

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032625\
 Data File : VY021646.D
 Acq On : 26 Mar 2025 14:58
 Operator : SY/MD
 Sample : VY0326SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBS01

Quant Time: Mar 27 01:31:52 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	162712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	264080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	234899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	121610	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	97377	56.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.240%	
35) Dibromofluoromethane	7.634	113	91783	52.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.760%	
50) Toluene-d8	10.103	98	325662	49.550	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.100%	
62) 4-Bromofluorobenzene	12.408	95	113297	50.677	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	26402	17.682	ug/l	98
3) Chloromethane	2.068	50	39383	18.708	ug/l	98
4) Vinyl Chloride	2.202	62	45706	19.868	ug/l	99
5) Bromomethane	2.592	94	35116	21.120	ug/l	97
6) Chloroethane	2.726	64	34181	22.483	ug/l	99
7) Trichlorofluoromethane	3.050	101	67641	21.066	ug/l	99
8) Diethyl Ether	3.452	74	20288	22.799	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.812	101	37867	20.655	ug/l	100
10) Methyl Iodide	4.001	142	35136	18.854	ug/l	99
11) Tert butyl alcohol	4.866	59	13279	105.757	ug/l	98
12) 1,1-Dichloroethene	3.781	96	32881	19.673	ug/l	96
13) Acrolein	3.647	56	7471	85.408	ug/l	91
14) Allyl chloride	4.379	41	53366	19.757	ug/l	96
15) Acrylonitrile	5.055	53	45115	119.099	ug/l	99
16) Acetone	3.867	43	35549	94.773	ug/l	91
17) Carbon Disulfide	4.104	76	79885	15.251	ug/l	97
18) Methyl Acetate	4.379	43	19748	23.728	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	96508	22.781	ug/l	96
20) Methylene Chloride	4.610	84	43299	21.991	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	36682	19.597	ug/l	93
22) Diisopropyl ether	6.012	45	130335	22.390	ug/l	98
23) Vinyl Acetate	5.958	43	368904	111.045	ug/l	99
24) 1,1-Dichloroethane	5.915	63	75054	21.846	ug/l	98
25) 2-Butanone	6.890	43	56791	109.451	ug/l	96
26) 2,2-Dichloropropane	6.884	77	46920	14.843	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	45724	21.502	ug/l	95
28) Bromochloromethane	7.244	49	31005	21.526	ug/l	95
29) Tetrahydrofuran	7.262	42	36756	114.746	ug/l	98
30) Chloroform	7.415	83	81780	22.924	ug/l	95
31) Cyclohexane	7.701	56	55864	17.344	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	69389	21.243	ug/l	99
36) 1,1-Dichloropropene	7.835	75	50223	18.484	ug/l	100
37) Ethyl Acetate	6.982	43	25744	21.437	ug/l	97
38) Carbon Tetrachloride	7.817	117	61163	19.573	ug/l	97
39) Methylcyclohexane	9.109	83	56018	16.808	ug/l	96
40) Benzene	8.079	78	162461	20.297	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	14390	22.006	ug/l #	94
42) 1,2-Dichloroethane	8.152	62	47888	21.386	ug/l	99
43) Isopropyl Acetate	8.195	43	52487	22.514	ug/l #	88
44) Trichloroethene	8.866	130	41109	20.325	ug/l	97
45) 1,2-Dichloropropane	9.140	63	40898	21.469	ug/l	99
46) Dibromomethane	9.231	93	23349	22.029	ug/l	99
47) Bromodichloromethane	9.420	83	62581	22.232	ug/l	98
48) Methyl methacrylate	9.219	41	21517	20.099	ug/l	92
49) 1,4-Dioxane	9.225	88	5282	507.704	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	139908	116.310	ug/l	98
52) Toluene	10.170	92	101158	20.046	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	50203	20.243	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	57905	19.666	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	31870	22.986	ug/l	95
56) Ethyl methacrylate	10.439	69	38289	21.653	ug/l	99
57) 1,3-Dichloropropane	10.713	76	52733	21.944	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	92581	113.417	ug/l	99
59) 2-Hexanone	10.762	43	88439	111.191	ug/l	100
60) Dibromochloromethane	10.908	129	43625	22.951	ug/l	97
61) 1,2-Dibromoethane	11.018	107	28832	22.033	ug/l	100
64) Tetrachloroethene	10.646	164	45422	23.780	ug/l	99
65) Chlorobenzene	11.444	112	113185	20.405	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	42295	21.566	ug/l	99
67) Ethyl Benzene	11.518	91	183765	18.874	ug/l	97
68) m/p-Xylenes	11.627	106	142650	38.592	ug/l	100
69) o-Xylene	11.957	106	68037	19.972	ug/l	98
70) Styrene	11.969	104	114652	20.287	ug/l	100
71) Bromoform	12.133	173	25662	23.408	ug/l #	99
73) Isopropylbenzene	12.255	105	180725	18.866	ug/l	99
74) N-amyl acetate	12.072	43	44312	21.299	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	35533	21.020	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	46044	37.573	ug/l #	100
77) Bromobenzene	12.530	156	45193	20.165	ug/l	98
78) n-propylbenzene	12.597	91	219861	18.898	ug/l	100
79) 2-Chlorotoluene	12.682	91	128758	19.355	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	151078	19.406	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	9710	18.013	ug/l	97
82) 4-Chlorotoluene	12.780	91	137519	19.963	ug/l	100
83) tert-Butylbenzene	12.999	119	134403	19.353	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	149400	19.329	ug/l	100
85) sec-Butylbenzene	13.176	105	201253	19.477	ug/l	100
86) p-Isopropyltoluene	13.292	119	161546	18.977	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	90479	20.282	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	89752	20.572	ug/l	99
89) n-Butylbenzene	13.621	91	149072	18.964	ug/l	99
90) Hexachloroethane	13.877	117	36753	20.238	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	81072	21.203	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5503	21.732	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	42391	20.298	ug/l	97
94) Hexachlorobutadiene	15.023	225	29579	22.595	ug/l	95
95) Naphthalene	15.145	128	72661	22.570	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	38192	21.744	ug/l	98

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ClientSampleId :
VY0326SBSD01

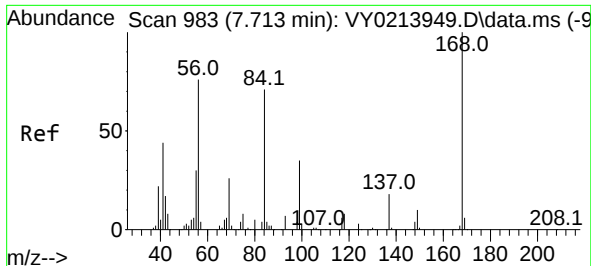
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QLast Update : Wed Mar 05 12:42:45 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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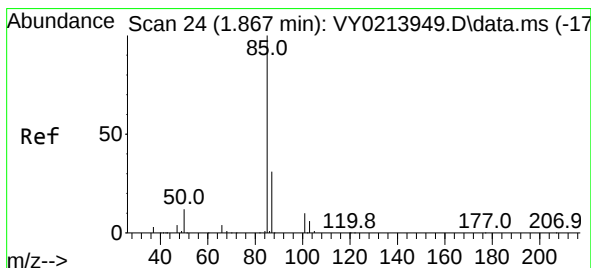
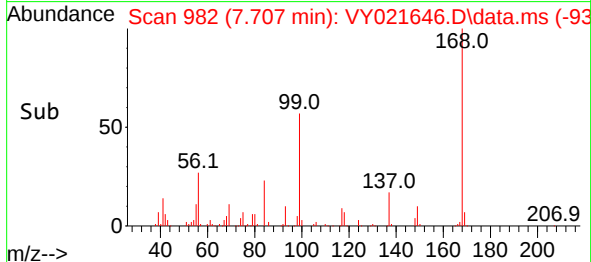
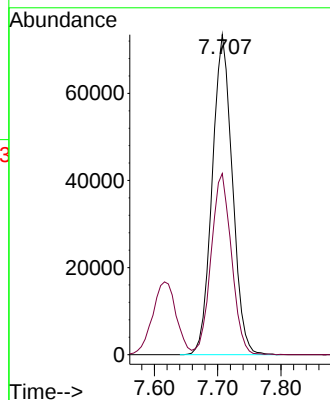
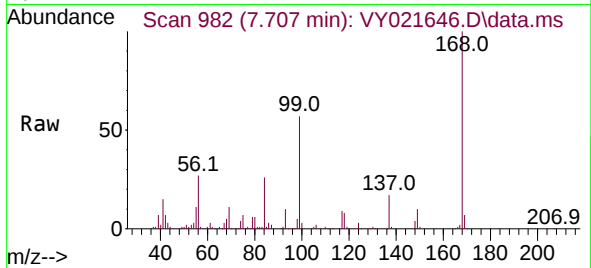




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

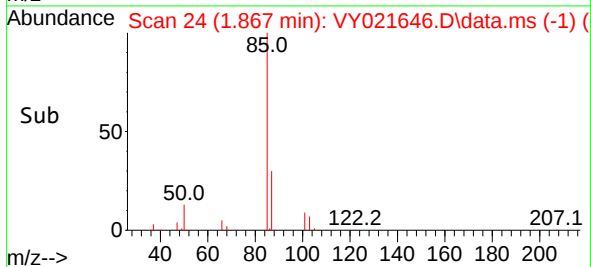
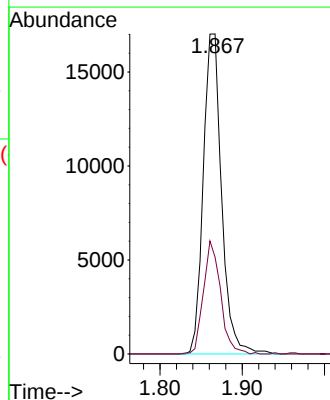
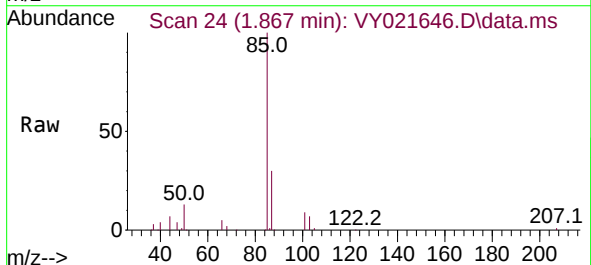
Instrument :
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ClientSampleId :
VY0326SBS01

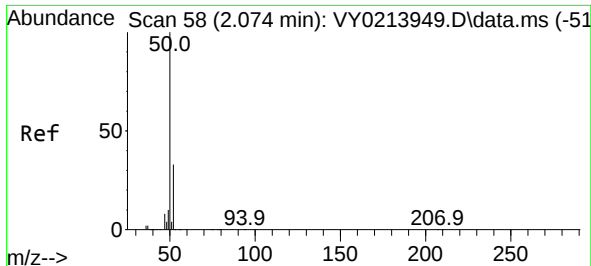
Tgt Ion:168 Resp: 162712
Ion Ratio Lower Upper
168 100
99 56.5 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 17.682 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 85 Resp: 26402
Ion Ratio Lower Upper
85 100
87 30.2 15.7 47.0

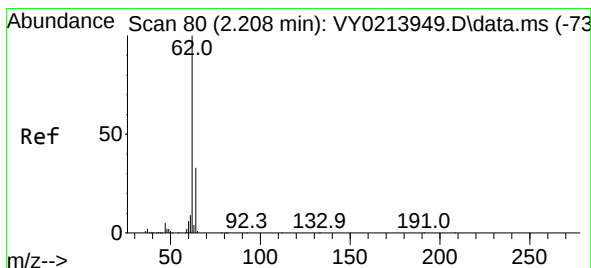
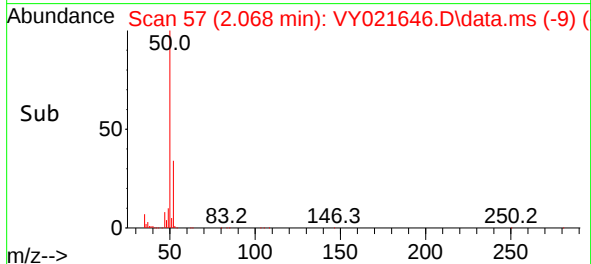
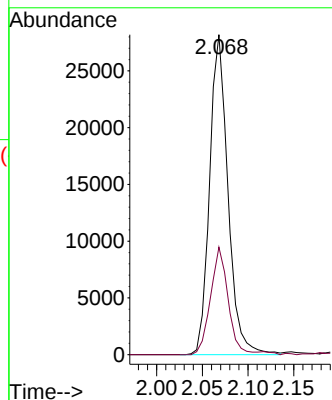
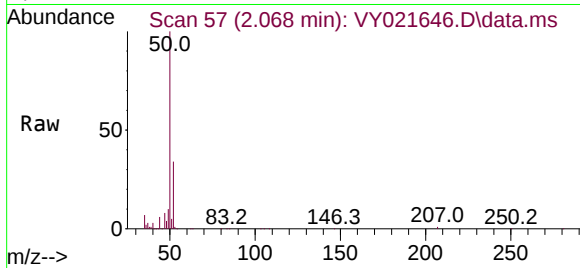




#3
Chloromethane
Concen: 18.708 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

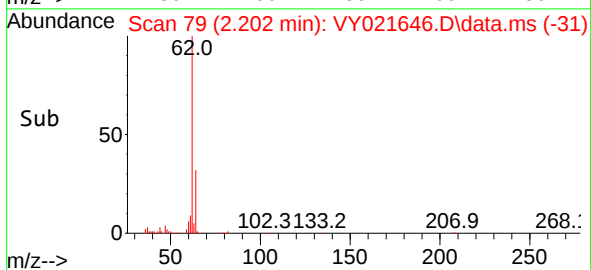
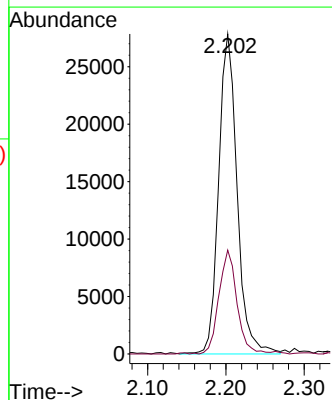
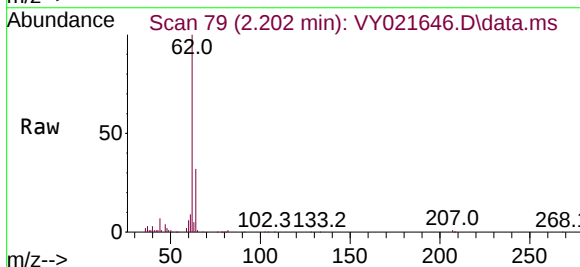
Instrument :
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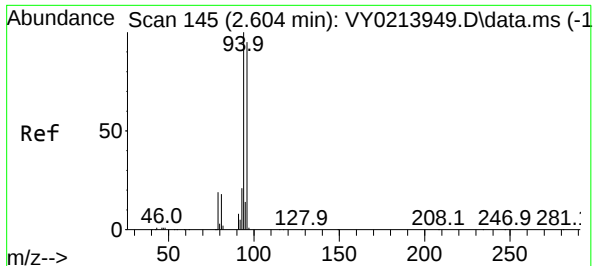
Tgt Ion: 50 Resp: 39383
Ion Ratio Lower Upper
50 100
52 33.6 26.2 39.2



#4
Vinyl Chloride
Concen: 19.868 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 62 Resp: 45706
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2

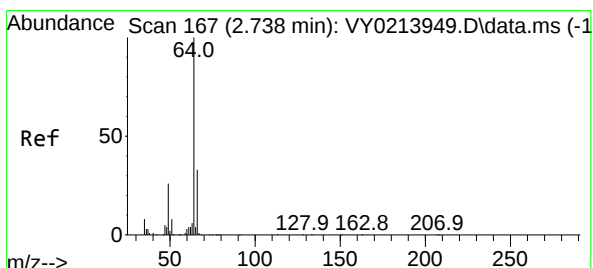
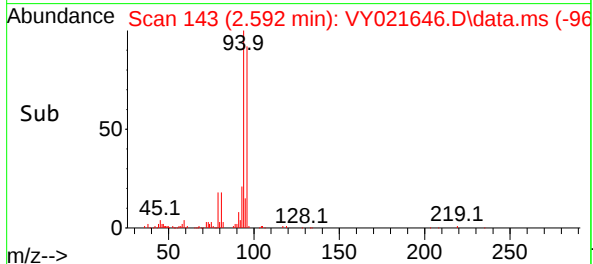
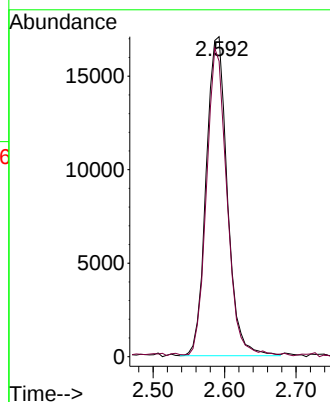
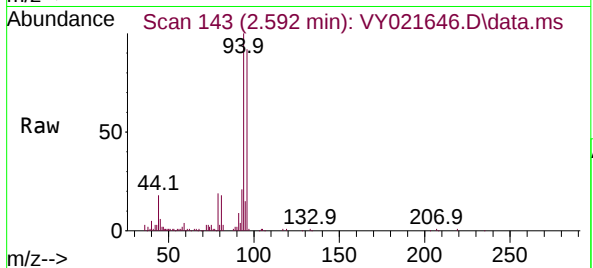




#5
Bromomethane
Concen: 21.120 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

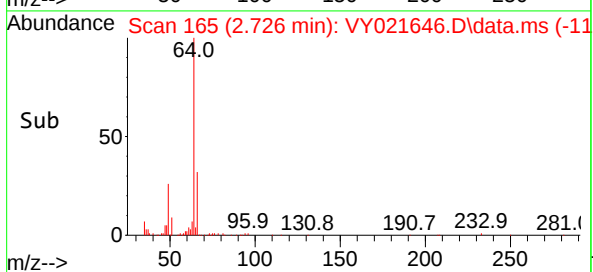
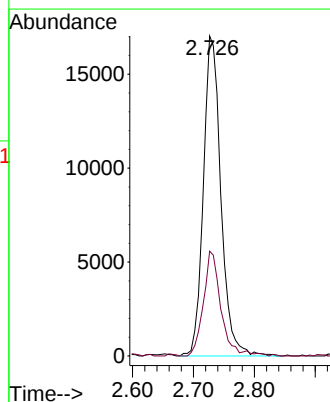
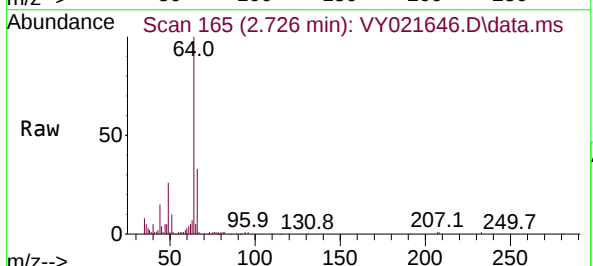
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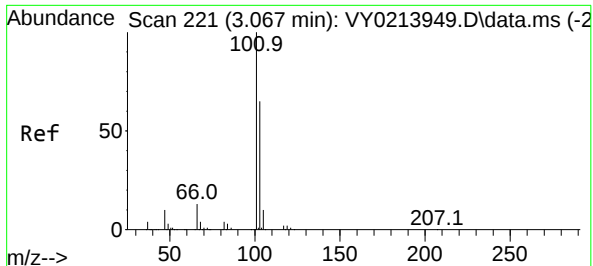
Tgt Ion: 94 Resp: 35116
Ion Ratio Lower Upper
94 100
96 92.0 76.3 114.5



#6
Chloroethane
Concen: 22.483 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 64 Resp: 34181
Ion Ratio Lower Upper
64 100
66 32.8 26.7 40.1

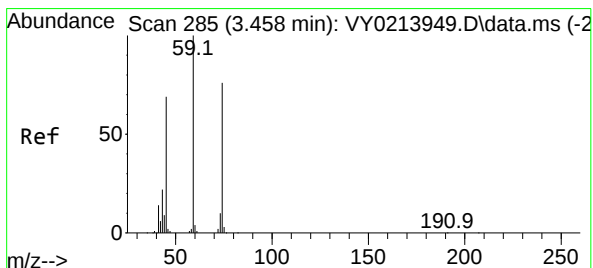
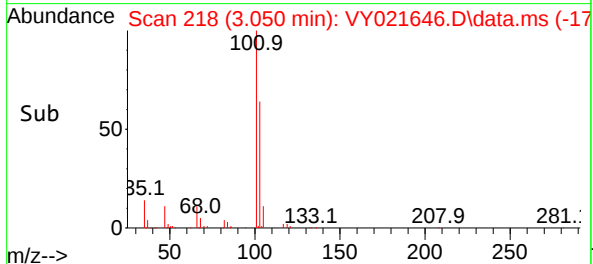
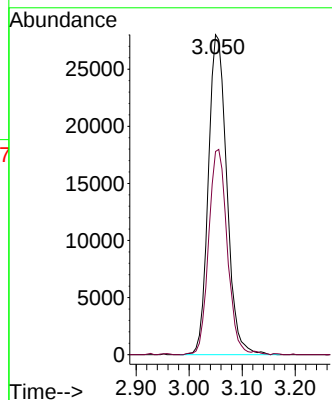
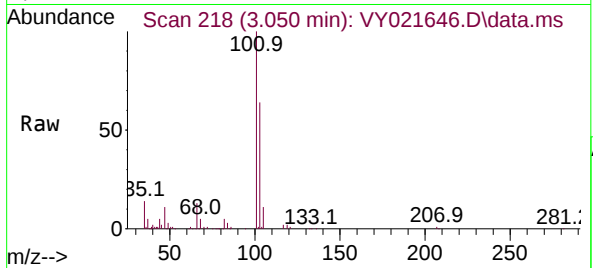




#7
 Trichlorofluoromethane
 Concen: 21.066 ug/l
 RT: 3.050 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

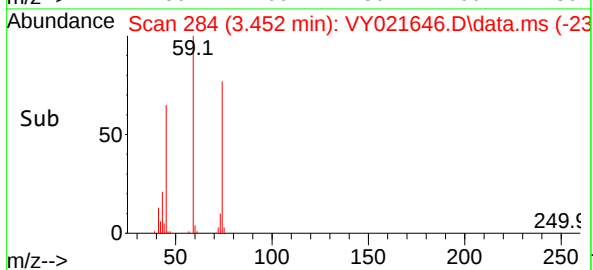
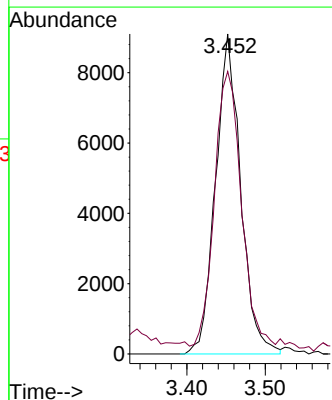
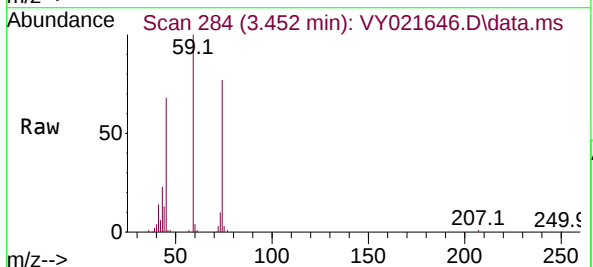
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBSD01

Tgt Ion:101 Resp: 67641
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.7 77.5



#8
 Diethyl Ether
 Concen: 22.799 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

Tgt Ion: 74 Resp: 20288
 Ion Ratio Lower Upper
 74 100
 45 91.0 49.7 149.1

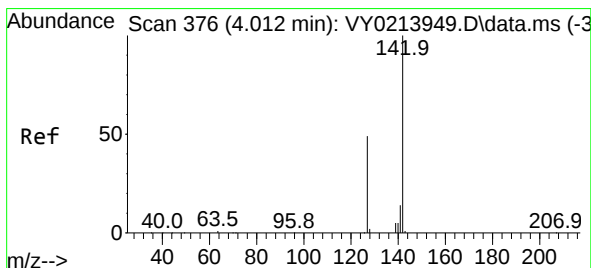
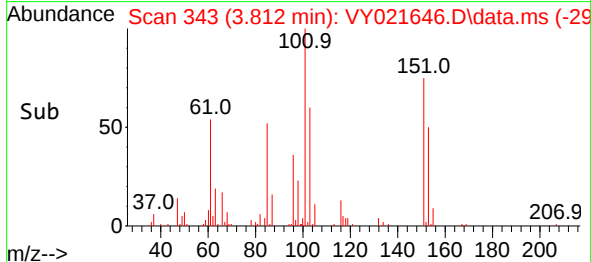
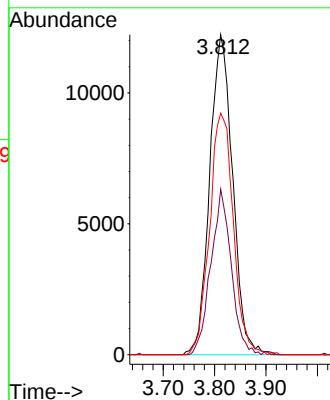
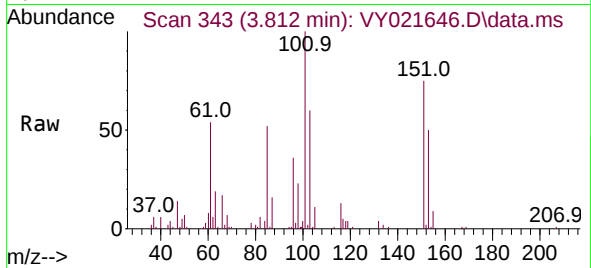




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.655 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021646.D
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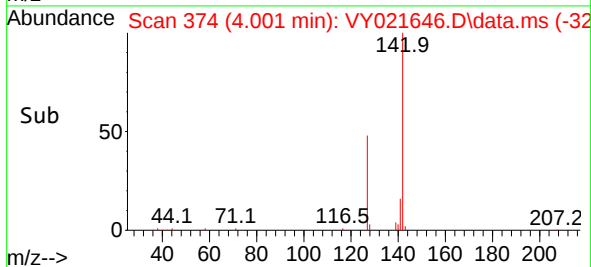
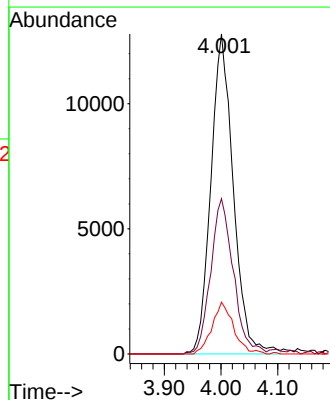
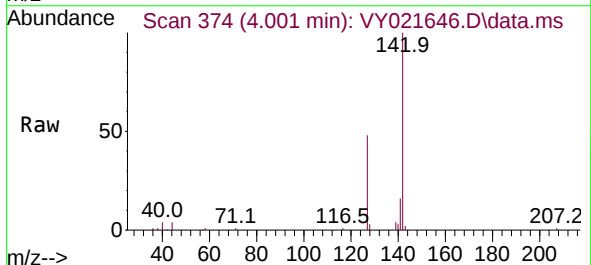
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBSD01

