

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021666.D
 Acq On : 27 Mar 2025 15:00
 Operator : SY/MD
 Sample : VY0327SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBSD01

Quant Time: Mar 28 03:59:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	232252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	372325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	328035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	164640	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	129513	51.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.940%	
35) Dibromofluoromethane	7.634	113	122132	50.568	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.140%	
50) Toluene-d8	10.103	98	469390	51.086	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.180%	
62) 4-Bromofluorobenzene	12.408	95	159069	51.183	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.360%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	48791	20.268	ug/l	99
3) Chloromethane	2.068	50	68271	20.169	ug/l	97
4) Vinyl Chloride	2.202	62	75378	19.691	ug/l	99
5) Bromomethane	2.592	94	52342	20.048	ug/l	98
6) Chloroethane	2.732	64	50999	20.360	ug/l	96
7) Trichlorofluoromethane	3.056	101	95945	19.566	ug/l	99
8) Diethyl Ether	3.458	74	25387	19.037	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	52062	20.130	ug/l	100
10) Methyl Iodide	4.001	142	52439	18.482	ug/l	99
11) Tert butyl alcohol	4.854	59	14706	89.975	ug/l	98
12) 1,1-Dichloroethene	3.787	96	47269	19.404	ug/l	95
13) Acrolein	3.647	56	27469	92.041	ug/l	97
14) Allyl chloride	4.385	41	77644	19.990	ug/l	99
15) Acrylonitrile	5.055	53	52164	93.684	ug/l	99
16) Acetone	3.866	43	48063	93.325	ug/l	100
17) Carbon Disulfide	4.104	76	158153	19.710	ug/l	98
18) Methyl Acetate	4.385	43	23466	18.385	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	115053	18.970	ug/l	97
20) Methylene Chloride	4.616	84	57497	20.537	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	53471	19.935	ug/l	99
22) Diisopropyl ether	6.018	45	165737	20.341	ug/l	98
23) Vinyl Acetate	5.957	43	463138	97.164	ug/l	100
24) 1,1-Dichloroethane	5.915	63	97753	20.064	ug/l	98
25) 2-Butanone	6.896	43	68739	93.448	ug/l	100
26) 2,2-Dichloropropane	6.884	77	84849	19.578	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	61876	20.513	ug/l	96
28) Bromochloromethane	7.244	49	40861	19.886	ug/l	99
29) Tetrahydrofuran	7.262	42	43436	91.750	ug/l	99
30) Chloroform	7.421	83	100128	19.759	ug/l	98
31) Cyclohexane	7.701	56	86177	19.404	ug/l #	91
32) 1,1,1-Trichloroethane	7.616	97	88474	19.317	ug/l	99
36) 1,1-Dichloropropene	7.835	75	72676	19.756	ug/l	99
37) Ethyl Acetate	6.982	43	32149	18.517	ug/l	99
38) Carbon Tetrachloride	7.817	117	81677	19.385	ug/l	98
39) Methylcyclohexane	9.109	83	86879	19.769	ug/l	98
40) Benzene	8.079	78	216171	19.622	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	13586	14.735	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	60860	19.595	ug/l	99
43) Isopropyl Acetate	8.195	43	59922	18.213	ug/l	98
44) Trichloroethene	8.866	130	55661	19.829	ug/l	96
45) 1,2-Dichloropropane	9.140	63	51637	19.801	ug/l	97
46) Dibromomethane	9.231	93	29265	19.472	ug/l	94
47) Bromodichloromethane	9.426	83	76792	19.719	ug/l	98
48) Methyl methacrylate	9.219	41	27619	18.290	ug/l	98
49) 1,4-Dioxane	9.231	88	6410	398.133	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	153733	89.788	ug/l	99
52) Toluene	10.170	92	138476	20.146	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	66412	19.200	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	78242	19.174	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	37197	19.232	ug/l	97
56) Ethyl methacrylate	10.438	69	47265	19.139	ug/l	97
57) 1,3-Dichloropropane	10.719	76	62665	18.761	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	115948	96.242	ug/l	99
59) 2-Hexanone	10.762	43	103192	90.497	ug/l	100
60) Dibromochloromethane	10.908	129	50528	19.135	ug/l	100
61) 1,2-Dibromoethane	11.018	107	34895	19.233	ug/l	98
64) Tetrachloroethene	10.646	164	59459	19.902	ug/l	98
65) Chlorobenzene	11.444	112	147478	19.612	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	51767	19.403	ug/l	99
67) Ethyl Benzene	11.517	91	254629	19.747	ug/l	99
68) m/p-Xylenes	11.627	106	194225	39.335	ug/l	98
69) o-Xylene	11.956	106	90365	19.826	ug/l	98
70) Styrene	11.969	104	151292	19.908	ug/l	99
71) Bromoform	12.133	173	28892	18.985	ug/l #	99
73) Isopropylbenzene	12.255	105	238083	19.470	ug/l	99
74) N-amyl acetate	12.072	43	52180	18.182	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	40453	18.400	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	54821	33.591	ug/l #	100
77) Bromobenzene	12.530	156	57925	19.729	ug/l	97
78) n-propylbenzene	12.597	91	297608	20.243	ug/l	100
79) 2-Chlorotoluene	12.682	91	170873	20.011	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	202211	20.233	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	13175	18.601	ug/l	99
82) 4-Chlorotoluene	12.779	91	178523	20.054	ug/l	100
83) tert-Butylbenzene	12.999	119	175516	19.717	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	201672	20.417	ug/l	98
85) sec-Butylbenzene	13.176	105	261271	20.084	ug/l	99
86) p-Isopropyltoluene	13.292	119	220548	20.512	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	115428	19.955	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	115889	20.278	ug/l	99
89) n-Butylbenzene	13.615	91	200386	20.152	ug/l	100
90) Hexachloroethane	13.883	117	46080	19.557	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	100799	20.018	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5947	17.452	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	56258	20.602	ug/l	100
94) Hexachlorobutadiene	15.023	225	36091	21.162	ug/l	98
95) Naphthalene	15.145	128	85805	18.957	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	47143	20.245	ug/l	99

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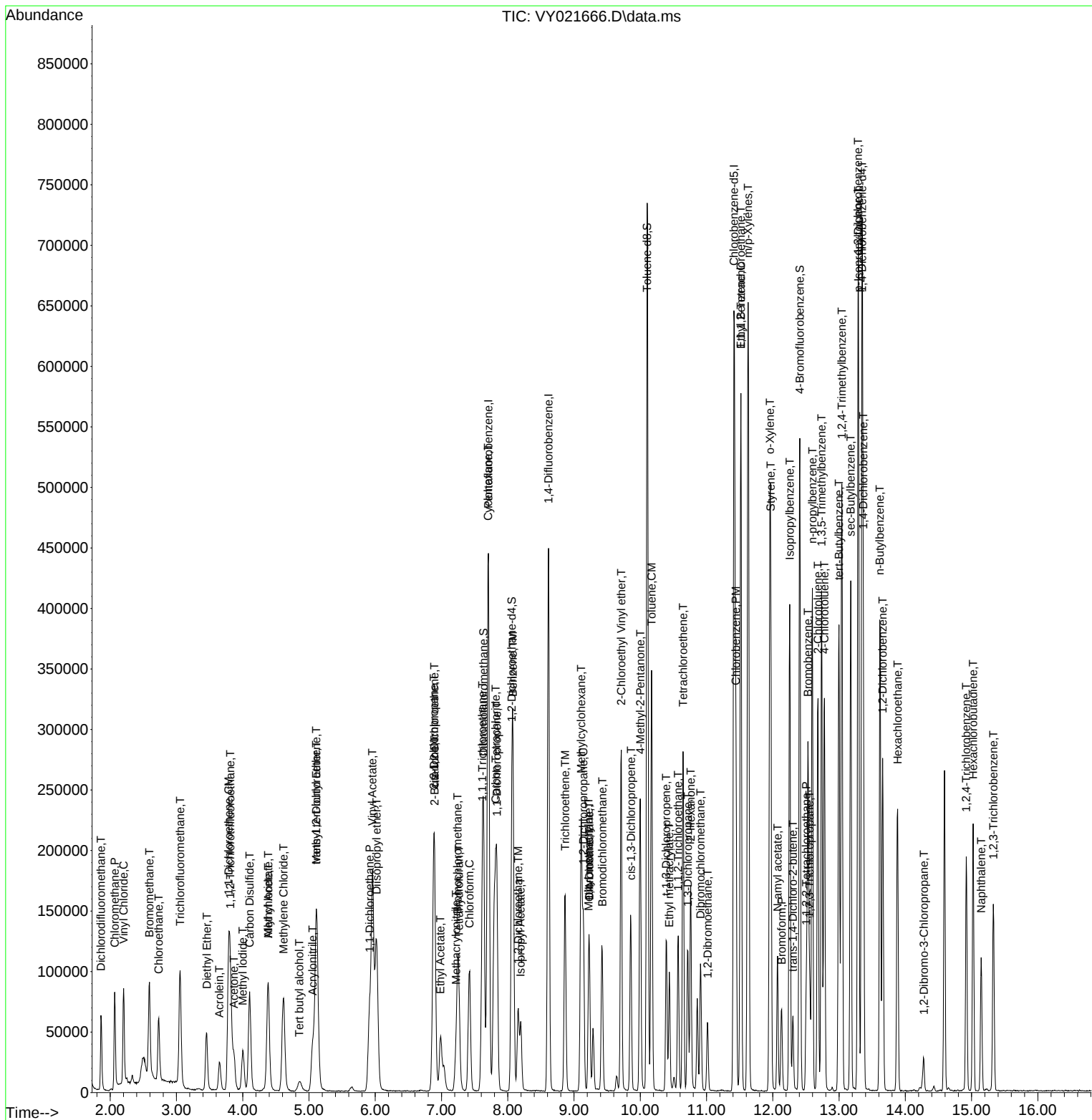
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MSVOA_Y
ClientSampleId :
VY0327SBSD01

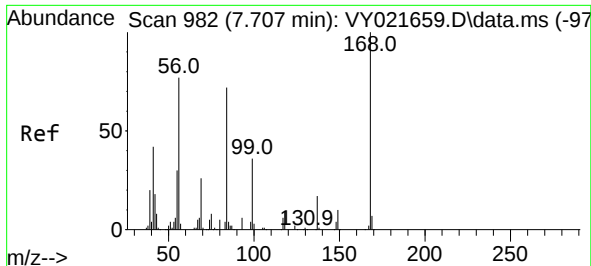
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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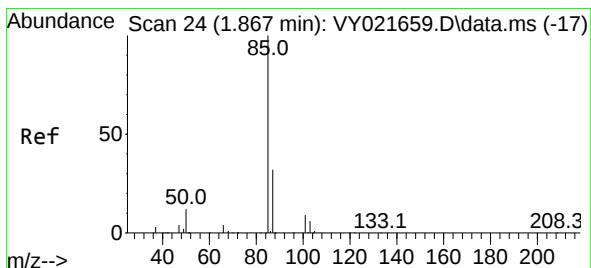
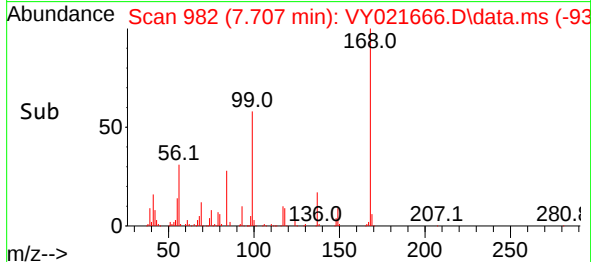
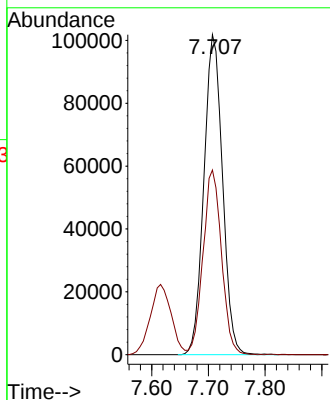
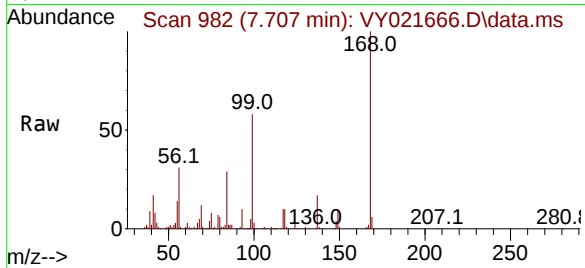




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021666.D
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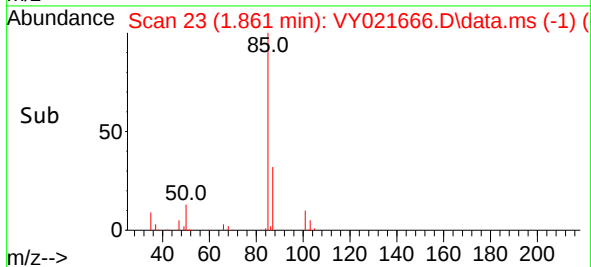
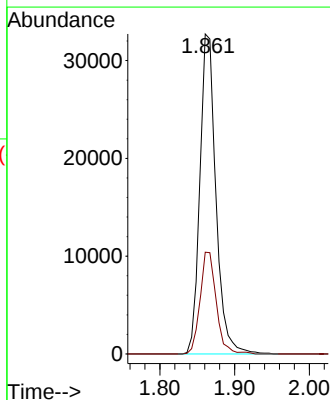
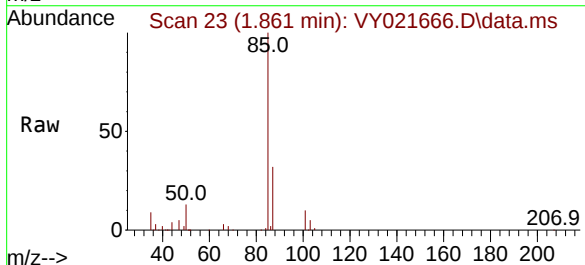
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

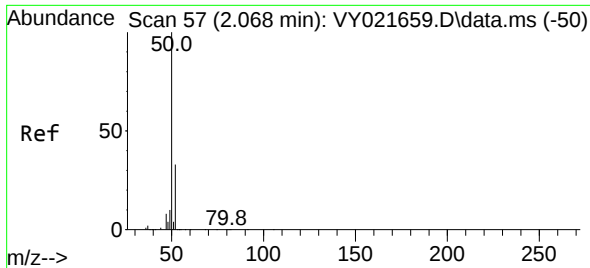
Tgt Ion:168 Resp: 232252
Ion Ratio Lower Upper
168 100
99 57.7 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 20.268 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 85 Resp: 48791
Ion Ratio Lower Upper
85 100
87 31.8 16.2 48.6

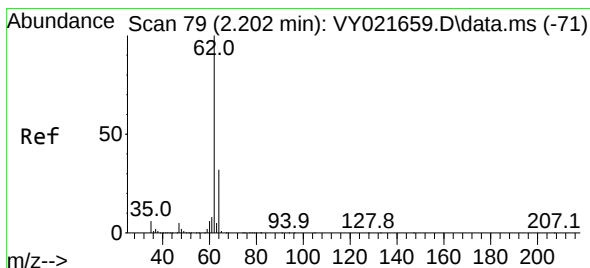
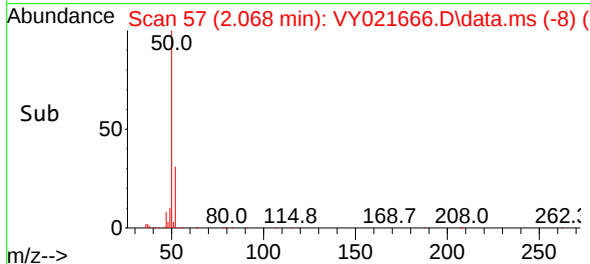
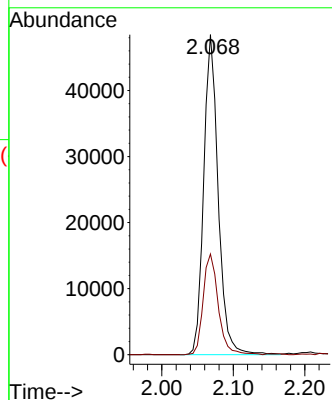
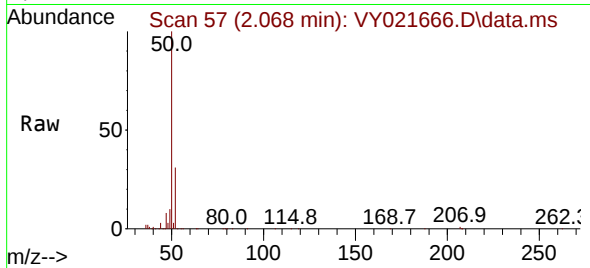




#3
Chloromethane
Concen: 20.169 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

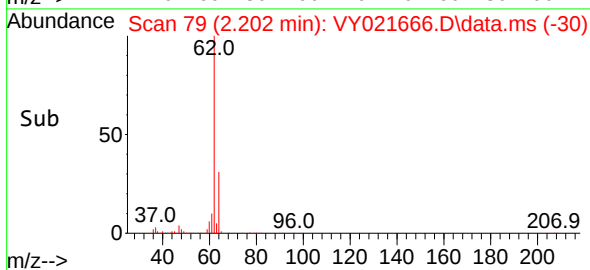
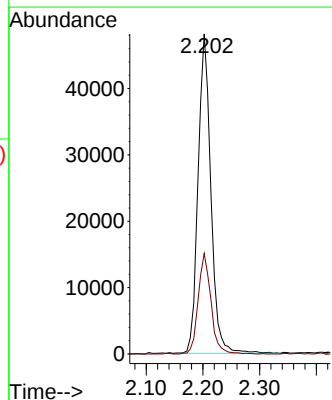
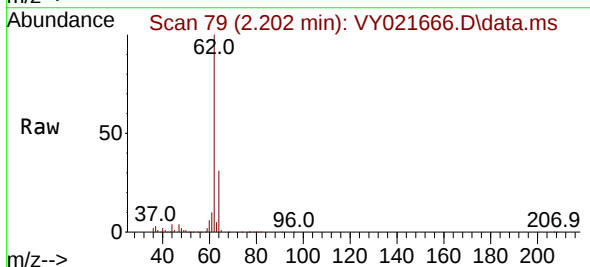
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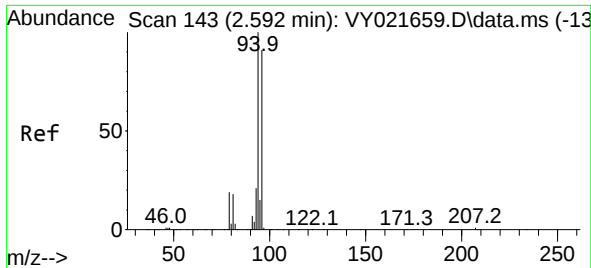
Tgt Ion: 50 Resp: 68271
Ion Ratio Lower Upper
50 100
52 31.4 26.3 39.5



#4
Vinyl Chloride
Concen: 19.691 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 62 Resp: 75378
Ion Ratio Lower Upper
62 100
64 31.5 25.5 38.3

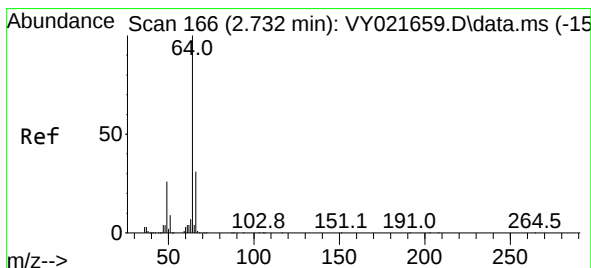
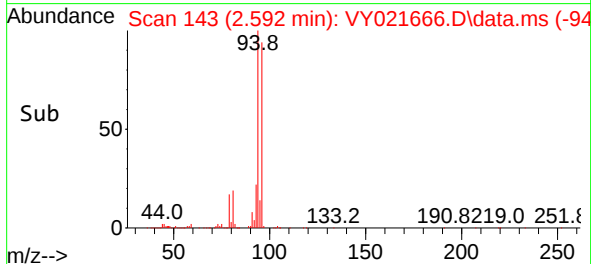
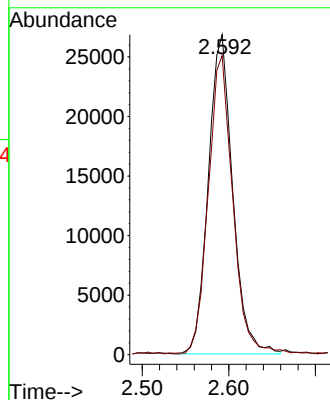
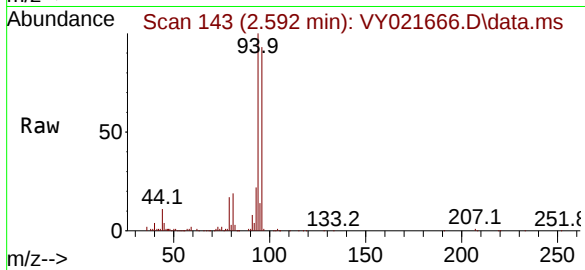




#5
Bromomethane
Concen: 20.048 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

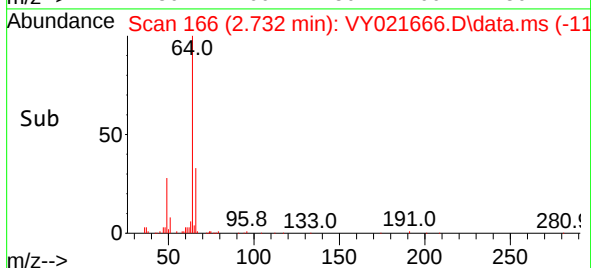
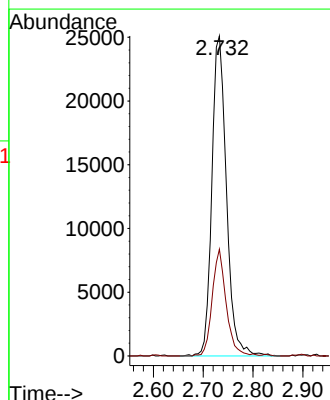
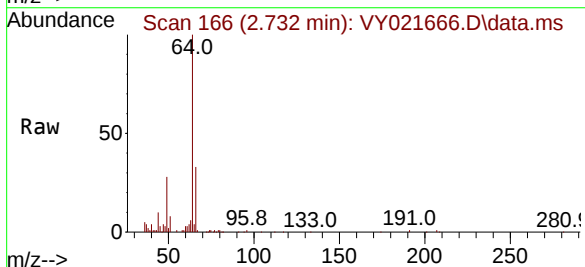
Instrument :
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Tgt Ion: 94 Resp: 52342
Ion Ratio Lower Upper
94 100
96 93.1 72.8 109.2



#6
Chloroethane
Concen: 20.360 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 64 Resp: 50999
Ion Ratio Lower Upper
64 100
66 33.3 24.9 37.3

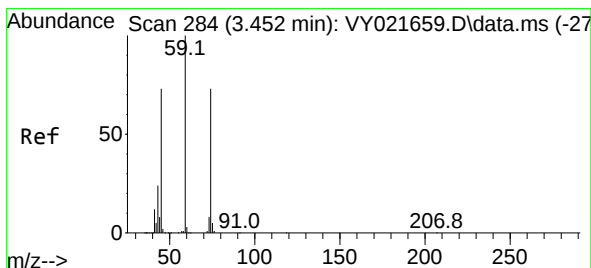
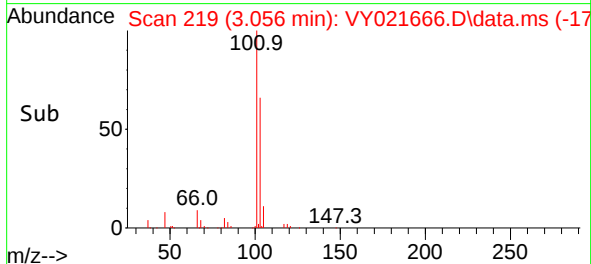
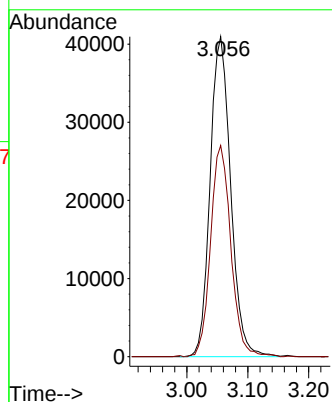
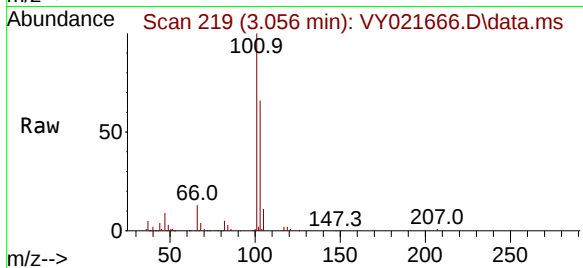




#7
 Trichlorofluoromethane
 Concen: 19.566 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021666.D
 Acq: 27 Mar 2025 15:00

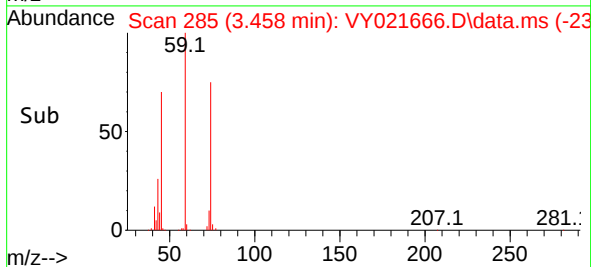
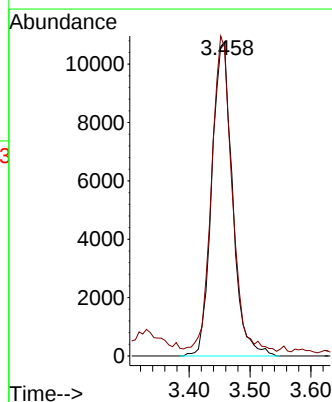
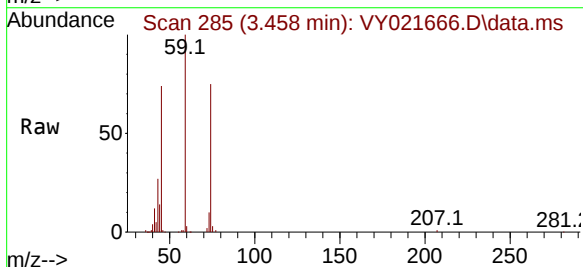
Instrument :
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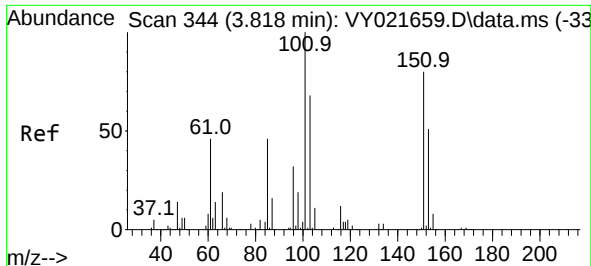
Tgt Ion:101 Resp: 95945
 Ion Ratio Lower Upper
 101 100
 103 66.0 53.1 79.7



