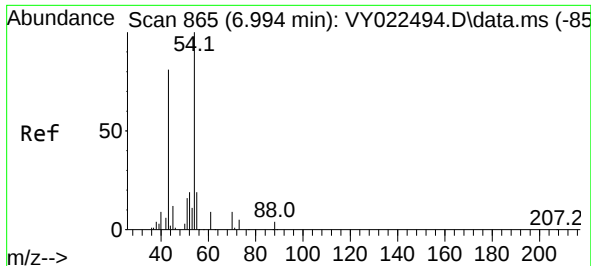
Tgt Ion:113 Resp: 84256
Ion Ratio Lower Upper
113 100
111 104.3 81.1 121.7
192 18.0 14.2 21.2



#36
1,1-Dichloropropene
Concen: 21.139 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 75 Resp: 56212
Ion Ratio Lower Upper
75 100
110 33.1 16.9 50.7
77 30.7 24.8 37.2





#37

Ethyl Acetate

Concen: 21.787 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022697.D

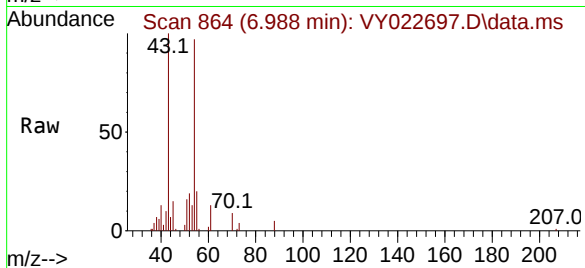
Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01



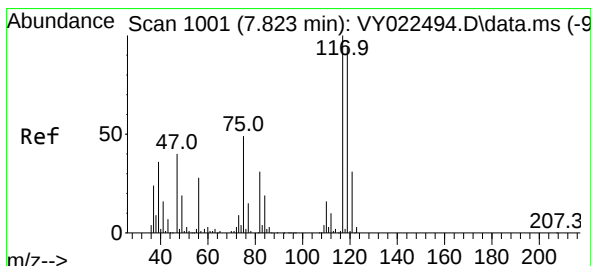
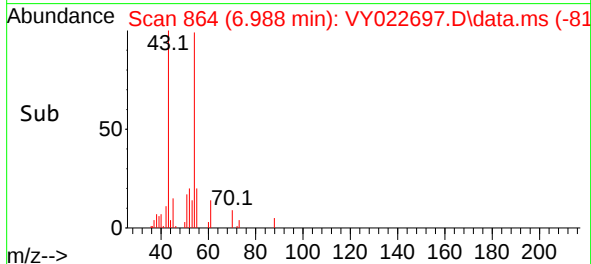
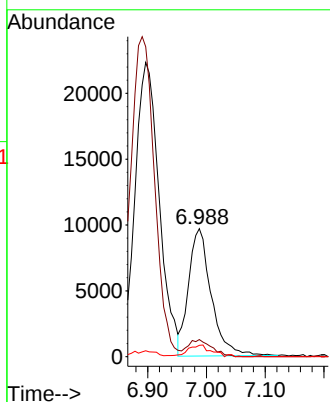
Tgt Ion: 43 Resp: 25836

Ion Ratio Lower Upper

43 100

61 13.9 11.5 17.3

70 9.8 7.2 10.8



#38

Carbon Tetrachloride

Concen: 21.047 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

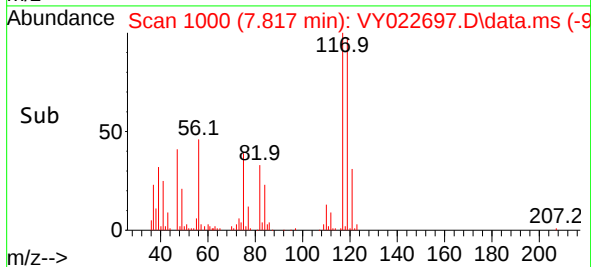
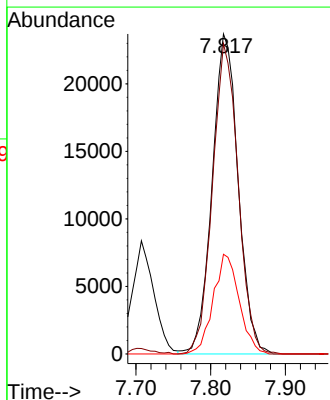
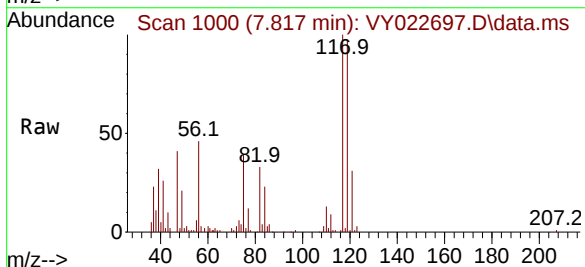
Tgt Ion: 117 Resp: 57413

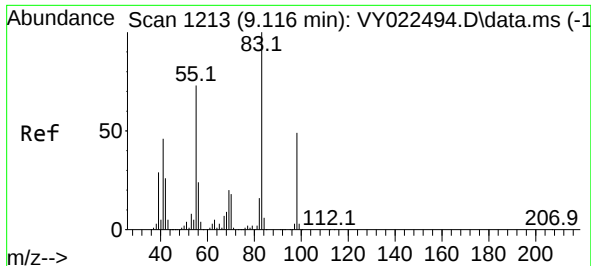
Ion Ratio Lower Upper

117 100

119 97.0 75.0 112.6

121 31.1 25.0 37.4





#39

Methylcyclohexane

Concen: 19.690 ug/l

RT: 9.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

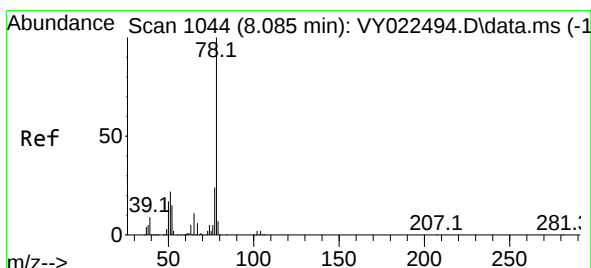
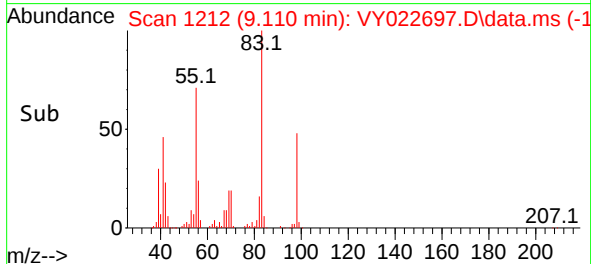
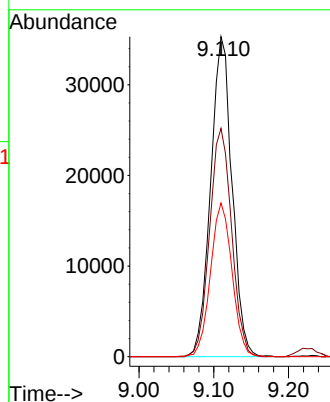
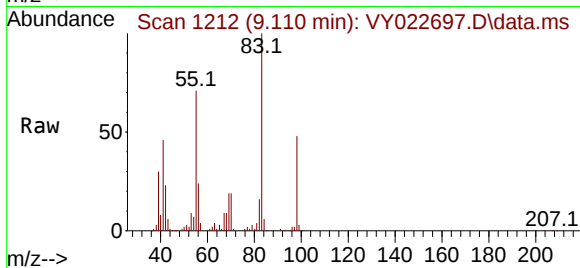
Tgt Ion: 83 Resp: 70362

Ion Ratio Lower Upper

83 100

55 71.3 58.1 87.1

98 48.0 39.0 58.6



#40

Benzene

Concen: 21.624 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022697.D

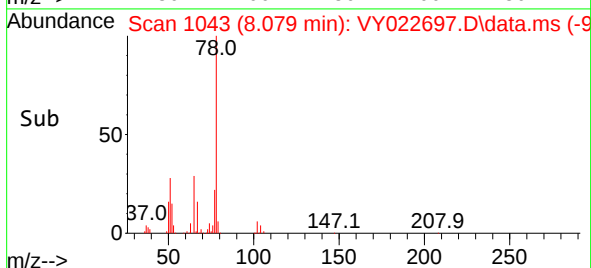
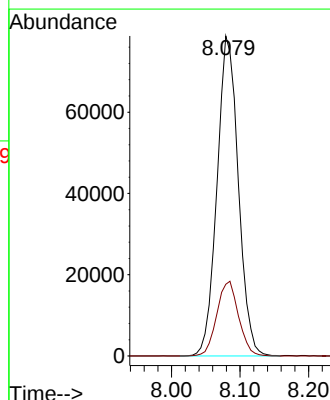
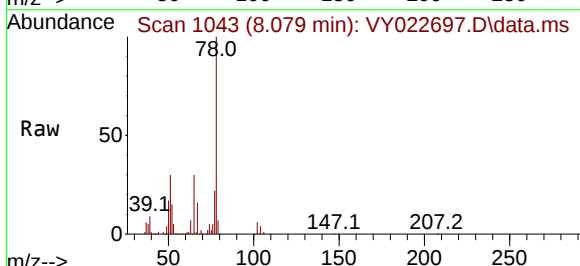
Acq: 16 Jun 2025 10:12

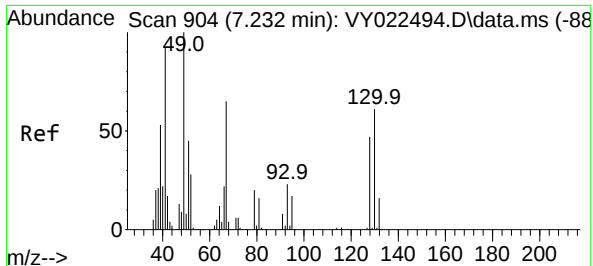
Tgt Ion: 78 Resp: 169830

Ion Ratio Lower Upper

78 100

77 22.4 19.3 28.9

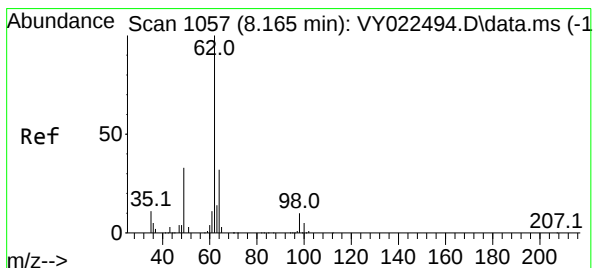
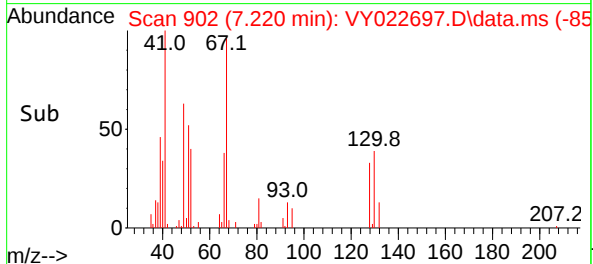
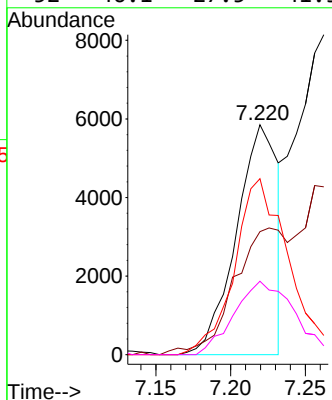
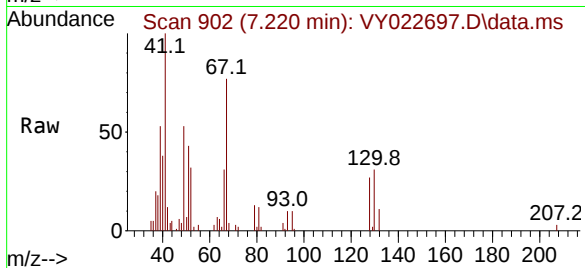




#41
Methacrylonitrile
Concen: 16.295 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

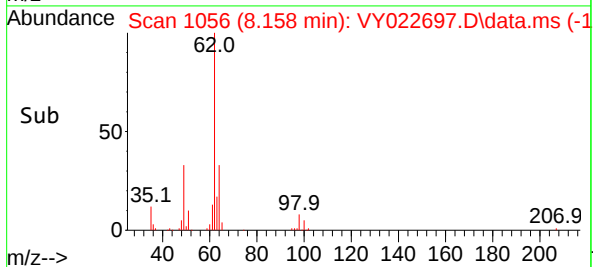
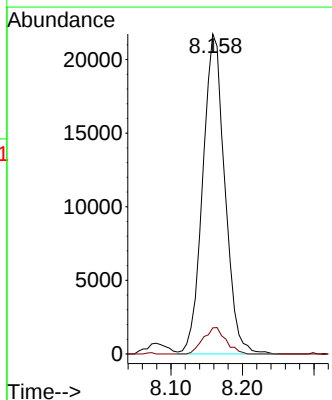
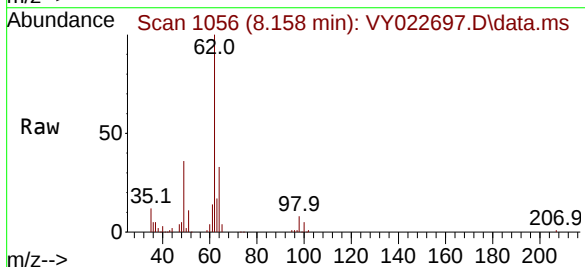
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

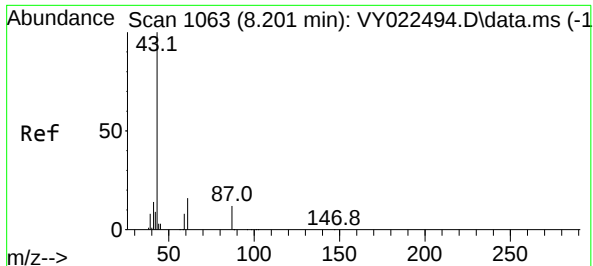
Tgt Ion:	41	Resp:	11287
Ion	Ratio	Lower	Upper
41	100		
39	70.2	46.6	69.8#
67	101.4	63.3	94.9#
52	46.1	27.5	41.3#



#42
1,2-Dichloroethane
Concen: 21.775 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion:	62	Resp:	46696
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	19.2

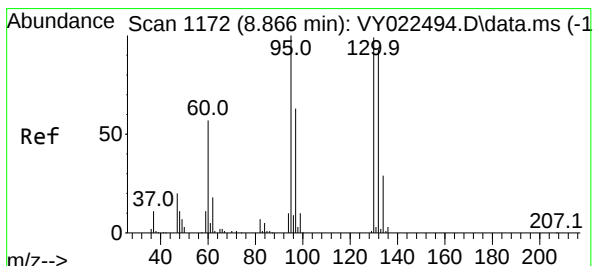
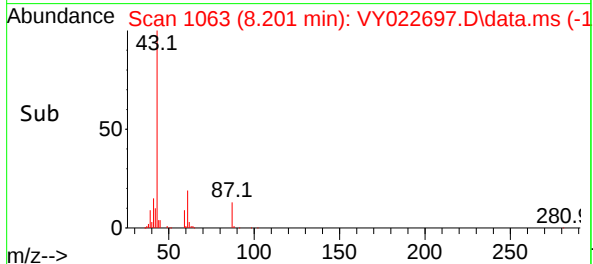
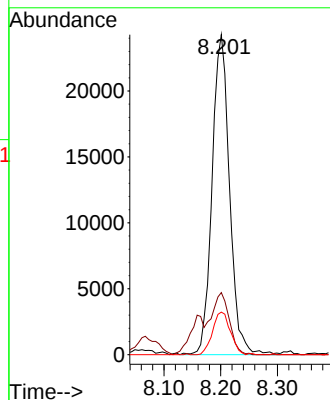
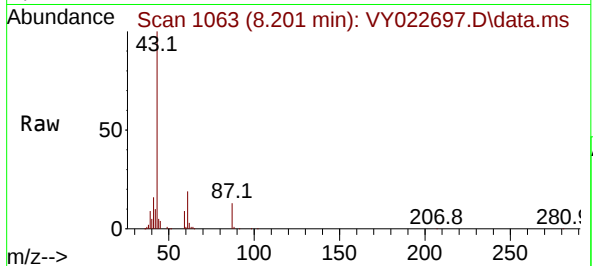