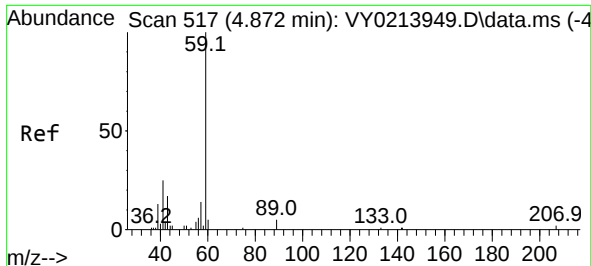
Tgt Ion:101 Resp: 37867
Ion Ratio Lower Upper
101 100
85 46.0 37.1 55.7
151 77.9 62.1 93.1



#10
Methyl Iodide
Concen: 18.854 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion:142 Resp: 35136
Ion Ratio Lower Upper
142 100
127 48.9 39.1 58.7
141 15.6 11.8 17.6

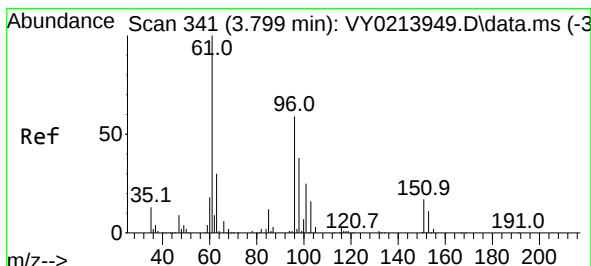
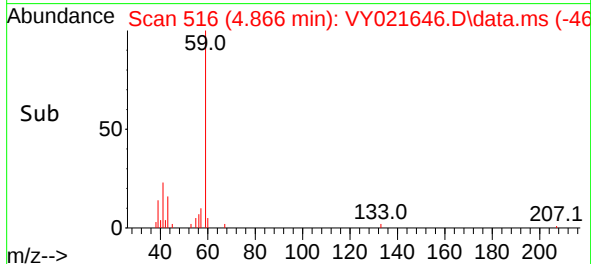
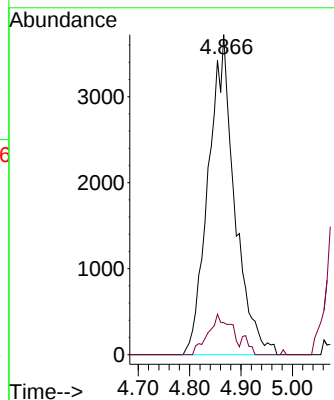
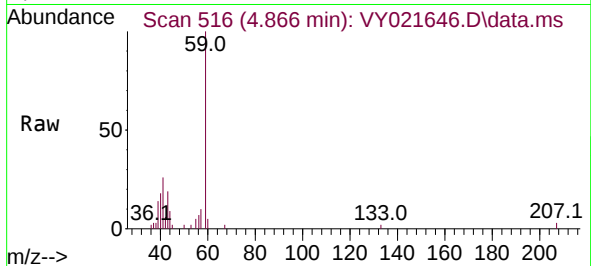




#11
Tert butyl alcohol
Concen: 105.757 ug/l
RT: 4.866 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

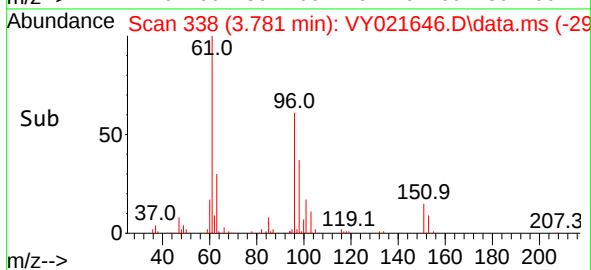
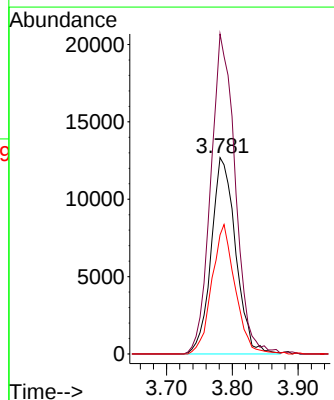
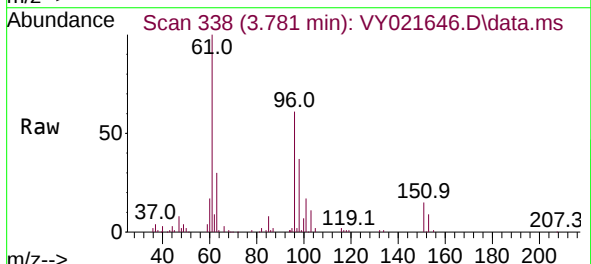
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

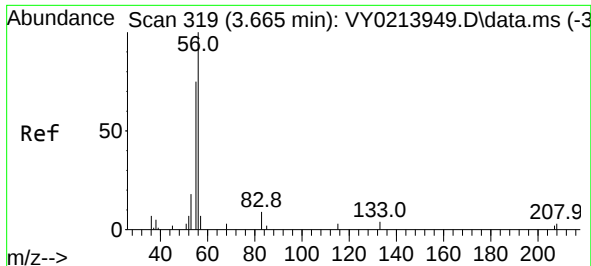
Tgt Ion: 59 Resp: 13279
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.673 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 96 Resp: 32881
Ion Ratio Lower Upper
96 100
61 163.1 135.2 202.8
98 60.7 51.4 77.2

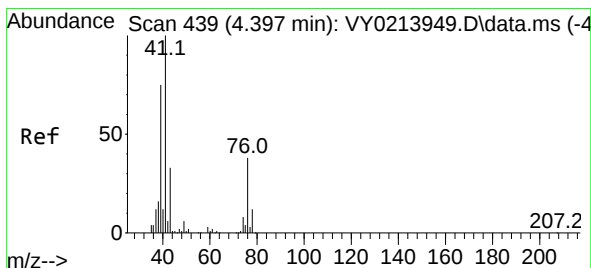
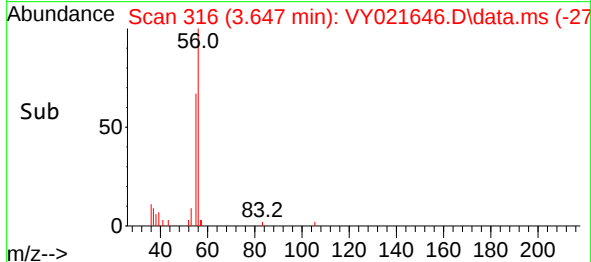
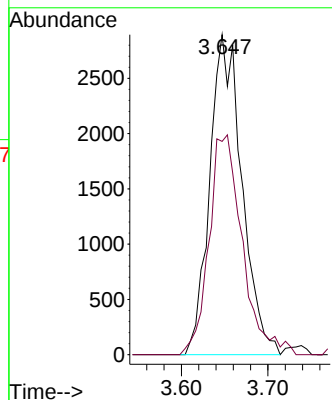
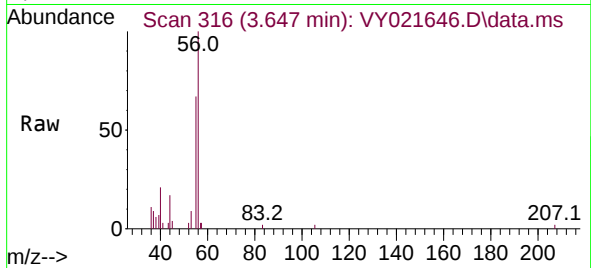




#13
Acrolein
Concen: 85.408 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

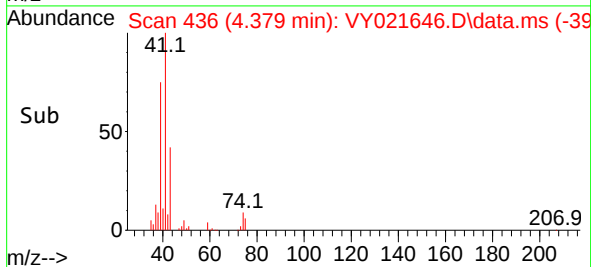
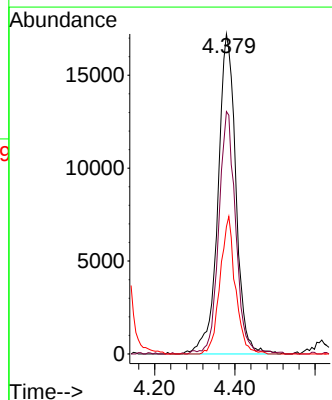
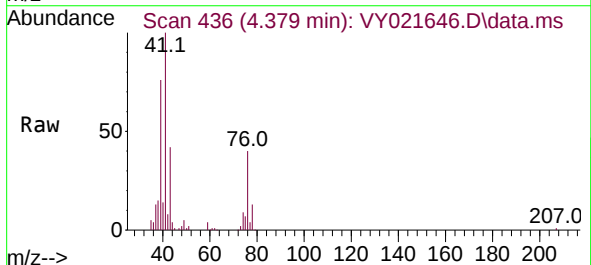
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

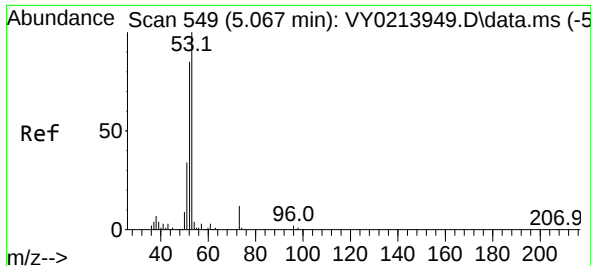
Tgt Ion: 56 Resp: 7471
Ion Ratio Lower Upper
56 100
55 71.1 63.4 95.2



#14
Allyl chloride
Concen: 19.757 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 41 Resp: 53366
Ion Ratio Lower Upper
41 100
39 69.5 59.3 88.9
76 37.0 29.8 44.8

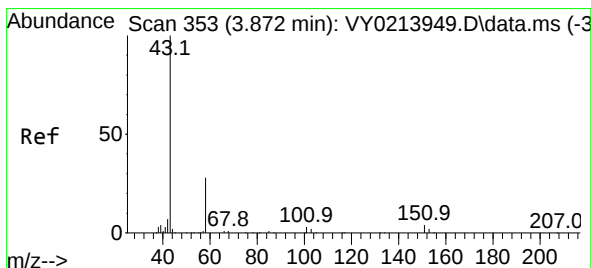
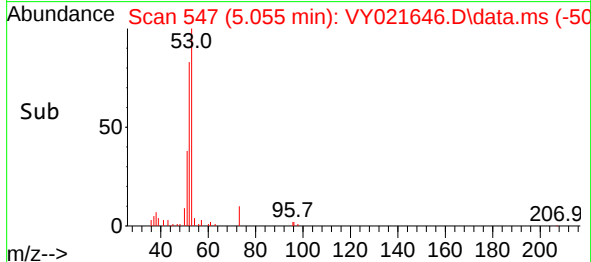
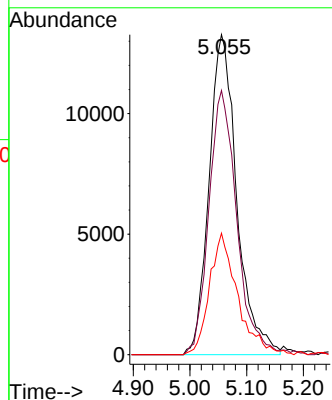
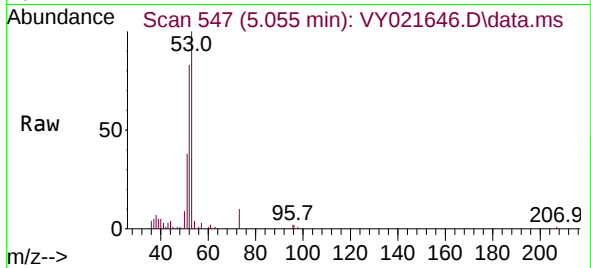




#15
Acrylonitrile
Concen: 119.099 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

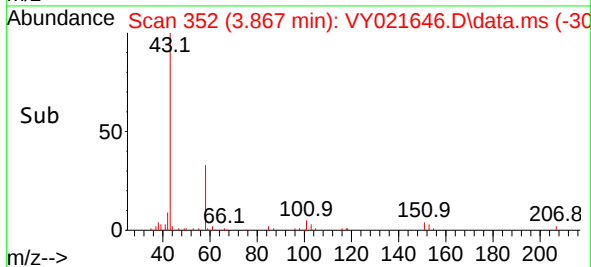
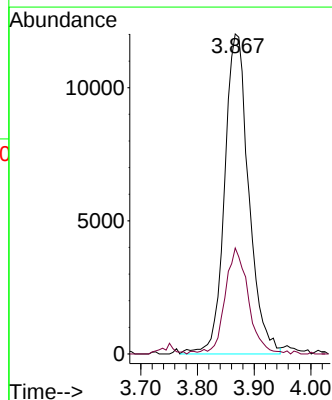
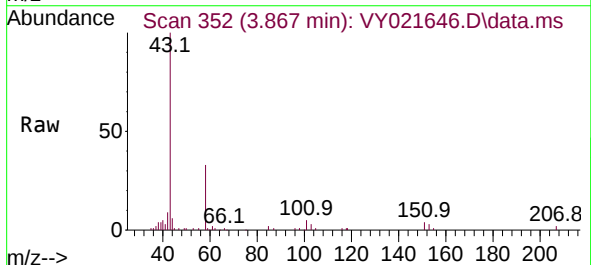
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

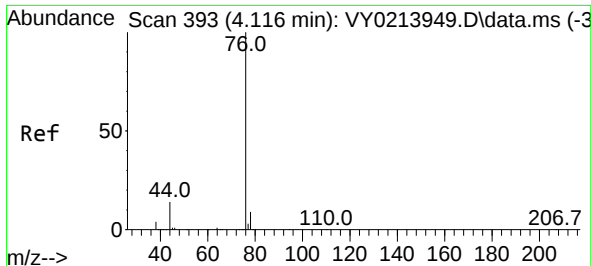
Tgt Ion: 53	Resp: 45115
Ion Ratio	Lower Upper
53	100
52	83.5 66.3 99.5
51	38.6 30.3 45.5



#16
Acetone
Concen: 94.773 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.005 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 43	Resp: 35549
Ion Ratio	Lower Upper
43	100
58	32.6 22.1 33.1

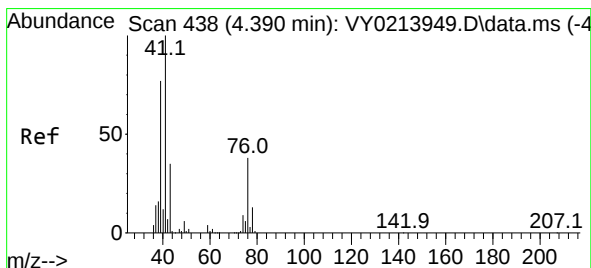
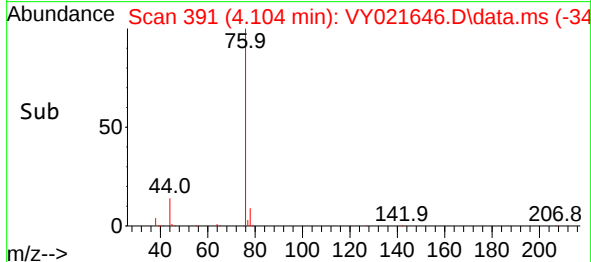
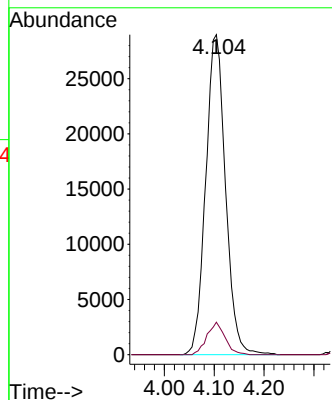
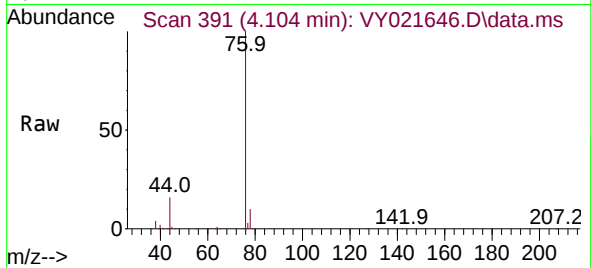




#17
Carbon Disulfide
Concen: 15.251 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

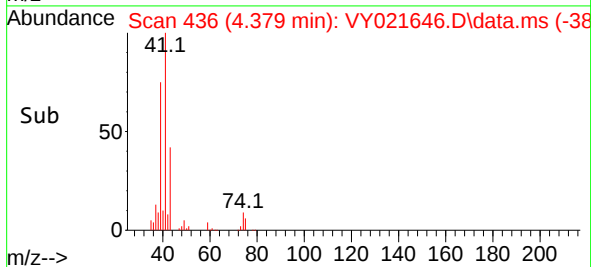
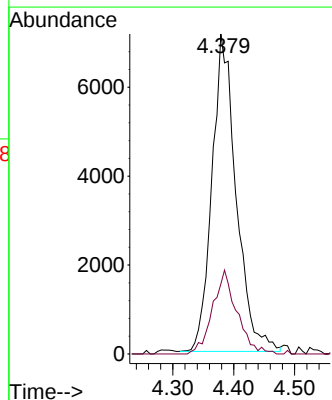
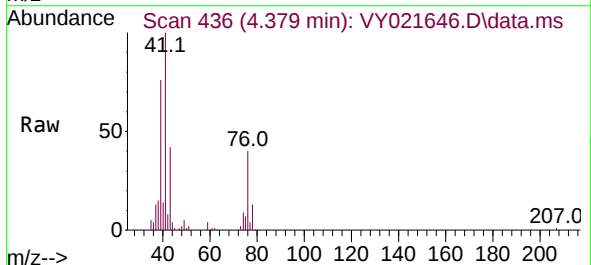
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBSD01

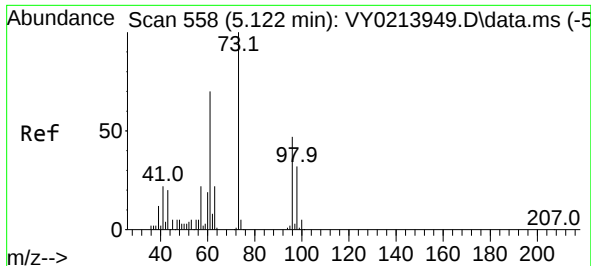
Tgt Ion: 76 Resp: 79885
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0



#18
Methyl Acetate
Concen: 23.728 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 43 Resp: 19748
Ion Ratio Lower Upper
43 100
74 26.4 19.4 29.0

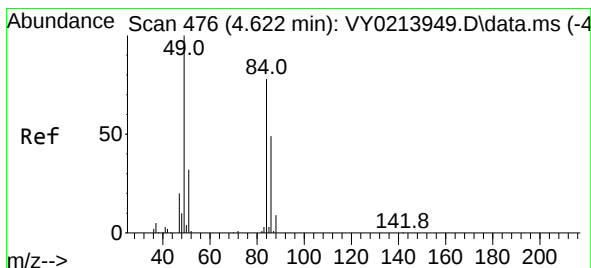
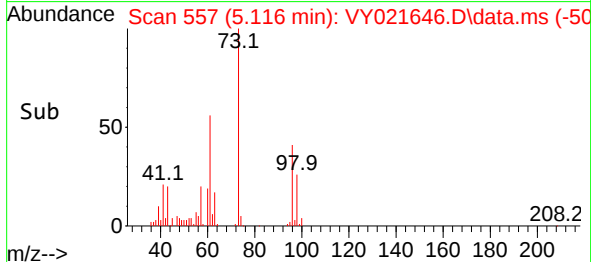
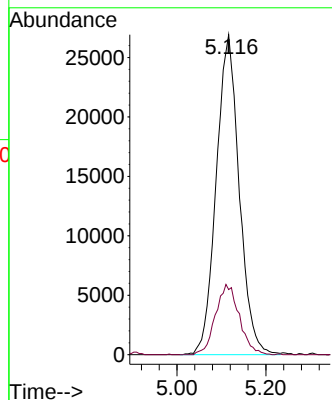
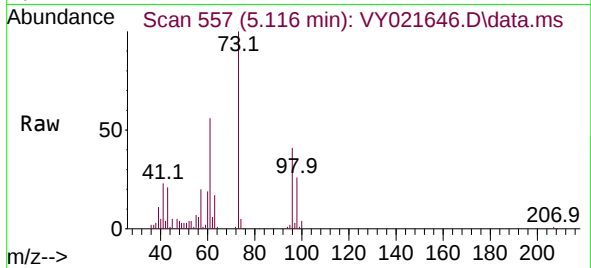




#19
Methyl tert-butyl Ether
Concen: 22.781 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

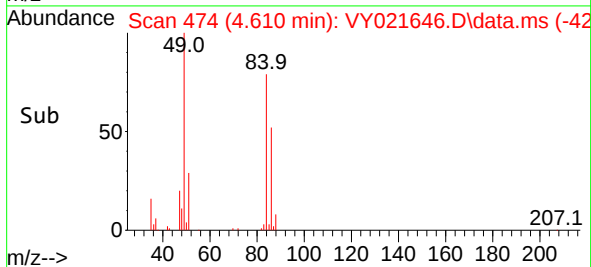
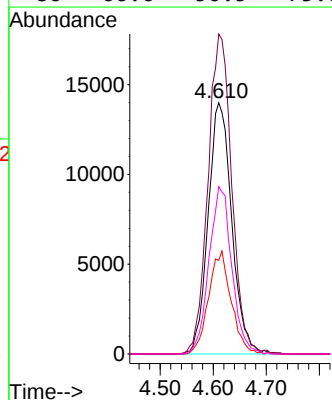
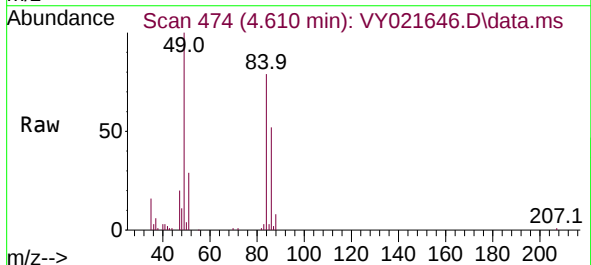
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

Tgt Ion: 73 Resp: 96508
Ion Ratio Lower Upper
73 100
57 20.4 17.9 26.9



#20
Methylene Chloride
Concen: 21.991 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 84 Resp: 43299
Ion Ratio Lower Upper
84 100
49 127.4 102.0 153.0
51 37.2 33.0 49.6
86 66.6 50.5 75.7

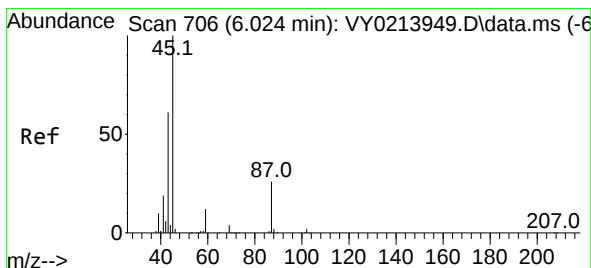
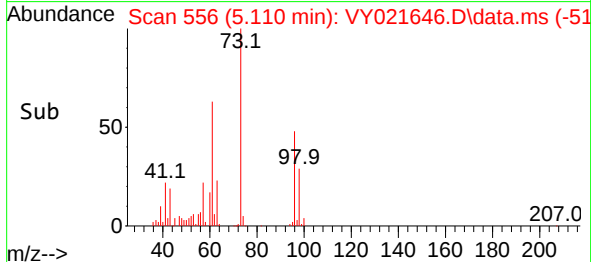
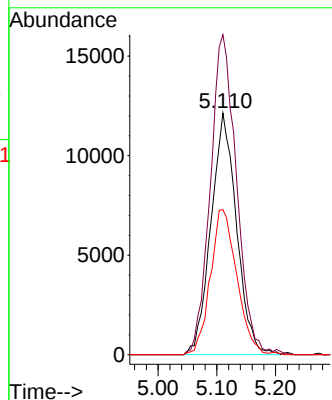
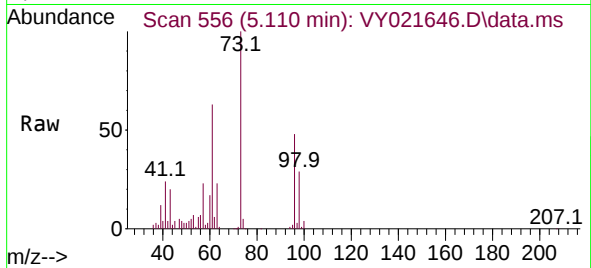




#21
trans-1,2-Dichloroethene
Concen: 19.597 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

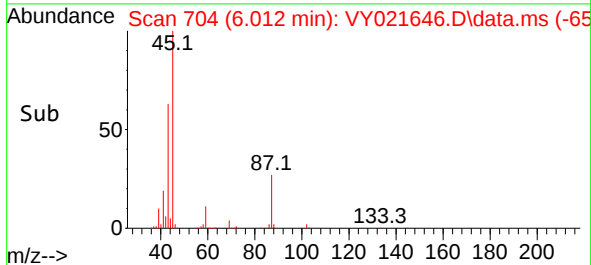
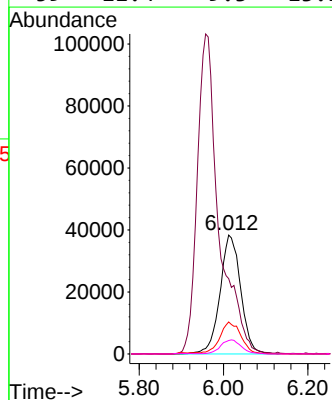
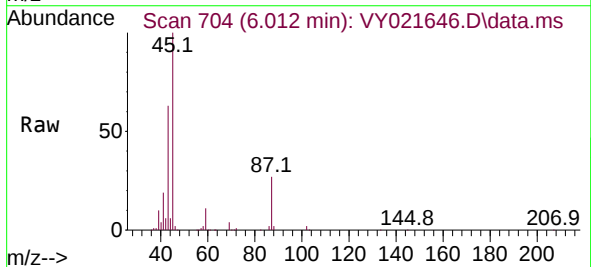
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

