

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
 Data File : VY021593.D
 Acq On : 21 Mar 2025 12:42
 Operator : SY/MD
 Sample : VY0321SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBSD01

Quant Time: Mar 21 23:10:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	195016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	301454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	268718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	142255	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	127055	61.641	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.280%	
35) Dibromofluoromethane	7.634	113	123477	62.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.620%	
50) Toluene-d8	10.103	98	447245	59.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 119.220%	
62) 4-Bromofluorobenzene	12.408	95	155706	61.012	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 122.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	32851	18.357	ug/l	98
3) Chloromethane	2.068	50	47914	18.990	ug/l	99
4) Vinyl Chloride	2.202	62	57635	20.903	ug/l	99
5) Bromomethane	2.586	94	41535	20.843	ug/l	97
6) Chloroethane	2.726	64	39051	21.432	ug/l	100
7) Trichlorofluoromethane	3.056	101	86503	22.477	ug/l	95
8) Diethyl Ether	3.452	74	21729	20.374	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	44248	20.138	ug/l	99
10) Methyl Iodide	4.001	142	43302	19.387	ug/l	100
11) Tert butyl alcohol	4.848	59	16821	113.184	ug/l	100
12) 1,1-Dichloroethene	3.787	96	38416	19.177	ug/l	94
13) Acrolein	3.647	56	10952	104.463	ug/l	90
14) Allyl chloride	4.379	41	63342	19.566	ug/l	99
15) Acrylonitrile	5.061	53	49669	109.401	ug/l	98
16) Acetone	3.866	43	51735	115.077	ug/l	95
17) Carbon Disulfide	4.104	76	105105	16.742	ug/l	99
18) Methyl Acetate	4.385	43	21423	21.477	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	105051	20.690	ug/l	95
20) Methylene Chloride	4.610	84	46621	19.756	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	43157	19.237	ug/l	97
22) Diisopropyl ether	6.018	45	143031	20.501	ug/l	97
23) Vinyl Acetate	5.958	43	412006	103.476	ug/l	99
24) 1,1-Dichloroethane	5.909	63	84463	20.512	ug/l	98
25) 2-Butanone	6.890	43	70476	113.326	ug/l	96
26) 2,2-Dichloropropane	6.884	77	75200	19.848	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	52032	20.416	ug/l	96
28) Bromochloromethane	7.244	49	36408	21.090	ug/l	100
29) Tetrahydrofuran	7.262	42	41947	109.259	ug/l	98
30) Chloroform	7.421	83	88360	20.665	ug/l	98
31) Cyclohexane	7.695	56	68348	17.705	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	79988	20.431	ug/l	98
36) 1,1-Dichloropropene	7.835	75	60261	19.429	ug/l	99
37) Ethyl Acetate	6.982	43	29539	21.547	ug/l	99
38) Carbon Tetrachloride	7.817	117	71125	19.939	ug/l	100
39) Methylcyclohexane	9.109	83	69739	18.330	ug/l	97
40) Benzene	8.079	78	182493	19.973	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	17242	23.098	ug/l #	90
42) 1,2-Dichloroethane	8.152	62	52509	20.543	ug/l	98
43) Isopropyl Acetate	8.195	43	56322	21.164	ug/l #	87
44) Trichloroethene	8.866	130	48098	20.832	ug/l	99
45) 1,2-Dichloropropane	9.140	63	44022	20.244	ug/l	99
46) Dibromomethane	9.231	93	25937	21.436	ug/l	98
47) Bromodichloromethane	9.420	83	67645	21.052	ug/l	98
48) Methyl methacrylate	9.219	41	24706	20.217	ug/l	96
49) 1,4-Dioxane	9.225	88	6054	509.764	ug/l #	94
51) 4-Methyl-2-Pentanone	9.999	43	148524	108.165	ug/l	99
52) Toluene	10.170	92	120578	20.932	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	58561	20.686	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	67331	20.033	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	33745	21.321	ug/l	99
56) Ethyl methacrylate	10.438	69	41055	20.339	ug/l	98
57) 1,3-Dichloropropane	10.719	76	57539	20.975	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	95509	102.498	ug/l	99
59) 2-Hexanone	10.762	43	98516	108.505	ug/l	100
60) Dibromochloromethane	10.914	129	45938	21.171	ug/l	99
61) 1,2-Dibromoethane	11.018	107	30758	20.591	ug/l	100
64) Tetrachloroethene	10.646	164	50410	23.070	ug/l	98
65) Chlorobenzene	11.438	112	127049	20.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	46303	20.639	ug/l	99
67) Ethyl Benzene	11.518	91	214810	19.286	ug/l	99
68) m/p-Xylenes	11.627	106	165818	39.214	ug/l	99
69) o-Xylene	11.956	106	76018	19.506	ug/l	98
70) Styrene	11.969	104	129337	20.005	ug/l	99
71) Bromoform	12.133	173	27584	21.994	ug/l #	98
73) Isopropylbenzene	12.255	105	206940	18.467	ug/l	98
74) N-amyl acetate	12.072	43	47517	19.525	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	38955	19.700	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	50982	35.565	ug/l #	100
77) Bromobenzene	12.530	156	49655	18.941	ug/l	99
78) n-propylbenzene	12.597	91	254997	18.737	ug/l	99
79) 2-Chlorotoluene	12.682	91	147345	18.935	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	173356	19.036	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11467	18.185	ug/l	97
82) 4-Chlorotoluene	12.779	91	153231	19.016	ug/l	99
83) tert-Butylbenzene	12.999	119	155034	19.084	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	175480	19.408	ug/l	99
85) sec-Butylbenzene	13.176	105	228529	18.907	ug/l	98
86) p-Isopropyltoluene	13.292	119	190717	19.152	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	101099	19.373	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	99948	19.584	ug/l	99
89) n-Butylbenzene	13.621	91	176902	19.238	ug/l	99
90) Hexachloroethane	13.877	117	41333	19.457	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	89867	20.093	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6368	21.498	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	50826	20.805	ug/l	99
94) Hexachlorobutadiene	15.023	225	32036	20.920	ug/l	99
95) Naphthalene	15.145	128	79527	21.264	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	42662	20.764	ug/l	99

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Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

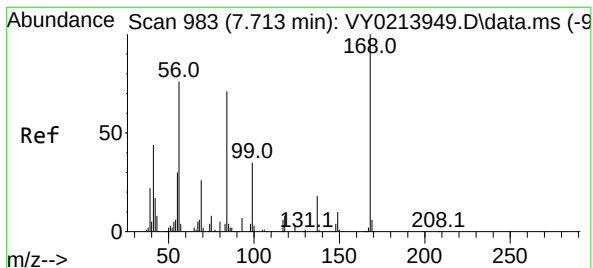
Quant Time: Mar 21 23:10:18 2025
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Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = 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# 9

Delta R.T. -0.006 min

Lab File: VY021593.D

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Instrument :

MSVOA_Y

ClientSampleId :

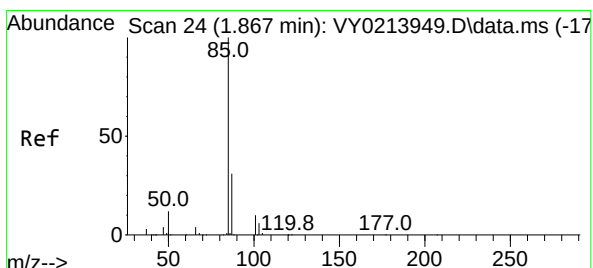
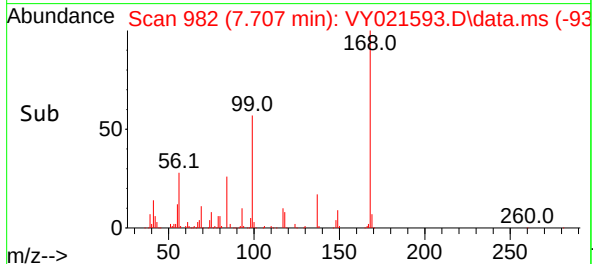
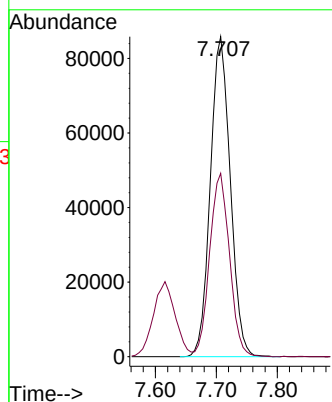
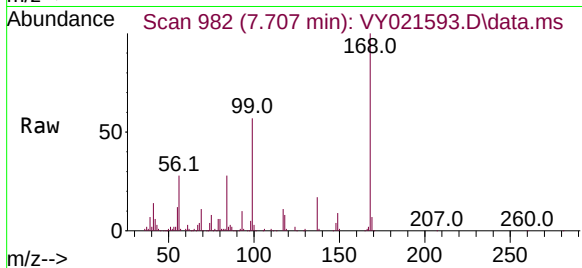
VY0321SBSD01

Tgt Ion:168 Resp: 195016

Ion Ratio Lower Upper

168 100

99 57.3 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 18.357 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY021593.D

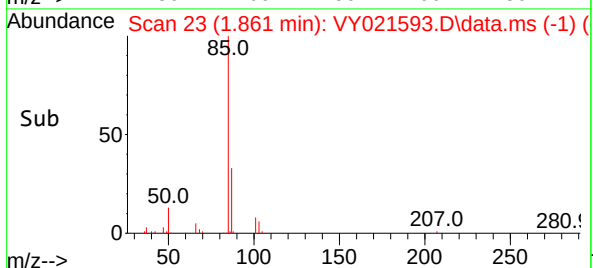
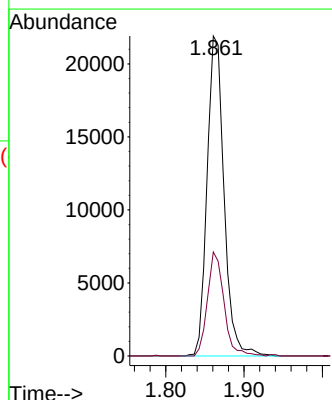
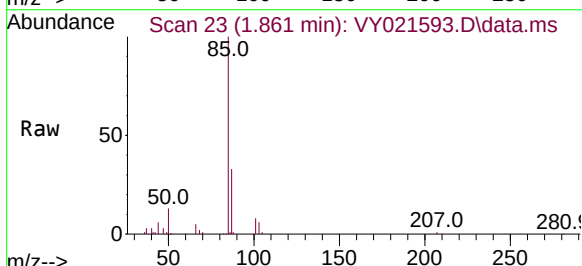
Acq: 21 Mar 2025 12:42

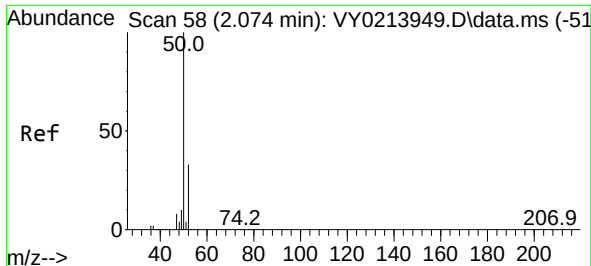
Tgt Ion: 85 Resp: 32851

Ion Ratio Lower Upper

85 100

87 32.5 15.7 47.0

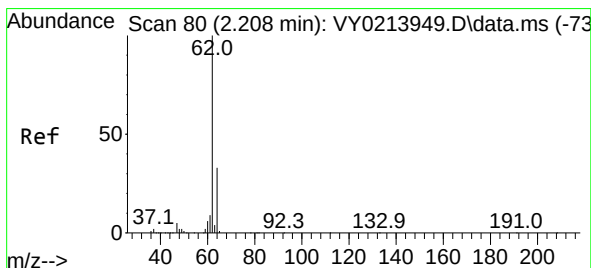
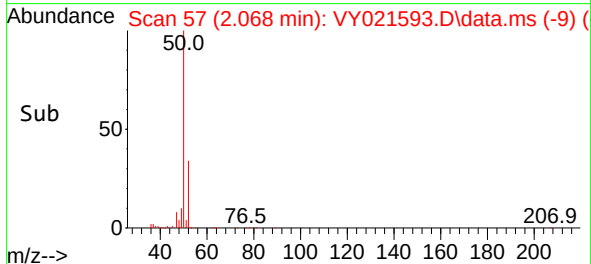
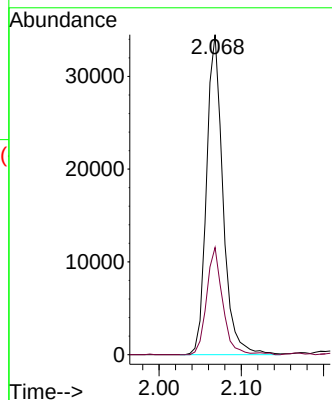
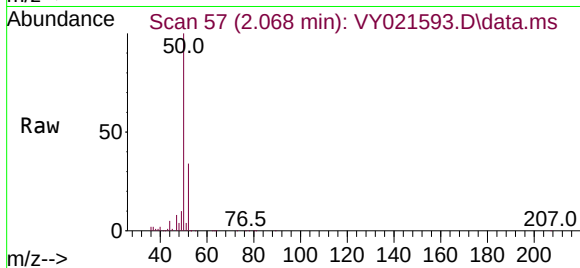




#3
Chloromethane
Concen: 18.990 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

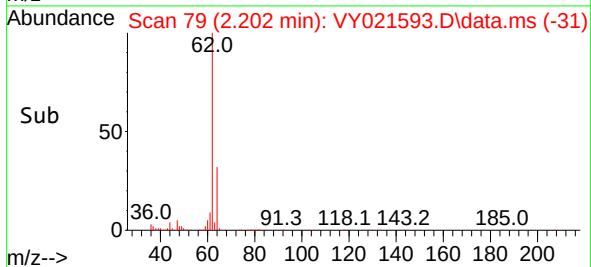
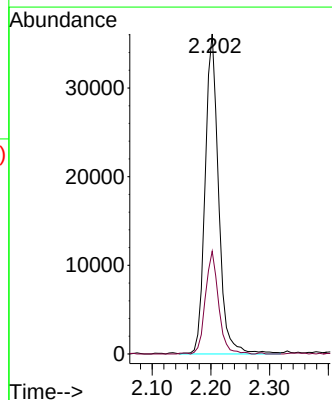
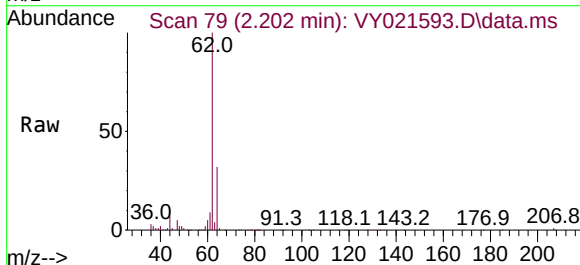
Instrument :
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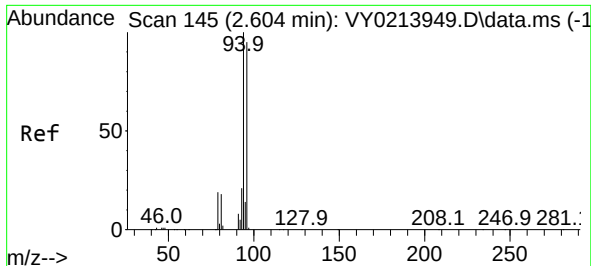
Tgt Ion: 50 Resp: 47914
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.2



#4
Vinyl Chloride
Concen: 20.903 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion: 62 Resp: 57635
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2

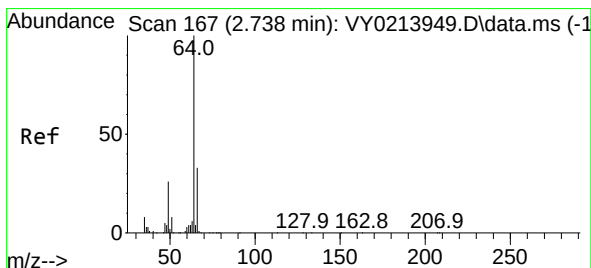
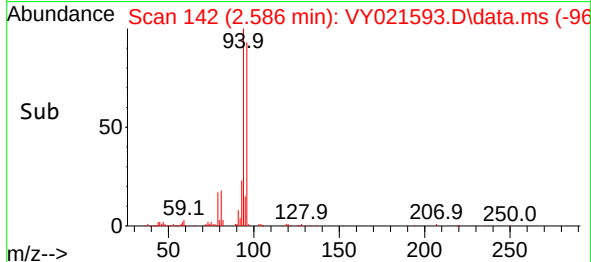
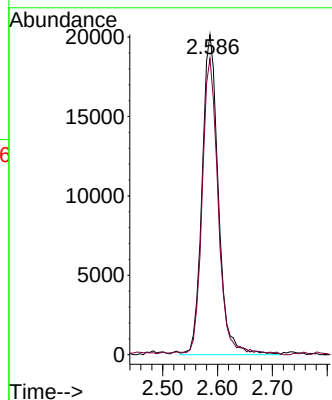
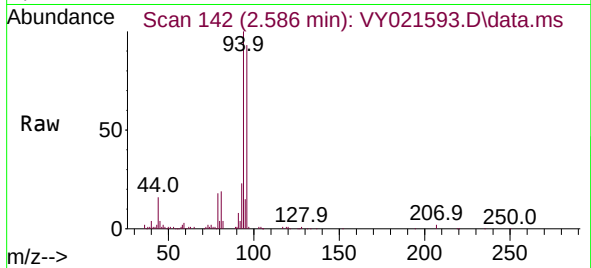




#5
Bromomethane
Concen: 20.843 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

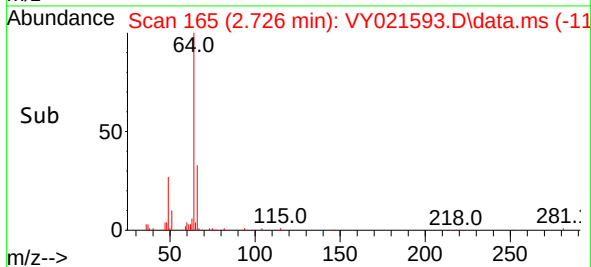
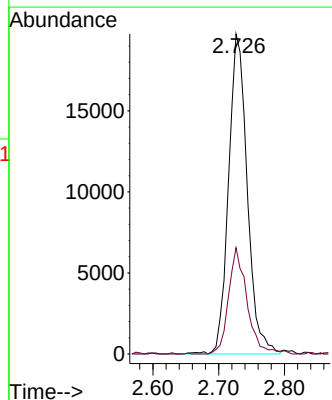
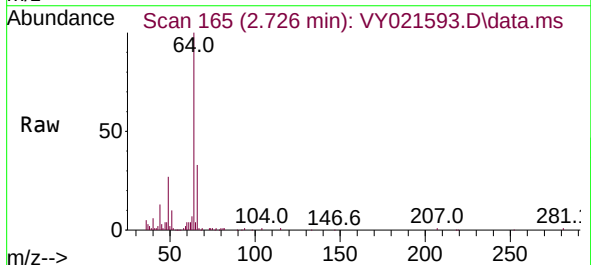
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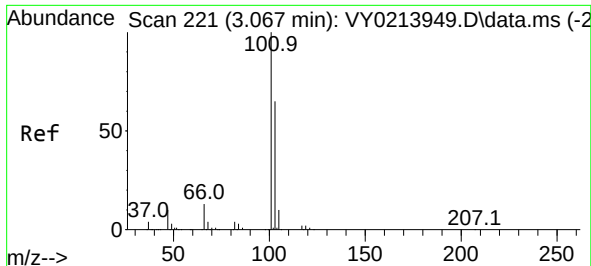
Tgt Ion: 94 Resp: 41535
Ion Ratio Lower Upper
94 100
96 92.3 76.3 114.5



#6
Chloroethane
Concen: 21.432 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion: 64 Resp: 39051
Ion Ratio Lower Upper
64 100
66 33.2 26.7 40.1

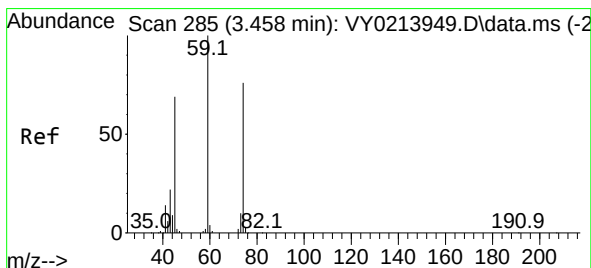
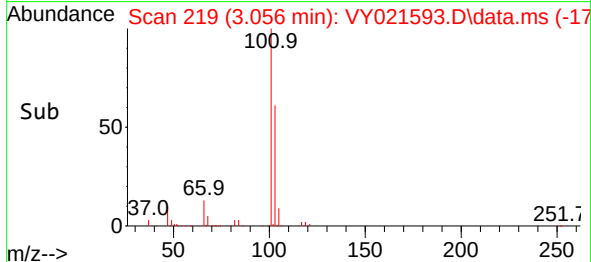
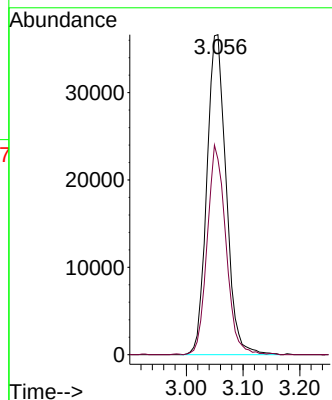
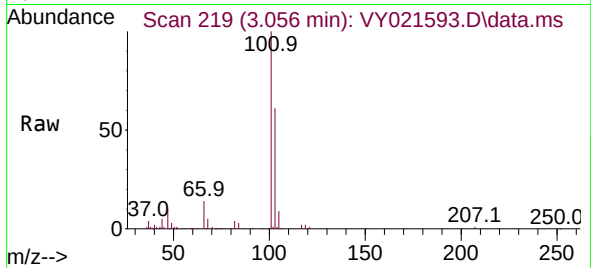




#7
Trichlorofluoromethane
Concen: 22.477 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

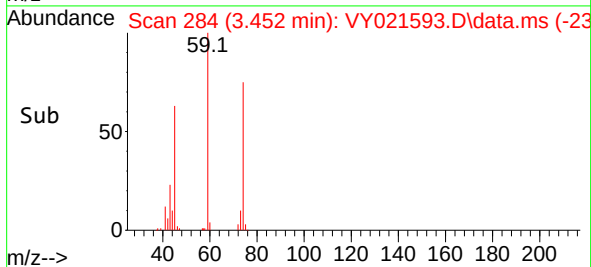
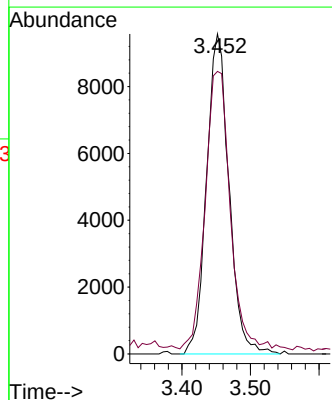
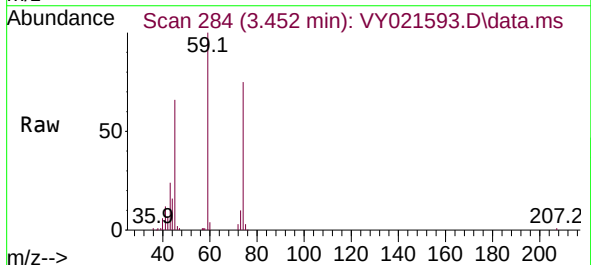
Instrument :
MSVOA_Y
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VY0321SBSD01

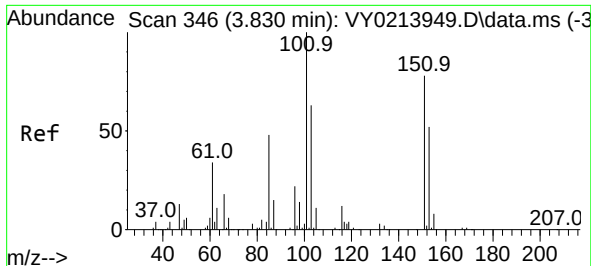
Tgt Ion:101 Resp: 86503
Ion Ratio Lower Upper
101 100
103 61.0 51.7 77.5



#8
Diethyl Ether
Concen: 20.374 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion: 74 Resp: 21729
Ion Ratio Lower Upper
74 100
45 97.6 49.7 149.1

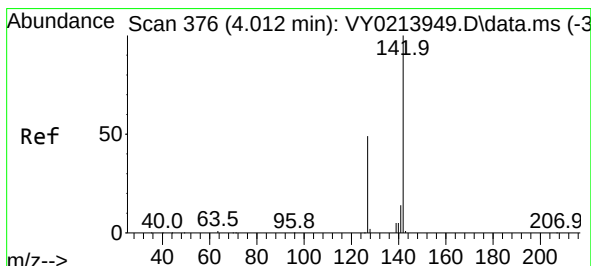
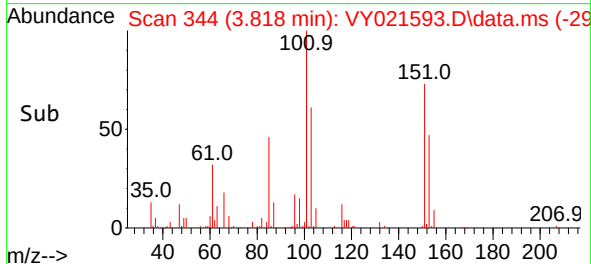
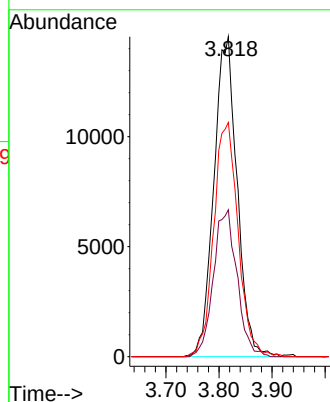
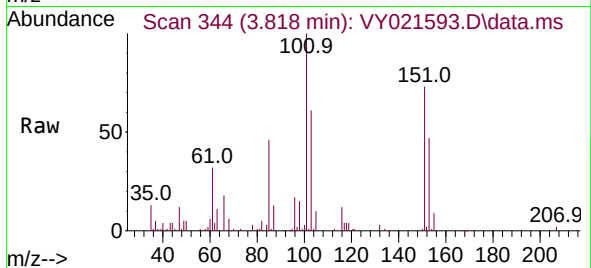