#43
Isopropyl Acetate
Concen: 20.280 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

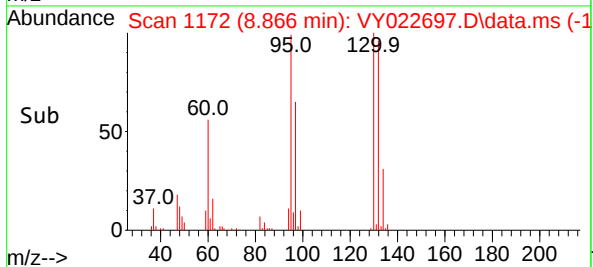
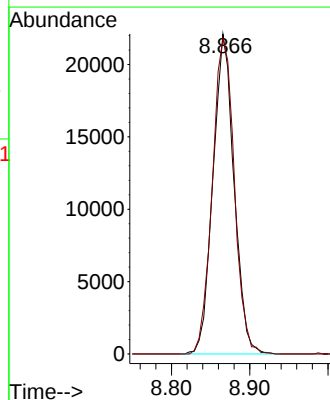
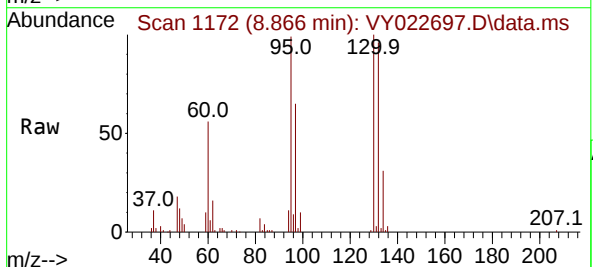
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

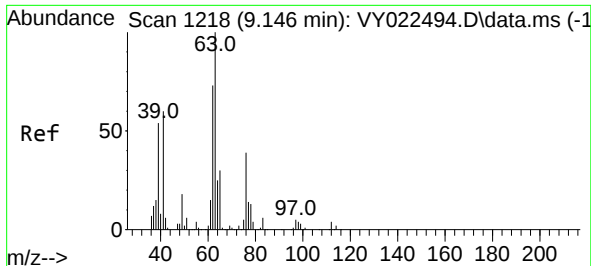
Tgt Ion: 43 Resp: 51938
Ion Ratio Lower Upper
43 100
61 18.3 15.6 23.4
87 13.6 10.2 15.4



#44
Trichloroethene
Concen: 21.498 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion:130 Resp: 41267
Ion Ratio Lower Upper
130 100
95 98.5 0.0 203.0





#45

1,2-Dichloropropane

Concen: 21.749 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

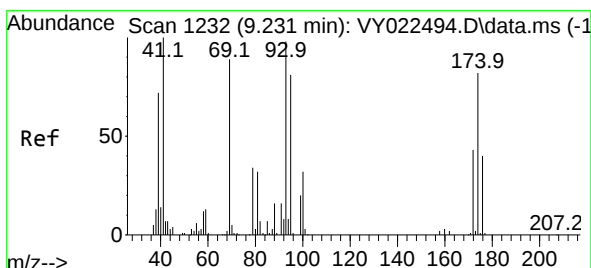
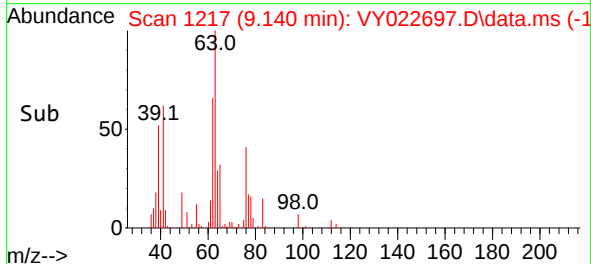
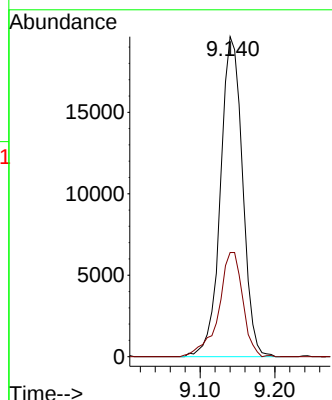
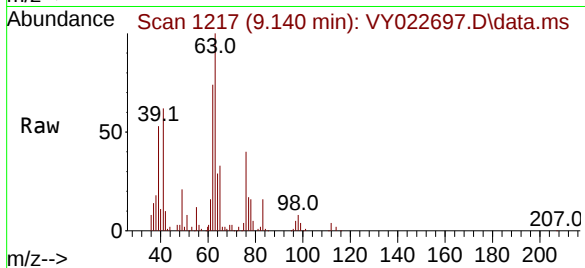
VY0616SBS01

Tgt Ion: 63 Resp: 40369

Ion Ratio Lower Upper

63 100

65 32.6 24.0 36.0



#46

Dibromomethane

Concen: 21.257 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

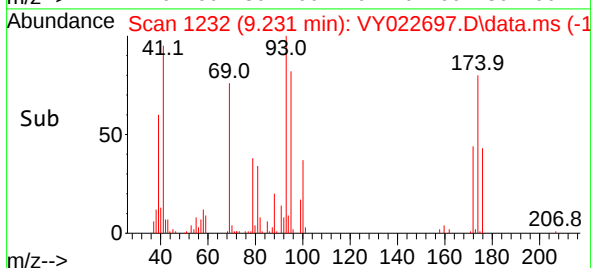
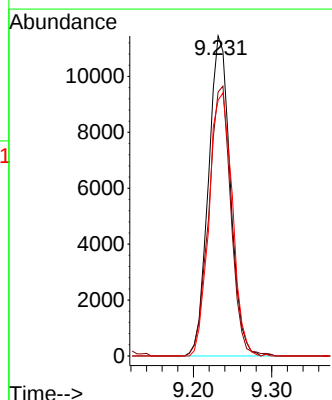
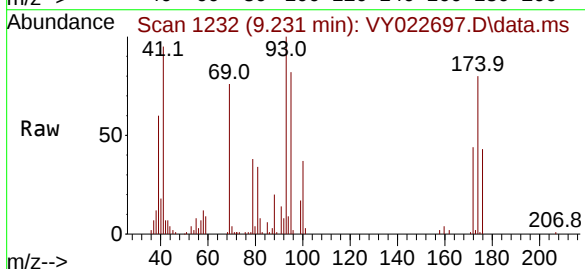
Tgt Ion: 93 Resp: 22198

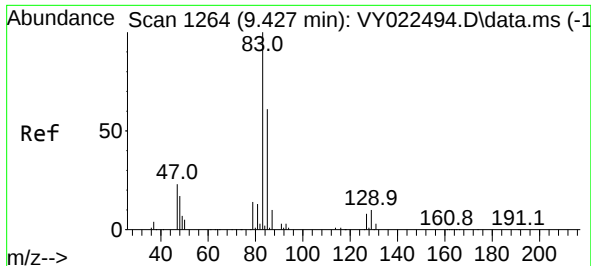
Ion Ratio Lower Upper

93 100

95 85.5 65.6 98.4

174 87.3 70.4 105.6

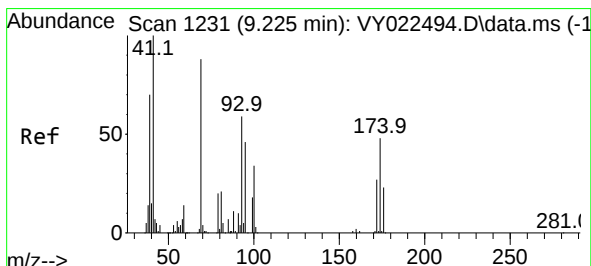
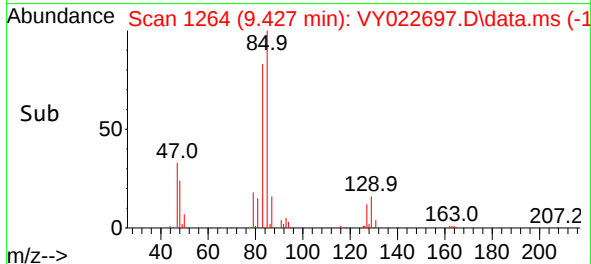
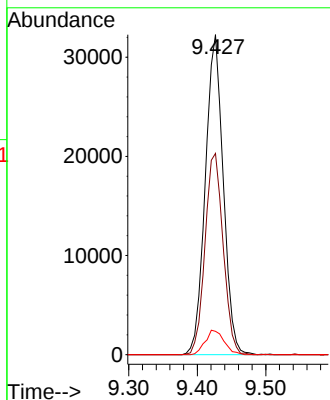
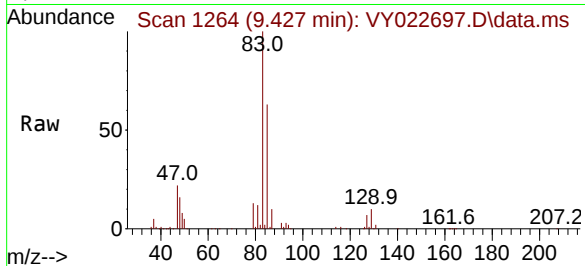




#47
Bromodichloromethane
Concen: 22.169 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

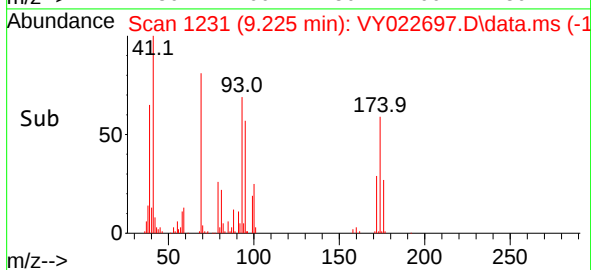
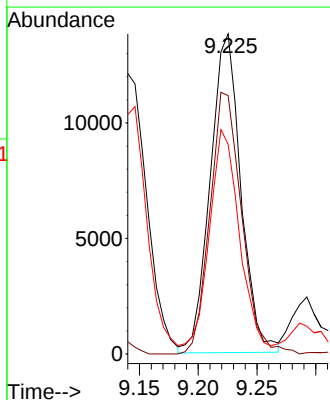
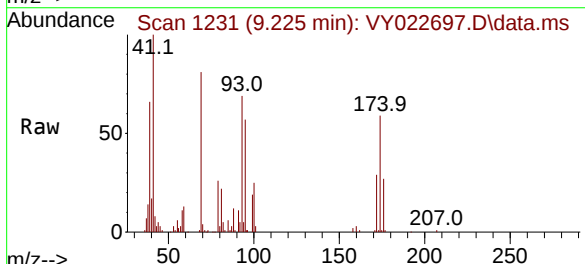
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

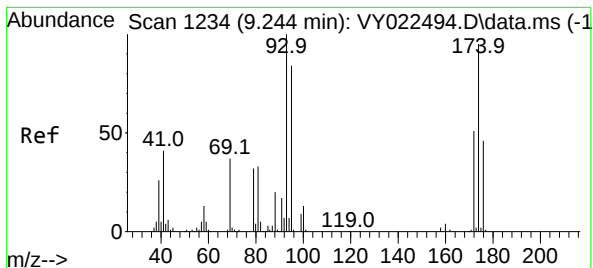
Tgt Ion: 83 Resp: 58700
Ion Ratio Lower Upper
83 100
85 62.9 49.1 73.7
127 7.3 6.2 9.4



#48
Methyl methacrylate
Concen: 20.836 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 41 Resp: 25045
Ion Ratio Lower Upper
41 100
69 84.9 67.8 101.8
39 65.1 55.0 82.4





#49

1,4-Dioxane

Concen: 430.920 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

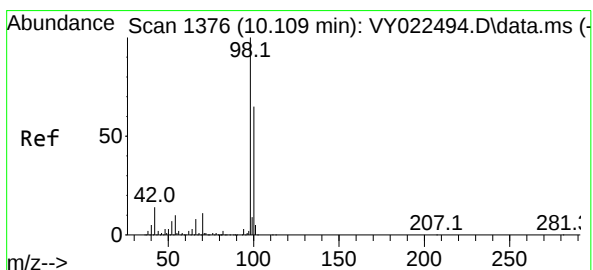
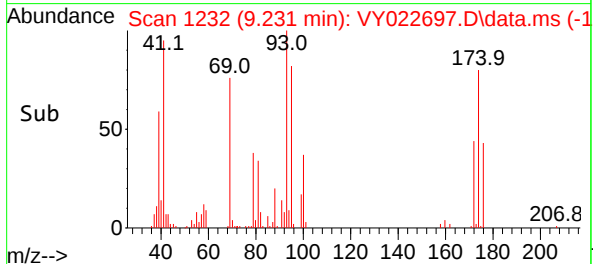
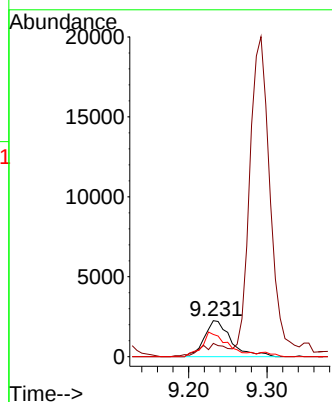
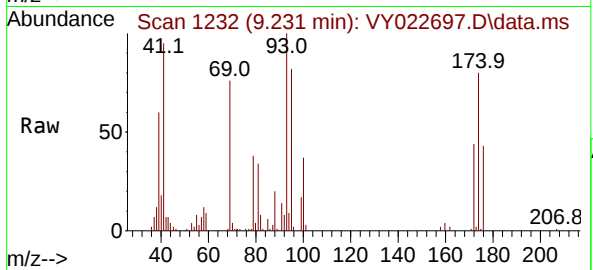
Tgt Ion: 88 Resp: 5331

Ion Ratio Lower Upper

88 100

43 36.8 25.4 38.2

58 66.1 54.9 82.3



#50

Toluene-d8

Concen: 50.710 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022697.D

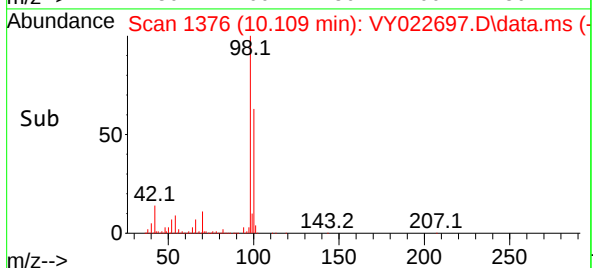
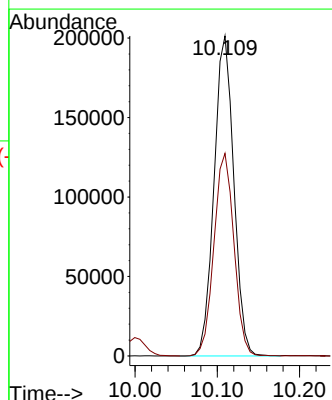
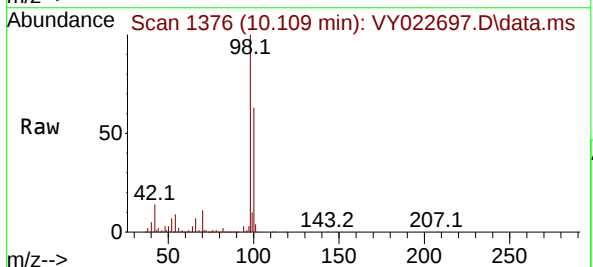
Acq: 16 Jun 2025 10:12