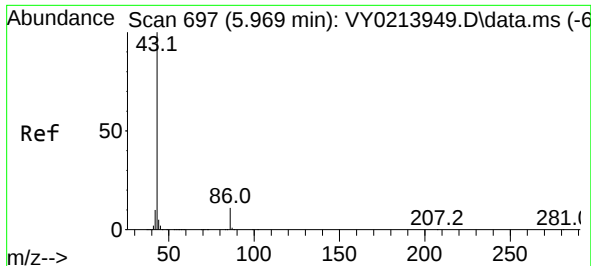
Tgt Ion: 96 Resp: 36682
Ion Ratio Lower Upper
96 100
61 132.4 111.5 167.3
98 60.0 53.8 80.8



#22
Diisopropyl ether
Concen: 22.390 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 45 Resp: 130335
Ion Ratio Lower Upper
45 100
43 62.7 48.7 73.1
87 26.8 21.5 32.3
59 11.4 9.3 13.9

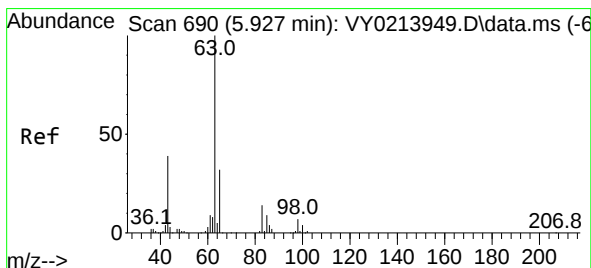
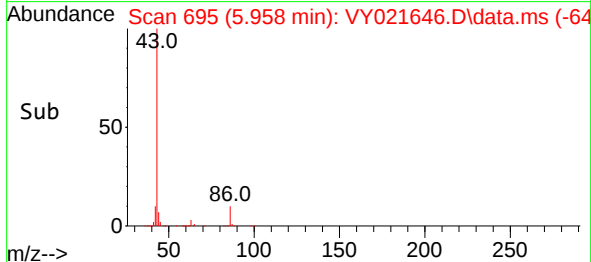
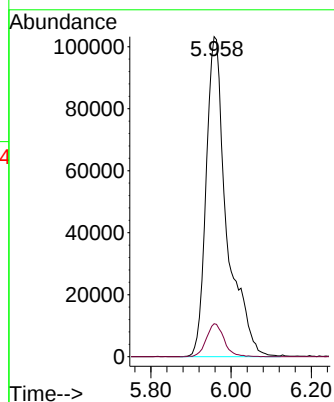
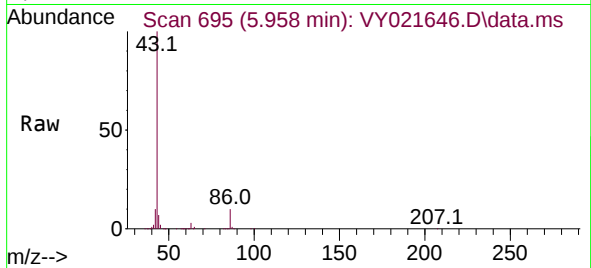




#23
 Vinyl Acetate
 Concen: 111.045 ug/l
 RT: 5.958 min Scan# 697
 Delta R.T. -0.012 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

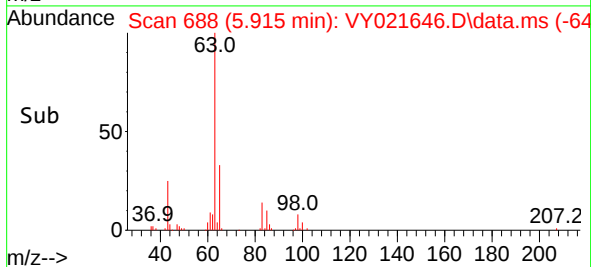
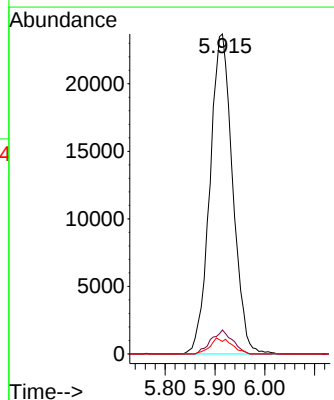
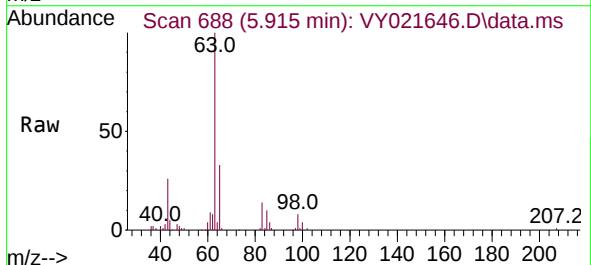
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBS01

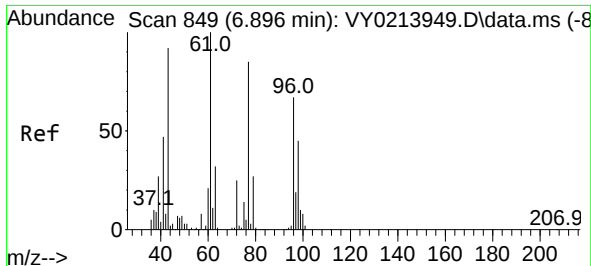
Tgt Ion: 43 Resp: 368904
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 21.846 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

Tgt Ion: 63 Resp: 75054
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 109.451 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

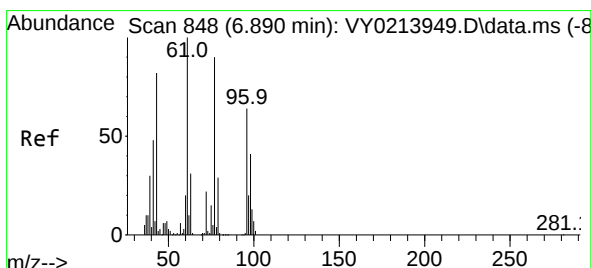
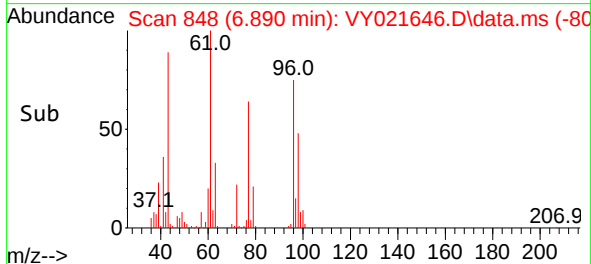
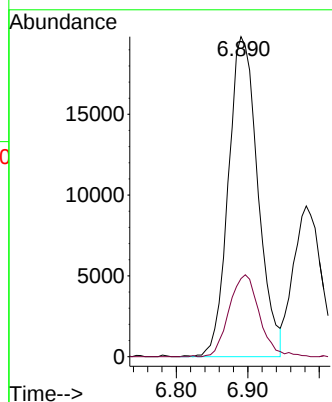
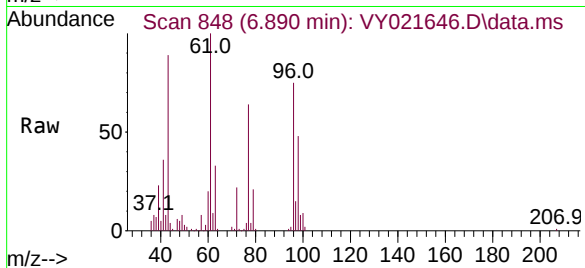
VY0326SBSD01

Tgt Ion: 43 Resp: 56791

Ion Ratio Lower Upper

43 100

72 24.4 21.4 32.0



#26

2,2-Dichloropropane

Concen: 14.843 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021646.D

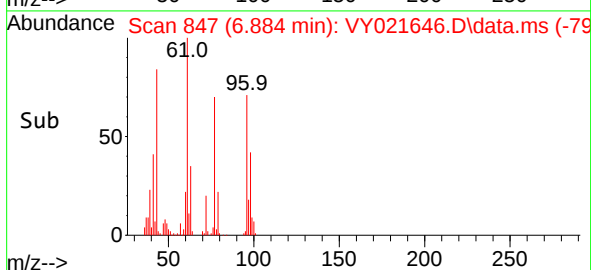
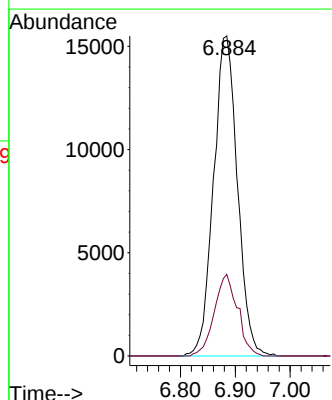
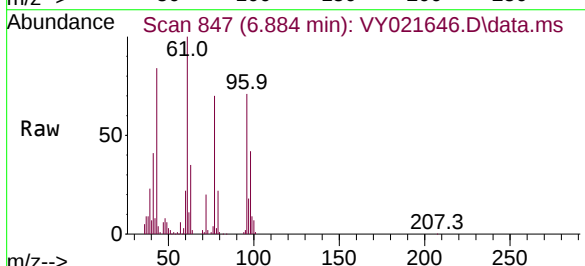
Acq: 26 Mar 2025 14:58

Tgt Ion: 77 Resp: 46920

Ion Ratio Lower Upper

77 100

97 24.9 11.3 33.8

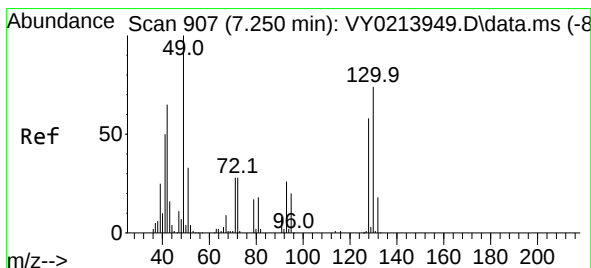
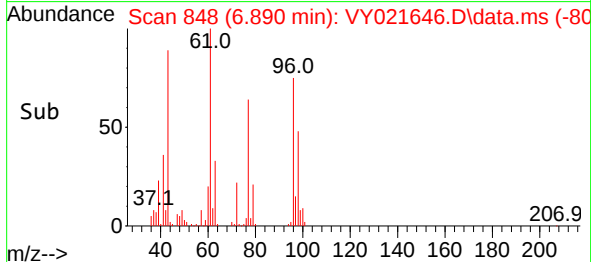
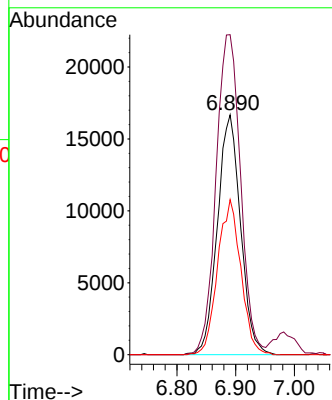
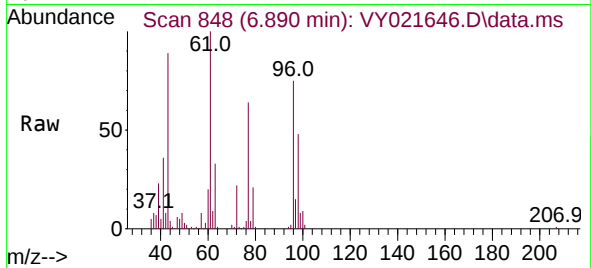




#27
 cis-1,2-Dichloroethene
 Concen: 21.502 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

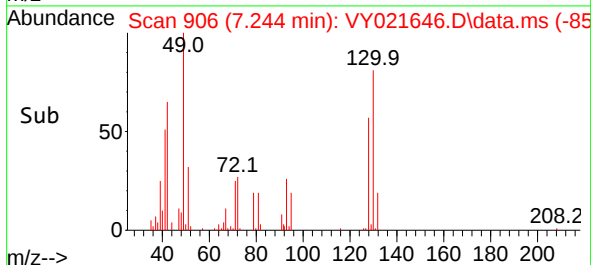
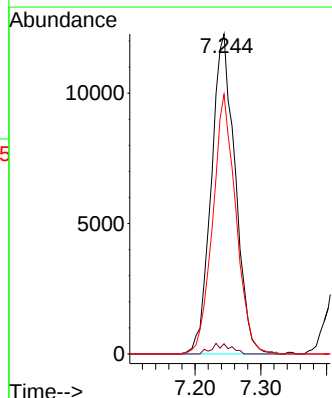
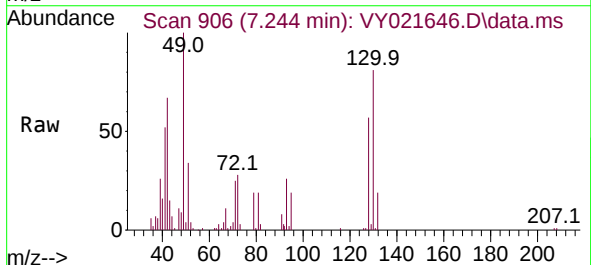
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBS01

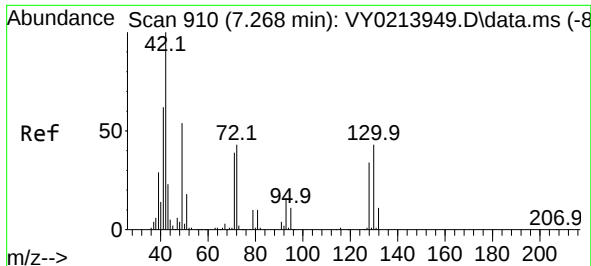
Tgt Ion: 96 Resp: 45724
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 300.8
 98 64.7 0.0 130.0



#28
 Bromochloromethane
 Concen: 21.526 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

Tgt Ion: 49 Resp: 31005
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.2
 130 78.8 59.6 89.4





#29

Tetrahydrofuran

Concen: 114.746 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

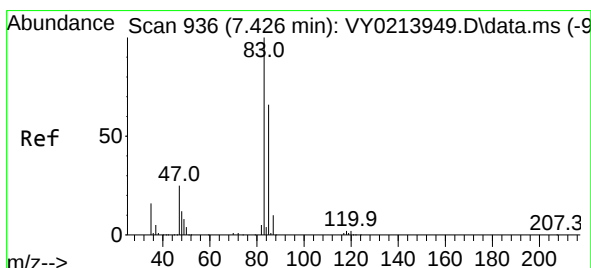
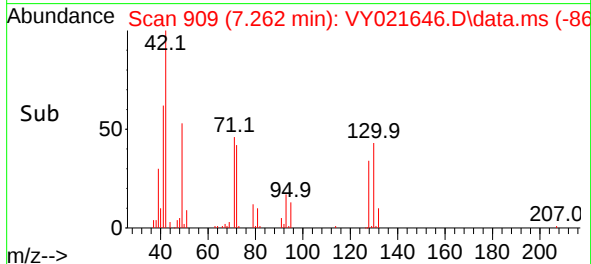
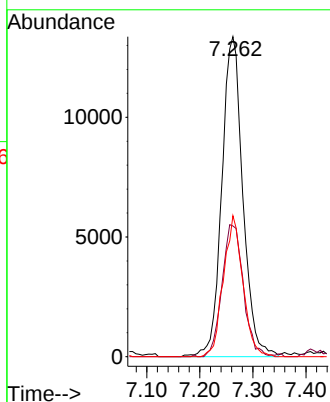
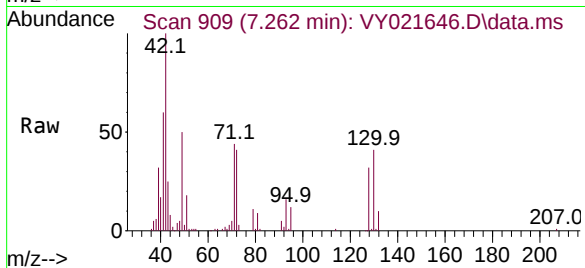
Tgt Ion: 42 Resp: 36756

Ion Ratio Lower Upper

42 100

72 41.7 34.8 52.2

71 40.8 32.6 48.8



#30

Chloroform

Concen: 22.924 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY021646.D

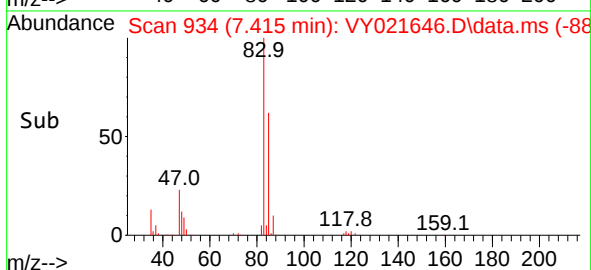
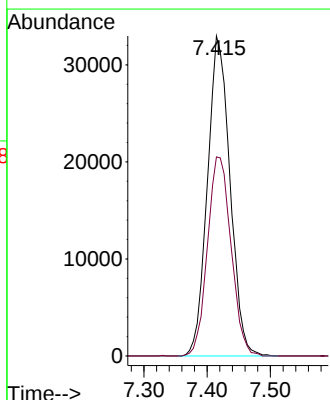
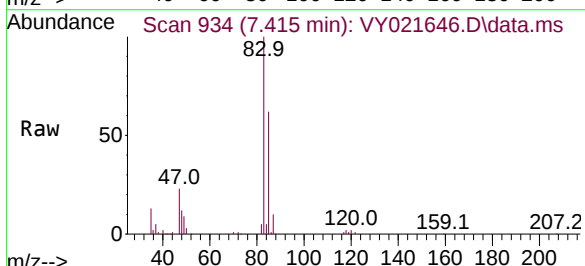
Acq: 26 Mar 2025 14:58

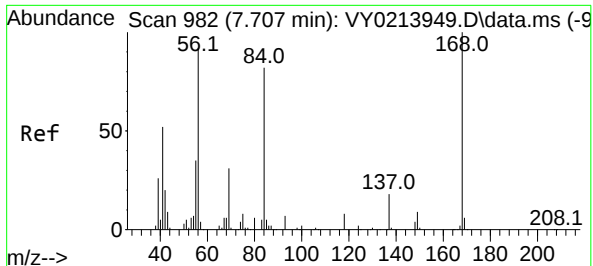
Tgt Ion: 83 Resp: 81780

Ion Ratio Lower Upper

83 100

85 62.2 53.1 79.7





#31

Cyclohexane

Concen: 17.344 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

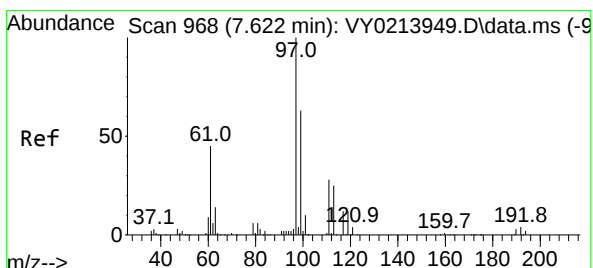
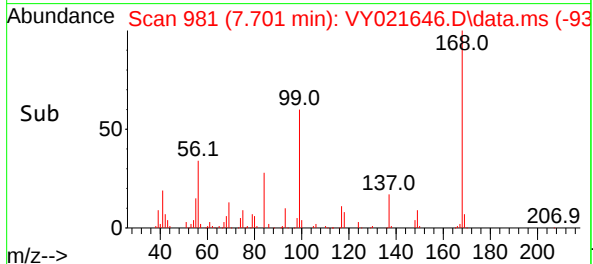
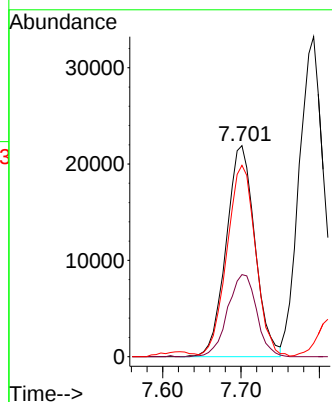
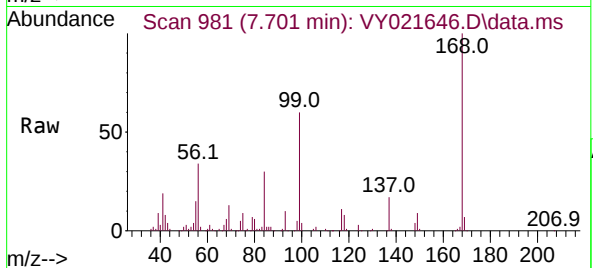
Tgt Ion: 56 Resp: 55864

Ion Ratio Lower Upper

56 100

69 38.9 27.0 40.4

84 89.2 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 21.243 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

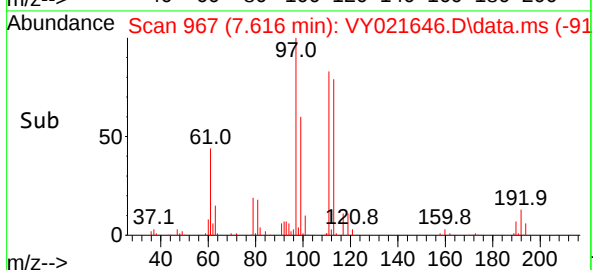
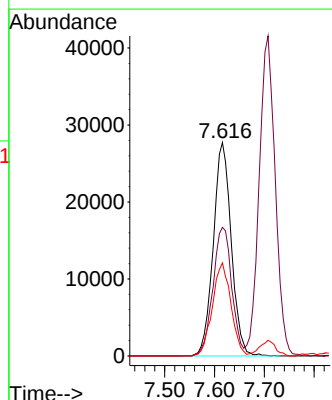
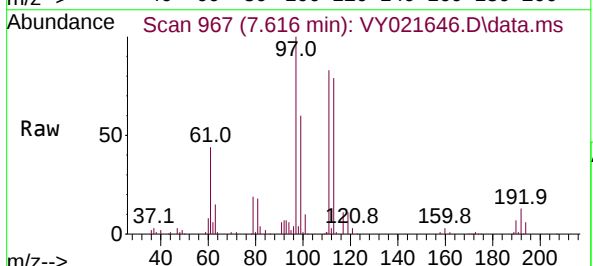
Tgt Ion: 97 Resp: 69389

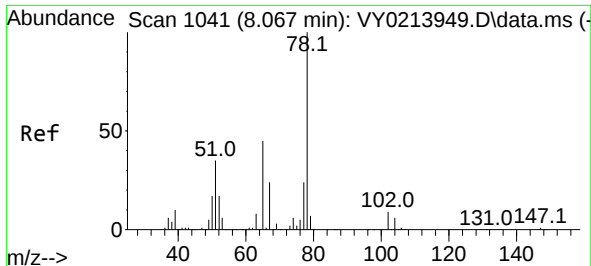
Ion Ratio Lower Upper

97 100

99 63.0 51.7 77.5

61 44.9 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 56.622 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

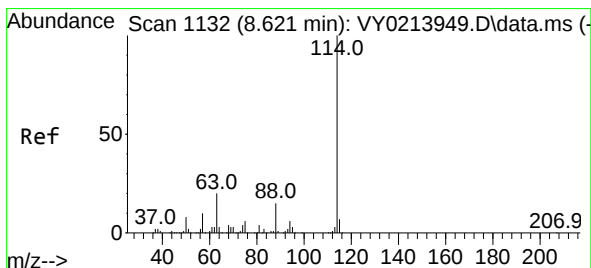
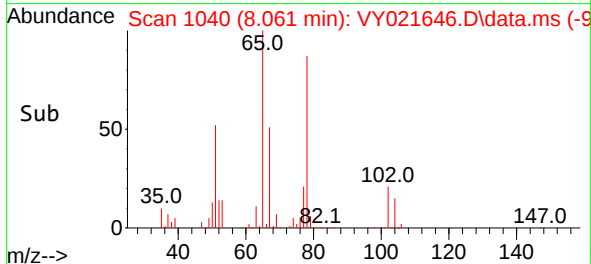
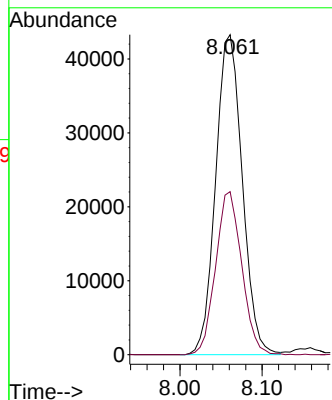
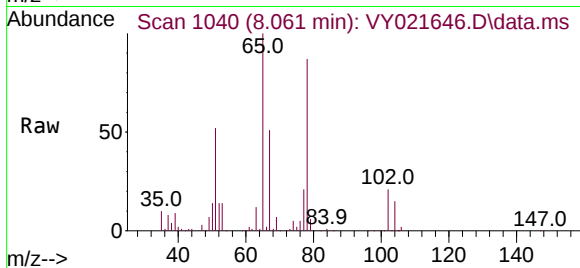
VY0326SBS01

Tgt Ion: 65 Resp: 97377

Ion Ratio Lower Upper

65 100

67 50.0 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: VY021646.D

Acq: 26 Mar 2025 14:58

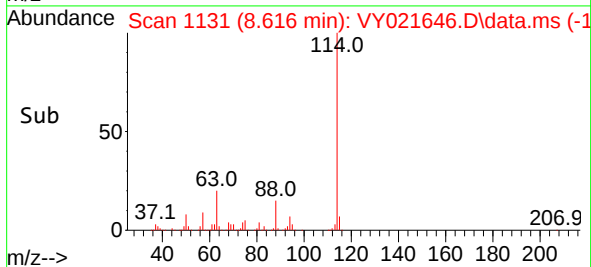
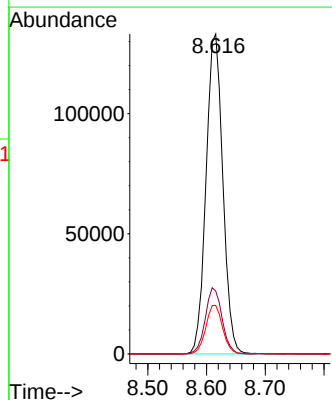
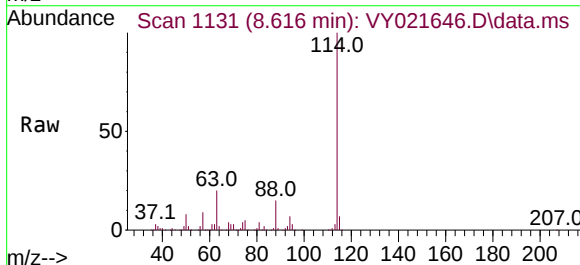
Tgt Ion: 114 Resp: 264080