#8
 Diethyl Ether
 Concen: 19.037 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021666.D
 Acq: 27 Mar 2025 15:00

Tgt Ion: 74 Resp: 25387
 Ion Ratio Lower Upper
 74 100
 45 99.3 48.6 145.8

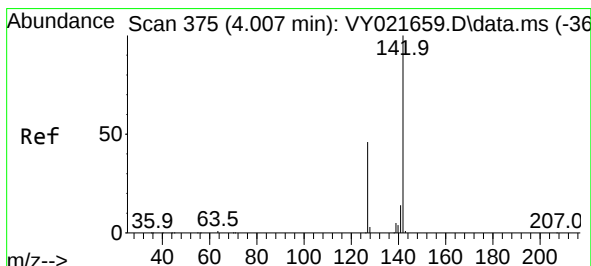
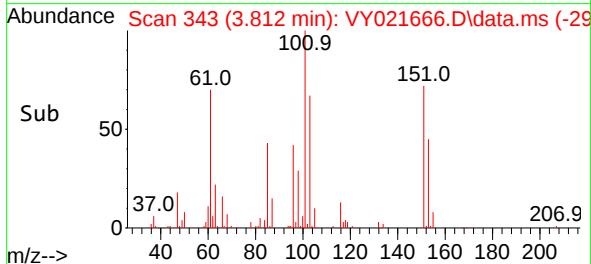
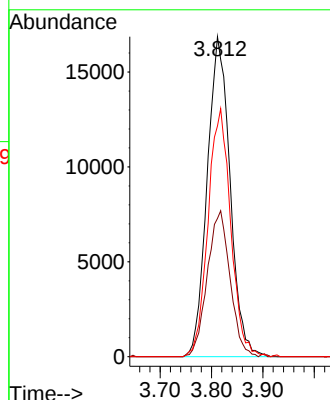
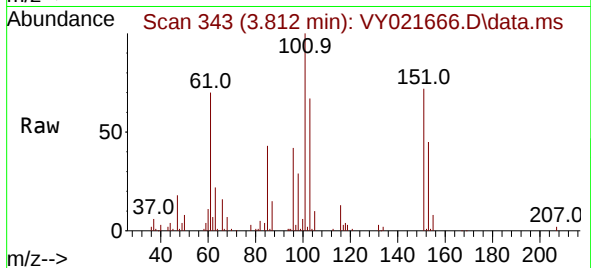




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.130 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

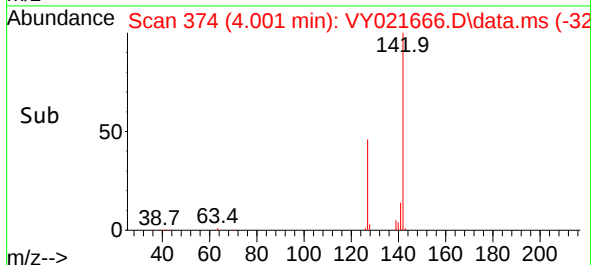
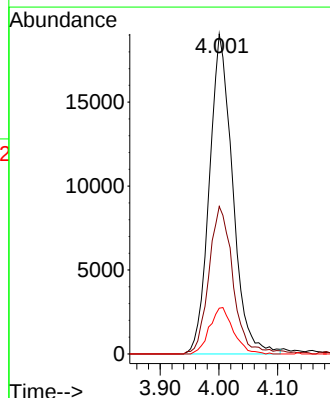
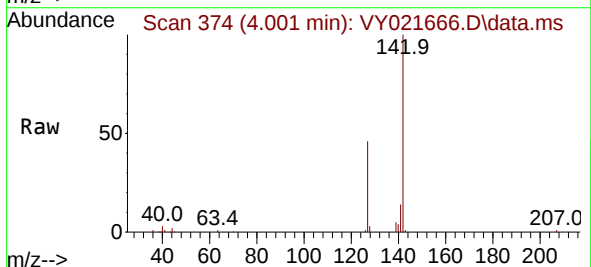
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

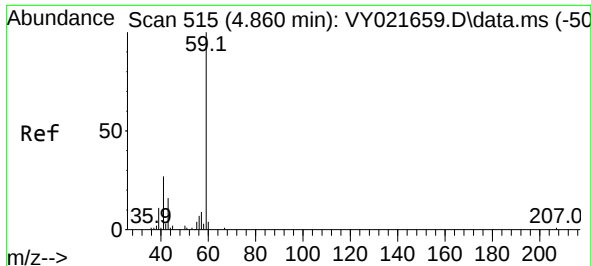
Tgt Ion:101 Resp: 52062
Ion Ratio Lower Upper
101 100
85 45.4 36.3 54.5
151 77.0 61.3 91.9



#10
Methyl Iodide
Concen: 18.482 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion:142 Resp: 52439
Ion Ratio Lower Upper
142 100
127 48.1 38.7 58.1
141 14.8 11.5 17.3

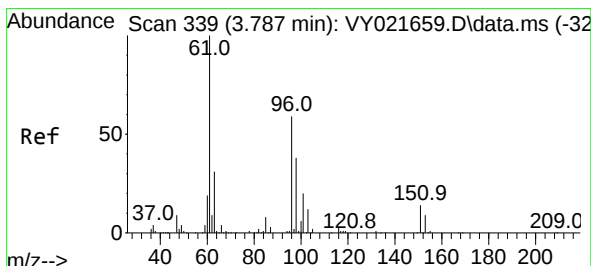
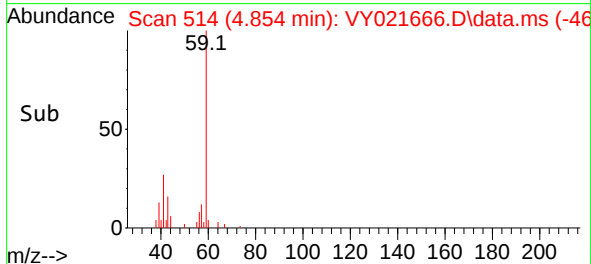
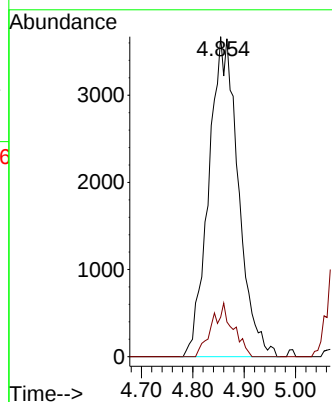
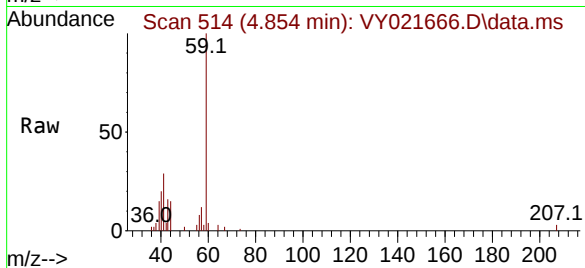




#11
Tert butyl alcohol
Concen: 89.975 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

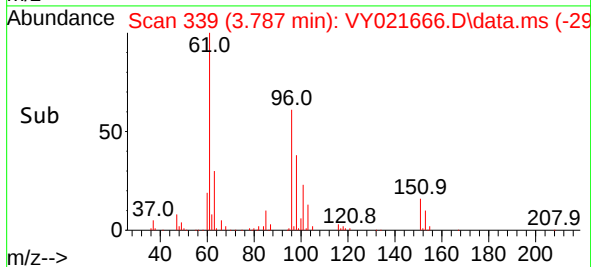
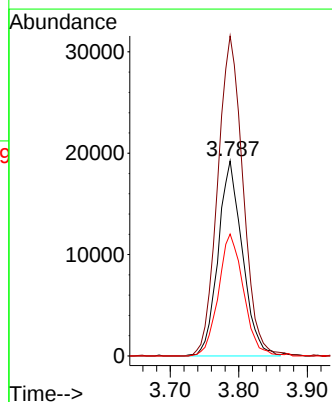
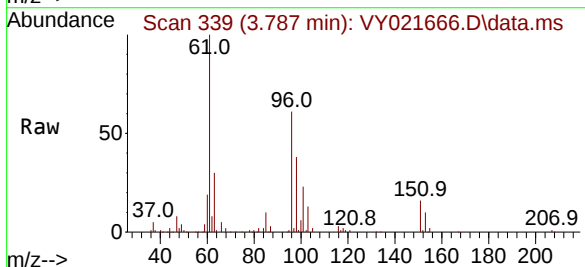
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

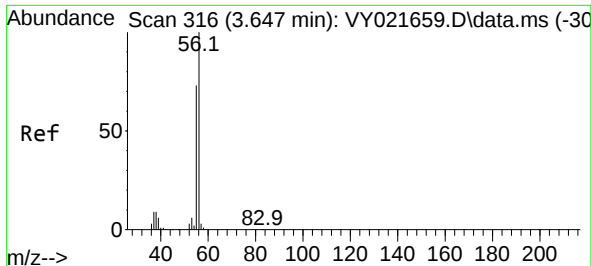
Tgt Ion: 59 Resp: 14706
Ion Ratio Lower Upper
59 100
57 12.1 9.2 13.8



#12
1,1-Dichloroethene
Concen: 19.404 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 96 Resp: 47269
Ion Ratio Lower Upper
96 100
61 164.1 136.6 204.8
98 62.5 52.3 78.5

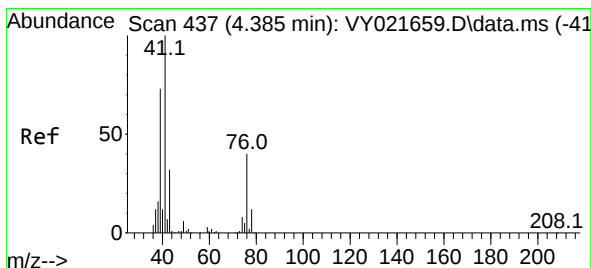
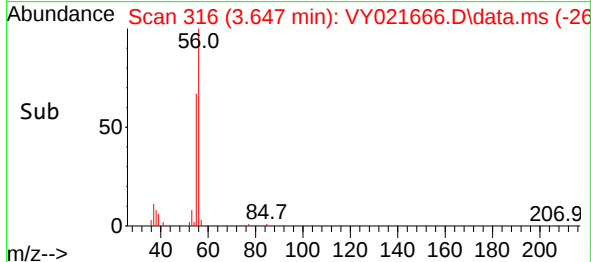
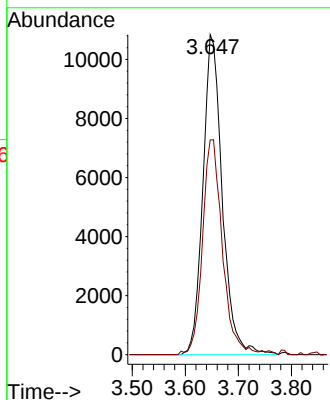
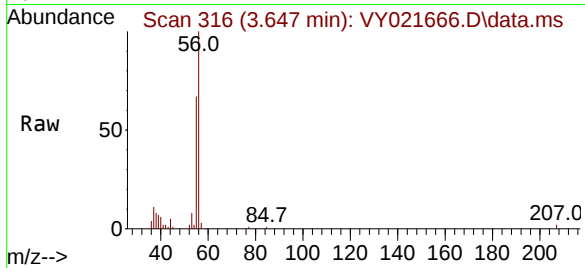




#13
Acrolein
Concen: 92.041 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

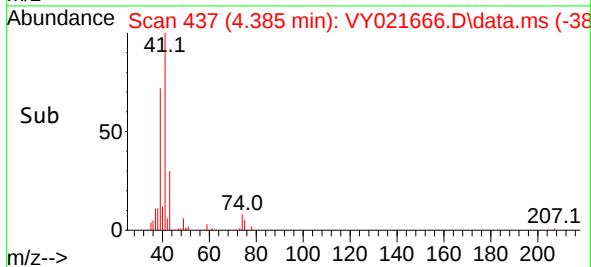
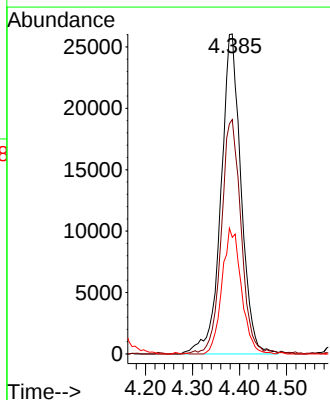
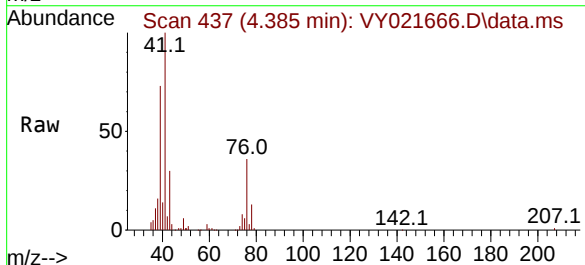
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

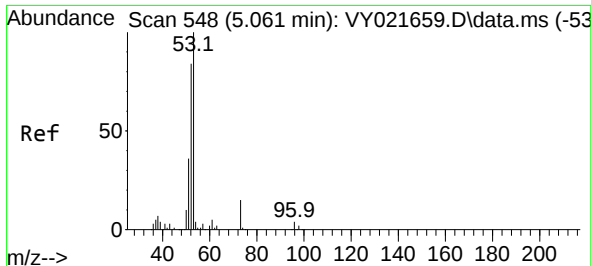
Tgt Ion: 56 Resp: 27469
Ion Ratio Lower Upper
56 100
55 68.7 56.6 85.0



#14
Allyl chloride
Concen: 19.990 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 41 Resp: 77644
Ion Ratio Lower Upper
41 100
39 72.1 58.6 88.0
76 37.8 30.3 45.5

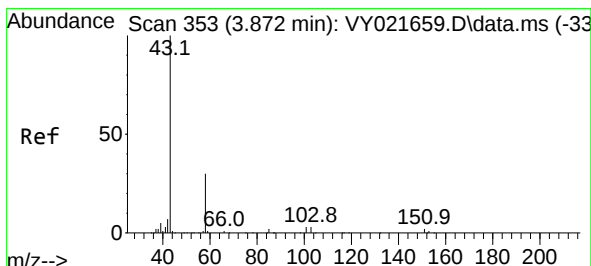
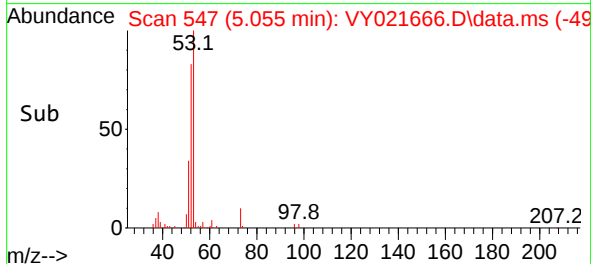
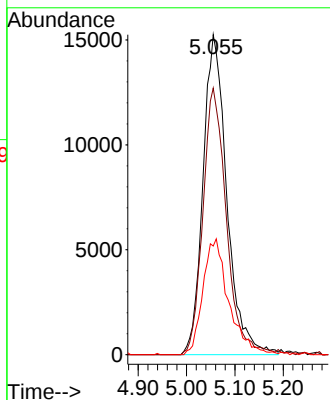
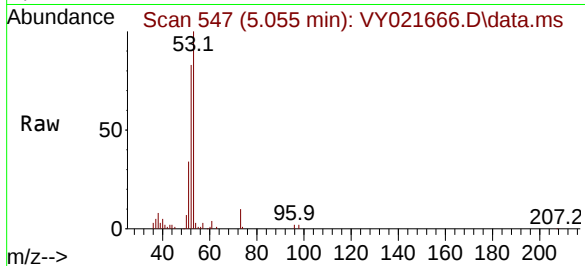




#15
Acrylonitrile
Concen: 93.684 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

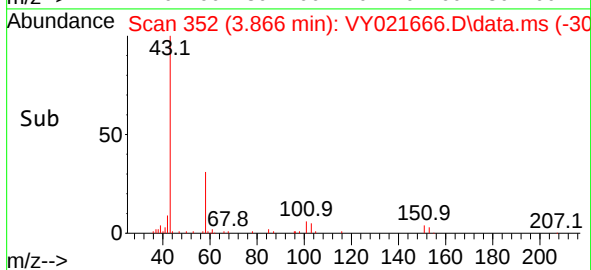
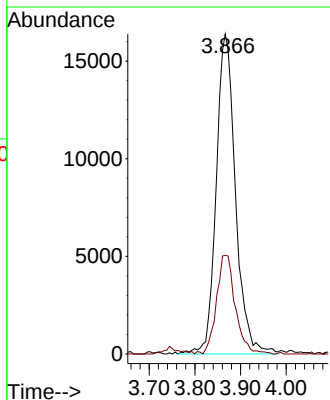
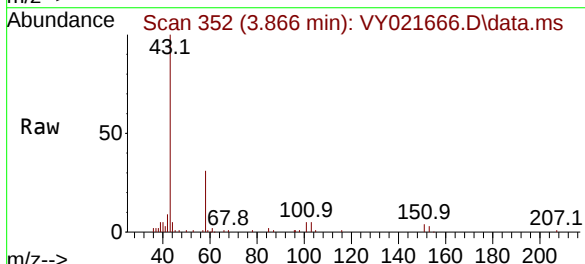
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

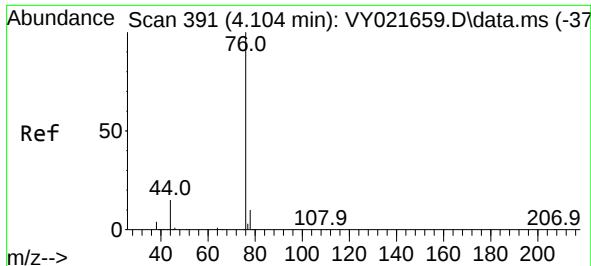
Tgt Ion: 53 Resp: 52164
Ion Ratio Lower Upper
53 100
52 82.0 64.9 97.3
51 39.3 30.2 45.2



#16
Acetone
Concen: 93.325 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 43 Resp: 48063
Ion Ratio Lower Upper
43 100
58 30.5 24.2 36.4

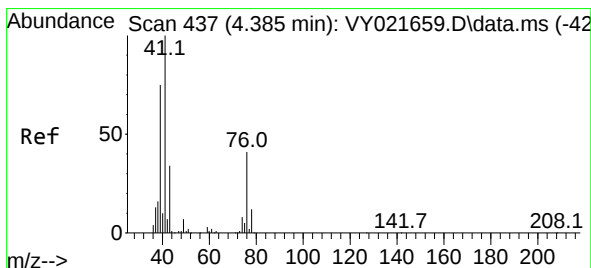
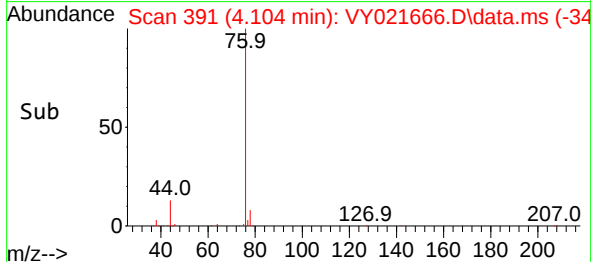
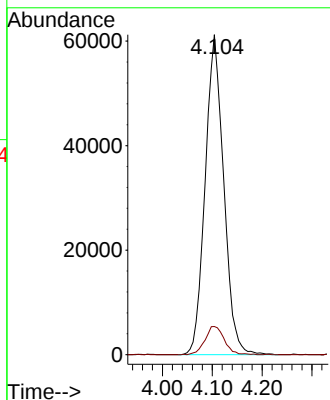
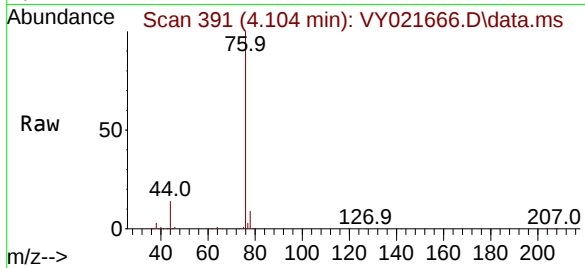




#17
Carbon Disulfide
Concen: 19.710 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

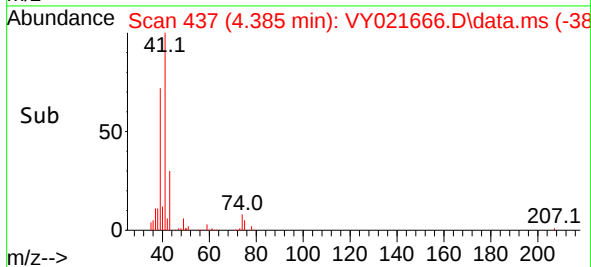
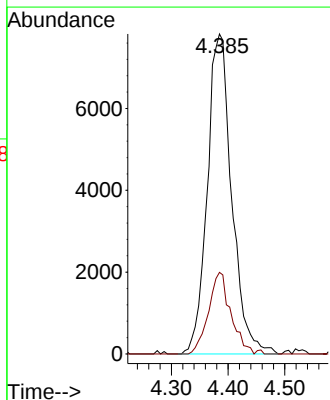
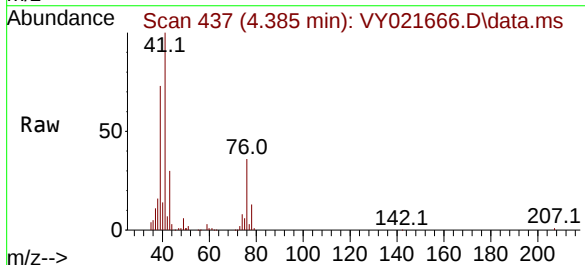
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

Tgt Ion: 76 Resp: 158153
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 18.385 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 43 Resp: 23466
Ion Ratio Lower Upper
43 100
74 23.1 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 18.970 ug/l

RT: 5.110 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

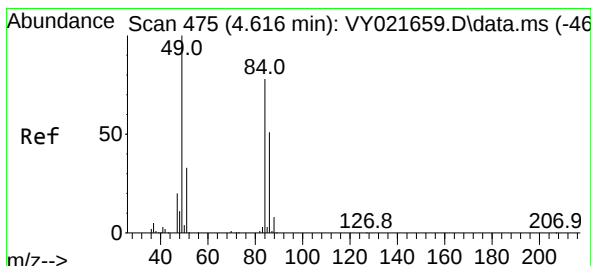
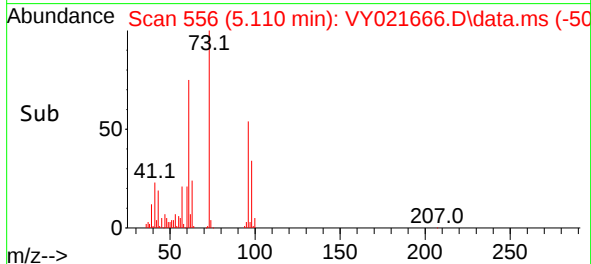
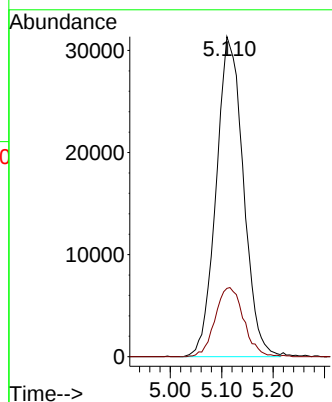
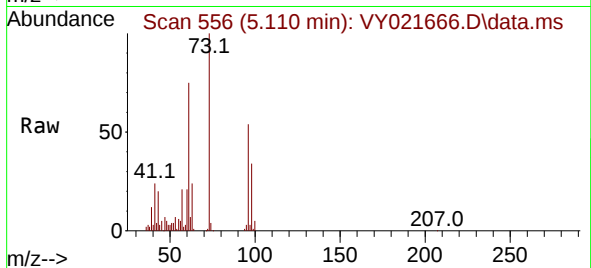
VY0327SBS01

Tgt Ion: 73 Resp: 115053

Ion Ratio Lower Upper

73 100

57 21.4 18.1 27.1



#20

Methylene Chloride

Concen: 20.537 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Tgt Ion: 84 Resp: 57497

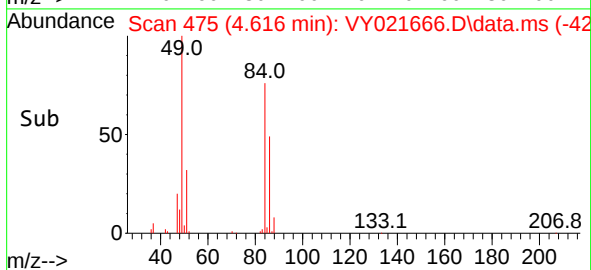
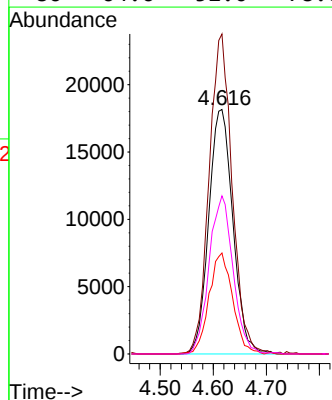
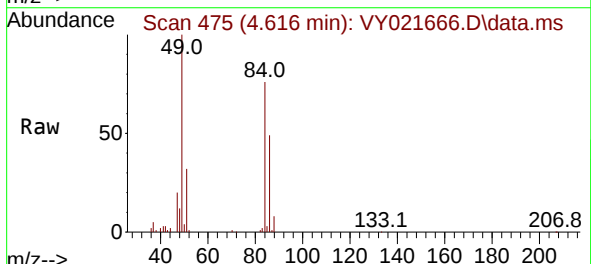
Ion Ratio Lower Upper

84 100

49 130.5 102.8 154.2

51 41.3 33.5 50.3

86 64.6 52.0 78.0

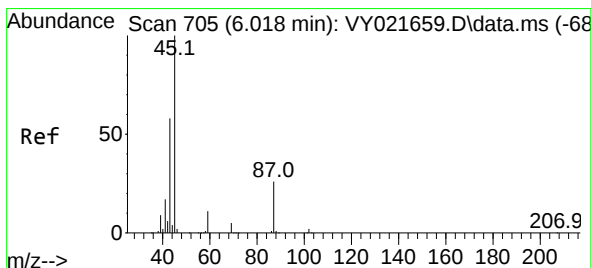
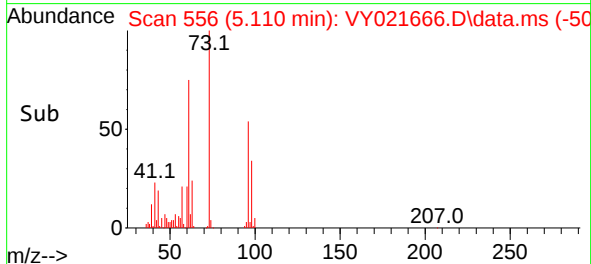
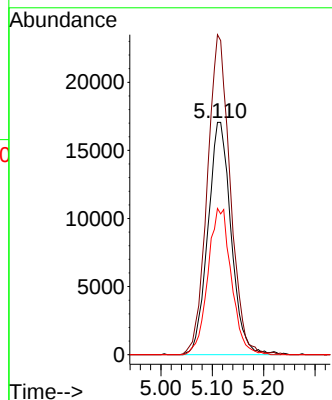
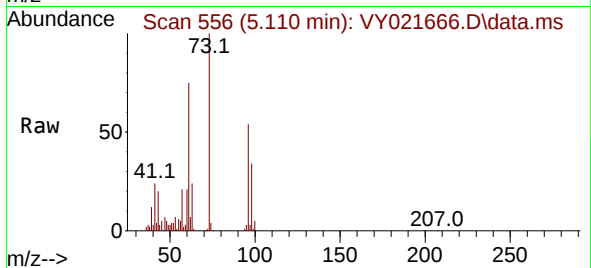




