

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021630.D
 Acq On : 25 Mar 2025 12:36
 Operator : SY/MD
 Sample : VY0325SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Quant Time: Mar 26 01:35:44 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	176531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	283151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	250065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	132222	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	103748	55.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.200%	
35) Dibromofluoromethane	7.628	113	97464	52.366	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.740%	
50) Toluene-d8	10.109	98	354916	50.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.720%	
62) 4-Bromofluorobenzene	12.408	95	122981	51.304	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.600%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	28716	17.726	ug/l	90
3) Chloromethane	2.068	50	43044	18.847	ug/l	100
4) Vinyl Chloride	2.202	62	52141	20.891	ug/l	96
5) Bromomethane	2.586	94	38585	21.390	ug/l	96
6) Chloroethane	2.733	64	38504	23.344	ug/l	89
7) Trichlorofluoromethane	3.056	101	81121	23.286	ug/l	99
8) Diethyl Ether	3.452	74	21743	22.522	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	41416	20.823	ug/l	98
10) Methyl Iodide	4.007	142	37567	18.581	ug/l	98
11) Tert butyl alcohol	4.860	59	15573	116.322	ug/l	97
12) 1,1-Dichloroethene	3.787	96	36270	20.002	ug/l	98
13) Acrolein	3.653	56	7762	81.789	ug/l	95
14) Allyl chloride	4.379	41	60128	20.518	ug/l	99
15) Acrylonitrile	5.061	53	50440	122.733	ug/l	100
16) Acetone	3.867	43	36655	90.072	ug/l	90
17) Carbon Disulfide	4.104	76	91291	16.064	ug/l	98
18) Methyl Acetate	4.385	43	23486	26.010	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	104343	22.703	ug/l	99
20) Methylene Chloride	4.616	84	45582	21.338	ug/l	97
21) trans-1,2-Dichloroethene	5.104	96	40053	19.723	ug/l	90
22) Diisopropyl ether	6.013	45	142346	22.539	ug/l	99
23) Vinyl Acetate	5.958	43	399928	110.960	ug/l	100
24) 1,1-Dichloroethane	5.915	63	81980	21.994	ug/l	99
25) 2-Butanone	6.890	43	60496	107.464	ug/l	97
26) 2,2-Dichloropropane	6.878	77	66852	19.493	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	49092	21.279	ug/l	97
28) Bromochloromethane	7.238	49	33797	21.628	ug/l	100
29) Tetrahydrofuran	7.256	42	41514	119.454	ug/l	98
30) Chloroform	7.415	83	86531	22.357	ug/l	99
31) Cyclohexane	7.701	56	62315	17.833	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	75843	21.401	ug/l	99
36) 1,1-Dichloropropene	7.829	75	56805	19.498	ug/l	99
37) Ethyl Acetate	6.982	43	29583	22.974	ug/l	99
38) Carbon Tetrachloride	7.811	117	68871	20.555	ug/l	99
39) Methylcyclohexane	9.110	83	62410	17.464	ug/l	99
40) Benzene	8.079	78	171451	19.978	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	15644	22.312	ug/l #	92
42) 1,2-Dichloroethane	8.158	62	52741	21.967	ug/l	100
43) Isopropyl Acetate	8.195	43	56559	22.626	ug/l #	87
44) Trichloroethene	8.866	130	44397	20.472	ug/l	93
45) 1,2-Dichloropropane	9.140	63	44210	21.645	ug/l	99
46) Dibromomethane	9.231	93	26168	23.025	ug/l	97
47) Bromodichloromethane	9.420	83	66249	21.950	ug/l	98
48) Methyl methacrylate	9.219	41	25028	21.804	ug/l	98
49) 1,4-Dioxane	9.225	88	5816	521.380	ug/l #	89
51) 4-Methyl-2-Pentanone	10.000	43	152367	118.137	ug/l	99
52) Toluene	10.170	92	111579	20.622	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	55655	20.930	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	66554	21.081	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	34878	23.461	ug/l	97
56) Ethyl methacrylate	10.439	69	41111	21.683	ug/l	98
57) 1,3-Dichloropropane	10.713	76	57134	22.174	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	96365	110.101	ug/l	99
59) 2-Hexanone	10.762	43	98176	115.120	ug/l	99
60) Dibromochloromethane	10.914	129	46468	22.800	ug/l	99
61) 1,2-Dibromoethane	11.018	107	30921	22.038	ug/l	100
64) Tetrachloroethene	10.646	164	49319	24.254	ug/l	98
65) Chlorobenzene	11.444	112	121952	20.652	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	45445	21.767	ug/l	98
67) Ethyl Benzene	11.518	91	205518	19.829	ug/l	99
68) m/p-Xylenes	11.627	106	158750	40.343	ug/l	100
69) o-Xylene	11.957	106	73638	20.305	ug/l	99
70) Styrene	11.969	104	125265	20.821	ug/l	99
71) Bromoform	12.133	173	27077	23.201	ug/l #	100
73) Isopropylbenzene	12.255	105	203137	19.503	ug/l	100
74) N-amyl acetate	12.072	43	46989	20.774	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	39089	21.267	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	51432	38.602	ug/l #	100
77) Bromobenzene	12.536	156	49214	20.197	ug/l	99
78) n-propylbenzene	12.597	91	246203	19.464	ug/l	100
79) 2-Chlorotoluene	12.682	91	144142	19.929	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	167672	19.809	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11184	19.082	ug/l	97
82) 4-Chlorotoluene	12.780	91	151082	20.172	ug/l	98
83) tert-Butylbenzene	12.999	119	148747	19.699	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	167186	19.894	ug/l	100
85) sec-Butylbenzene	13.176	105	224835	20.013	ug/l	99
86) p-Isopropyltoluene	13.292	119	185291	20.019	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	99696	20.554	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	98800	20.828	ug/l	100
89) n-Butylbenzene	13.621	91	169151	19.791	ug/l	100
90) Hexachloroethane	13.877	117	41721	21.130	ug/l	98
91) 1,2-Dichlorobenzene	13.658	146	89456	21.518	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6323	22.966	ug/l	92
93) 1,2,4-Trichlorobenzene	14.926	180	48445	21.335	ug/l	98
94) Hexachlorobutadiene	15.023	225	30799	21.638	ug/l	99
95) Naphthalene	15.145	128	78521	22.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	41642	21.805	ug/l	97

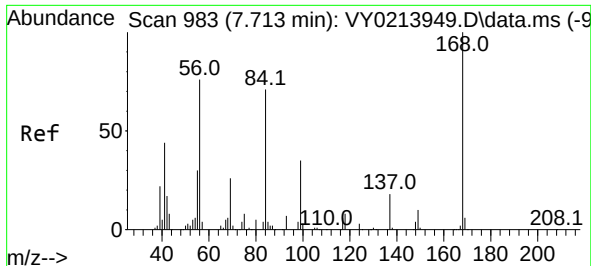
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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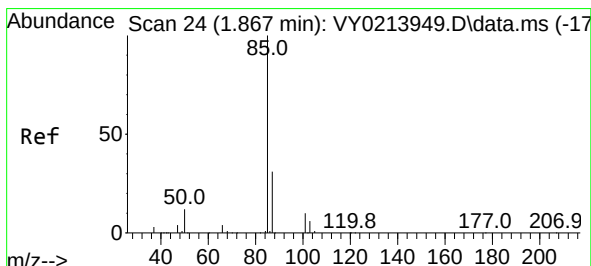
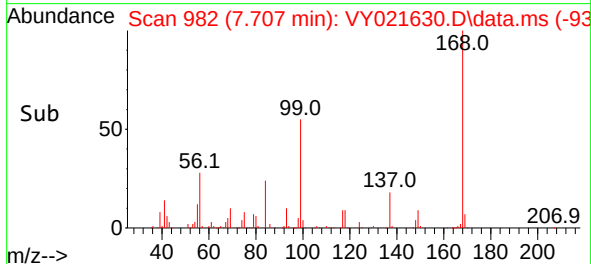
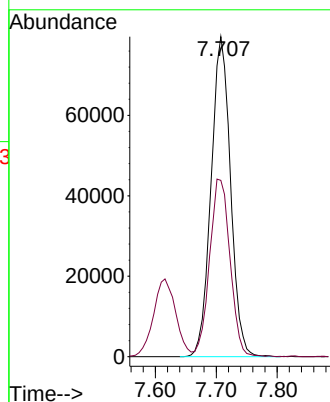
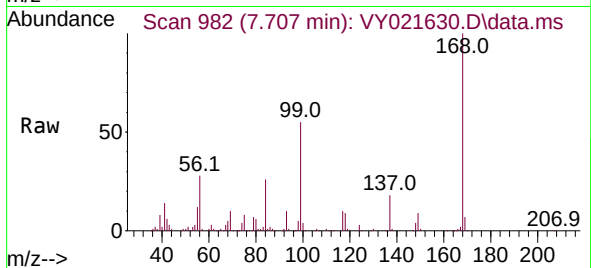
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

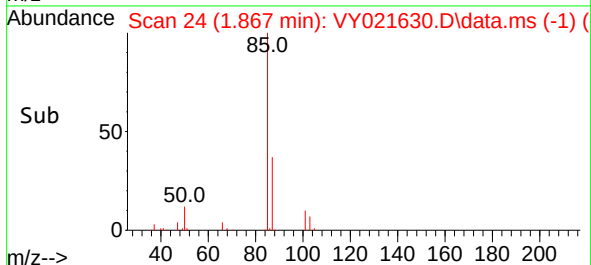
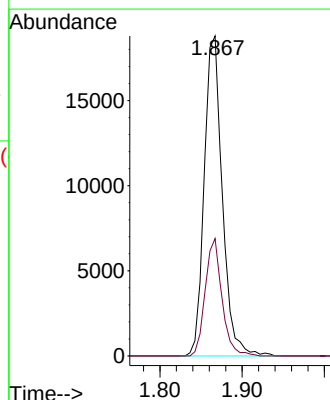
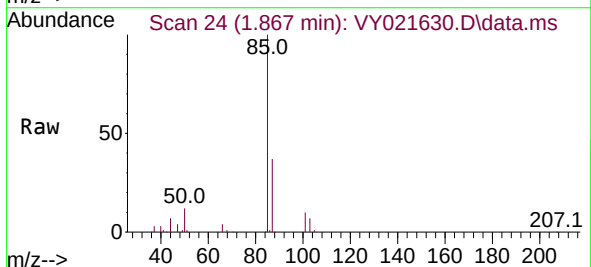
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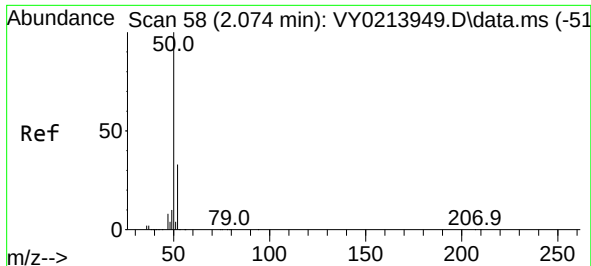
Tgt Ion:168 Resp: 176531
Ion Ratio Lower Upper
168 100
99 55.0 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 17.726 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 85 Resp: 28716
Ion Ratio Lower Upper
85 100
87 36.7 15.7 47.0