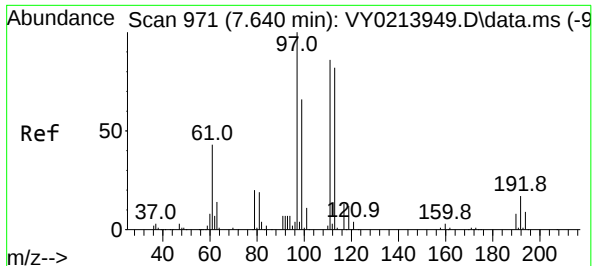
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 15.2 0.0 30.8

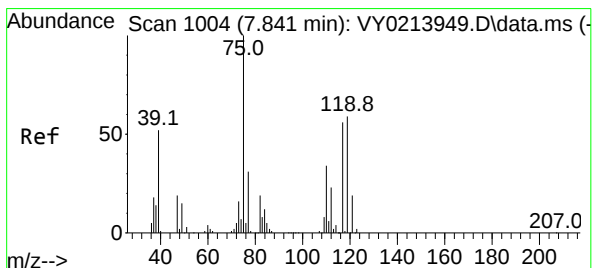
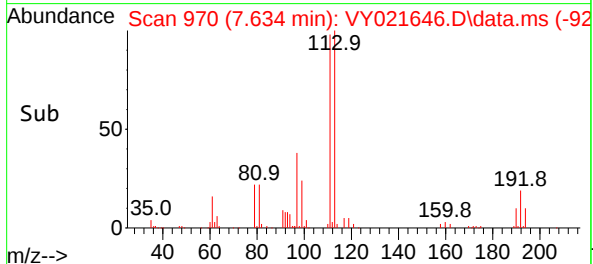
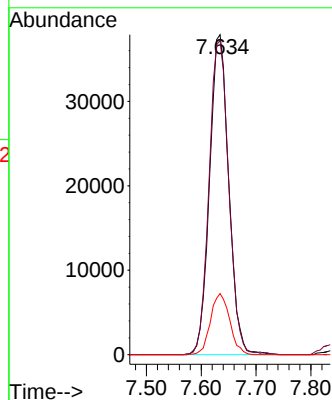
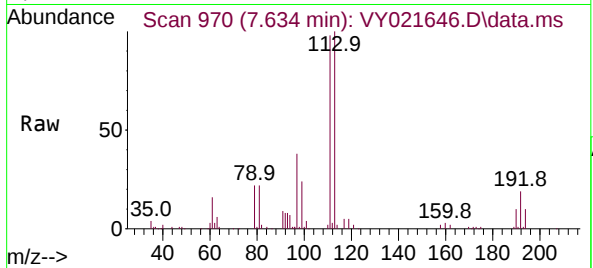




#35
Dibromofluoromethane
Concen: 52.875 ug/l
RT: 7.634 min Scan# 917
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

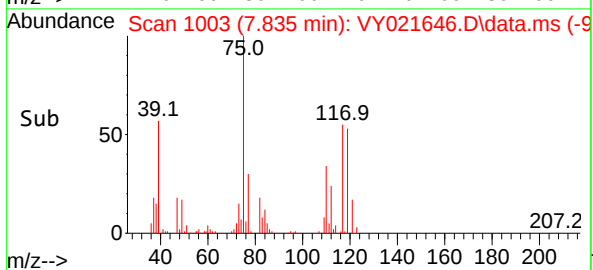
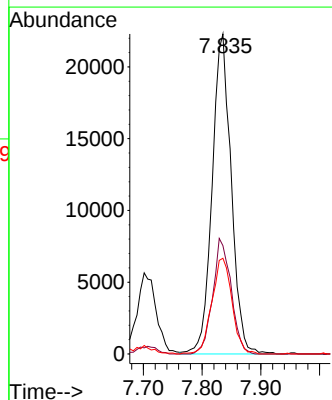
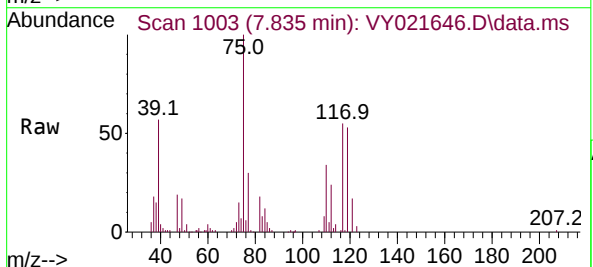
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

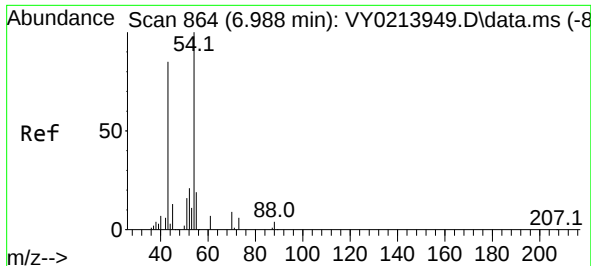
Tgt Ion:113 Resp: 91783
Ion Ratio Lower Upper
113 100
111 100.8 82.0 123.0
192 19.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.484 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 75 Resp: 50223
Ion Ratio Lower Upper
75 100
110 34.7 17.3 51.7
77 31.6 25.4 38.2





#37

Ethyl Acetate

Concen: 21.437 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

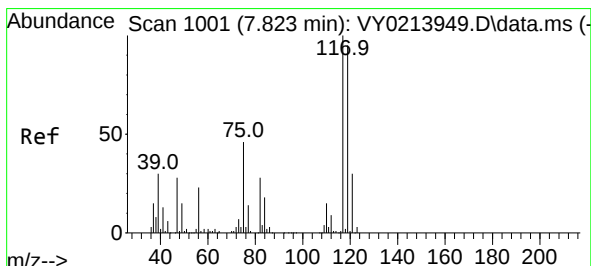
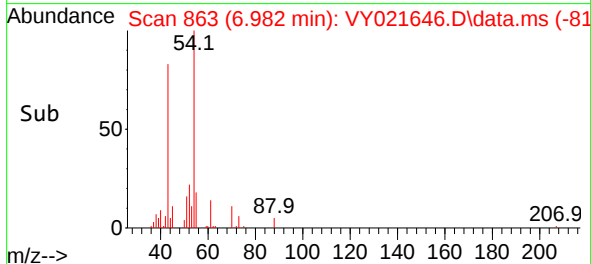
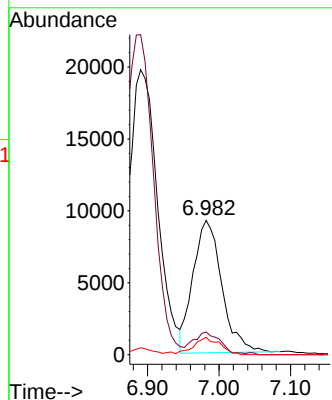
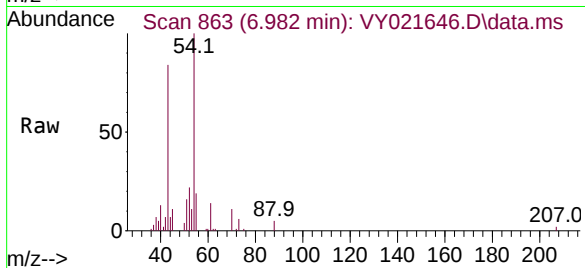
Tgt Ion: 43 Resp: 25744

Ion Ratio Lower Upper

43 100

61 14.6 11.4 17.0

70 12.1 8.2 12.2



#38

Carbon Tetrachloride

Concen: 19.573 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

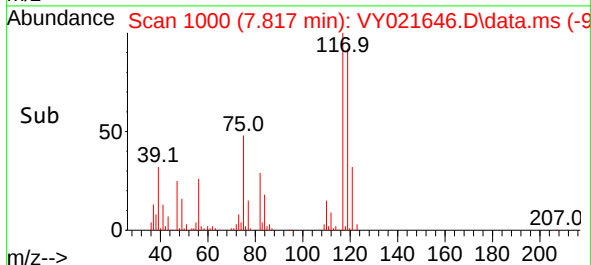
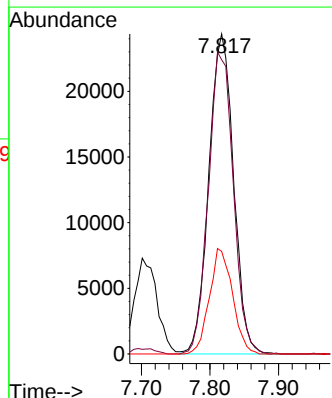
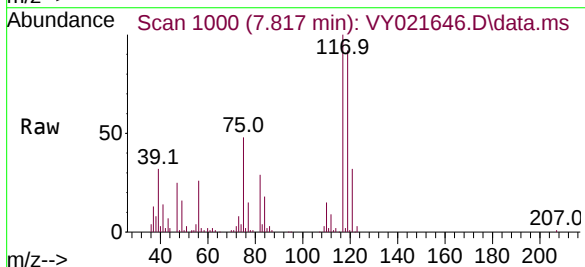
Tgt Ion: 117 Resp: 61163

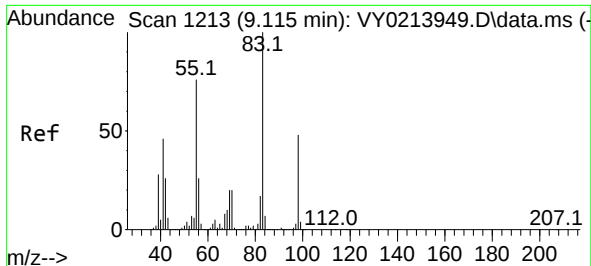
Ion Ratio Lower Upper

117 100

119 92.0 75.8 113.8

121 32.1 23.9 35.9

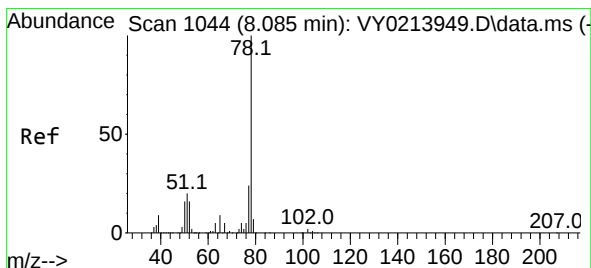
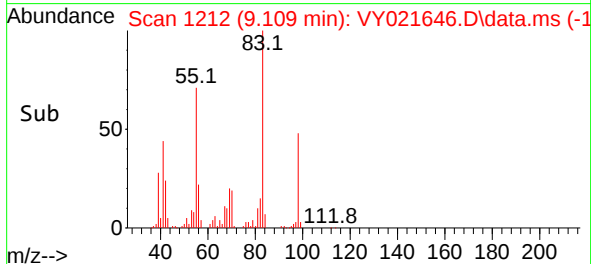
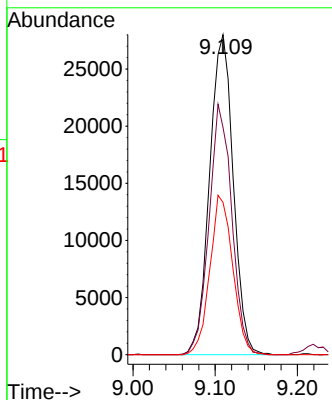
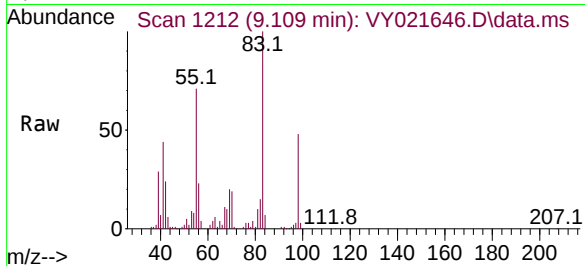




#39
Methylcyclohexane
Concen: 16.808 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

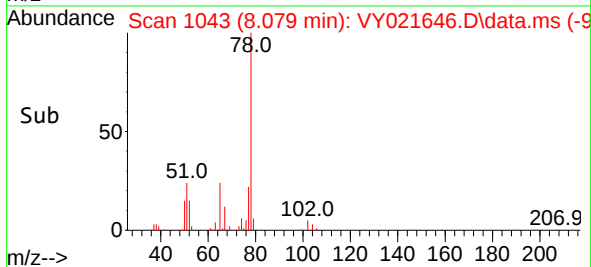
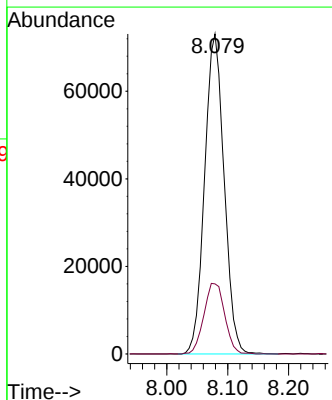
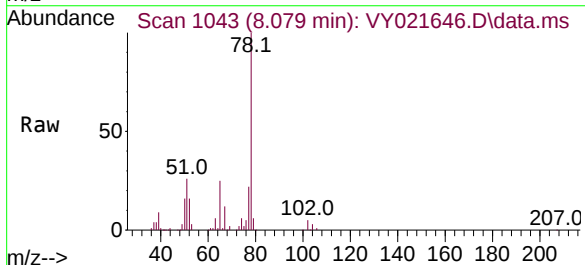
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

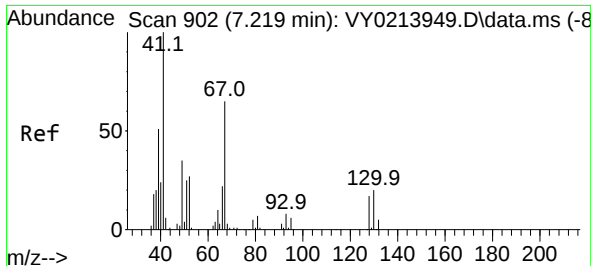
Tgt Ion: 83 Resp: 56018
Ion Ratio Lower Upper
83 100
55 71.1 60.7 91.1
98 47.6 38.6 57.8



#40
Benzene
Concen: 20.297 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 78 Resp: 162461
Ion Ratio Lower Upper
78 100
77 21.9 19.0 28.4



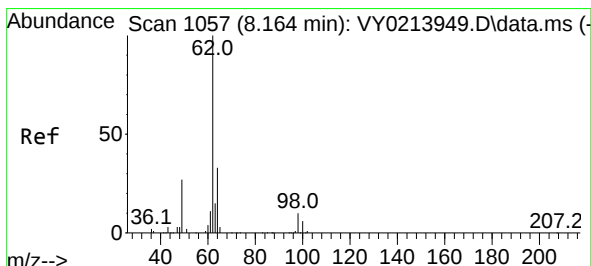
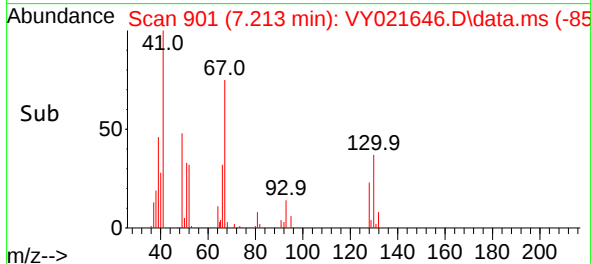
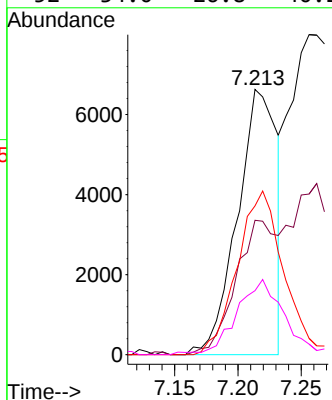
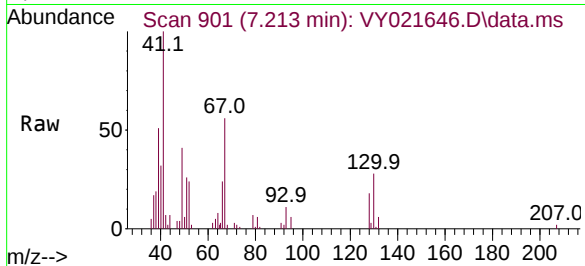


#41
Methacrylonitrile
Concen: 22.006 ug/l
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBSD01

Tgt Ion: 41 Resp: 14390

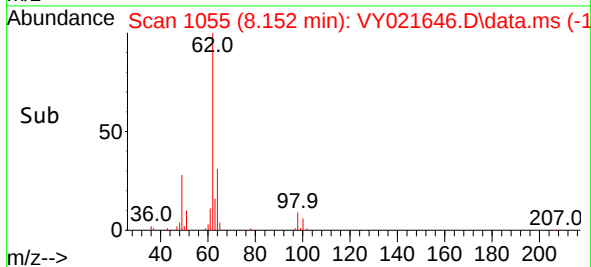
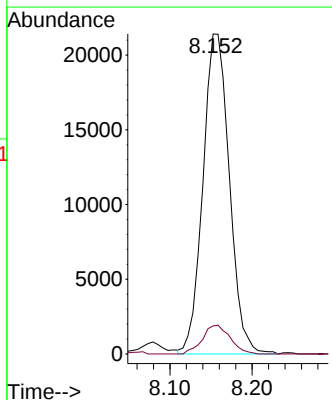
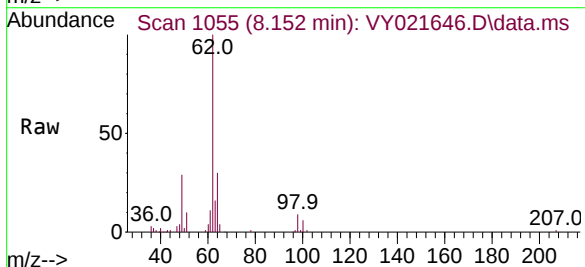
Ion	Ratio	Lower	Upper
41	100		
39	53.2	35.0	52.6#
67	73.4	61.2	91.8
52	34.0	26.8	40.2

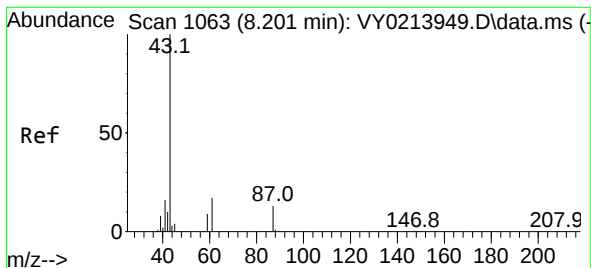


#42
1,2-Dichloroethane
Concen: 21.386 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 62 Resp: 47888

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2





#43

Isopropyl Acetate

Concen: 22.514 ug/l

RT: 8.195 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

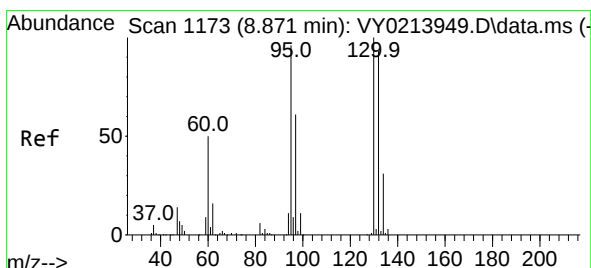
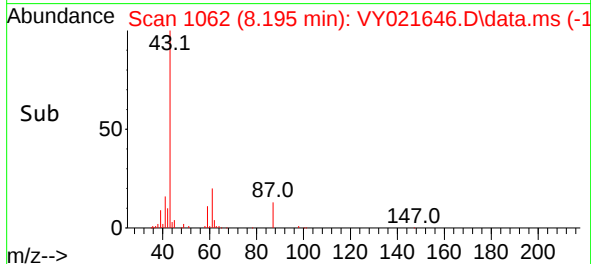
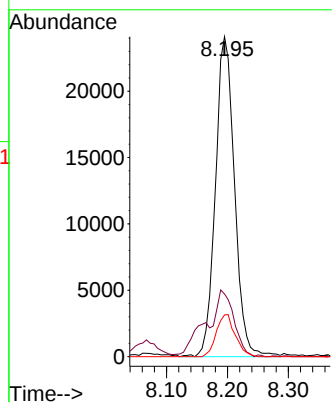
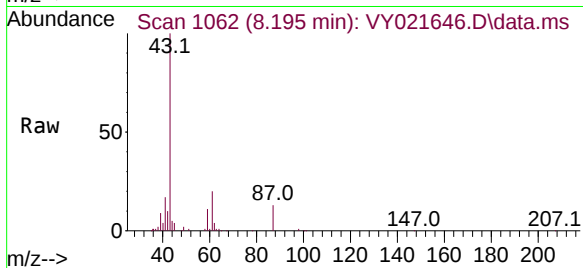
Tgt Ion: 43 Resp: 52487

Ion Ratio Lower Upper

43 100

61 20.0 23.4 35.0#

87 13.0 10.5 15.7



#44

Trichloroethene

Concen: 20.325 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VY021646.D

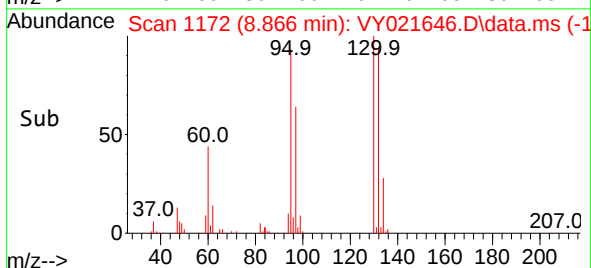
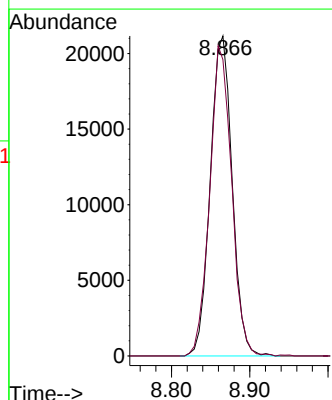
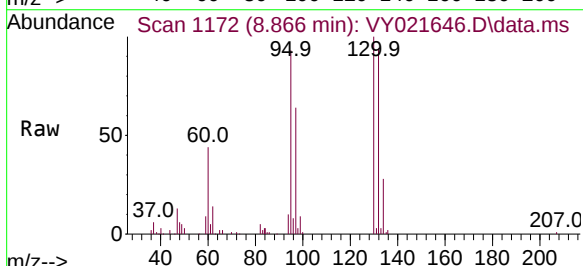
Acq: 26 Mar 2025 14:58

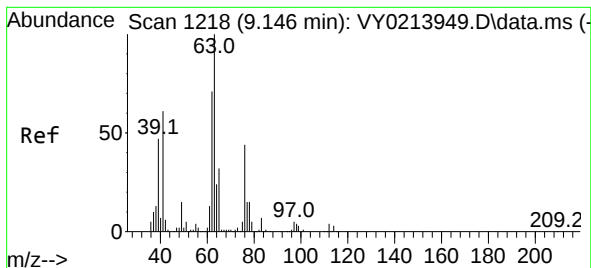
Tgt Ion:130 Resp: 41109

Ion Ratio Lower Upper

130 100

95 92.6 0.0 191.6





#45

1,2-Dichloropropane

Concen: 21.469 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

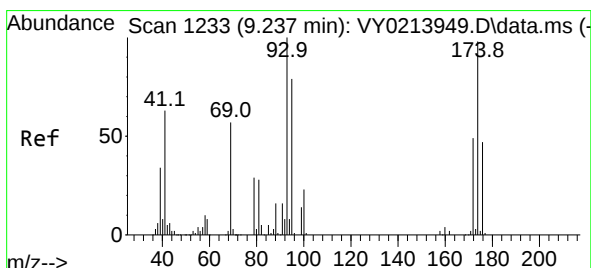
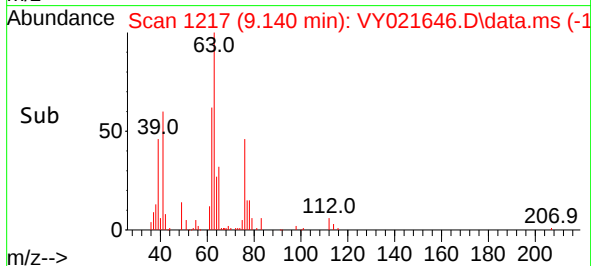
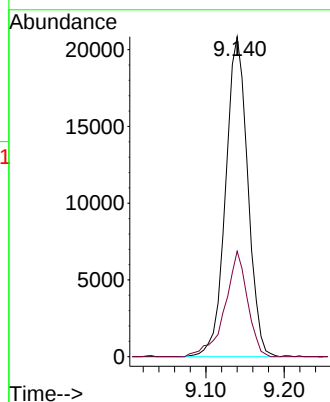
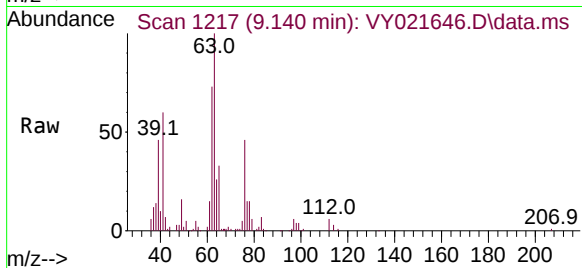
VY0326SBS01

Tgt Ion: 63 Resp: 40898

Ion Ratio Lower Upper

63 100

65 32.9 26.0 39.0



#46

Dibromomethane

Concen: 22.029 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

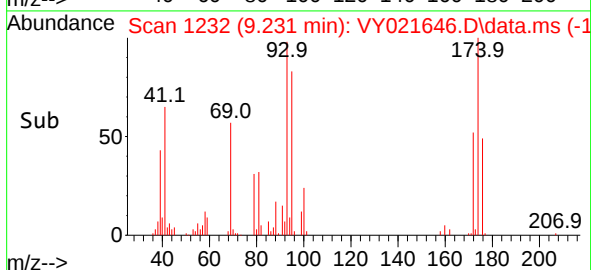
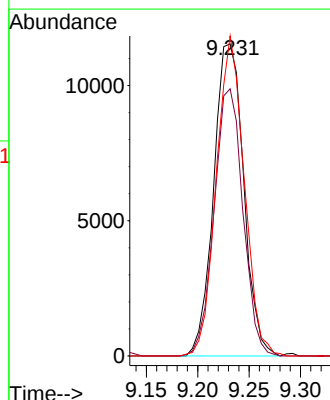
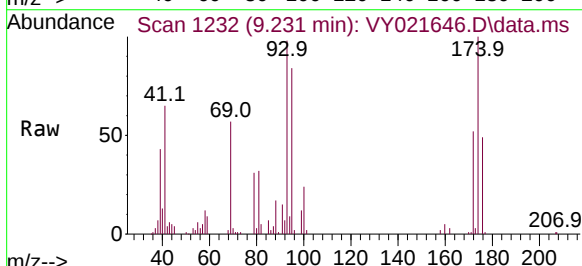
Tgt Ion: 93 Resp: 23349