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.138 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021593.D
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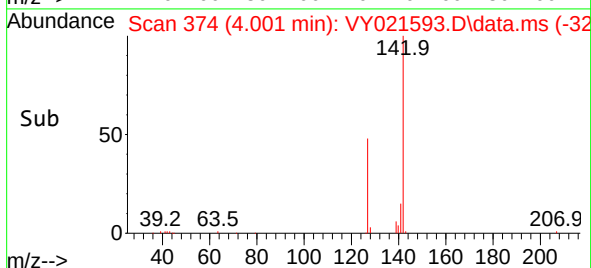
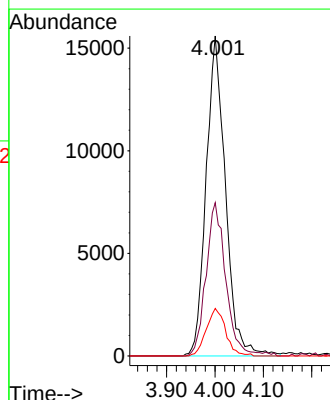
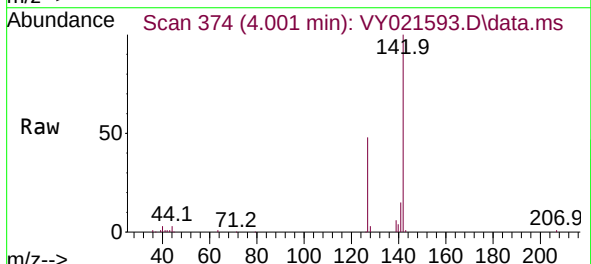
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

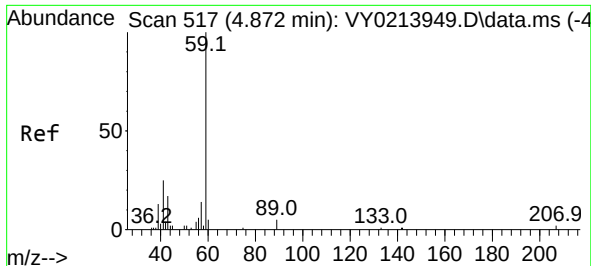
Tgt Ion:101 Resp: 44248
Ion Ratio Lower Upper
101 100
85 46.6 37.1 55.7
151 77.0 62.1 93.1



#10
Methyl Iodide
Concen: 19.387 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion:142 Resp: 43302
Ion Ratio Lower Upper
142 100
127 48.6 39.1 58.7
141 14.9 11.8 17.6

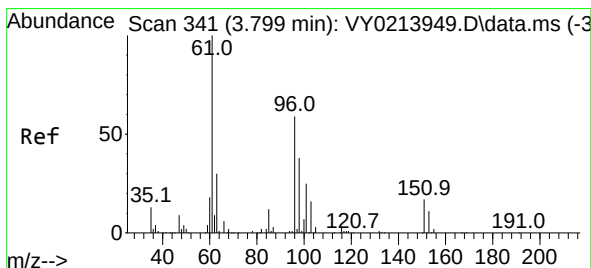
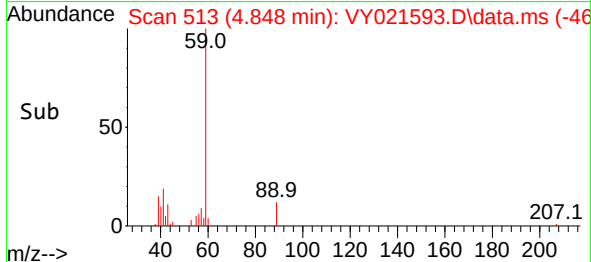
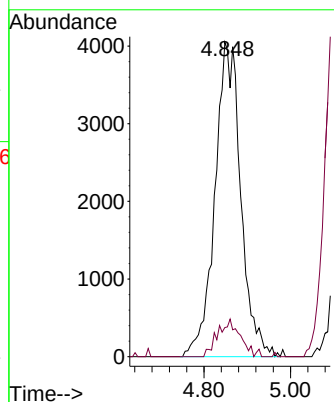
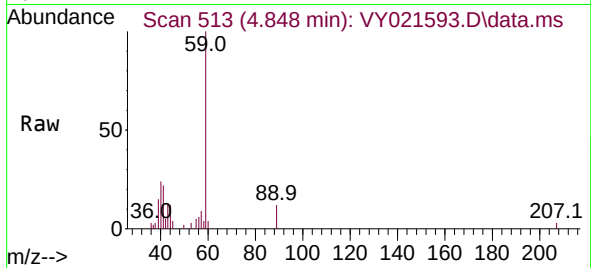




#11
Tert butyl alcohol
Concen: 113.184 ug/l
RT: 4.848 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

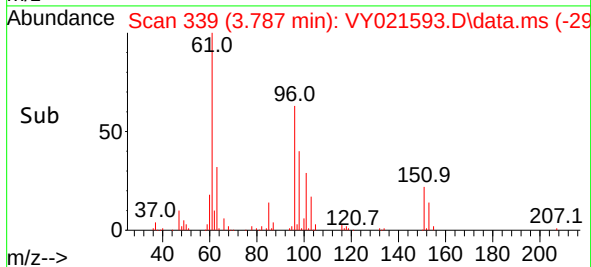
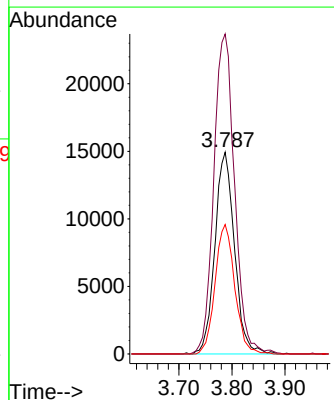
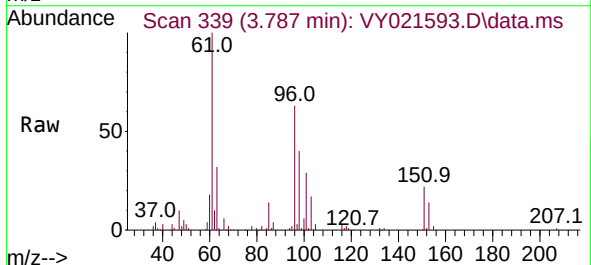
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

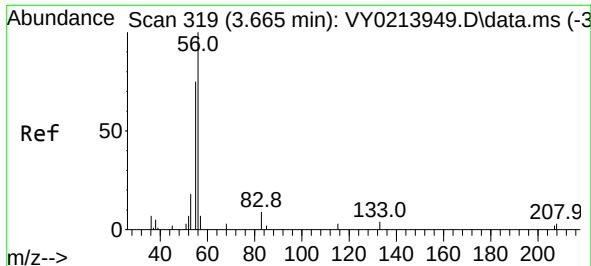
Tgt Ion: 59 Resp: 16821
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.177 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion: 96 Resp: 38416
Ion Ratio Lower Upper
96 100
61 158.6 135.2 202.8
98 64.2 51.4 77.2

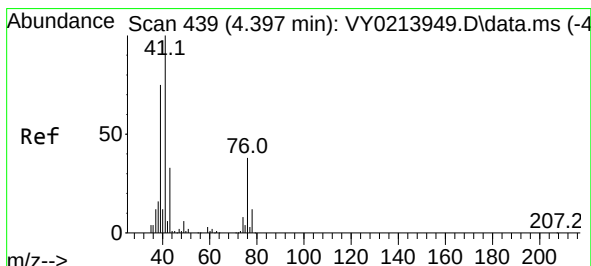
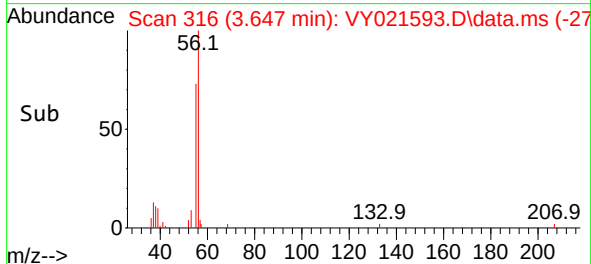
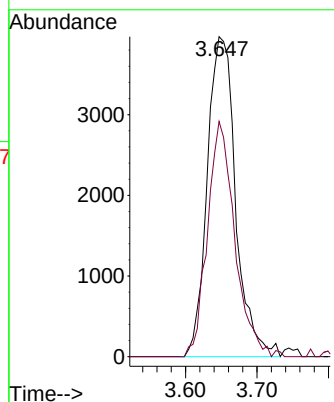
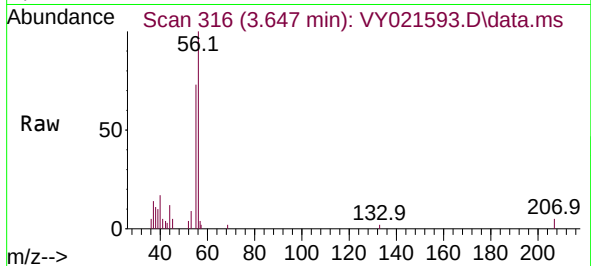




#13
Acrolein
Concen: 104.463 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

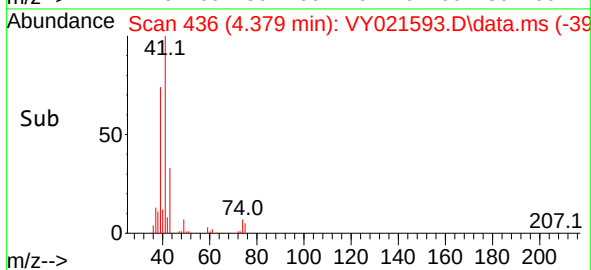
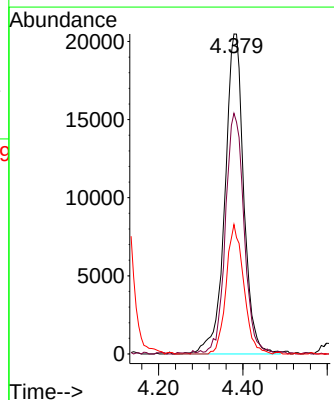
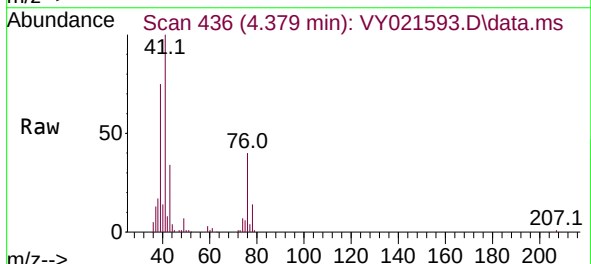
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

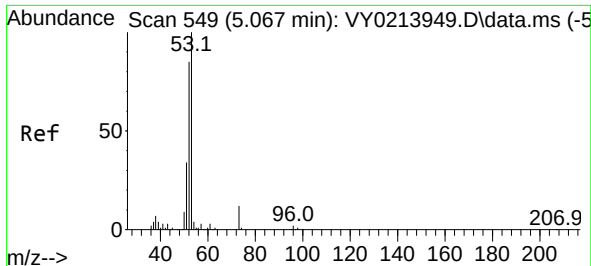
Tgt Ion: 56 Resp: 10952
Ion Ratio Lower Upper
56 100
55 70.8 63.4 95.2



#14
Allyl chloride
Concen: 19.566 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion: 41 Resp: 63342
Ion Ratio Lower Upper
41 100
39 73.3 59.3 88.9
76 37.7 29.8 44.8

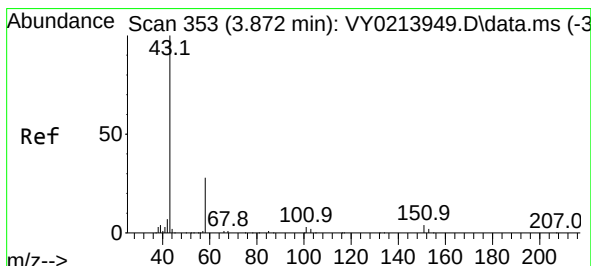
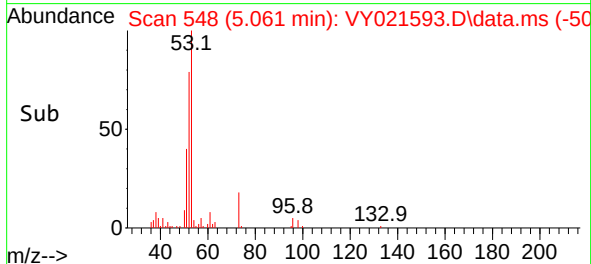
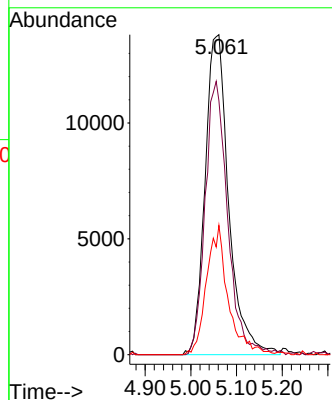
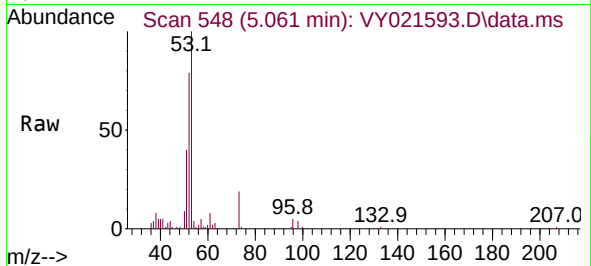




#15
Acrylonitrile
Concen: 109.401 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

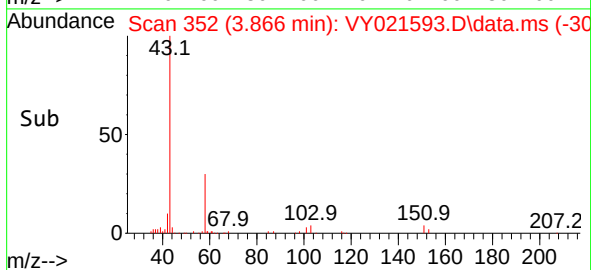
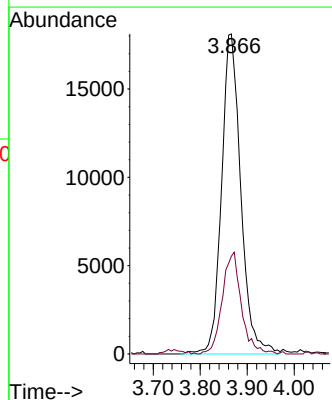
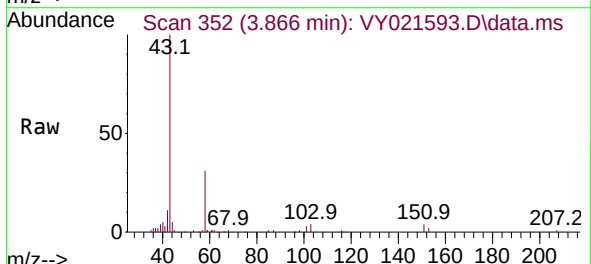
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

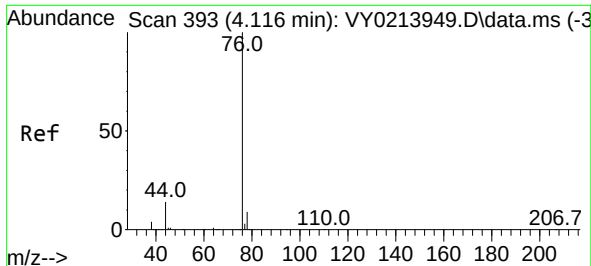
Tgt Ion: 53	Resp:	49669
Ion	Ratio	Lower Upper
53	100	
52	81.2	66.3 99.5
51	36.9	30.3 45.5



#16
Acetone
Concen: 115.077 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion: 43	Resp:	51735
Ion	Ratio	Lower Upper
43	100	
58	30.1	22.1 33.1

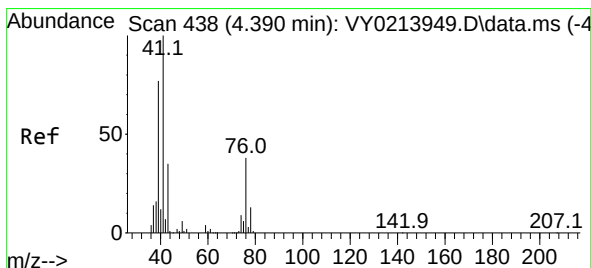
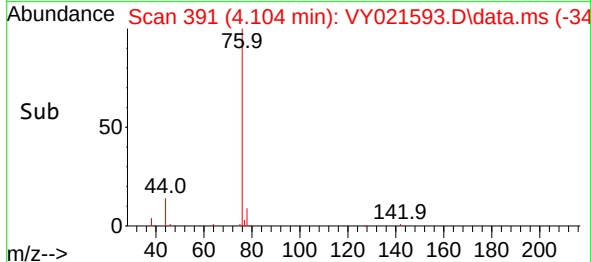
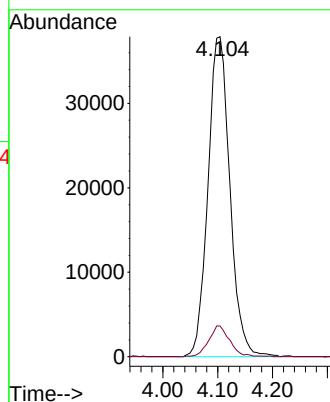
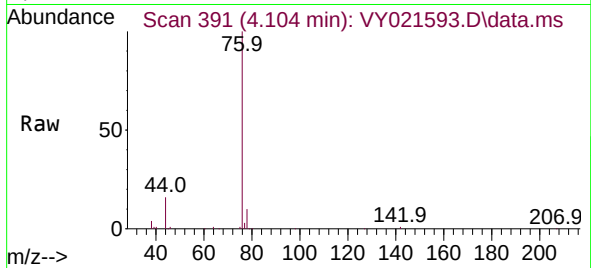




#17
Carbon Disulfide
Concen: 16.742 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

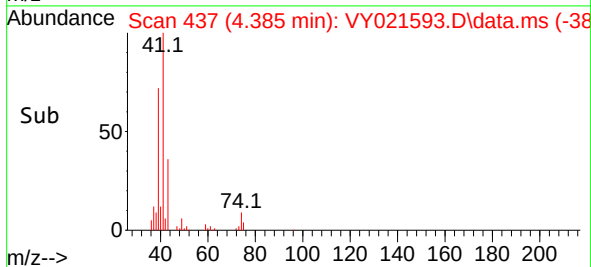
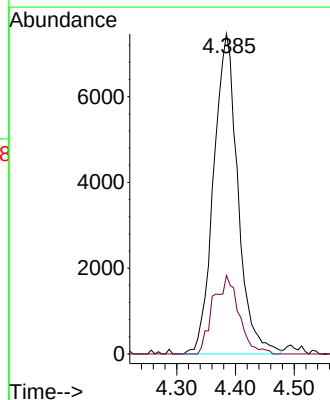
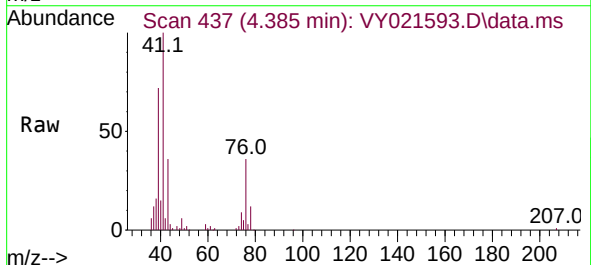
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

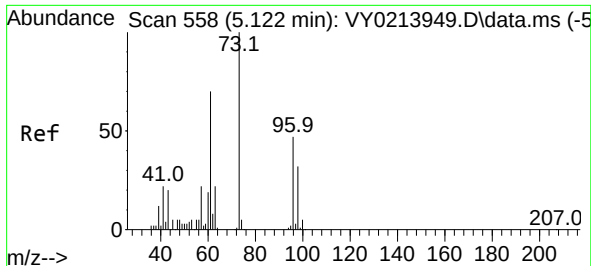
Tgt Ion: 76 Resp: 105105
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 21.477 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion: 43 Resp: 21423
Ion Ratio Lower Upper
43 100
74 25.9 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 20.690 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

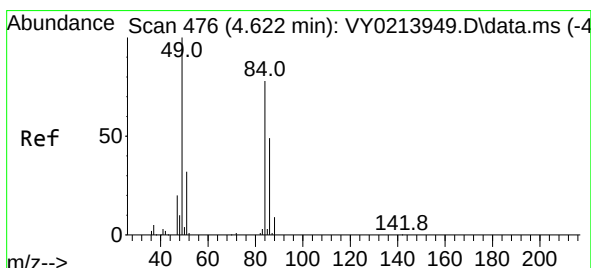
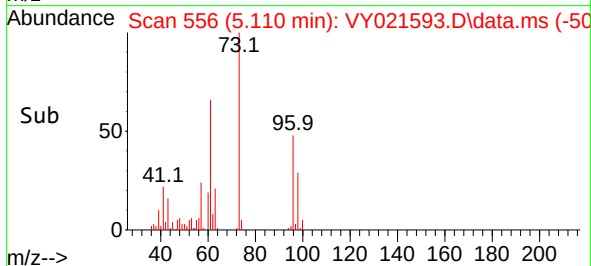
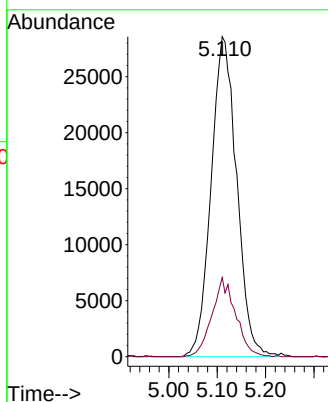
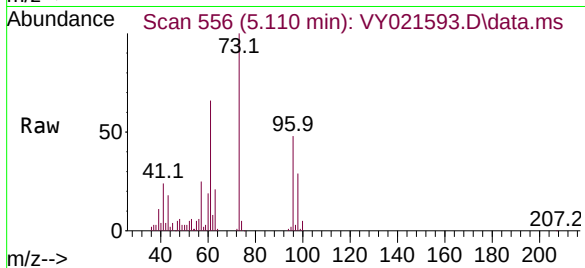
VY0321SBSD01

Tgt Ion: 73 Resp: 105051

Ion Ratio Lower Upper

73 100

57 24.7 17.9 26.9



#20

Methylene Chloride

Concen: 19.756 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Tgt Ion: 84 Resp: 46621

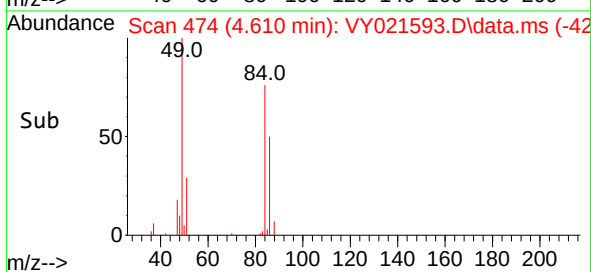
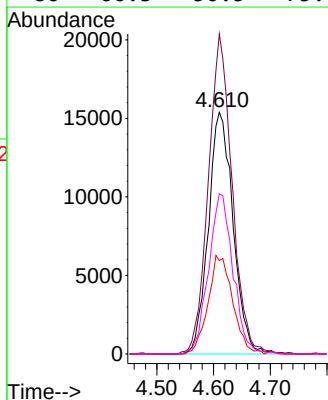
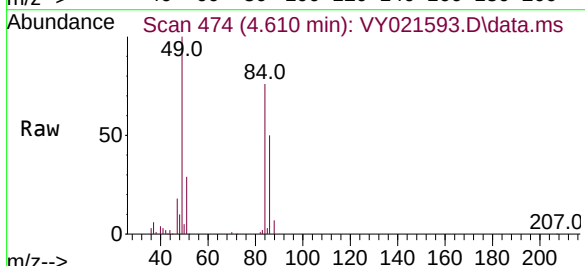
Ion Ratio Lower Upper

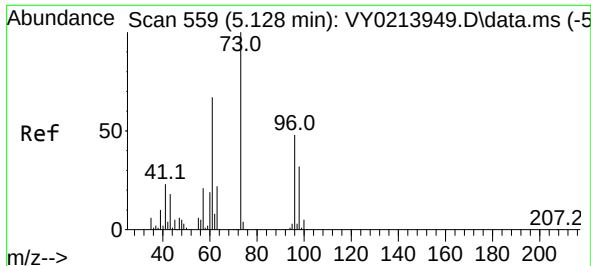
84 100

49 132.4 102.0 153.0

51 38.7 33.0 49.6

86 66.3 50.5 75.7

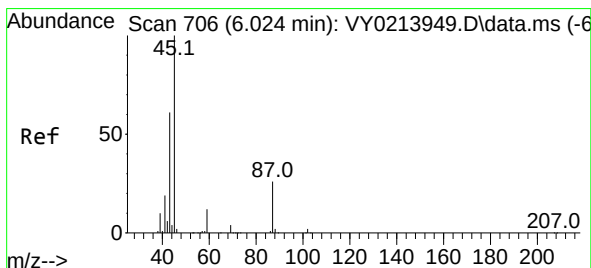
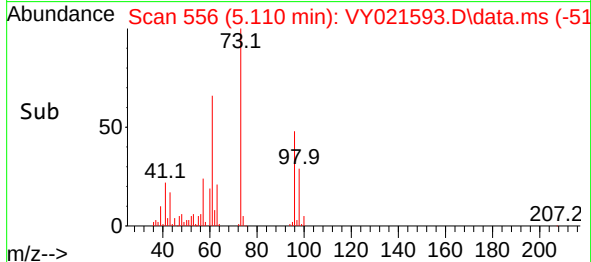
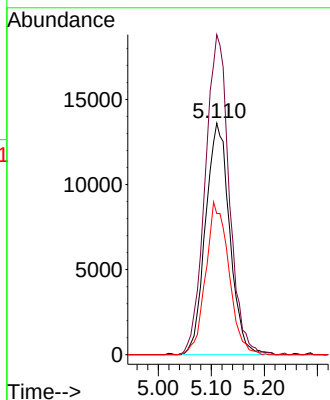
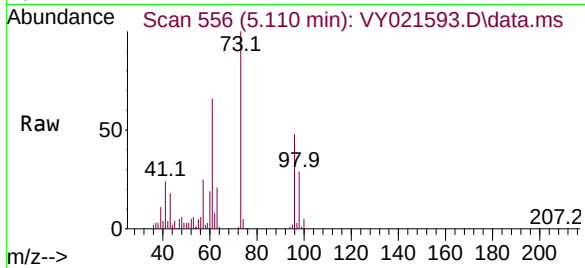




#21
trans-1,2-Dichloroethene
Concen: 19.237 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