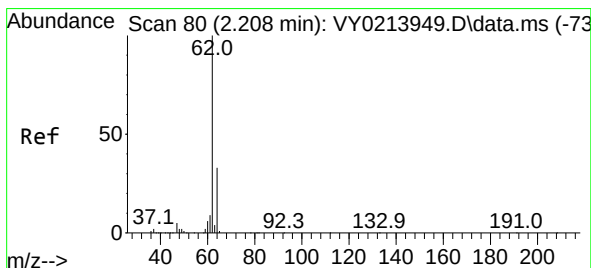
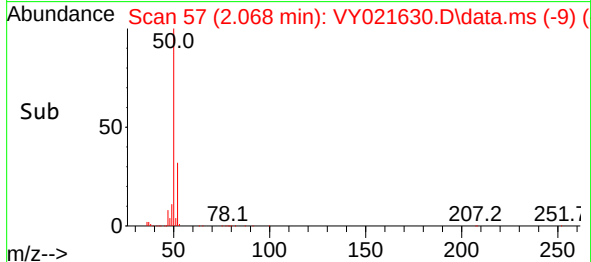
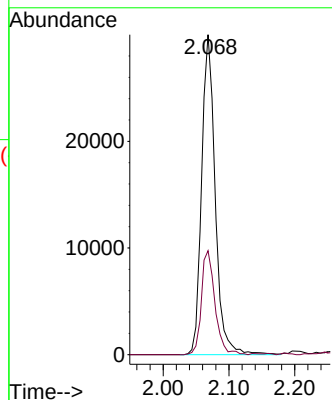
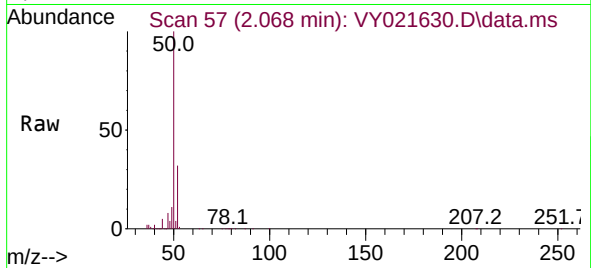




#3
Chloromethane
Concen: 18.847 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

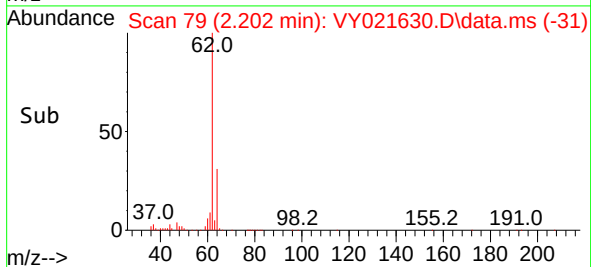
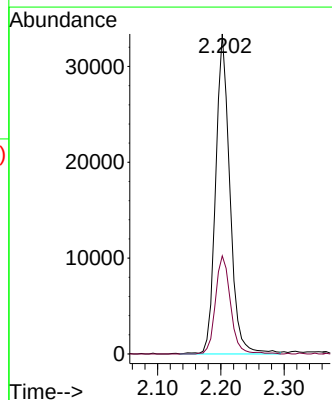
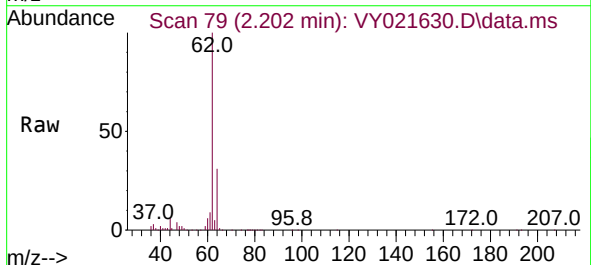
Instrument :
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ClientSampleId :
VY0325SBS01

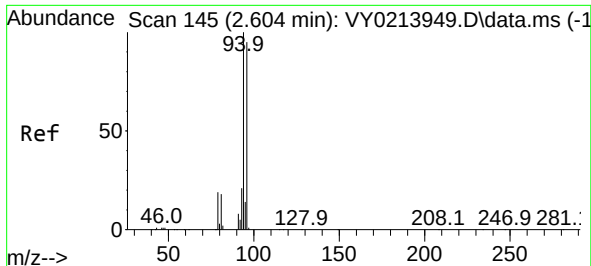
Tgt Ion: 50 Resp: 43044
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.2



#4
Vinyl Chloride
Concen: 20.891 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 62 Resp: 52141
Ion Ratio Lower Upper
62 100
64 30.7 26.2 39.2

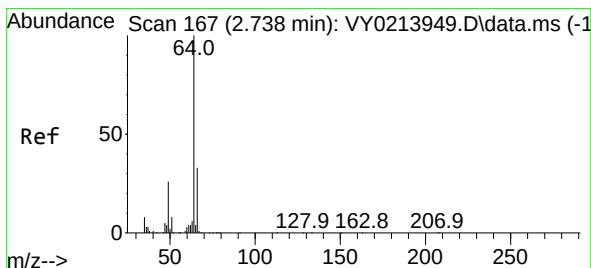
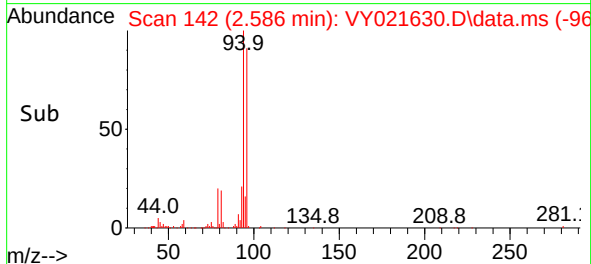
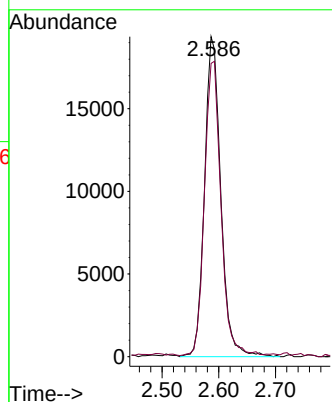
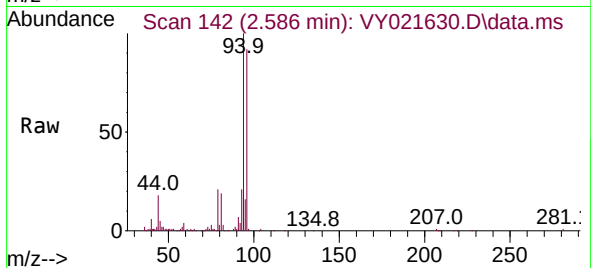




#5
Bromomethane
Concen: 21.390 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

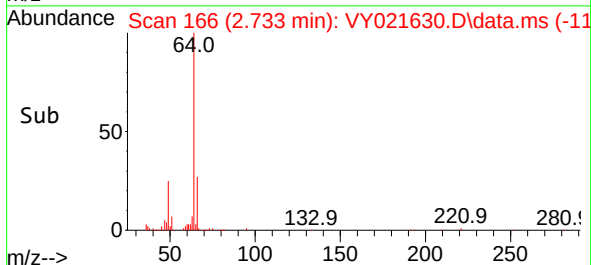
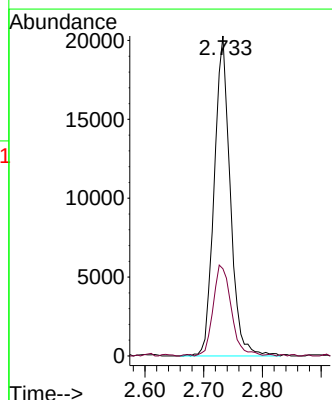
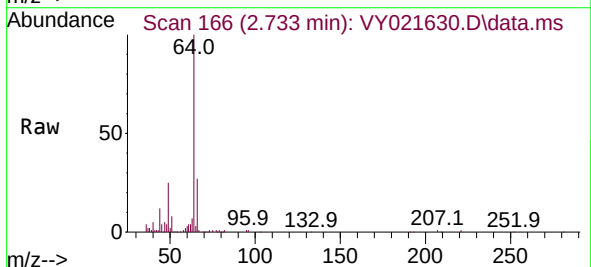
Instrument :
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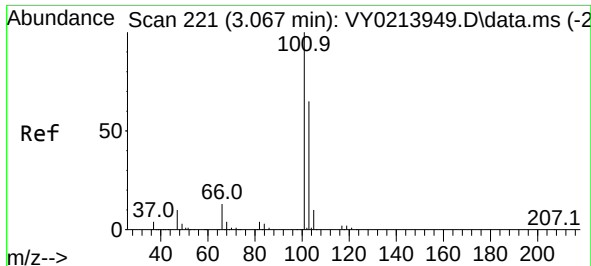
Tgt Ion: 94 Resp: 38585
Ion Ratio Lower Upper
94 100
96 91.3 76.3 114.5



#6
Chloroethane
Concen: 23.344 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 64 Resp: 38504
Ion Ratio Lower Upper
64 100
66 27.3 26.7 40.1

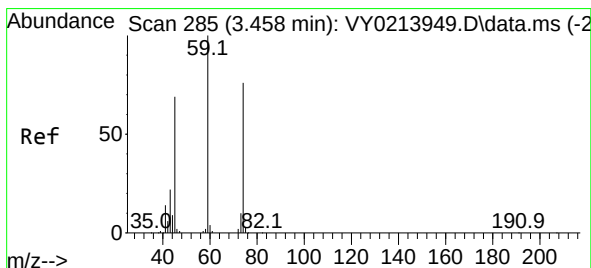
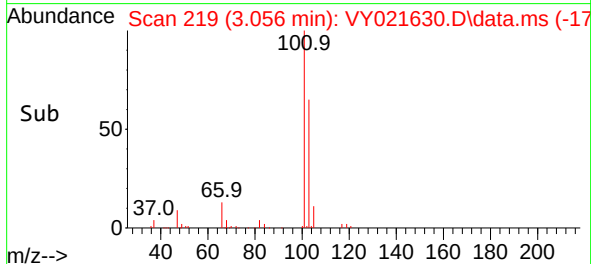
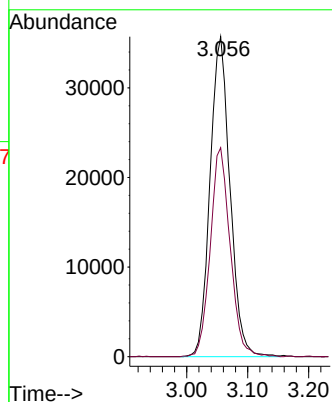
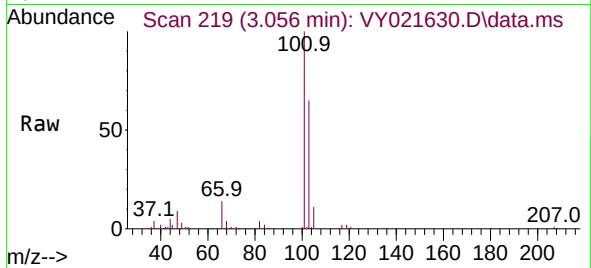




#7
 Trichlorofluoromethane
 Concen: 23.286 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY021630.D
 Acq: 25 Mar 2025 12:36