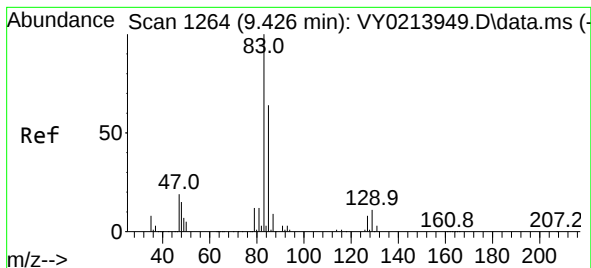
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 95.2 77.9 116.9





#47

Bromodichloromethane

Concen: 22.232 ug/l

RT: 9.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

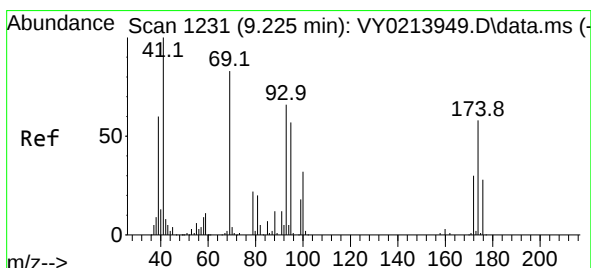
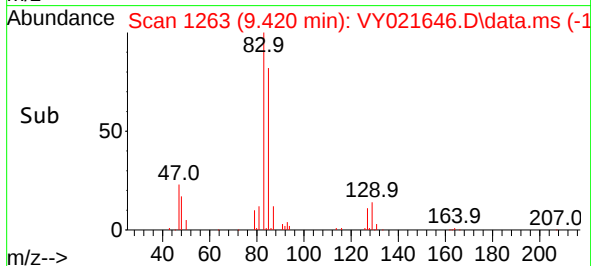
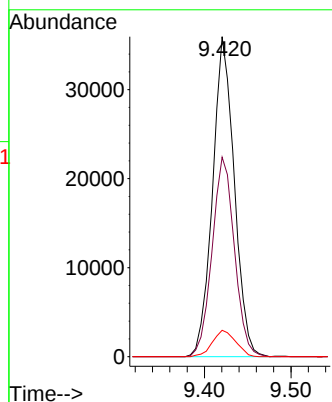
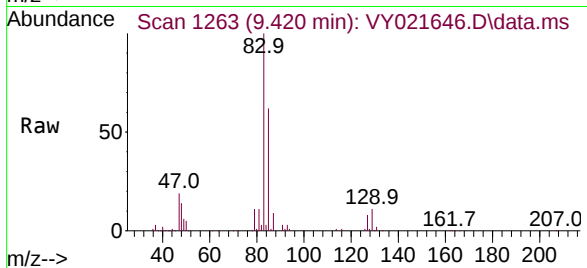
Tgt Ion: 83 Resp: 62581

Ion Ratio Lower Upper

83 100

85 62.3 51.1 76.7

127 8.2 6.7 10.1



#48

Methyl methacrylate

Concen: 20.099 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

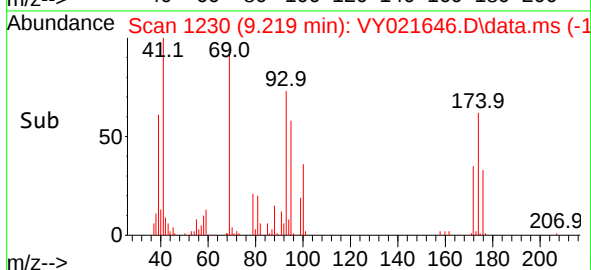
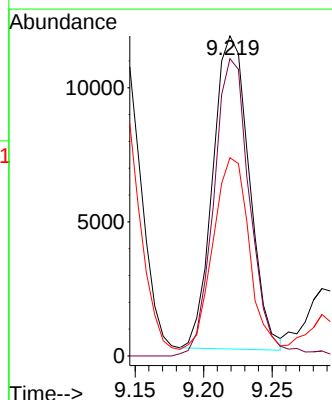
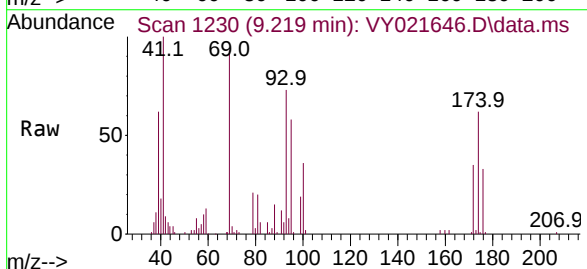
Tgt Ion: 41 Resp: 21517

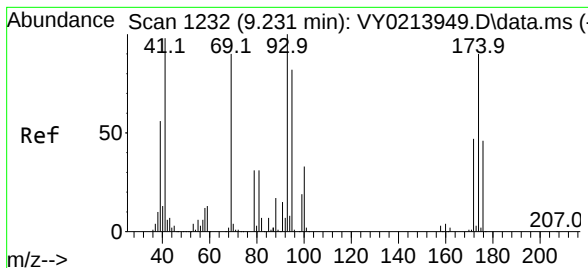
Ion Ratio Lower Upper

41 100

69 95.0 67.8 101.8

39 60.4 46.4 69.6





#49

1,4-Dioxane

Concen: 507.704 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

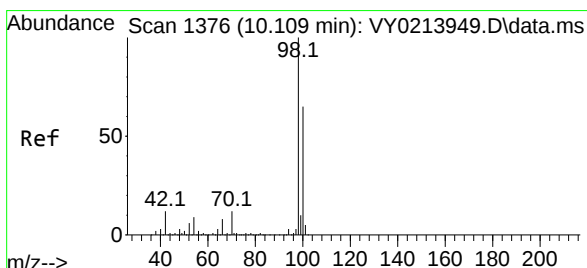
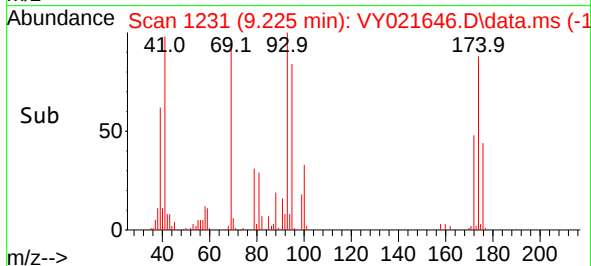
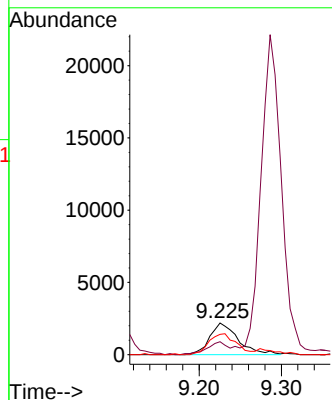
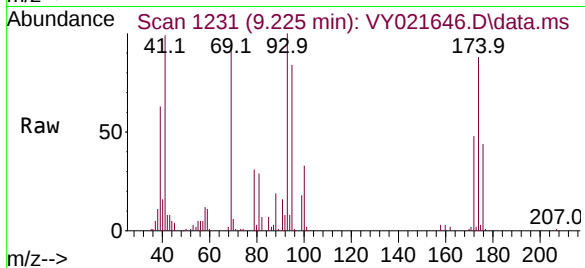
Tgt Ion: 88 Resp: 5282

Ion Ratio Lower Upper

88 100

43 29.3 25.0 37.4

58 62.8 58.4 87.6



#50

Toluene-d8

Concen: 49.550 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021646.D

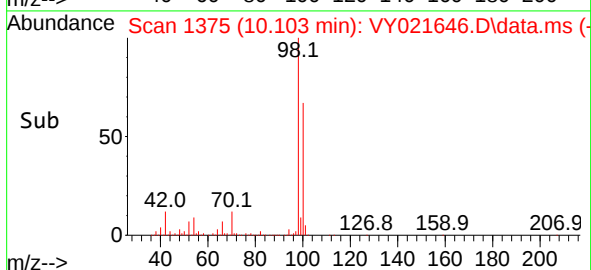
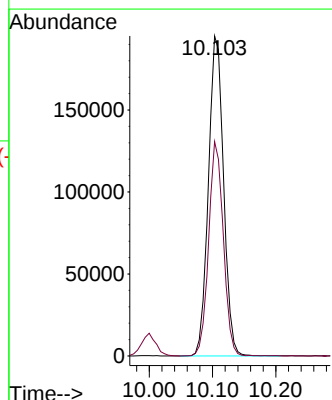
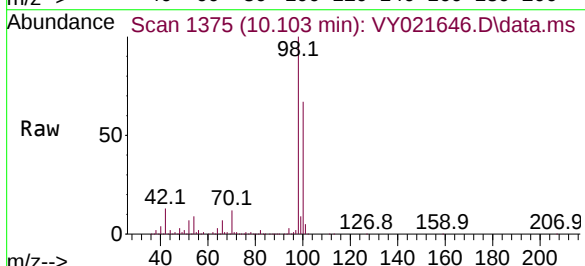
Acq: 26 Mar 2025 14:58

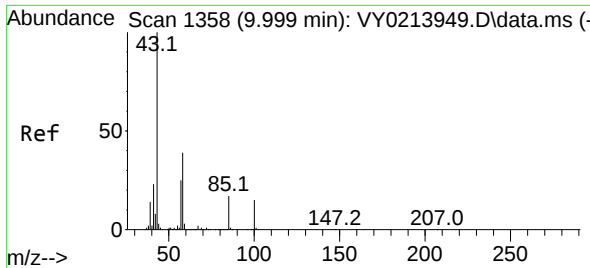
Tgt Ion: 98 Resp: 325662

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1

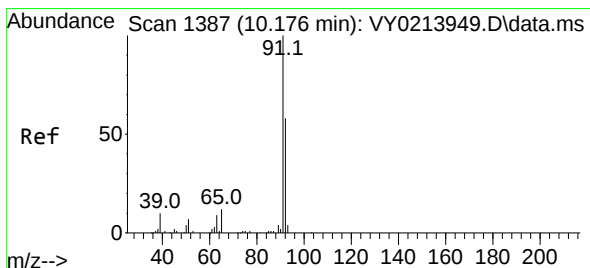
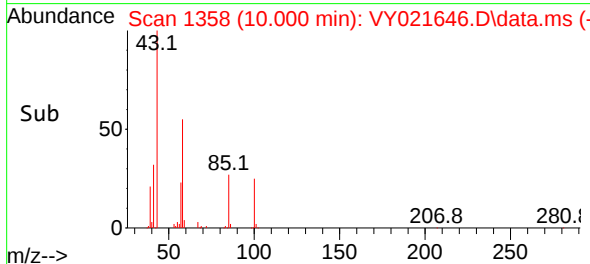
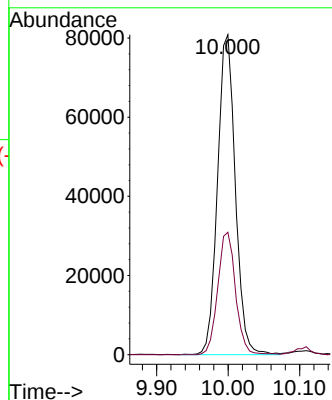
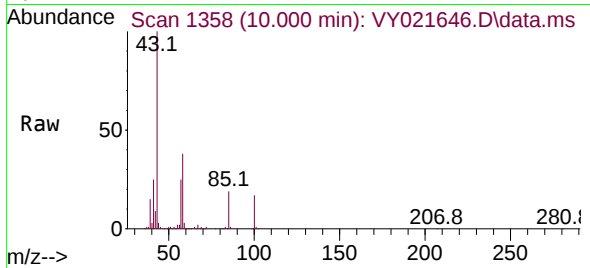




#51
4-Methyl-2-Pentanone
Concen: 116.310 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

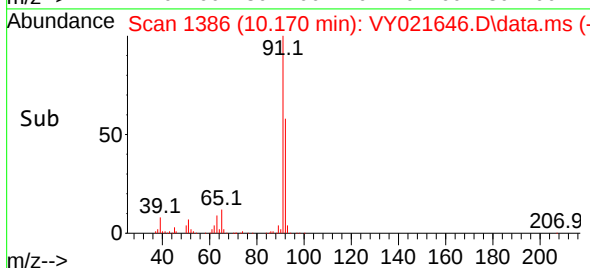
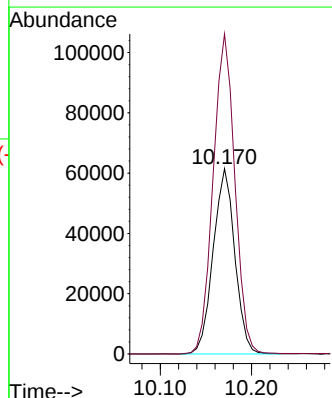
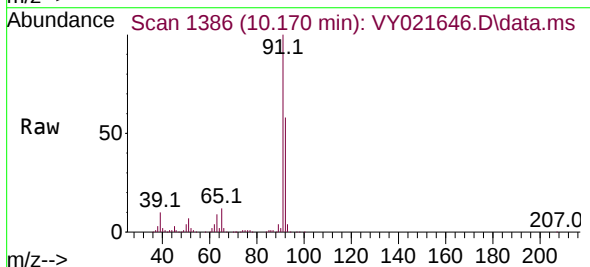
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

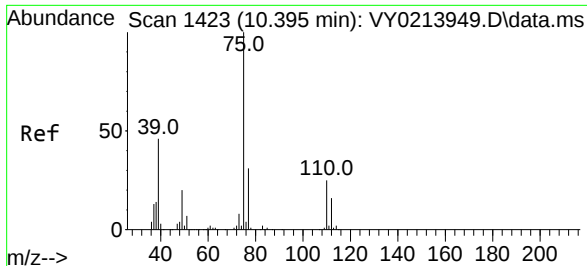
Tgt Ion: 43 Resp: 139908
Ion Ratio Lower Upper
43 100
58 38.3 31.4 47.2



#52
Toluene
Concen: 20.046 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 92 Resp: 101158
Ion Ratio Lower Upper
92 100
91 173.5 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 20.243 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

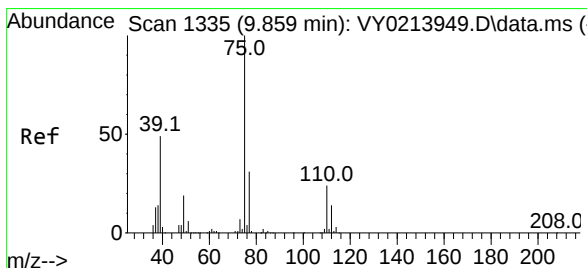
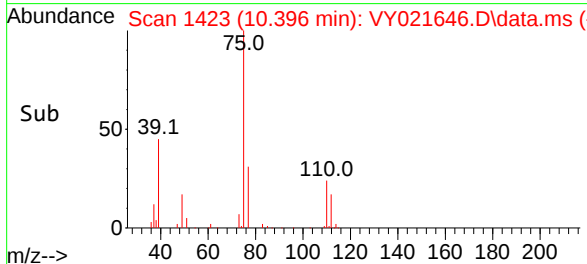
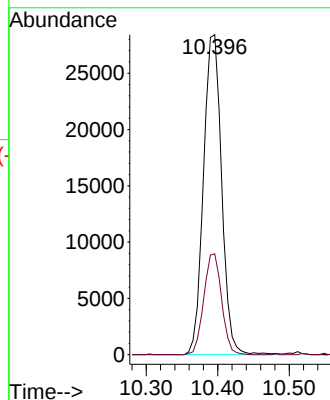
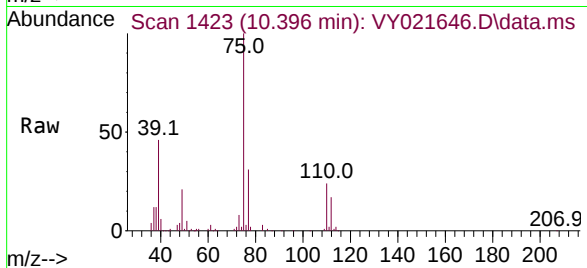
VY0326SBS01

Tgt Ion: 75 Resp: 50203

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.666 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

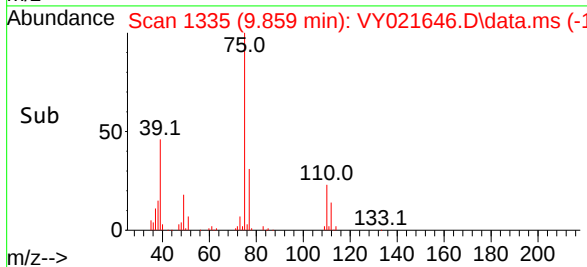
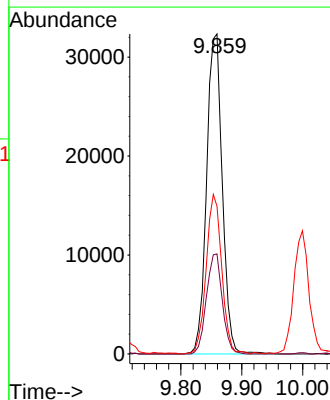
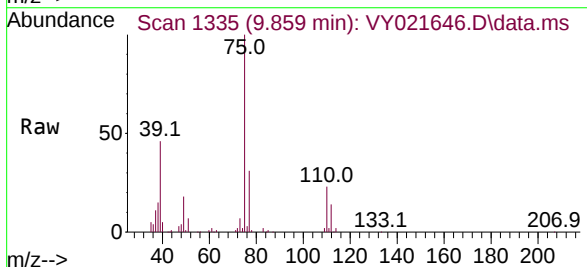
Tgt Ion: 75 Resp: 57905

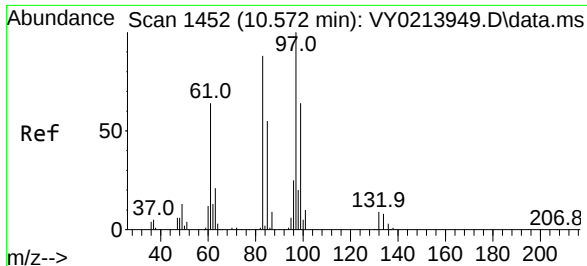
Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0

39 46.2 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 22.986 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBSD01

Tgt Ion: 97 Resp: 31870

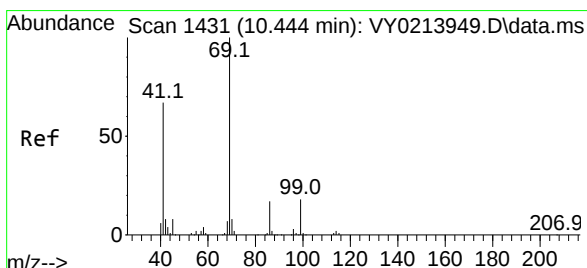
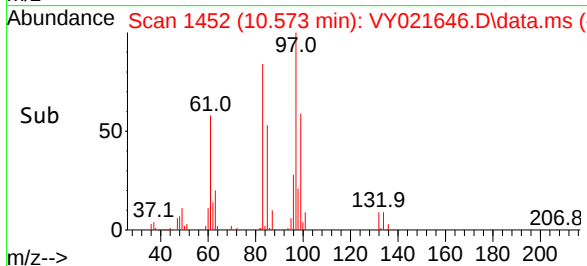
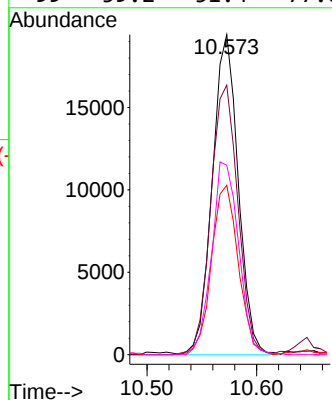
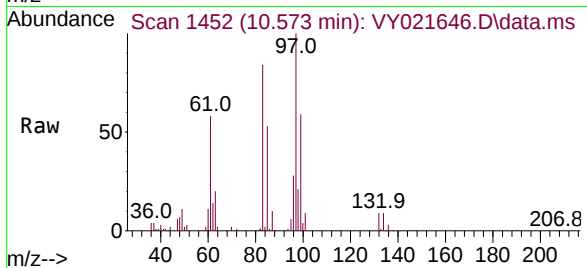
Ion Ratio Lower Upper

97 100

83 83.9 70.0 105.0

85 52.6 44.3 66.5

99 59.2 51.4 77.0



#56

Ethyl methacrylate

Concen: 21.653 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

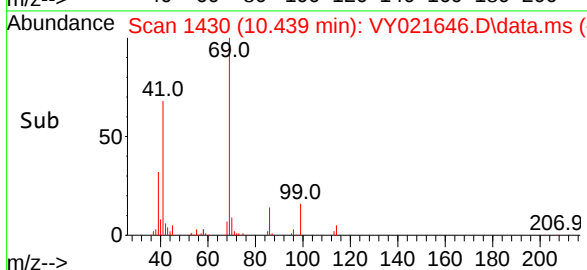
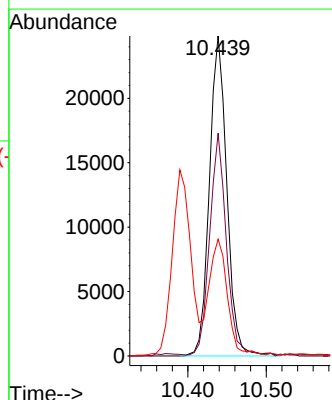
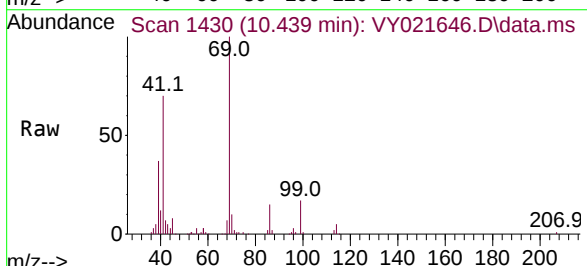
Tgt Ion: 69 Resp: 38289

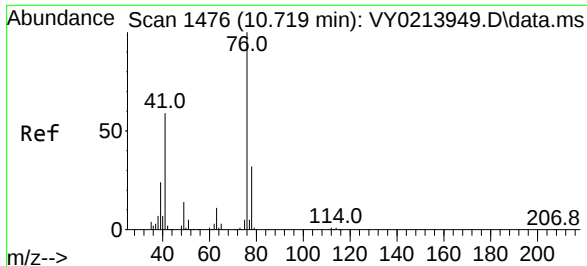
Ion Ratio Lower Upper

69 100

41 67.3 53.3 79.9

39 38.7 31.0 46.6

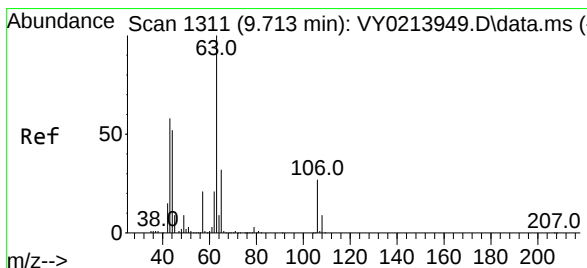
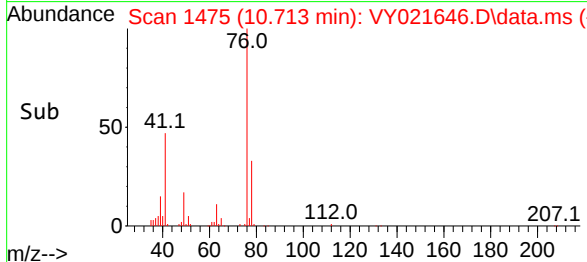
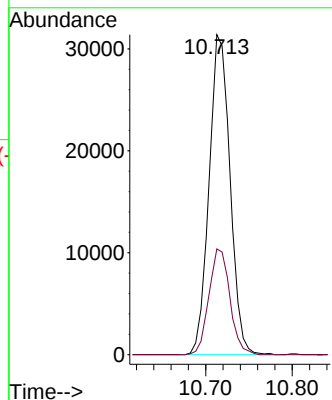
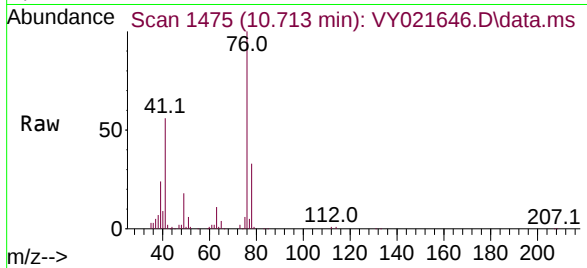




#57
1,3-Dichloropropane
Concen: 21.944 ug/l
RT: 10.713 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

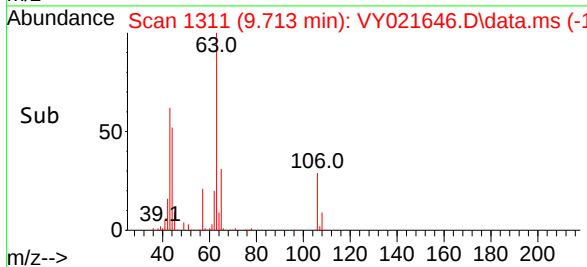
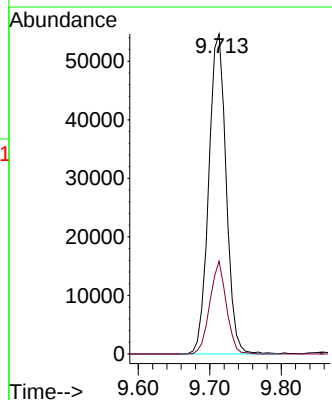
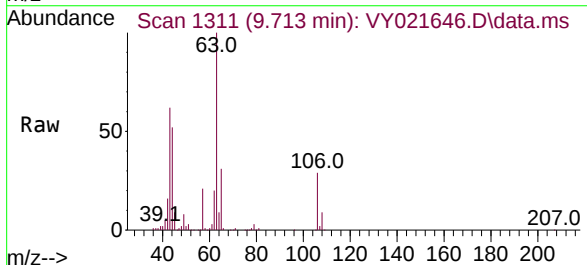
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

Tgt Ion: 76 Resp: 52733
Ion Ratio Lower Upper
76 100
78 33.1 26.3 39.5



#58
2-Chloroethyl Vinyl ether
Concen: 113.417 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 63 Resp: 92581
Ion Ratio Lower Upper
63 100
106 27.3 22.1 33.1