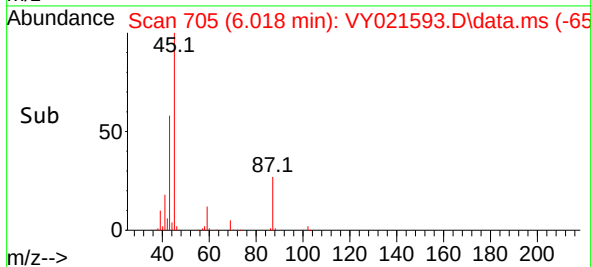
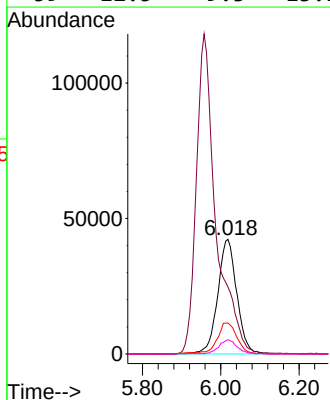
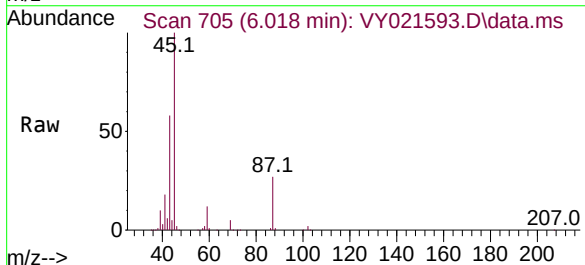
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

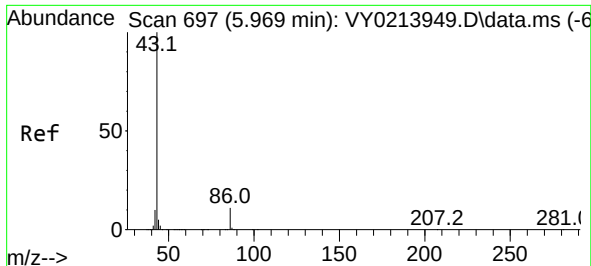
Tgt Ion: 96 Resp: 43157
Ion Ratio Lower Upper
96 100
61 138.2 111.5 167.3
98 61.0 53.8 80.8



#22
Diisopropyl ether
Concen: 20.501 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion: 45 Resp: 143031
Ion Ratio Lower Upper
45 100
43 58.0 48.7 73.1
87 27.0 21.5 32.3
59 12.5 9.3 13.9

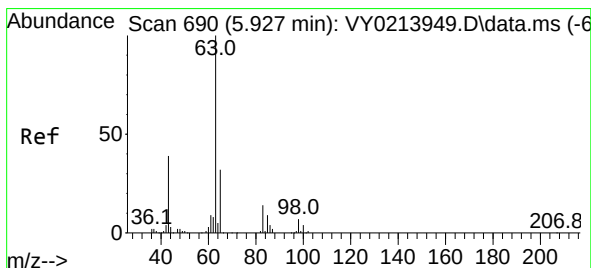
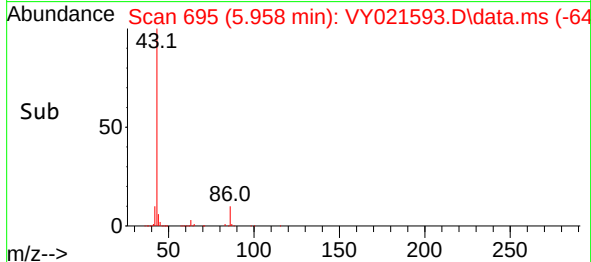
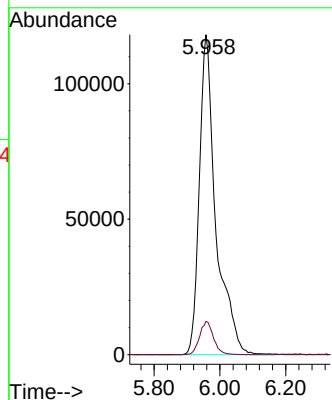
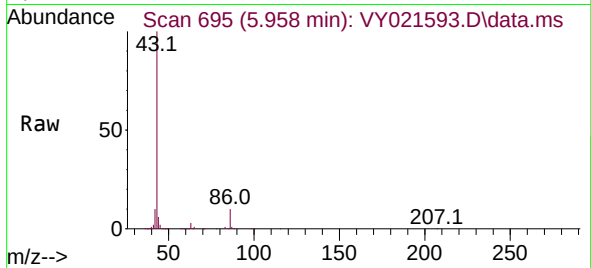




#23
 Vinyl Acetate
 Concen: 103.476 ug/l
 RT: 5.958 min Scan# 64
 Delta R.T. -0.012 min
 Lab File: VY021593.D
 Acq: 21 Mar 2025 12:42

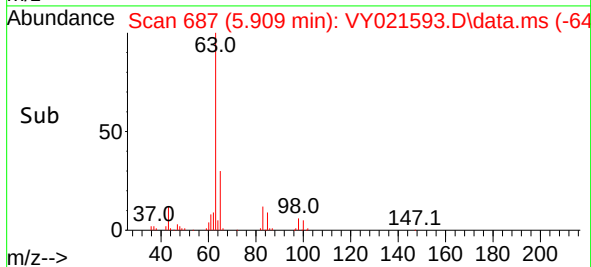
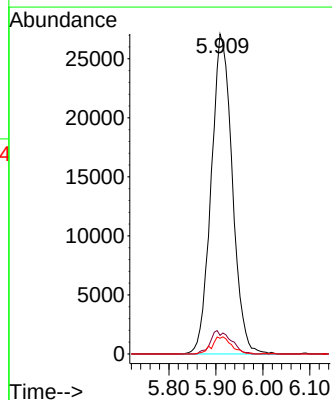
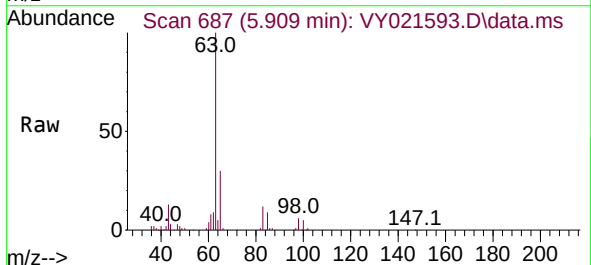
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

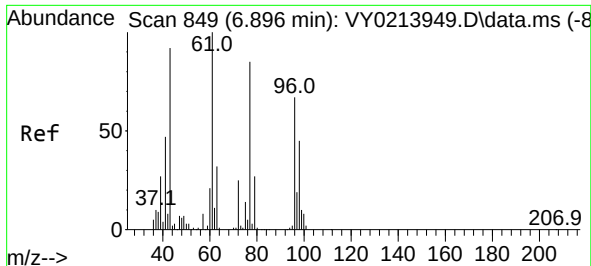
Tgt Ion: 43 Resp: 412006
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.512 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.018 min
 Lab File: VY021593.D
 Acq: 21 Mar 2025 12:42

Tgt Ion: 63 Resp: 84463
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 4.9 2.1 6.5

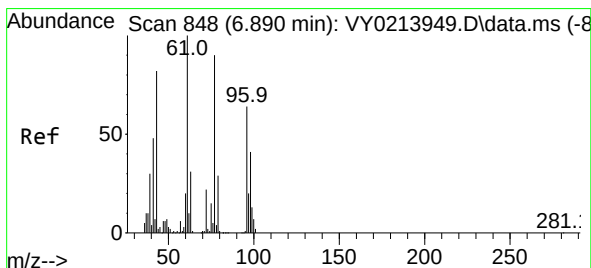
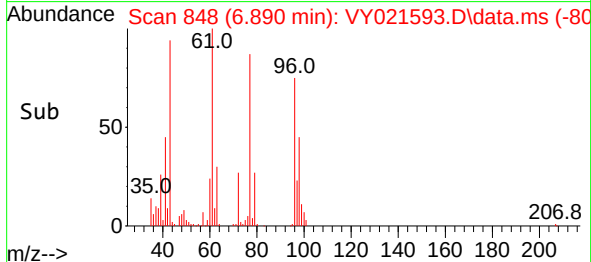
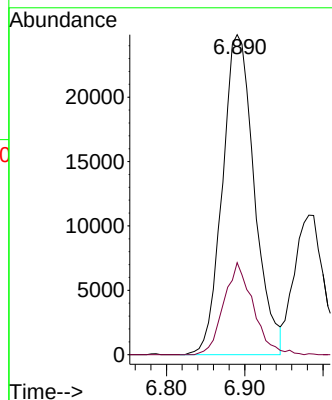
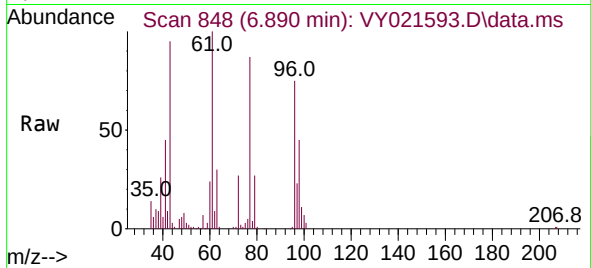




#25
2-Butanone
Concen: 113.326 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

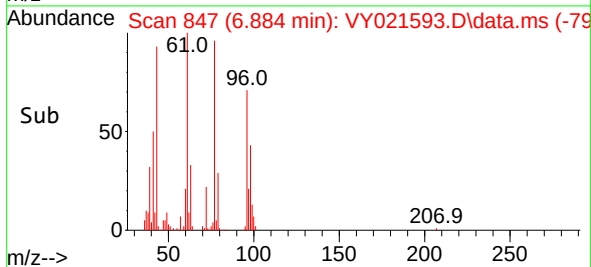
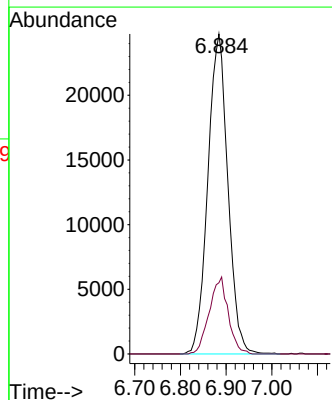
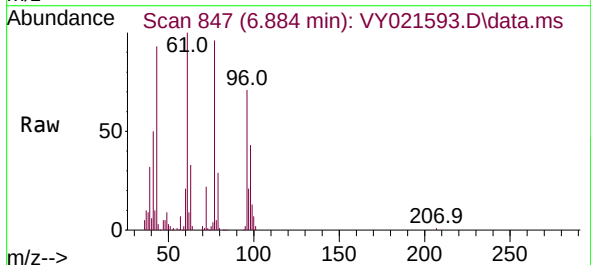
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

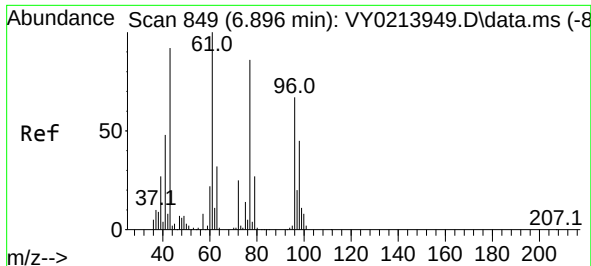
Tgt Ion: 43 Resp: 70476
Ion Ratio Lower Upper
43 100
72 28.7 21.4 32.0



#26
2,2-Dichloropropane
Concen: 19.848 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion: 77 Resp: 75200
Ion Ratio Lower Upper
77 100
97 22.8 11.3 33.8

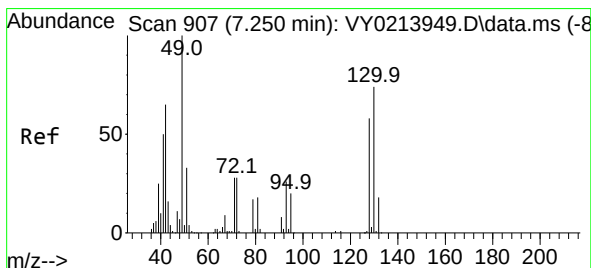
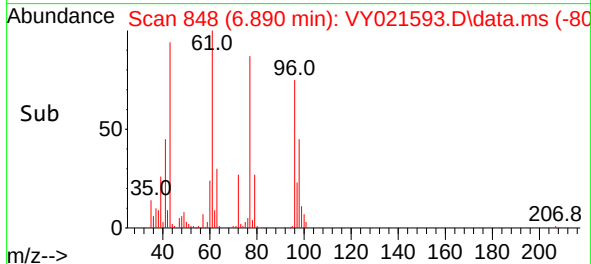
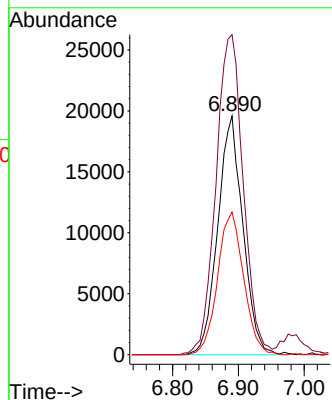
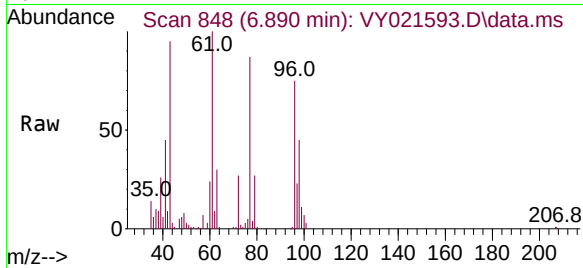




#27
 cis-1,2-Dichloroethene
 Concen: 20.416 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021593.D
 Acq: 21 Mar 2025 12:42

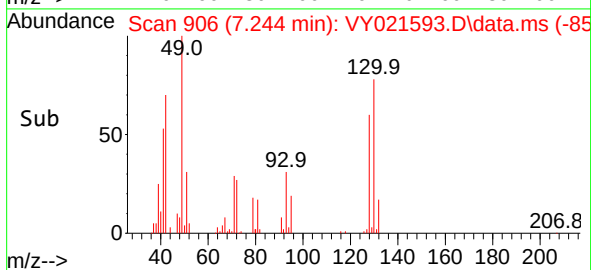
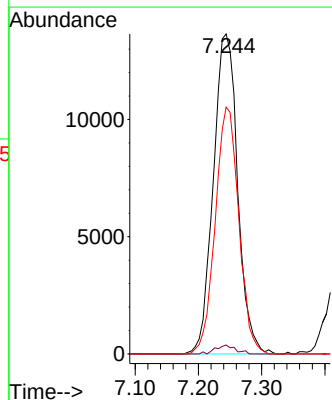
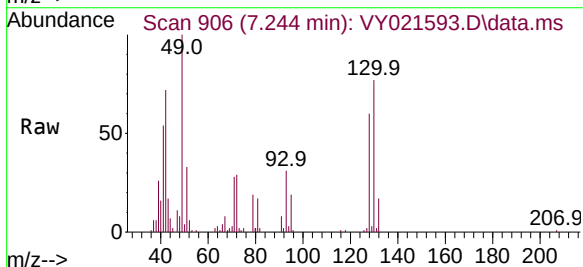
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBSD01

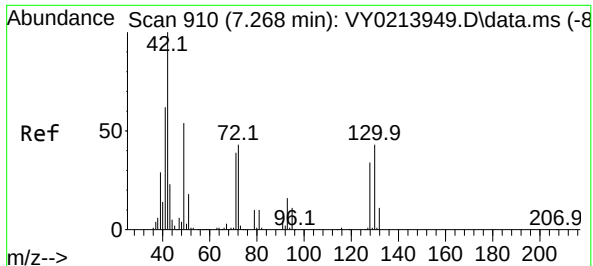
Tgt Ion: 96 Resp: 52032
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 300.8
 98 62.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 21.090 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021593.D
 Acq: 21 Mar 2025 12:42

Tgt Ion: 49 Resp: 36408
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 74.7 59.6 89.4





#29

Tetrahydrofuran

Concen: 109.259 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBSD01

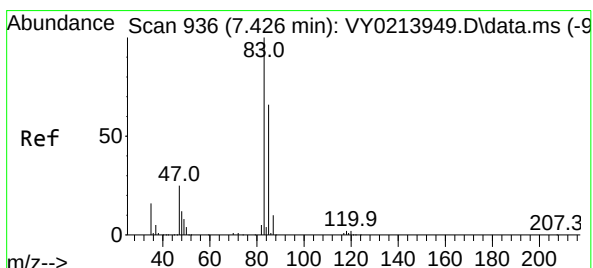
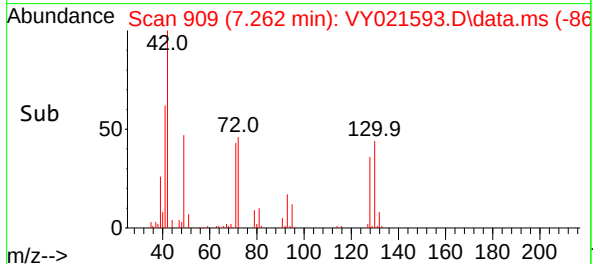
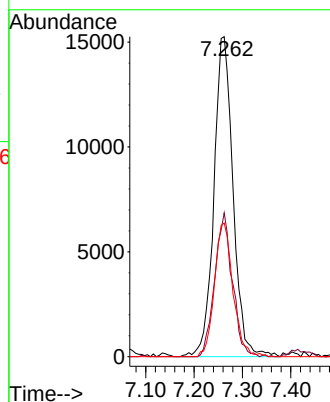
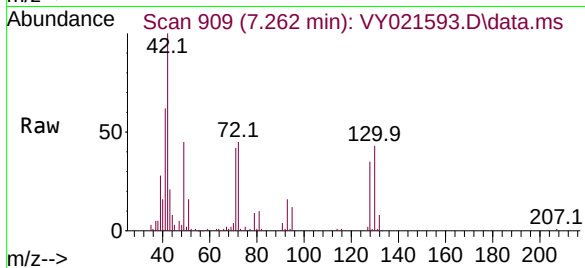
Tgt Ion: 42 Resp: 41947

Ion Ratio Lower Upper

42 100

72 41.4 34.8 52.2

71 40.4 32.6 48.8



#30

Chloroform

Concen: 20.665 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021593.D

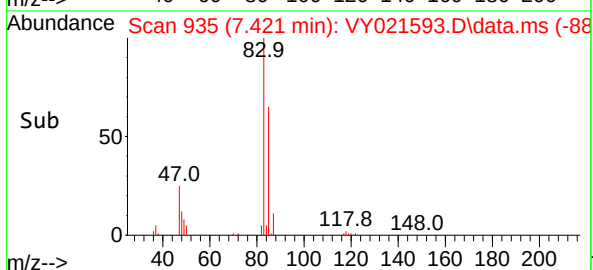
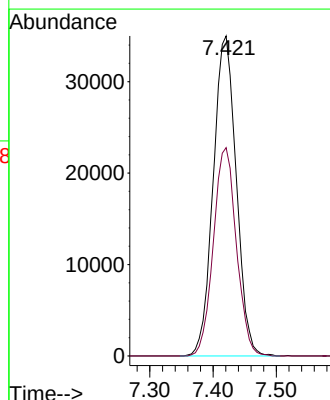
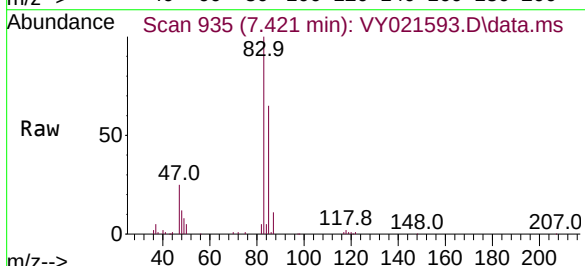
Acq: 21 Mar 2025 12:42

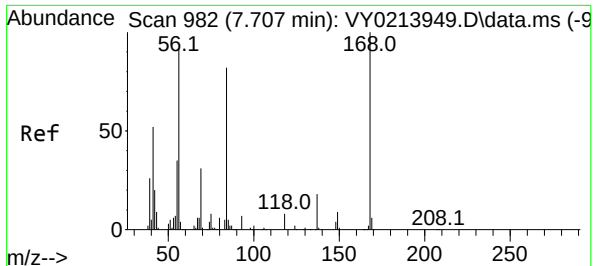
Tgt Ion: 83 Resp: 88360

Ion Ratio Lower Upper

83 100

85 65.1 53.1 79.7

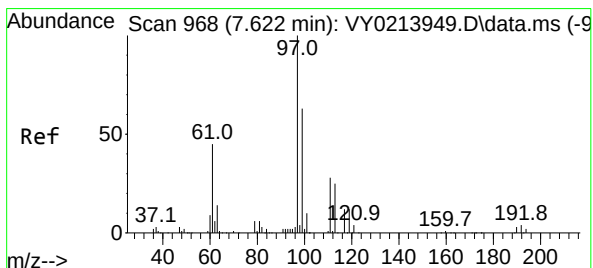
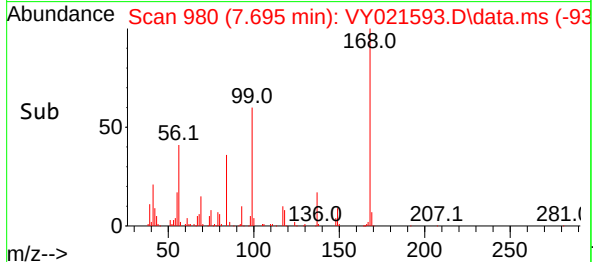
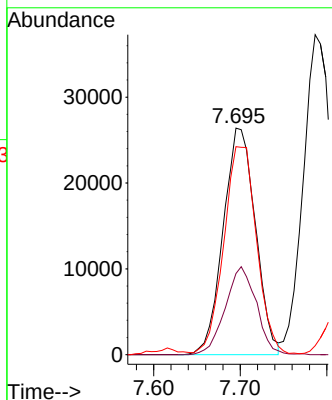
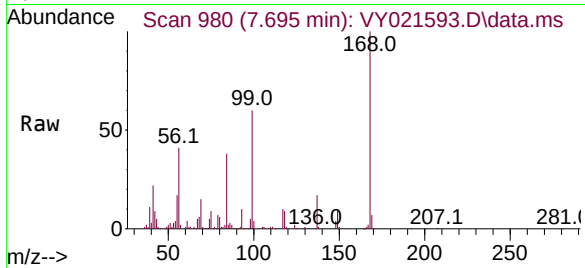




#31
Cyclohexane
Concen: 17.705 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

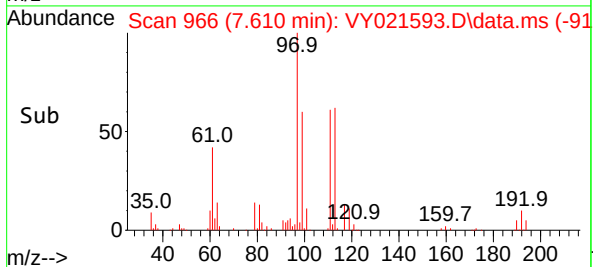
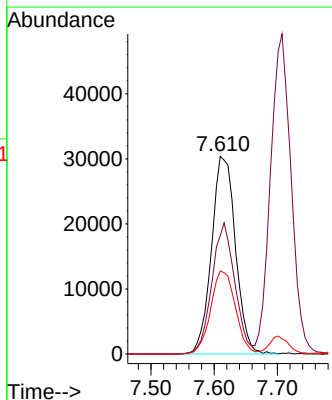
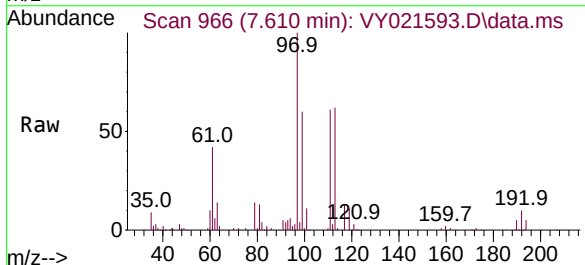
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

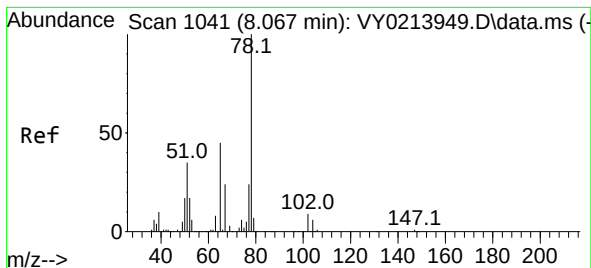
Tgt Ion: 56 Resp: 68348
Ion Ratio Lower Upper
56 100
69 35.8 27.0 40.4
84 90.6 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 20.431 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion: 97 Resp: 79988
Ion Ratio Lower Upper
97 100
99 63.1 51.7 77.5
61 43.2 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 61.641 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

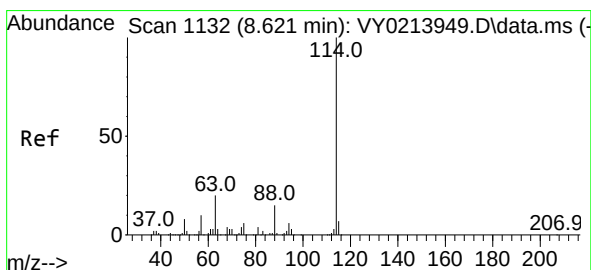
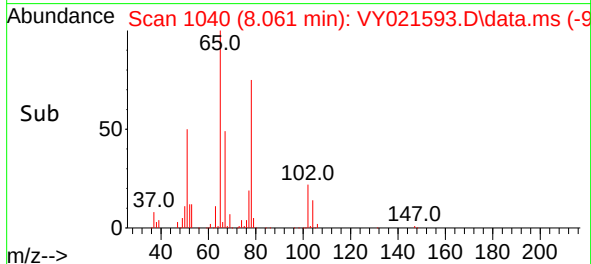
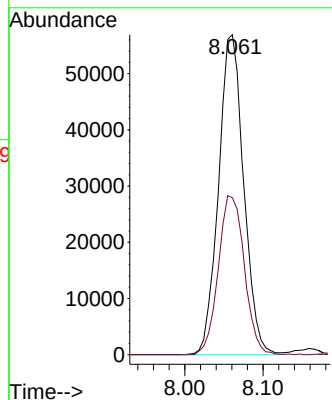
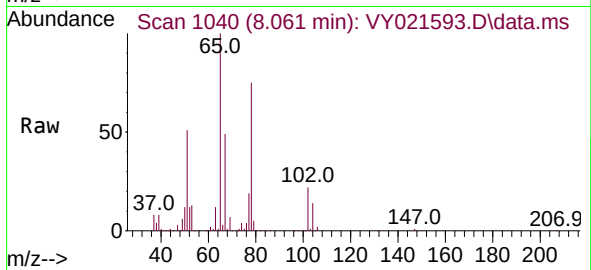
VY0321SBS01