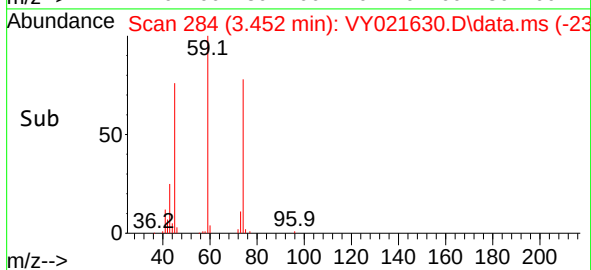
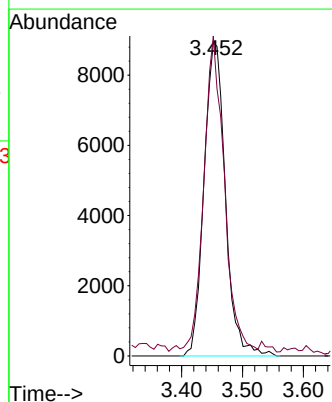
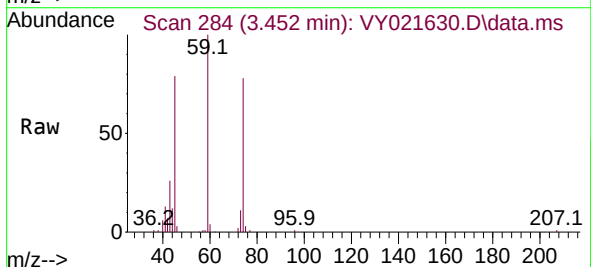
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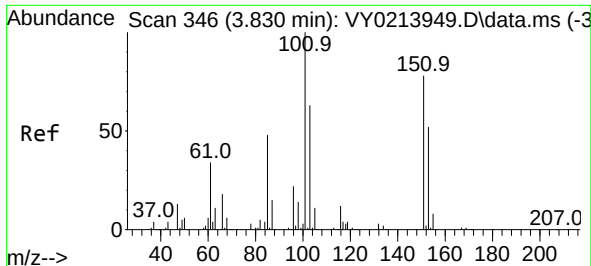
Tgt Ion:101 Resp: 81121
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.7 77.5



#8
 Diethyl Ether
 Concen: 22.522 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021630.D
 Acq: 25 Mar 2025 12:36

Tgt Ion: 74 Resp: 21743
 Ion Ratio Lower Upper
 74 100
 45 94.8 49.7 149.1

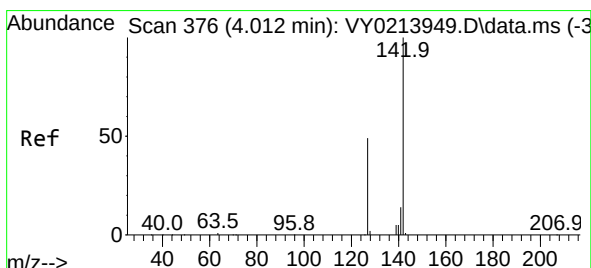
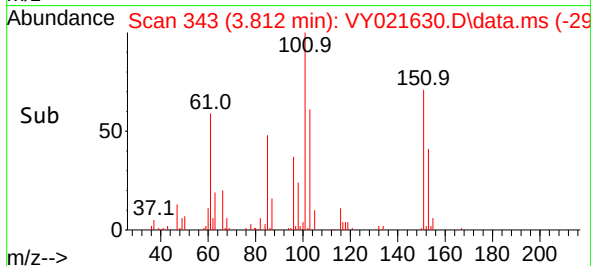
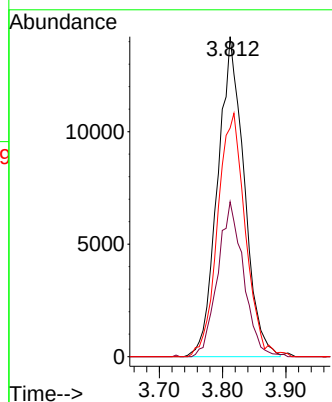
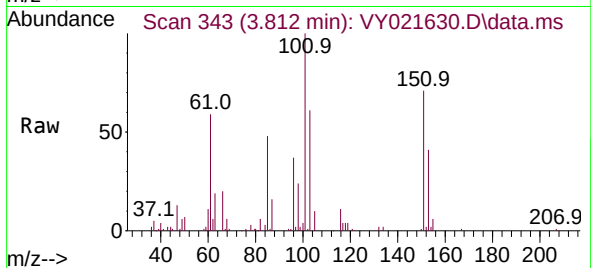




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.823 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021630.D
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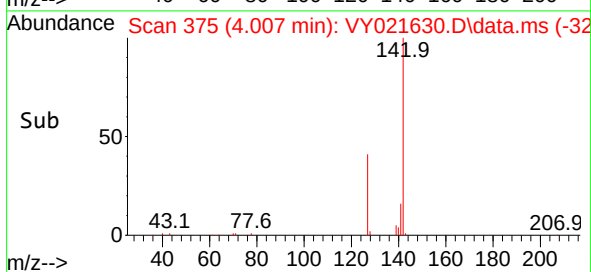
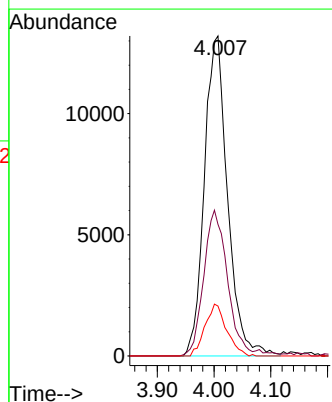
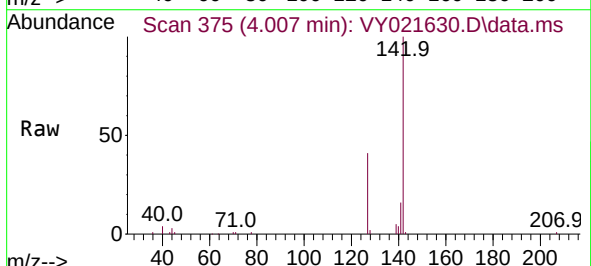
Instrument :
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ClientSampleId :
VY0325SBS01

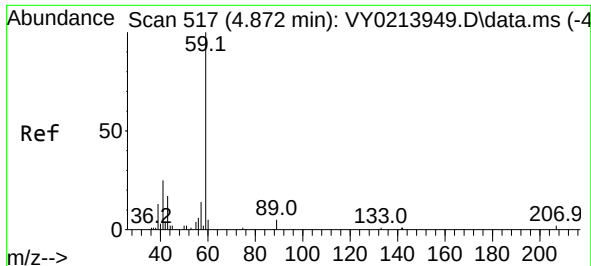
Tgt Ion:101 Resp: 41416
Ion Ratio Lower Upper
101 100
85 47.1 37.1 55.7
151 79.4 62.1 93.1



#10
Methyl Iodide
Concen: 18.581 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion:142 Resp: 37567
Ion Ratio Lower Upper
142 100
127 47.5 39.1 58.7
141 15.1 11.8 17.6

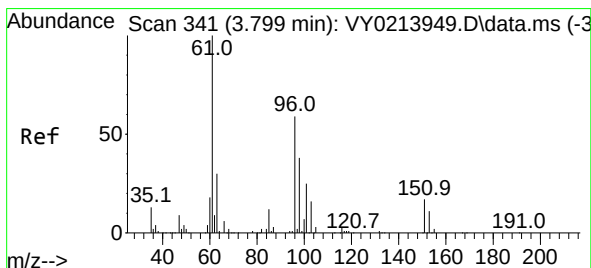
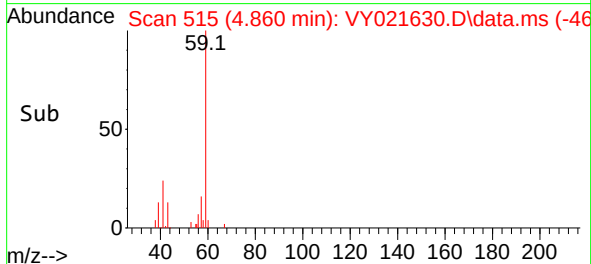
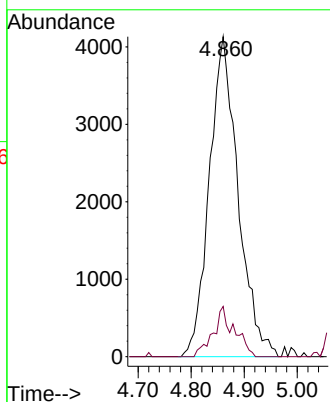
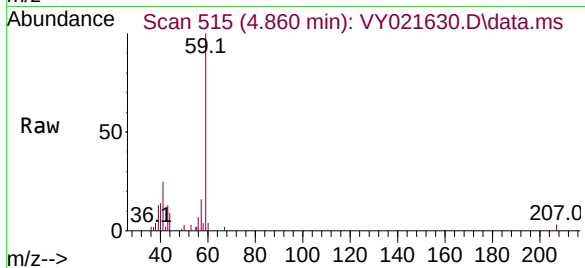




#11
Tert butyl alcohol
Concen: 116.322 ug/l
RT: 4.860 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

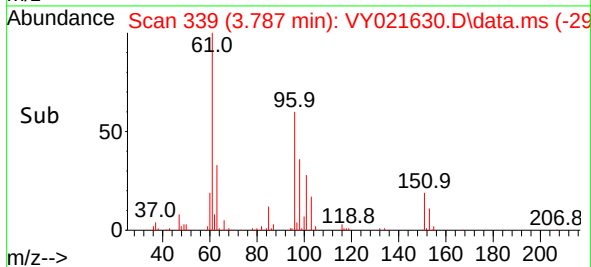
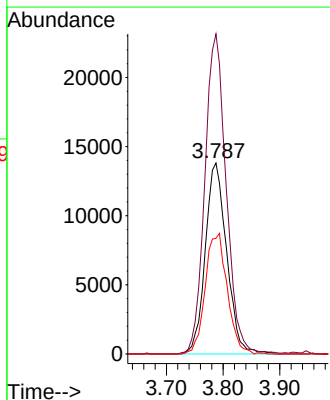
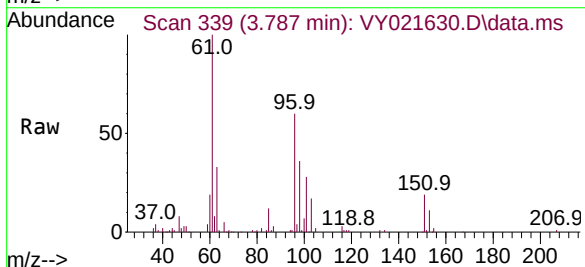
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

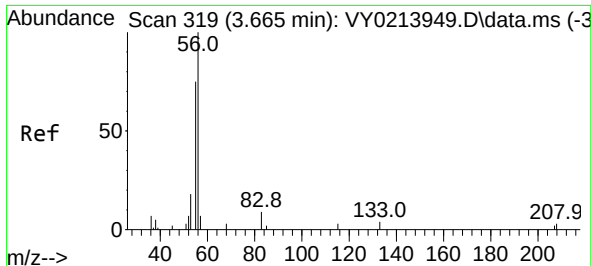
Tgt Ion: 59 Resp: 15573
Ion Ratio Lower Upper
59 100
57 11.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.002 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 96 Resp: 36270
Ion Ratio Lower Upper
96 100
61 167.6 135.2 202.8
98 60.6 51.4 77.2