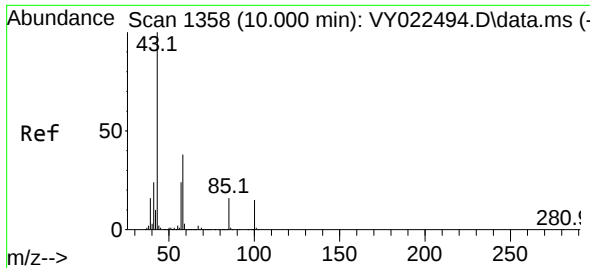
Tgt Ion: 98 Resp: 335707

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0

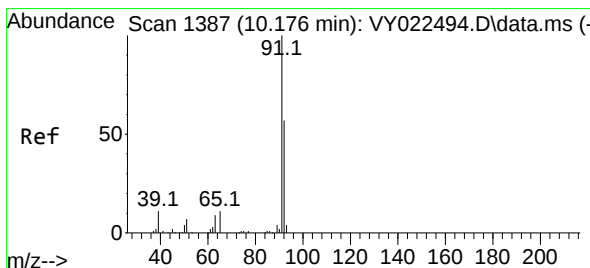
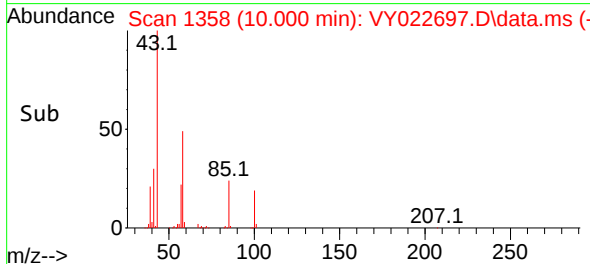
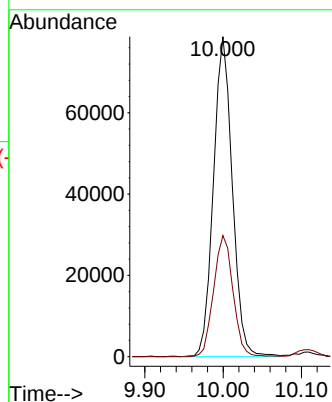
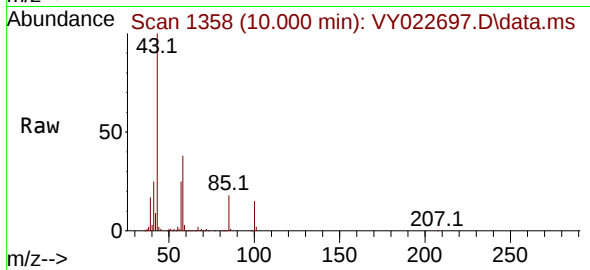




#51
4-Methyl-2-Pentanone
Concen: 103.413 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

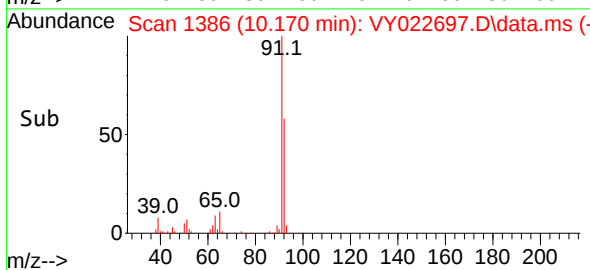
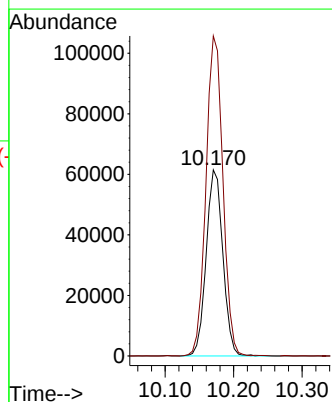
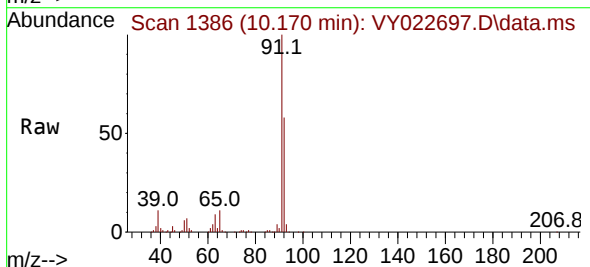
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

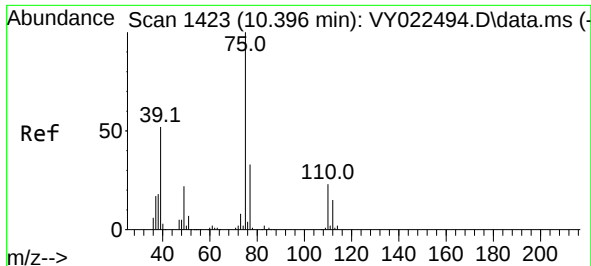
Tgt Ion: 43 Resp: 132045
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6



#52
Toluene
Concen: 21.081 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 92 Resp: 104048
Ion Ratio Lower Upper
92 100
91 174.6 139.0 208.4

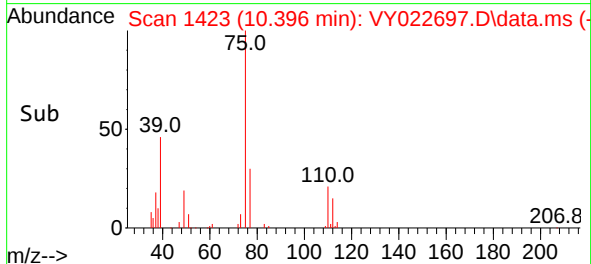
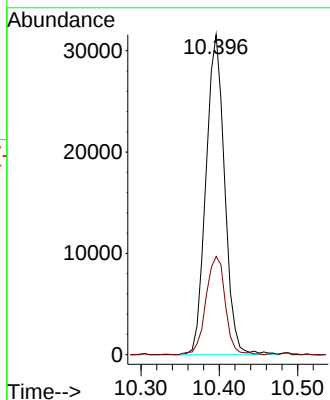
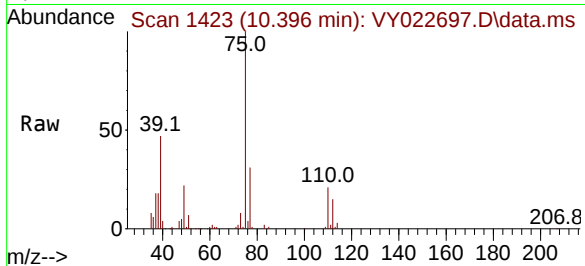




#53
 t-1,3-Dichloropropene
 Concen: 21.003 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY022697.D
 Acq: 16 Jun 2025 10:12

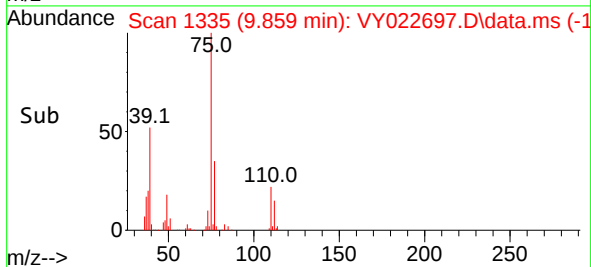
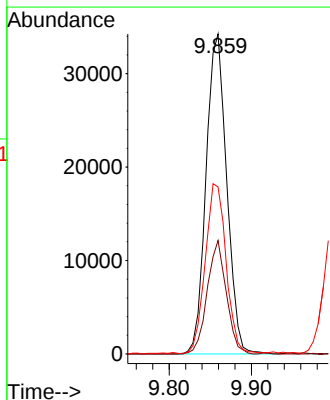
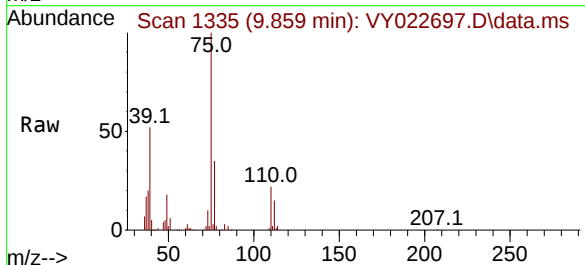
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

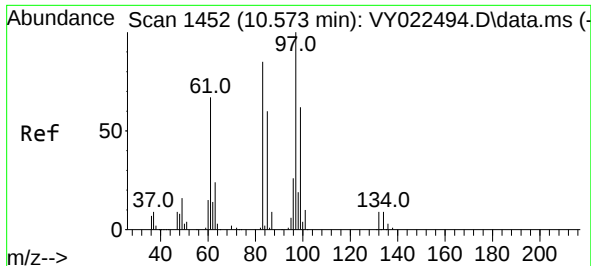
Tgt Ion: 75 Resp: 52106
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.671 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY022697.D
 Acq: 16 Jun 2025 10:12

Tgt Ion: 75 Resp: 59697
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.3 37.9
 39 52.0 42.7 64.1

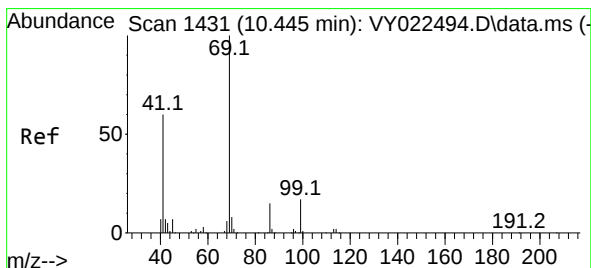
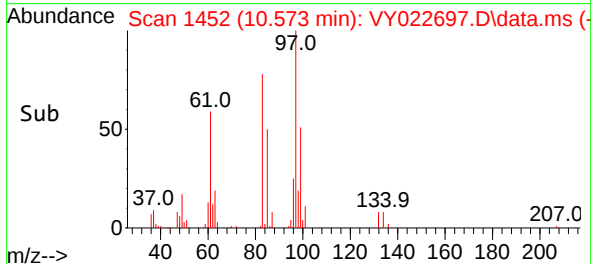
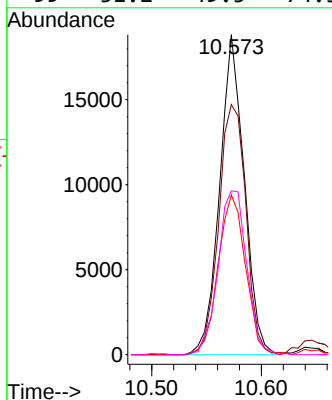
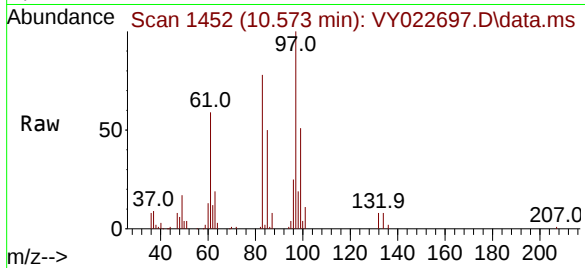




#55
1,1,2-Trichloroethane
Concen: 22.008 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

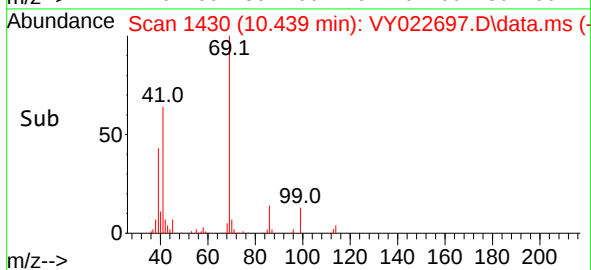
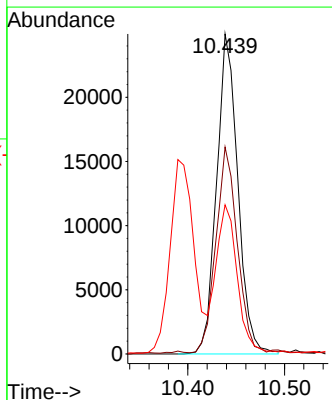
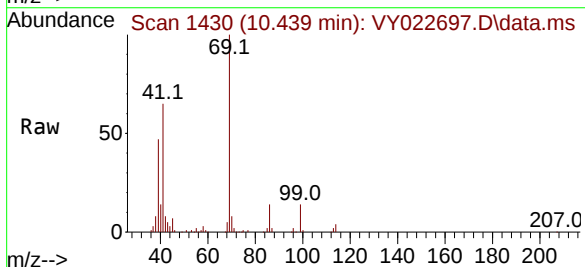
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion: 97	Resp: 29305
Ion Ratio	Lower Upper
97 100	
83 78.1	68.1 102.1
85 50.0	48.2 72.2
99 51.2	49.5 74.3



#56
Ethyl methacrylate
Concen: 19.733 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 69	Resp: 37977
Ion Ratio	Lower Upper
69 100	
41 64.4	52.2 78.2
39 45.8	36.7 55.1

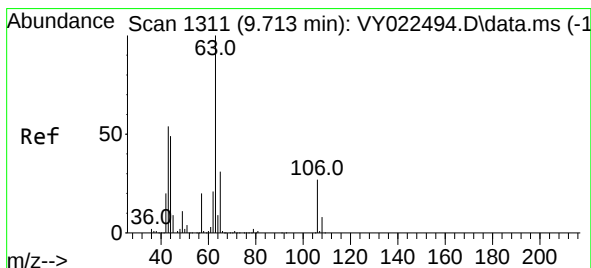
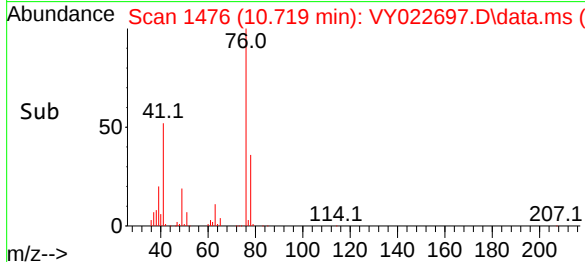
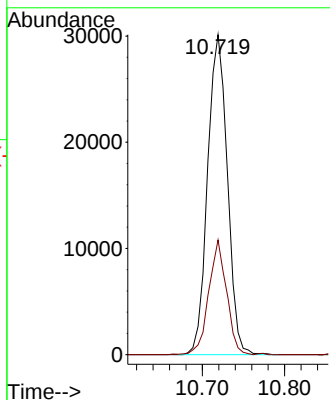
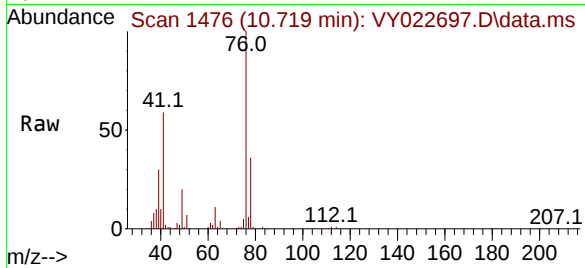




#57
1,3-Dichloropropane
Concen: 21.304 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

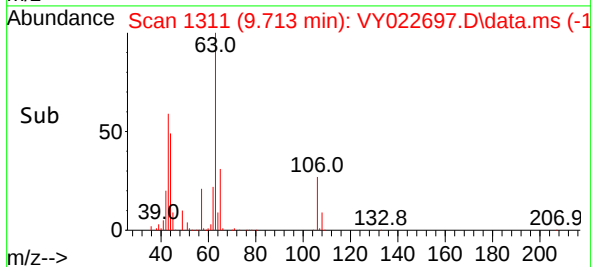
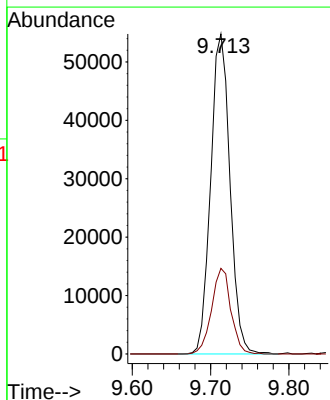
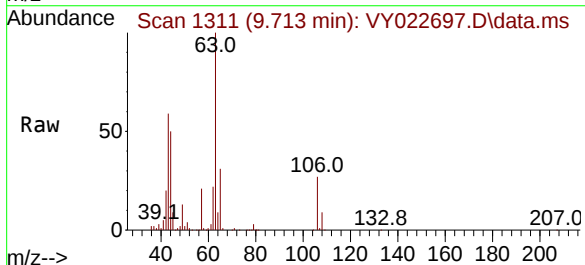
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

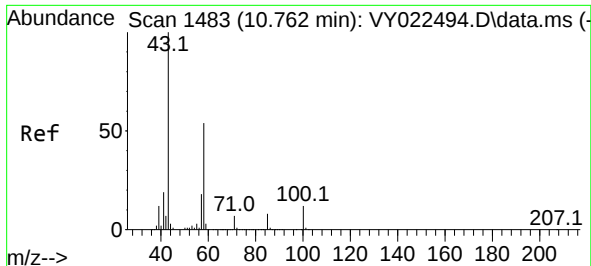
Tgt Ion: 76 Resp: 50278
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 107.377 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 63 Resp: 93823
Ion Ratio Lower Upper
63 100
106 26.7 21.6 32.4