#21
trans-1,2-Dichloroethene
Concen: 19.935 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

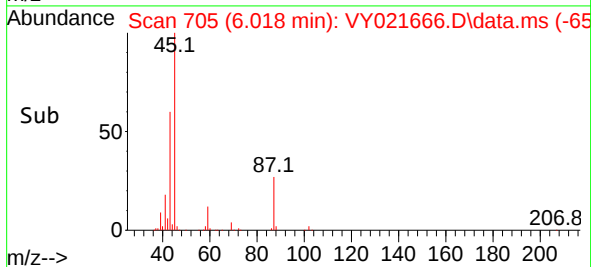
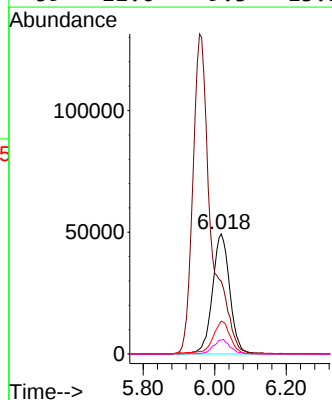
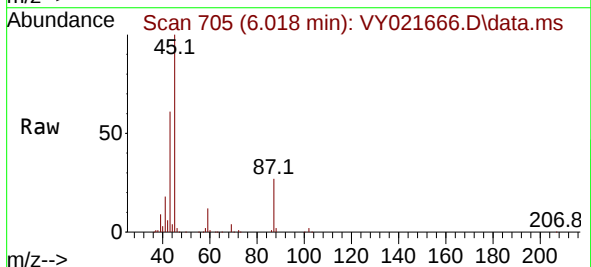
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

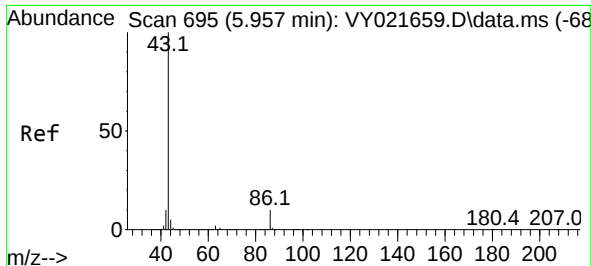
Tgt Ion: 96 Resp: 53471
Ion Ratio Lower Upper
96 100
61 137.8 109.4 164.0
98 63.0 50.2 75.2



#22
Diisopropyl ether
Concen: 20.341 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 45 Resp: 165737
Ion Ratio Lower Upper
45 100
43 60.0 46.6 69.8
87 27.3 20.7 31.1
59 11.6 9.3 13.9

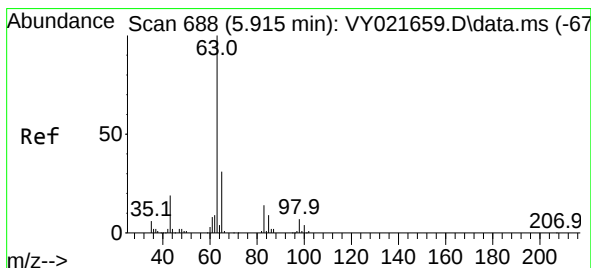
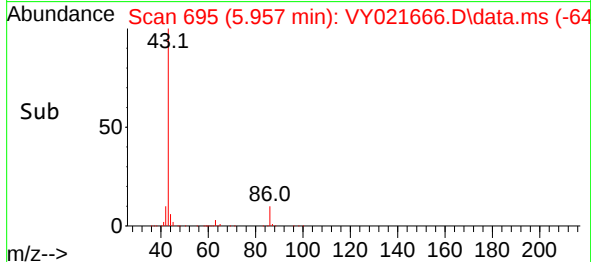
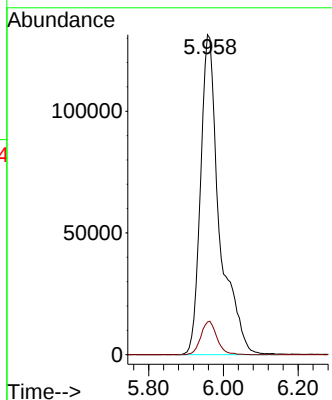
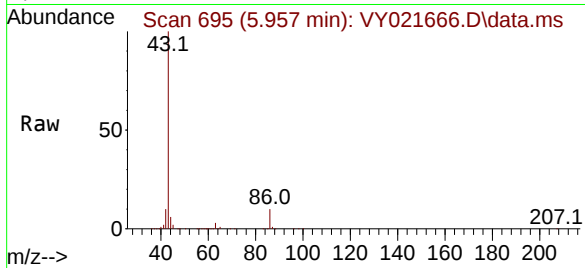




#23
 Vinyl Acetate
 Concen: 97.164 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021666.D
 Acq: 27 Mar 2025 15:00

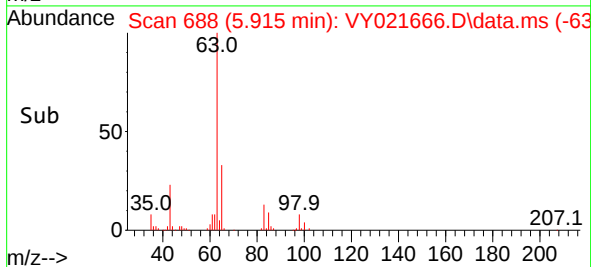
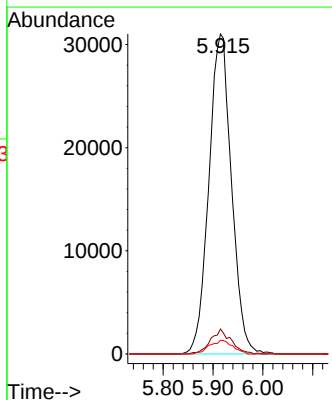
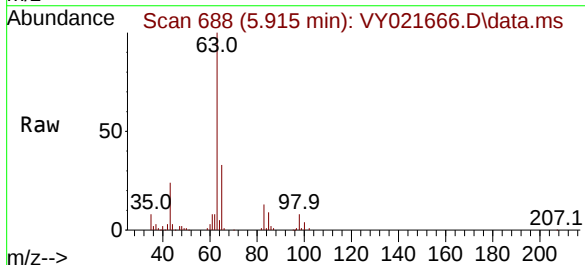
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBSD01

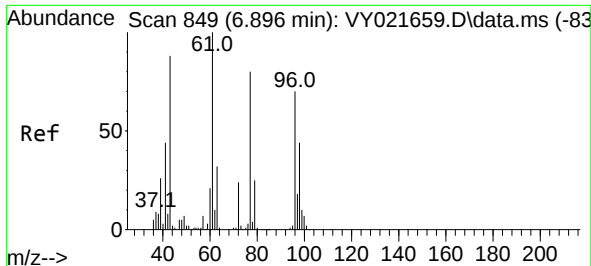
Tgt Ion: 43 Resp: 463138
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.064 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021666.D
 Acq: 27 Mar 2025 15:00

Tgt Ion: 63 Resp: 97753
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.5
 100 4.2 2.2 6.6

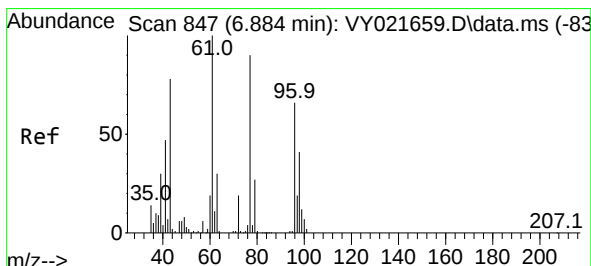
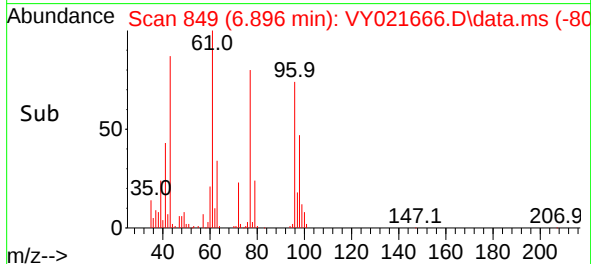
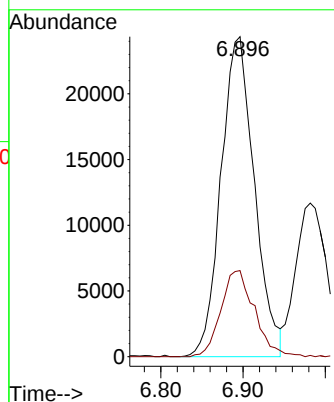
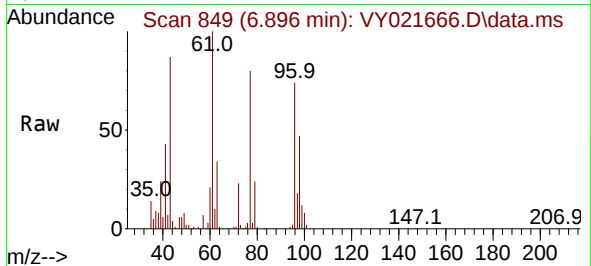




#25
2-Butanone
Concen: 93.448 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

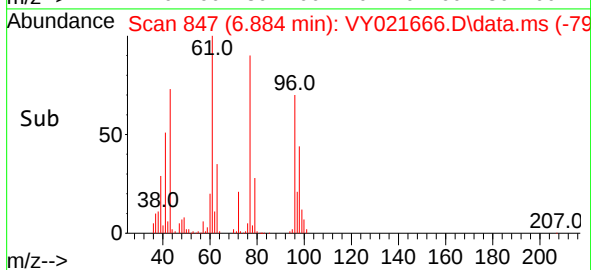
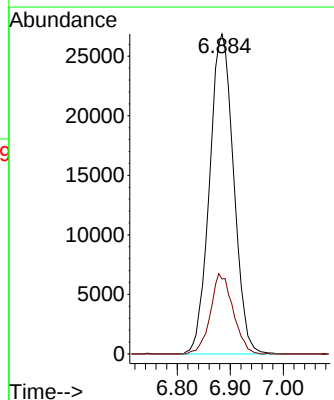
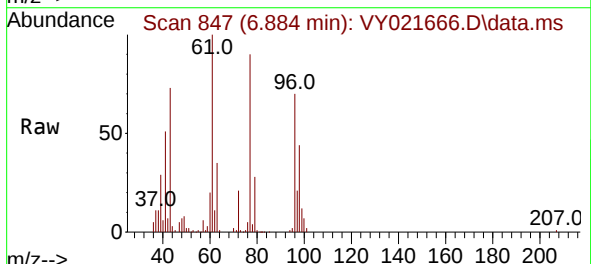
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

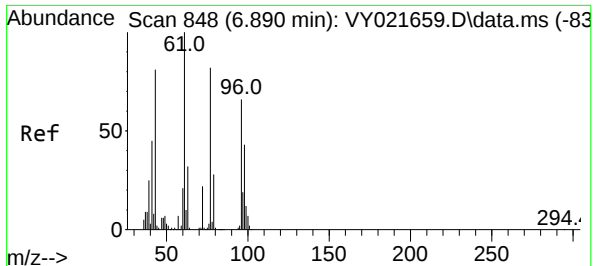
Tgt Ion: 43 Resp: 68739
Ion Ratio Lower Upper
43 100
72 26.9 21.4 32.2



#26
2,2-Dichloropropane
Concen: 19.578 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 77 Resp: 84849
Ion Ratio Lower Upper
77 100
97 23.5 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.513 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

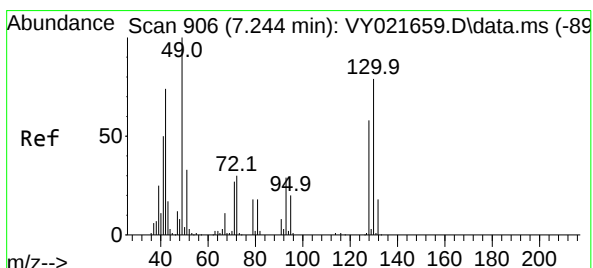
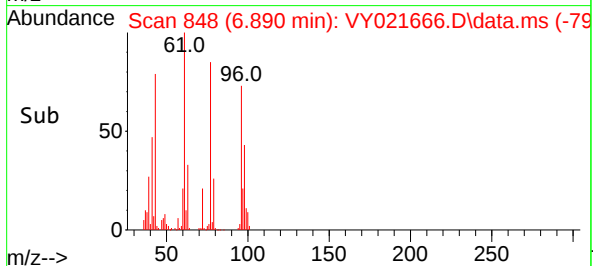
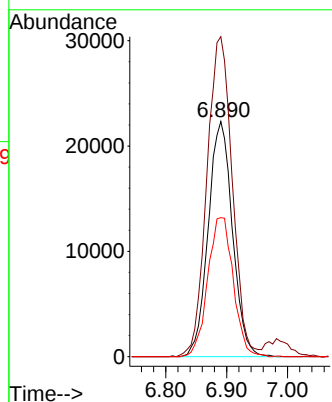
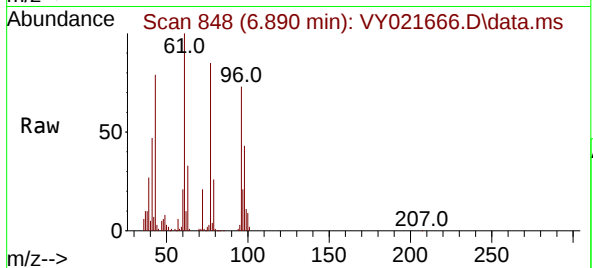
Tgt Ion: 96 Resp: 61876

Ion Ratio Lower Upper

96 100

61 142.4 0.0 296.4

98 61.9 0.0 128.0



#28

Bromochloromethane

Concen: 19.886 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

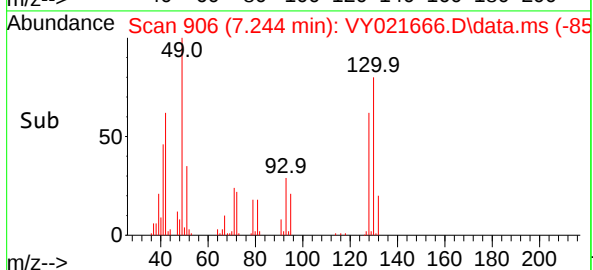
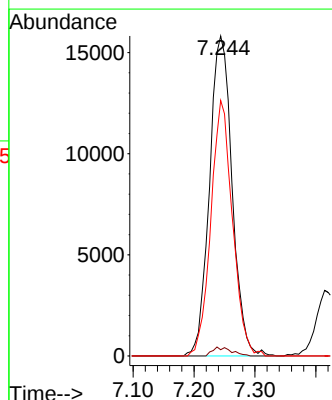
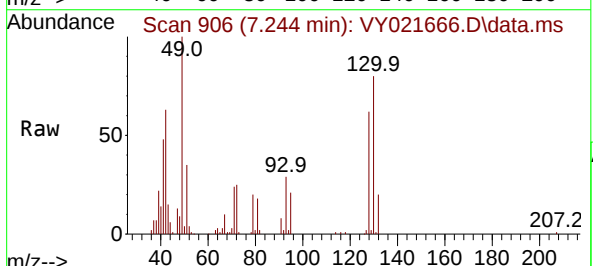
Tgt Ion: 49 Resp: 40861

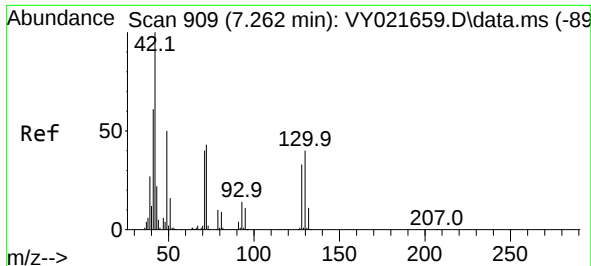
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 76.3 60.1 90.1





#29

Tetrahydrofuran

Concen: 91.750 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

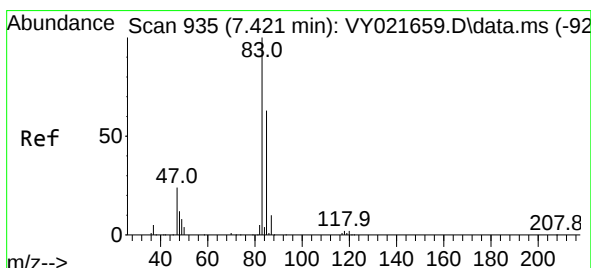
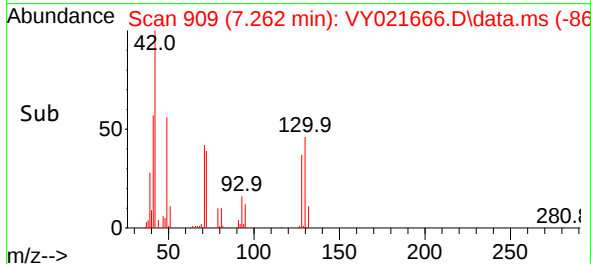
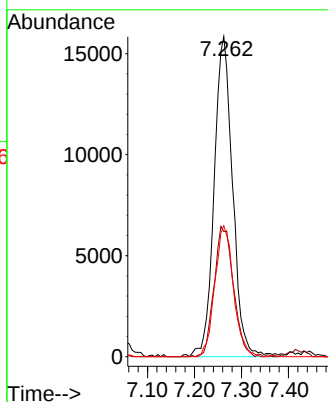
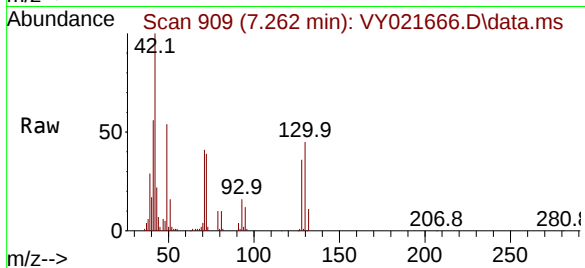
Tgt Ion: 42 Resp: 43436

Ion Ratio Lower Upper

42 100

72 42.4 34.6 52.0

71 41.2 32.5 48.7



#30

Chloroform

Concen: 19.759 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021666.D

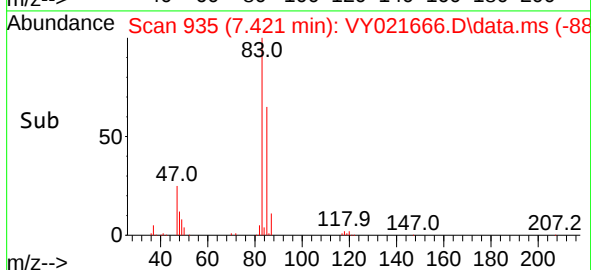
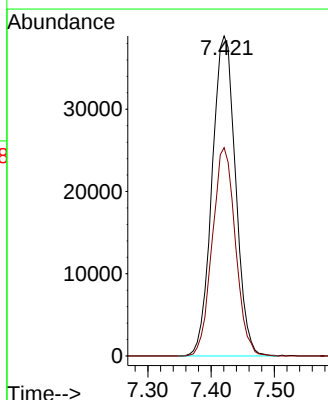
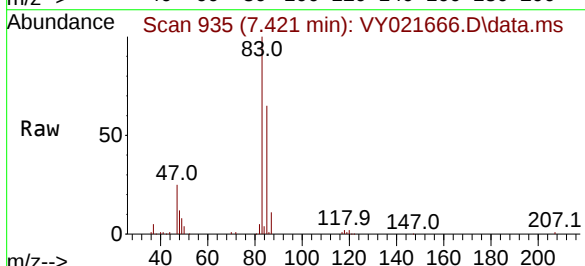
Acq: 27 Mar 2025 15:00

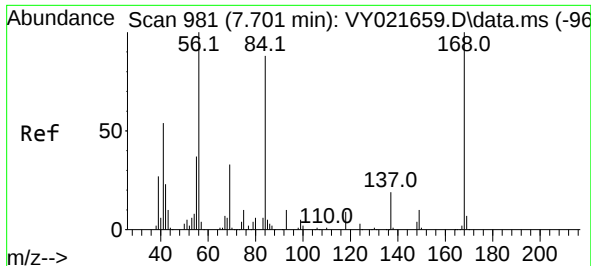
Tgt Ion: 83 Resp: 100128

Ion Ratio Lower Upper

83 100

85 65.1 50.6 75.8

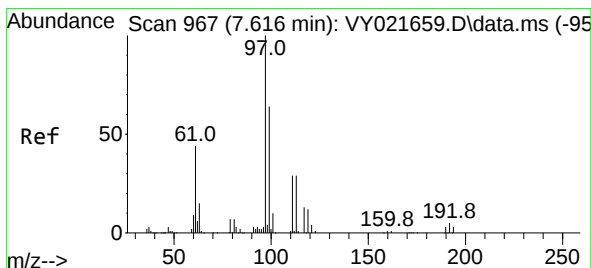
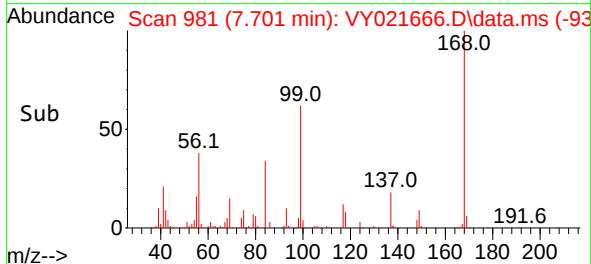
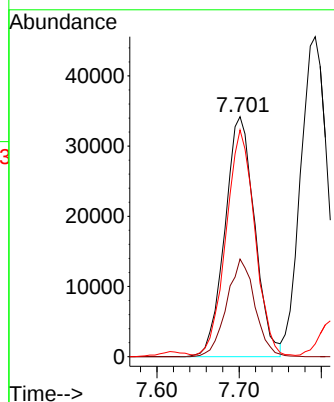
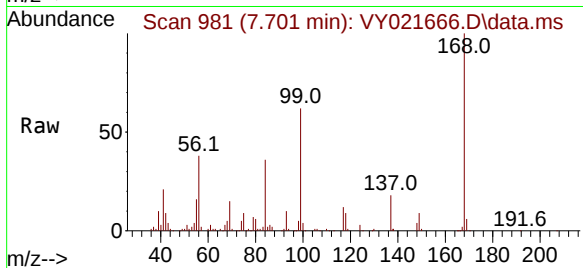




#31
Cyclohexane
Concen: 19.404 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

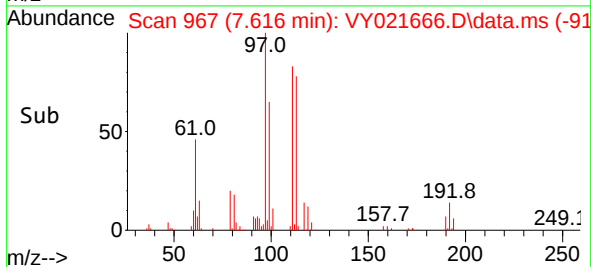
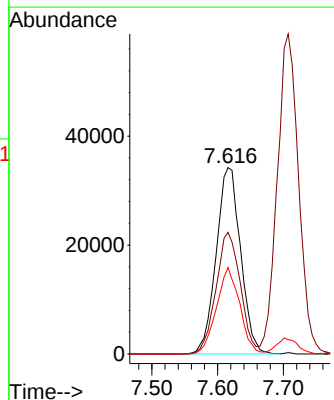
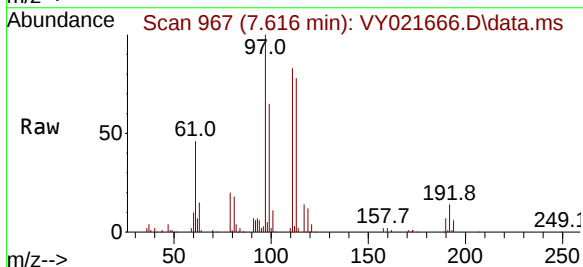
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

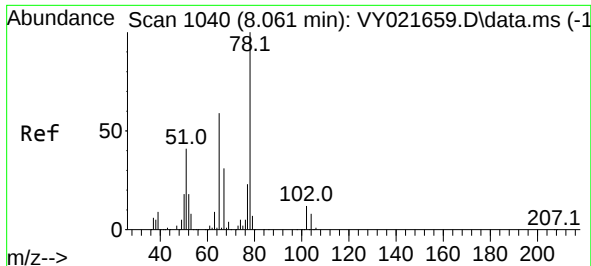
Tgt Ion: 56 Resp: 86177
Ion Ratio Lower Upper
56 100
69 40.7 26.6 40.0#
84 93.0 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 19.317 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 97 Resp: 88474
Ion Ratio Lower Upper
97 100
99 64.7 50.7 76.1
61 44.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.468 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

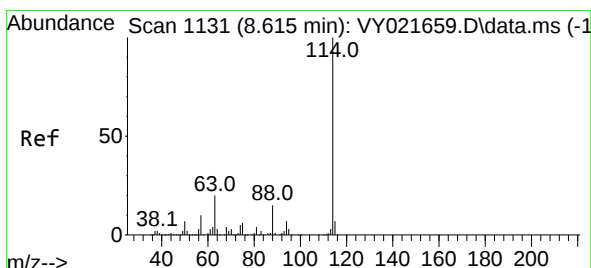
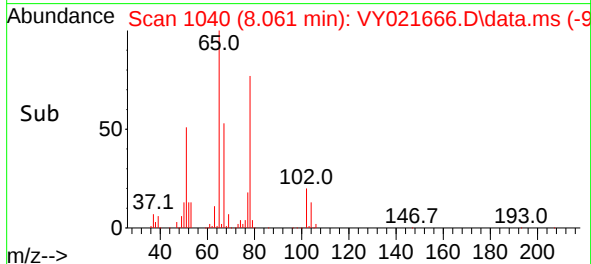
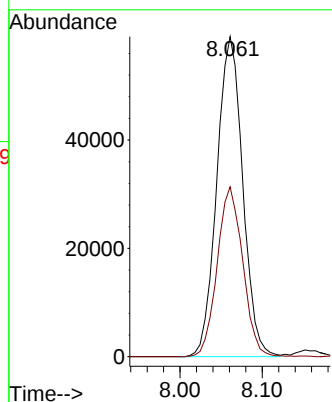
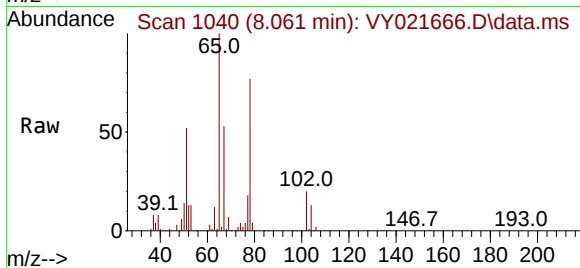
VY0327SBS01