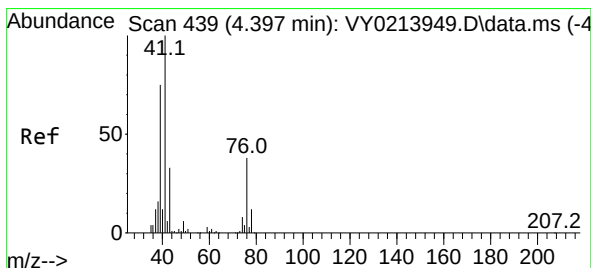
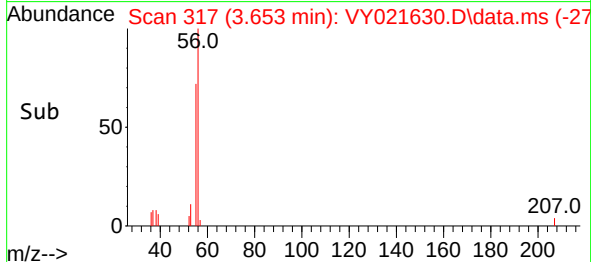
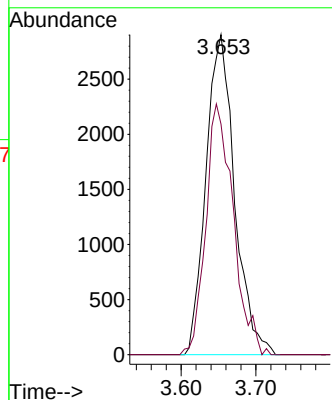
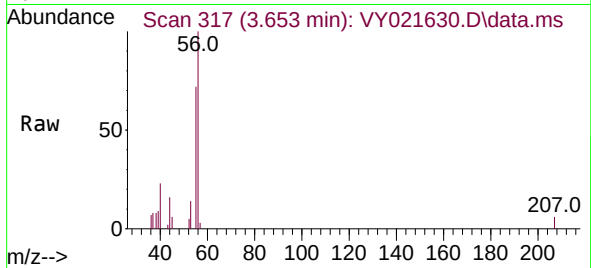




#13
Acrolein
Concen: 81.789 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

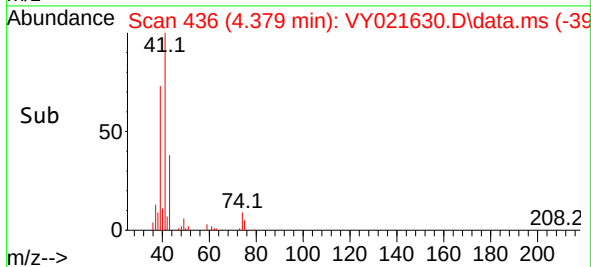
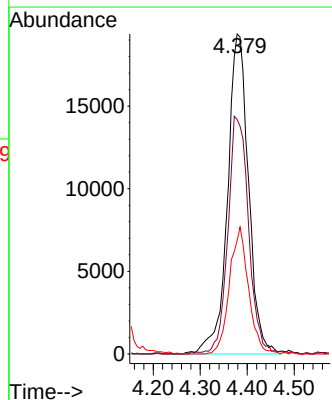
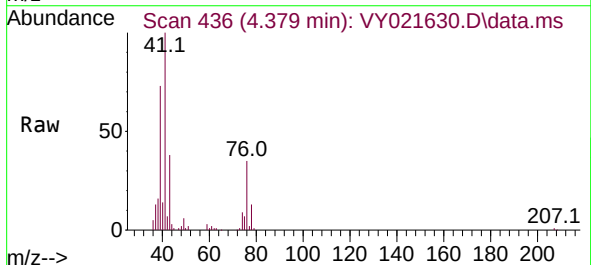
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

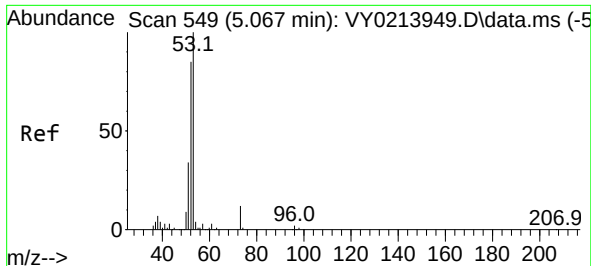
Tgt Ion: 56 Resp: 7762
Ion Ratio Lower Upper
56 100
55 74.9 63.4 95.2



#14
Allyl chloride
Concen: 20.518 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 41 Resp: 60128
Ion Ratio Lower Upper
41 100
39 73.3 59.3 88.9
76 35.9 29.8 44.8





#15

Acrylonitrile

Concen: 122.733 ug/l

RT: 5.061 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

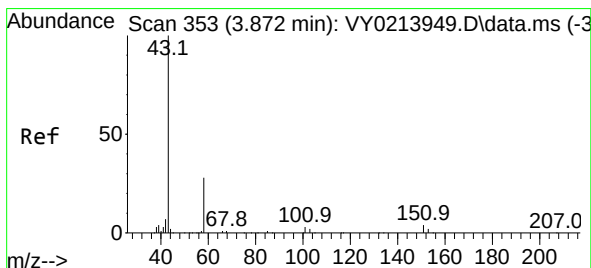
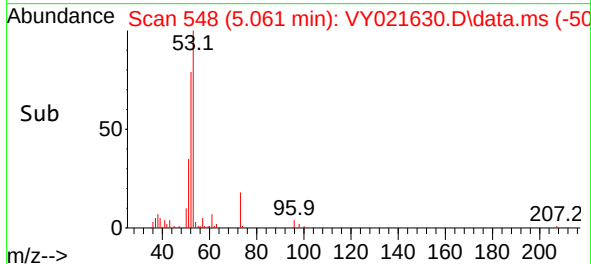
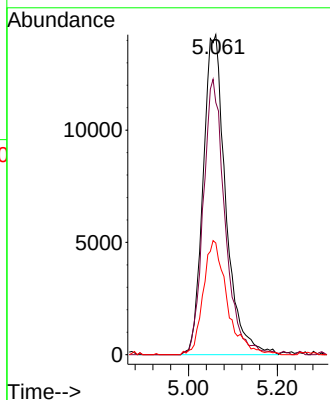
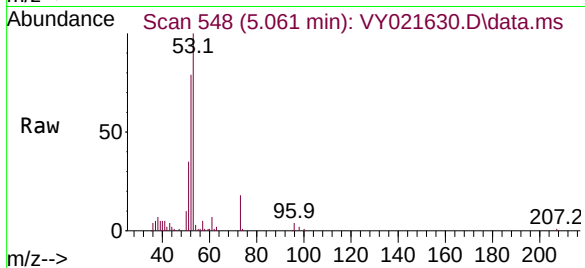
Tgt Ion: 53 Resp: 50440

Ion Ratio Lower Upper

53 100

52 82.7 66.3 99.5

51 37.9 30.3 45.5



#16

Acetone

Concen: 90.072 ug/l

RT: 3.867 min Scan# 352

Delta R.T. -0.005 min

Lab File: VY021630.D

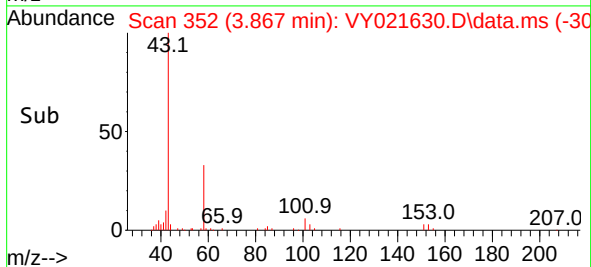
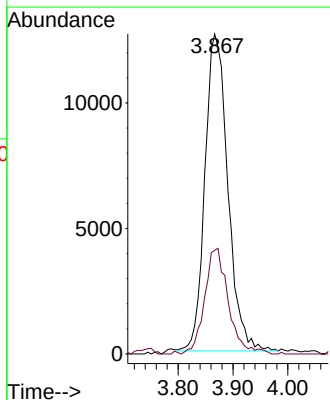
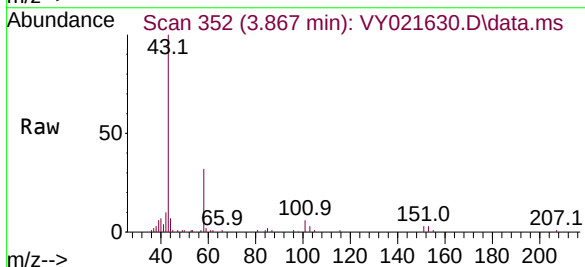
Acq: 25 Mar 2025 12:36

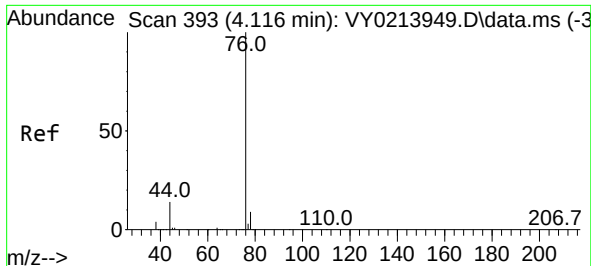
Tgt Ion: 43 Resp: 36655

Ion Ratio Lower Upper

43 100

58 32.7 22.1 33.1

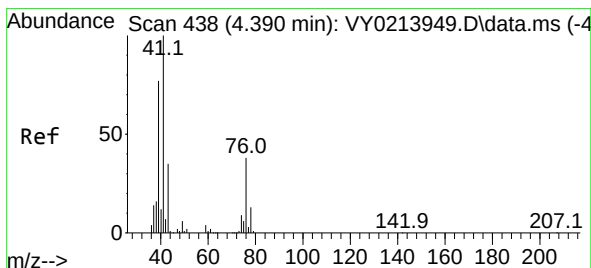
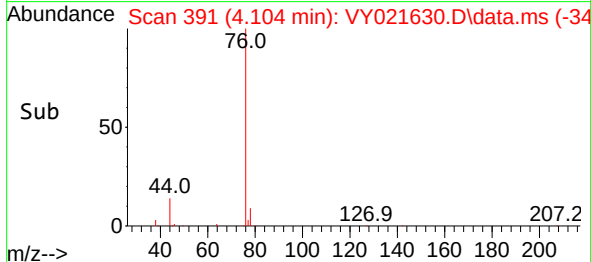
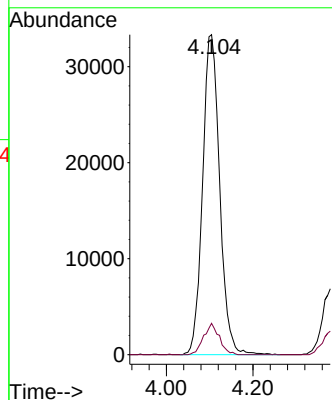
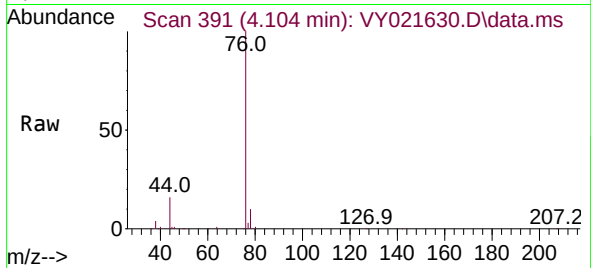