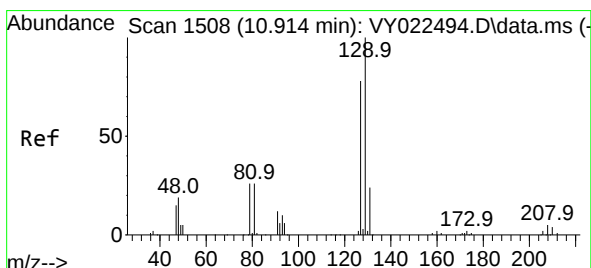
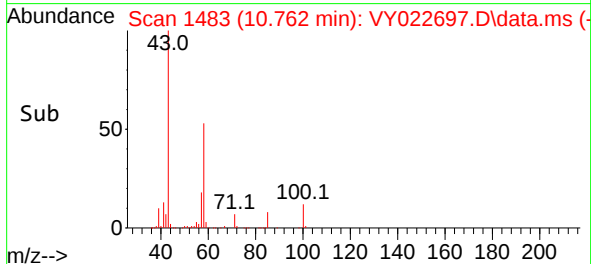
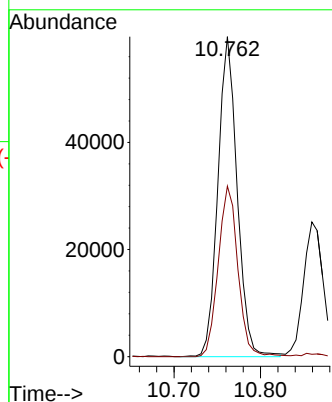
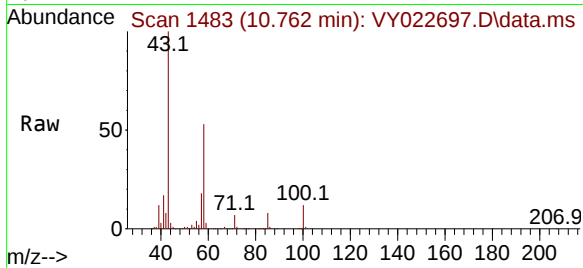




#59
2-Hexanone
Concen: 108.059 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

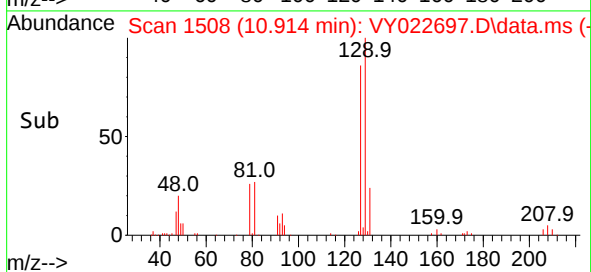
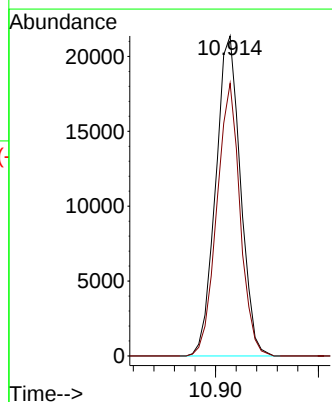
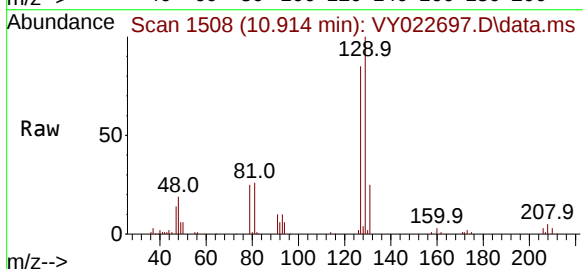
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

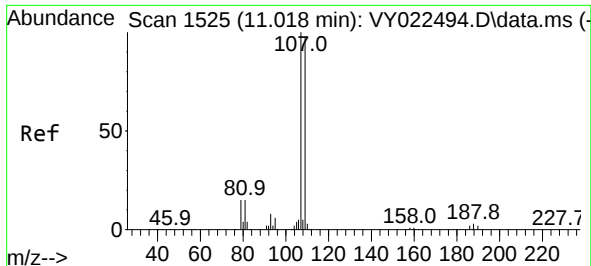
Tgt Ion: 43 Resp: 92278
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8



#60
Dibromochloromethane
Concen: 21.123 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 129 Resp: 35744
Ion Ratio Lower Upper
129 100
127 79.7 39.1 117.2

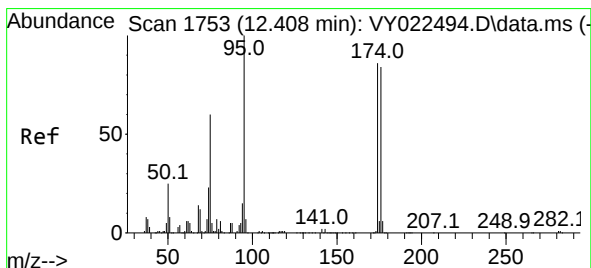
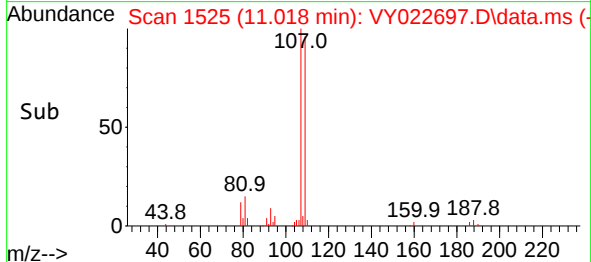
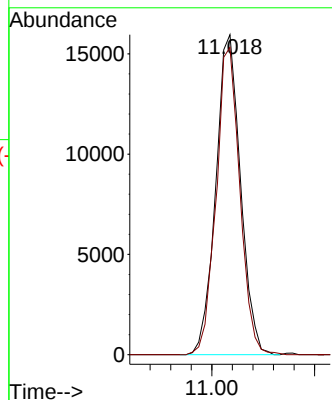
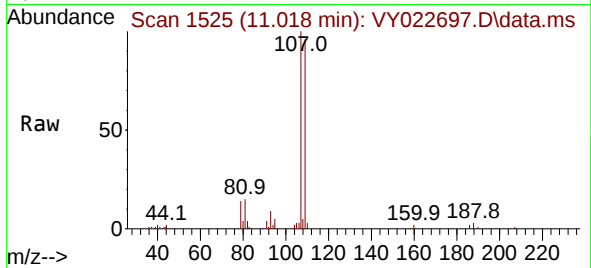




#61
1,2-Dibromoethane
Concen: 21.959 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

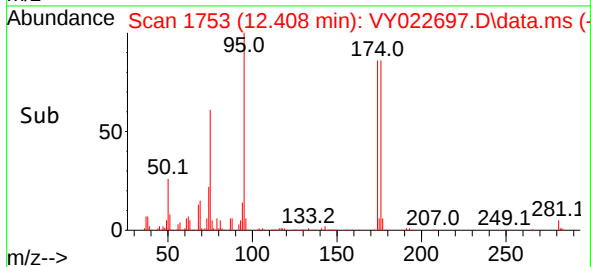
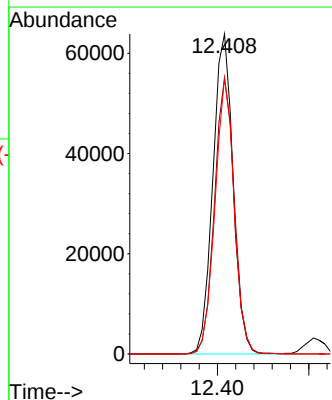
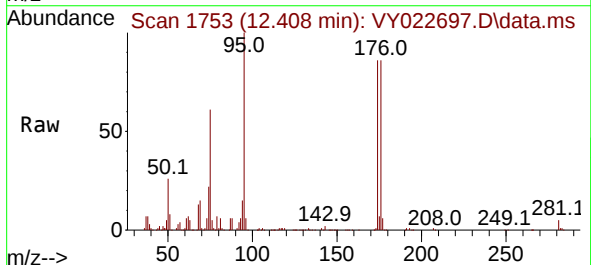
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

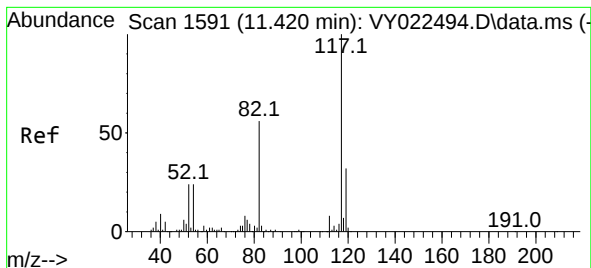
Tgt Ion:107 Resp: 26650
Ion Ratio Lower Upper
107 100
109 92.0 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 49.582 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 95 Resp: 97799
Ion Ratio Lower Upper
95 100
174 84.8 0.0 170.0
176 82.2 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

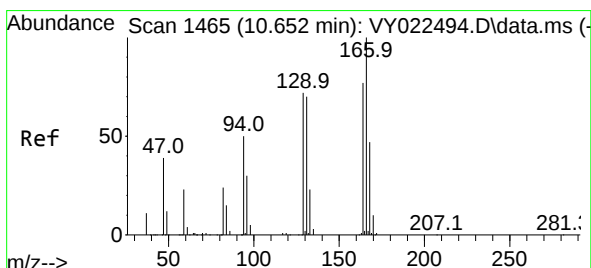
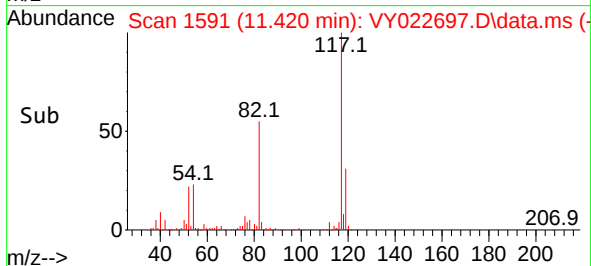
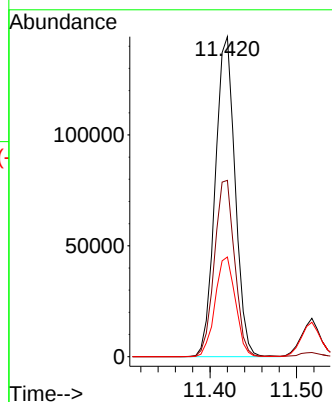
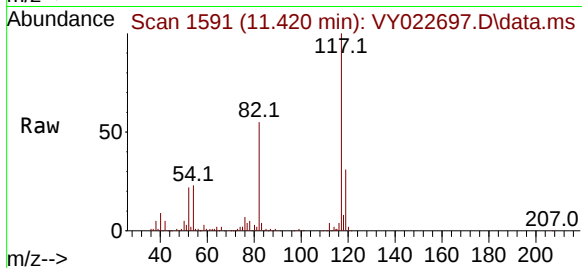
Tgt Ion:117 Resp: 229894

Ion Ratio Lower Upper

117 100

82 55.1 44.6 66.8

119 31.1 25.4 38.0



#64

Tetrachloroethene

Concen: 24.280 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Tgt Ion:164 Resp: 48016

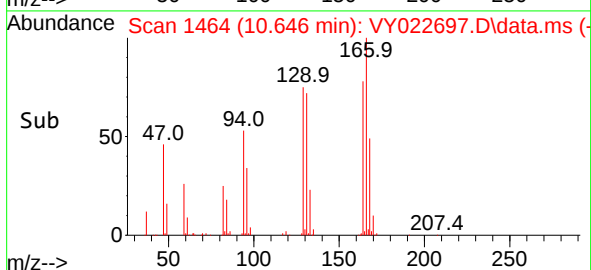
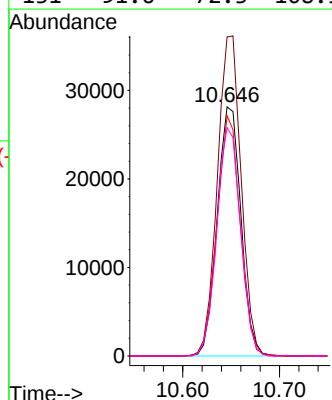
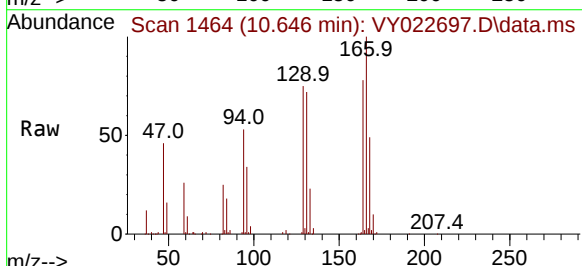
Ion Ratio Lower Upper

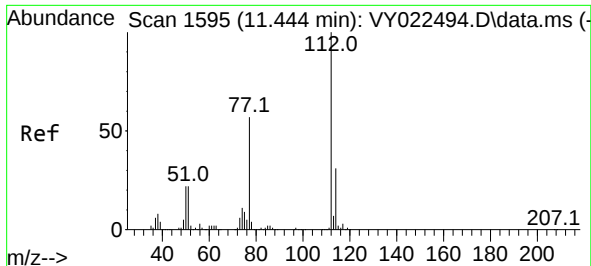
164 100

166 128.0 104.0 156.0

129 96.4 74.5 111.7

131 91.6 72.3 108.5

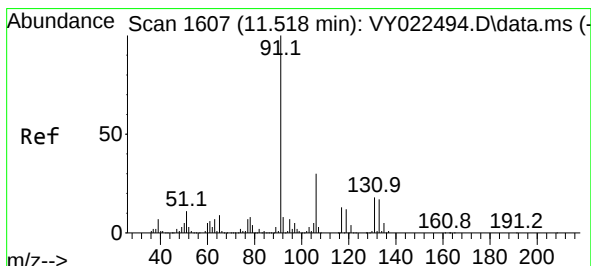
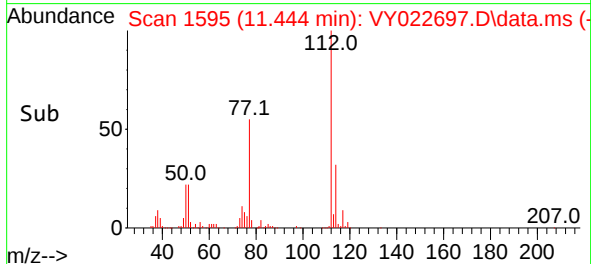
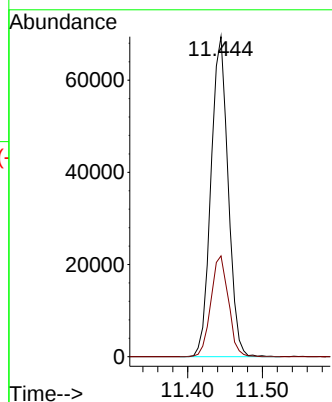
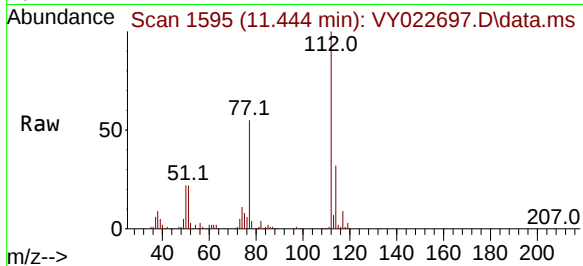




#65
Chlorobenzene
Concen: 21.747 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

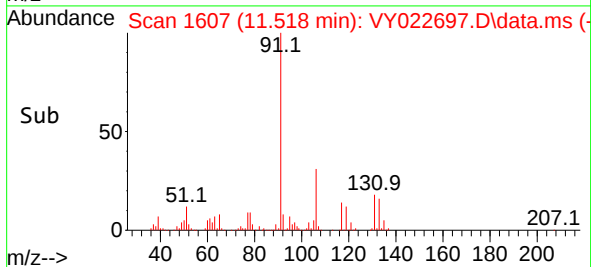
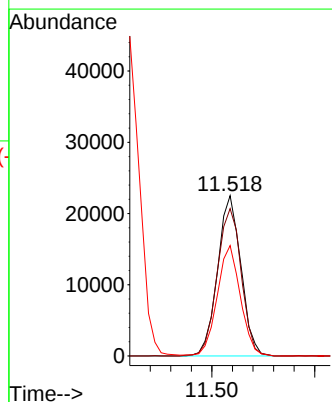
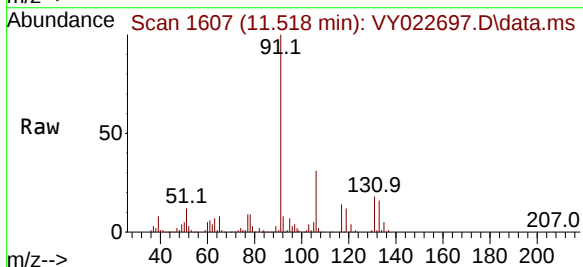
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