Tgt Ion: 65 Resp: 129513

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

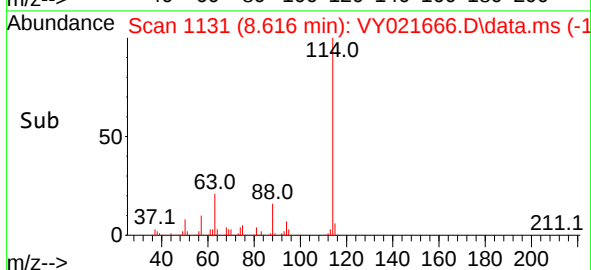
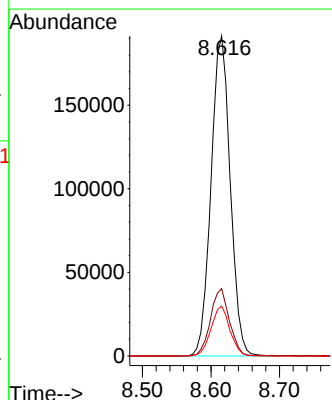
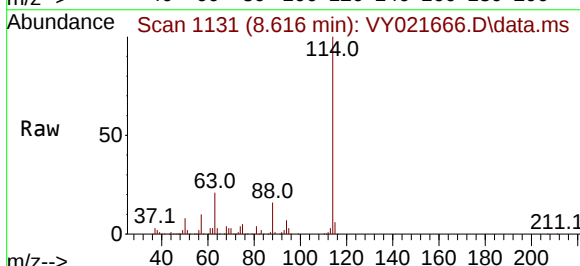
Tgt Ion: 114 Resp: 372325

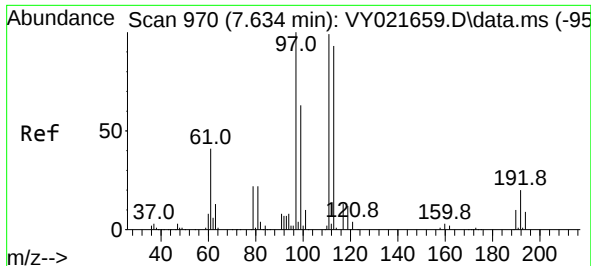
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.2

88 15.6 0.0 29.8

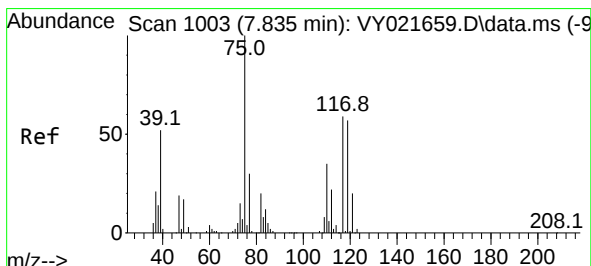
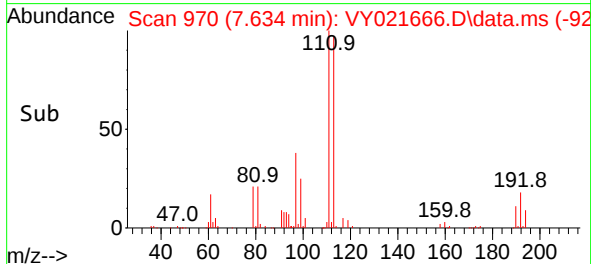
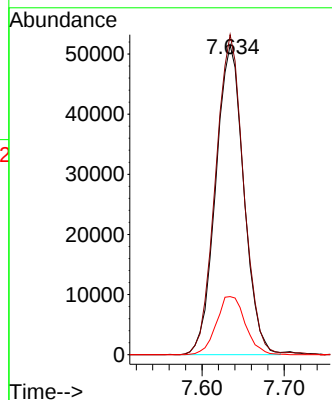
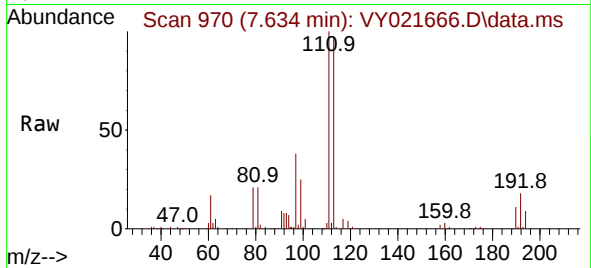




#35
Dibromofluoromethane
Concen: 50.568 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

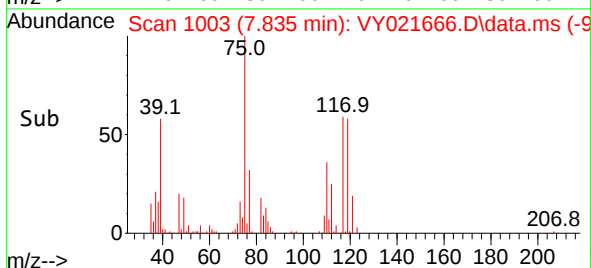
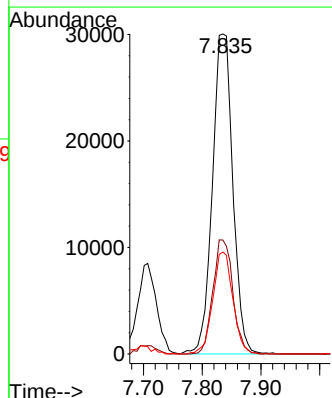
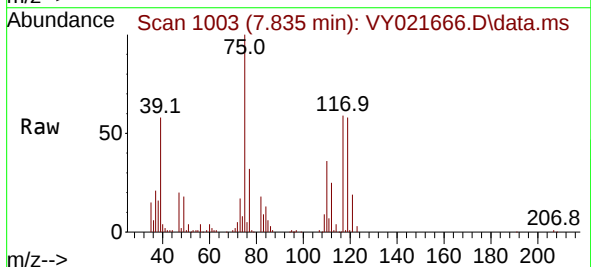
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

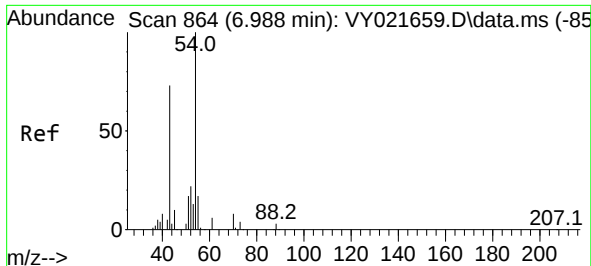
Tgt Ion:113 Resp: 122132
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 19.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.756 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 75 Resp: 72676
Ion Ratio Lower Upper
75 100
110 34.8 17.0 50.9
77 31.2 24.8 37.2





#37

Ethyl Acetate

Concen: 18.517 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

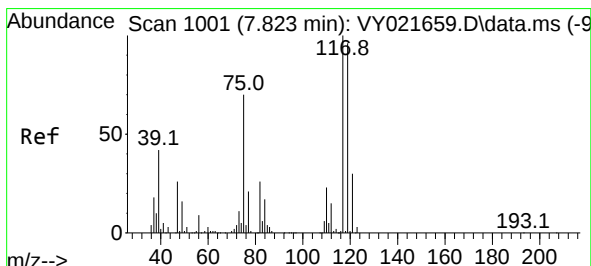
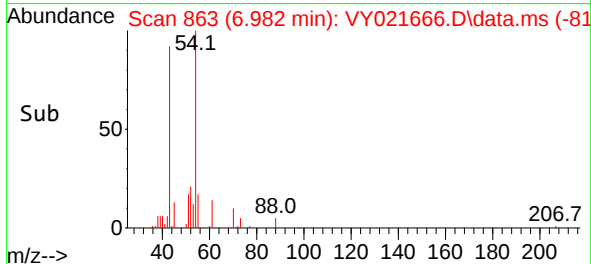
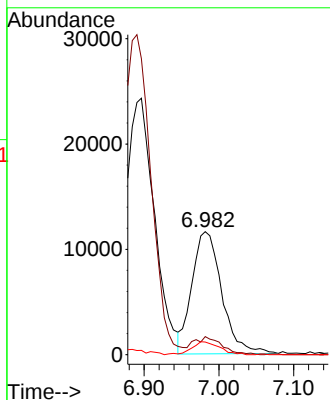
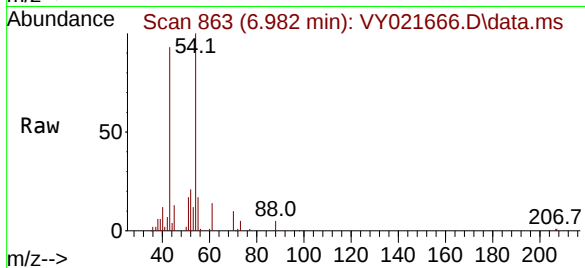
Tgt Ion: 43 Resp: 32149

Ion Ratio Lower Upper

43 100

61 13.6 11.0 16.6

70 9.8 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.385 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

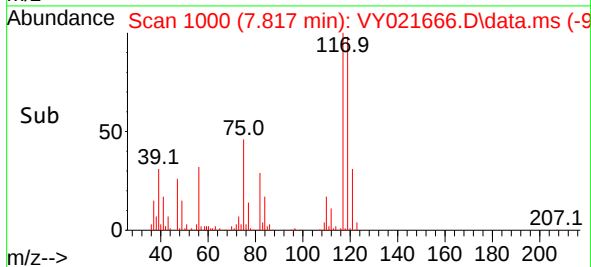
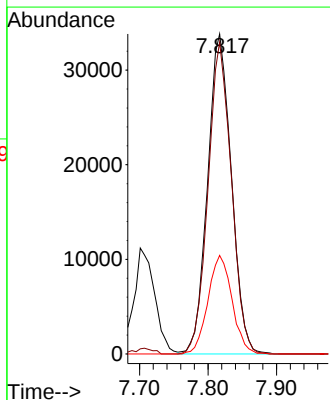
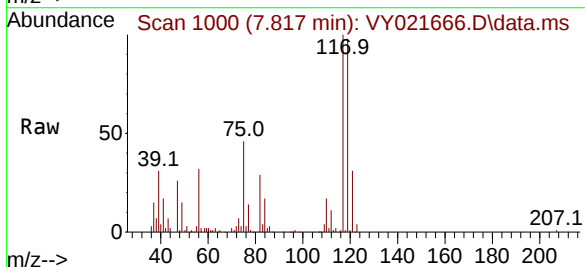
Tgt Ion: 117 Resp: 81677

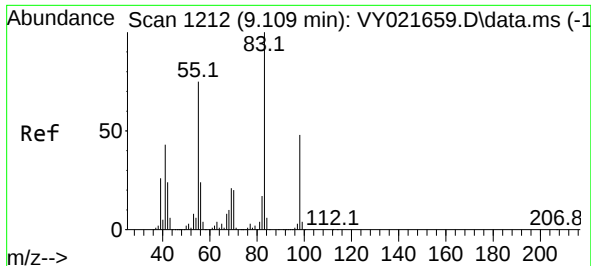
Ion Ratio Lower Upper

117 100

119 97.5 76.2 114.4

121 30.8 24.2 36.4





#39

Methylcyclohexane

Concen: 19.769 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

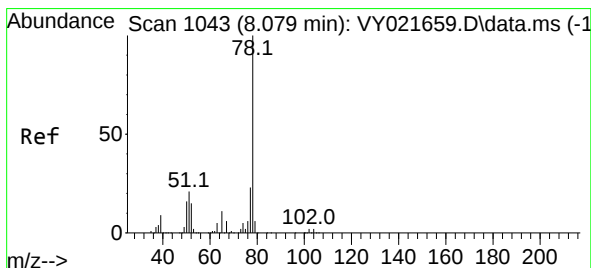
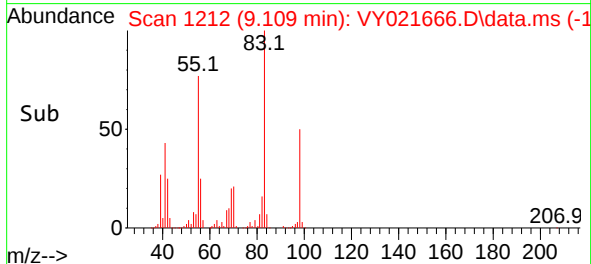
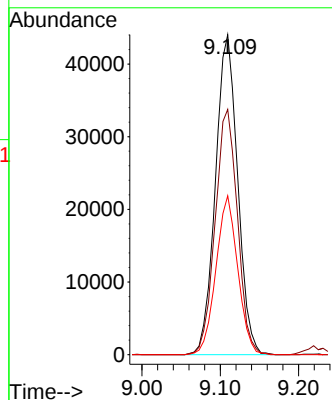
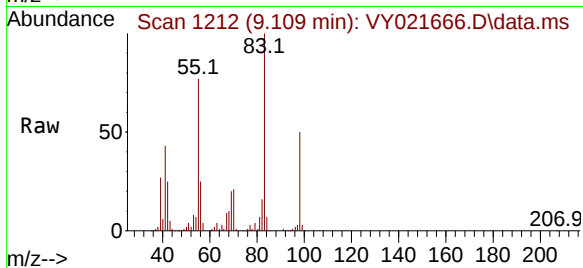
Tgt Ion: 83 Resp: 86879

Ion Ratio Lower Upper

83 100

55 76.7 59.7 89.5

98 49.6 38.3 57.5



#40

Benzene

Concen: 19.622 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021666.D

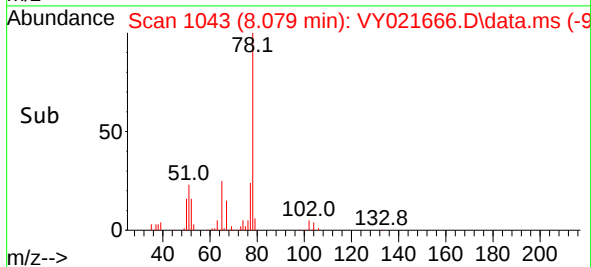
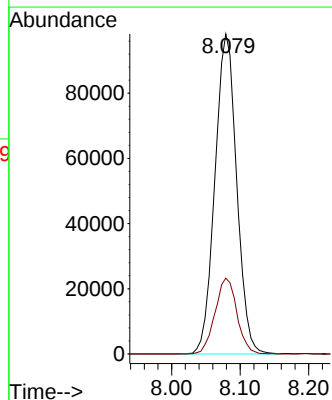
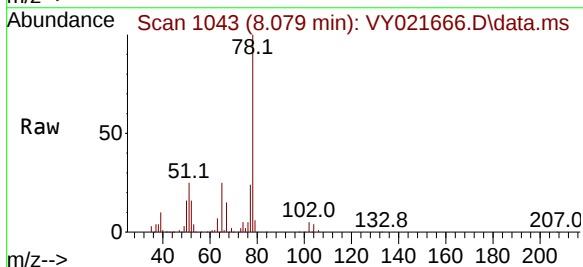
Acq: 27 Mar 2025 15:00

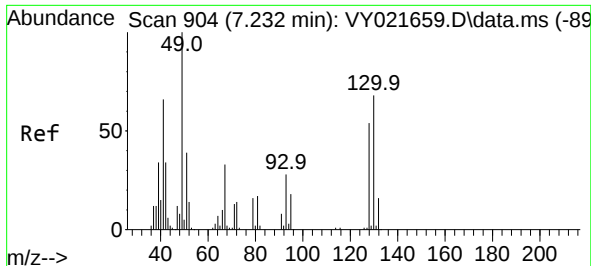
Tgt Ion: 78 Resp: 216171

Ion Ratio Lower Upper

78 100

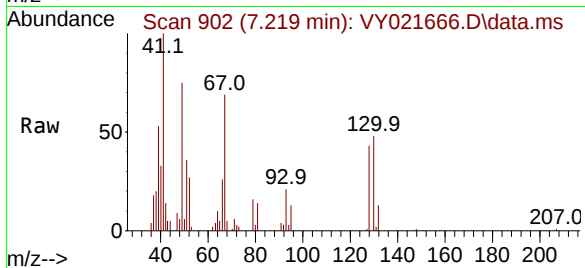
77 23.7 18.8 28.2



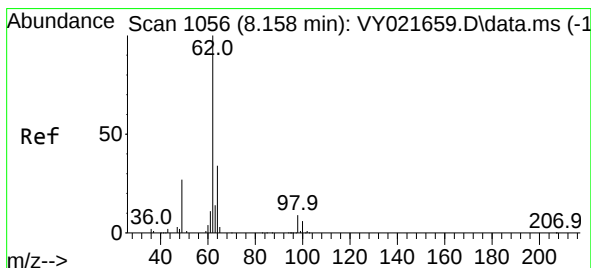
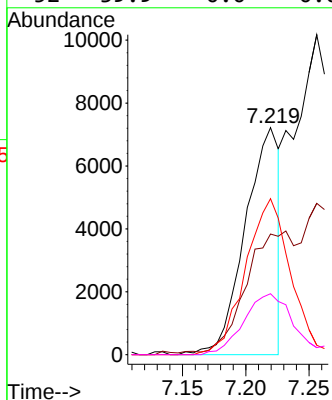
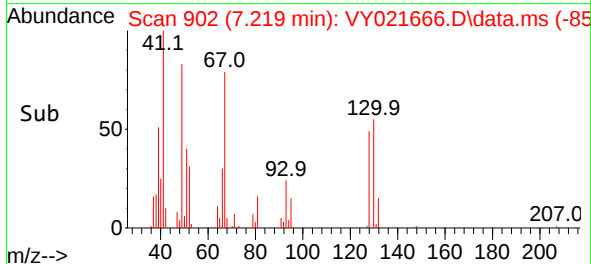


#41
Methacrylonitrile
Concen: 14.735 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

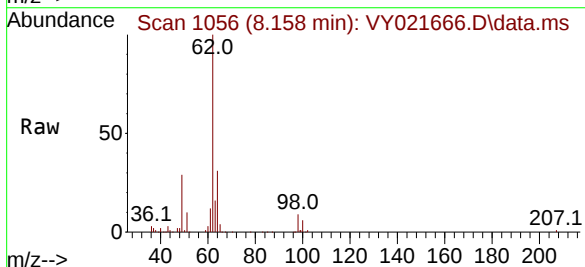
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01



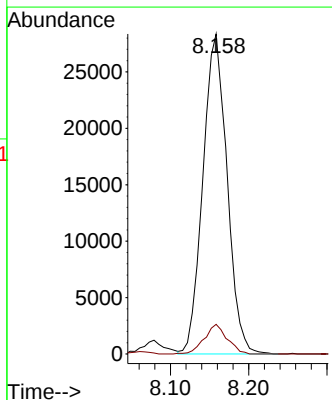
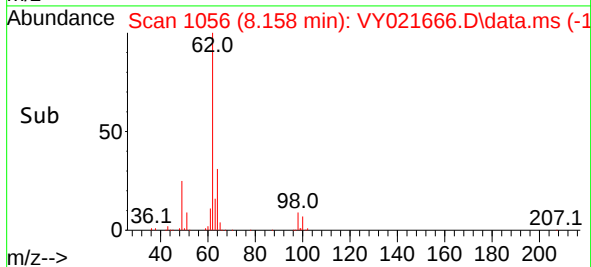
Tgt Ion: 41 Resp: 13586
Ion Ratio Lower Upper
41 100
39 73.8 0.0 0.0#
67 91.7 0.0 0.0#
52 39.9 0.0 0.0#

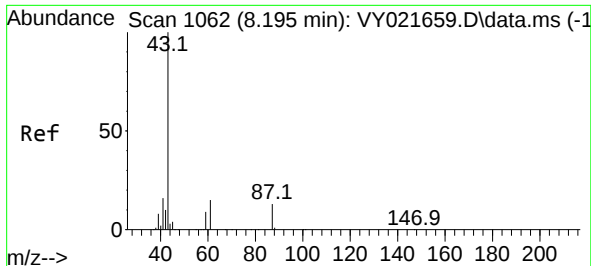


#42
1,2-Dichloroethane
Concen: 19.595 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00



Tgt Ion: 62 Resp: 60860
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.4

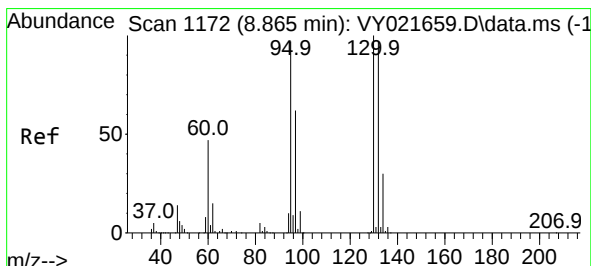
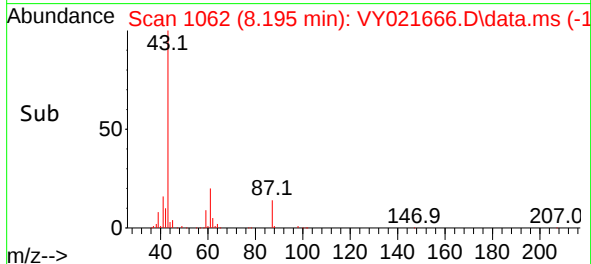
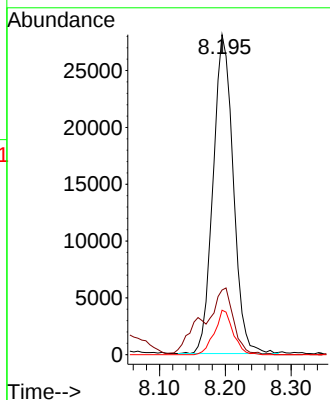
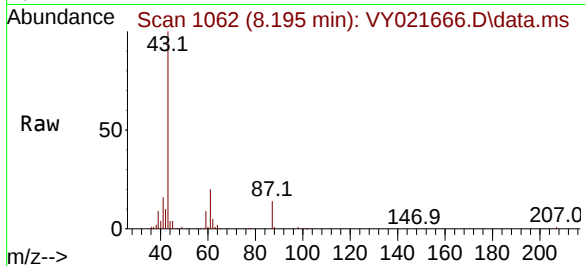




#43
Isopropyl Acetate
Concen: 18.213 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

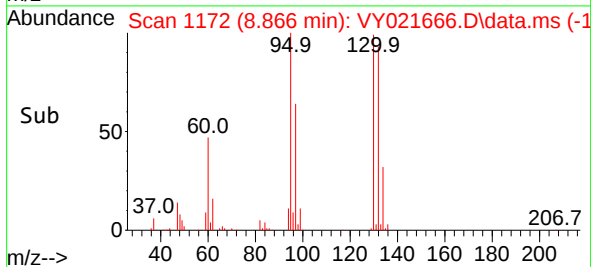
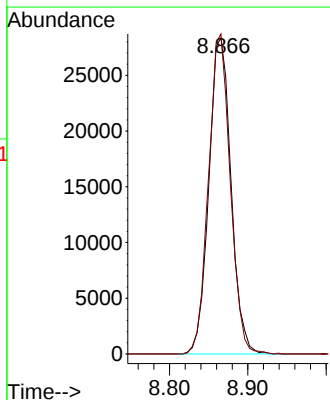
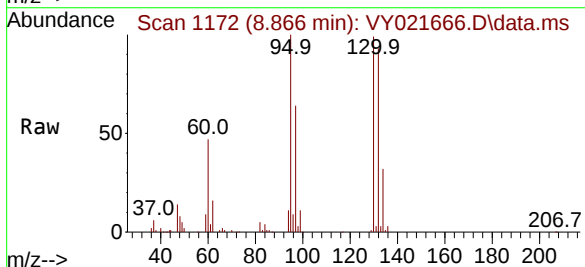
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

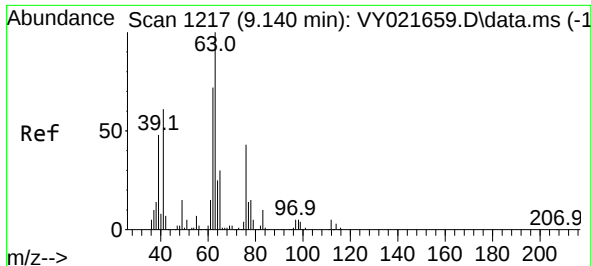
Tgt Ion: 43 Resp: 59922
Ion Ratio Lower Upper
43 100
61 21.1 15.9 23.9
87 12.8 10.4 15.6



#44
Trichloroethene
Concen: 19.829 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 130 Resp: 55661
Ion Ratio Lower Upper
130 100
95 101.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 19.801 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

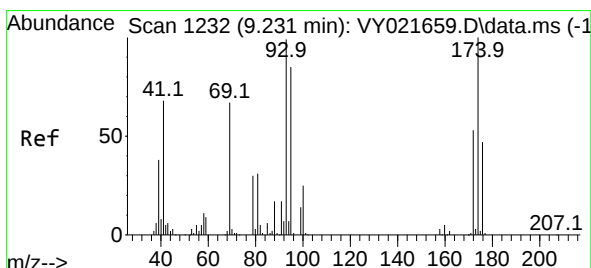
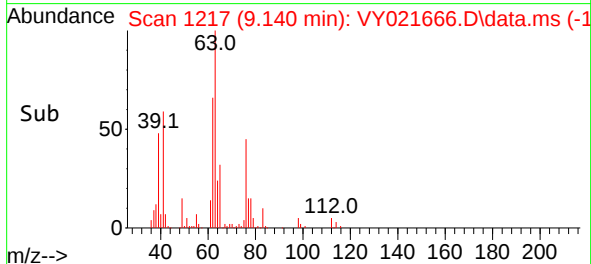
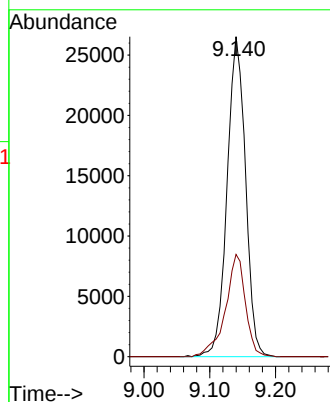
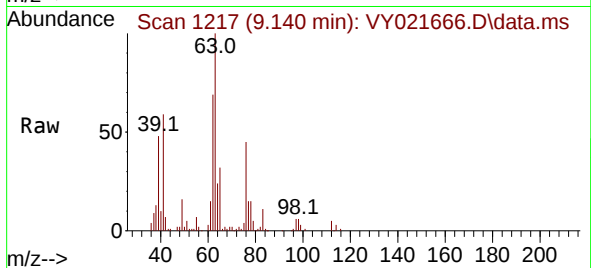
VY0327SBSD01