#17
Carbon Disulfide
Concen: 16.064 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

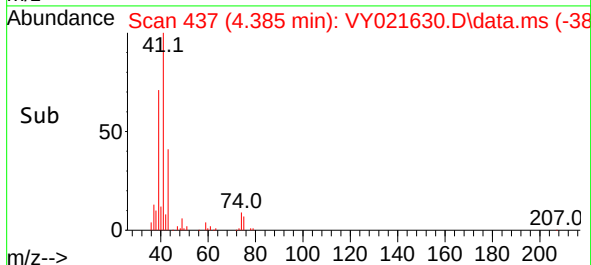
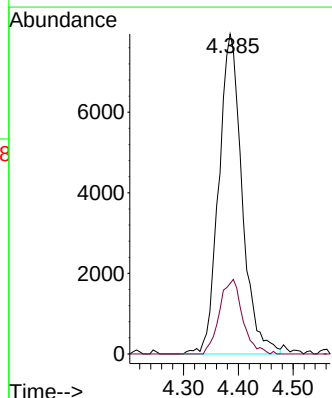
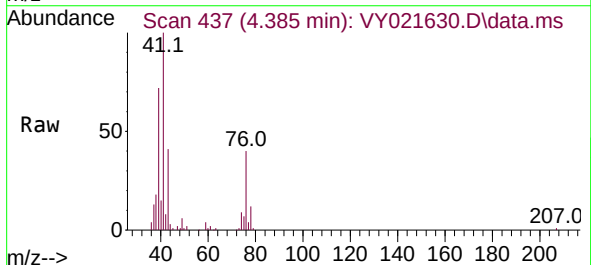
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

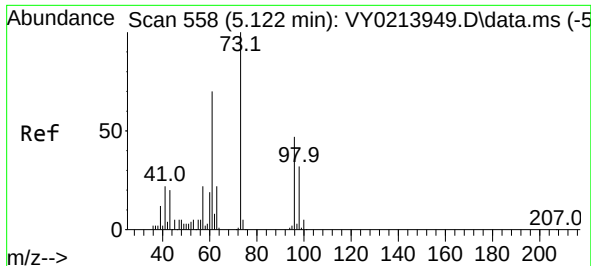
Tgt Ion: 76 Resp: 91291
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 26.010 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 43 Resp: 23486
Ion Ratio Lower Upper
43 100
74 23.0 19.4 29.0

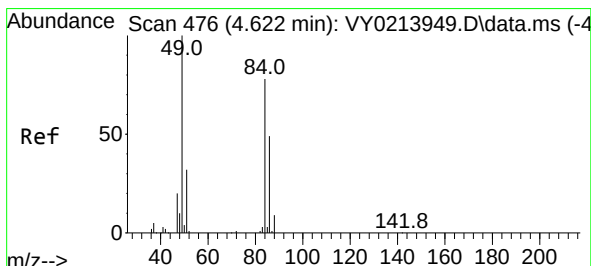
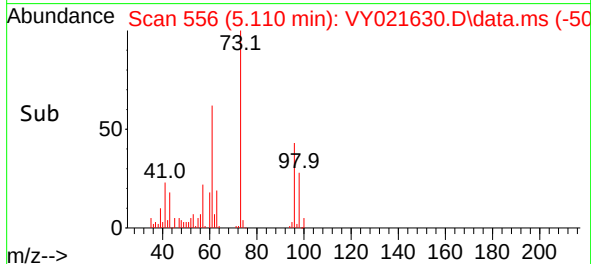
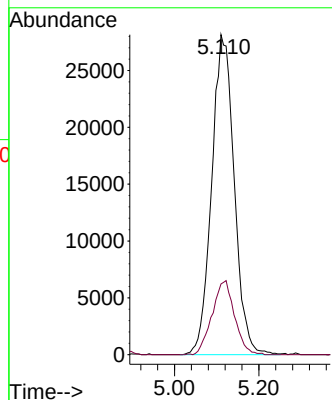
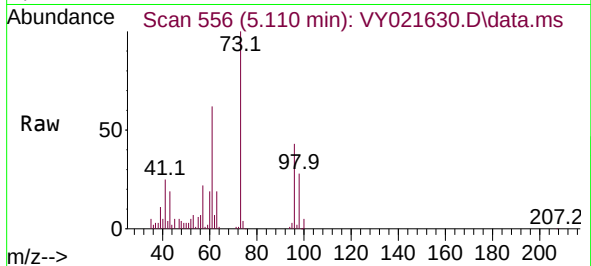




#19
Methyl tert-butyl Ether
Concen: 22.703 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

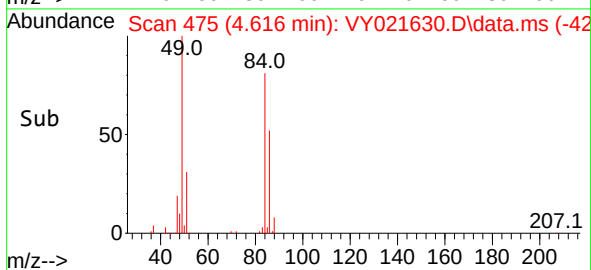
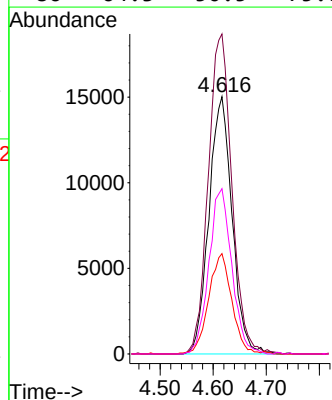
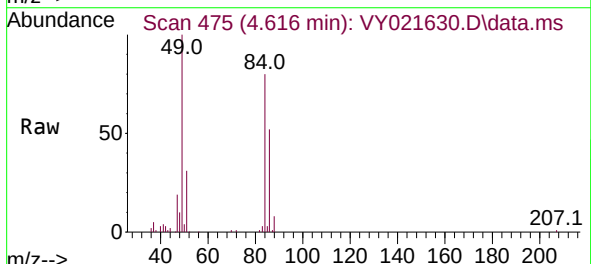
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

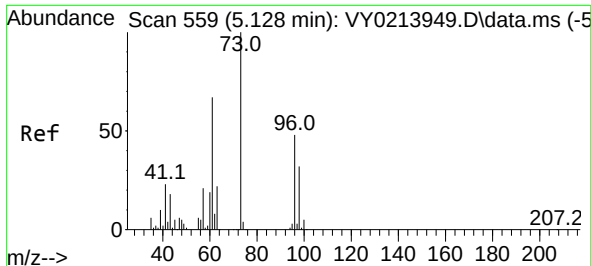
Tgt Ion: 73 Resp: 104343
Ion Ratio Lower Upper
73 100
57 22.1 17.9 26.9



#20
Methylene Chloride
Concen: 21.338 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 84 Resp: 45582
Ion Ratio Lower Upper
84 100
49 124.4 102.0 153.0
51 39.0 33.0 49.6
86 64.3 50.5 75.7

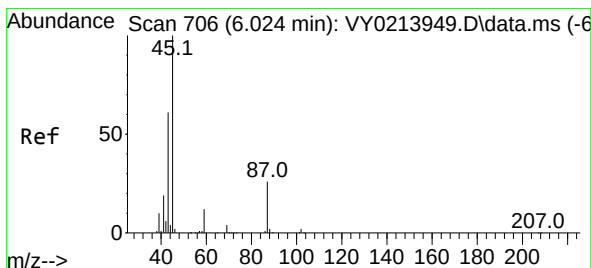
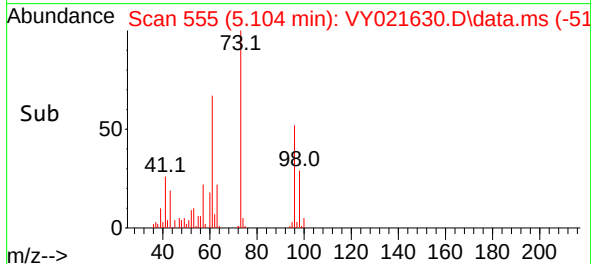
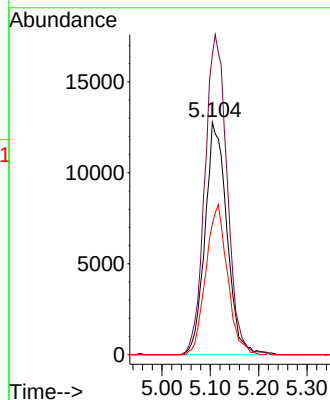
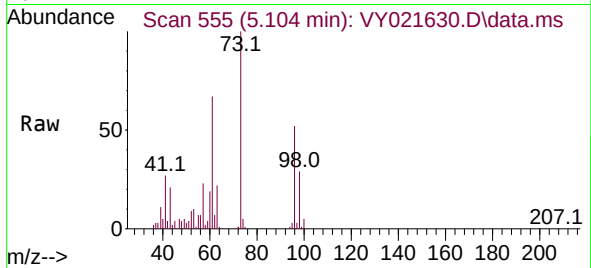




#21
trans-1,2-Dichloroethene
Concen: 19.723 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

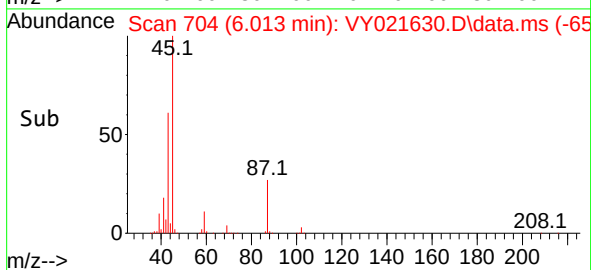
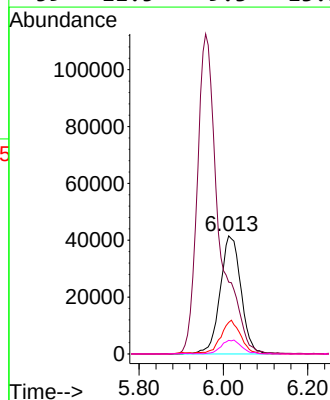
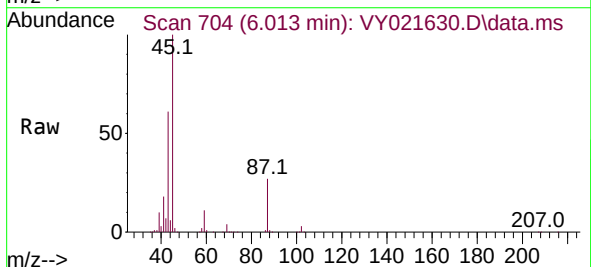
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