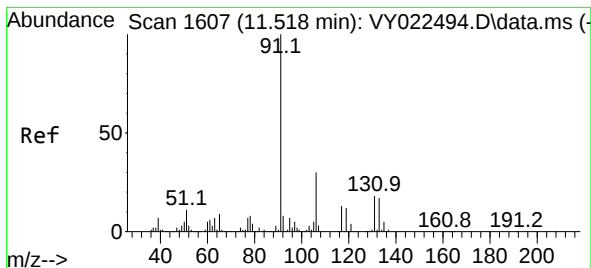
Tgt Ion:112 Resp: 110633
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.683 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion:131 Resp: 35445
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.8
119 68.5 33.1 99.3





#67

Ethyl Benzene

Concen: 20.702 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

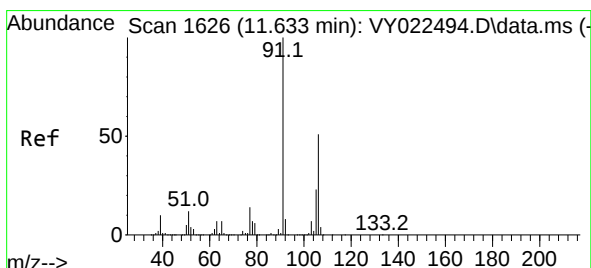
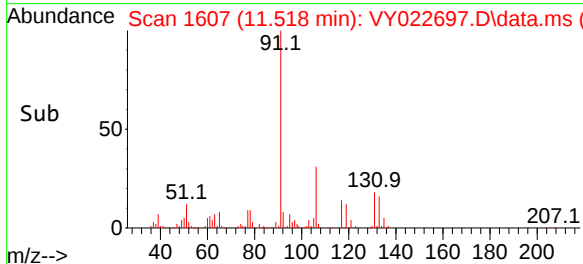
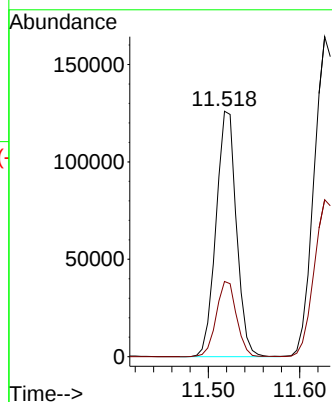
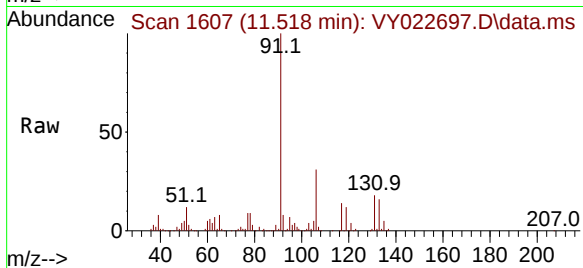
VY0616SBS01

Tgt Ion: 91 Resp: 195335

Ion Ratio Lower Upper

91 100

106 30.6 24.2 36.4



#68

m/p-Xylenes

Concen: 41.160 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022697.D

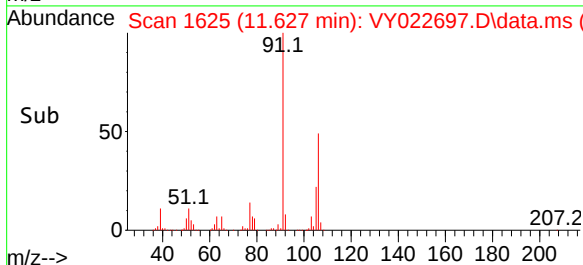
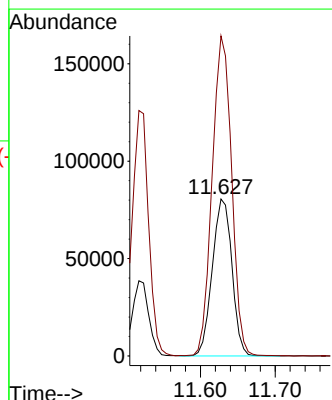
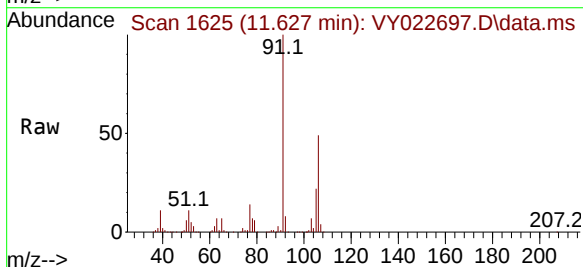
Acq: 16 Jun 2025 10:12

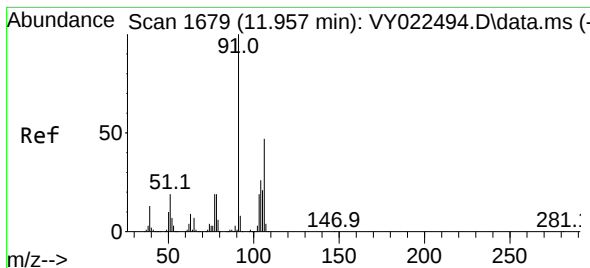
Tgt Ion:106 Resp: 147231

Ion Ratio Lower Upper

106 100

91 202.5 159.4 239.0

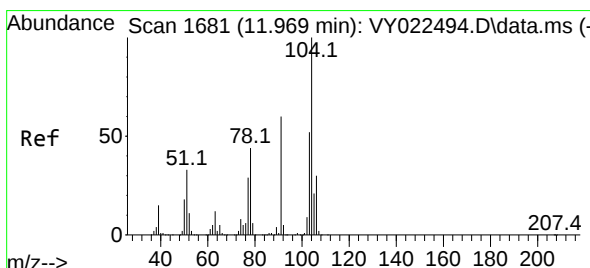
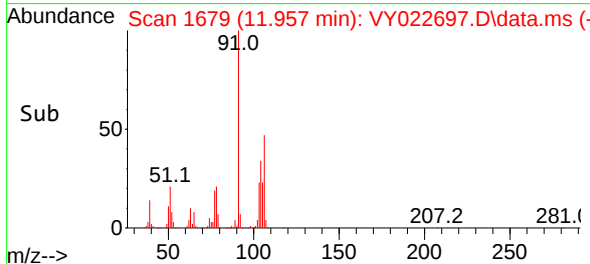
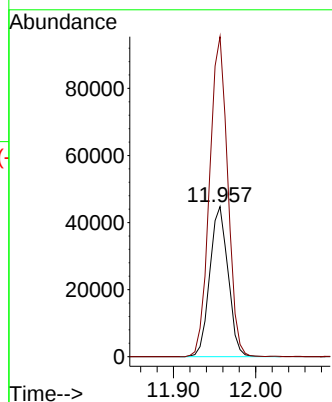
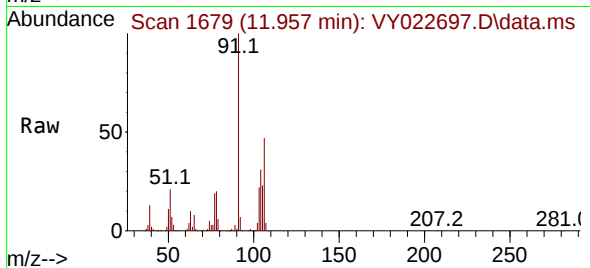




#69
o-Xylene
Concen: 20.588 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

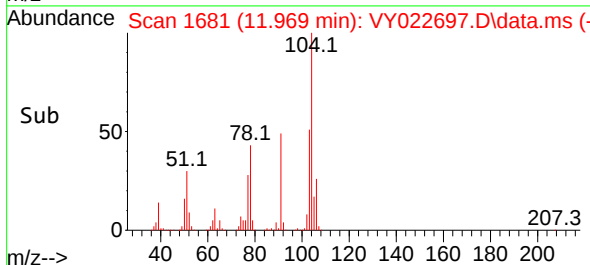
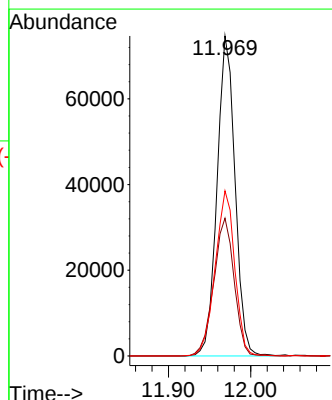
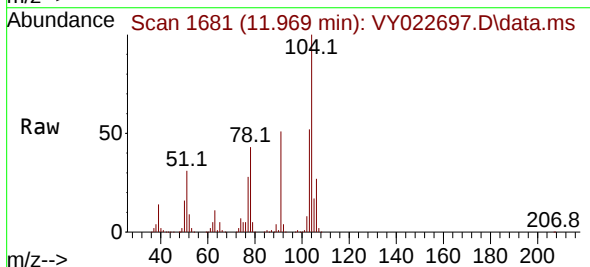
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

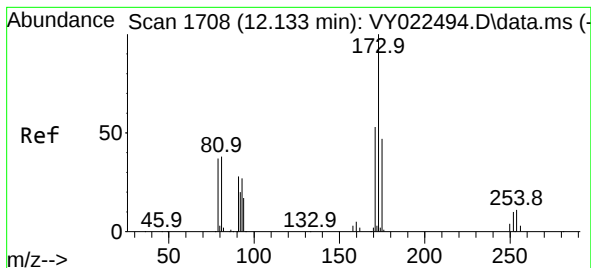
Tgt Ion:106 Resp: 69044
Ion Ratio Lower Upper
106 100
91 211.9 105.8 317.3



#70
Styrene
Concen: 20.513 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion:104 Resp: 113714
Ion Ratio Lower Upper
104 100
78 48.7 39.5 59.3
103 56.2 44.1 66.1





#71

Bromoform

Concen: 20.847 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

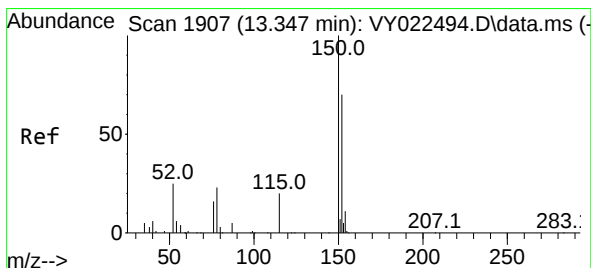
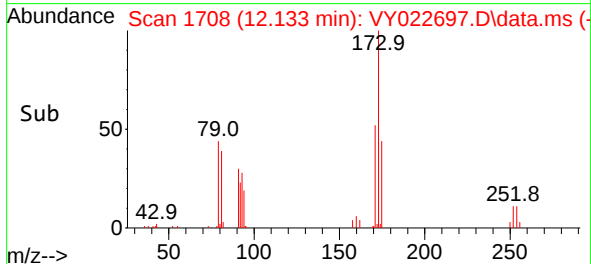
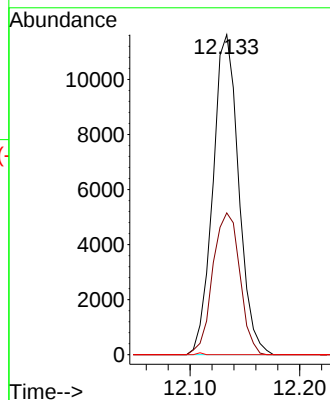
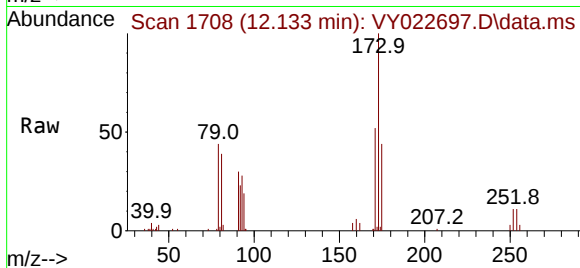
Tgt Ion:173 Resp: 19012

Ion Ratio Lower Upper

173 100

175 46.5 23.8 71.5

254 0.0 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: VY022697.D

Acq: 16 Jun 2025 10:12

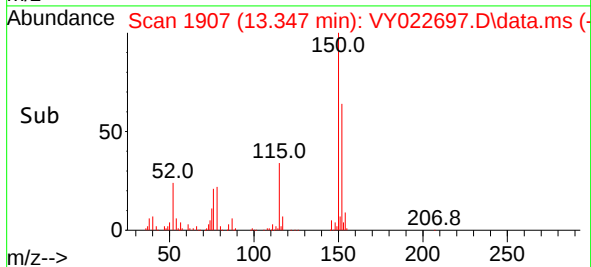
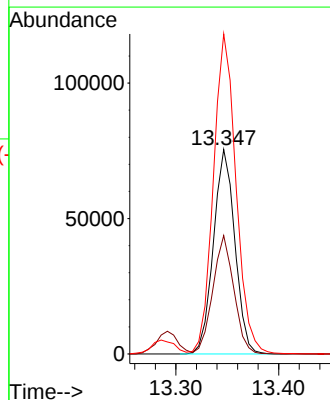
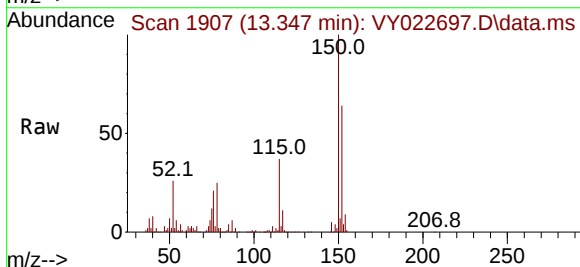
Tgt Ion:152 Resp: 109254

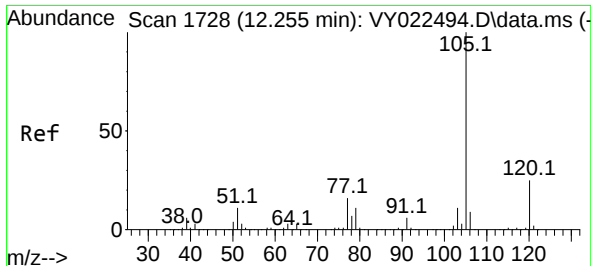
Ion Ratio Lower Upper

152 100

115 56.8 28.9 86.7

150 165.5 0.0 349.6

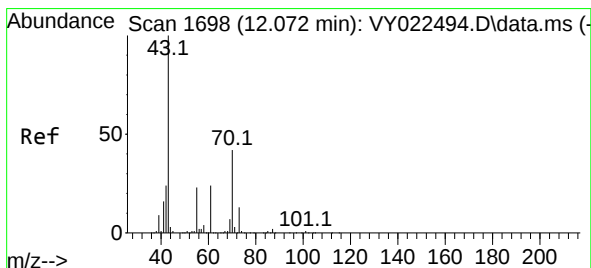
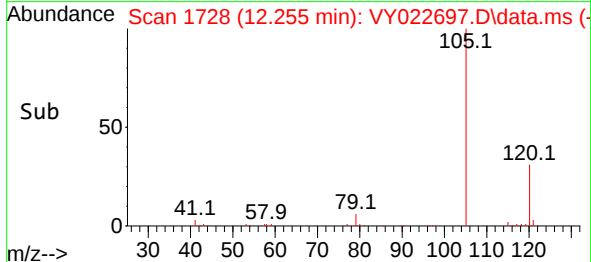
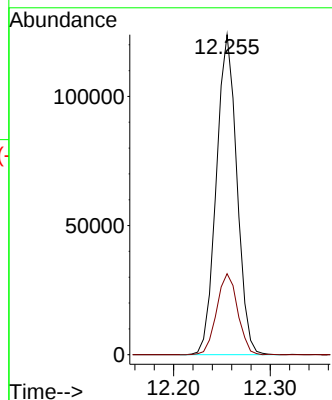
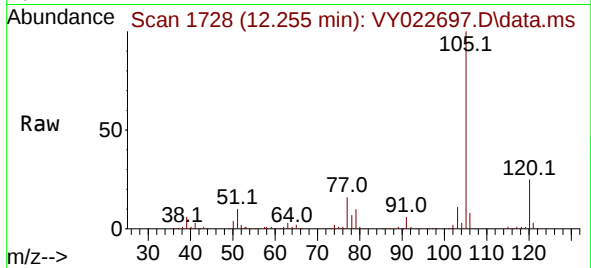