Tgt Ion: 65 Resp: 127055

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

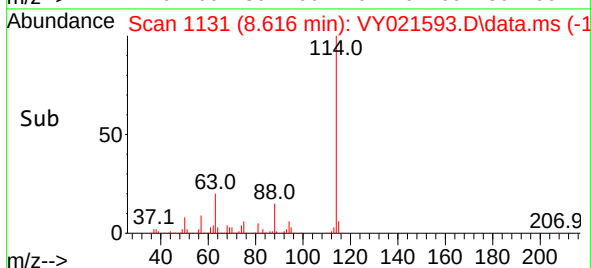
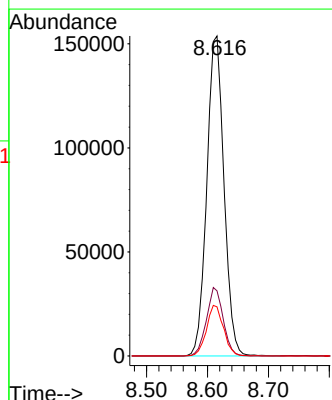
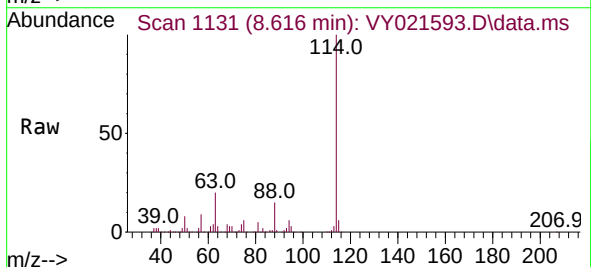
Tgt Ion: 114 Resp: 301454

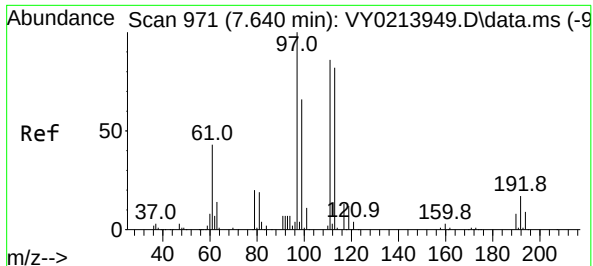
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 62.315 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

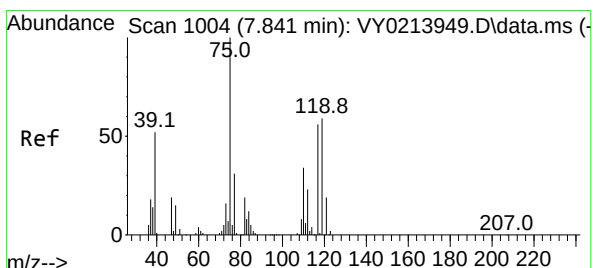
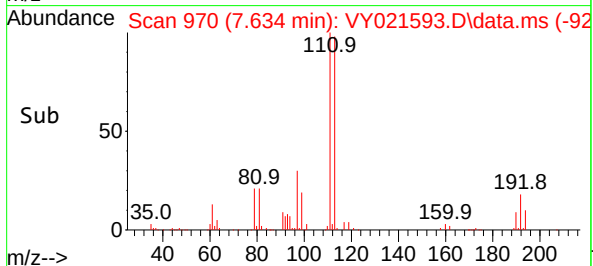
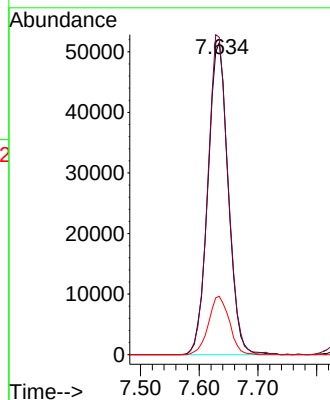
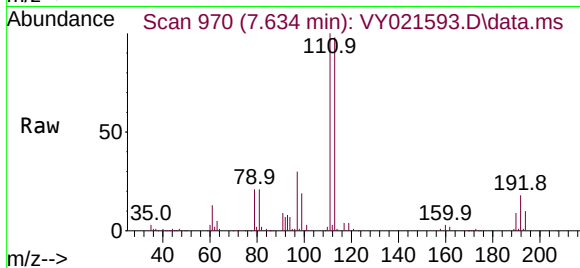
Tgt Ion:113 Resp: 123477

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

192 19.2 15.9 23.9



#36

1,1-Dichloropropene

Concen: 19.429 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

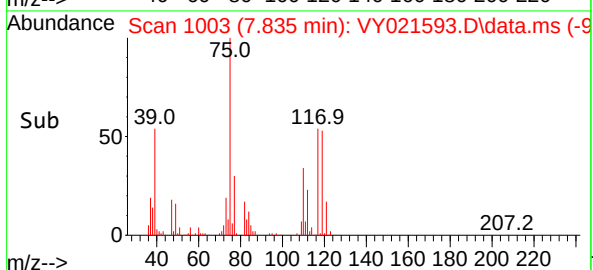
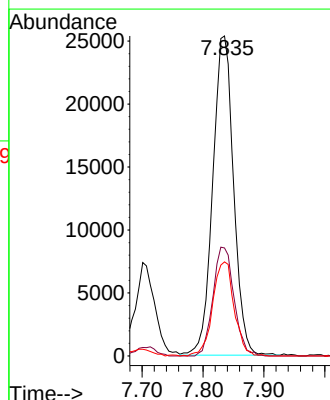
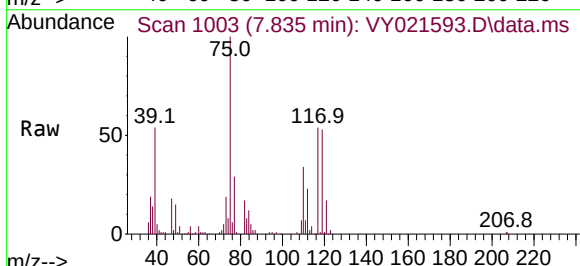
Tgt Ion: 75 Resp: 60261

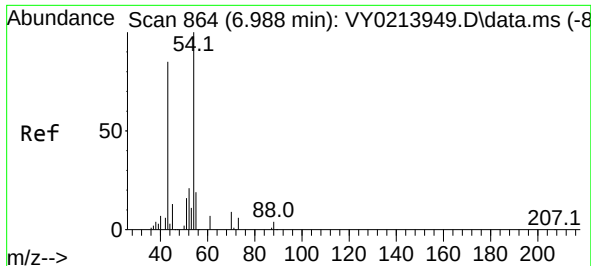
Ion Ratio Lower Upper

75 100

110 34.4 17.3 51.7

77 30.4 25.4 38.2





#37

Ethyl Acetate

Concen: 21.547 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

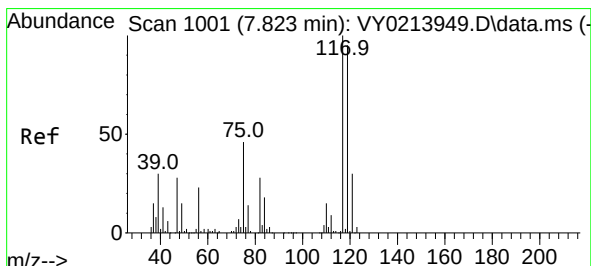
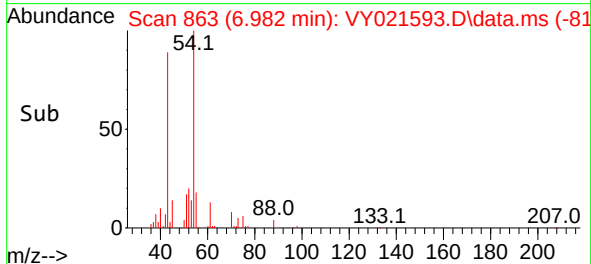
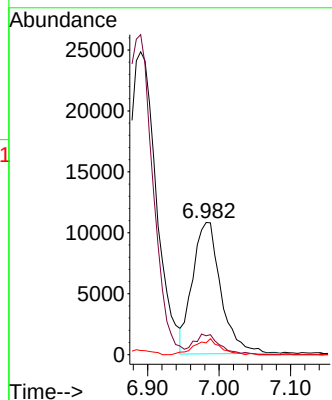
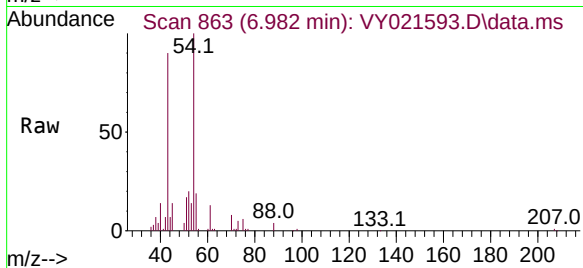
Tgt Ion: 43 Resp: 29539

Ion Ratio Lower Upper

43 100

61 14.3 11.4 17.0

70 10.5 8.2 12.2



#38

Carbon Tetrachloride

Concen: 19.939 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

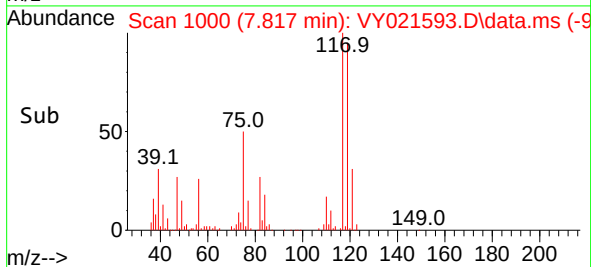
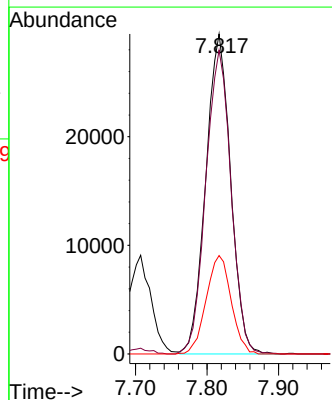
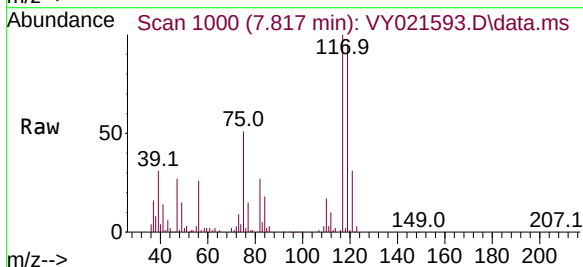
Tgt Ion: 117 Resp: 71125

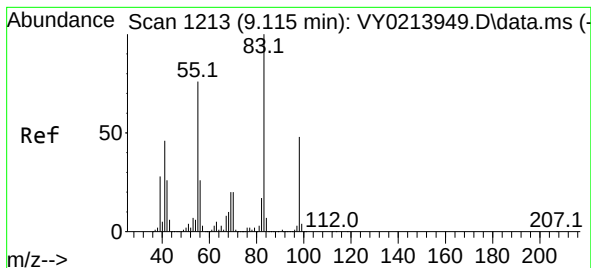
Ion Ratio Lower Upper

117 100

119 94.9 75.8 113.8

121 30.7 23.9 35.9





#39

Methylcyclohexane

Concen: 18.330 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBSD01

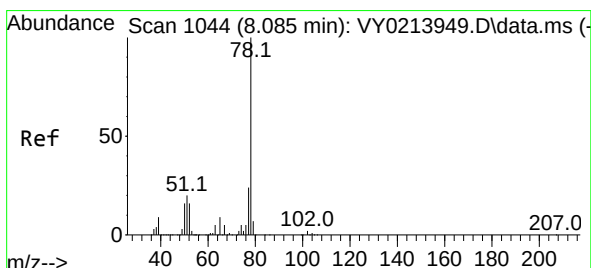
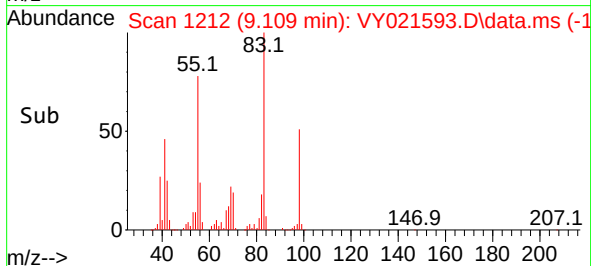
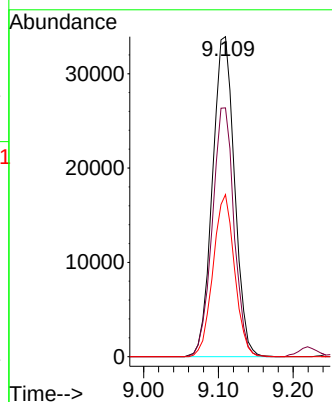
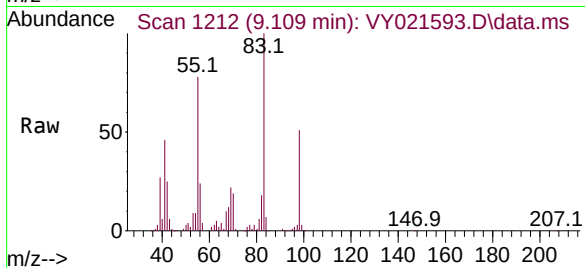
Tgt Ion: 83 Resp: 69739

Ion Ratio Lower Upper

83 100

55 77.8 60.7 91.1

98 50.6 38.6 57.8



#40

Benzene

Concen: 19.973 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021593.D

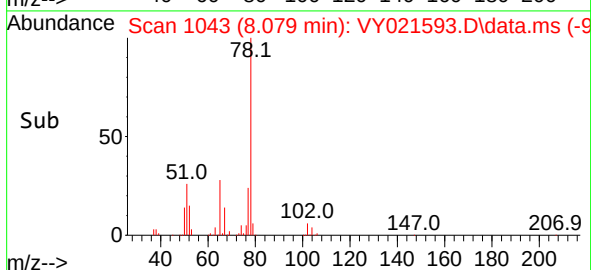
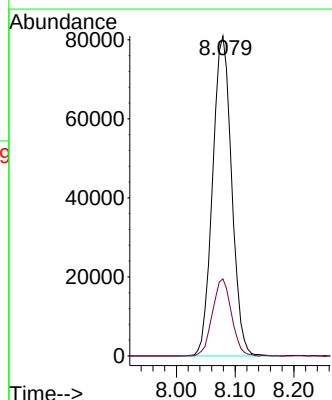
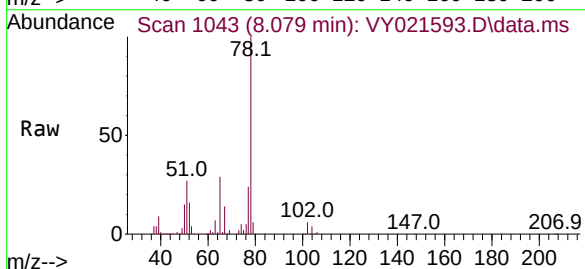
Acq: 21 Mar 2025 12:42

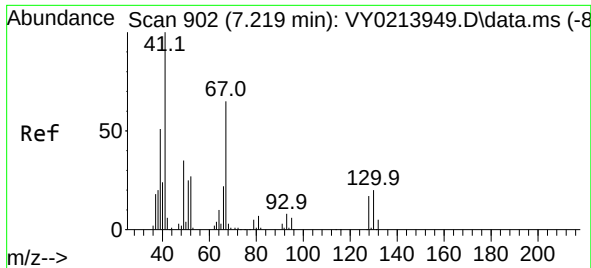
Tgt Ion: 78 Resp: 182493

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4

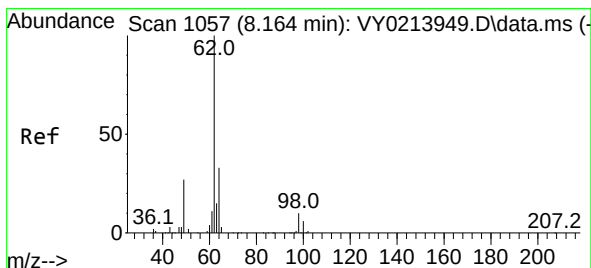
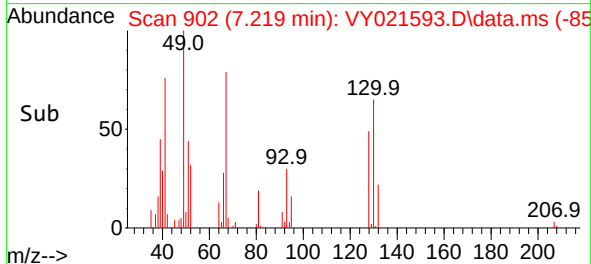
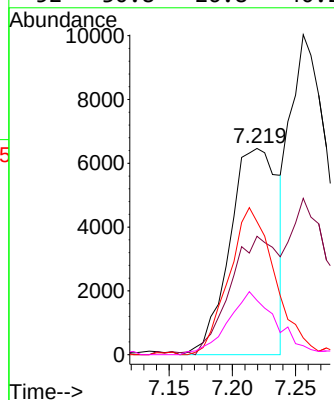
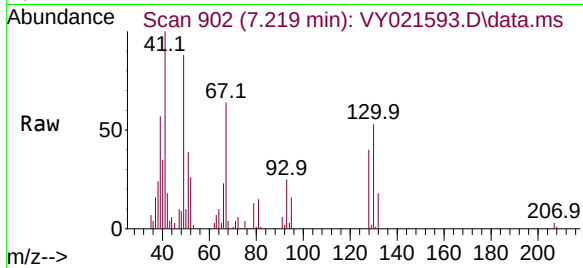




#41
Methacrylonitrile
Concen: 23.098 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

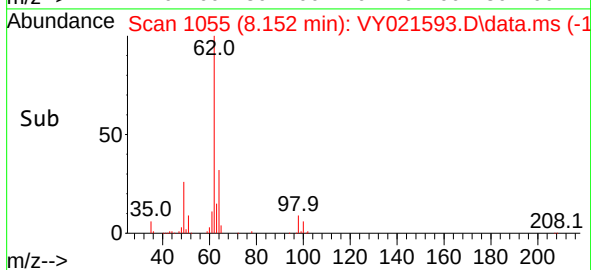
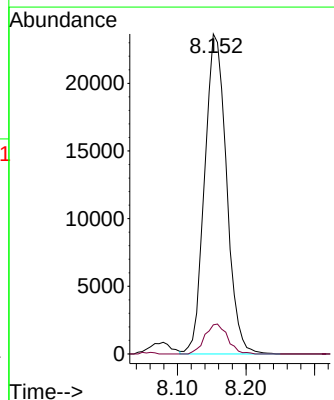
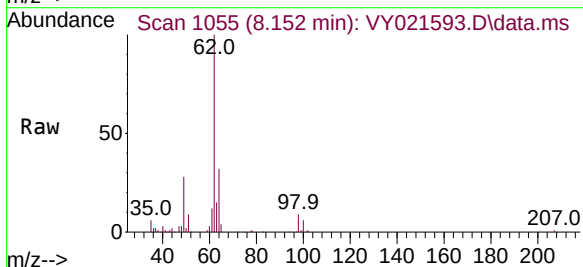
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

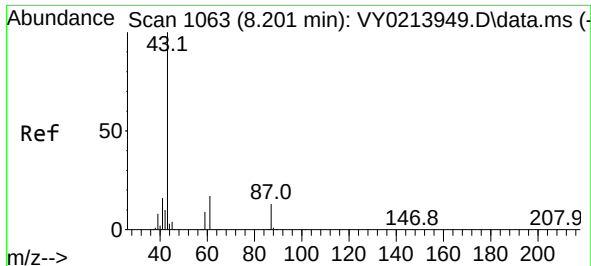
Tgt Ion:	41	Resp:	17242
Ion	Ratio	Lower	Upper
41	100		
39	55.0	35.0	52.6#
67	68.9	61.2	91.8
52	30.8	26.8	40.2



#42
1,2-Dichloroethane
Concen: 20.543 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion:	62	Resp:	52509
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.2

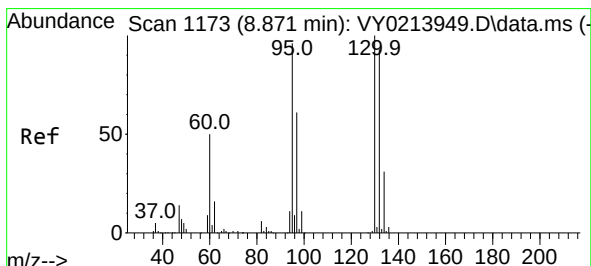
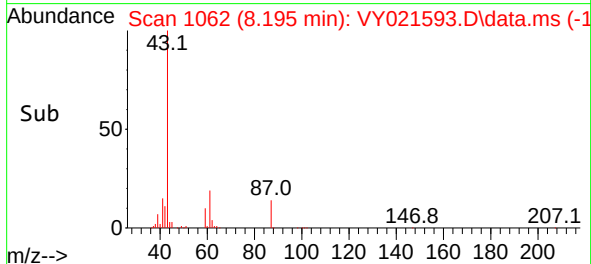
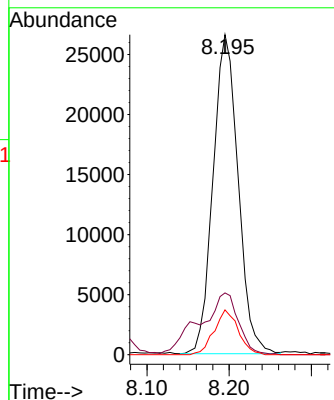
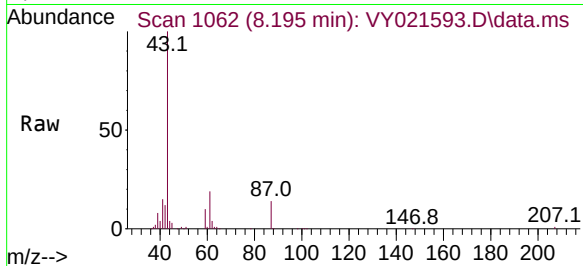




#43
Isopropyl Acetate
Concen: 21.164 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

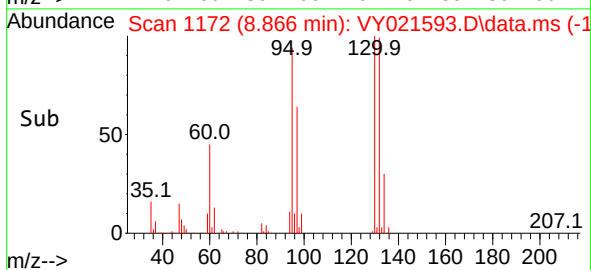
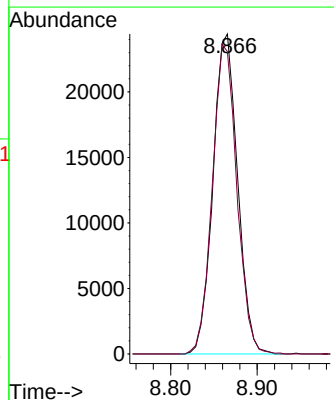
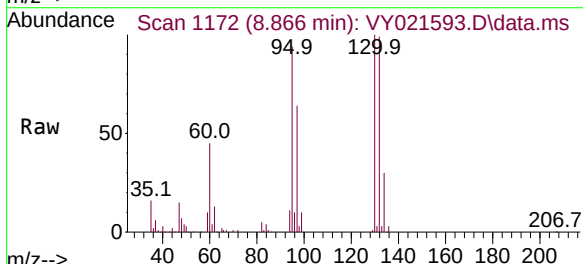
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

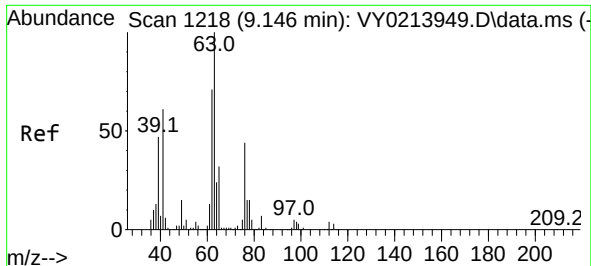
Tgt Ion: 43 Resp: 56322
Ion Ratio Lower Upper
43 100
61 19.7 23.4 35.0#
87 13.5 10.5 15.7



#44
Trichloroethene
Concen: 20.832 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion:130 Resp: 48098
Ion Ratio Lower Upper
130 100
95 94.5 0.0 191.6





#45

1,2-Dichloropropane

Concen: 20.244 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

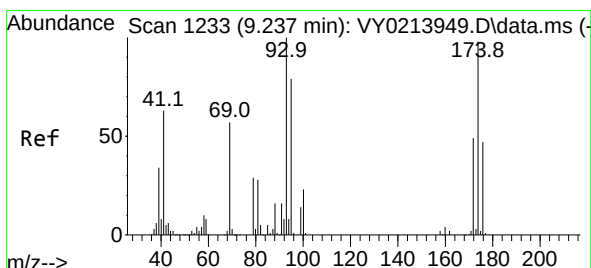
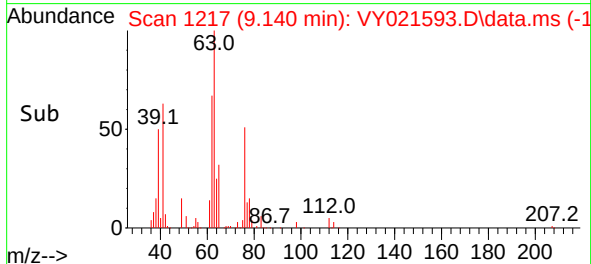
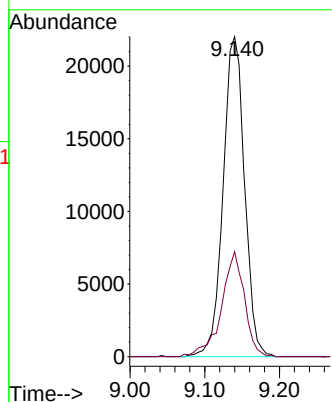
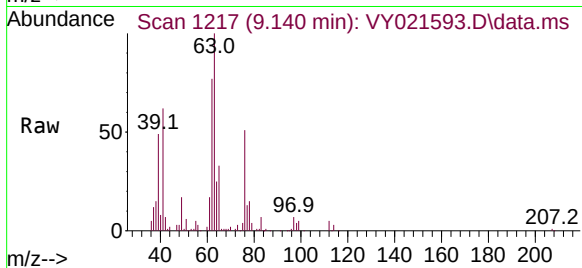
VY0321SBSD01

Tgt Ion: 63 Resp: 44022

Ion Ratio Lower Upper

63 100

65 32.8 26.0 39.0



#46

Dibromomethane

Concen: 21.436 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

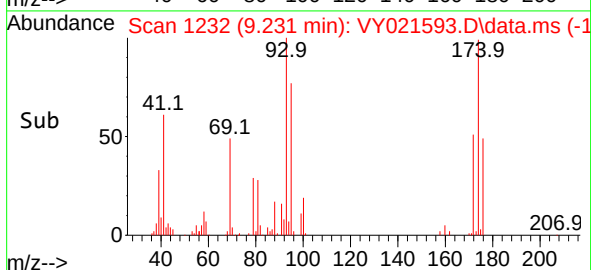
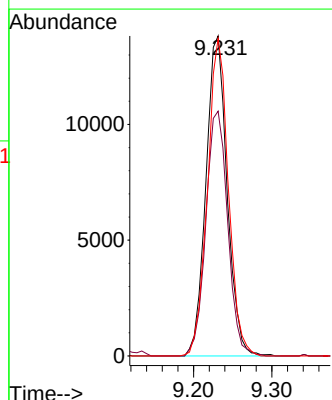
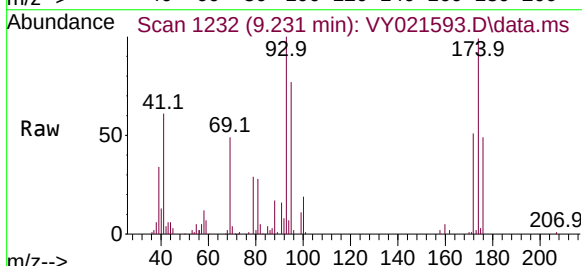
Tgt Ion: 93 Resp: 25937