Tgt Ion: 63 Resp: 51637

Ion Ratio Lower Upper

63 100

65 32.0 24.4 36.6



#46

Dibromomethane

Concen: 19.472 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

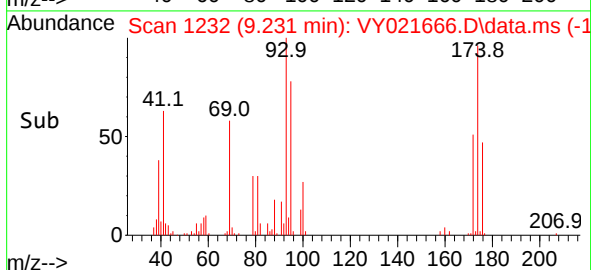
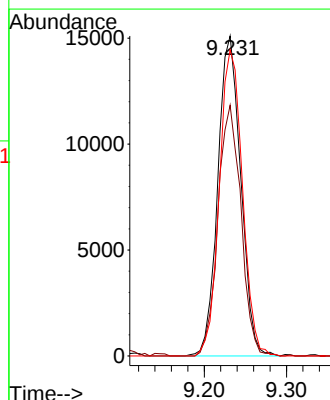
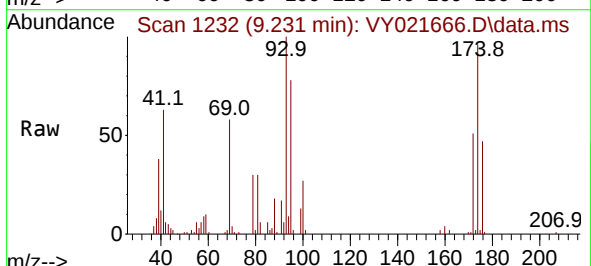
Tgt Ion: 93 Resp: 29265

Ion Ratio Lower Upper

93 100

95 78.4 68.1 102.1

174 96.4 80.9 121.3

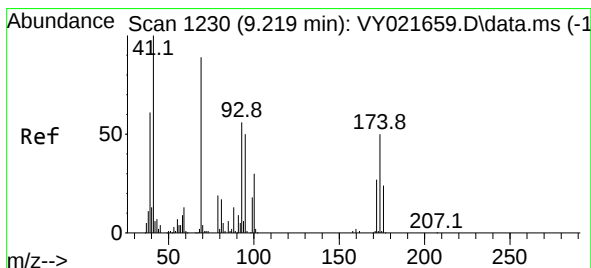
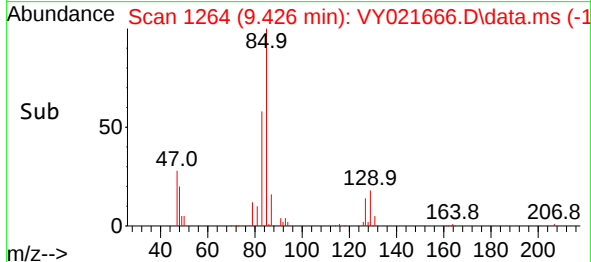
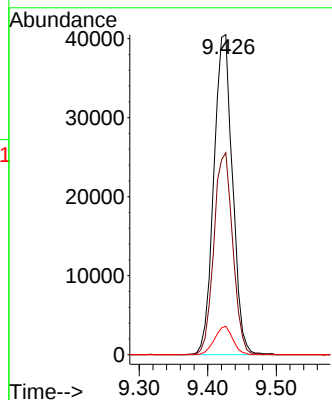
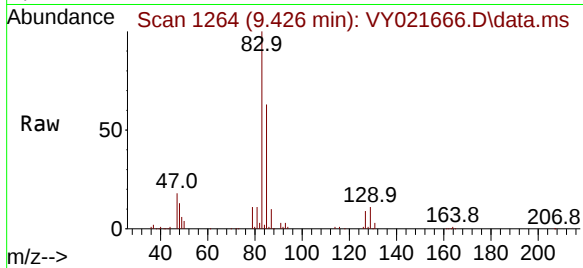




#47
Bromodichloromethane
Concen: 19.719 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

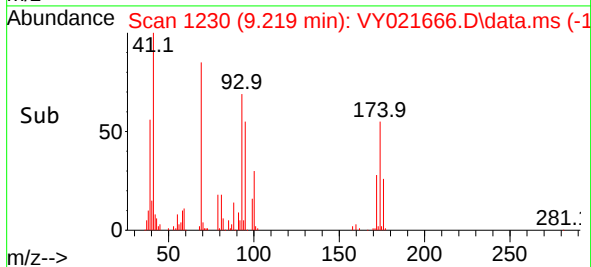
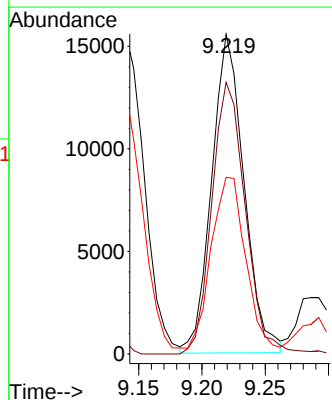
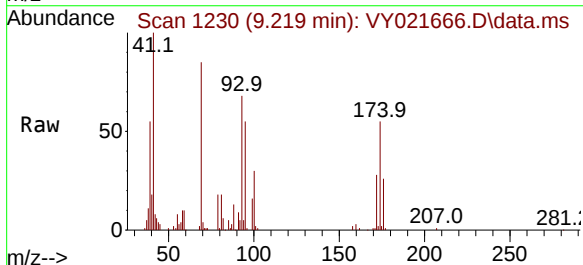
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

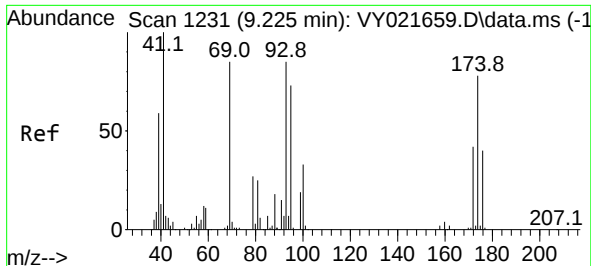
Tgt Ion: 83 Resp: 76792
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.6
127 8.9 6.8 10.2



#48
Methyl methacrylate
Concen: 18.290 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 41 Resp: 27619
Ion Ratio Lower Upper
41 100
69 88.6 69.8 104.8
39 56.8 47.2 70.8





#49

1,4-Dioxane

Concen: 398.133 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

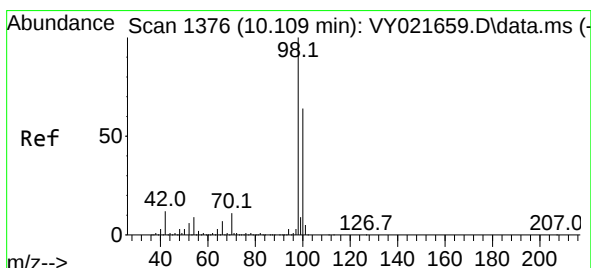
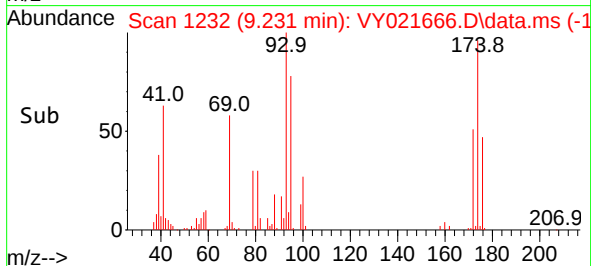
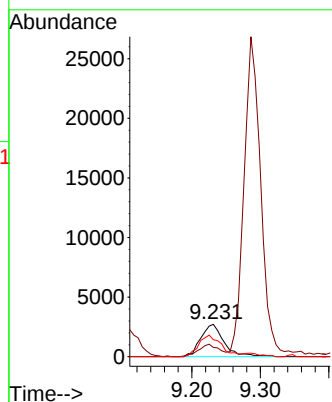
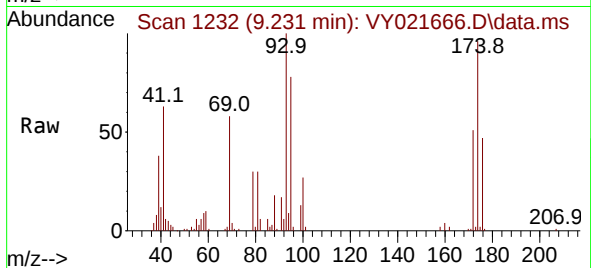
Tgt Ion: 88 Resp: 6410

Ion Ratio Lower Upper

88 100

43 34.1 28.8 43.2

58 65.6 59.4 89.2



#50

Toluene-d8

Concen: 51.086 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021666.D

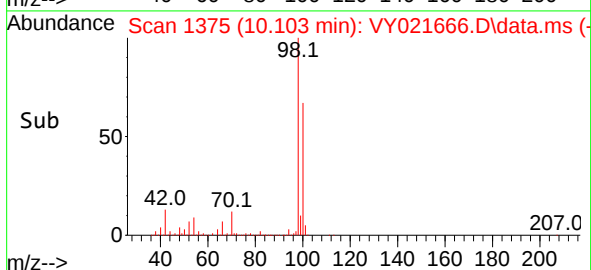
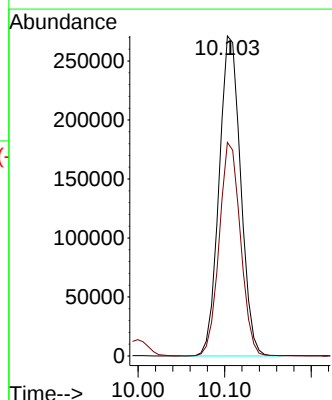
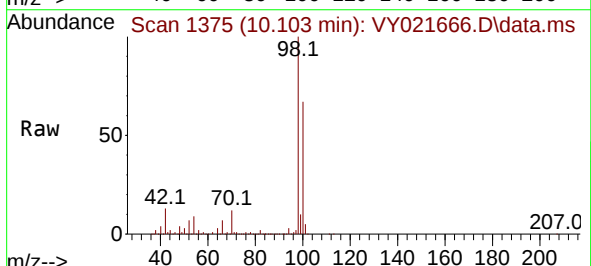
Acq: 27 Mar 2025 15:00

Tgt Ion: 98 Resp: 469390

Ion Ratio Lower Upper

98 100

100 65.8 52.1 78.1

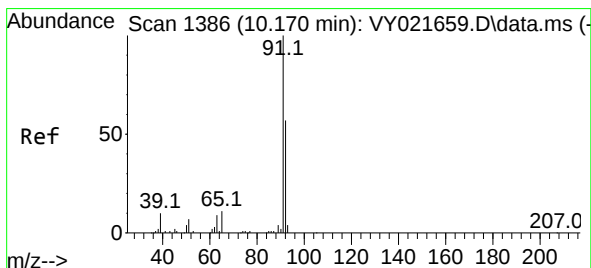
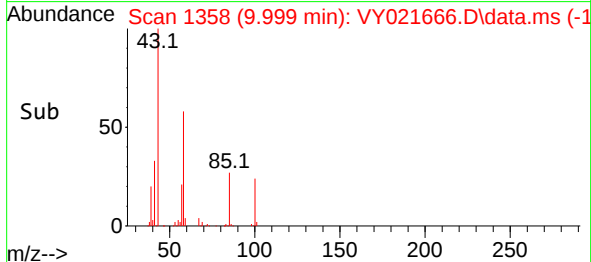
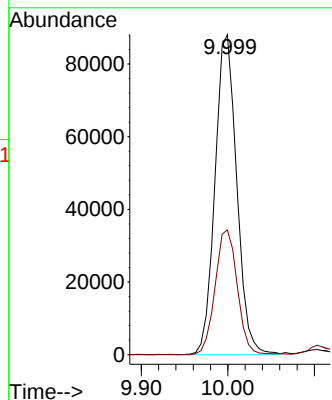
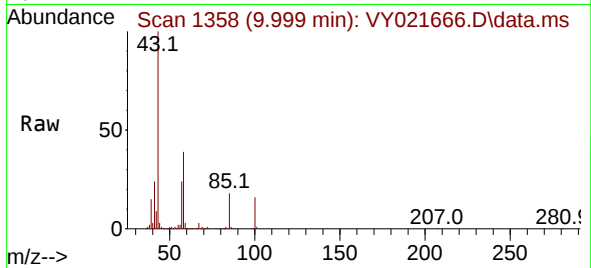




#51
4-Methyl-2-Pentanone
Concen: 89.788 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

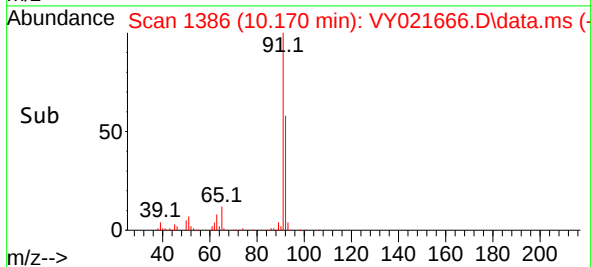
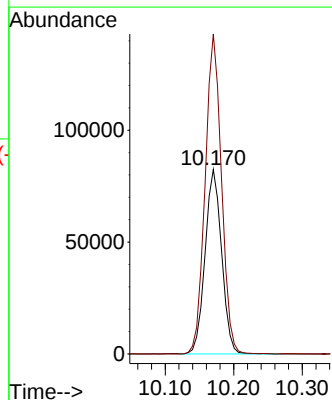
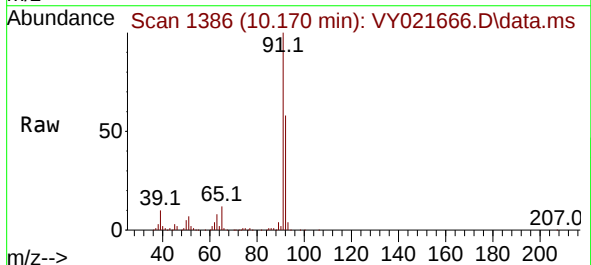
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

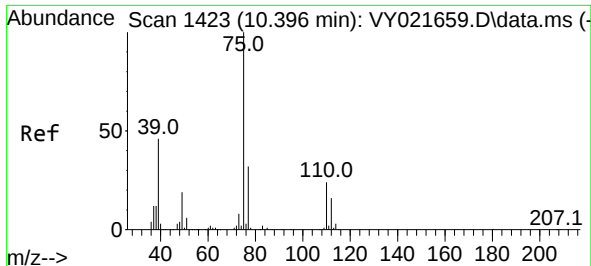
Tgt Ion: 43 Resp: 153733
Ion Ratio Lower Upper
43 100
58 39.8 31.5 47.3



#52
Toluene
Concen: 20.146 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 92 Resp: 138476
Ion Ratio Lower Upper
92 100
91 171.3 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 19.200 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

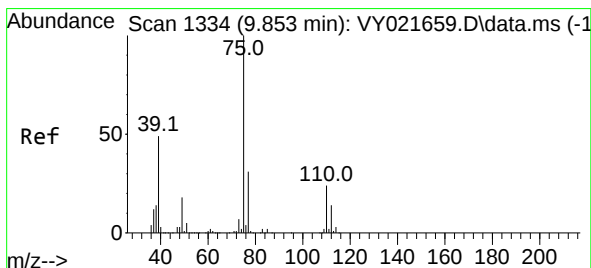
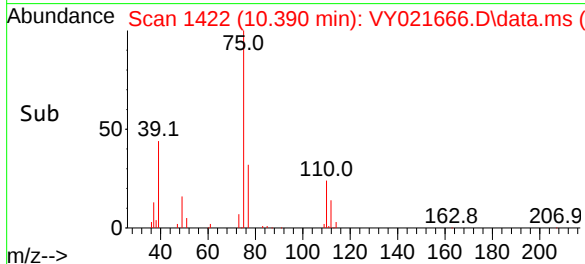
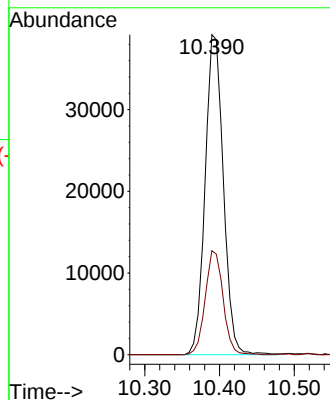
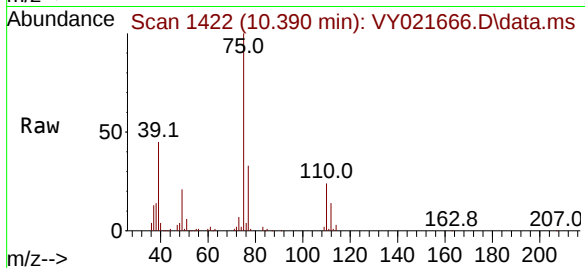
VY0327SBS01

Tgt Ion: 75 Resp: 66412

Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 19.174 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.006 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

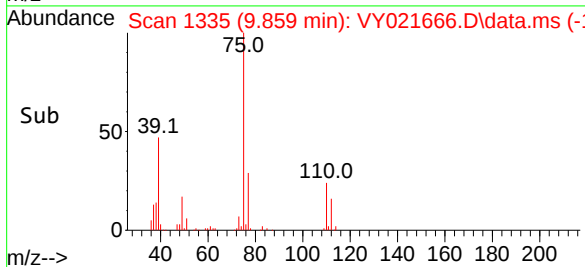
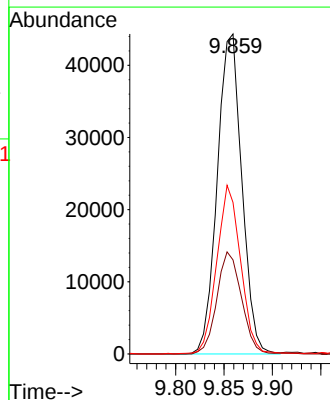
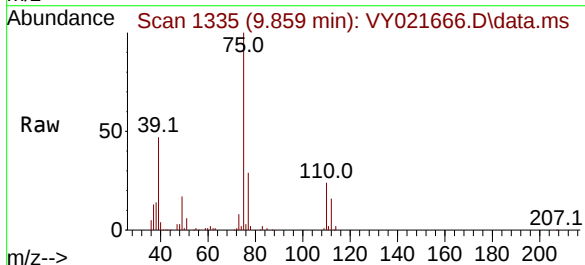
Tgt Ion: 75 Resp: 78242

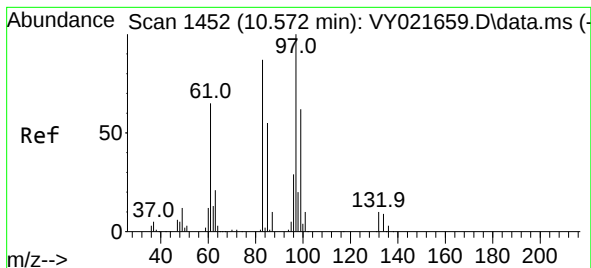
Ion Ratio Lower Upper

75 100

77 29.4 24.9 37.3

39 47.2 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 19.232 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

Tgt Ion: 97 Resp: 37197

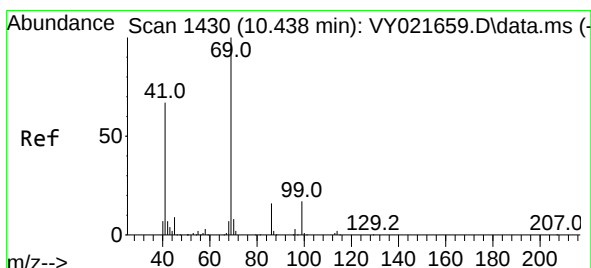
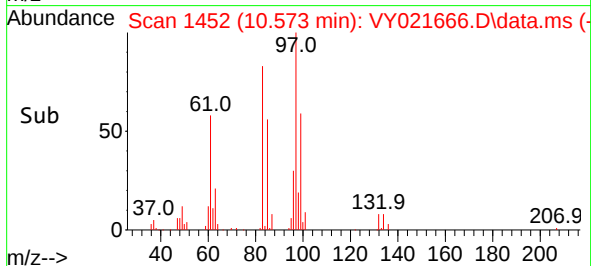
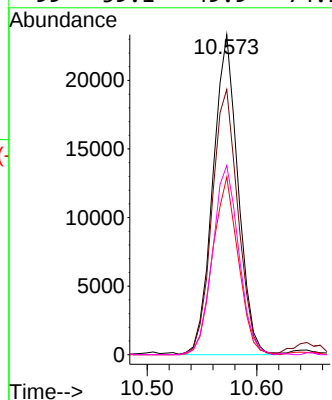
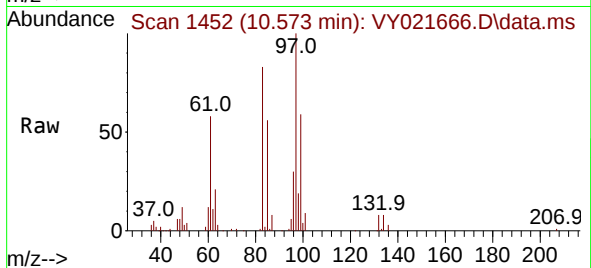
Ion Ratio Lower Upper

97 100

83 82.6 69.5 104.3

85 55.5 43.9 65.9

99 59.1 49.9 74.9



#56

Ethyl methacrylate

Concen: 19.139 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

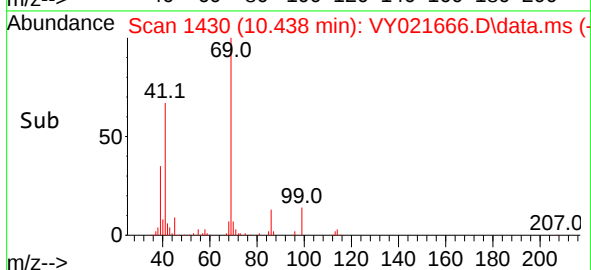
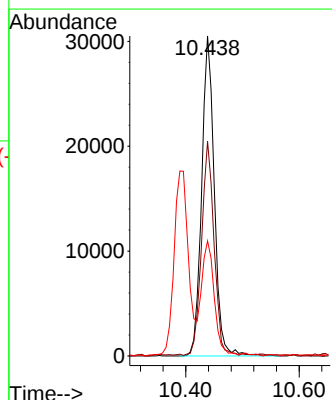
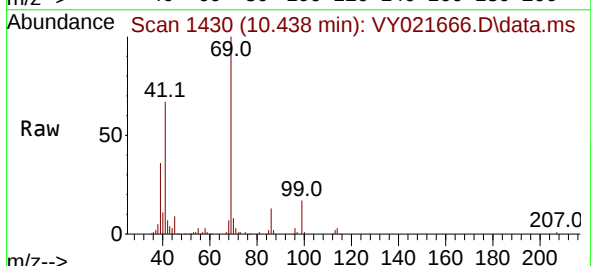
Tgt Ion: 69 Resp: 47265

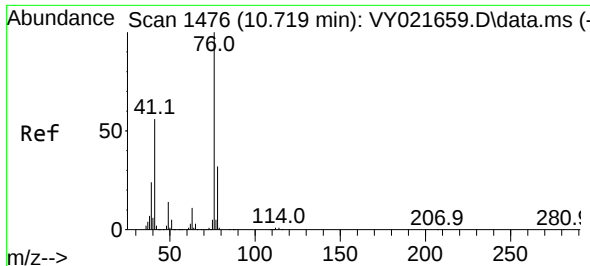
Ion Ratio Lower Upper

69 100

41 65.7 53.8 80.6

39 34.5 29.6 44.4





#57

1,3-Dichloropropane

Concen: 18.761 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

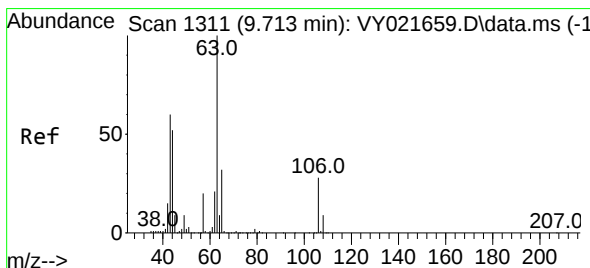
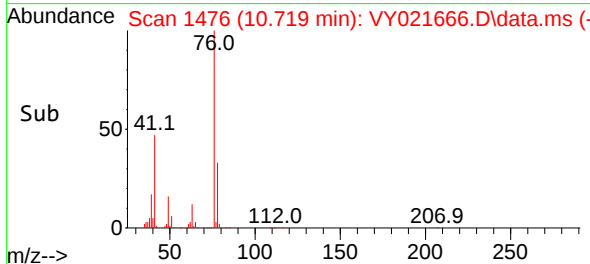
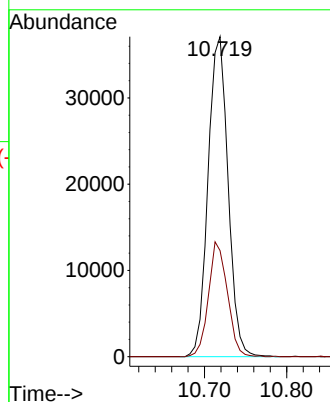
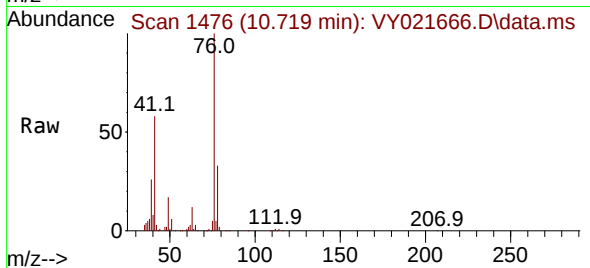
VY0327SBSD01

Tgt Ion: 76 Resp: 62665

Ion Ratio Lower Upper

76 100

78 34.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 96.242 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021666.D

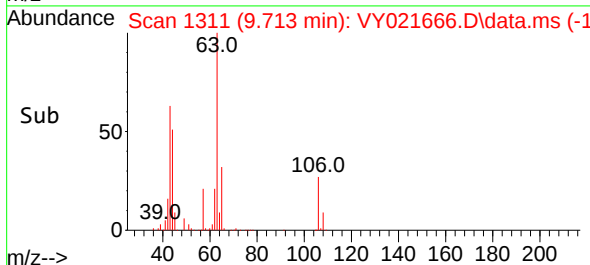
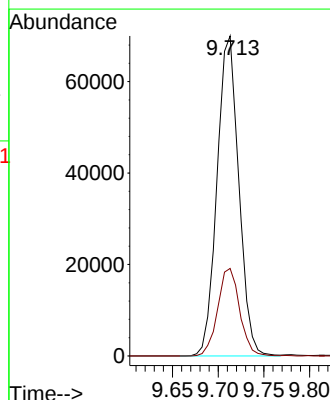
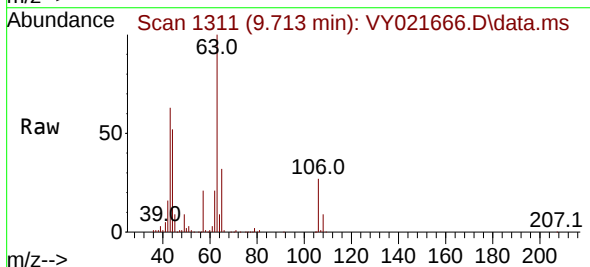
Acq: 27 Mar 2025 15:00