#59

2-Hexanone

Concen: 111.191 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

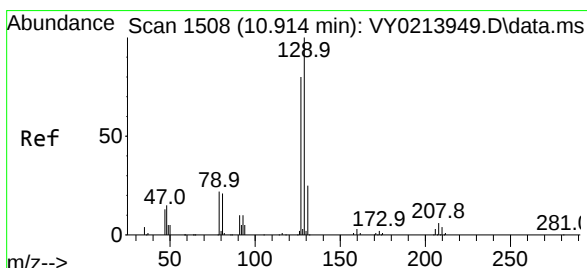
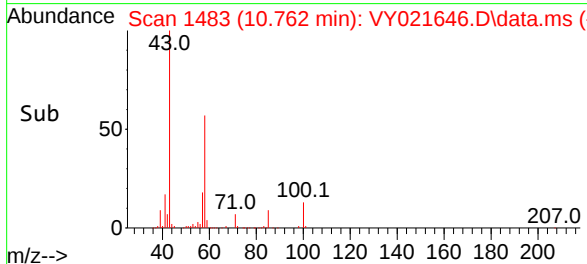
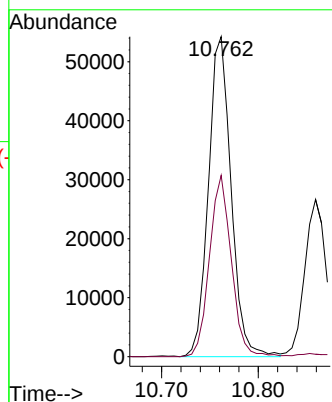
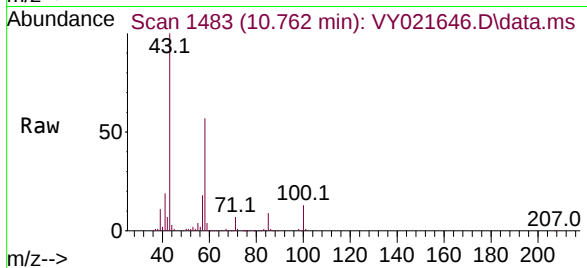
VY0326SBS01

Tgt Ion: 43 Resp: 88439

Ion Ratio Lower Upper

43 100

58 54.7 27.3 81.8



#60

Dibromochloromethane

Concen: 22.951 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY021646.D

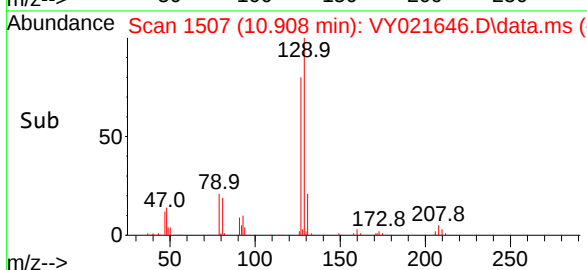
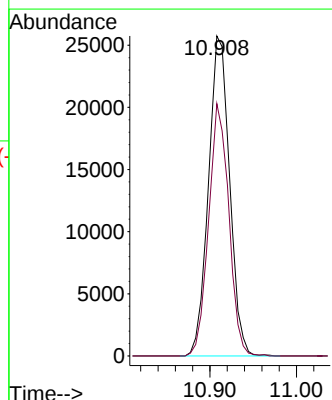
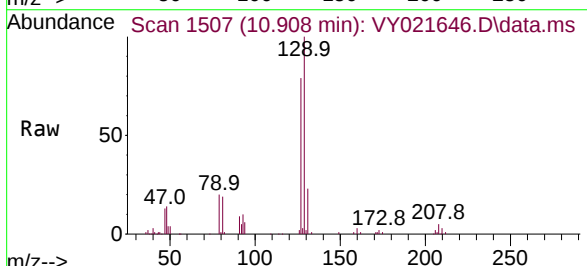
Acq: 26 Mar 2025 14:58

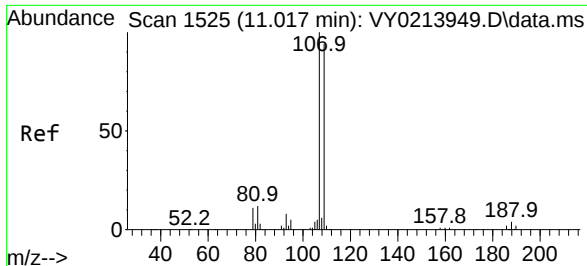
Tgt Ion: 129 Resp: 43625

Ion Ratio Lower Upper

129 100

127 75.2 39.1 117.3

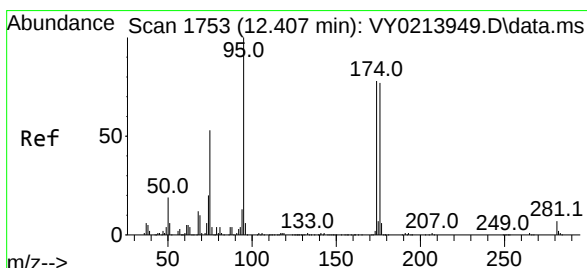
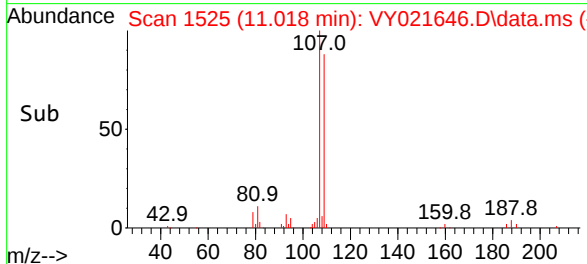
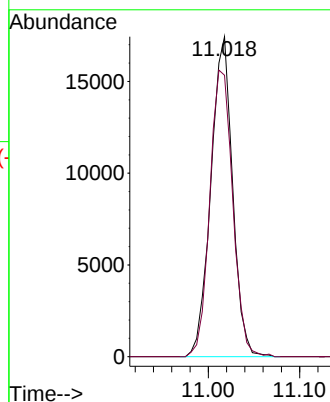
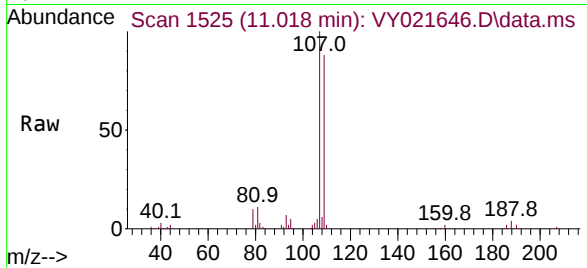




#61
 1,2-Dibromoethane
 Concen: 22.033 ug/l
 RT: 11.018 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

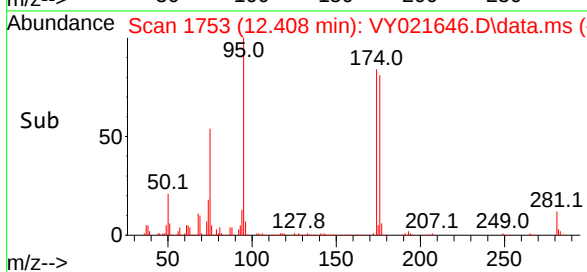
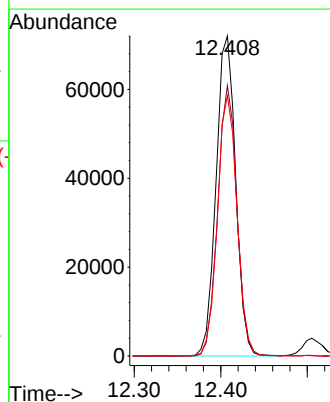
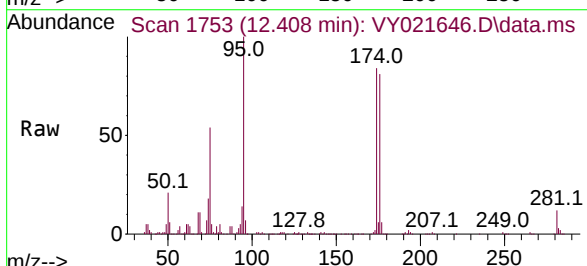
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBS01

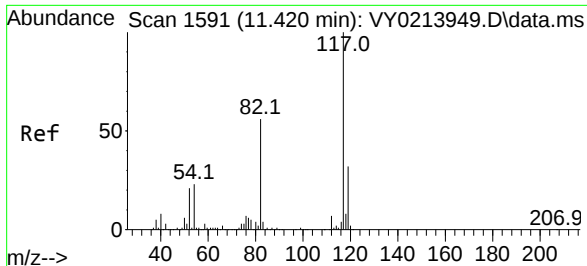
Tgt Ion:107 Resp: 28832
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 50.677 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

Tgt Ion: 95 Resp: 113297
 Ion Ratio Lower Upper
 95 100
 174 82.1 0.0 165.0
 176 81.0 0.0 160.0

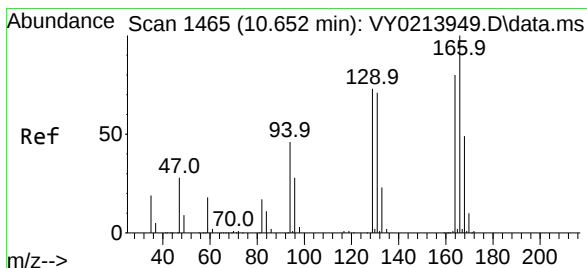
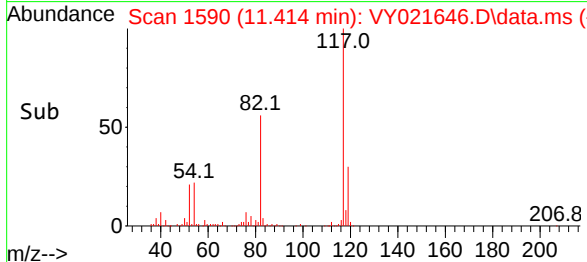
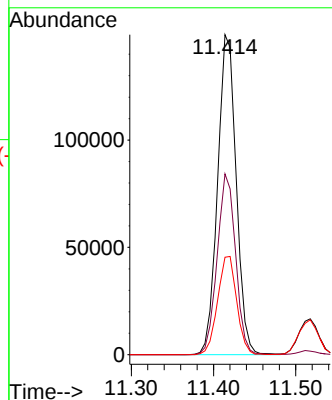
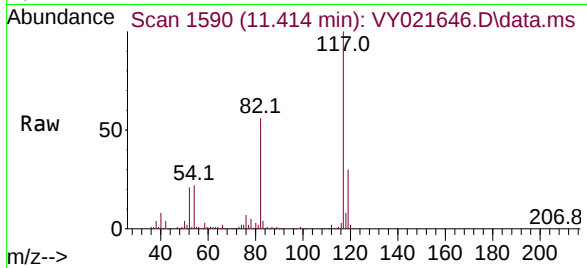




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

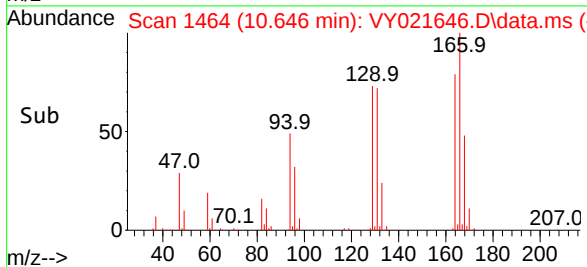
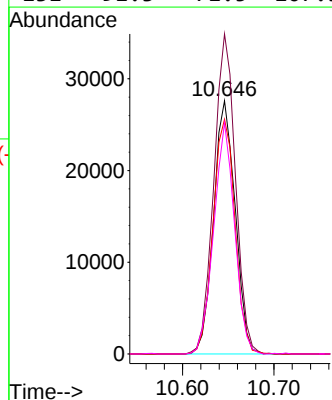
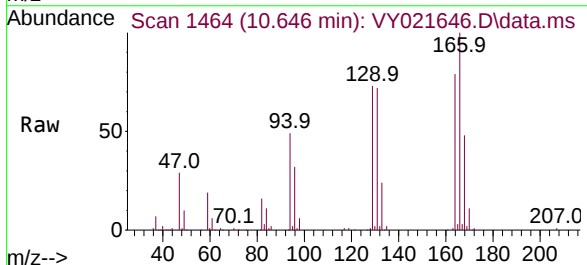
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

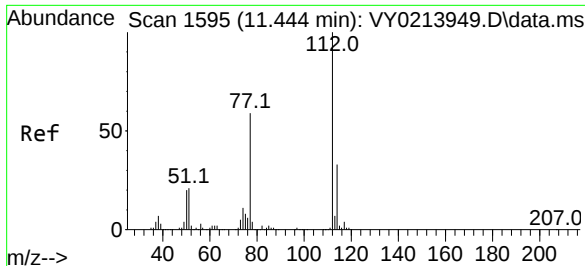
Tgt Ion:117 Resp: 234899
Ion Ratio Lower Upper
117 100
82 56.5 44.6 67.0
119 30.4 25.4 38.0



#64
Tetrachloroethene
Concen: 23.780 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion:164 Resp: 45422
Ion Ratio Lower Upper
164 100
166 126.4 100.4 150.6
129 92.7 73.8 110.8
131 91.3 71.5 107.3

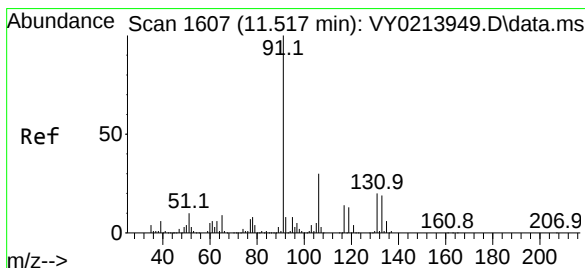
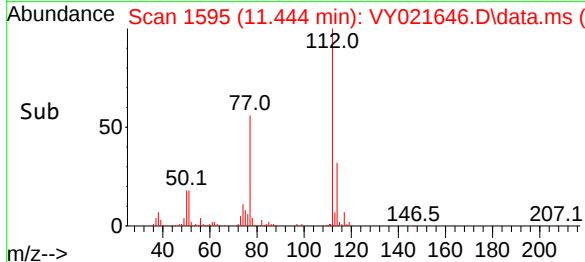
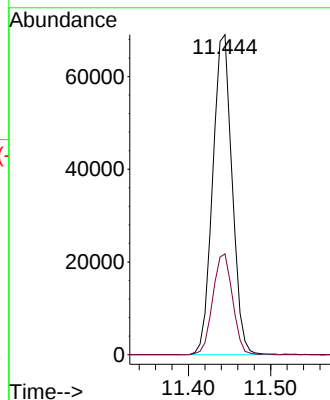
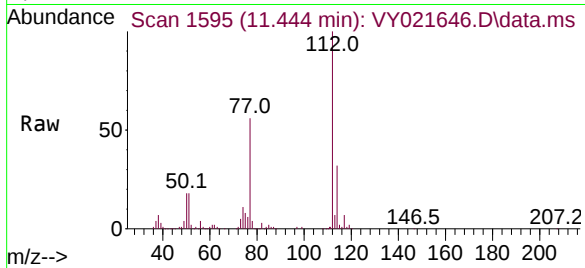




#65
Chlorobenzene
Concen: 20.405 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

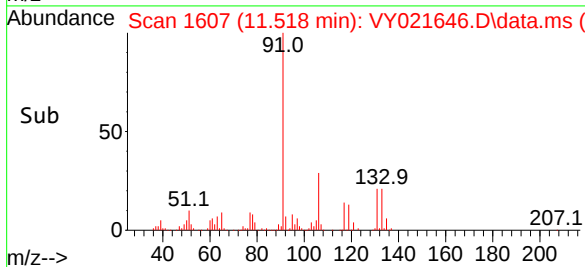
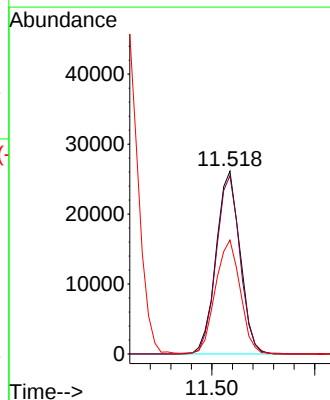
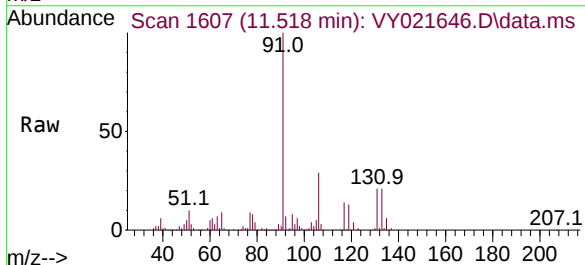
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBSD01

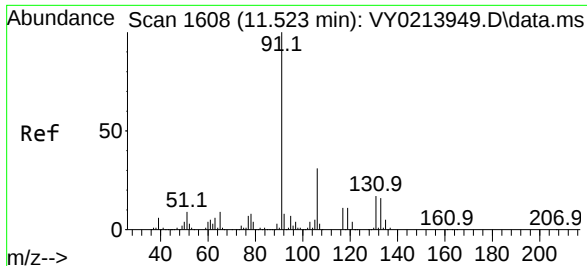
Tgt Ion:112 Resp: 113185
Ion Ratio Lower Upper
112 100
114 31.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.566 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion:131 Resp: 42295
Ion Ratio Lower Upper
131 100
133 97.0 47.6 142.9
119 64.6 32.3 96.9





#67

Ethyl Benzene

Concen: 18.874 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

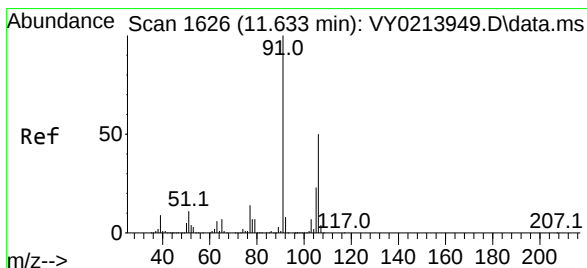
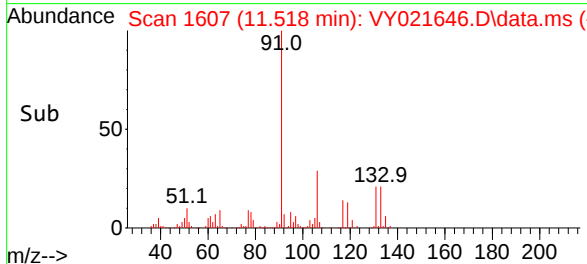
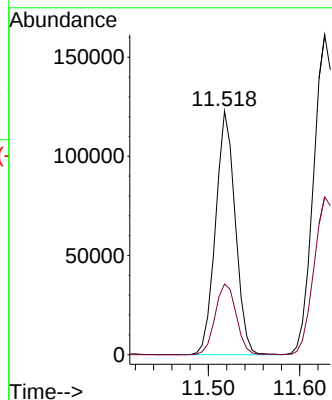
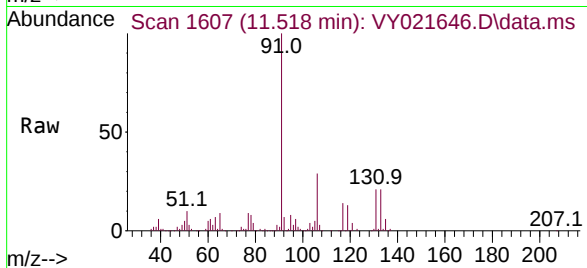
VY0326SBS01

Tgt Ion: 91 Resp: 183765

Ion Ratio Lower Upper

91 100

106 29.0 24.6 36.8



#68

m/p-Xylenes

Concen: 38.592 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021646.D

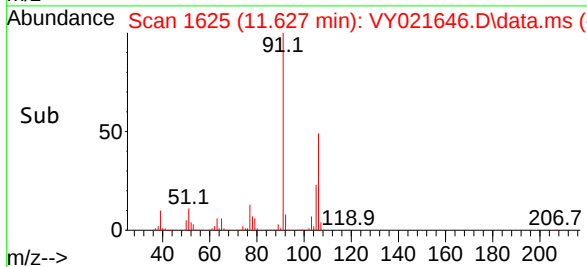
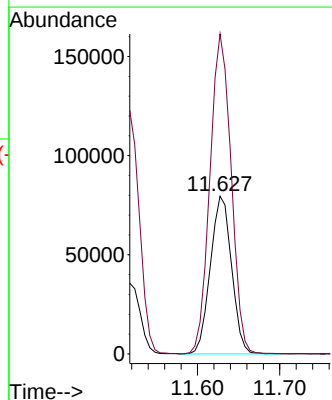
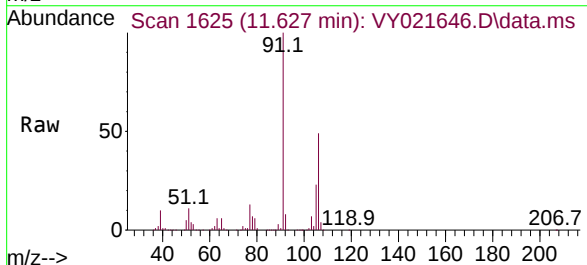
Acq: 26 Mar 2025 14:58

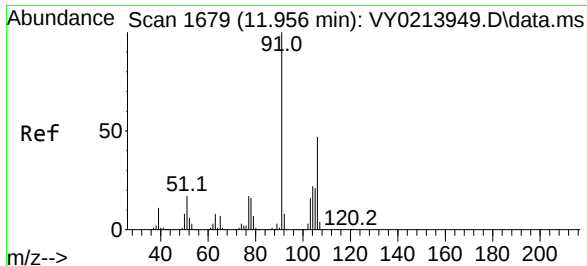
Tgt Ion:106 Resp: 142650

Ion Ratio Lower Upper

106 100

91 202.8 161.7 242.5





#69

o-Xylene

Concen: 19.972 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

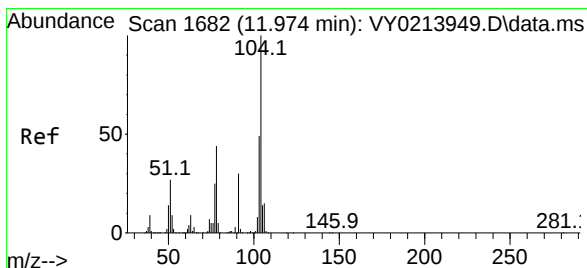
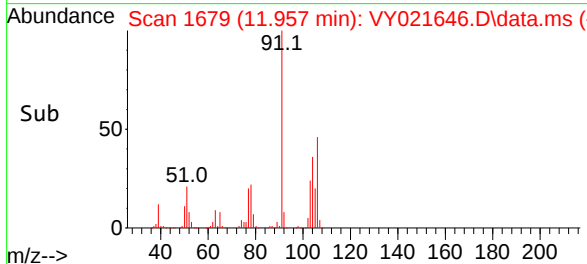
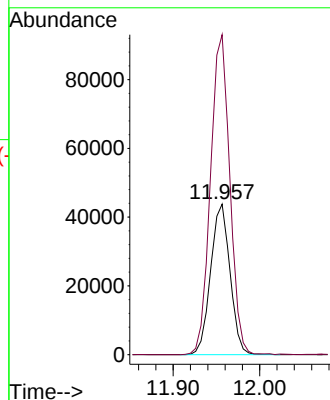
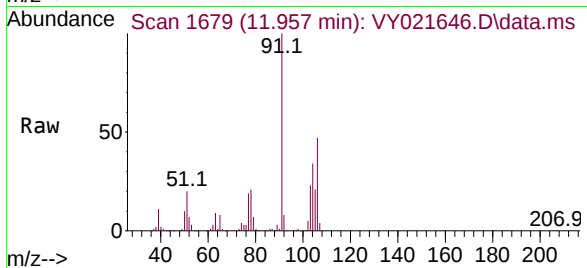
VY0326SBSD01

Tgt Ion:106 Resp: 68037

Ion Ratio Lower Upper

106 100

91 212.1 107.6 322.8



#70

Styrene

Concen: 20.287 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

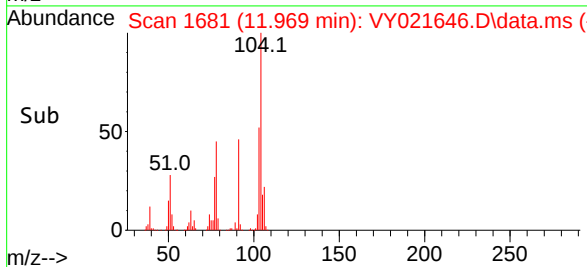
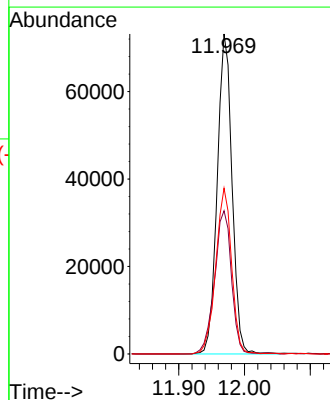
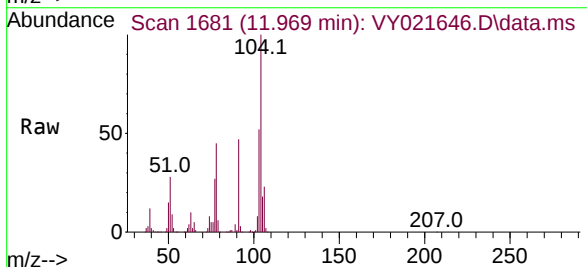
Tgt Ion:104 Resp: 114652