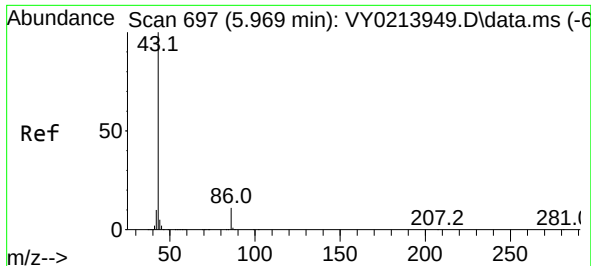
Tgt Ion: 96 Resp: 40053
Ion Ratio Lower Upper
96 100
61 129.0 111.5 167.3
98 56.2 53.8 80.8



#22
Diisopropyl ether
Concen: 22.539 ug/l
RT: 6.013 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 45 Resp: 142346
Ion Ratio Lower Upper
45 100
43 60.0 48.7 73.1
87 26.7 21.5 32.3
59 11.5 9.3 13.9

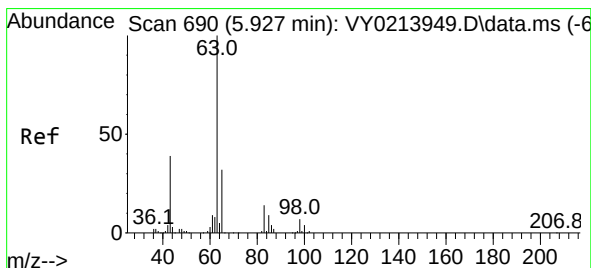
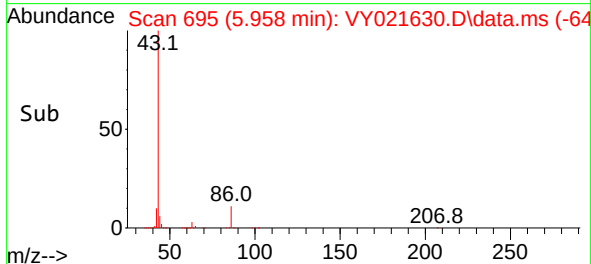
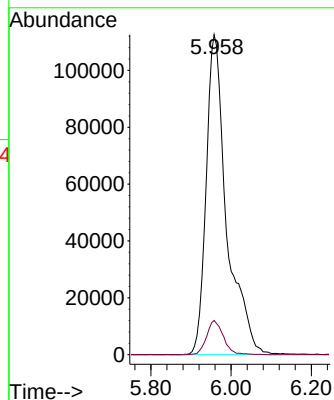
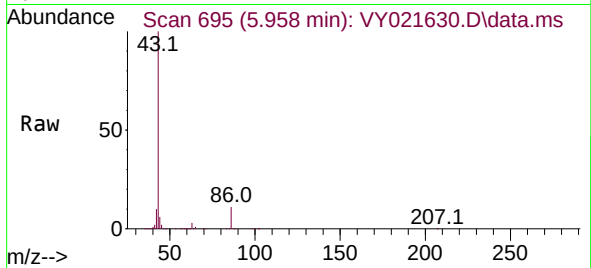




#23
 Vinyl Acetate
 Concen: 110.960 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021630.D
 Acq: 25 Mar 2025 12:36

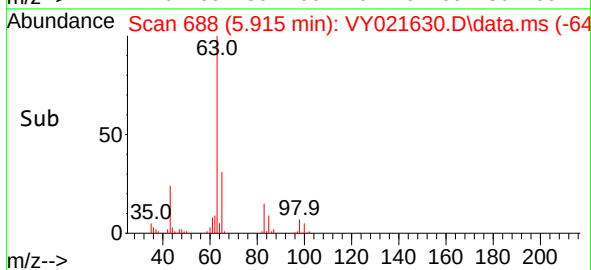
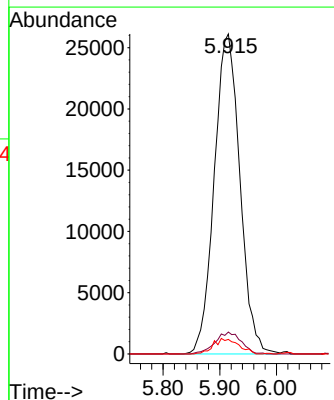
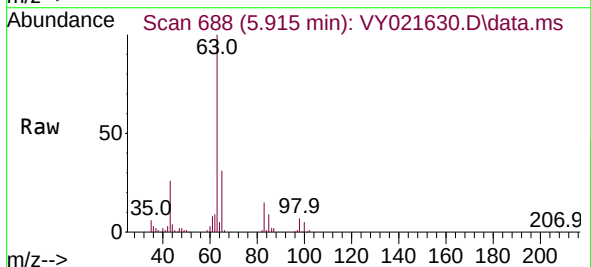
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

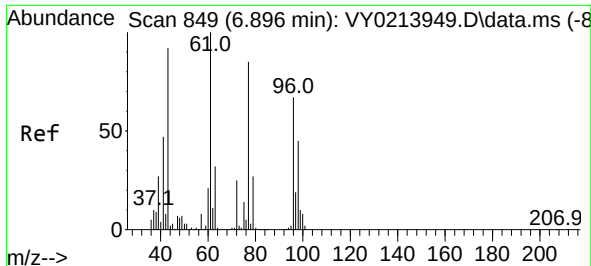
Tgt Ion: 43 Resp: 399928
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 21.994 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021630.D
 Acq: 25 Mar 2025 12:36

Tgt Ion: 63 Resp: 81980
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.5 2.1 6.5

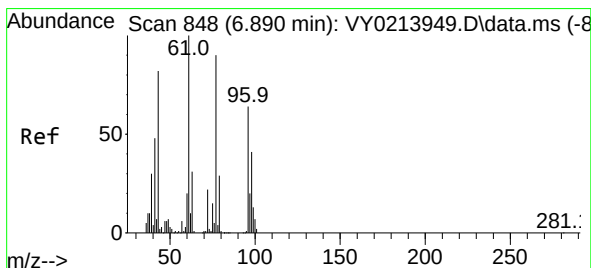
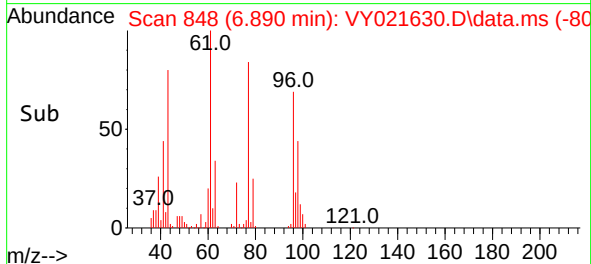
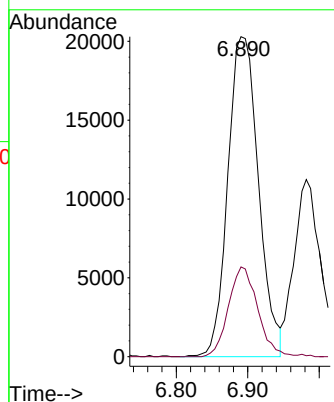
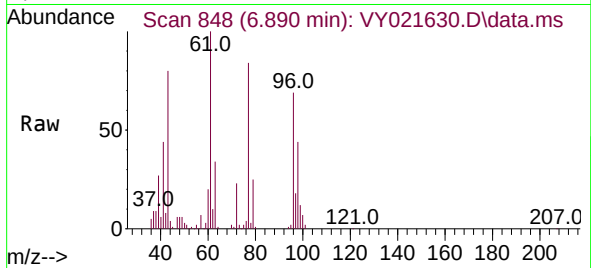




#25
2-Butanone
Concen: 107.464 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

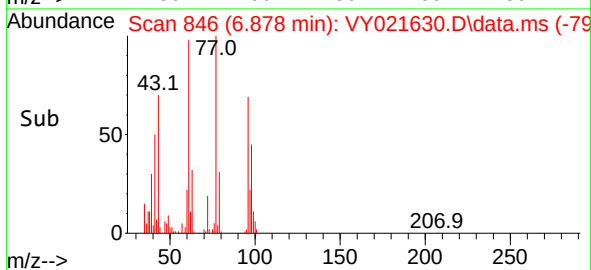
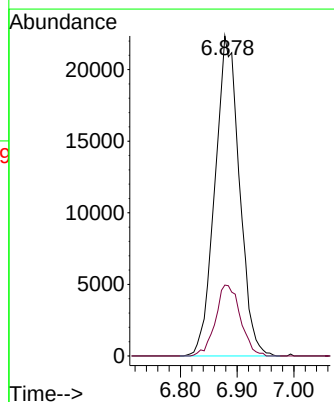
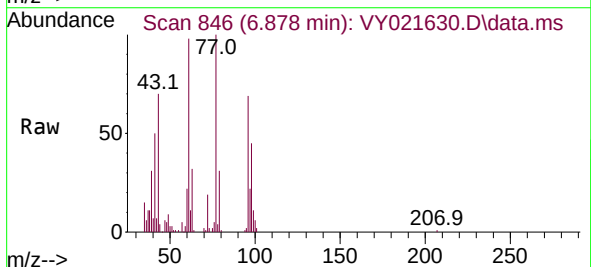
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

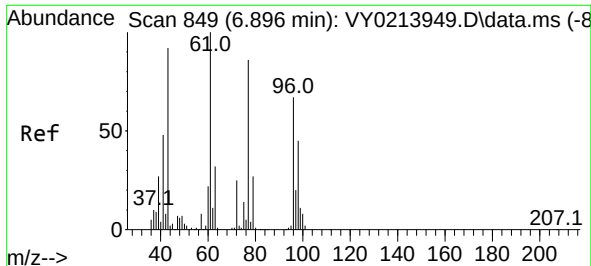
Tgt Ion: 43 Resp: 60496
Ion Ratio Lower Upper
43 100
72 28.1 21.4 32.0



#26
2,2-Dichloropropane
Concen: 19.493 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 77 Resp: 66852
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 21.279 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

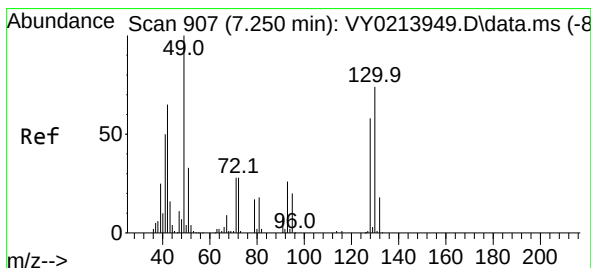
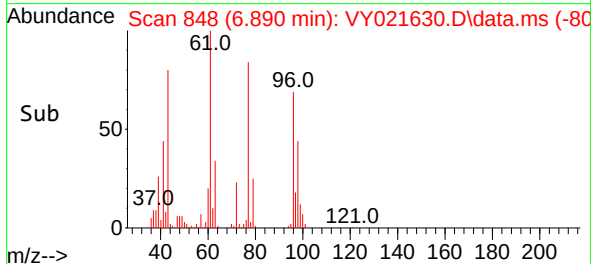
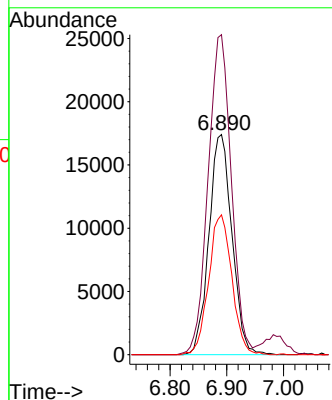
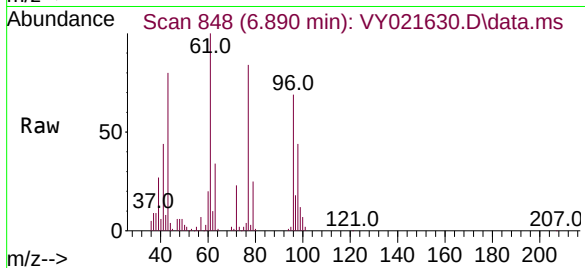
Tgt Ion: 96 Resp: 49092