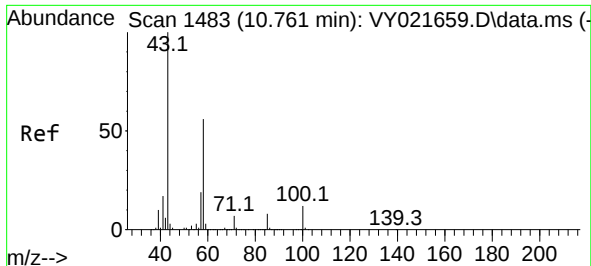
Tgt Ion: 63 Resp: 115948

Ion Ratio Lower Upper

63 100

106 27.7 22.4 33.6

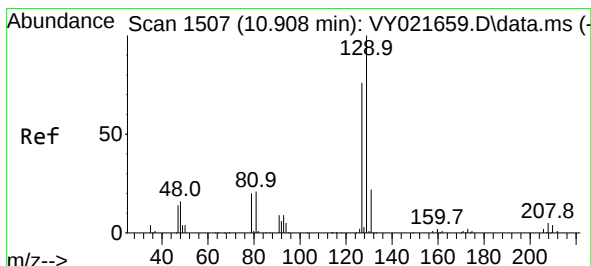
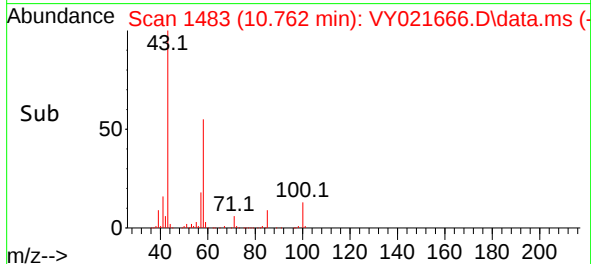
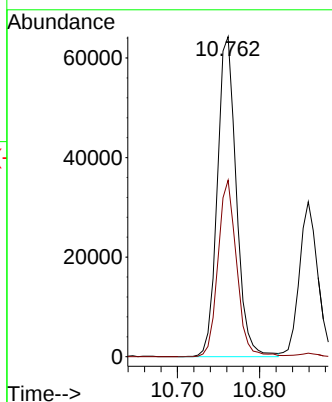
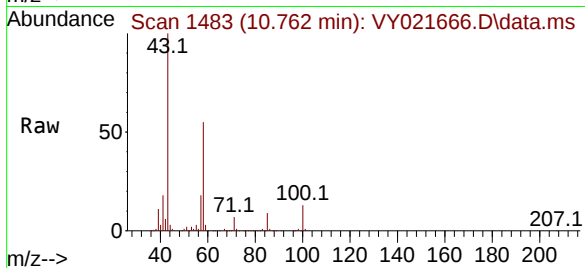




#59
2-Hexanone
Concen: 90.497 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

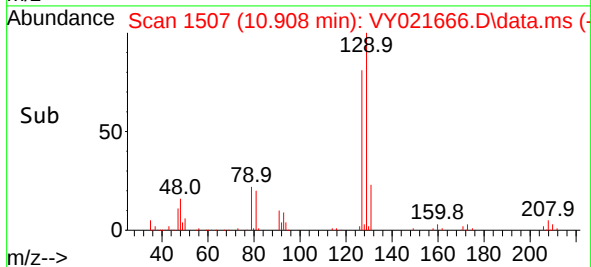
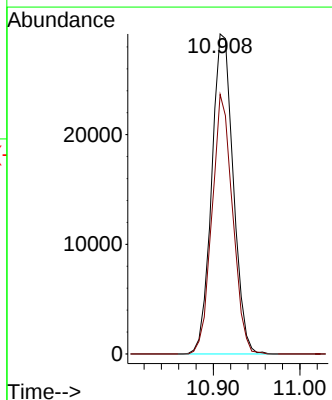
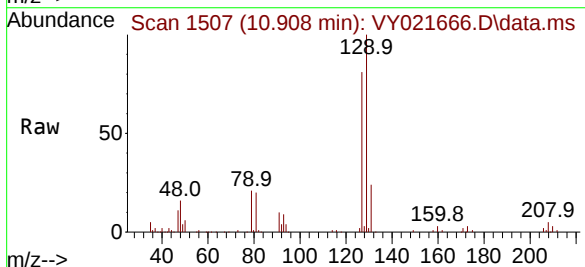
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

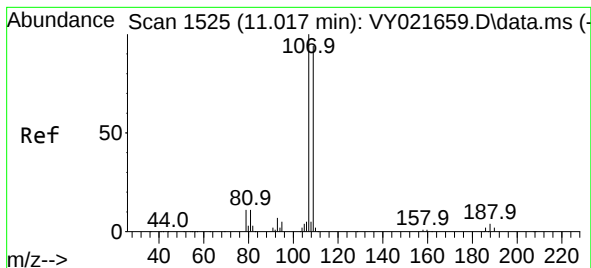
Tgt Ion: 43 Resp: 103192
Ion Ratio Lower Upper
43 100
58 54.2 27.2 81.5



#60
Dibromochloromethane
Concen: 19.135 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion:129 Resp: 50528
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7

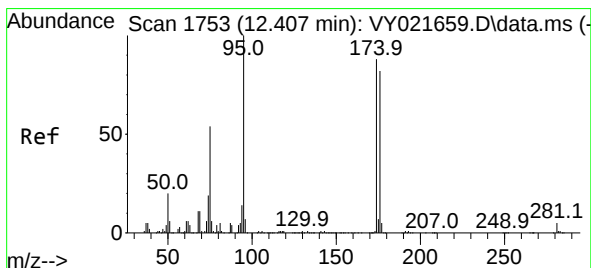
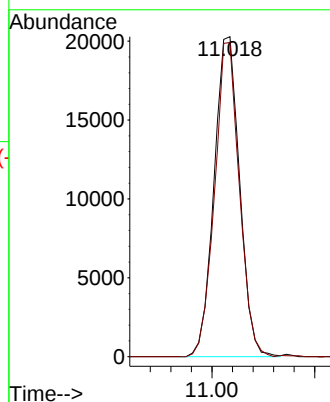
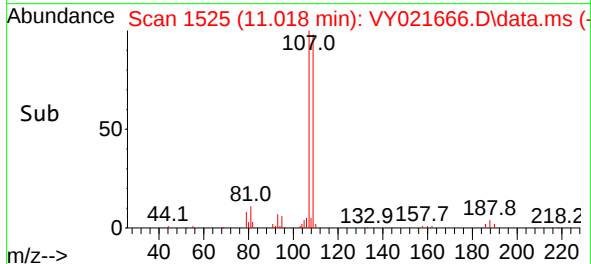
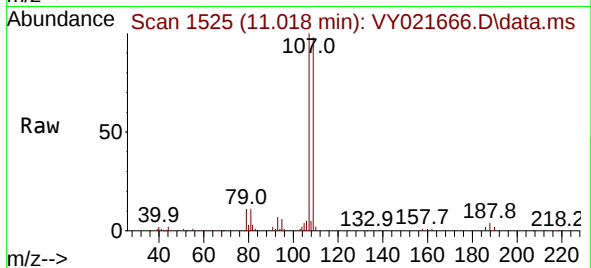




#61
1,2-Dibromoethane
Concen: 19.233 ug/l
RT: 11.018 min Scan# 11018
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

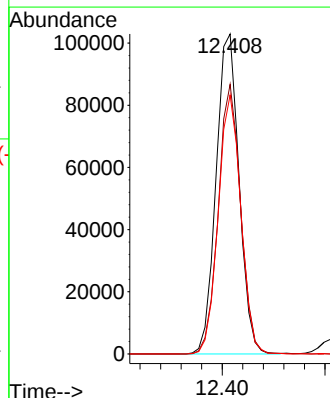
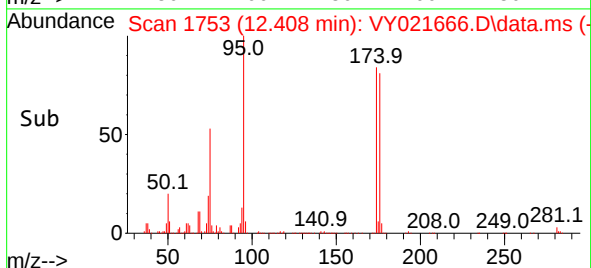
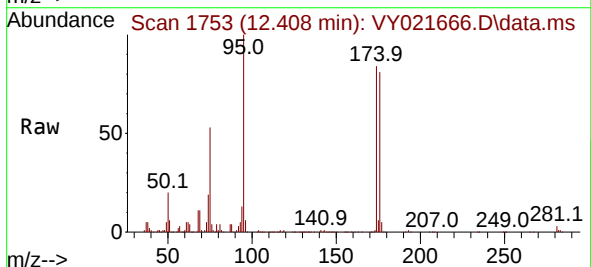
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

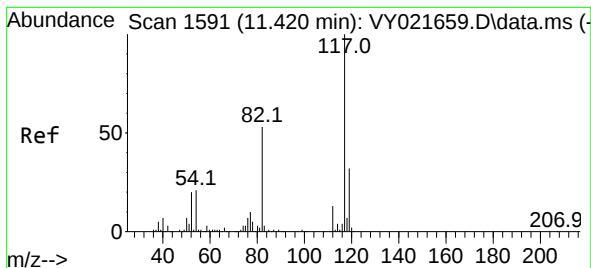
Tgt Ion:107 Resp: 34895
Ion Ratio Lower Upper
107 100
109 95.2 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 51.183 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 95 Resp: 159069
Ion Ratio Lower Upper
95 100
174 82.1 0.0 170.8
176 79.6 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

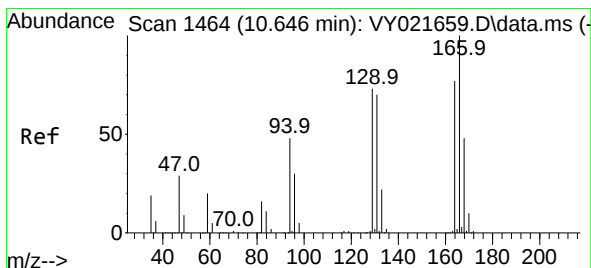
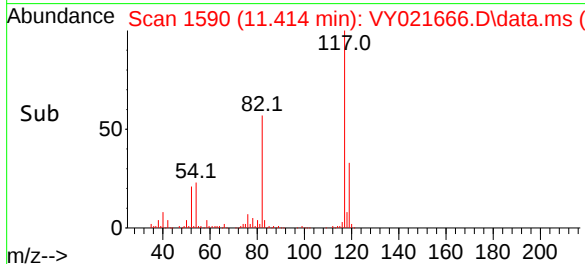
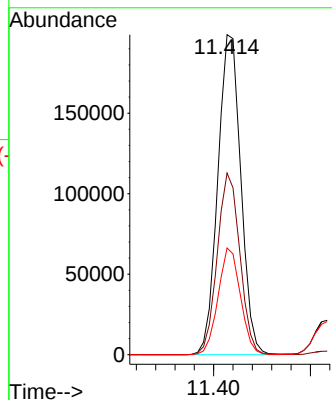
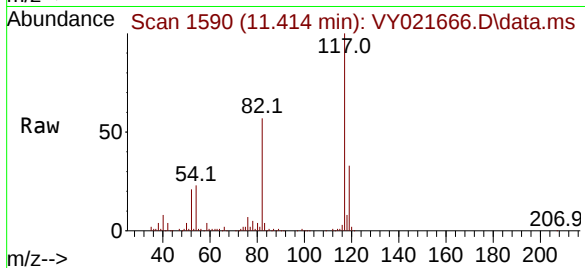
Tgt Ion:117 Resp: 328035

Ion Ratio Lower Upper

117 100

82 56.7 42.8 64.2

119 33.4 25.7 38.5



#64

Tetrachloroethene

Concen: 19.902 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Tgt Ion:164 Resp: 59459

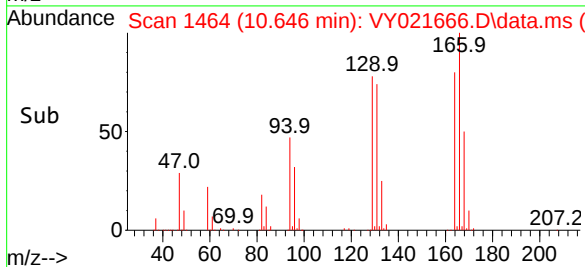
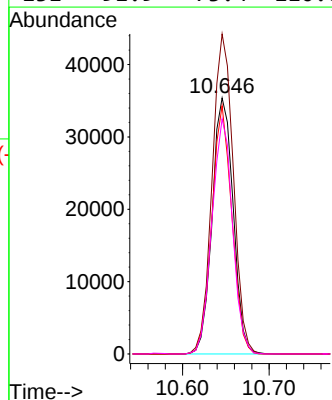
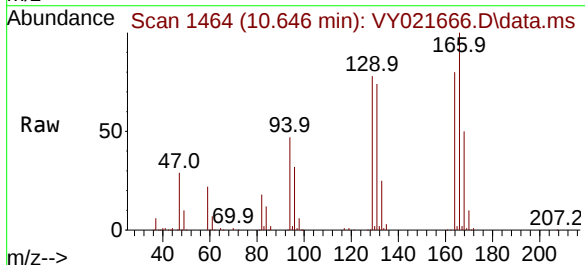
Ion Ratio Lower Upper

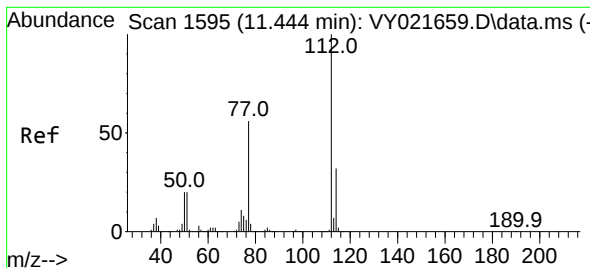
164 100

166 125.0 104.6 156.8

129 97.0 76.6 114.8

131 91.9 73.4 110.0

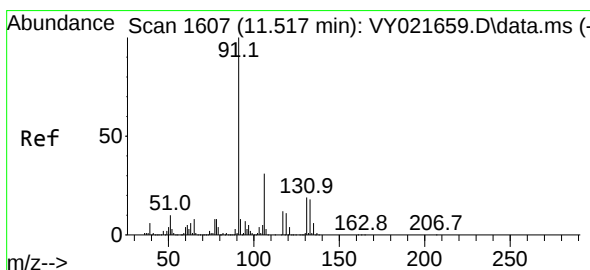
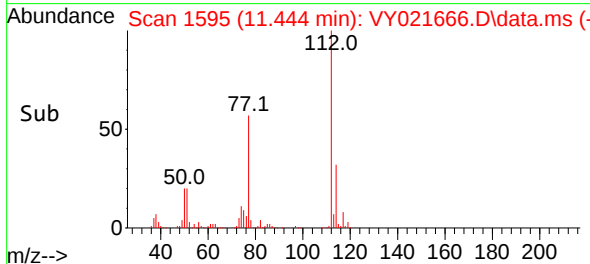
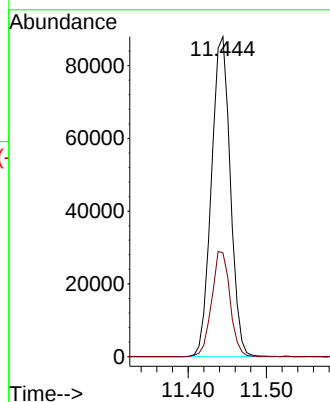
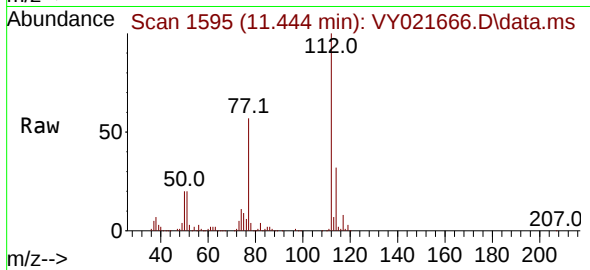




#65
Chlorobenzene
Concen: 19.612 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

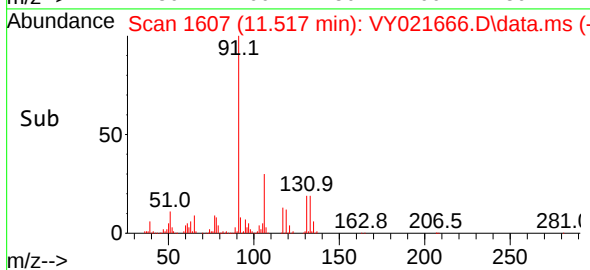
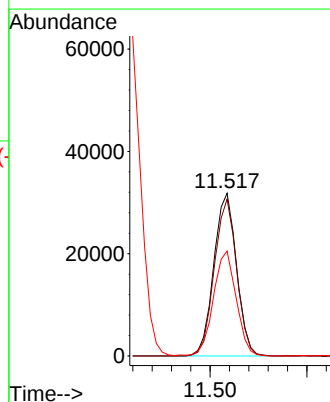
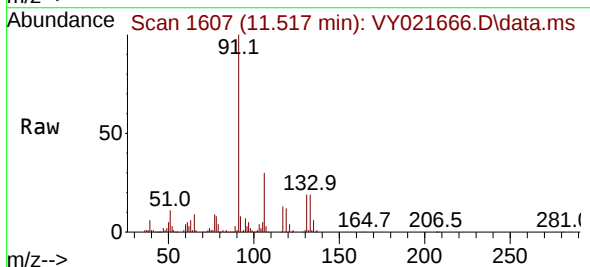
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

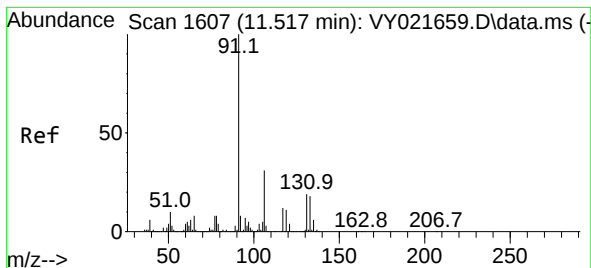
Tgt Ion:112 Resp: 147478
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.403 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion:131 Resp: 51767
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.8
119 64.7 31.6 95.0





#67

Ethyl Benzene

Concen: 19.747 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

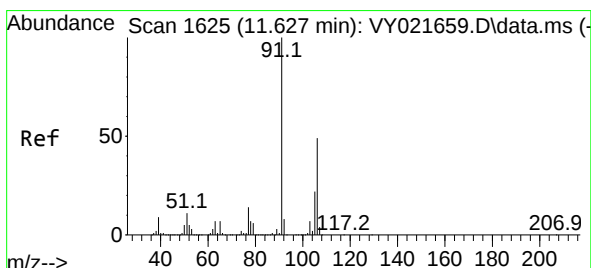
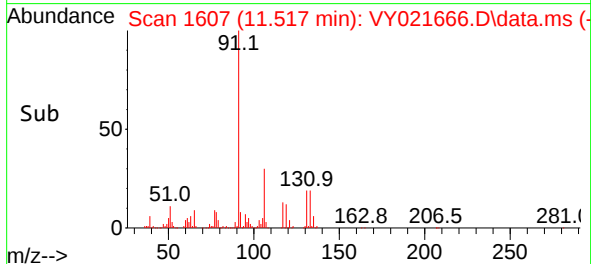
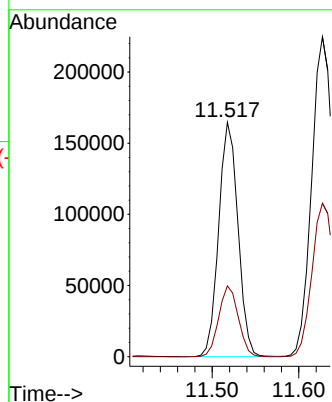
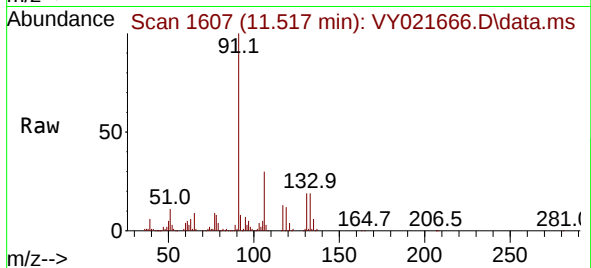
VY0327SBS01

Tgt Ion: 91 Resp: 254629

Ion Ratio Lower Upper

91 100

106 30.2 24.6 36.8



#68

m/p-Xylenes

Concen: 39.335 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021666.D

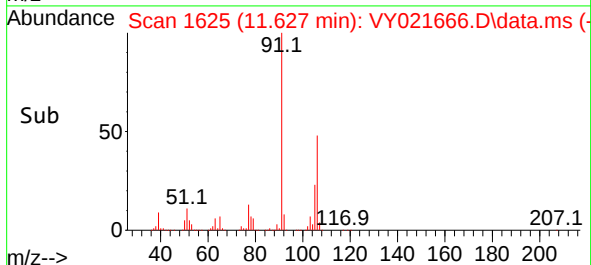
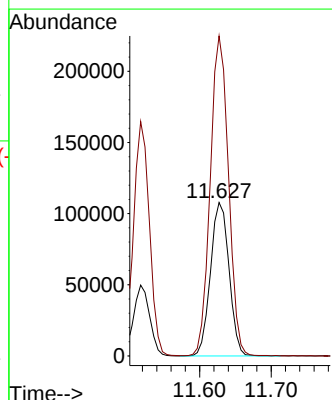
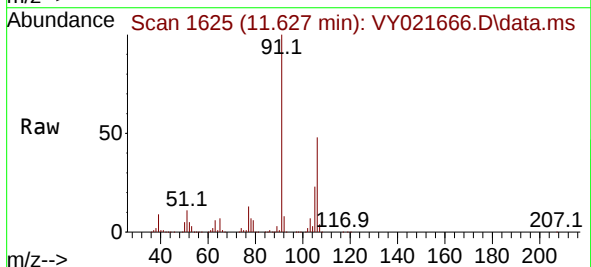
Acq: 27 Mar 2025 15:00

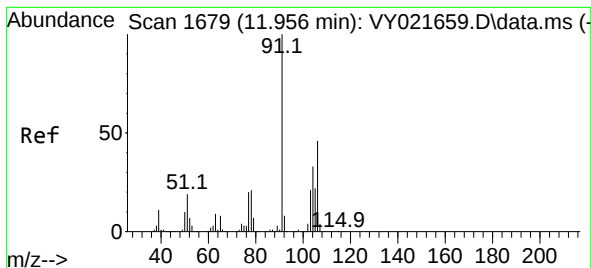
Tgt Ion: 106 Resp: 194225

Ion Ratio Lower Upper

106 100

91 205.3 162.4 243.6





#69

o-Xylene

Concen: 19.826 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

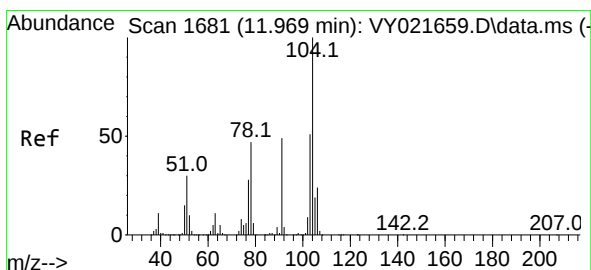
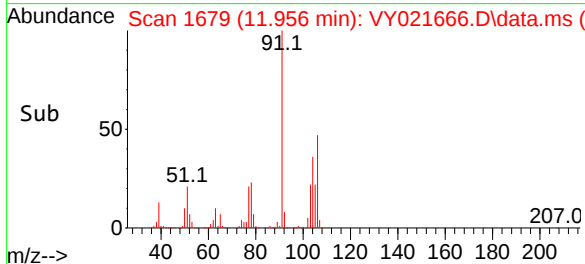
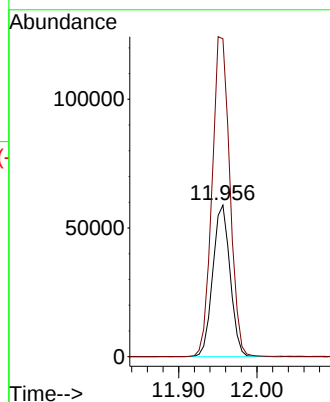
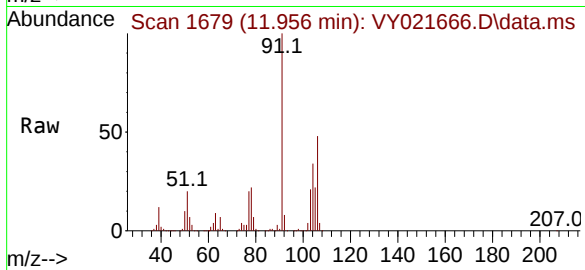
VY0327SBSD01

Tgt Ion:106 Resp: 90365

Ion Ratio Lower Upper

106 100

91 216.9 106.7 319.9



#70

Styrene

Concen: 19.908 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

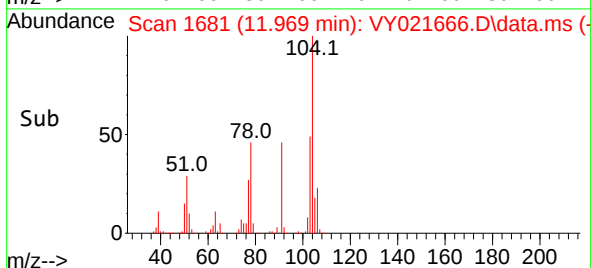
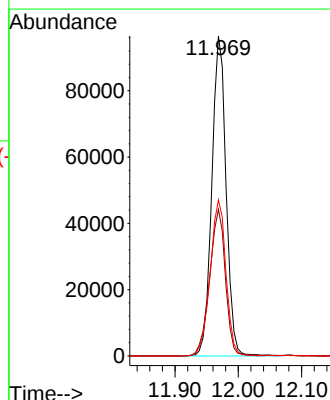
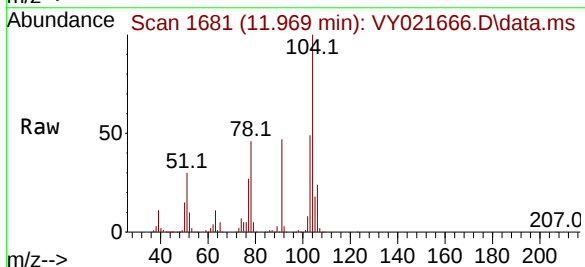
Tgt Ion:104 Resp: 151292