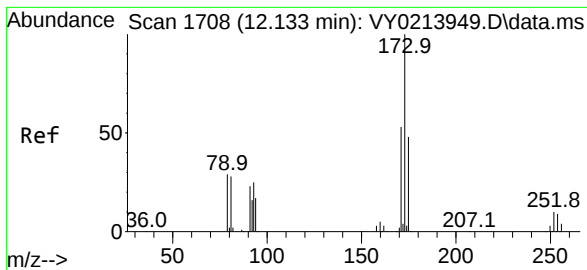
Ion Ratio Lower Upper

104 100

78 50.8 40.7 61.1

103 55.5 44.1 66.1

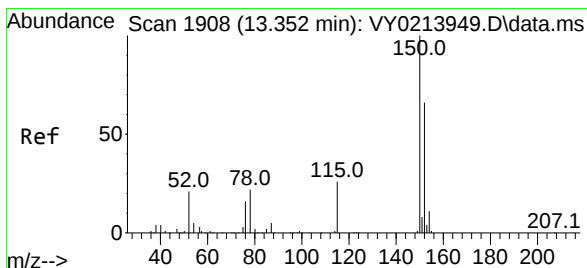
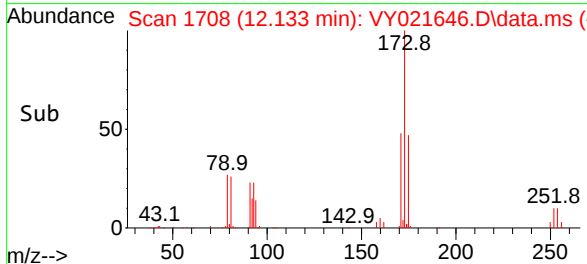
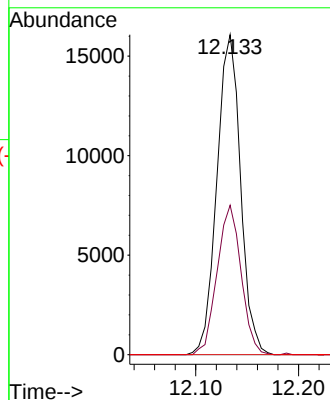
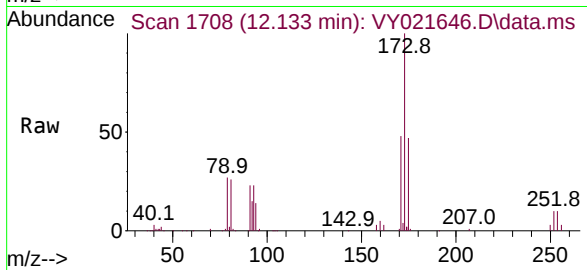




#71
Bromoform
Concen: 23.408 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

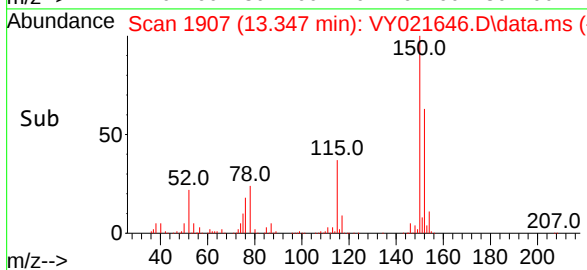
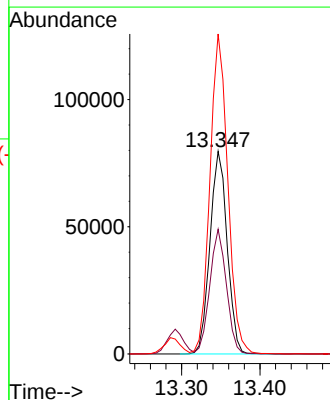
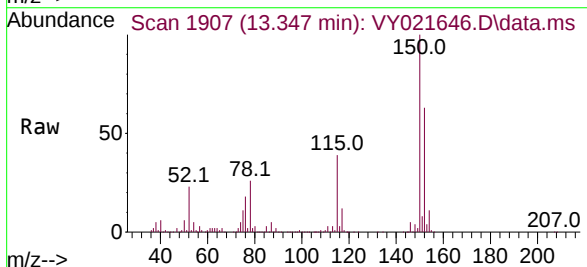
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBSD01

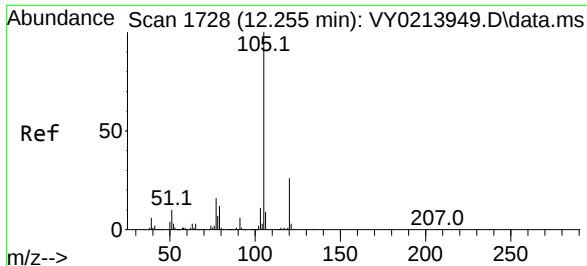
Tgt Ion:173 Resp: 25662
Ion Ratio Lower Upper
173 100
175 47.4 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion:152 Resp: 121610
Ion Ratio Lower Upper
152 100
115 59.4 29.0 87.0
150 163.6 0.0 347.2

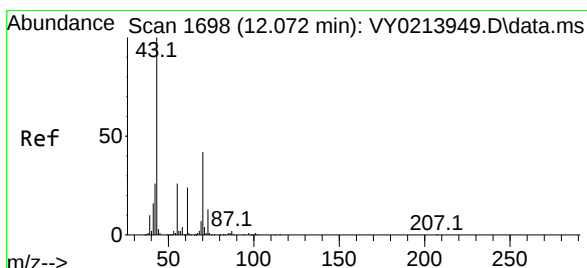
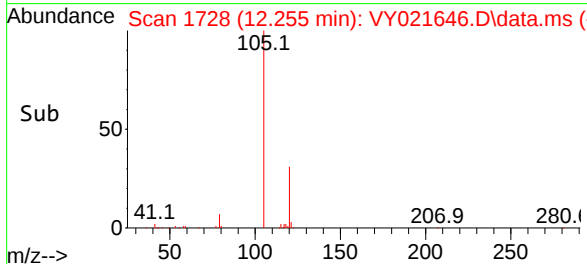
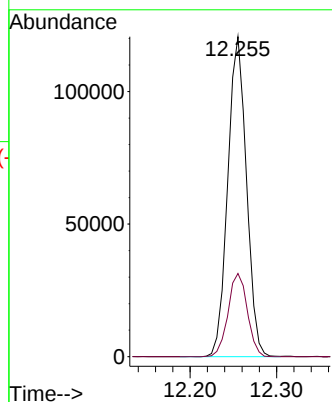
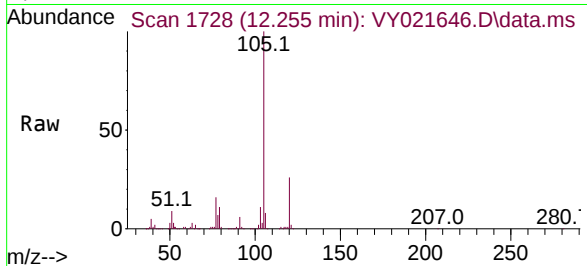




#73
Isopropylbenzene
Concen: 18.866 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

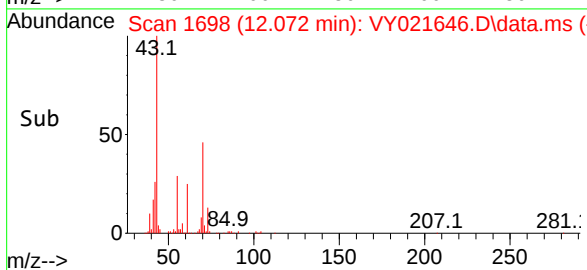
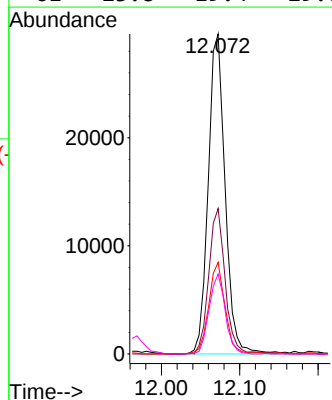
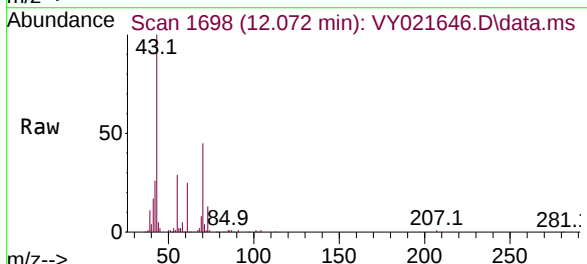
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBSD01

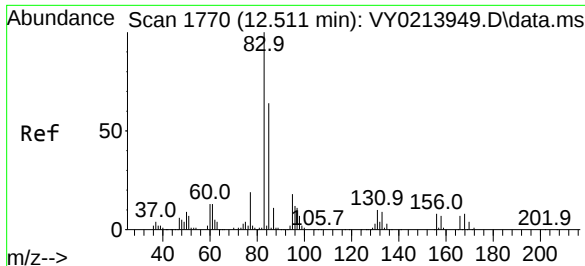
Tgt Ion:105 Resp: 180725
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.3



#74
N-ethyl acetate
Concen: 21.299 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 43 Resp: 44312
Ion Ratio Lower Upper
43 100
70 44.4 34.6 51.8
55 27.5 21.1 31.7
61 23.8 19.4 29.0

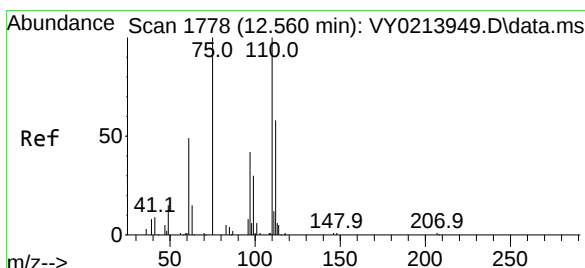
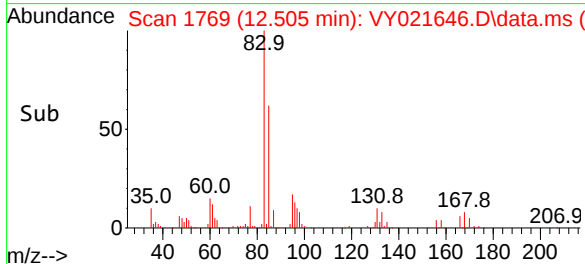
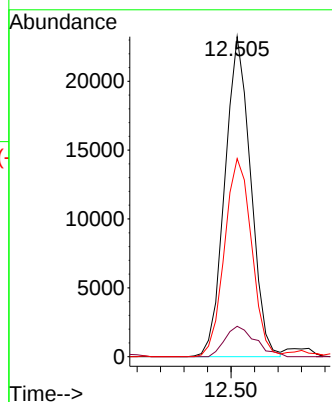
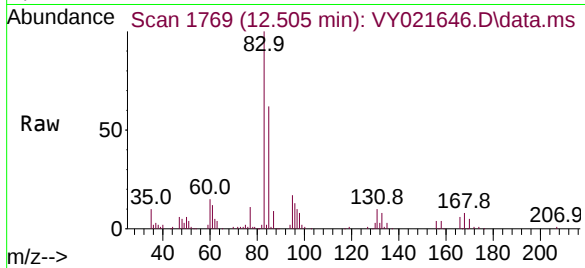




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.020 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

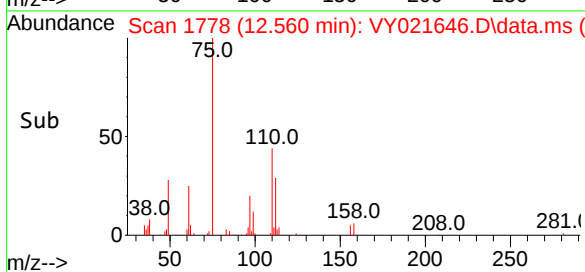
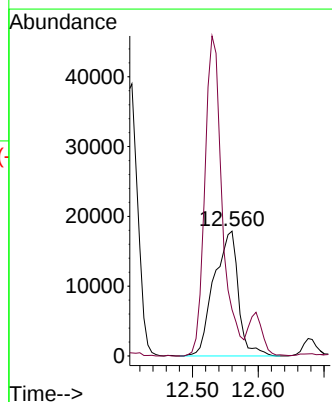
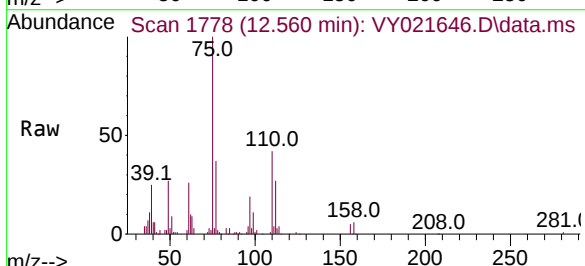
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBS01

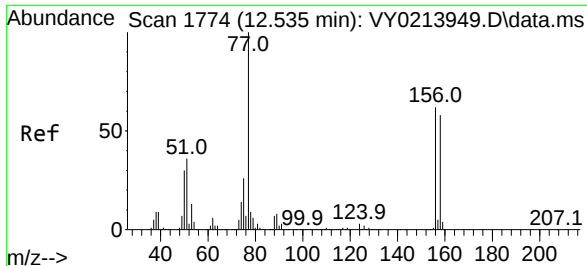
Tgt Ion: 83 Resp: 35533
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.3 16.1
 85 65.0 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 37.573 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

Tgt Ion: 75 Resp: 46044
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

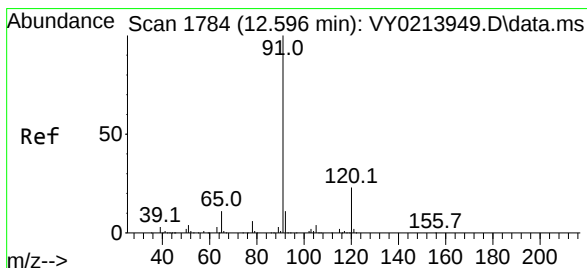
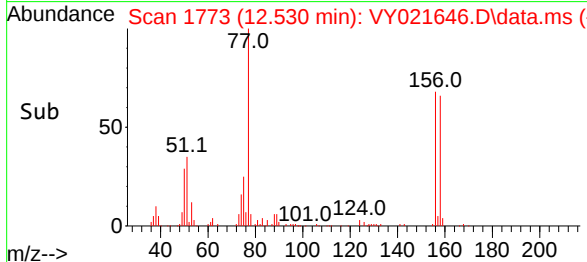
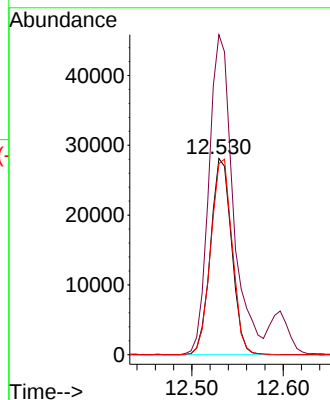
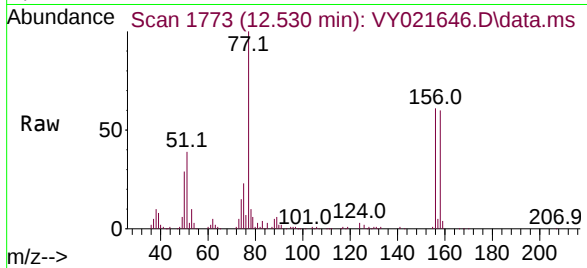




#77
Bromobenzene
Concen: 20.165 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

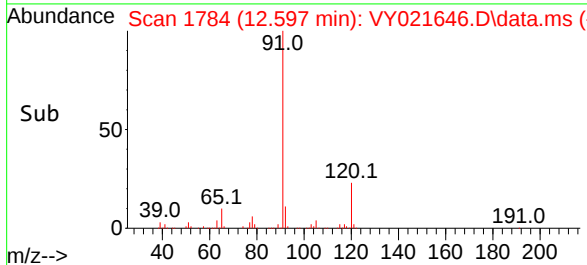
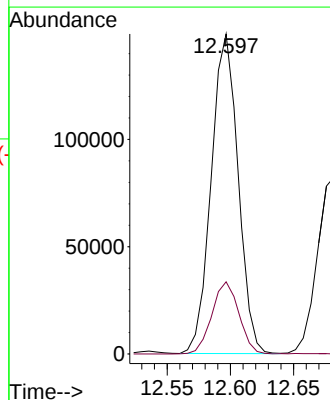
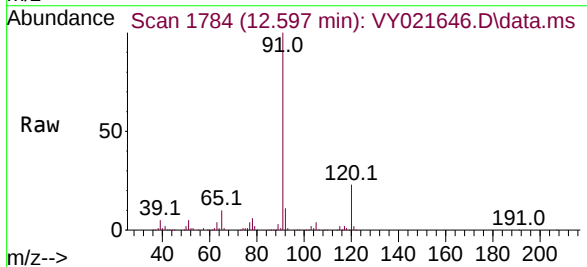
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

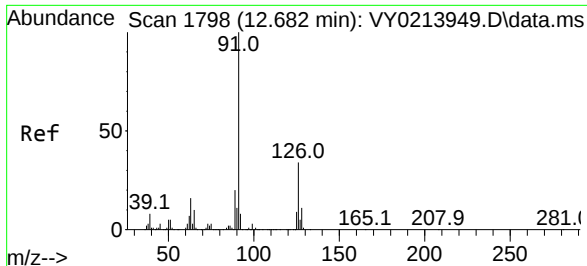
Tgt Ion:156 Resp: 45193
Ion Ratio Lower Upper
156 100
77 187.2 93.6 280.8
158 100.9 48.3 144.8



#78
n-propylbenzene
Concen: 18.898 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 91 Resp: 219861
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8





#79

2-Chlorotoluene

Concen: 19.355 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

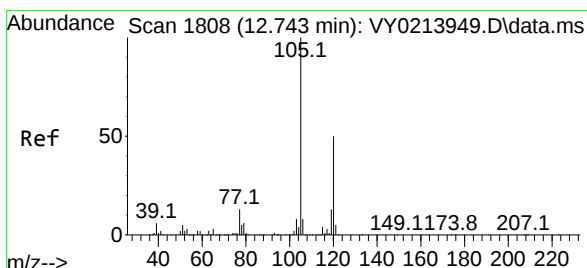
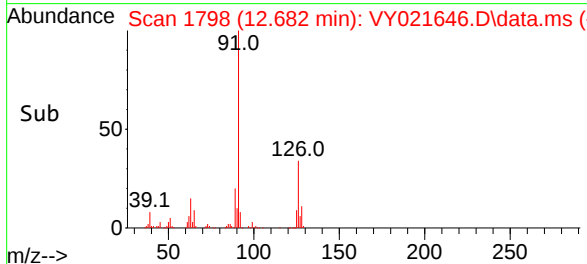
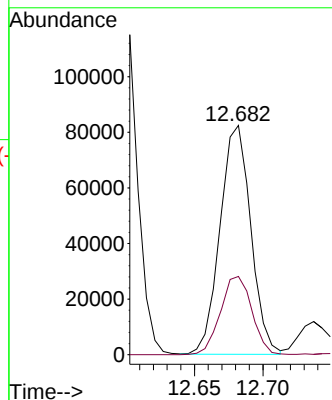
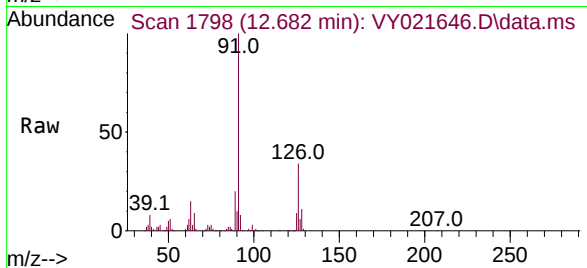
VY0326SBS01

Tgt Ion: 91 Resp: 128758

Ion Ratio Lower Upper

91 100

126 34.9 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.406 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021646.D

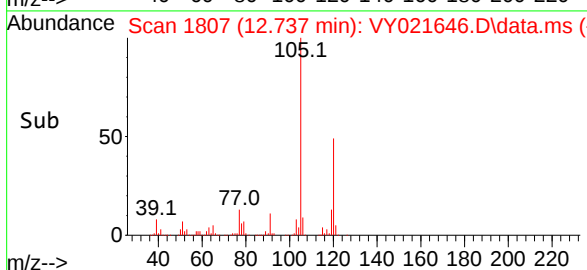
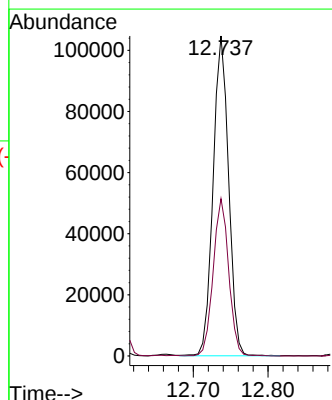
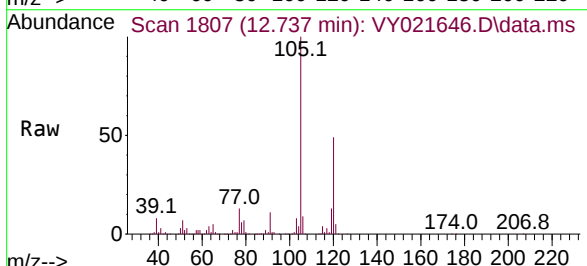
Acq: 26 Mar 2025 14:58

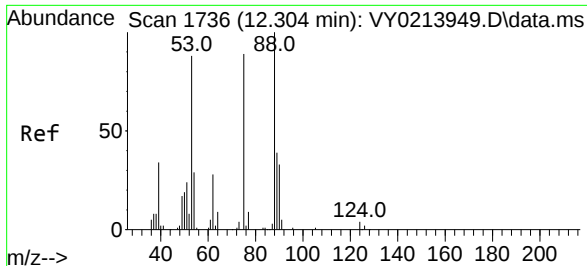
Tgt Ion: 105 Resp: 151078

Ion Ratio Lower Upper

105 100

120 49.3 24.6 73.6

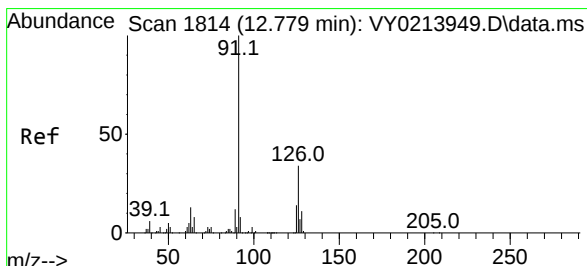
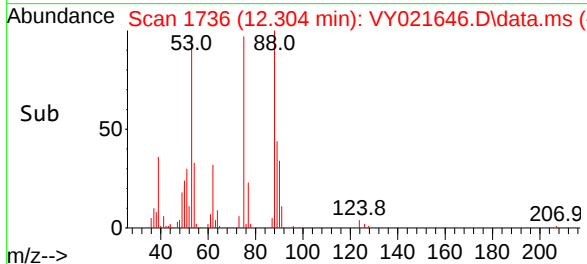
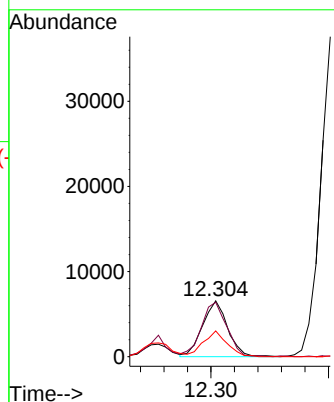
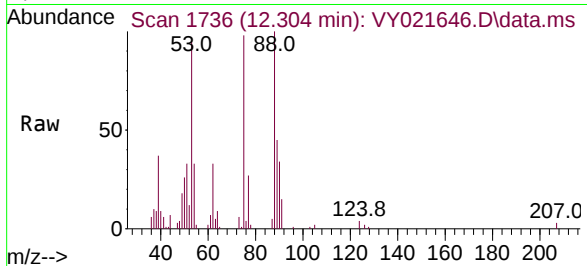




#81
trans-1,4-Dichloro-2-butene
Concen: 18.013 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

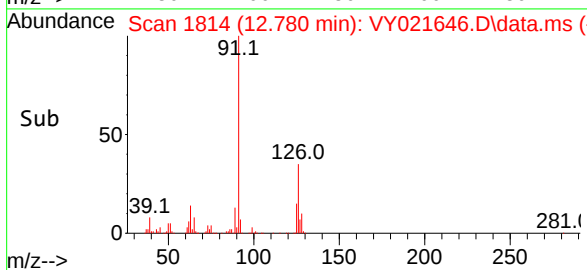
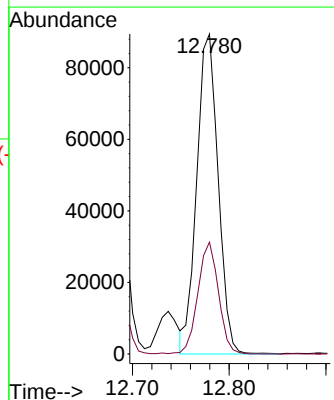
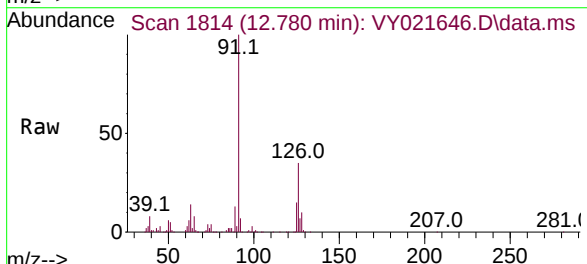
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBSD01

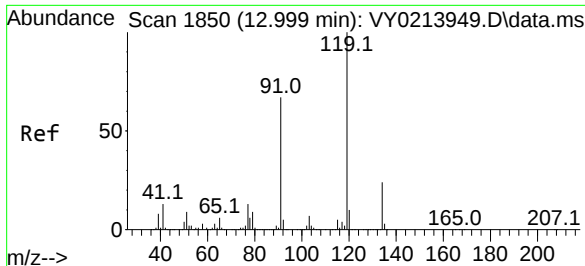
Tgt Ion: 75 Resp: 9710
Ion Ratio Lower Upper
75 100
53 99.1 81.0 121.4
89 43.0 36.9 55.3



#82
4-Chlorotoluene
Concen: 19.963 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 91 Resp: 137519
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0

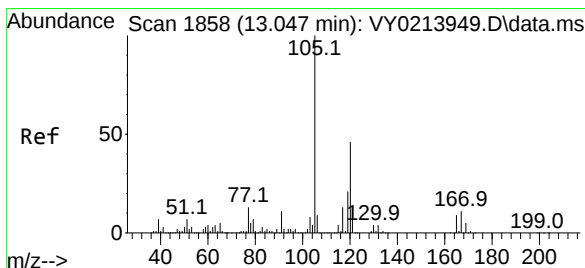
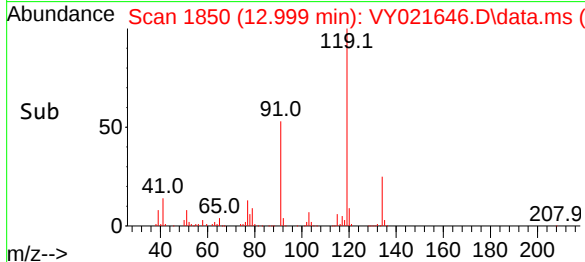
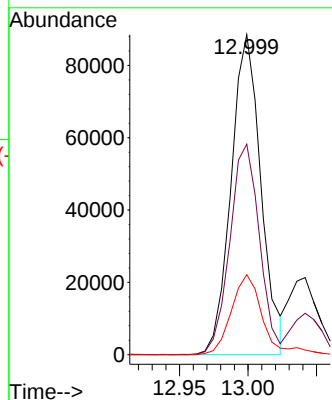
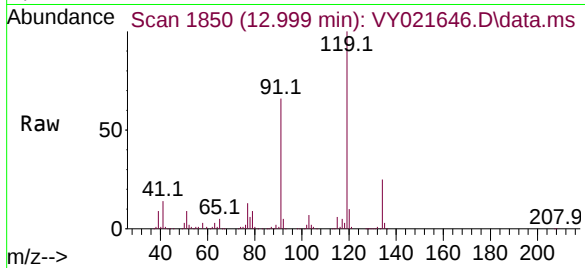