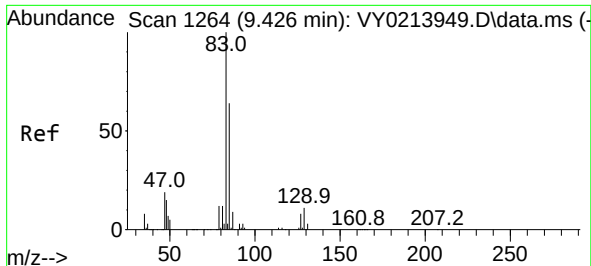
Ion Ratio Lower Upper

93 100

95 78.9 65.8 98.8

174 98.0 77.9 116.9

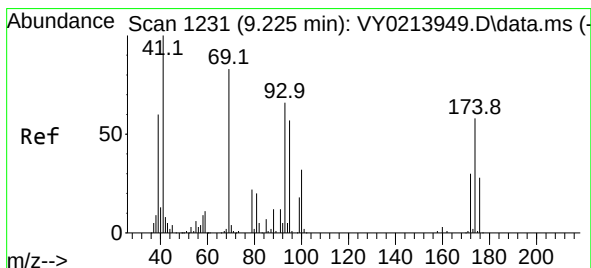
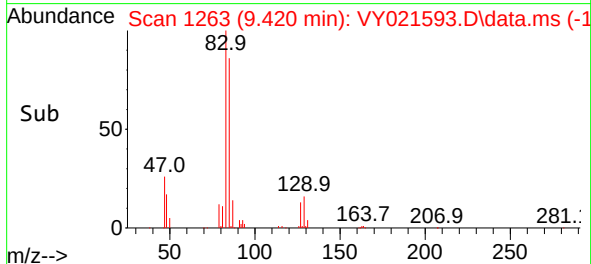
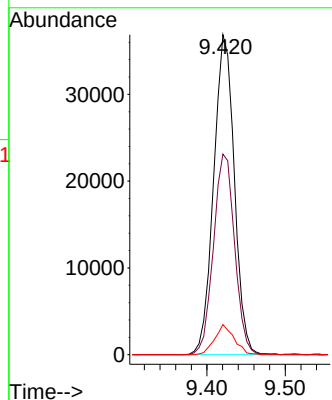
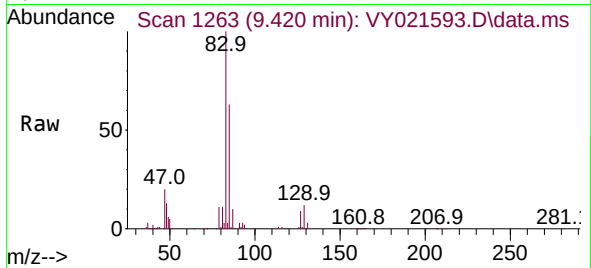




#47
Bromodichloromethane
Concen: 21.052 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

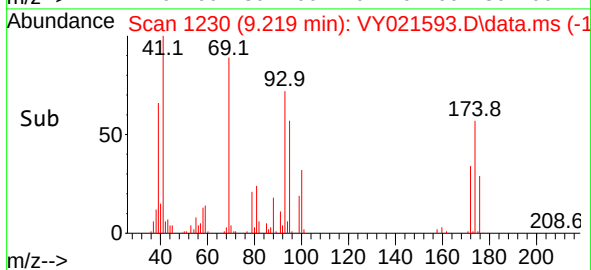
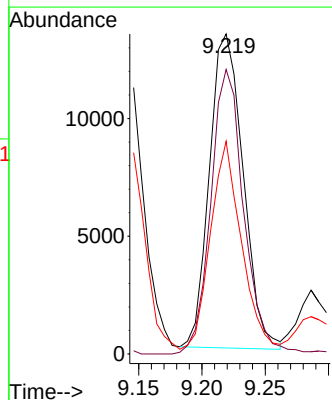
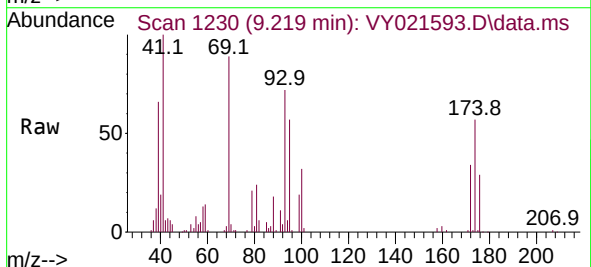
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

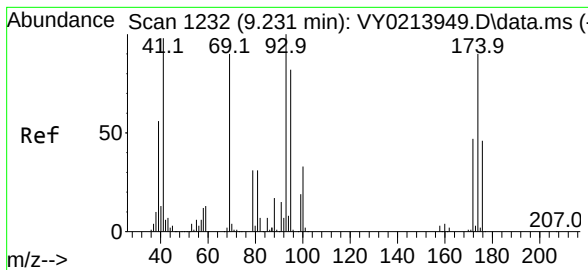
Tgt Ion: 83 Resp: 67645
Ion Ratio Lower Upper
83 100
85 62.7 51.1 76.7
127 9.4 6.7 10.1



#48
Methyl methacrylate
Concen: 20.217 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion: 41 Resp: 24706
Ion Ratio Lower Upper
41 100
69 88.8 67.8 101.8
39 60.6 46.4 69.6

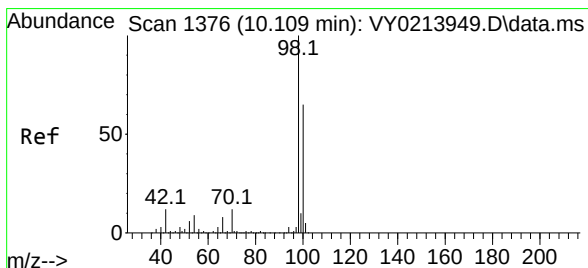
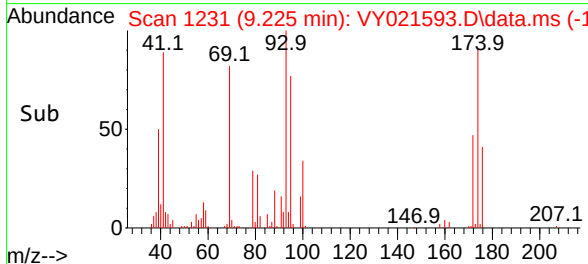
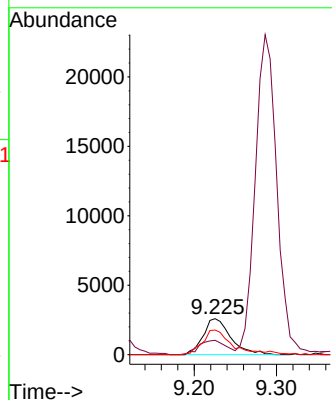
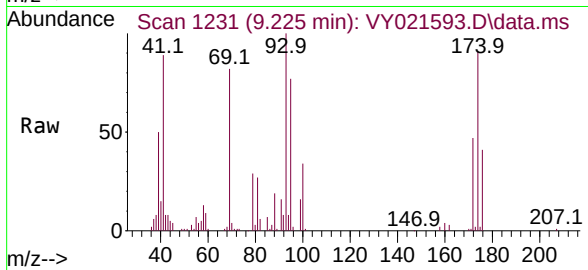




#49
1,4-Dioxane
Concen: 509.764 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

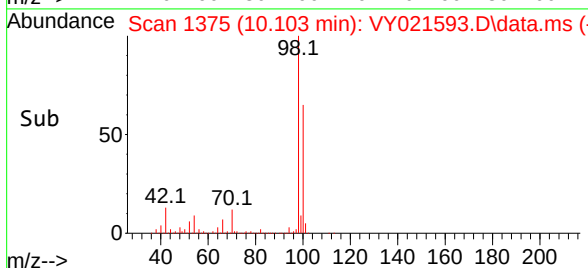
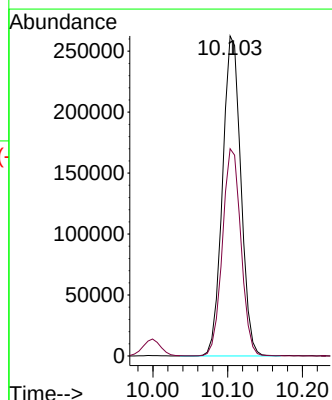
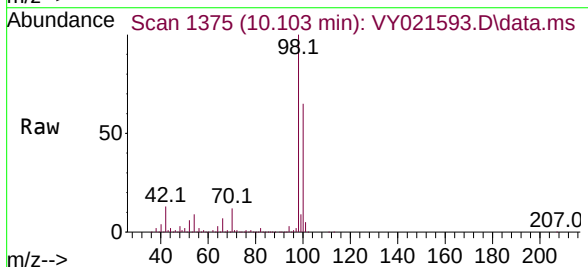
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

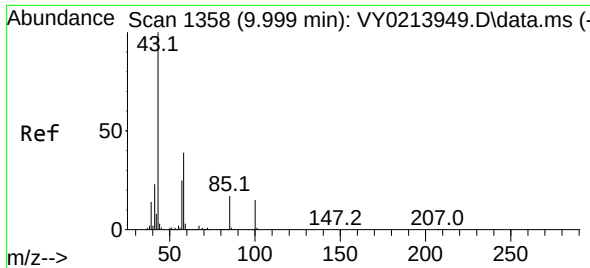
Tgt Ion: 88 Resp: 6054
Ion Ratio Lower Upper
88 100
43 38.7 25.0 37.4#
58 75.8 58.4 87.6



#50
Toluene-d8
Concen: 59.612 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion: 98 Resp: 447245
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

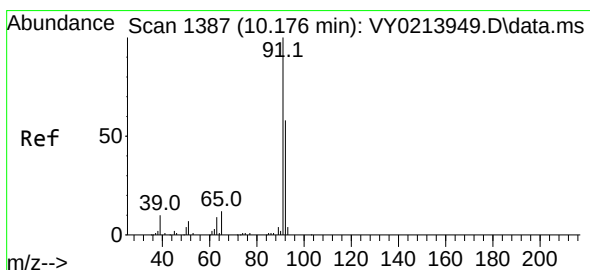
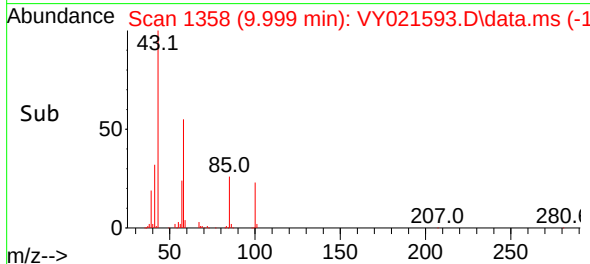
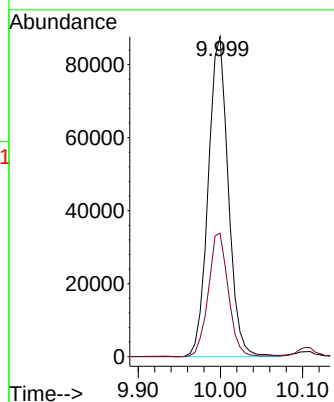
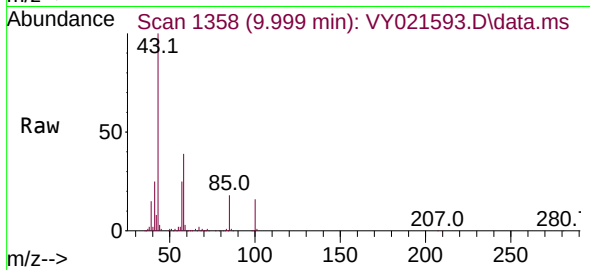




#51
4-Methyl-2-Pentanone
Concen: 108.165 ug/l
RT: 9.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

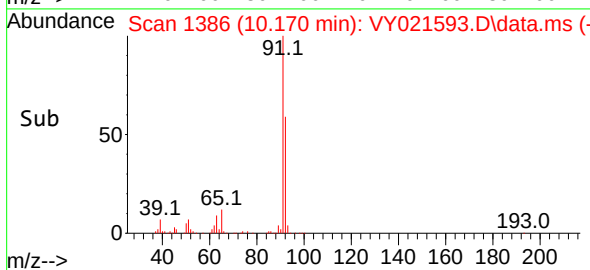
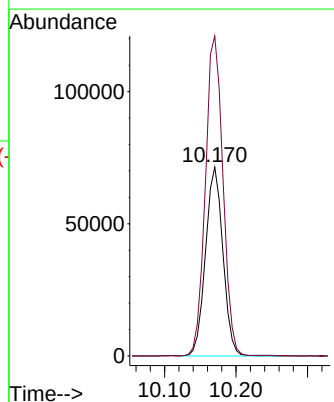
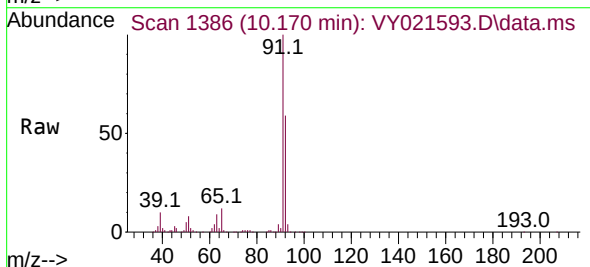
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

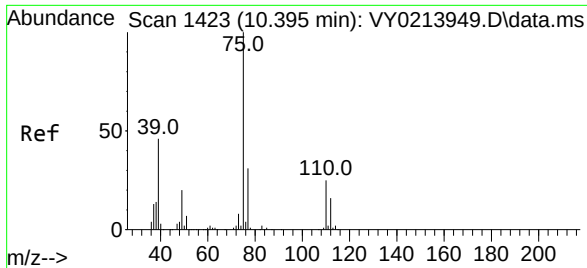
Tgt Ion: 43 Resp: 148524
Ion Ratio Lower Upper
43 100
58 38.5 31.4 47.2



#52
Toluene
Concen: 20.932 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion: 92 Resp: 120578
Ion Ratio Lower Upper
92 100
91 171.3 138.2 207.2

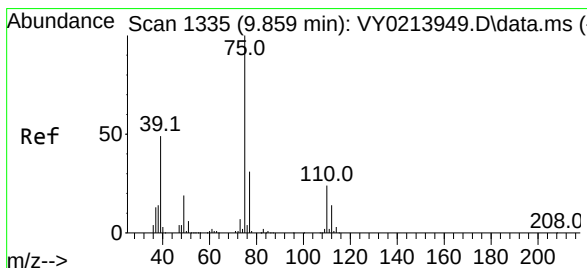
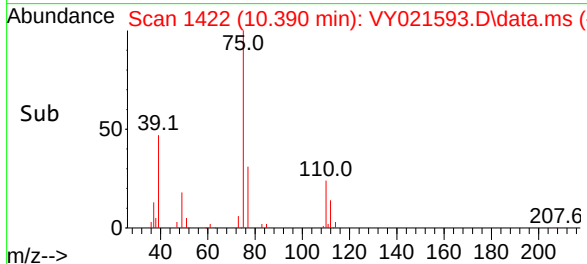
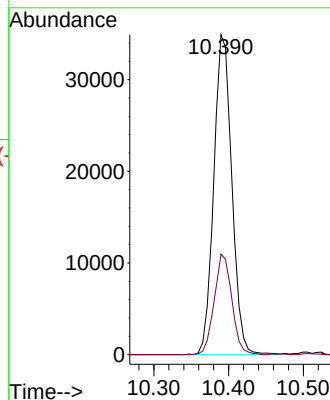
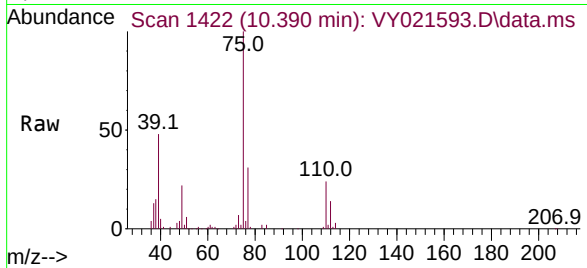




#53
 t-1,3-Dichloropropene
 Concen: 20.686 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021593.D
 Acq: 21 Mar 2025 12:42

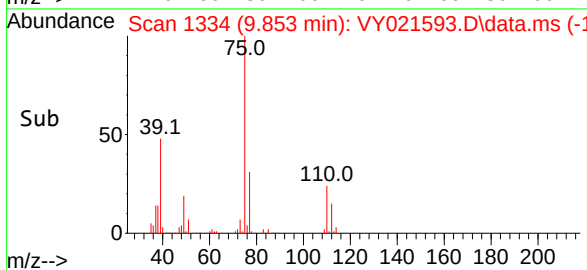
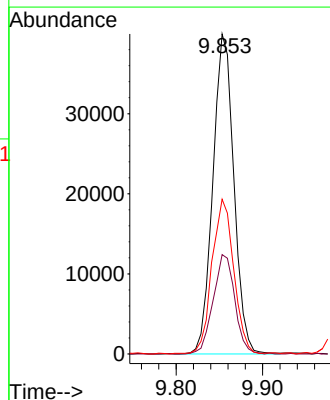
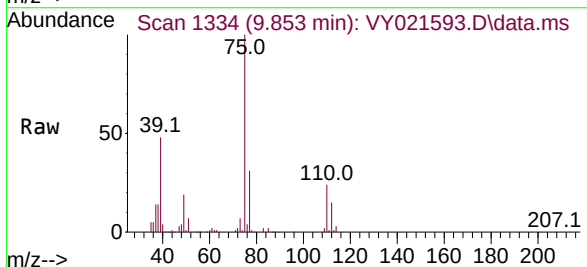
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

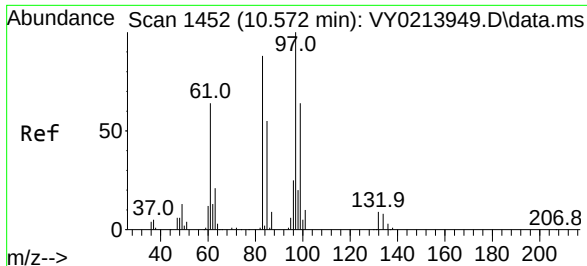
Tgt Ion: 75 Resp: 58561
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.033 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021593.D
 Acq: 21 Mar 2025 12:42

Tgt Ion: 75 Resp: 67331
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 37.0
 39 48.2 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 21.321 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBSD01

Tgt Ion: 97 Resp: 33745

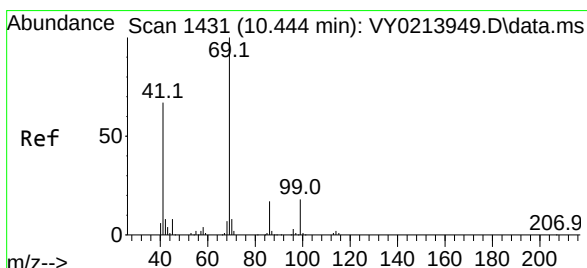
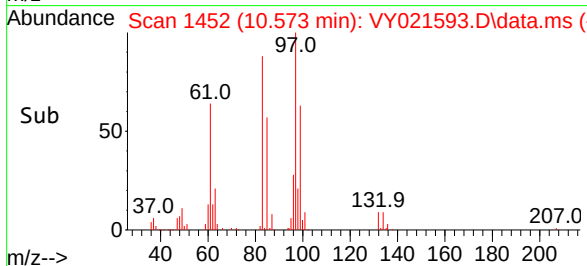
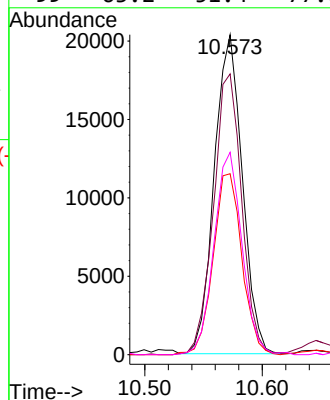
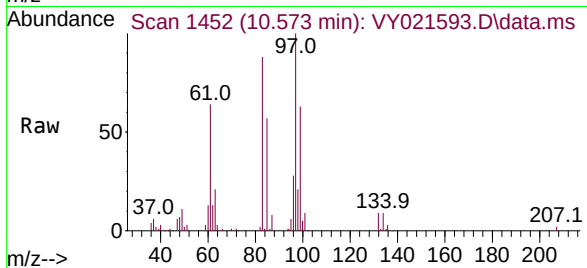
Ion Ratio Lower Upper

97 100

83 87.6 70.0 105.0

85 56.7 44.3 66.5

99 63.2 51.4 77.0



#56

Ethyl methacrylate

Concen: 20.339 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

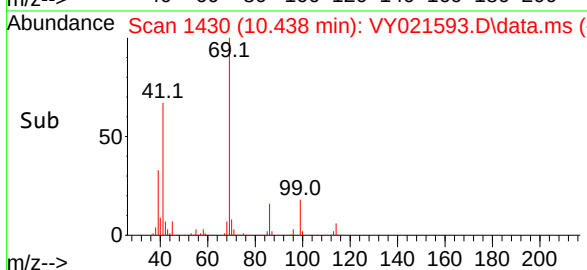
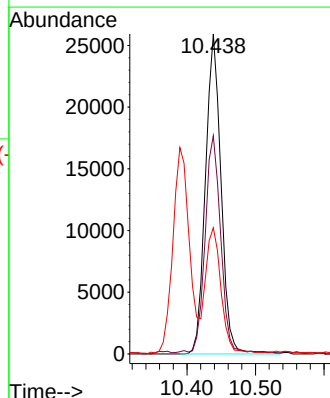
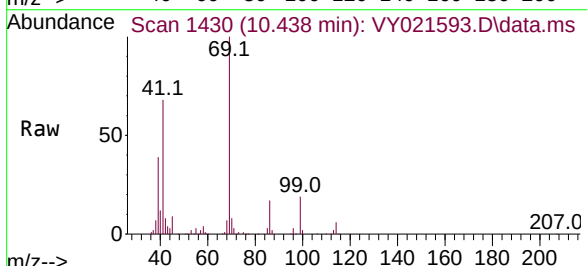
Tgt Ion: 69 Resp: 41055

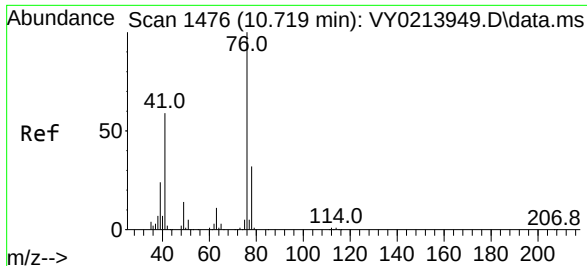
Ion Ratio Lower Upper

69 100

41 68.1 53.3 79.9

39 37.3 31.0 46.6





#57

1,3-Dichloropropane

Concen: 20.975 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

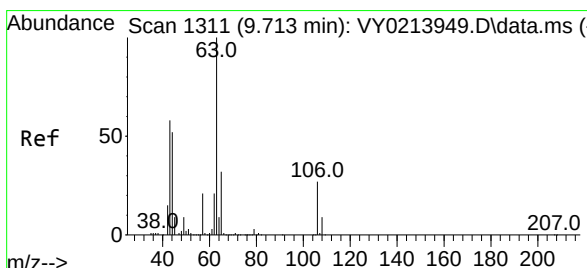
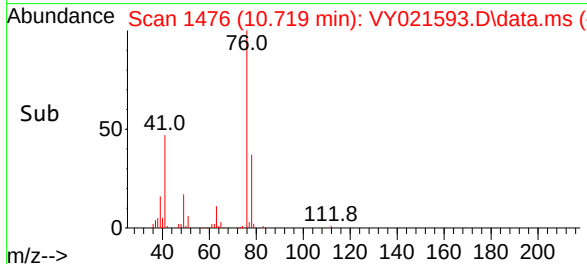
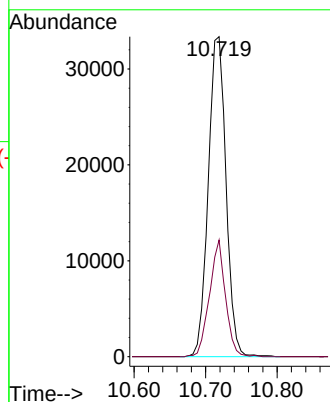
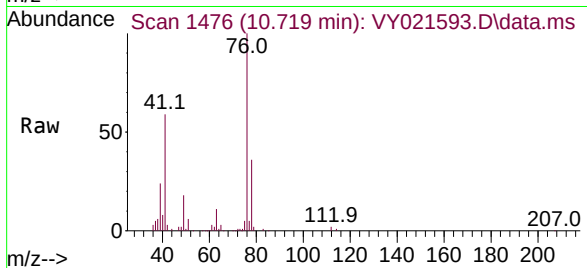
VY0321SBSD01

Tgt Ion: 76 Resp: 57539

Ion Ratio Lower Upper

76 100

78 32.9 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 102.498 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021593.D

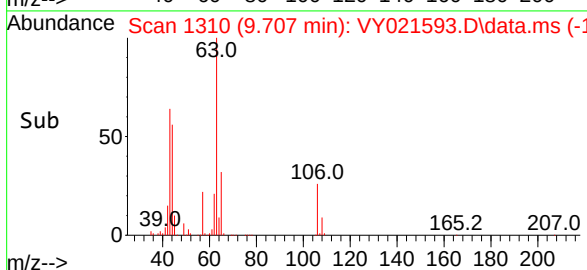
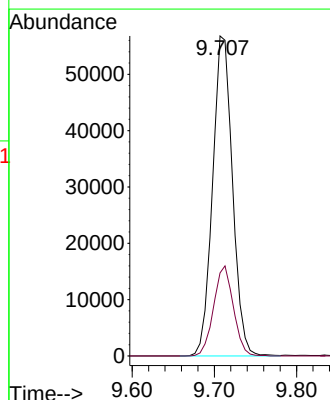
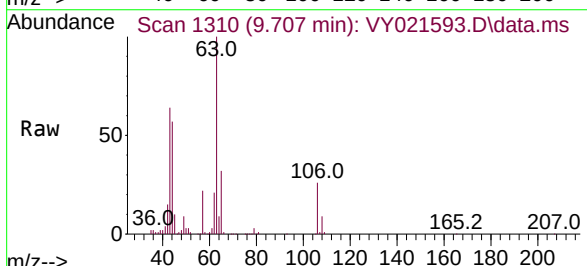
Acq: 21 Mar 2025 12:42