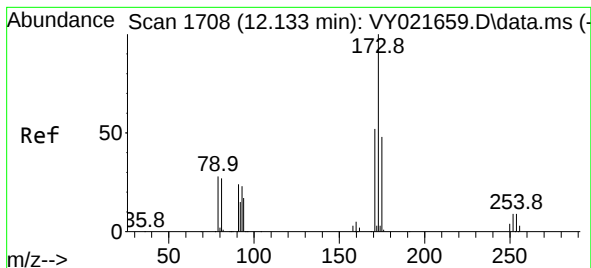
Ion Ratio Lower Upper

104 100

78 50.4 40.8 61.2

103 53.9 44.2 66.2





#71

Bromoform

Concen: 18.985 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

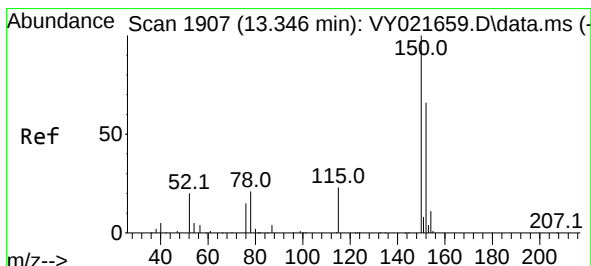
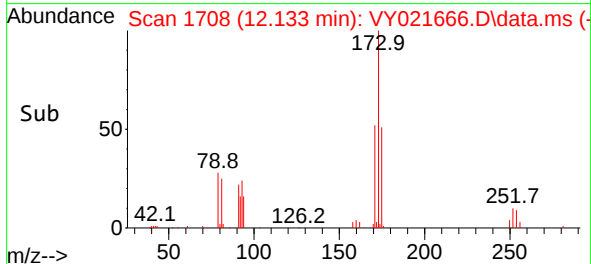
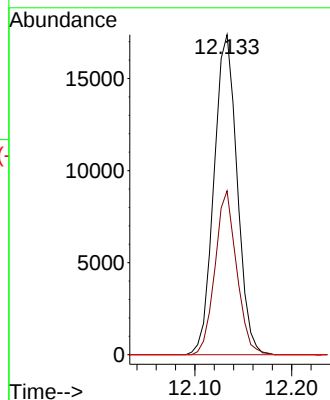
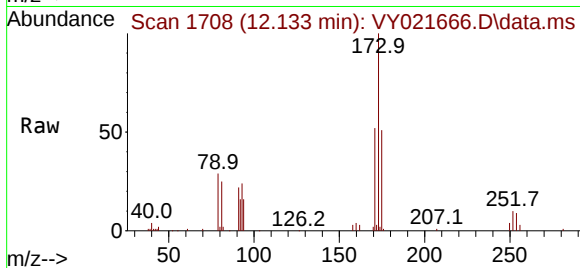
Tgt Ion:173 Resp: 28892

Ion Ratio Lower Upper

173 100

175 47.8 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

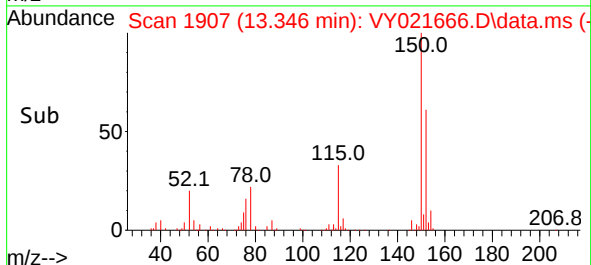
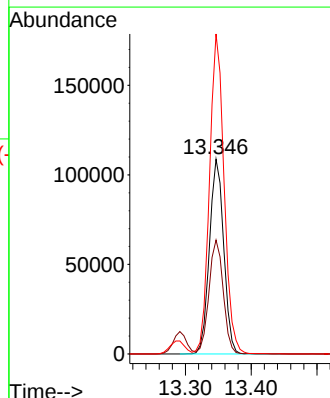
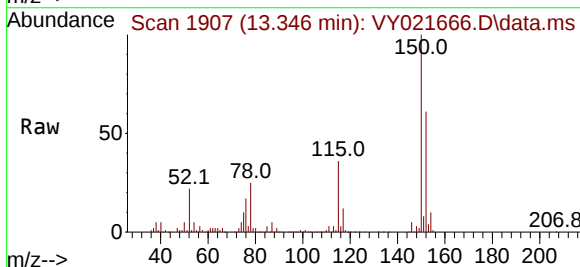
Tgt Ion:152 Resp: 164640

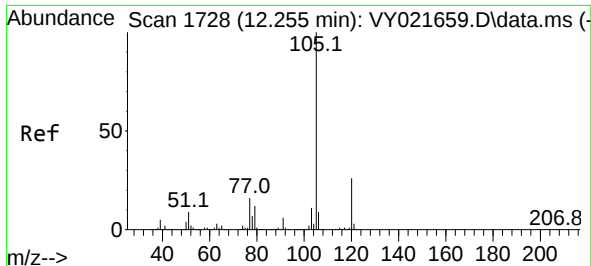
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 167.6 0.0 348.4

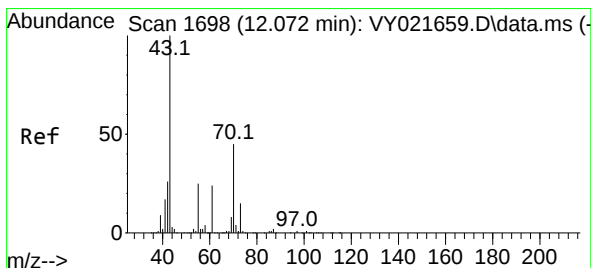
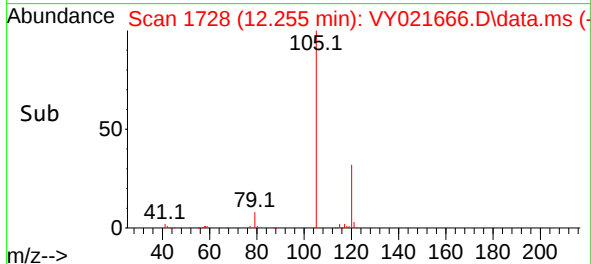
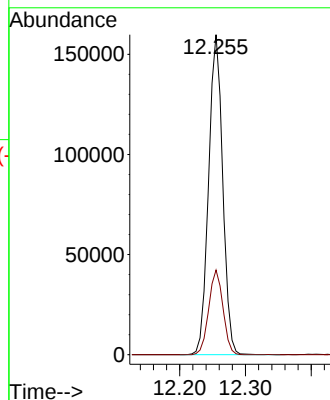
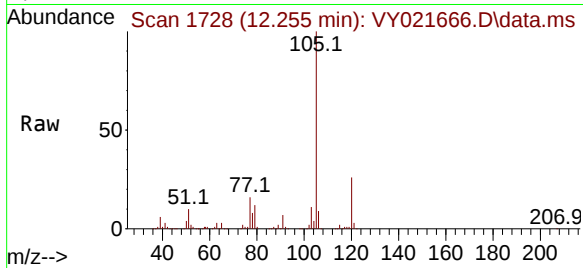




#73
Isopropylbenzene
Concen: 19.470 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

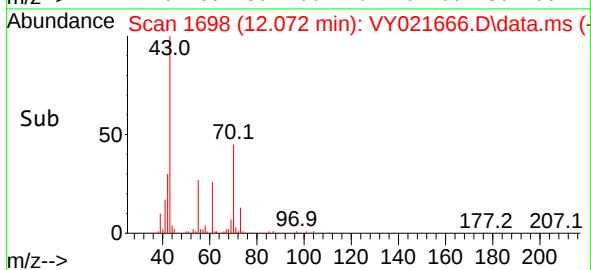
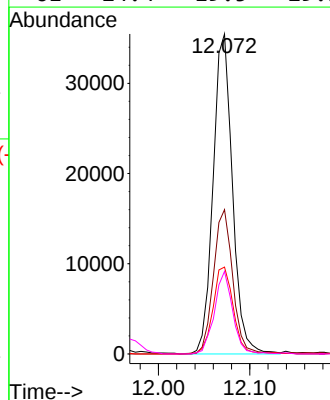
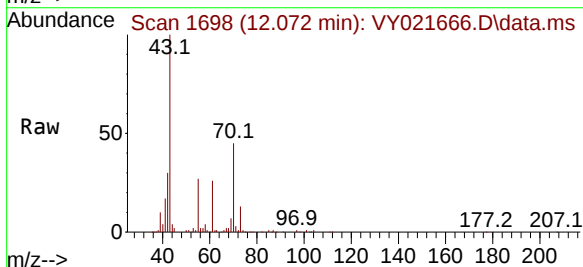
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

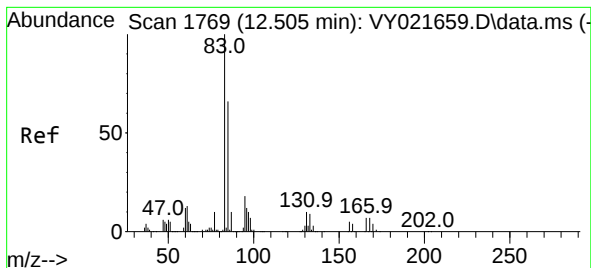
Tgt Ion:105 Resp: 238083
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5



#74
N-ethyl acetate
Concen: 18.182 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 43 Resp: 52180
Ion Ratio Lower Upper
43 100
70 45.2 34.7 52.1
55 28.6 21.2 31.8
61 24.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.400 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

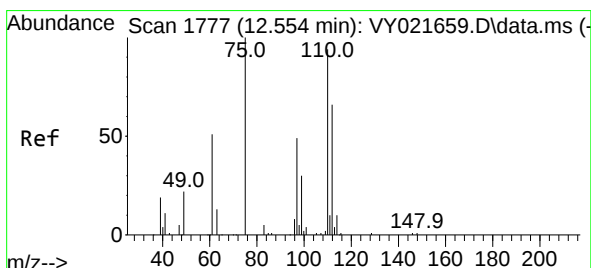
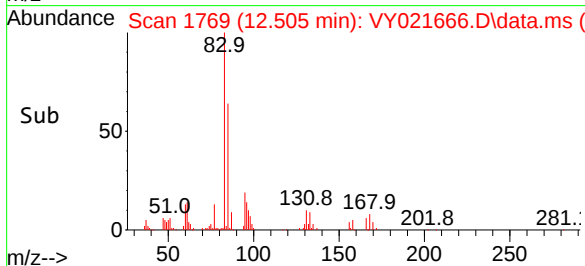
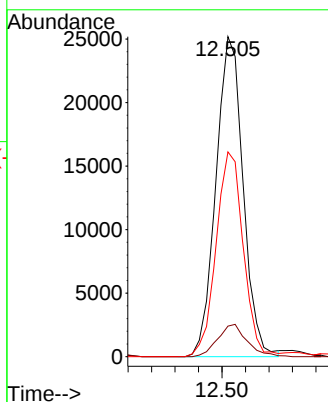
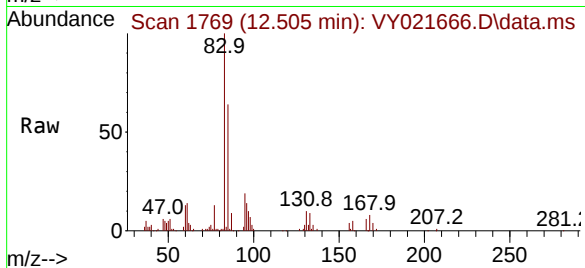
Tgt Ion: 83 Resp: 40453

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

85 64.0 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 33.591 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021666.D

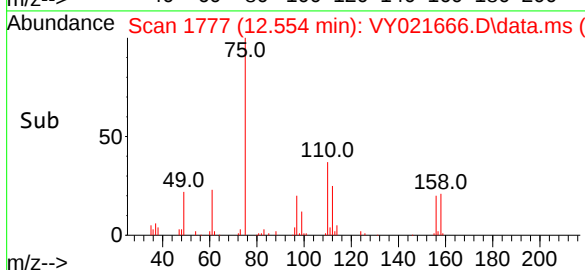
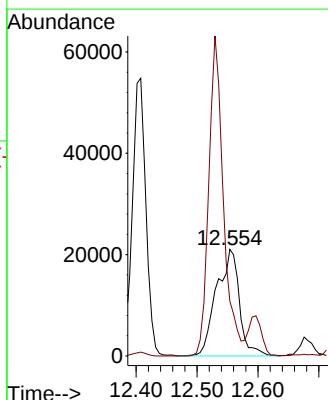
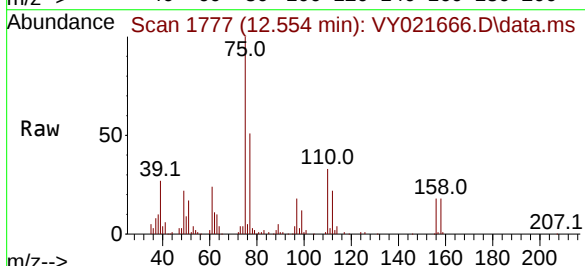
Acq: 27 Mar 2025 15:00

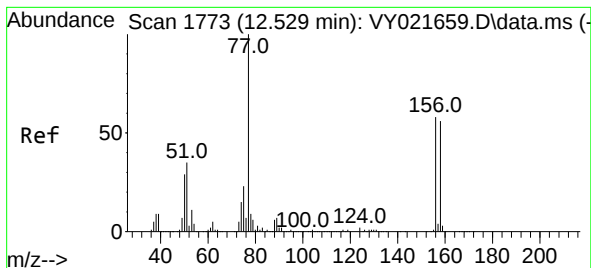
Tgt Ion: 75 Resp: 54821

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.729 ug/l

RT: 12.530 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

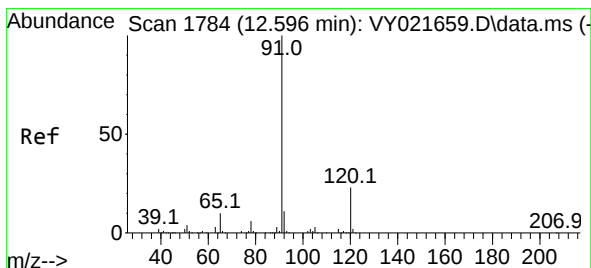
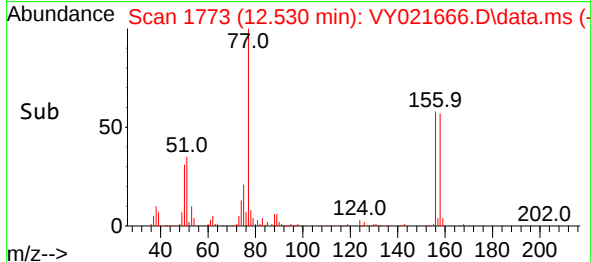
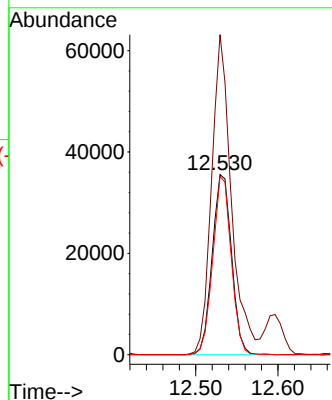
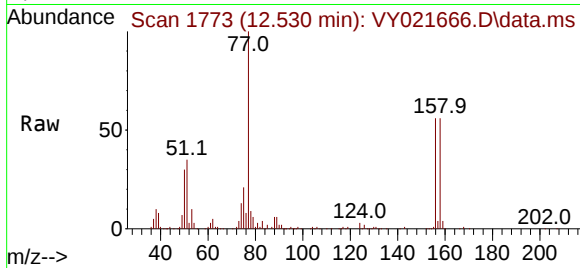
Tgt Ion:156 Resp: 57925

Ion Ratio Lower Upper

156 100

77 181.7 92.8 278.3

158 94.5 48.5 145.6



#78

n-propylbenzene

Concen: 20.243 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021666.D

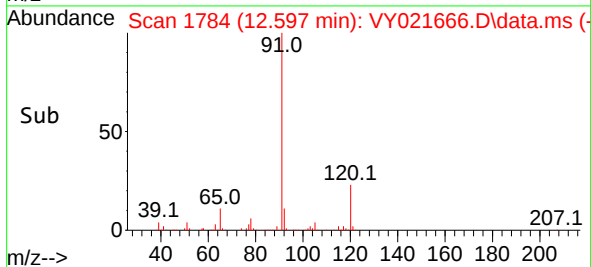
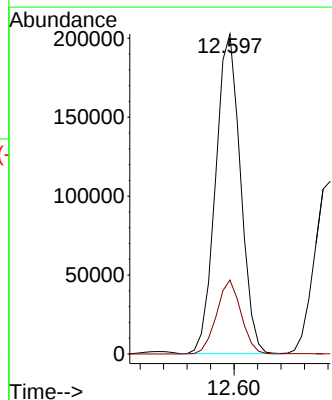
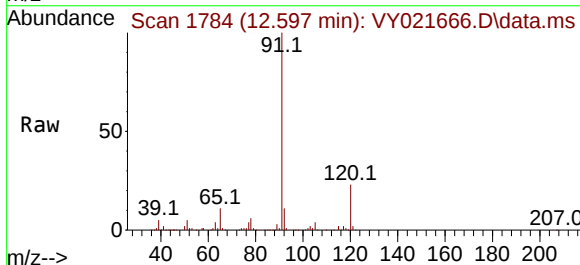
Acq: 27 Mar 2025 15:00

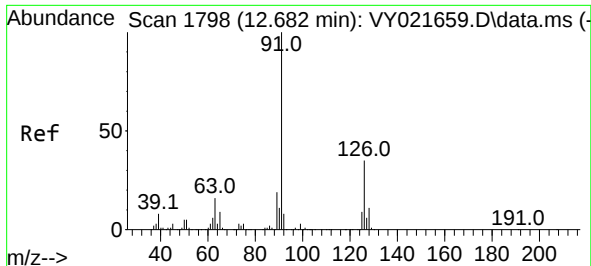
Tgt Ion: 91 Resp: 297608

Ion Ratio Lower Upper

91 100

120 22.7 11.3 33.9

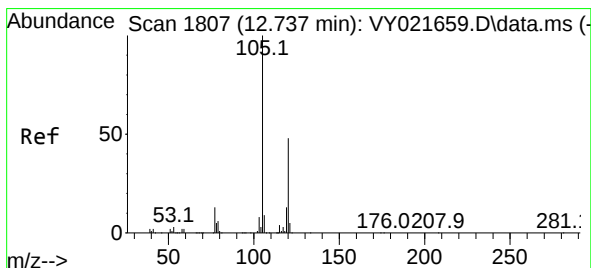
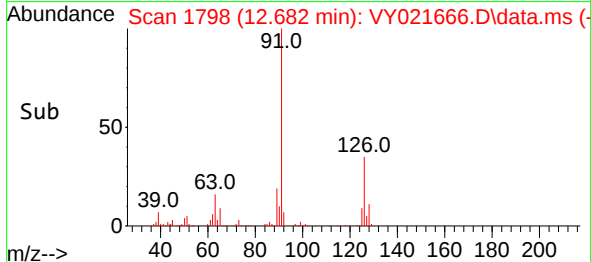
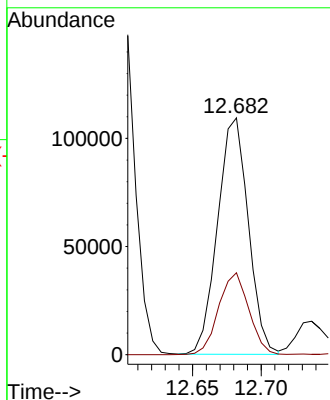
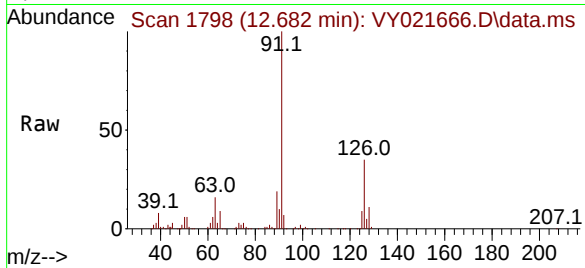




#79
2-Chlorotoluene
Concen: 20.011 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

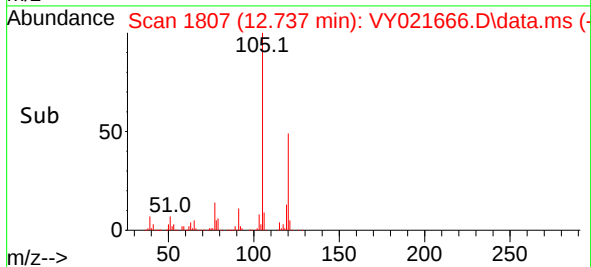
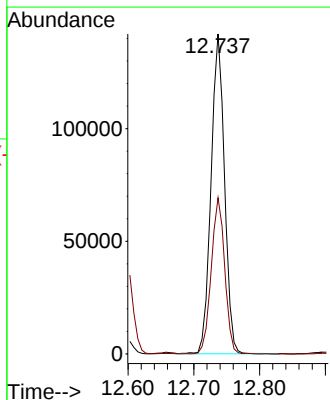
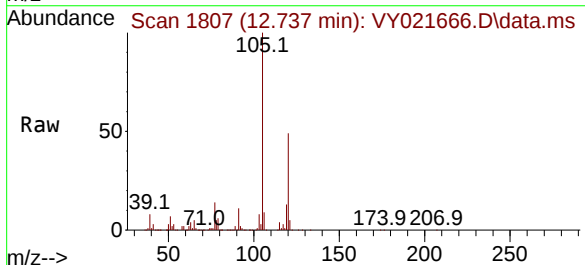
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

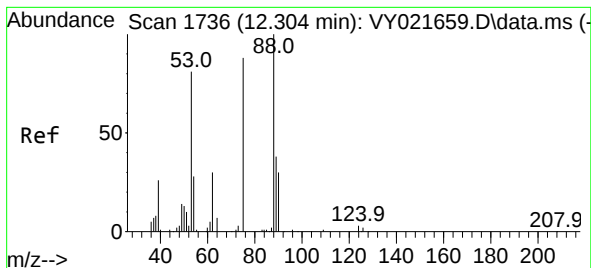
Tgt Ion: 91 Resp: 170873
Ion Ratio Lower Upper
91 100
126 34.0 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 20.233 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 105 Resp: 202211
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5

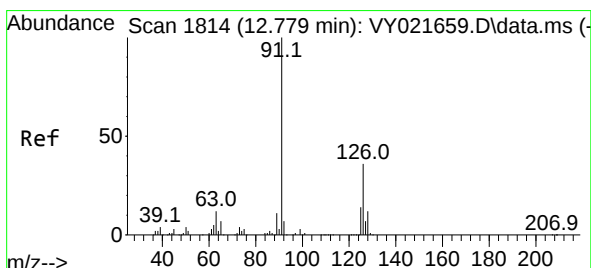
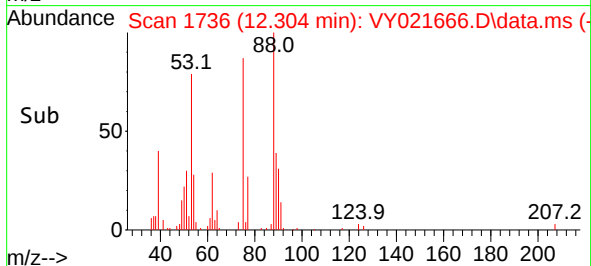
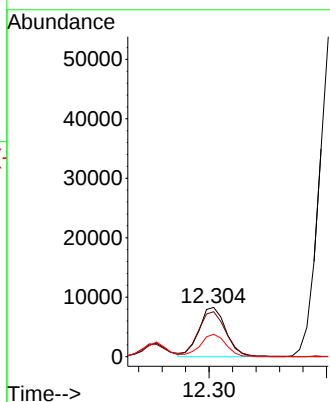
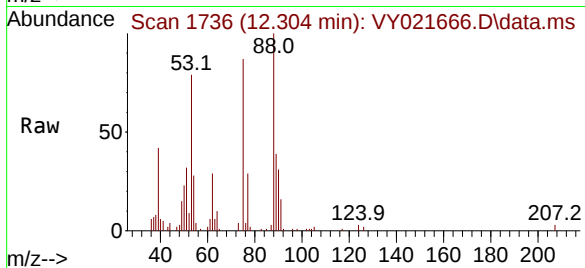




#81
trans-1,4-Dichloro-2-butene
Concen: 18.601 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

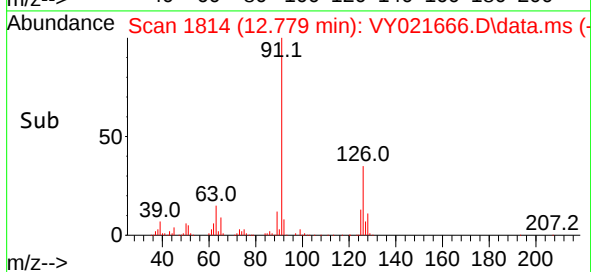
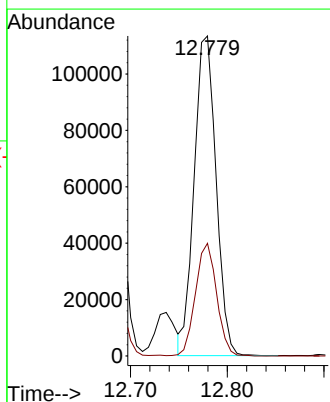
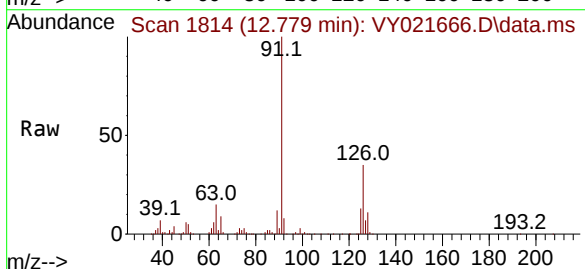
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

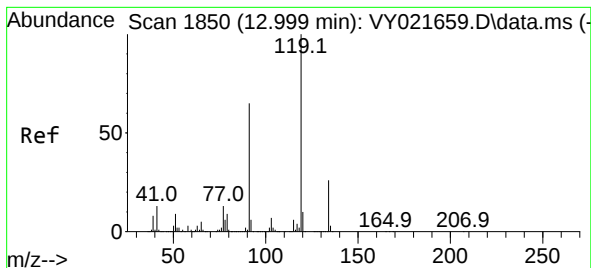
Tgt Ion: 75 Resp: 13175
Ion Ratio Lower Upper
75 100
53 95.5 76.1 114.1
89 43.5 36.2 54.4



#82
4-Chlorotoluene
Concen: 20.054 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 91 Resp: 178523
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9