Ion Ratio Lower Upper

96 100

61 146.5 0.0 300.8

98 64.0 0.0 130.0



#28

Bromochloromethane

Concen: 21.628 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

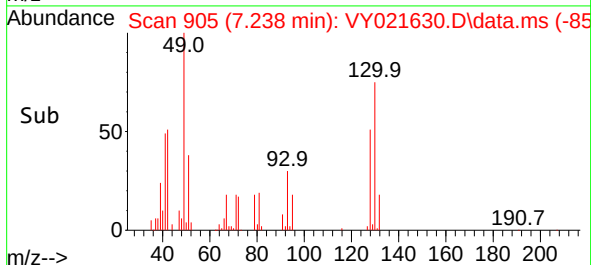
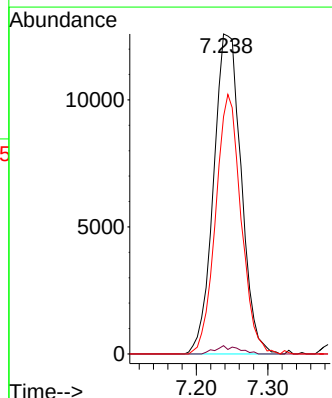
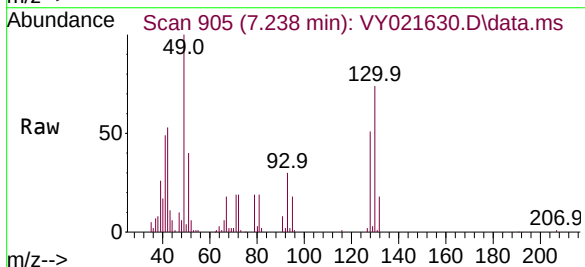
Tgt Ion: 49 Resp: 33797

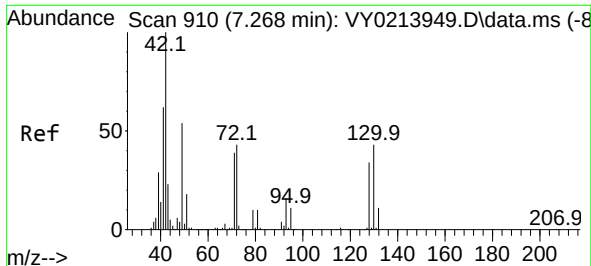
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 74.7 59.6 89.4





#29

Tetrahydrofuran

Concen: 119.454 ug/l

RT: 7.256 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

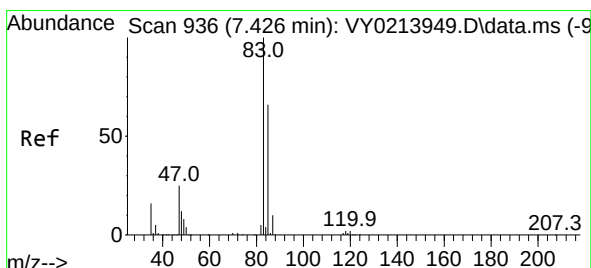
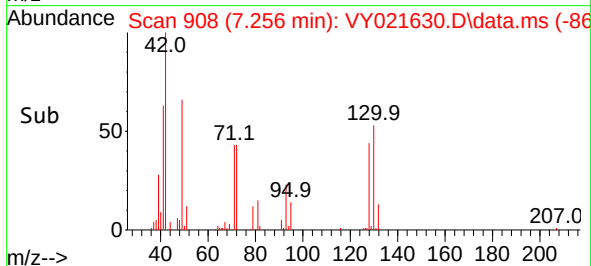
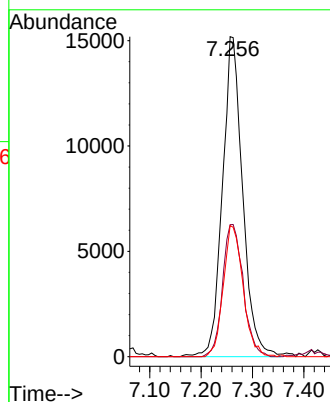
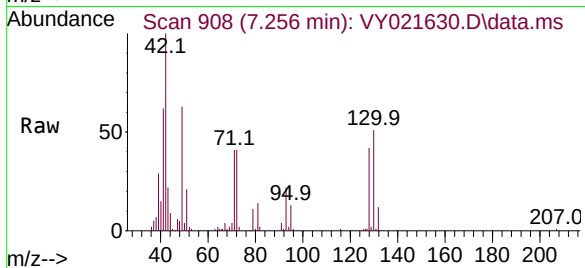
Tgt Ion: 42 Resp: 41514

Ion Ratio Lower Upper

42 100

72 41.9 34.8 52.2

71 39.9 32.6 48.8



#30

Chloroform

Concen: 22.357 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY021630.D

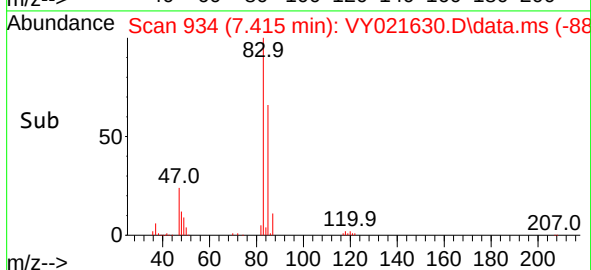
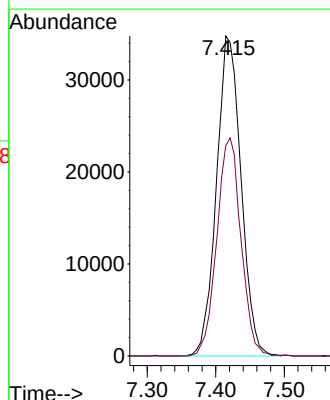
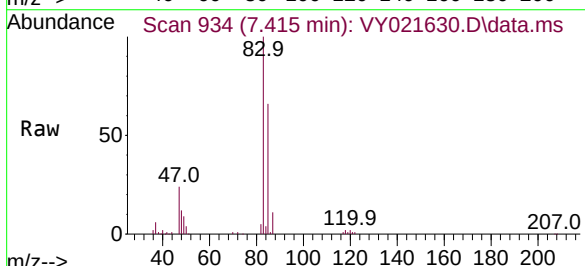
Acq: 25 Mar 2025 12:36

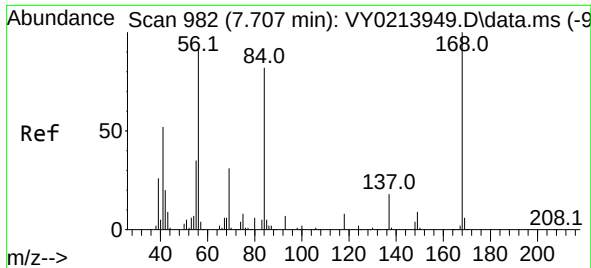
Tgt Ion: 83 Resp: 86531

Ion Ratio Lower Upper

83 100

85 65.7 53.1 79.7

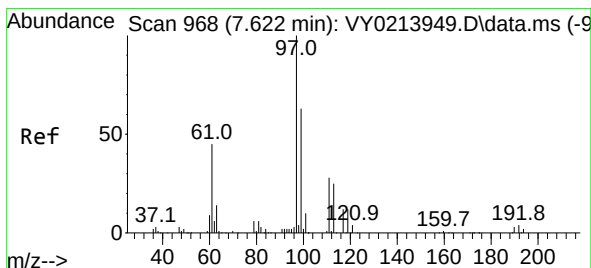
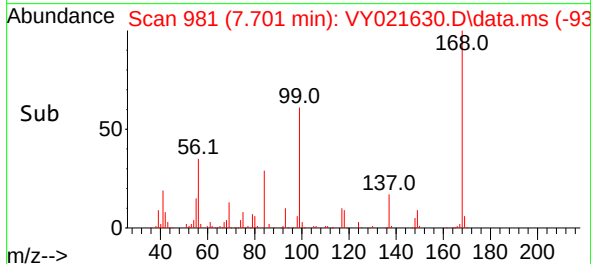
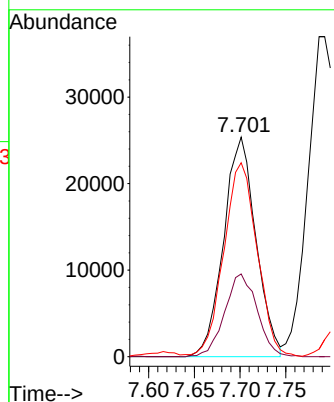
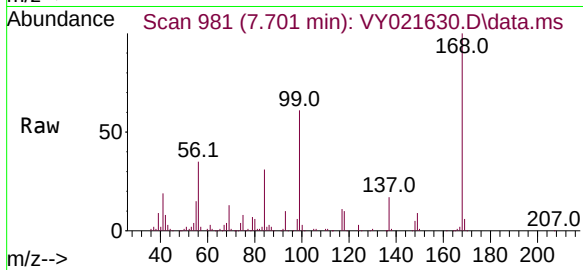




#31
Cyclohexane
Concen: 17.833 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

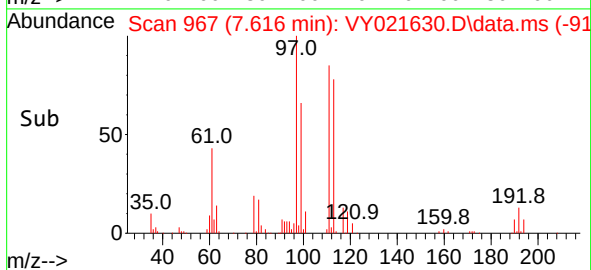
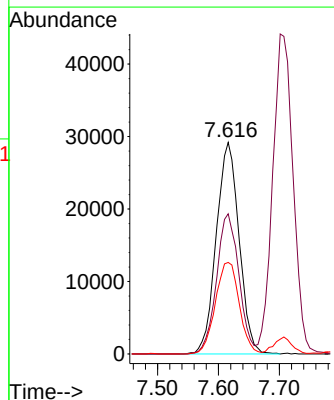
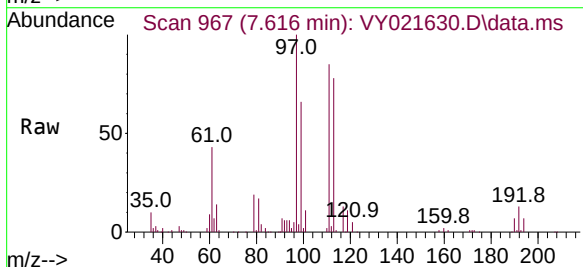
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