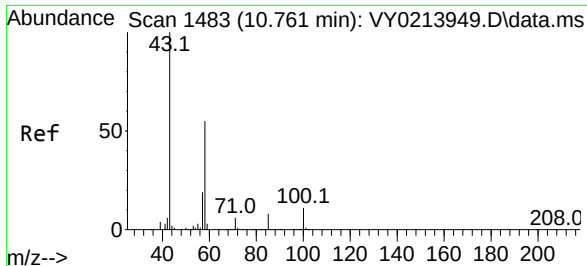
Tgt Ion: 63 Resp: 95509

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1





#59

2-Hexanone

Concen: 108.505 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

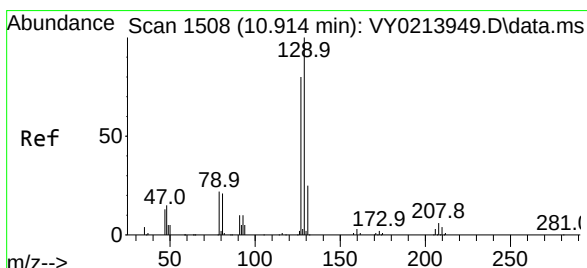
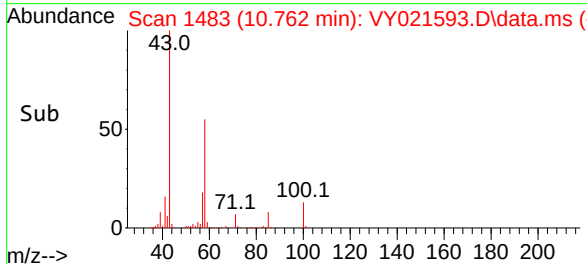
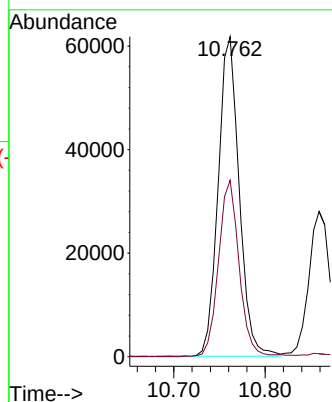
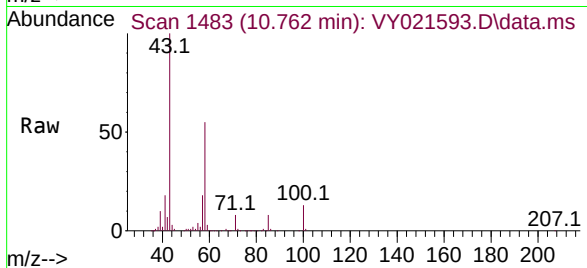
VY0321SBSD01

Tgt Ion: 43 Resp: 98516

Ion Ratio Lower Upper

43 100

58 54.6 27.3 81.8



#60

Dibromochloromethane

Concen: 21.171 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY021593.D

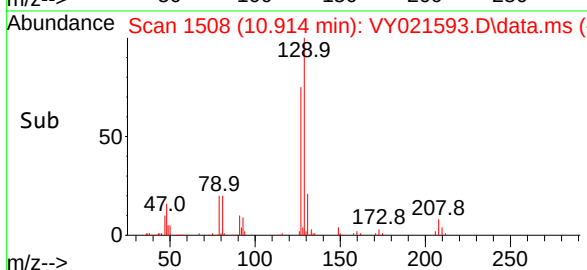
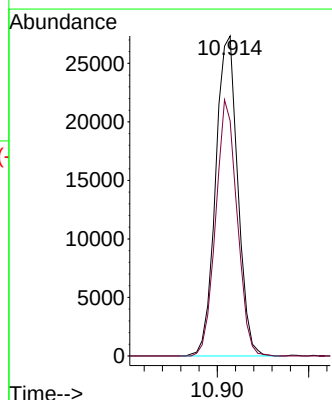
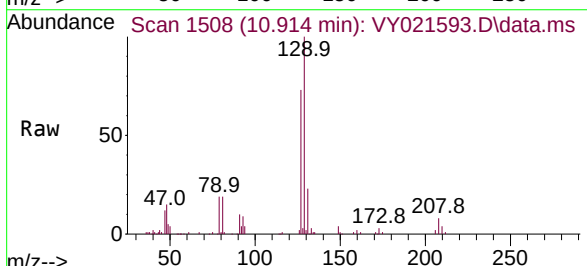
Acq: 21 Mar 2025 12:42

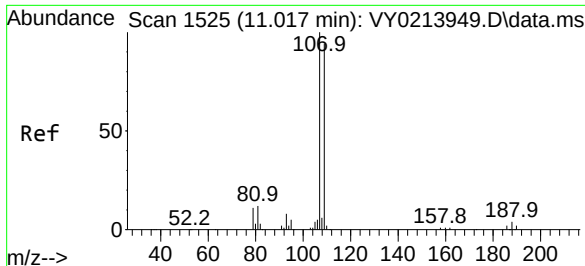
Tgt Ion: 129 Resp: 45938

Ion Ratio Lower Upper

129 100

127 77.3 39.1 117.3

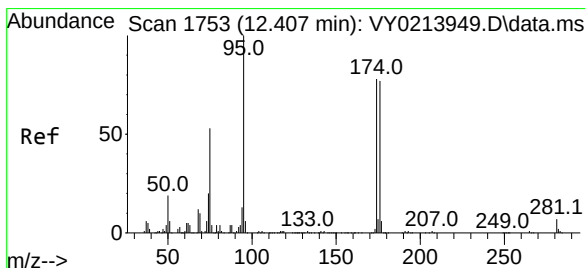
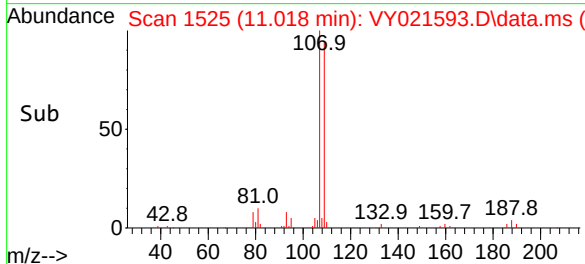
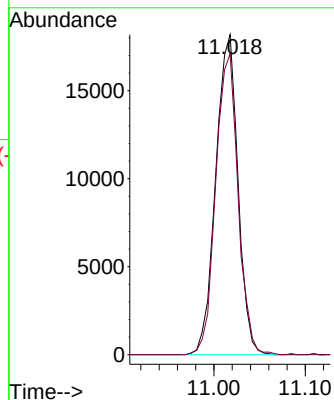
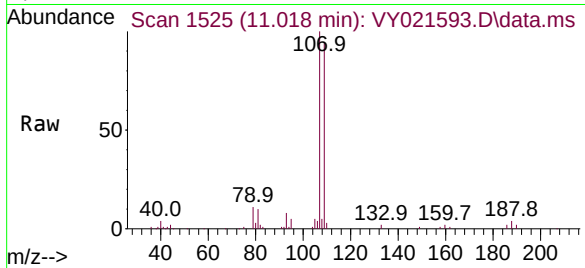




#61
1,2-Dibromoethane
Concen: 20.591 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

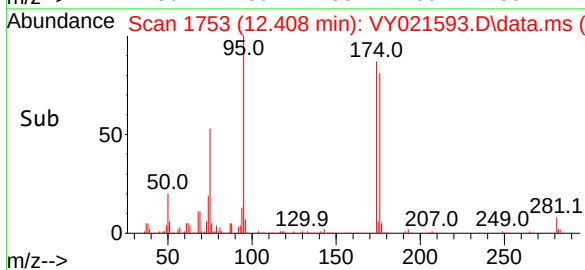
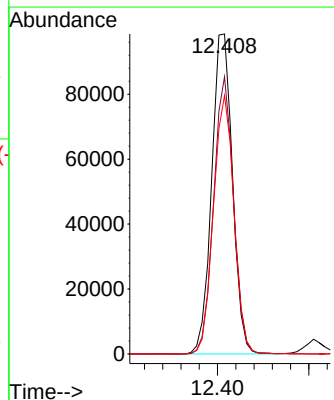
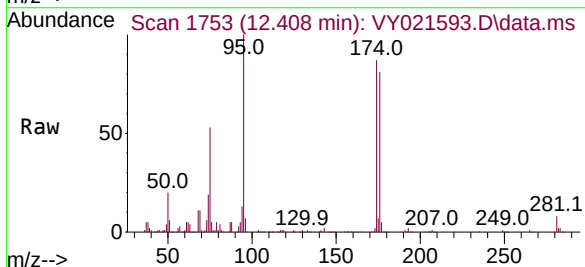
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

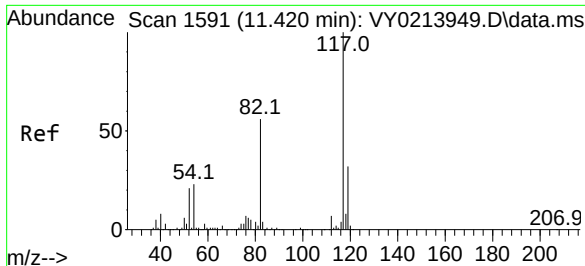
Tgt Ion:107 Resp: 30758
Ion Ratio Lower Upper
107 100
109 94.4 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 61.012 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion: 95 Resp: 155706
Ion Ratio Lower Upper
95 100
174 83.1 0.0 165.0
176 79.6 0.0 160.0

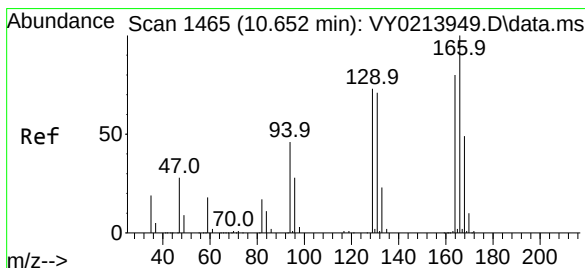
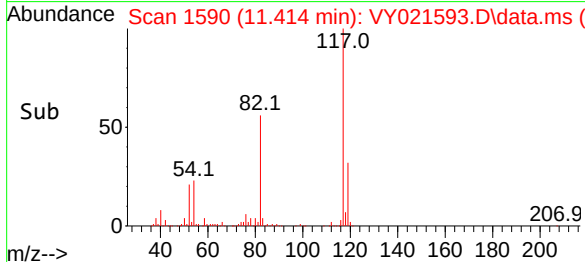
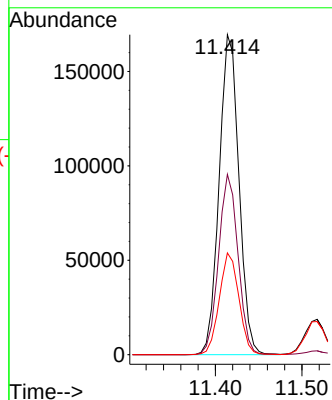
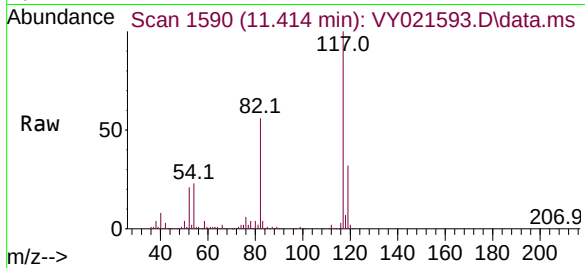




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

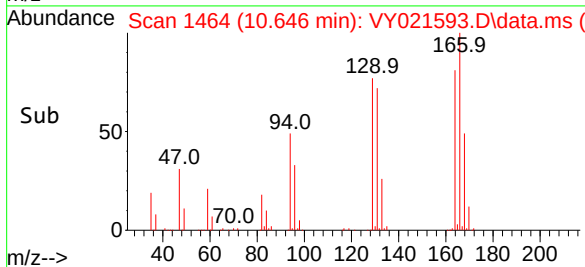
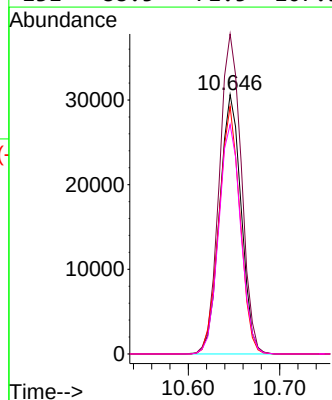
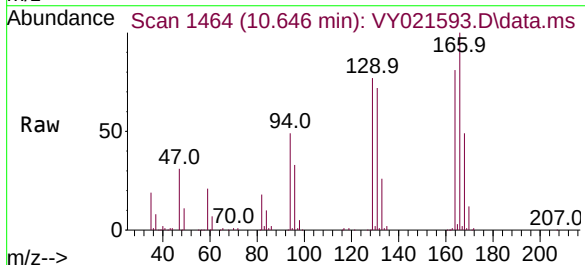
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

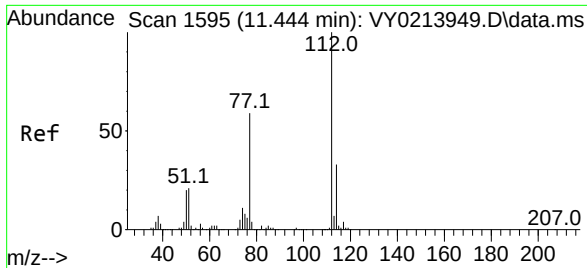
Tgt Ion:117 Resp: 268718
Ion Ratio Lower Upper
117 100
82 56.3 44.6 67.0
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 23.070 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion:164 Resp: 50410
Ion Ratio Lower Upper
164 100
166 123.4 100.4 150.6
129 95.5 73.8 110.8
131 88.5 71.5 107.3

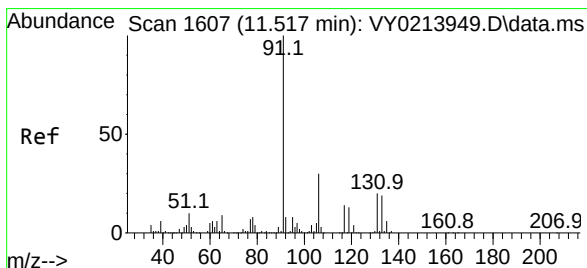
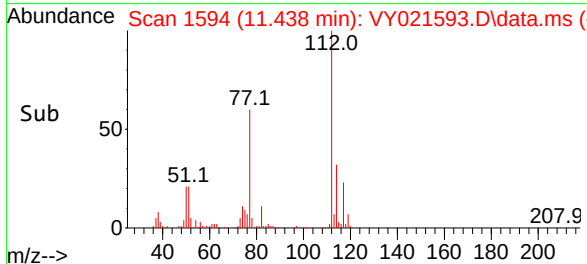
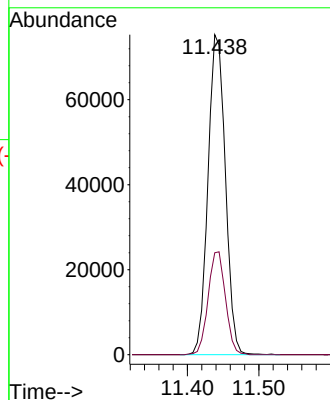
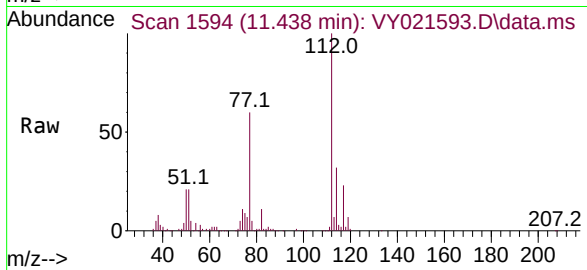




#65
Chlorobenzene
Concen: 20.021 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

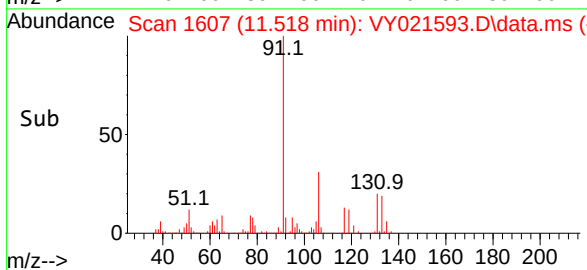
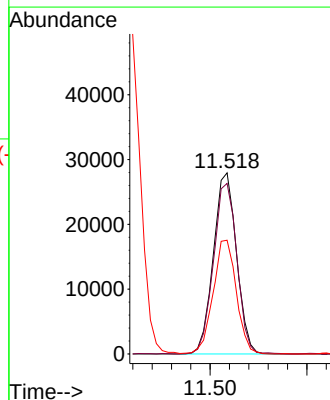
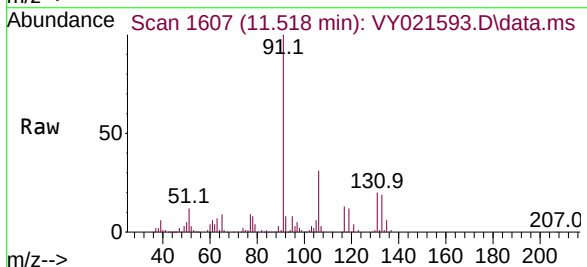
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

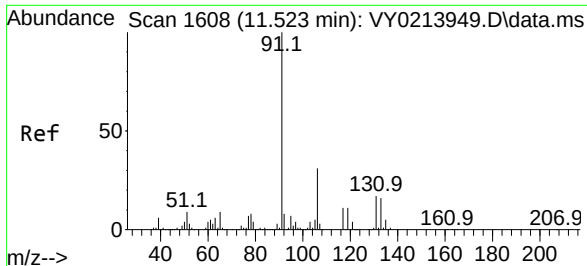
Tgt Ion:112 Resp: 127049
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.639 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion:131 Resp: 46303
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 63.2 32.3 96.9





#67

Ethyl Benzene

Concen: 19.286 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

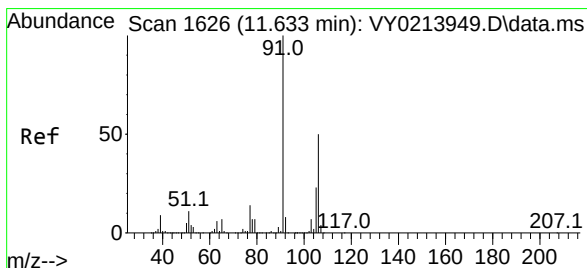
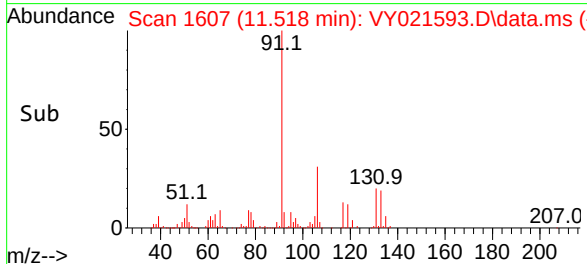
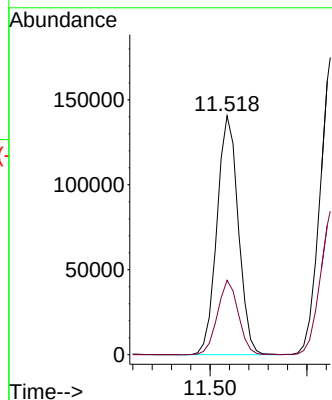
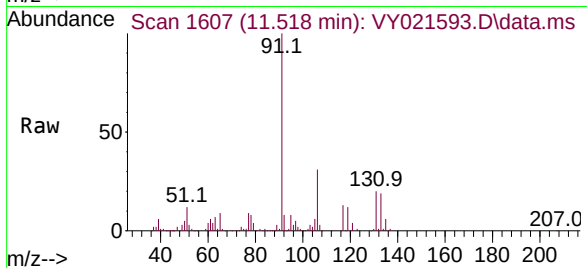
VY0321SBSD01

Tgt Ion: 91 Resp: 214810

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 39.214 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021593.D

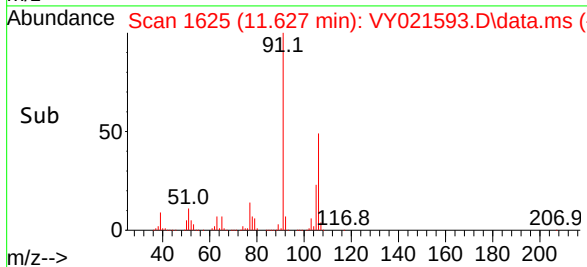
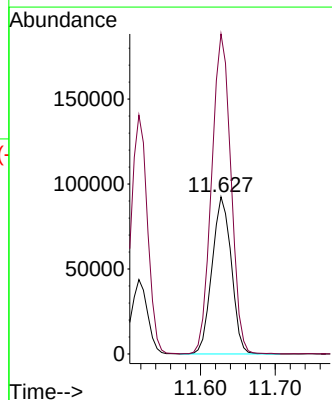
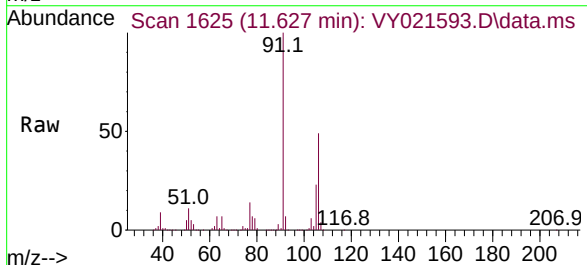
Acq: 21 Mar 2025 12:42

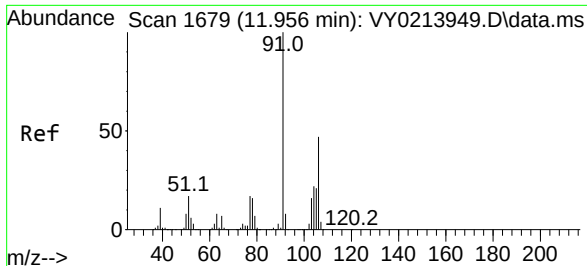
Tgt Ion:106 Resp: 165818

Ion Ratio Lower Upper

106 100

91 203.9 161.7 242.5





#69

o-Xylene

Concen: 19.506 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

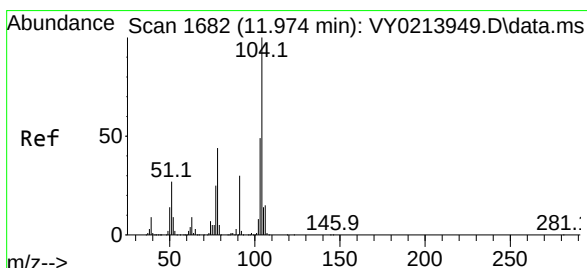
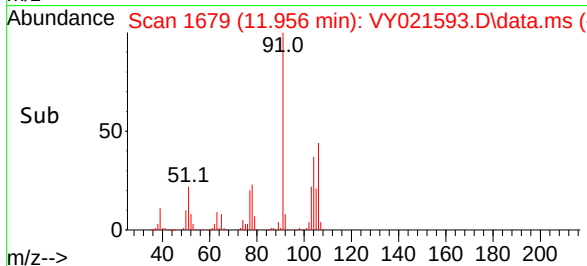
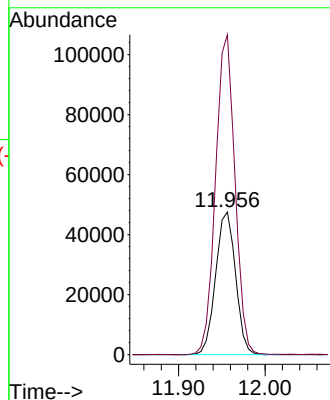
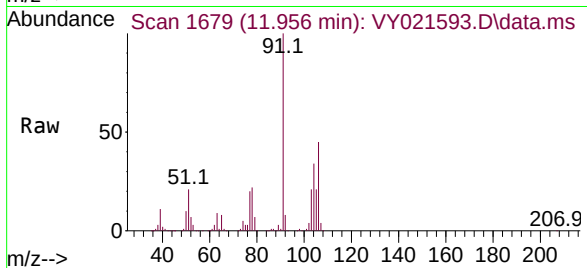
VY0321SBS01

Tgt Ion:106 Resp: 76018

Ion Ratio Lower Upper

106 100

91 218.5 107.6 322.8



#70

Styrene

Concen: 20.005 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

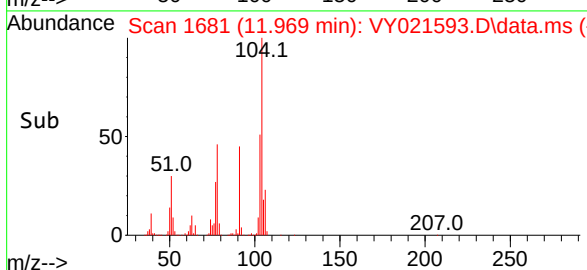
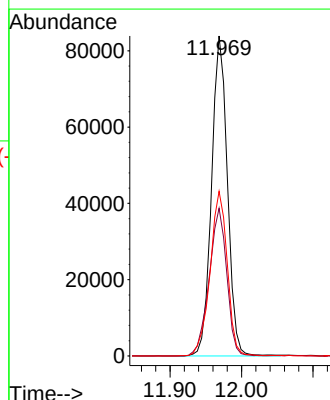
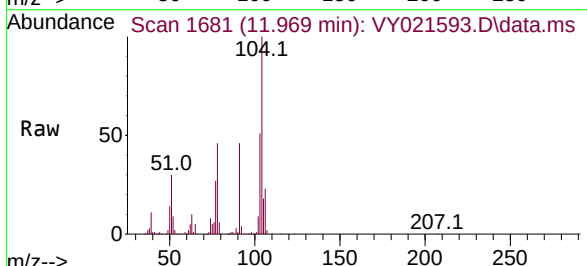
Tgt Ion:104 Resp: 129337