#83

tert-Butylbenzene

Concen: 19.717 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

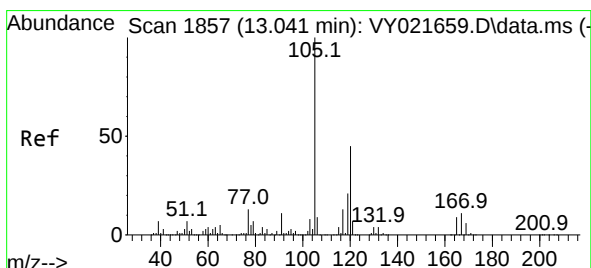
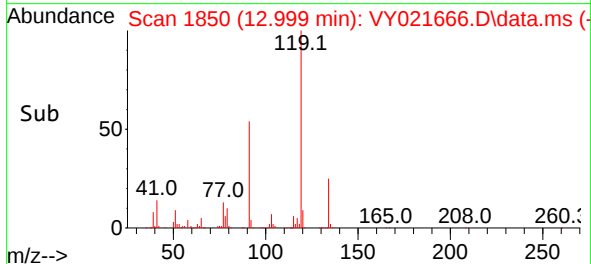
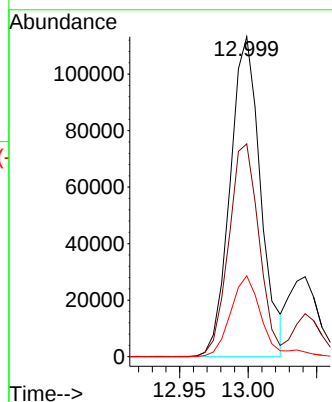
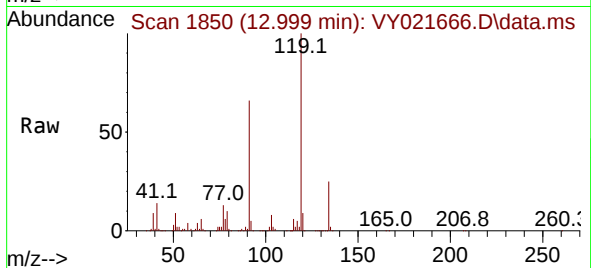
Tgt Ion:119 Resp: 175516

Ion Ratio Lower Upper

119 100

91 66.1 32.6 97.7

134 26.0 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 20.417 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021666.D

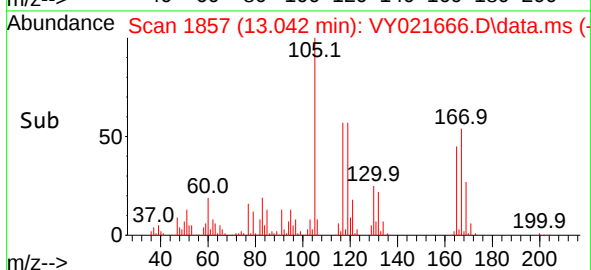
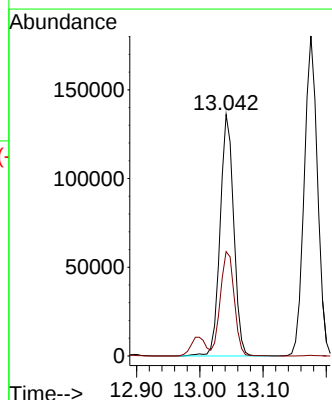
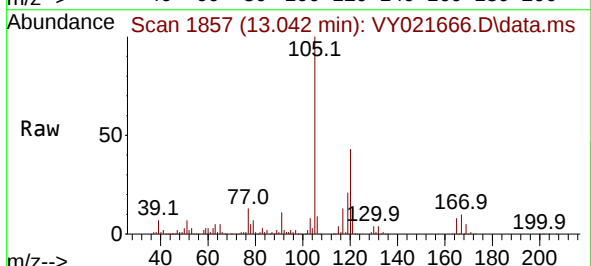
Acq: 27 Mar 2025 15:00

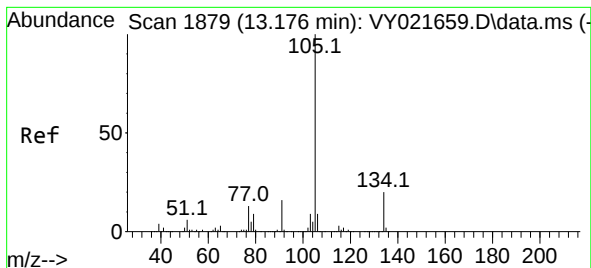
Tgt Ion:105 Resp: 201672

Ion Ratio Lower Upper

105 100

120 44.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.084 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

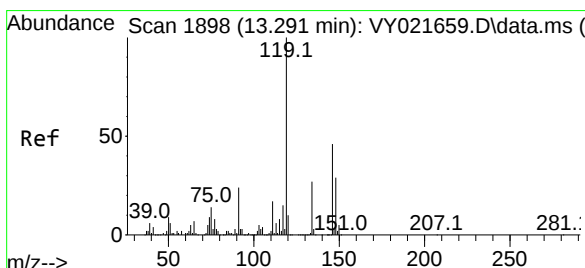
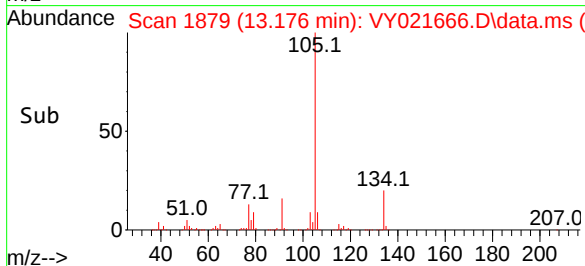
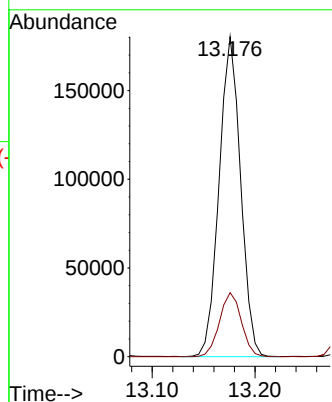
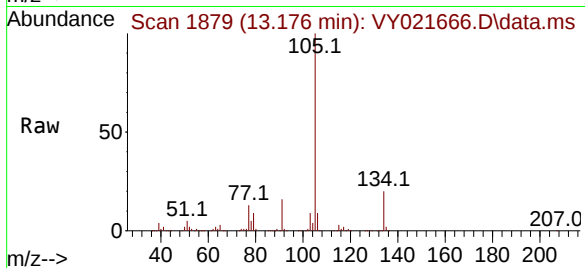
VY0327SBSD01

Tgt Ion:105 Resp: 261271

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.512 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

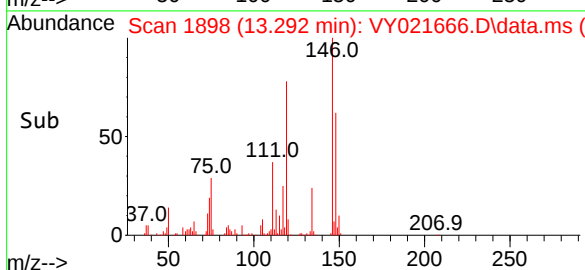
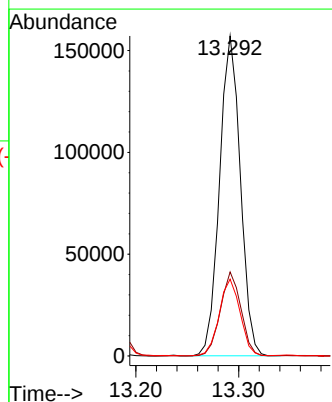
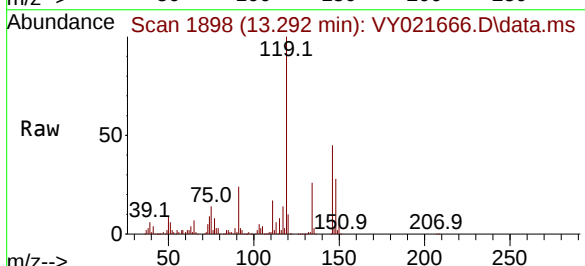
Tgt Ion:119 Resp: 220548

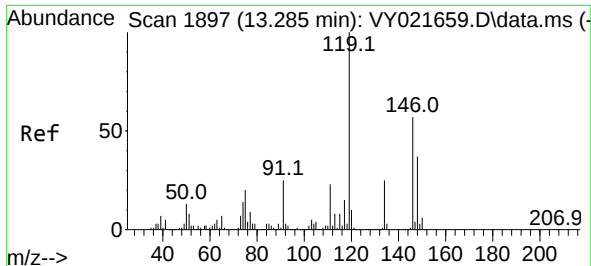
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 24.0 12.0 36.0

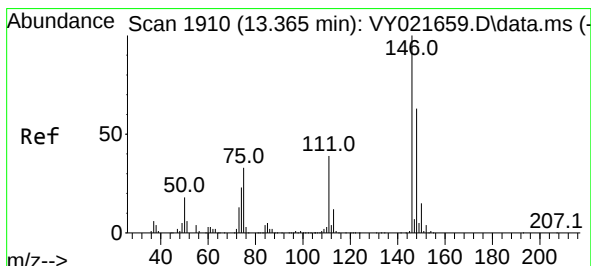
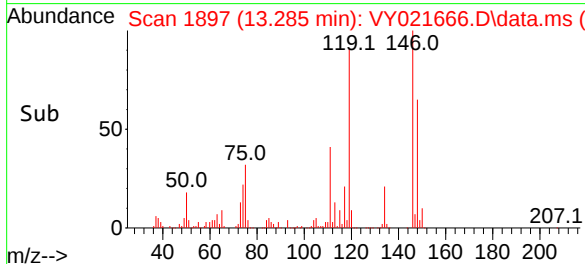
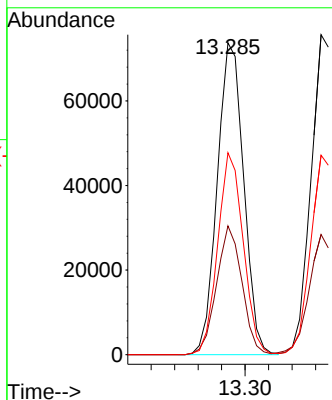
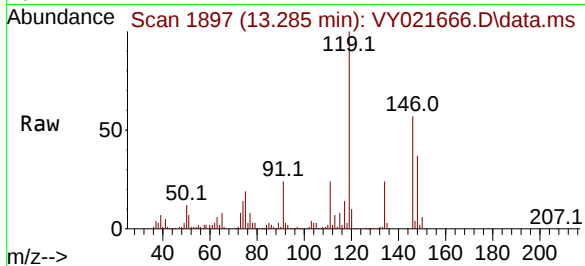




#87
1,3-Dichlorobenzene
Concen: 19.955 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

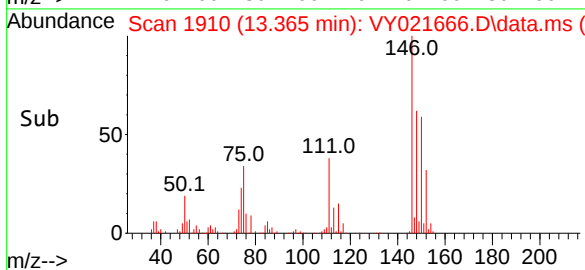
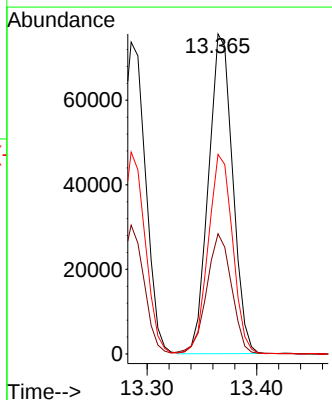
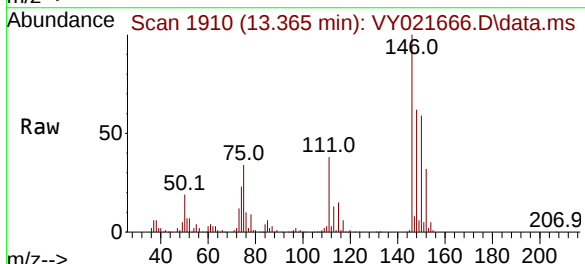
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

Tgt Ion:146 Resp: 115428
Ion Ratio Lower Upper
146 100
111 39.6 20.0 60.0
148 62.5 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 20.278 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion:146 Resp: 115889
Ion Ratio Lower Upper
146 100
111 39.1 19.1 57.1
148 63.3 31.5 94.5





#89

n-Butylbenzene

Concen: 20.152 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

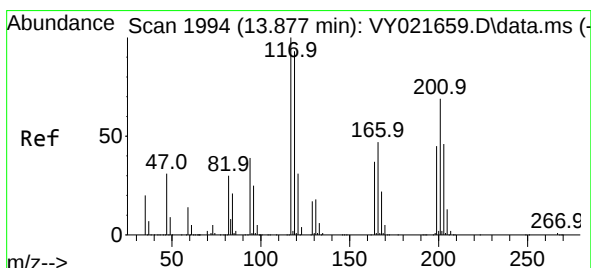
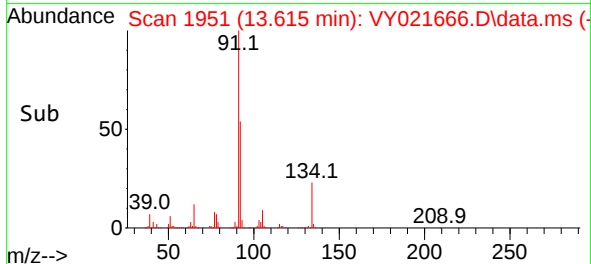
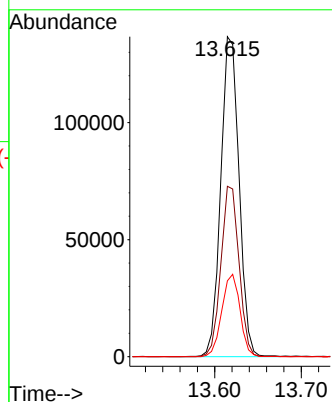
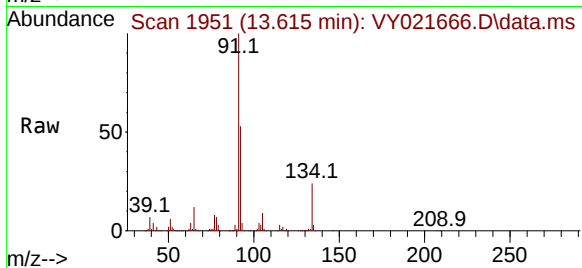
Tgt Ion: 91 Resp: 200386

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 25.6 12.8 38.4



#90

Hexachloroethane

Concen: 19.557 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021666.D

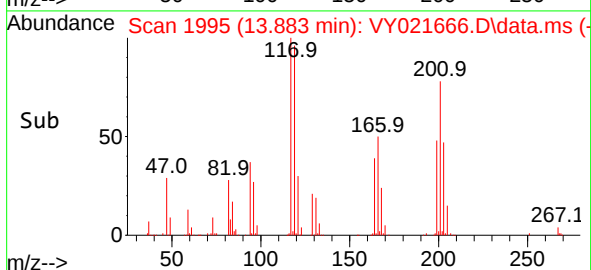
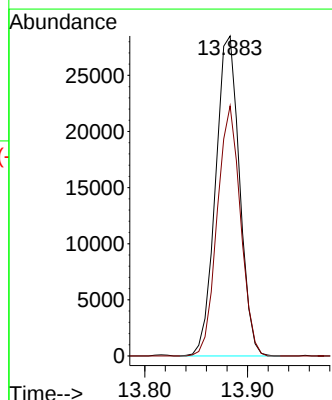
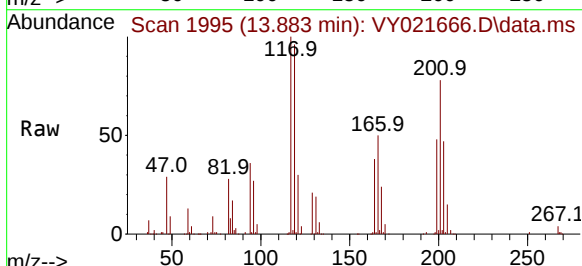
Acq: 27 Mar 2025 15:00

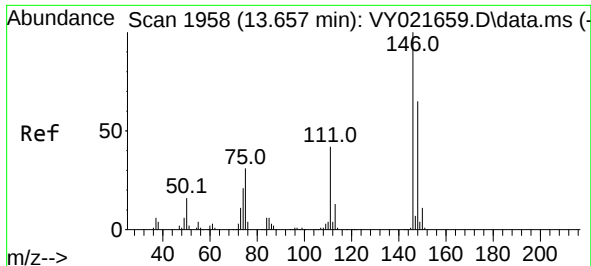
Tgt Ion: 117 Resp: 46080

Ion Ratio Lower Upper

117 100

201 76.0 37.4 112.1

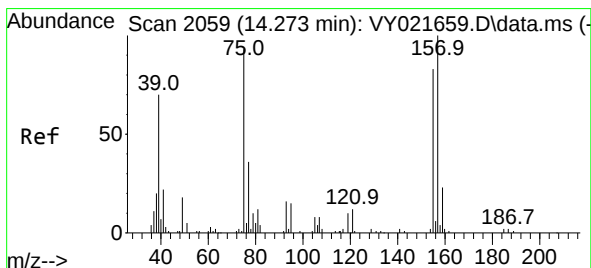
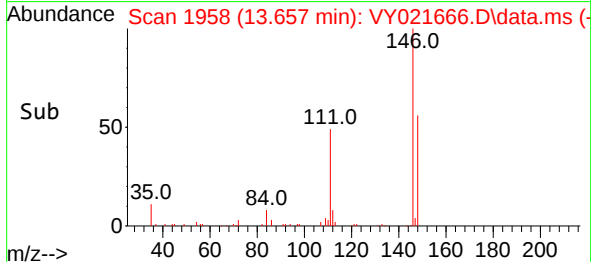
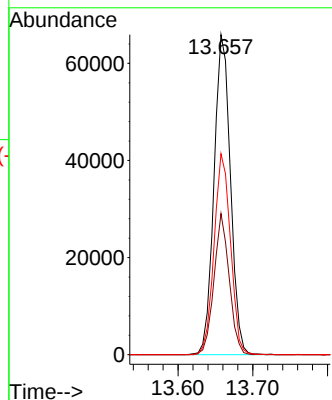
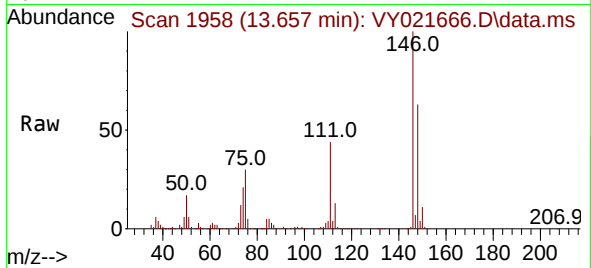




#91
1,2-Dichlorobenzene
Concen: 20.018 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

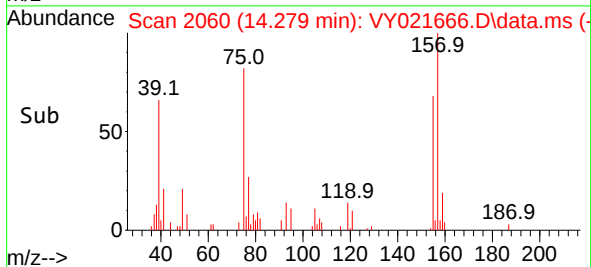
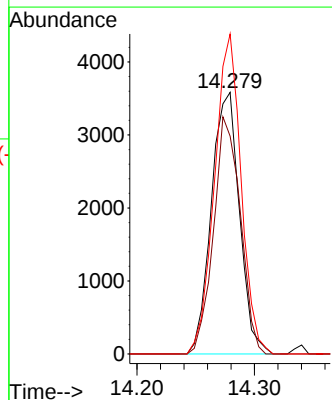
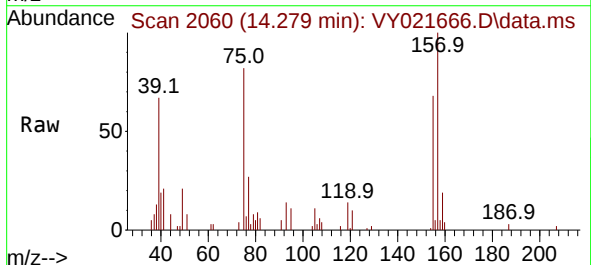
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

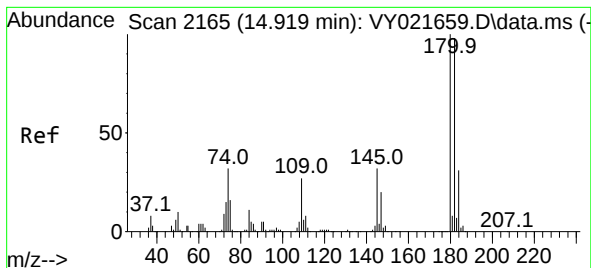
Tgt Ion:146 Resp: 100799
Ion Ratio Lower Upper
146 100
111 40.8 20.7 62.1
148 62.6 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.452 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021666.D
Acq: 27 Mar 2025 15:00

Tgt Ion: 75 Resp: 5947
Ion Ratio Lower Upper
75 100
155 86.5 43.0 128.8
157 115.8 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 20.602 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

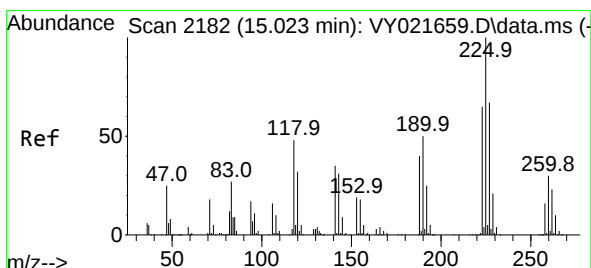
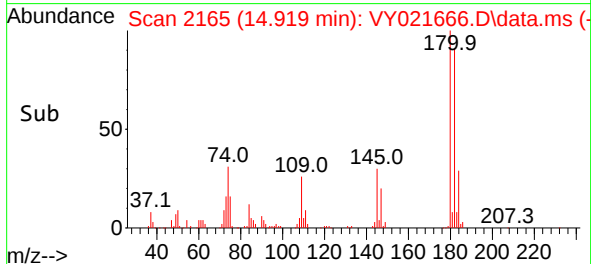
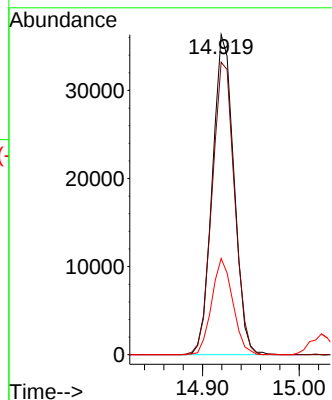
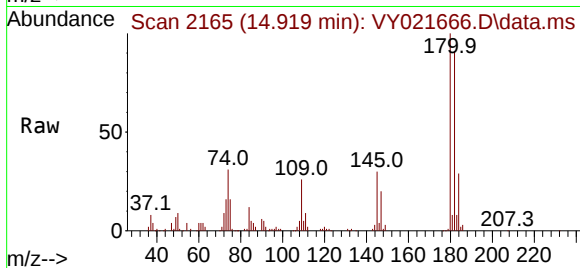
Tgt Ion:180 Resp: 56258

Ion Ratio Lower Upper

180 100

182 94.9 47.5 142.6

145 29.4 14.9 44.9



#94

Hexachlorobutadiene

Concen: 21.162 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

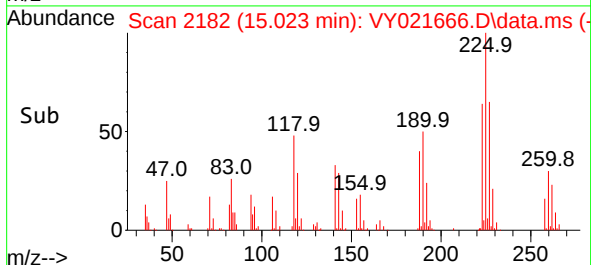
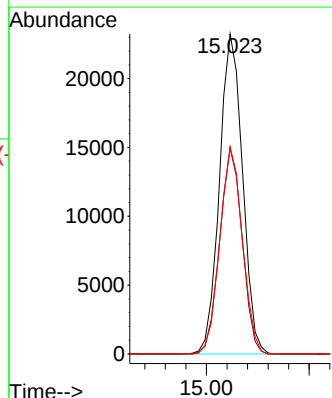
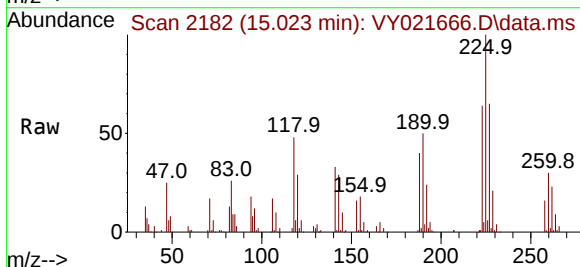
Tgt Ion:225 Resp: 36091

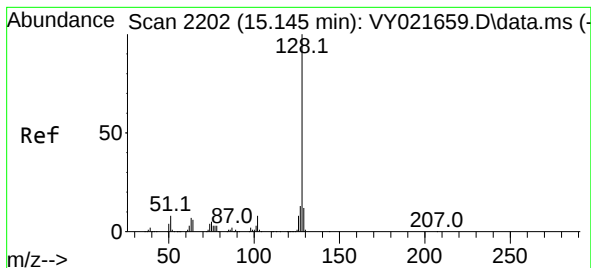
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.7

227 63.4 32.4 97.0





#95

Naphthalene

Concen: 18.957 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

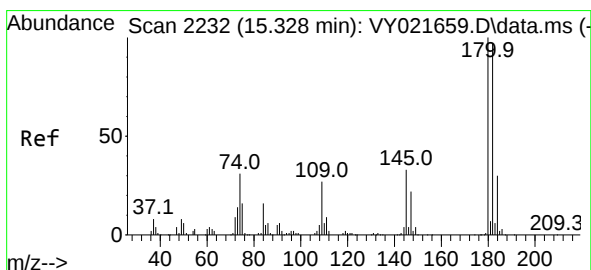
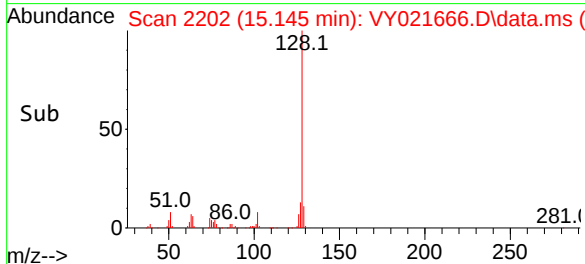
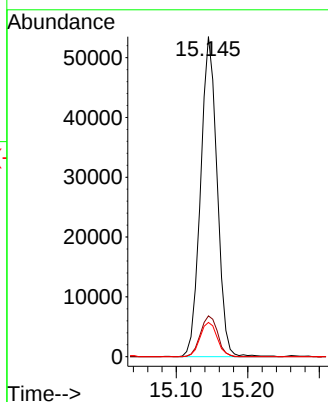
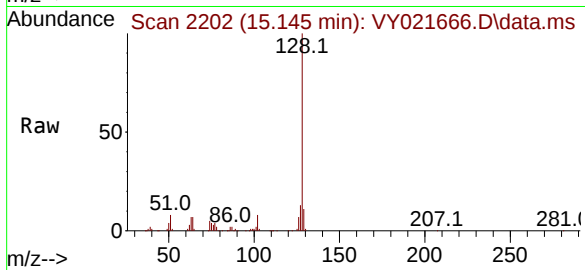
Tgt Ion:128 Resp: 85805

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.245 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021666.D

Acq: 27 Mar 2025 15:00

Tgt Ion:180 Resp: 47143

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.5

145 33.7 15.9 47.7