#83
 tert-Butylbenzene
 Concen: 19.353 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

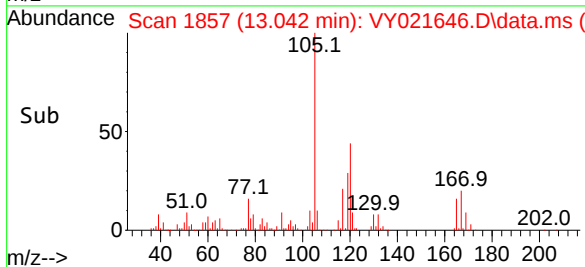
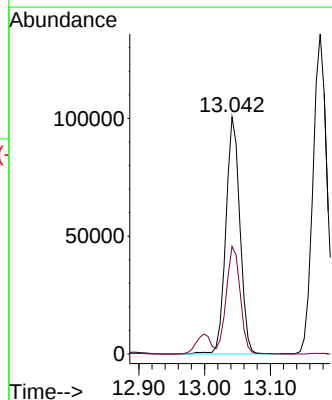
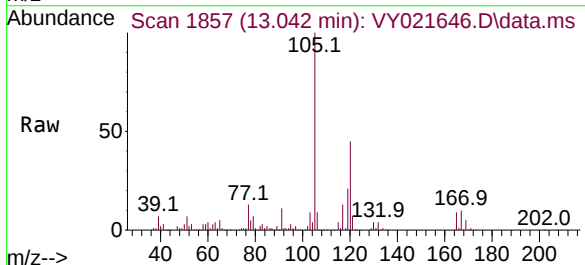
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBS01

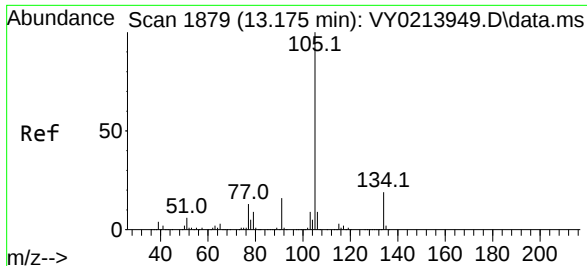
Tgt Ion:119 Resp: 134403
 Ion Ratio Lower Upper
 119 100
 91 65.4 33.2 99.6
 134 26.2 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.329 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

Tgt Ion:105 Resp: 149400
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.7 68.1

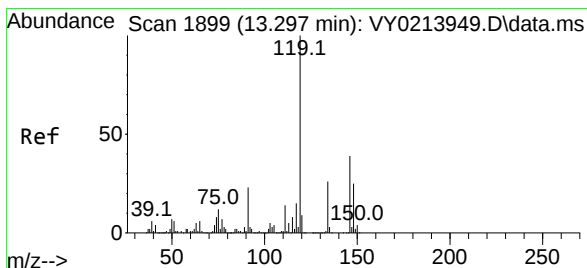
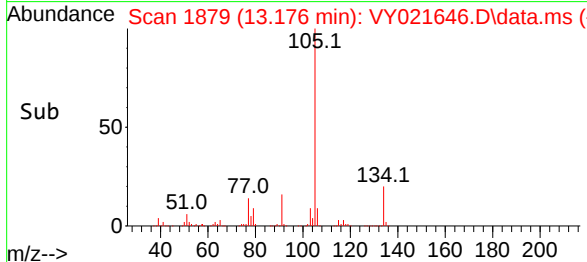
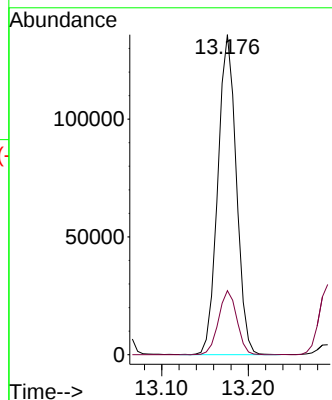
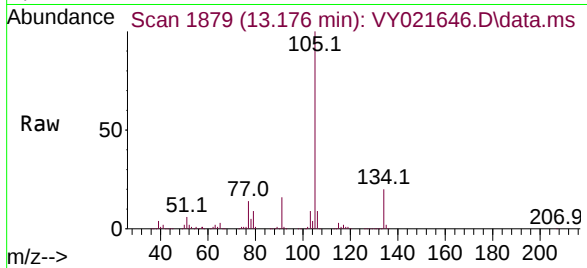




#85
 sec-Butylbenzene
 Concen: 19.477 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

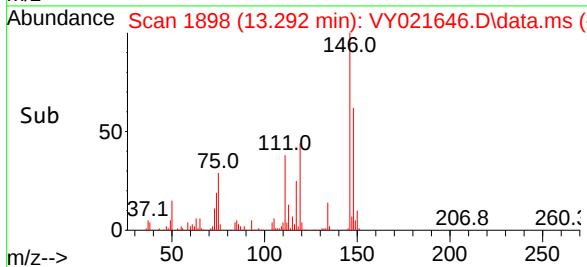
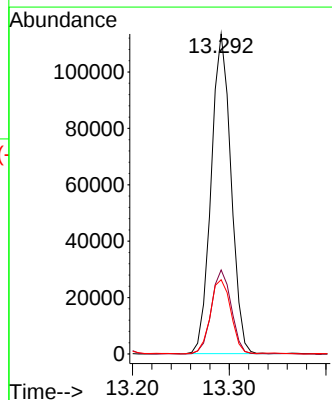
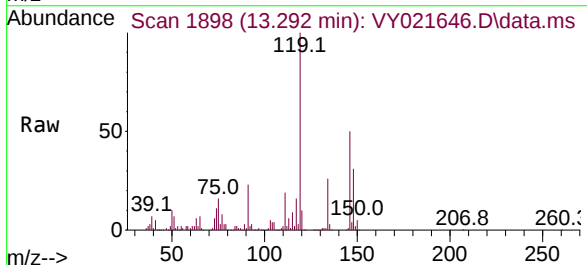
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBSD01

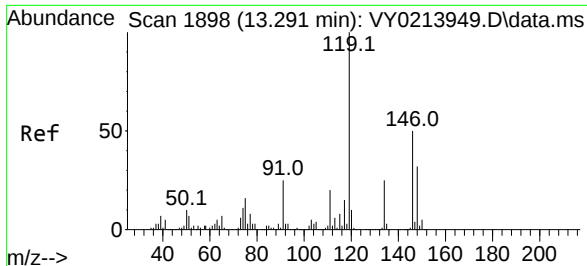
Tgt Ion:105 Resp: 201253
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 18.977 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

Tgt Ion:119 Resp: 161546
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 24.1 12.2 36.6

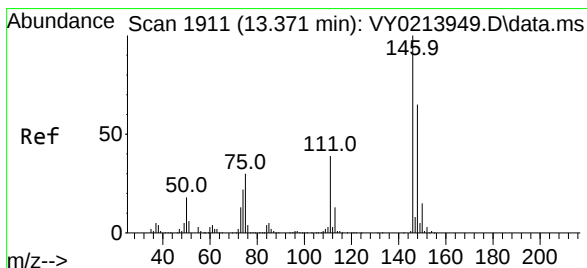
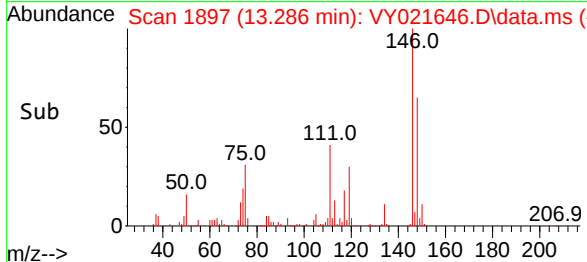
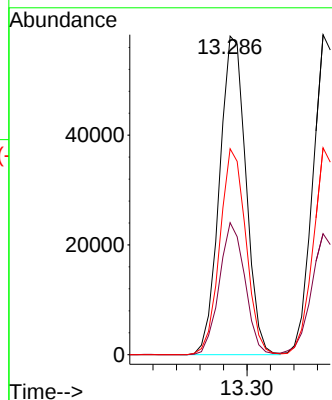
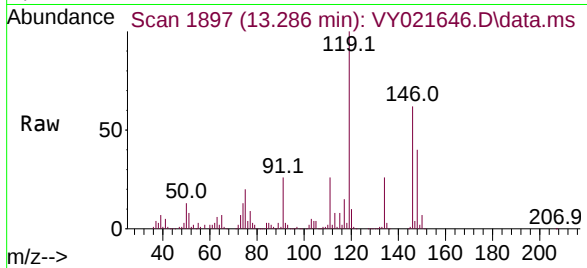




#87
 1,3-Dichlorobenzene
 Concen: 20.282 ug/l
 RT: 13.286 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

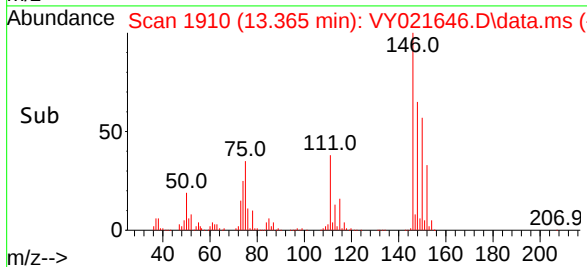
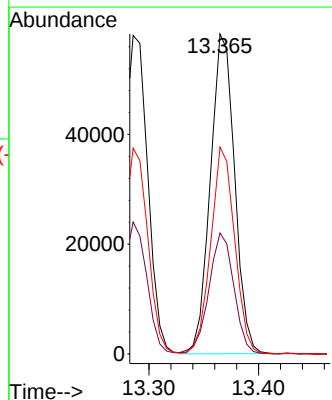
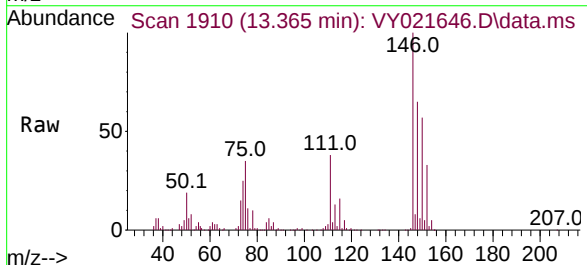
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBS01

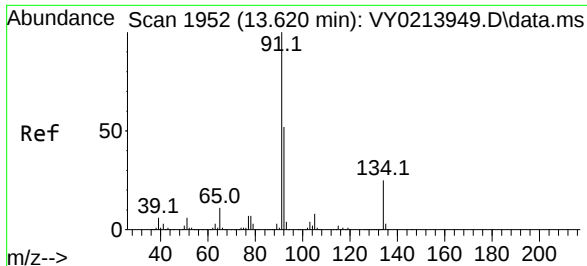
Tgt Ion:146 Resp: 90479
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 60.0
 148 63.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.572 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

Tgt Ion:146 Resp: 89752
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.6 58.8
 148 64.0 32.3 96.8

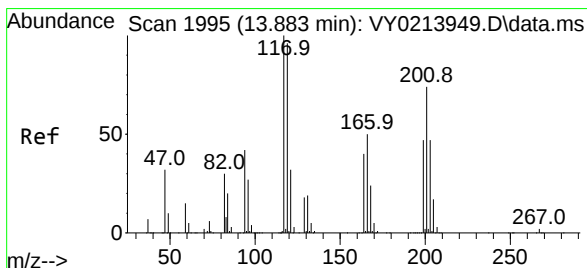
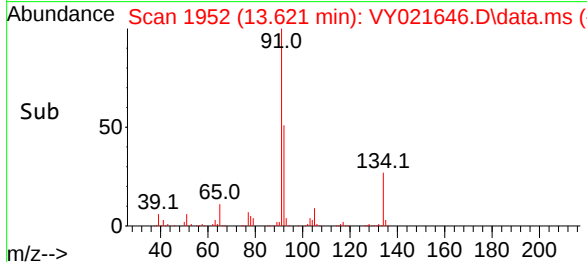
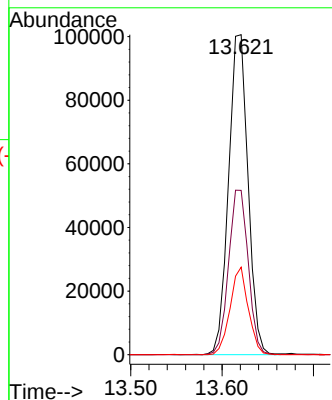
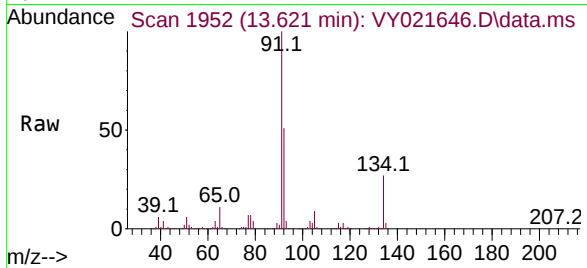




#89
n-Butylbenzene
Concen: 18.964 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

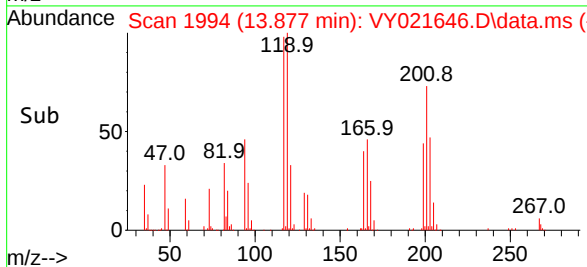
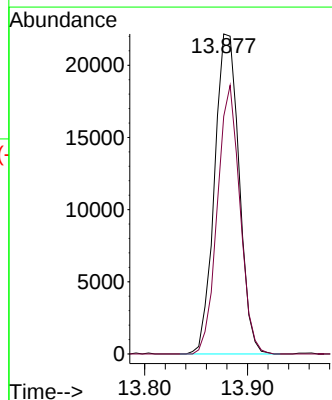
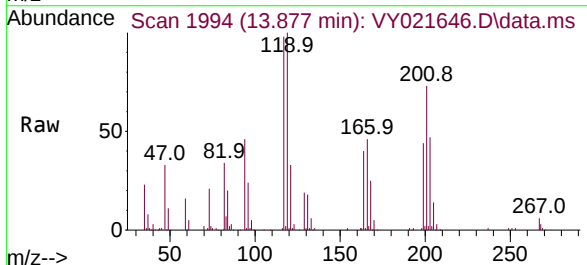
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBSD01

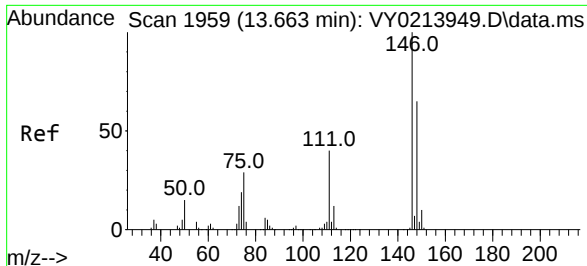
Tgt Ion: 91 Resp: 149072
Ion Ratio Lower Upper
91 100
92 51.9 26.1 78.3
134 25.6 12.6 37.8



#90
Hexachloroethane
Concen: 20.238 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion: 117 Resp: 36753
Ion Ratio Lower Upper
117 100
201 77.1 37.4 112.2

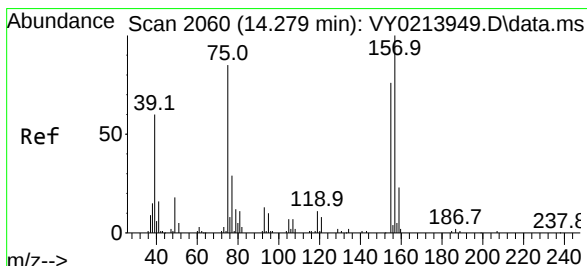
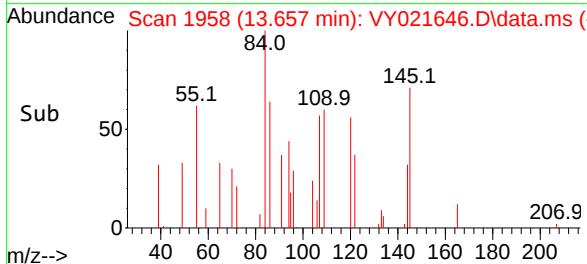
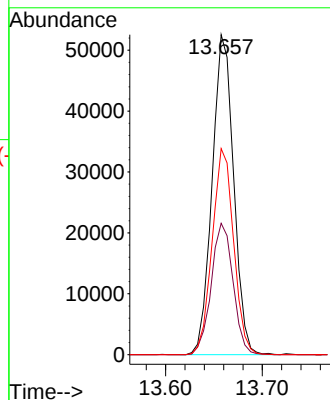
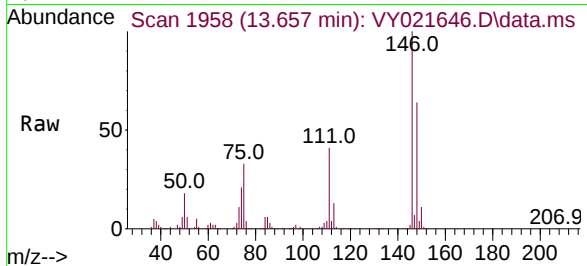




#91
 1,2-Dichlorobenzene
 Concen: 21.203 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

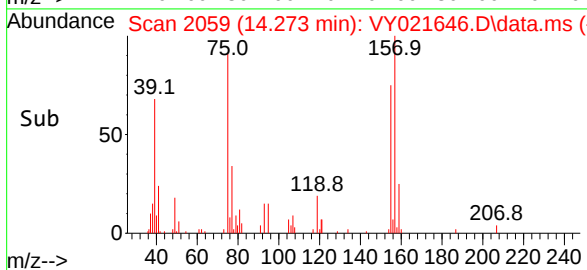
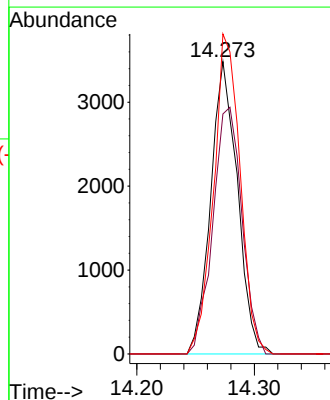
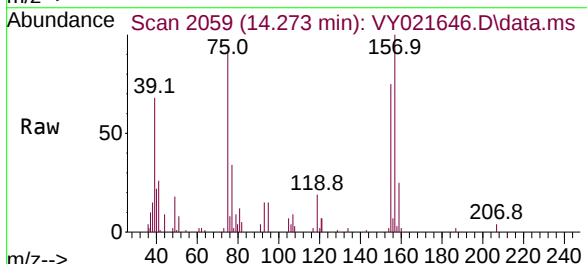
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBS01

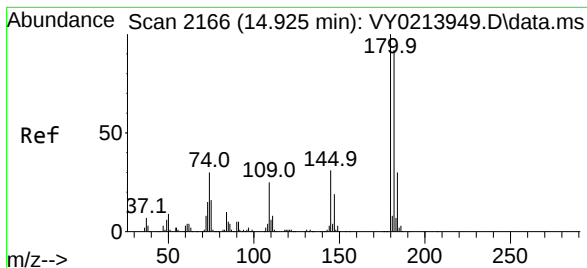
Tgt Ion:146 Resp: 81072
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.7 62.1
 148 64.4 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.732 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021646.D
 Acq: 26 Mar 2025 14:58

Tgt Ion: 75 Resp: 5503
 Ion Ratio Lower Upper
 75 100
 155 92.0 43.5 130.5
 157 109.1 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 20.298 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

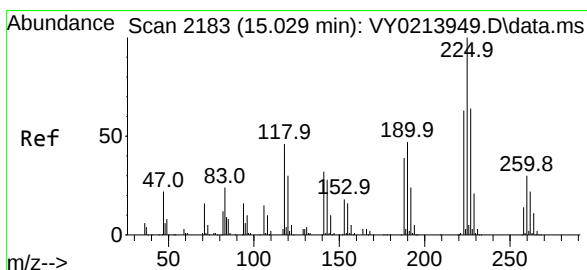
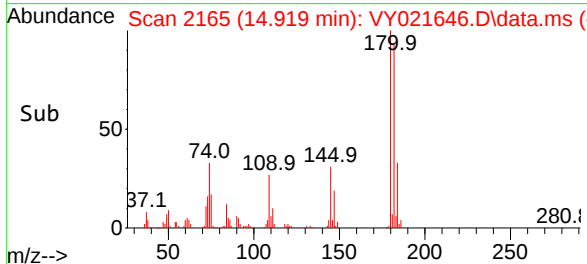
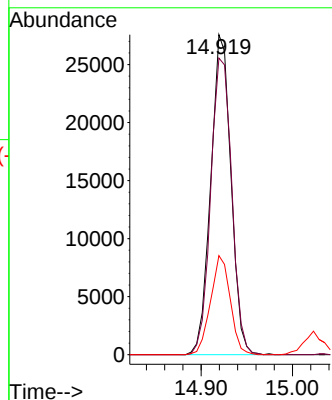
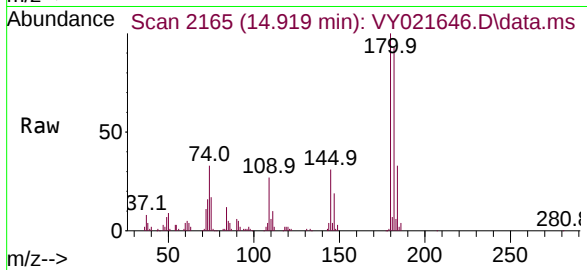
Tgt Ion:180 Resp: 42391

Ion Ratio Lower Upper

180 100

182 96.3 46.7 140.0

145 30.1 15.6 46.8



#94

Hexachlorobutadiene

Concen: 22.595 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY021646.D

Acq: 26 Mar 2025 14:58

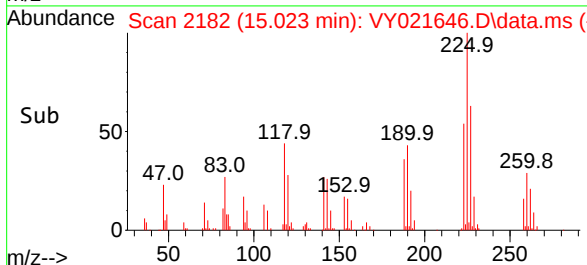
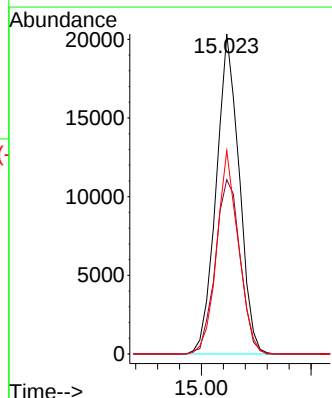
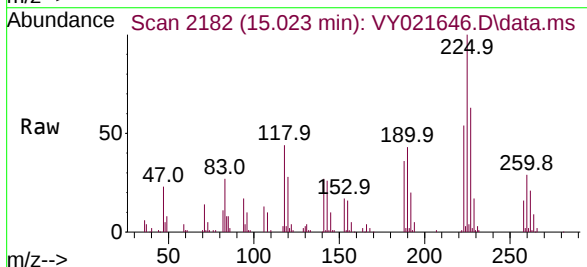
Tgt Ion:225 Resp: 29579

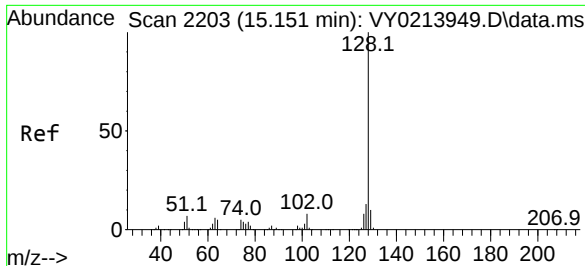
Ion Ratio Lower Upper

225 100

223 59.0 31.4 94.2

227 60.0 31.8 95.4

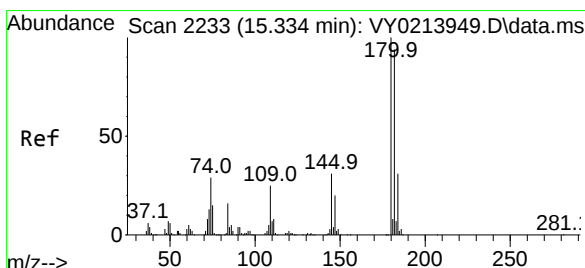
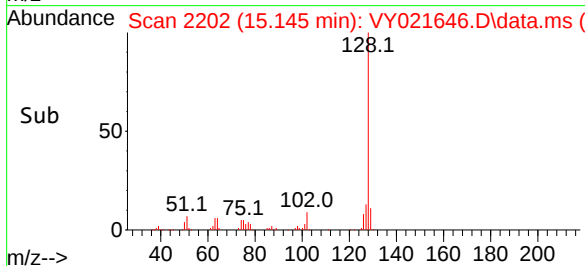
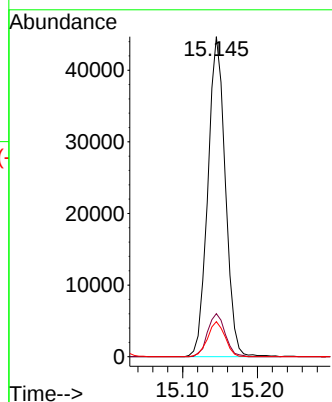
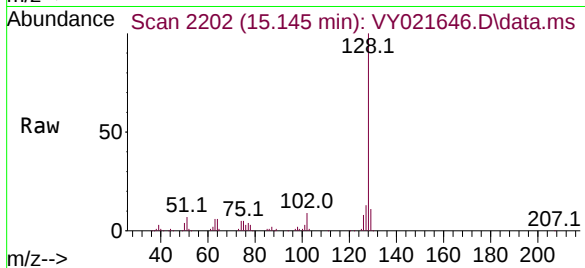




#95
Naphthalene
Concen: 22.570 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBSD01

Tgt Ion:128 Resp: 72661
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.744 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021646.D
Acq: 26 Mar 2025 14:58

Tgt Ion:180 Resp: 38192
Ion Ratio Lower Upper
180 100
182 96.1 47.2 141.6
145 32.2 16.4 49.1