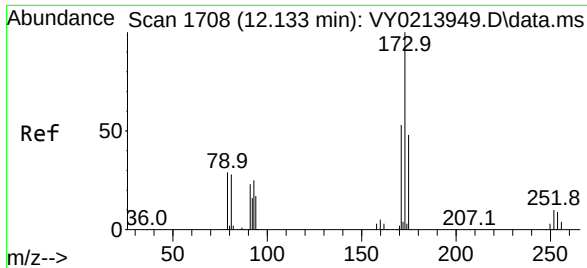
Ion Ratio Lower Upper

104 100

78 51.2 40.7 61.1

103 55.7 44.1 66.1

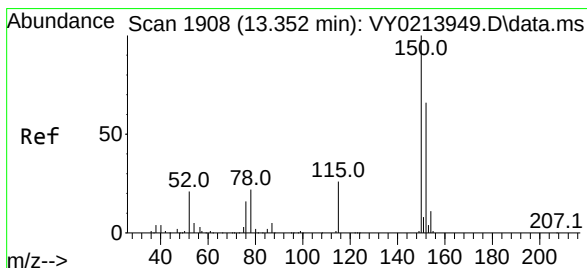
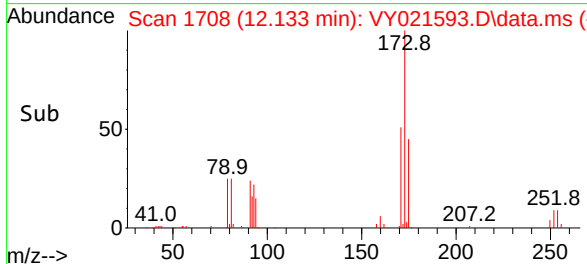
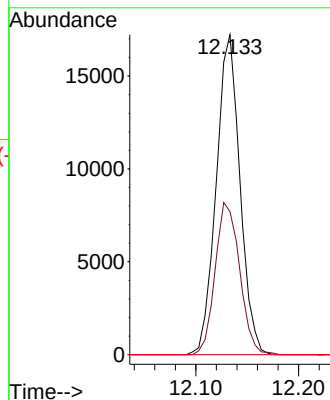
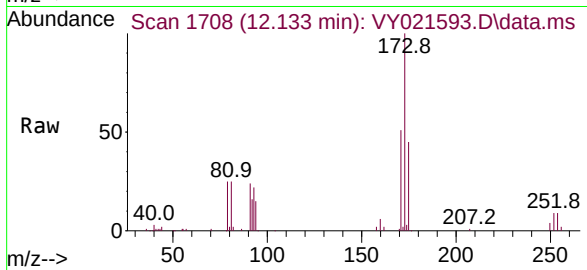




#71
Bromoform
Concen: 21.994 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

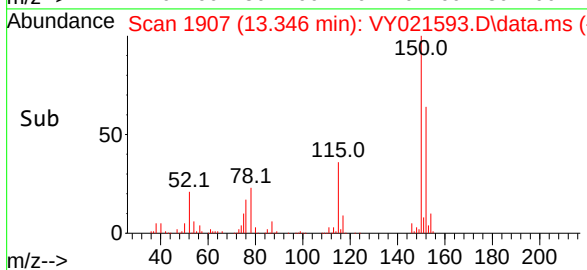
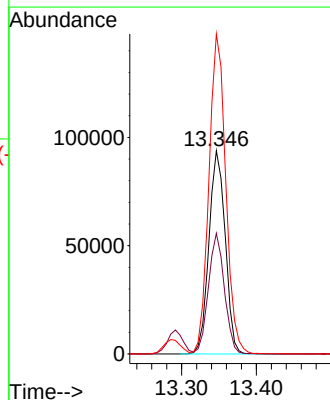
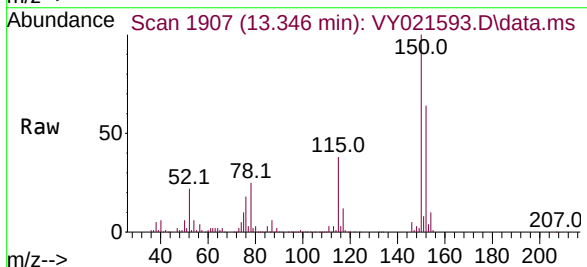
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

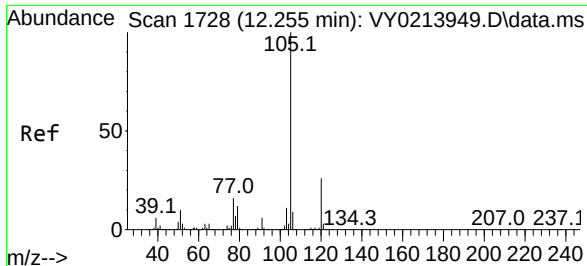
Tgt Ion:173 Resp: 27584
Ion Ratio Lower Upper
173 100
175 49.1 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion:152 Resp: 142255
Ion Ratio Lower Upper
152 100
115 58.0 29.0 87.0
150 162.3 0.0 347.2

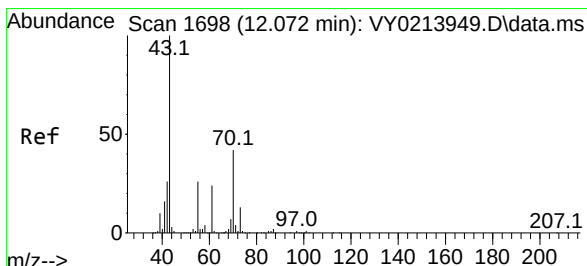
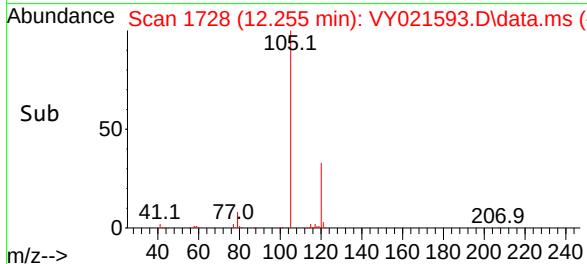
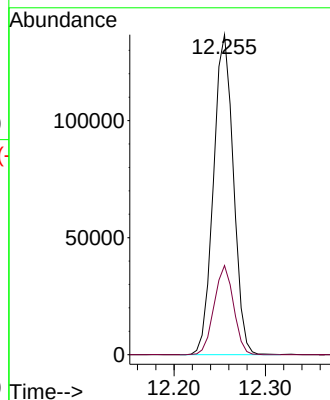
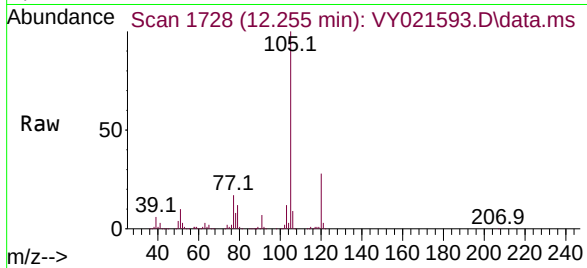




#73
Isopropylbenzene
Concen: 18.467 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

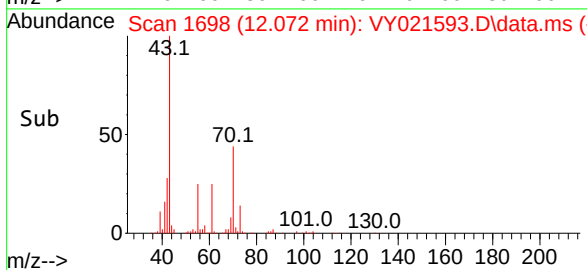
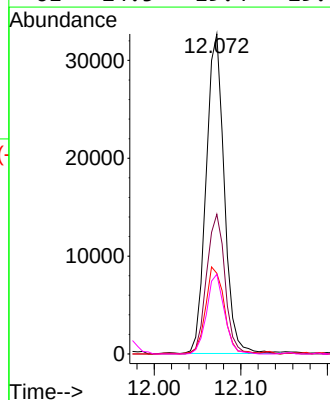
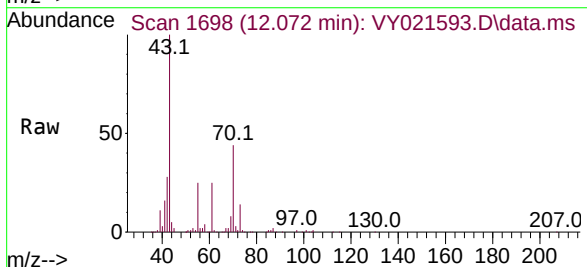
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

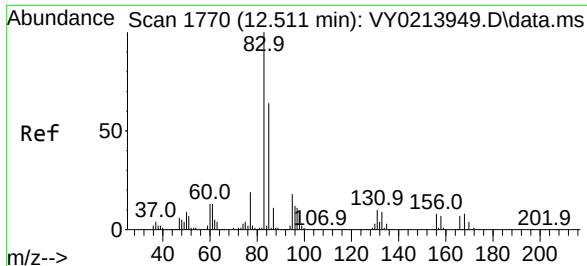
Tgt Ion:105 Resp: 206940
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.3



#74
N-ethyl acetate
Concen: 19.525 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion: 43 Resp: 47517
Ion Ratio Lower Upper
43 100
70 44.2 34.6 51.8
55 28.1 21.1 31.7
61 24.5 19.4 29.0

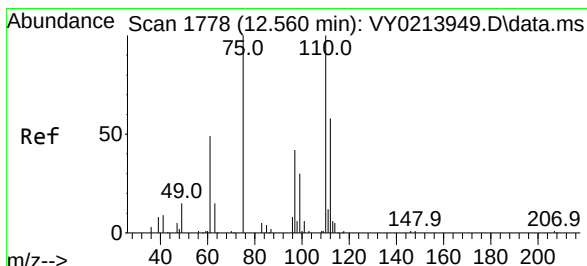
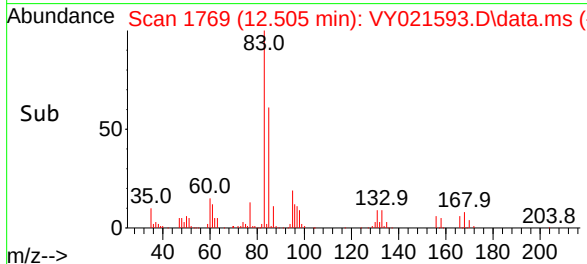
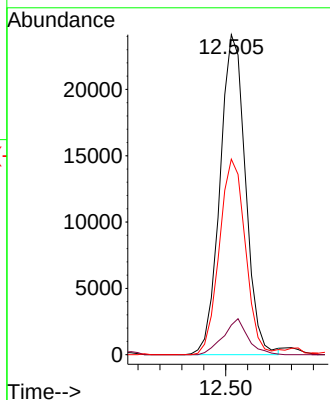
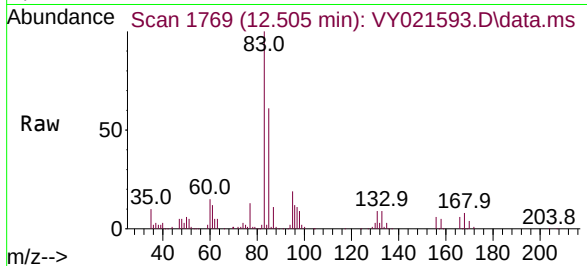




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.700 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021593.D
 Acq: 21 Mar 2025 12:42

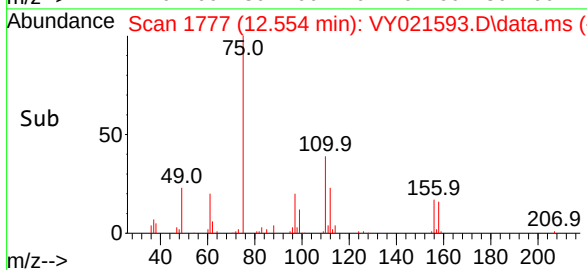
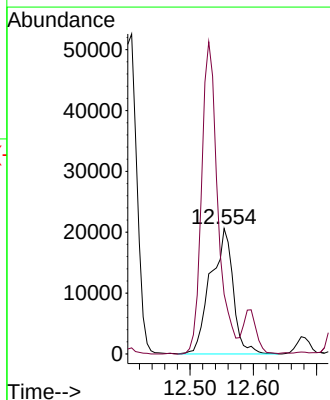
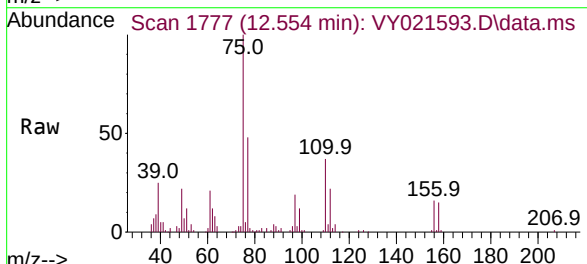
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

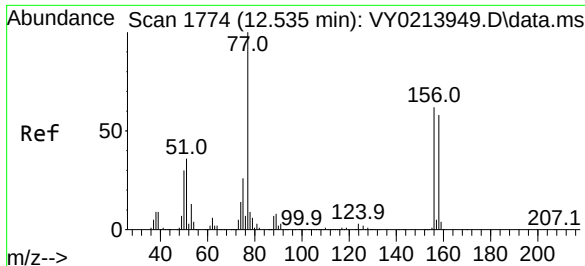
Tgt Ion: 83 Resp: 38955
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.3 16.1
 85 62.3 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 35.565 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021593.D
 Acq: 21 Mar 2025 12:42

Tgt Ion: 75 Resp: 50982
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

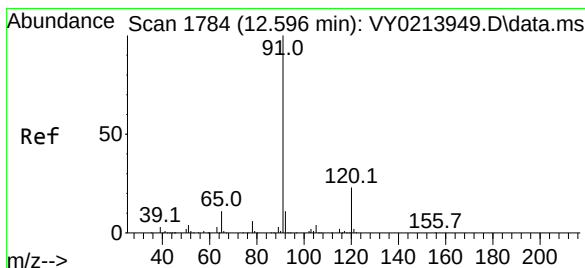
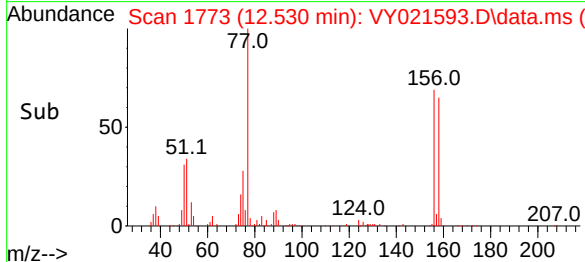
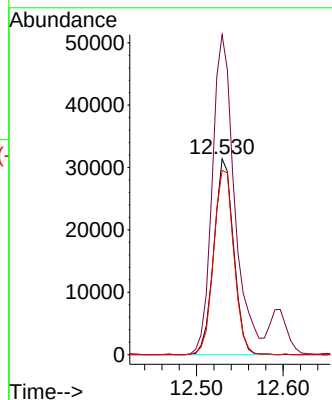
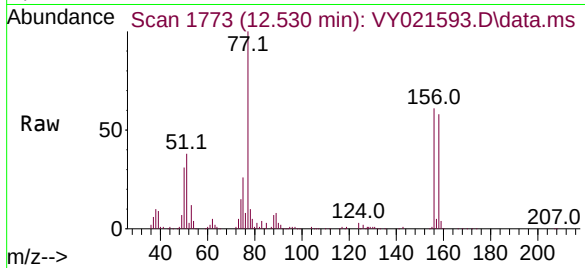




#77
Bromobenzene
Concen: 18.941 ug/l
RT: 12.530 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

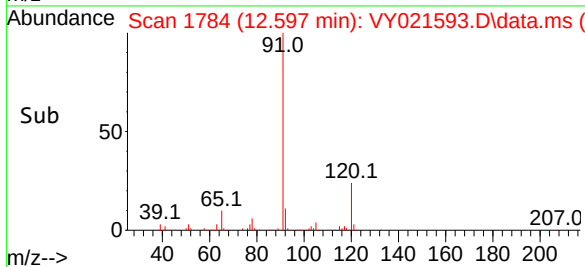
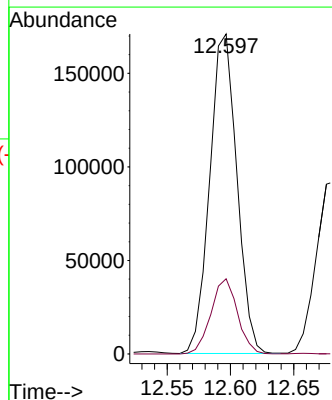
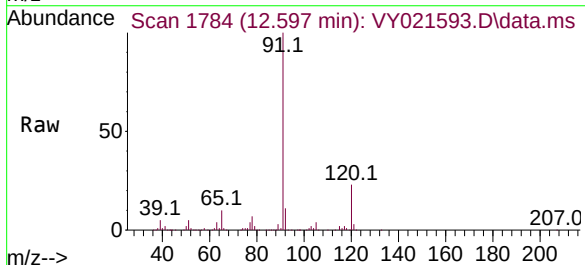
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

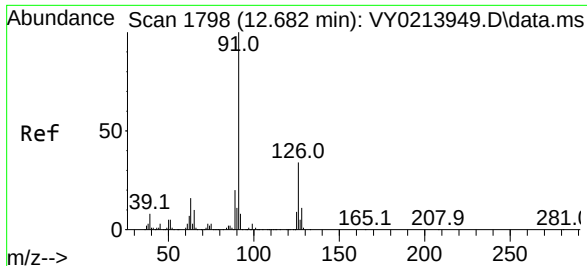
Tgt Ion:156 Resp: 49655
Ion Ratio Lower Upper
156 100
77 184.2 93.6 280.8
158 96.7 48.3 144.8



#78
n-propylbenzene
Concen: 18.737 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion: 91 Resp: 254997
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.8





#79

2-Chlorotoluene

Concen: 18.935 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

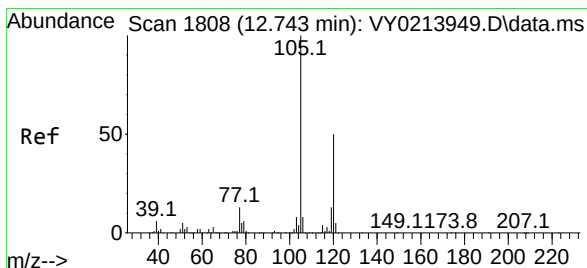
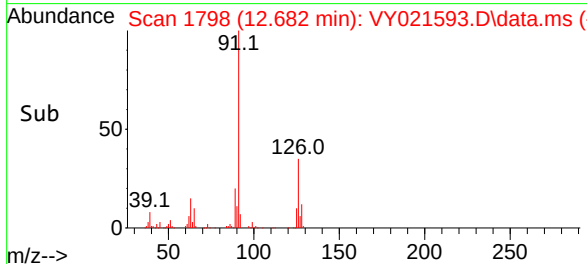
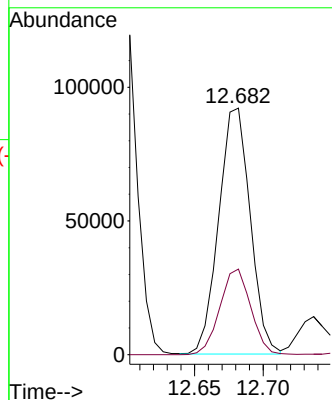
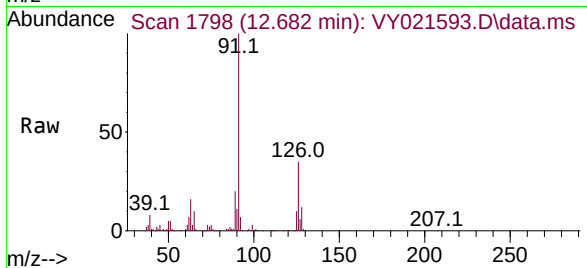
VY0321SBS01

Tgt Ion: 91 Resp: 147345

Ion Ratio Lower Upper

91 100

126 34.2 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.036 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021593.D

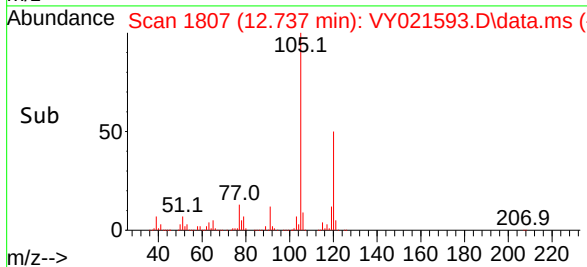
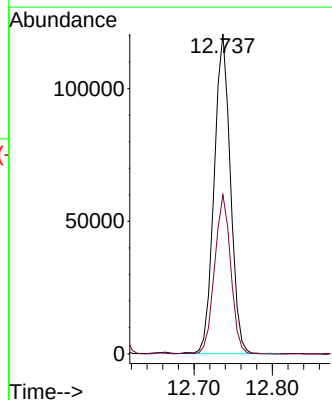
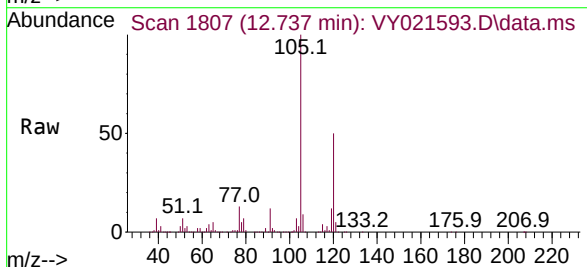
Acq: 21 Mar 2025 12:42

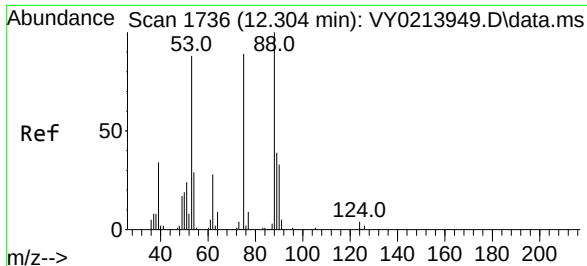
Tgt Ion: 105 Resp: 173356

Ion Ratio Lower Upper

105 100

120 49.6 24.6 73.6

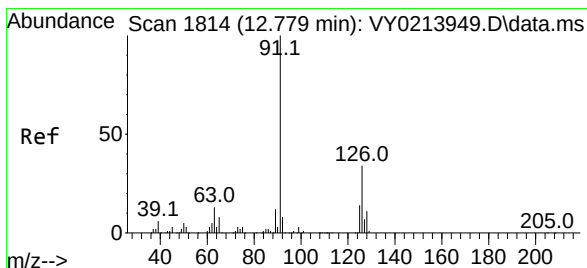
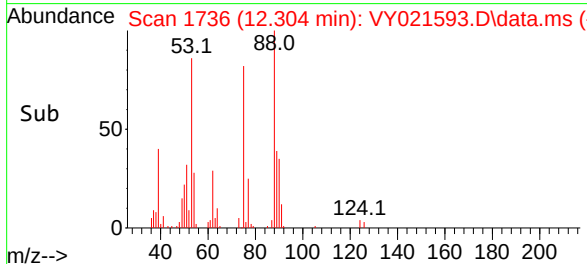
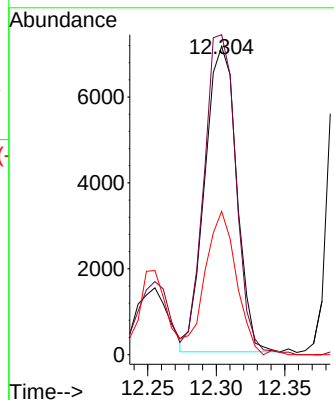
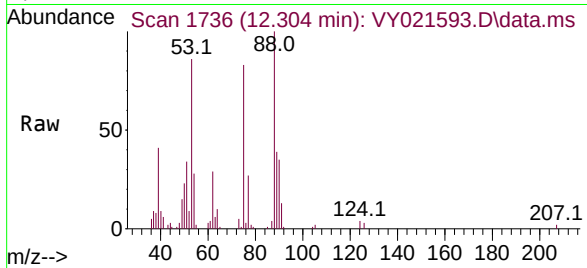




#81
trans-1,4-Dichloro-2-butene
Concen: 18.185 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

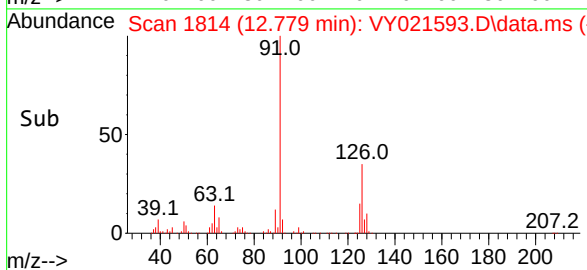
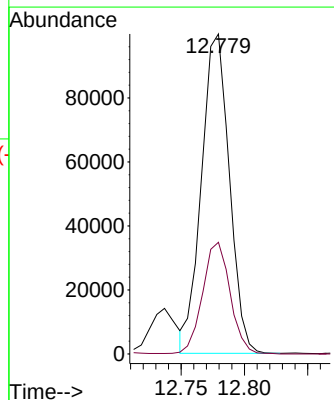
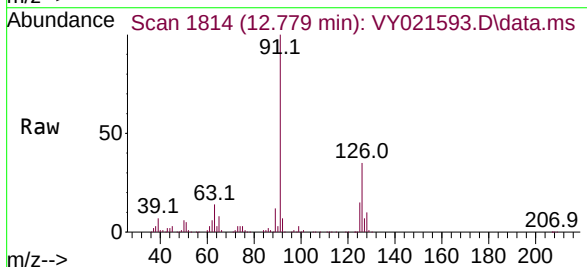
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

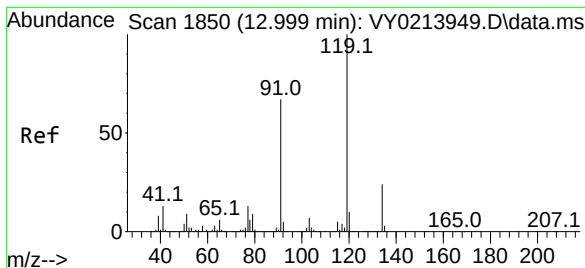
Tgt Ion: 75 Resp: 11467
Ion Ratio Lower Upper
75 100
53 105.8 81.0 121.4
89 46.6 36.9 55.3



#82
4-Chlorotoluene
Concen: 19.016 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion: 91 Resp: 153231
Ion Ratio Lower Upper
91 100
126 34.7 17.0 51.0

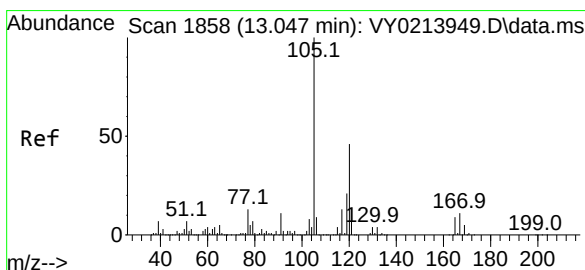
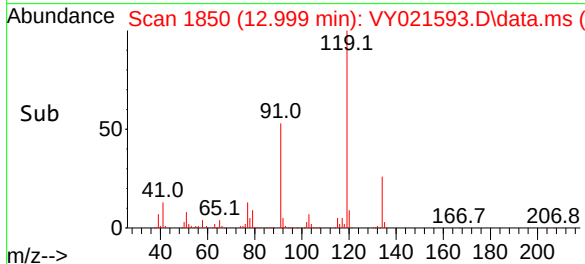
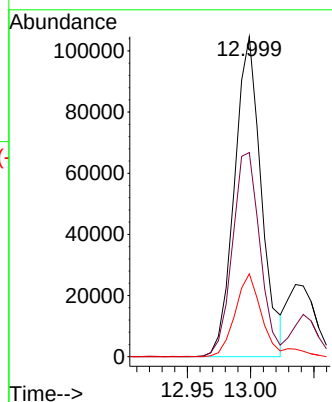
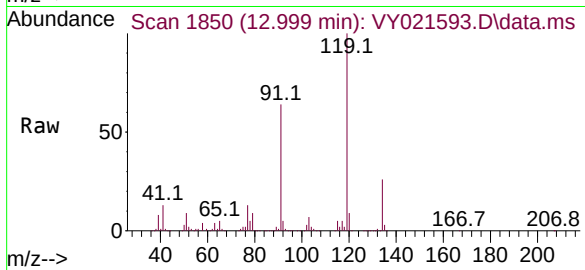