#73
Isopropylbenzene
Concen: 20.371 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

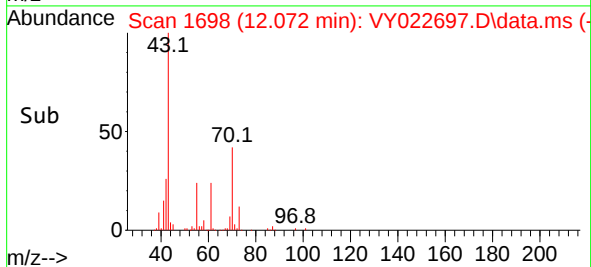
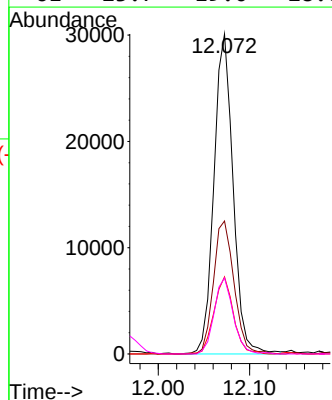
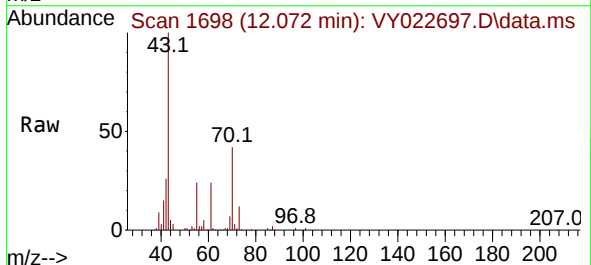
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion:105 Resp: 182723
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9



#74
N-ethyl acetate
Concen: 19.363 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 43 Resp: 43824
Ion Ratio Lower Upper
43 100
70 44.7 34.2 51.2
55 24.5 18.2 27.4
61 23.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.569 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

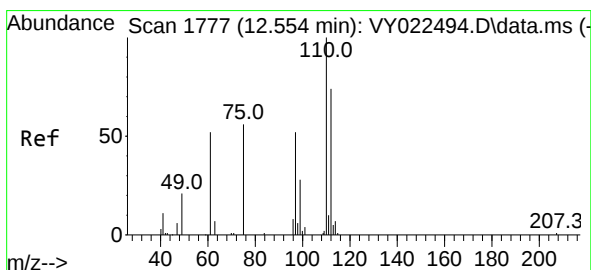
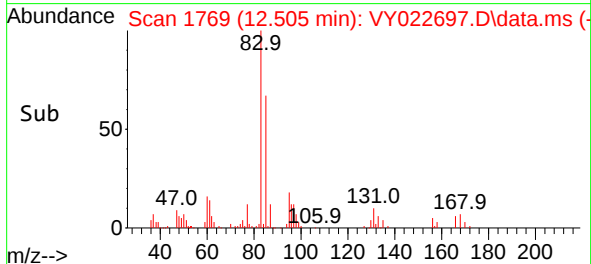
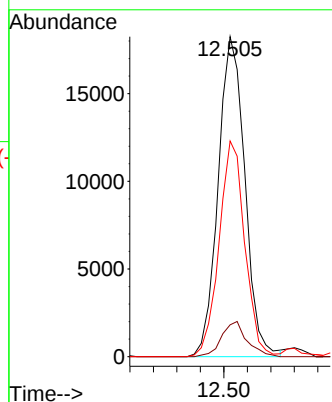
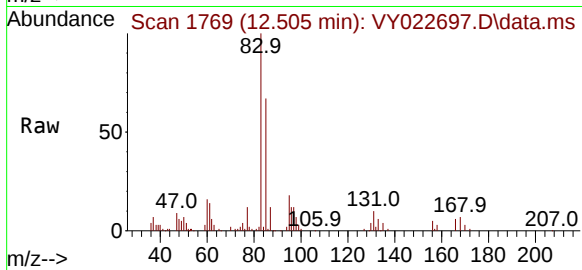
Tgt Ion: 83 Resp: 28808

Ion Ratio Lower Upper

83 100

131 10.5 4.9 14.7

85 64.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 35.199 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY022697.D

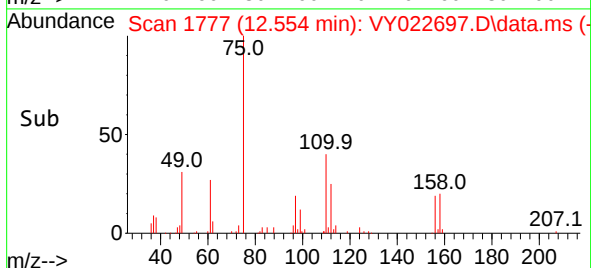
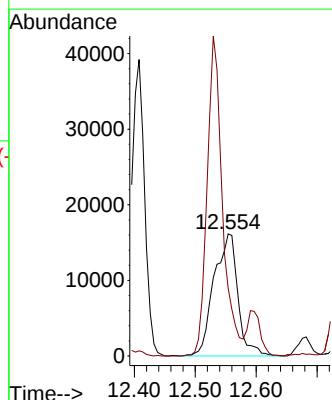
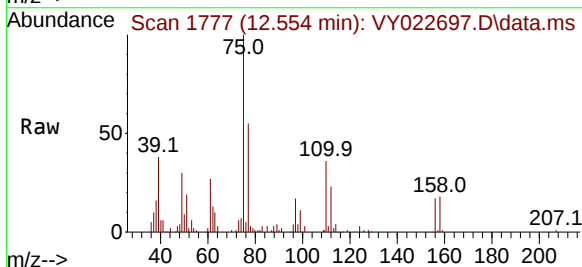
Acq: 16 Jun 2025 10:12

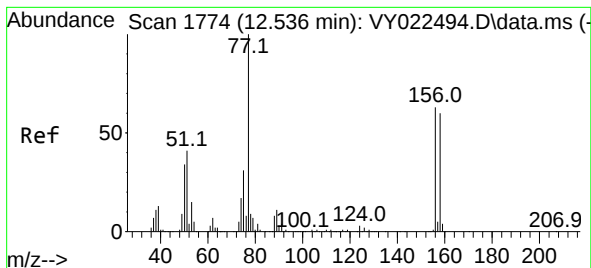
Tgt Ion: 75 Resp: 43995

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.616 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

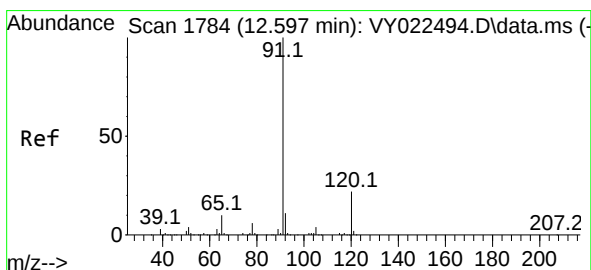
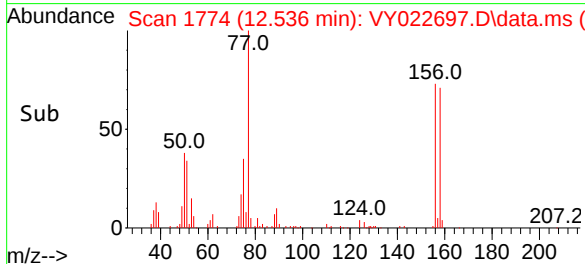
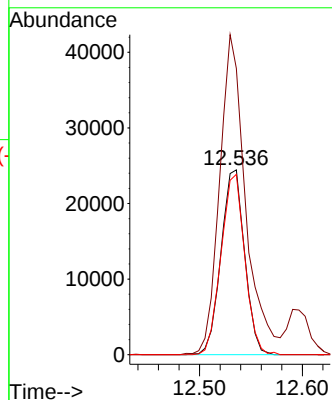
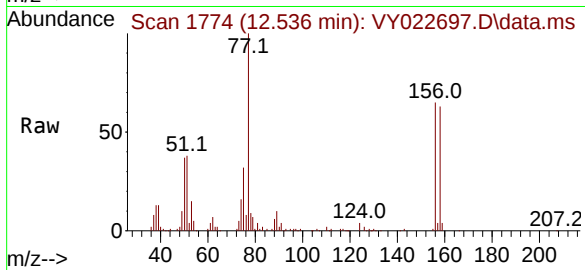
Tgt Ion:156 Resp: 39023

Ion Ratio Lower Upper

156 100

77 191.1 94.0 282.1

158 98.0 48.2 144.6



#78

n-propylbenzene

Concen: 20.241 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022697.D

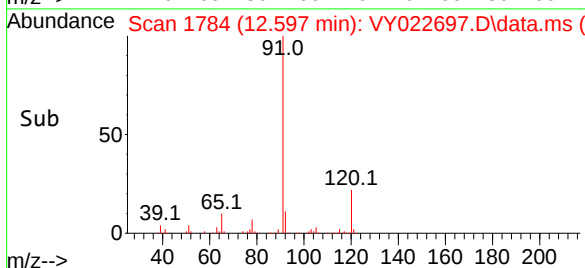
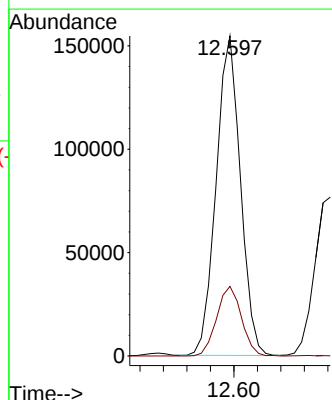
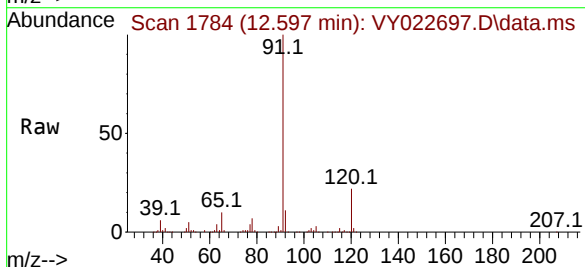
Acq: 16 Jun 2025 10:12

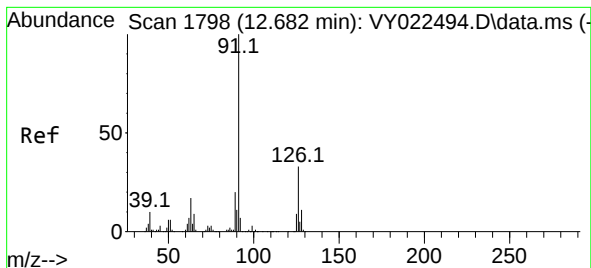
Tgt Ion: 91 Resp: 221750

Ion Ratio Lower Upper

91 100

120 22.2 10.8 32.4

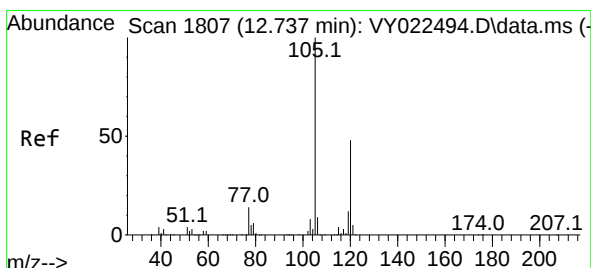
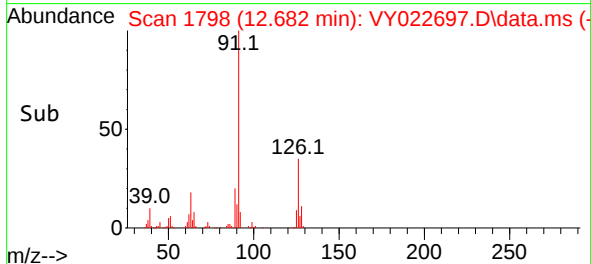
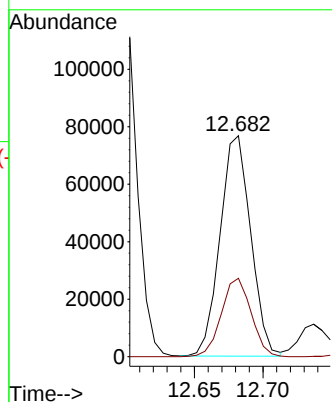
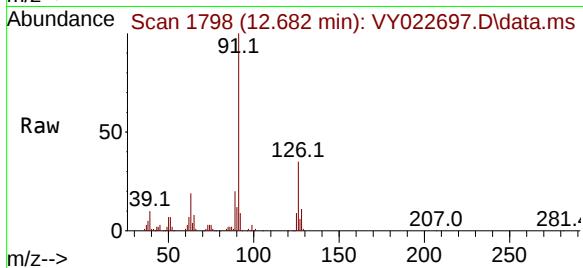




#79
2-Chlorotoluene
Concen: 20.562 ug/l
RT: 12.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

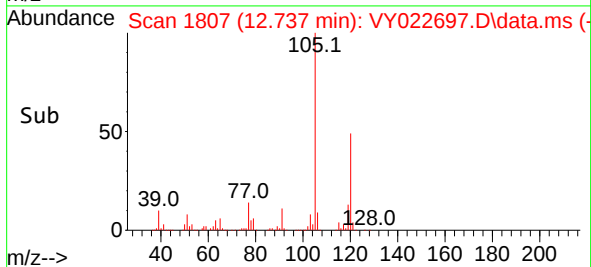
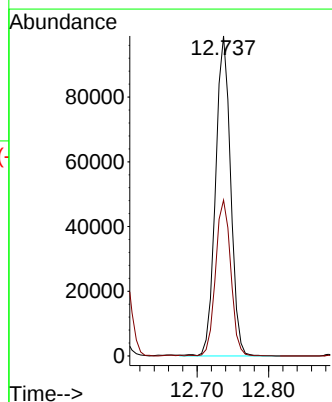
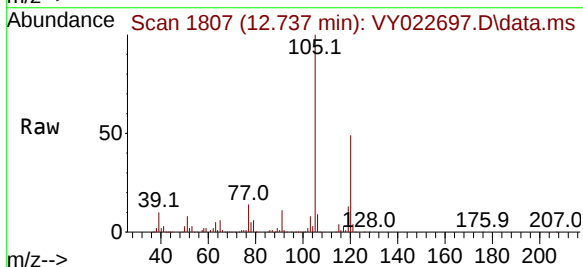
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

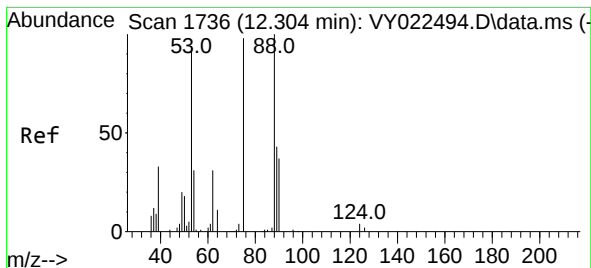
Tgt Ion: 91 Resp: 119393
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.508 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 105 Resp: 144419
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.4