#83
 tert-Butylbenzene
 Concen: 19.084 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021593.D
 Acq: 21 Mar 2025 12:42

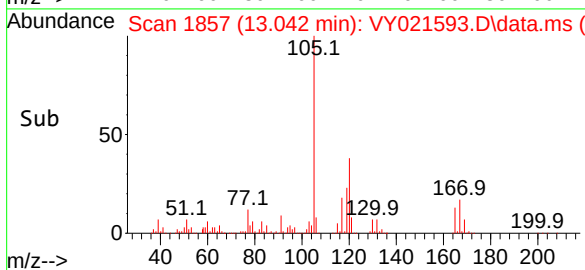
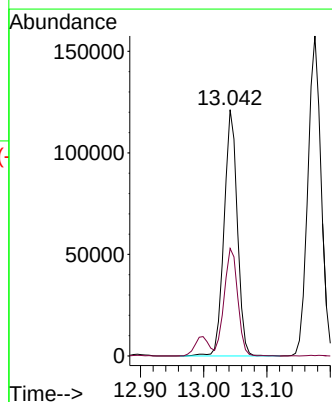
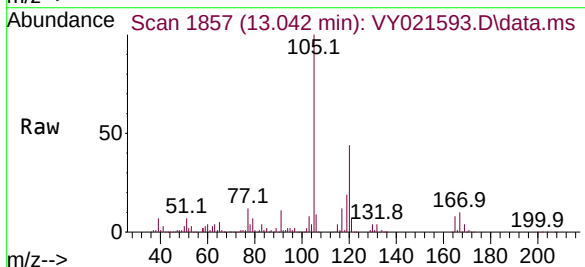
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

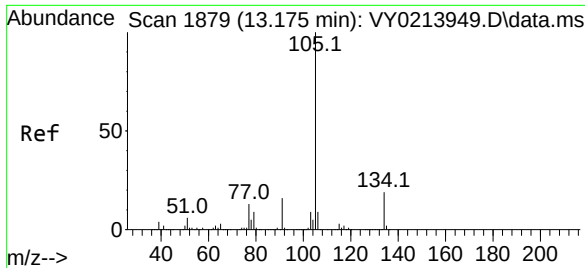
Tgt Ion:119 Resp: 155034
 Ion Ratio Lower Upper
 119 100
 91 65.6 33.2 99.6
 134 26.8 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.408 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021593.D
 Acq: 21 Mar 2025 12:42

Tgt Ion:105 Resp: 175480
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.7 68.1

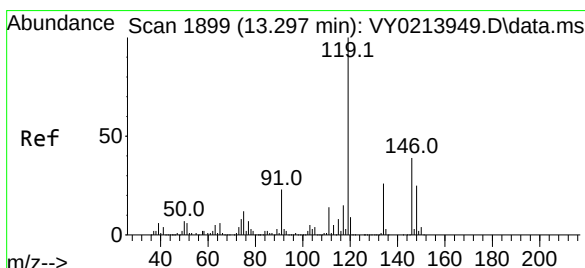
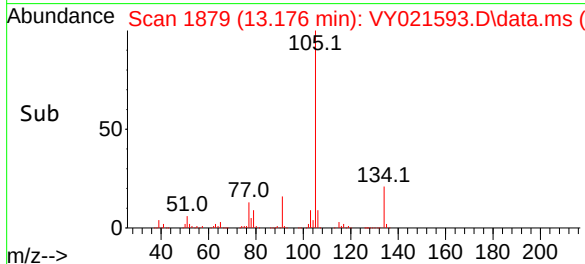
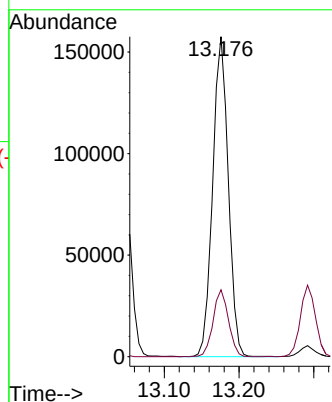
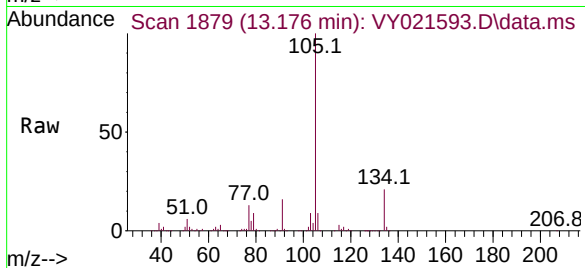




#85
 sec-Butylbenzene
 Concen: 18.907 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021593.D
 Acq: 21 Mar 2025 12:42

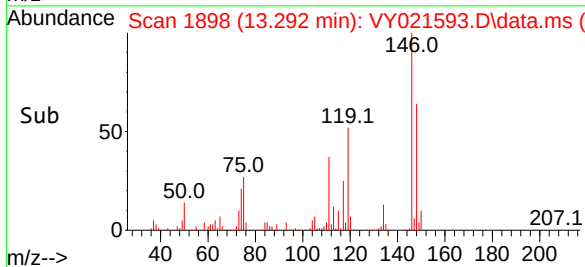
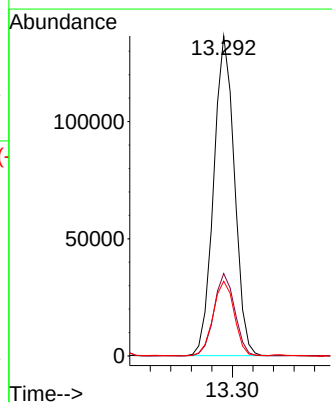
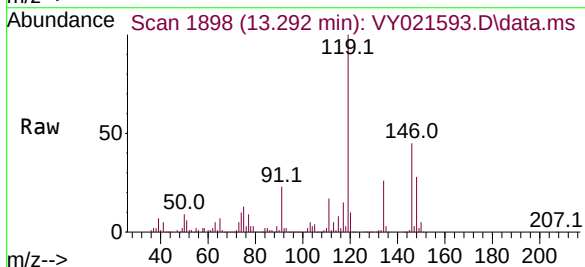
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBSD01

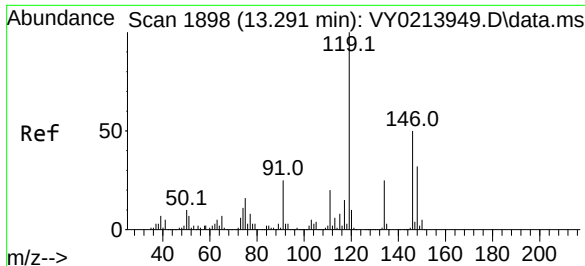
Tgt Ion:105 Resp: 228529
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 19.152 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021593.D
 Acq: 21 Mar 2025 12:42

Tgt Ion:119 Resp: 190717
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.7 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 19.373 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

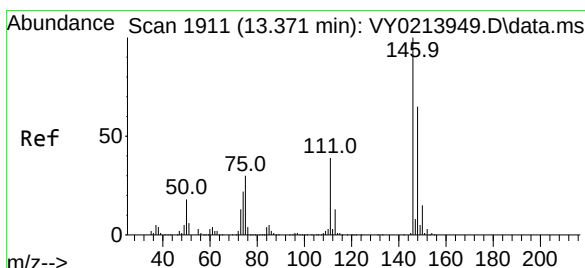
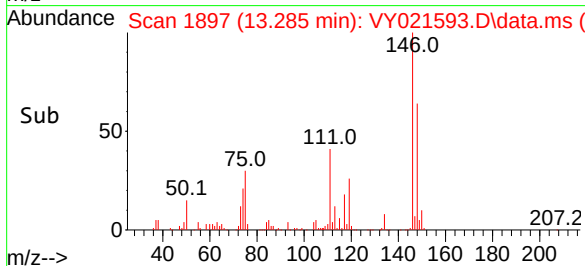
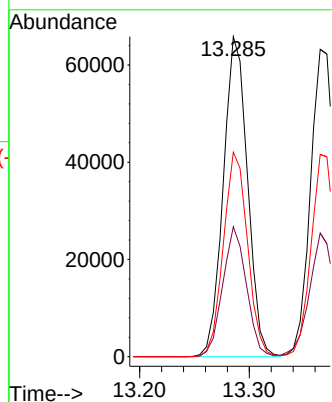
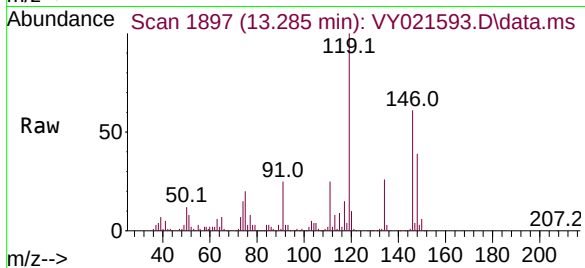
Tgt Ion:146 Resp: 101099

Ion Ratio Lower Upper

146 100

111 39.6 20.0 60.0

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.584 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

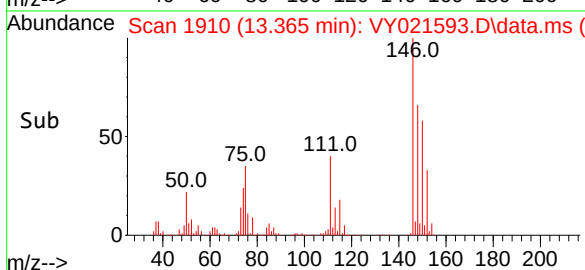
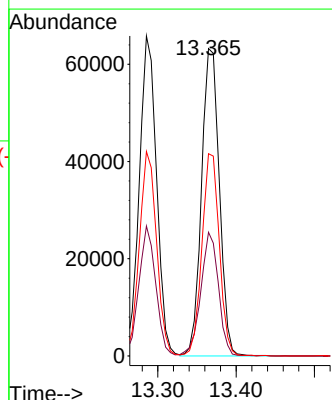
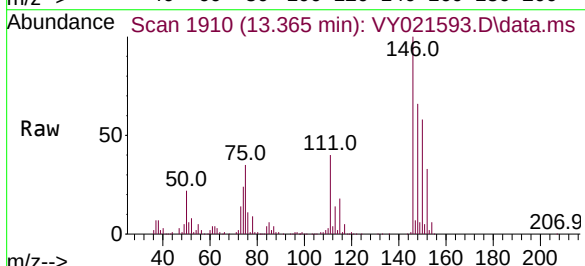
Tgt Ion:146 Resp: 99948

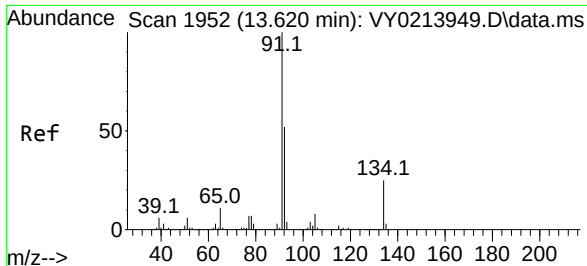
Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.8

148 64.0 32.3 96.8





#89

n-Butylbenzene

Concen: 19.238 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

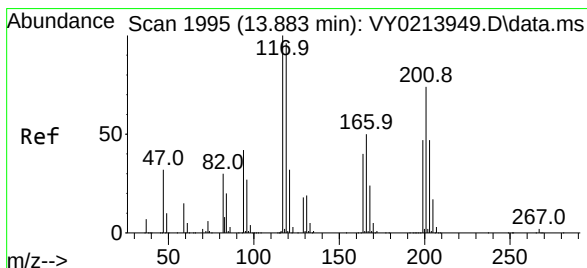
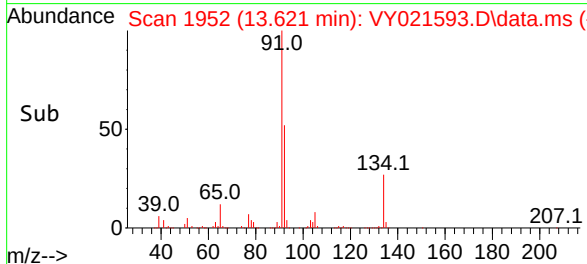
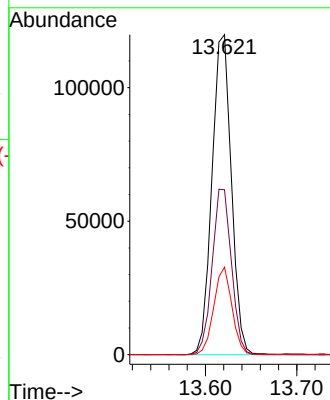
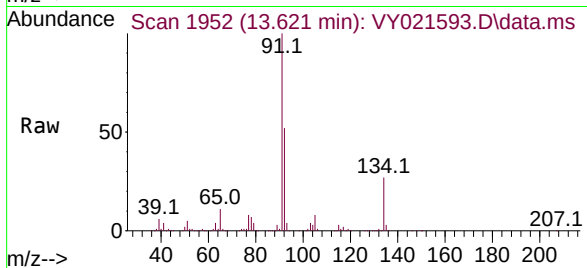
Tgt Ion: 91 Resp: 176902

Ion Ratio Lower Upper

91 100

92 51.7 26.1 78.3

134 25.7 12.6 37.8



#90

Hexachloroethane

Concen: 19.457 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021593.D

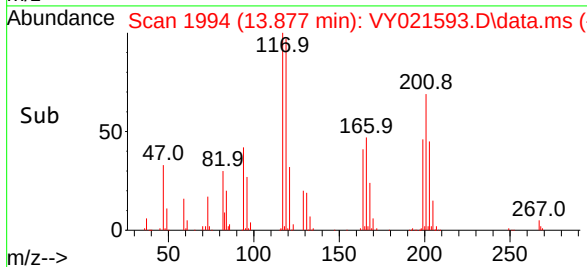
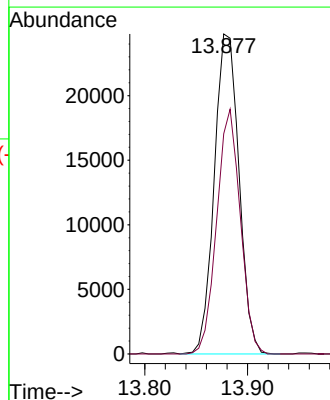
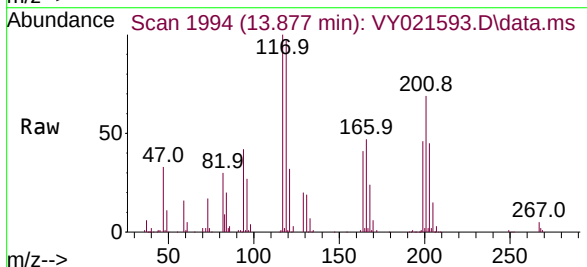
Acq: 21 Mar 2025 12:42

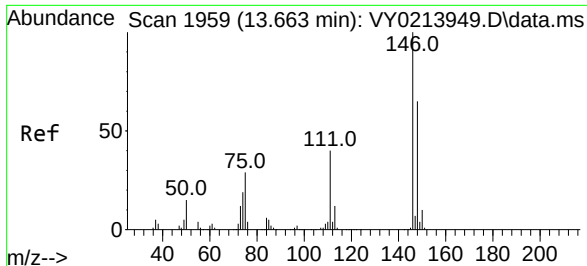
Tgt Ion: 117 Resp: 41333

Ion Ratio Lower Upper

117 100

201 73.0 37.4 112.2

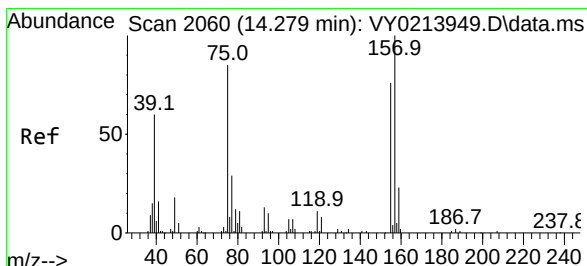
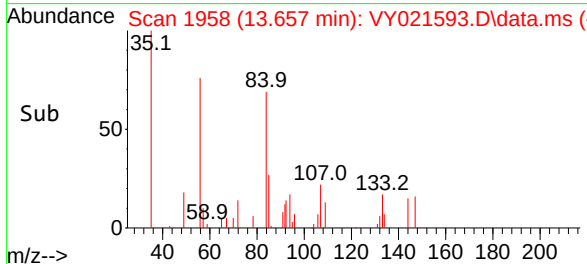
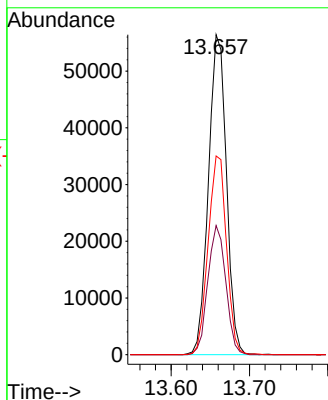
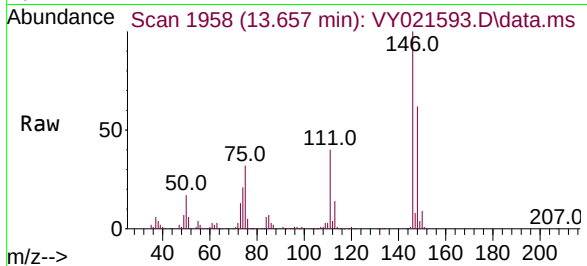




#91
1,2-Dichlorobenzene
Concen: 20.093 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

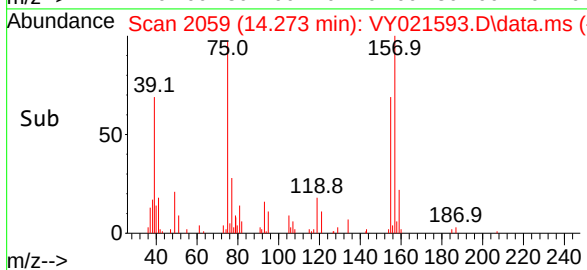
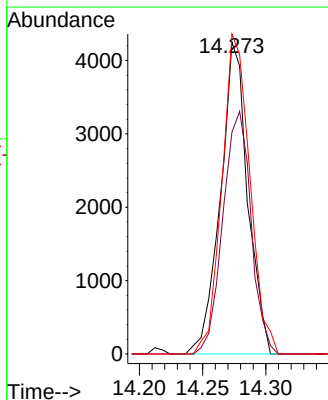
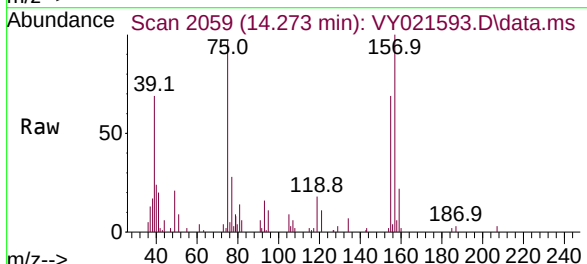
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

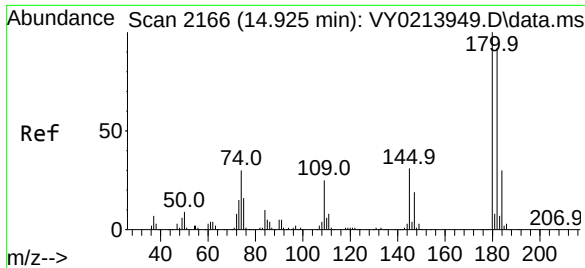
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.7	62.1
148	63.5	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.498 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021593.D
Acq: 21 Mar 2025 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	43.5	130.5
157	104.8	54.4	163.2





#93

1,2,4-Trichlorobenzene

Concen: 20.805 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBSD01

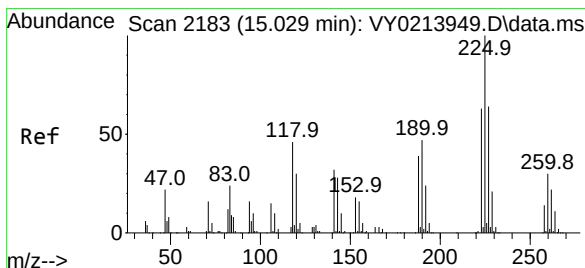
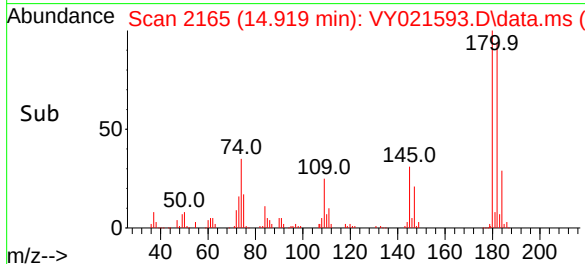
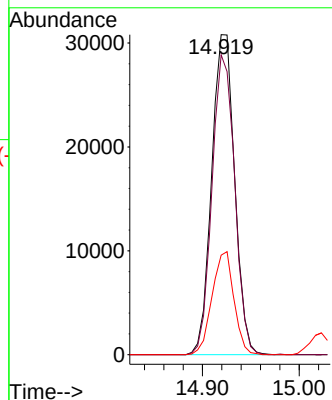
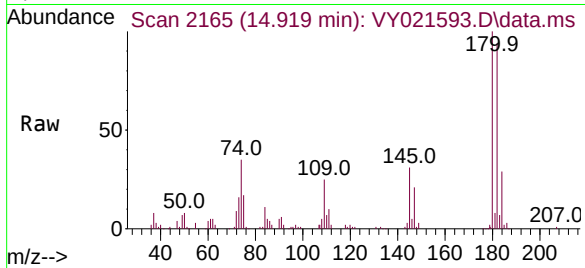
Tgt Ion:180 Resp: 50826

Ion Ratio Lower Upper

180 100

182 92.3 46.7 140.0

145 30.6 15.6 46.8



#94

Hexachlorobutadiene

Concen: 20.920 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

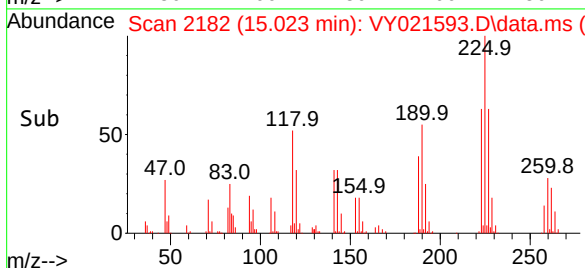
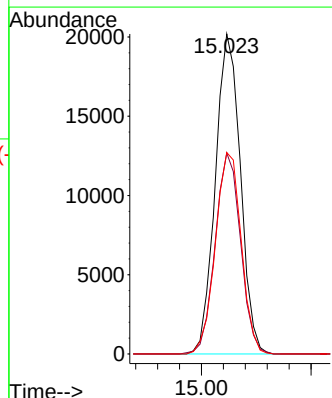
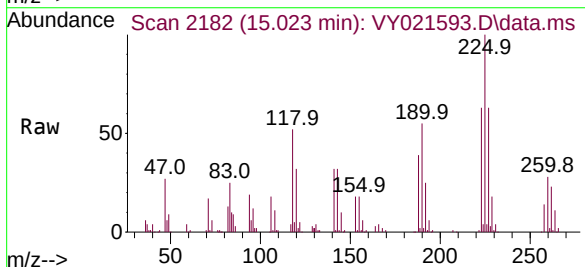
Tgt Ion:225 Resp: 32036

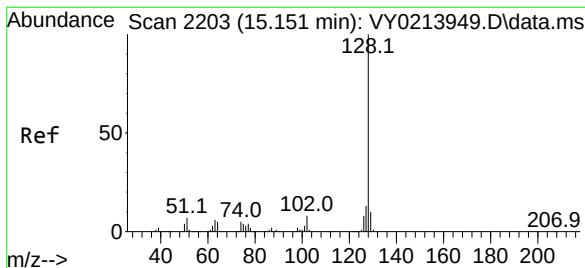
Ion Ratio Lower Upper

225 100

223 63.7 31.4 94.2

227 64.9 31.8 95.4





#95

Naphthalene

Concen: 21.264 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

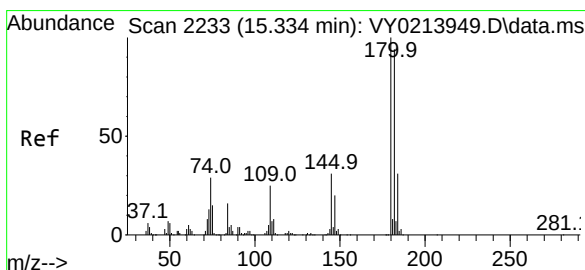
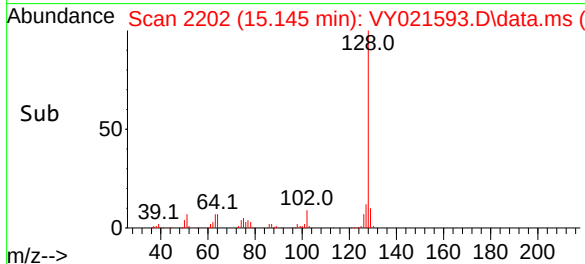
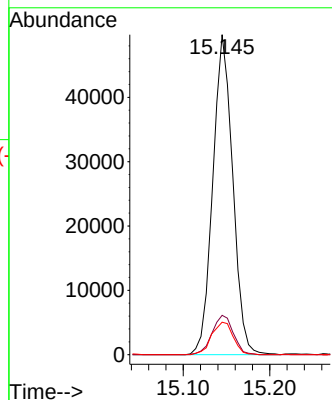
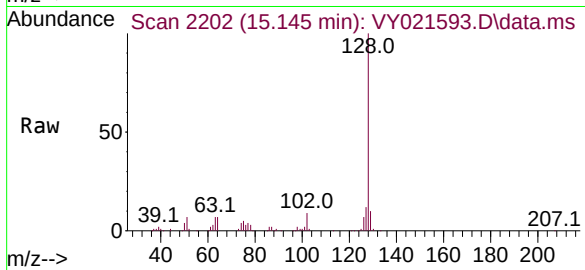
Tgt Ion:128 Resp: 79527

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.764 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021593.D

Acq: 21 Mar 2025 12:42

Tgt Ion:180 Resp: 42662

Ion Ratio Lower Upper

180 100

182 93.1 47.2 141.6

145 33.4 16.4 49.1