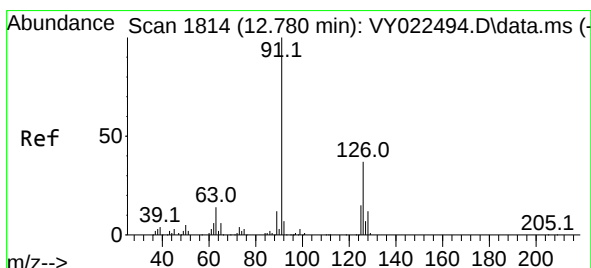
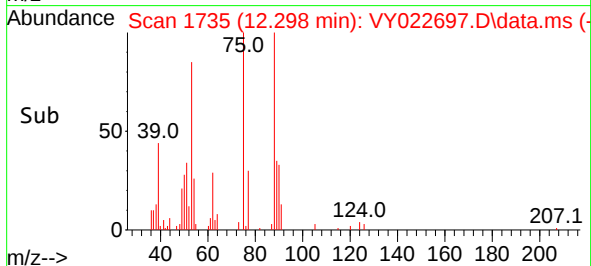
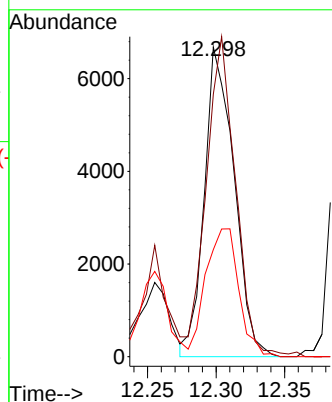
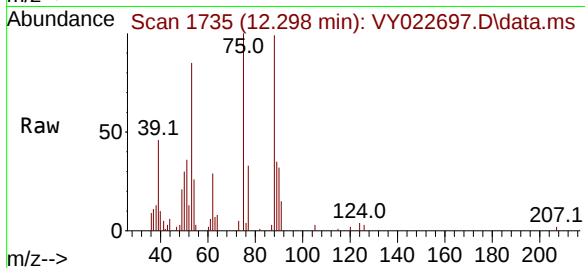




#81
trans-1,4-Dichloro-2-butene
Concen: 19.508 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

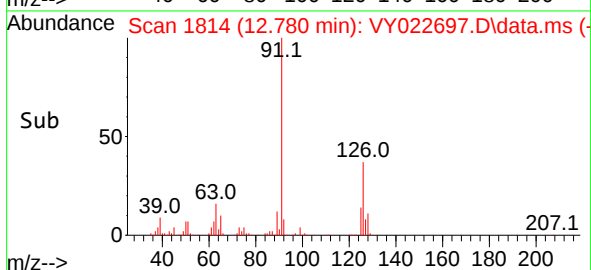
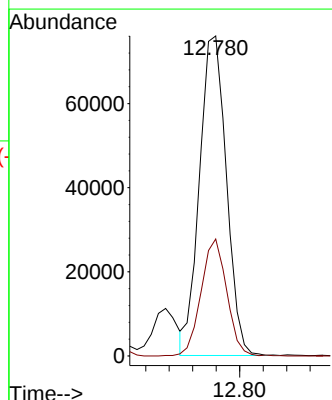
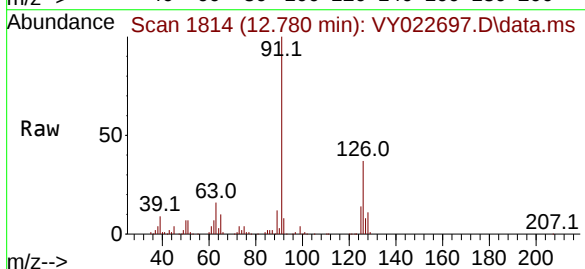
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

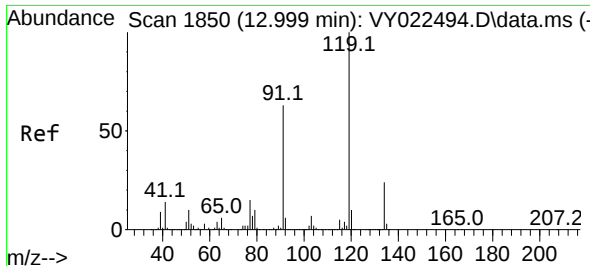
Tgt Ion: 75 Resp: 10097
Ion Ratio Lower Upper
75 100
53 100.4 78.5 117.7
89 45.9 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.145 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 91 Resp: 120666
Ion Ratio Lower Upper
91 100
126 35.0 17.0 50.9

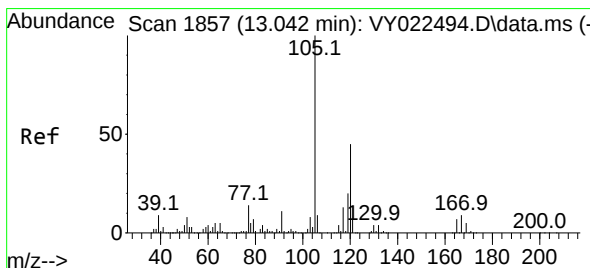
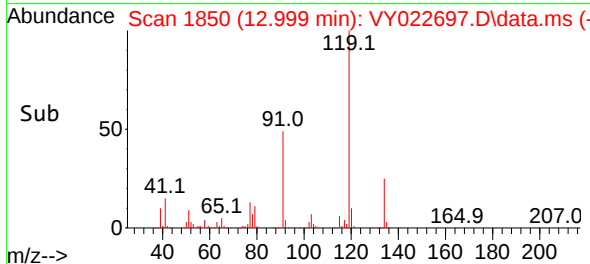
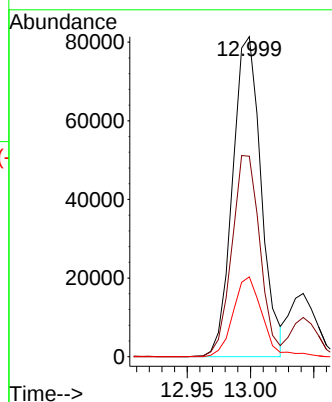
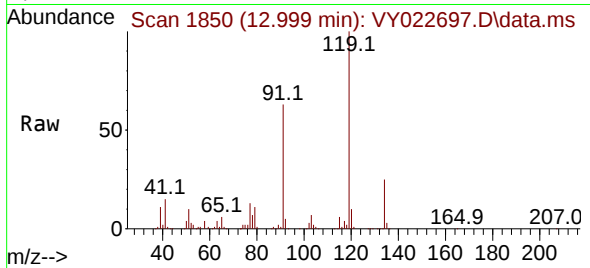




#83
 tert-Butylbenzene
 Concen: 20.260 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VY022697.D
 Acq: 16 Jun 2025 10:12

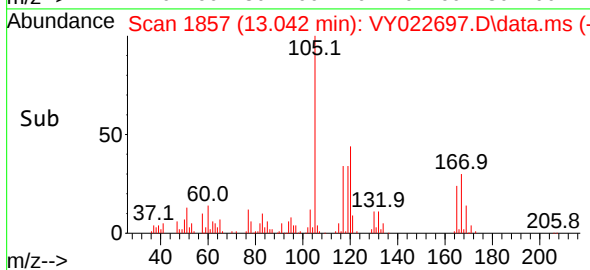
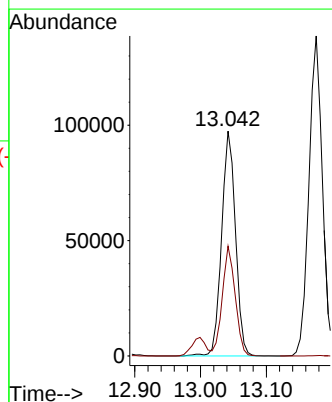
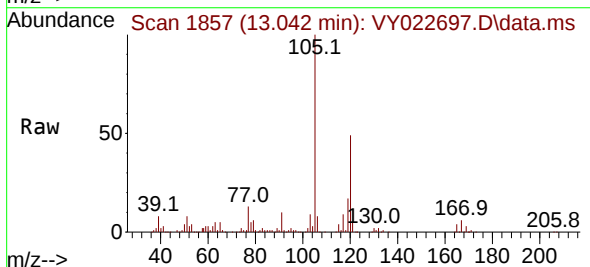
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

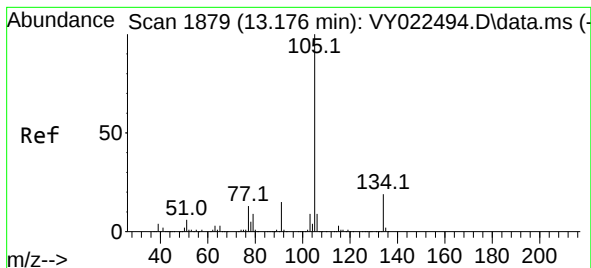
Tgt Ion:119 Resp: 128051
 Ion Ratio Lower Upper
 119 100
 91 62.0 32.1 96.3
 134 25.5 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.338 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022697.D
 Acq: 16 Jun 2025 10:12

Tgt Ion:105 Resp: 143246
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.289 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

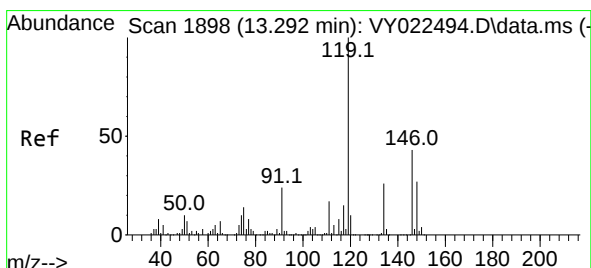
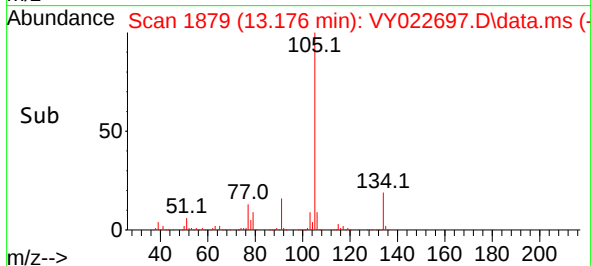
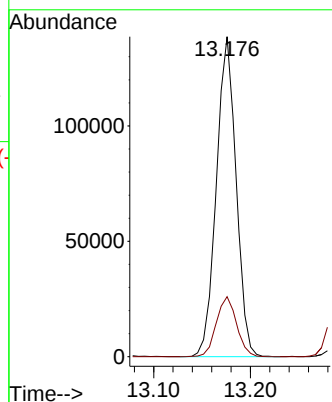
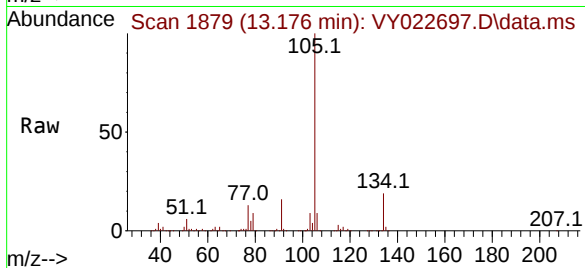
VY0616SBS01

Tgt Ion:105 Resp: 196393

Ion Ratio Lower Upper

105 100

134 19.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.794 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

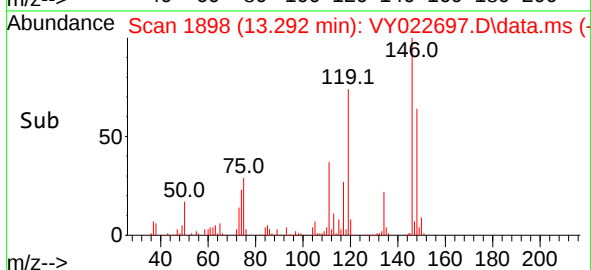
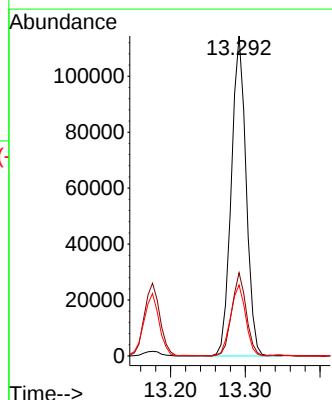
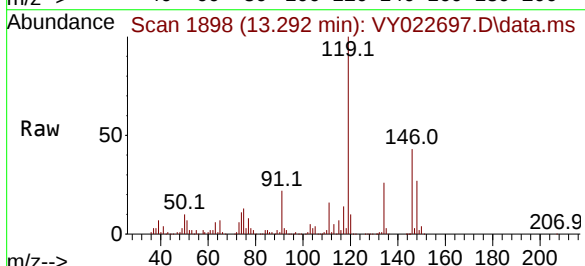
Tgt Ion:119 Resp: 157938

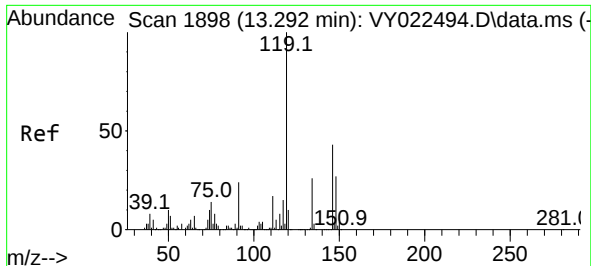
Ion Ratio Lower Upper

119 100

134 25.3 13.1 39.1

91 22.7 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.641 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

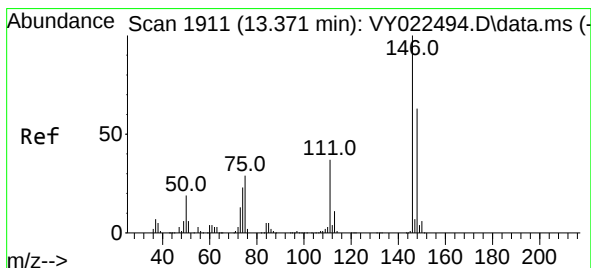
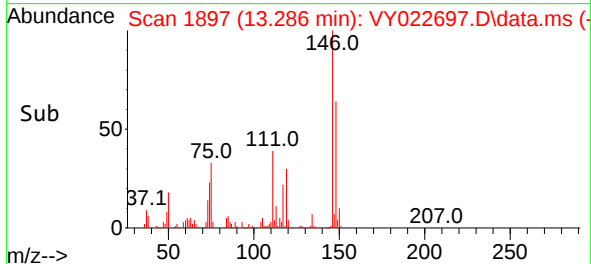
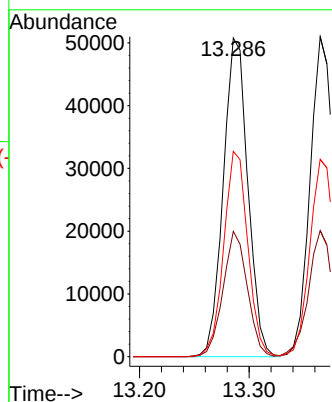
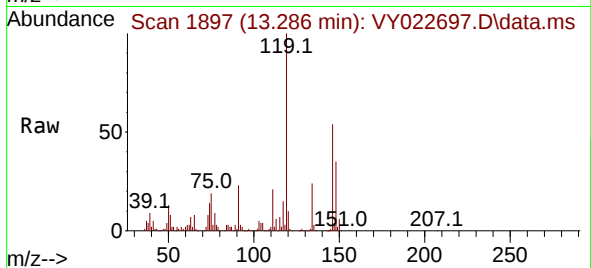
Tgt Ion:146 Resp: 79159

Ion Ratio Lower Upper

146 100

111 38.7 20.1 60.2

148 63.1 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.970 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

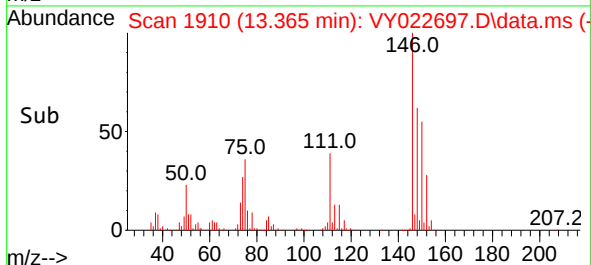
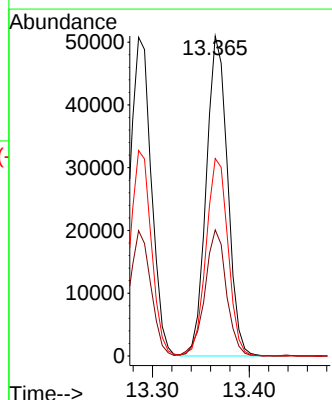
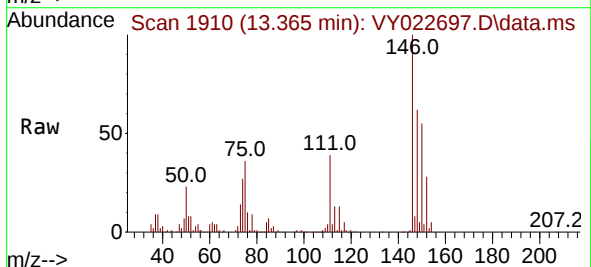
Tgt Ion:146 Resp: 78000

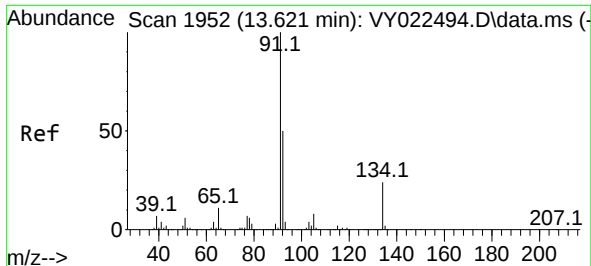
Ion Ratio Lower Upper

146 100

111 39.9 19.4 58.2

148 63.5 31.6 94.8

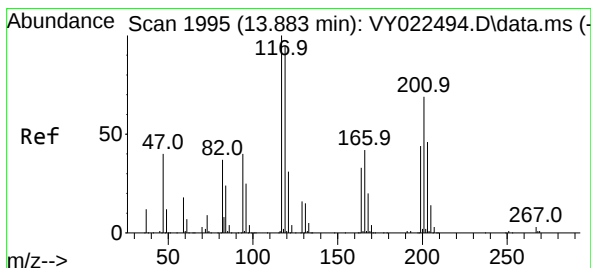
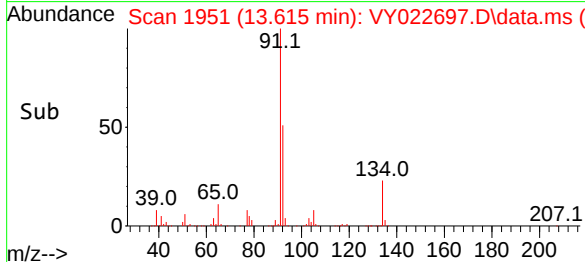
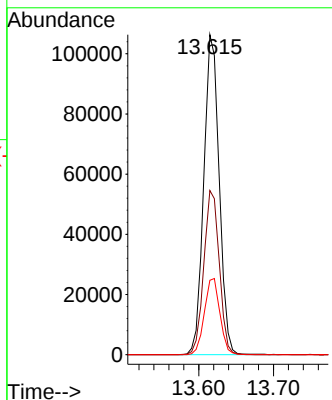
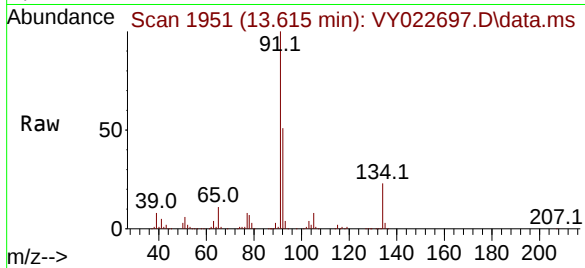




#89
n-Butylbenzene
Concen: 20.097 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

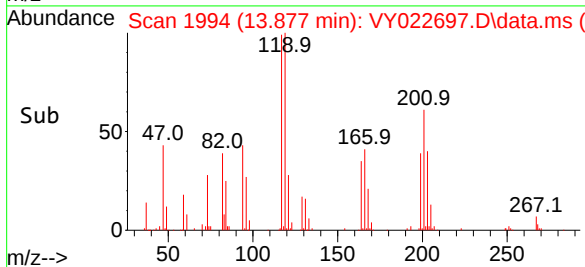
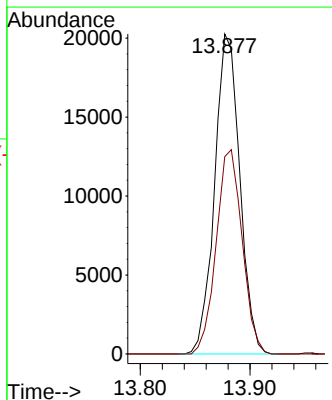
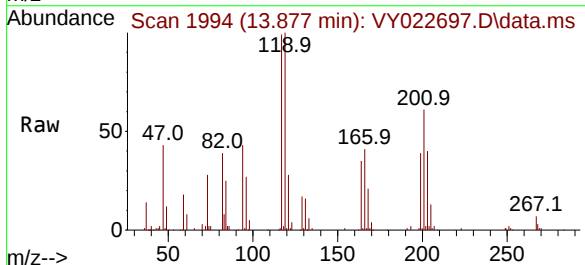
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

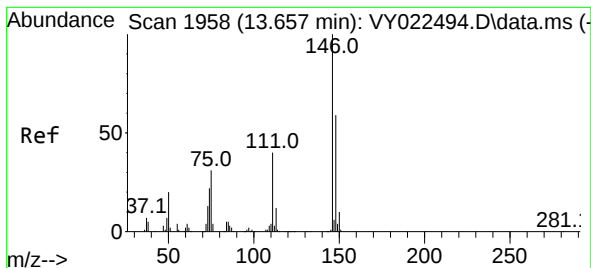
Tgt Ion: 91 Resp: 152139
Ion Ratio Lower Upper
91 100
92 51.5 25.9 77.8
134 24.0 12.0 36.1



#90
Hexachloroethane
Concen: 20.837 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022697.D
Acq: 16 Jun 2025 10:12

Tgt Ion: 117 Resp: 32367
Ion Ratio Lower Upper
117 100
201 65.8 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 20.464 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

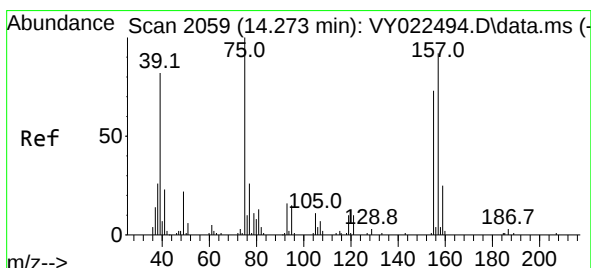
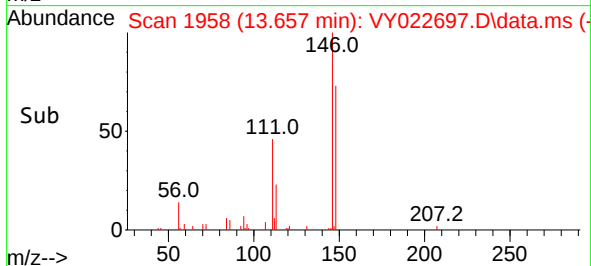
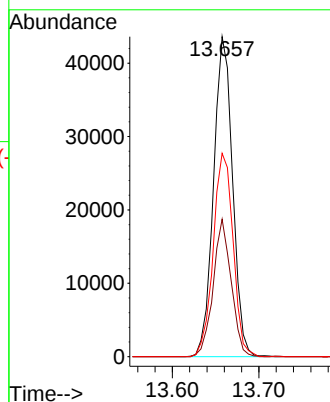
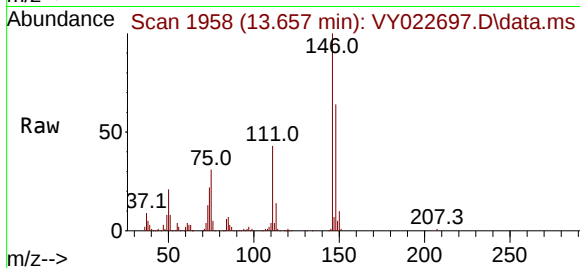
Tgt Ion:146 Resp: 66633

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.6

148 66.2 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.474 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

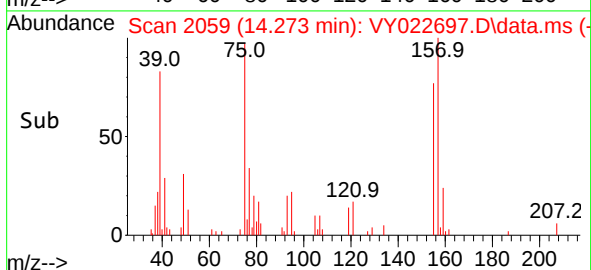
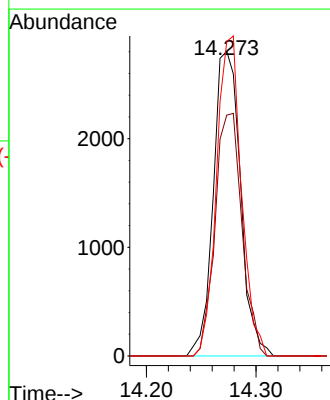
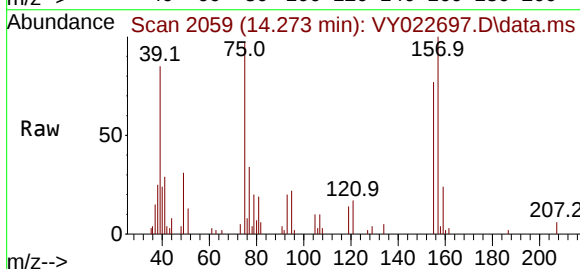
Tgt Ion: 75 Resp: 4817

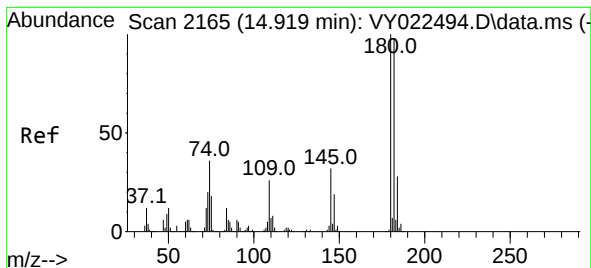
Ion Ratio Lower Upper

75 100

155 79.0 39.9 119.6

157 96.4 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 20.967 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

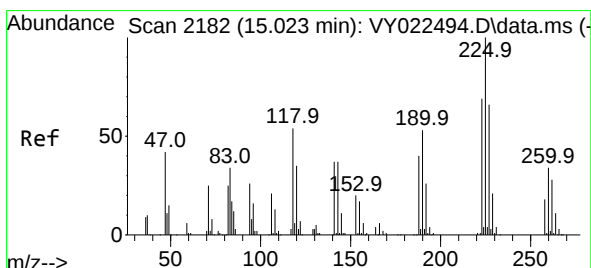
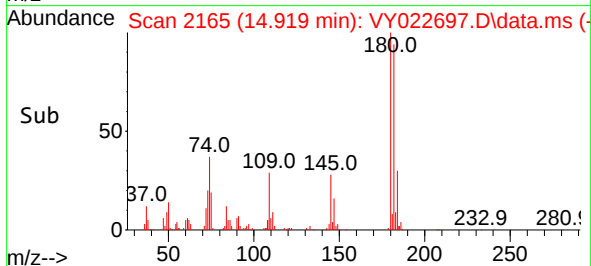
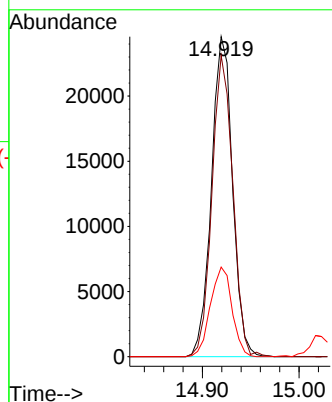
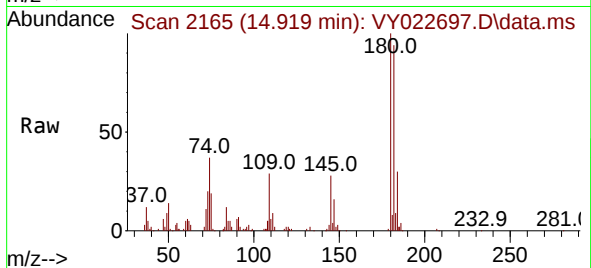
Tgt Ion:180 Resp: 37234

Ion Ratio Lower Upper

180 100

182 92.7 48.4 145.3

145 28.6 15.5 46.5



#94

Hexachlorobutadiene

Concen: 21.334 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

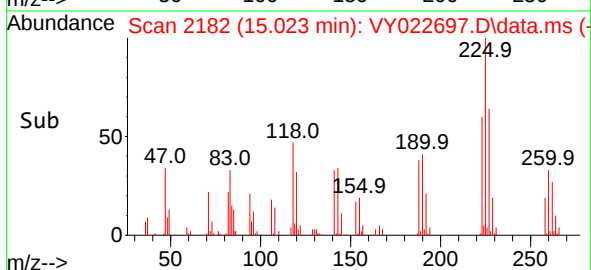
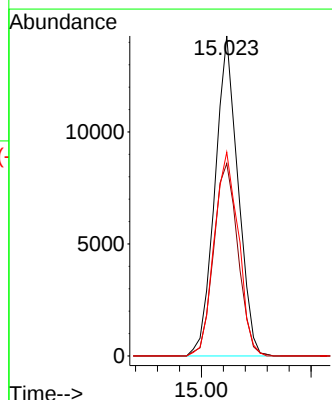
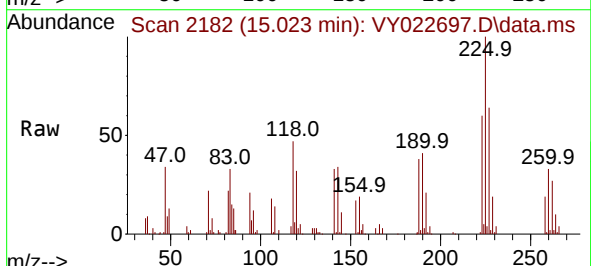
Tgt Ion:225 Resp: 20911

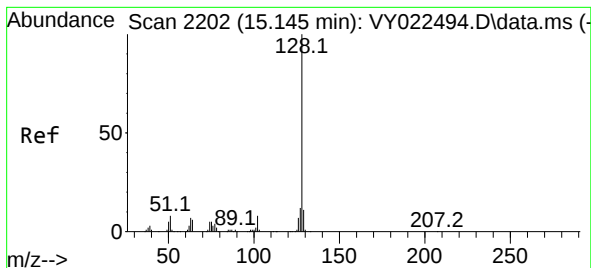
Ion Ratio Lower Upper

225 100

223 63.3 32.5 97.4

227 66.8 32.3 96.9





#95

Naphthalene

Concen: 19.971 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

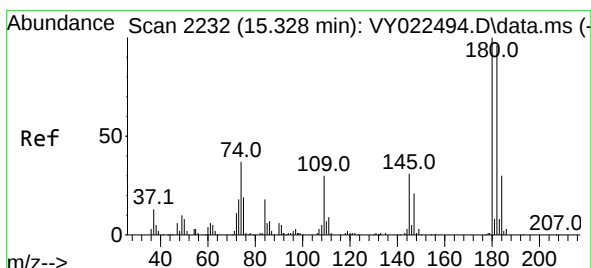
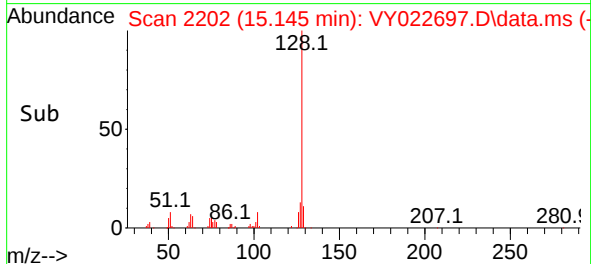
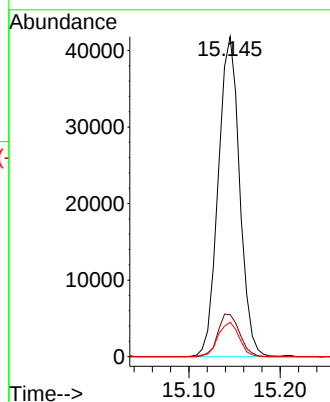
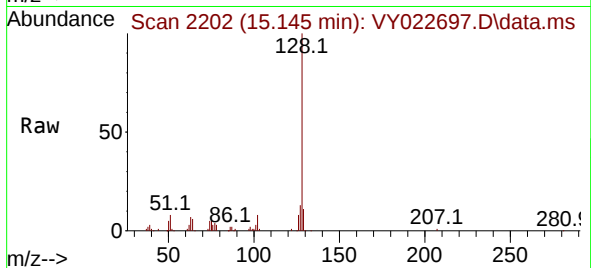
Tgt Ion:128 Resp: 68059

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 21.665 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022697.D

Acq: 16 Jun 2025 10:12

Tgt Ion:180 Resp: 32973

Ion Ratio Lower Upper

180 100

182 92.5 47.1 141.3

145 29.8 15.2 45.6