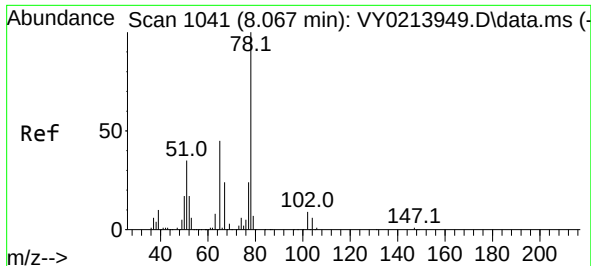
Tgt Ion: 56 Resp: 62315
Ion Ratio Lower Upper
56 100
69 37.7 27.0 40.4
84 87.5 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 21.401 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 97 Resp: 75843
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 45.4 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 55.604 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

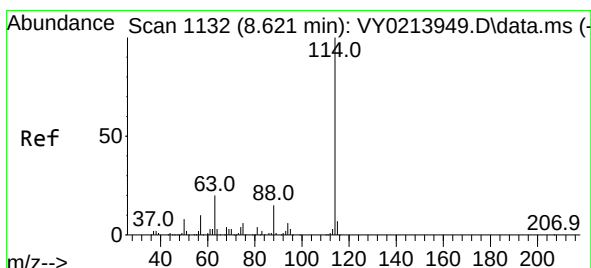
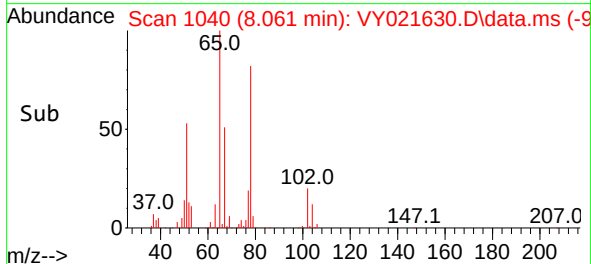
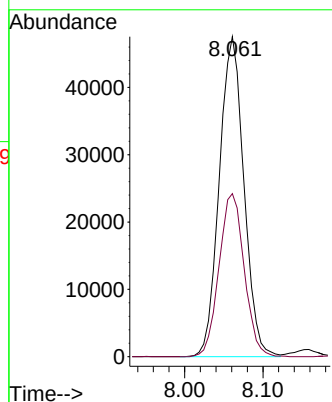
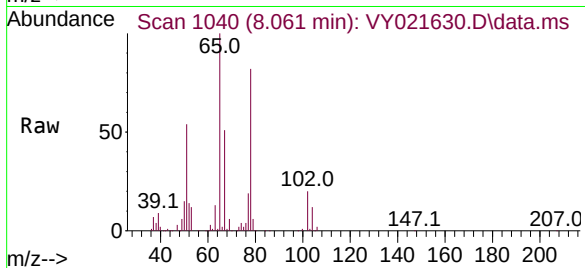
VY0325SBS01

Tgt Ion: 65 Resp: 103748

Ion Ratio Lower Upper

65 100

67 52.1 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: VY021630.D

Acq: 25 Mar 2025 12:36

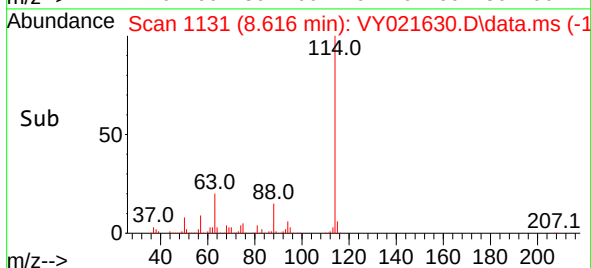
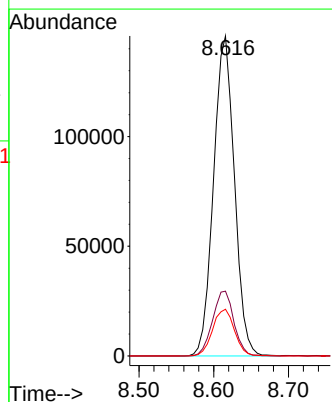
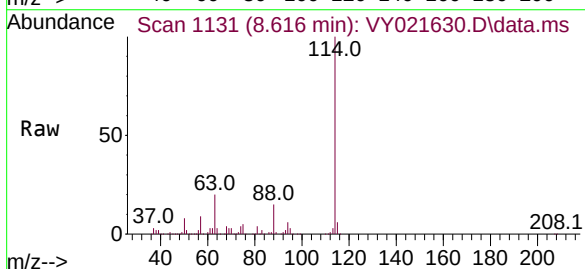
Tgt Ion:114 Resp: 283151

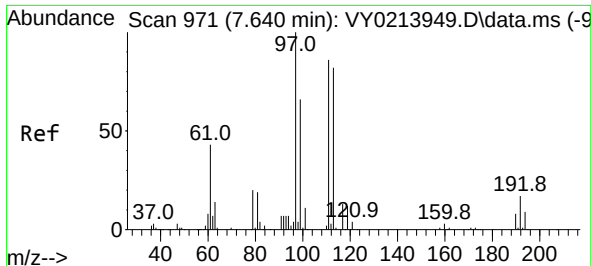
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 14.6 0.0 30.8

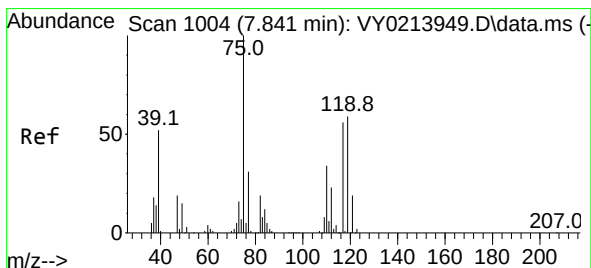
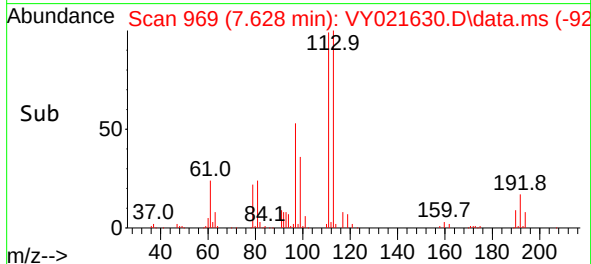
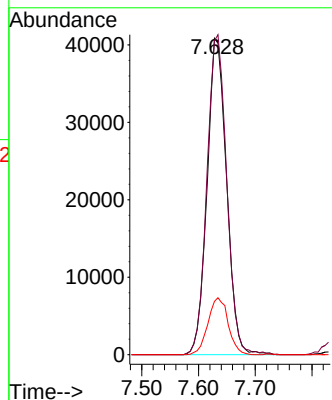
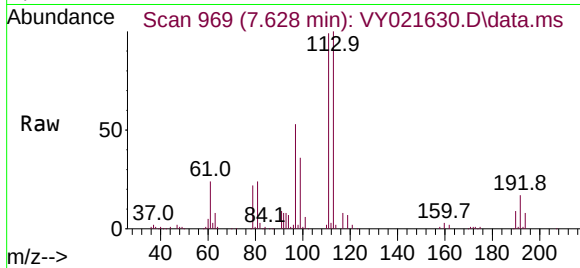




#35
 Dibromofluoromethane
 Concen: 52.366 ug/l
 RT: 7.628 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VY021630.D
 Acq: 25 Mar 2025 12:36

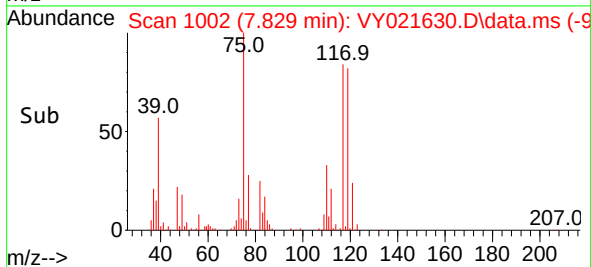
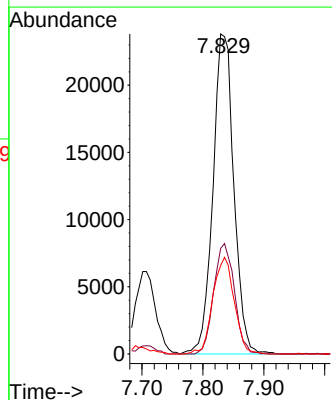
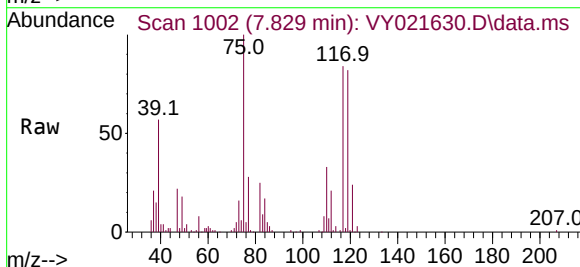
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

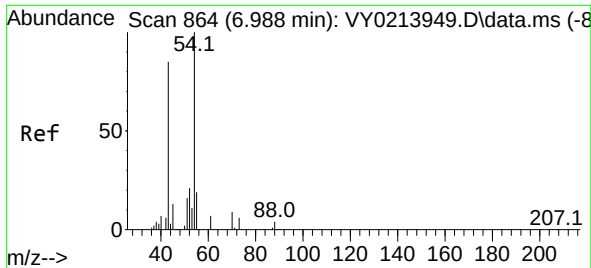
Tgt Ion:113 Resp: 97464
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.0 123.0
 192 18.7 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 19.498 ug/l
 RT: 7.829 min Scan# 1002
 Delta R.T. -0.012 min
 Lab File: VY021630.D
 Acq: 25 Mar 2025 12:36

Tgt Ion: 75 Resp: 56805
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.3 51.7
 77 30.9 25.4 38.2





#37

Ethyl Acetate

Concen: 22.974 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

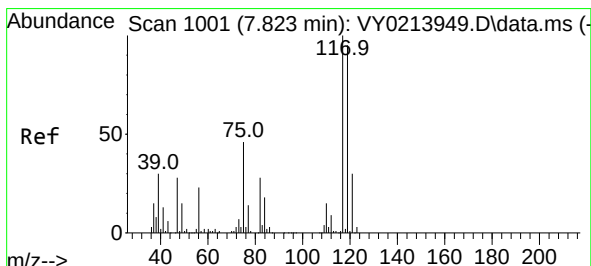
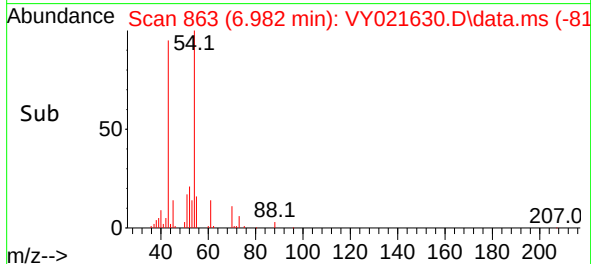
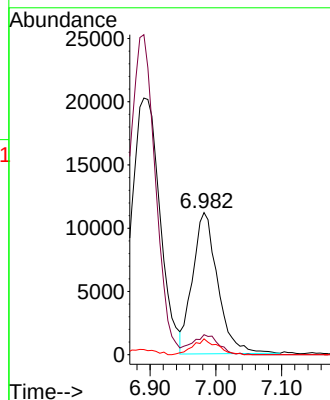
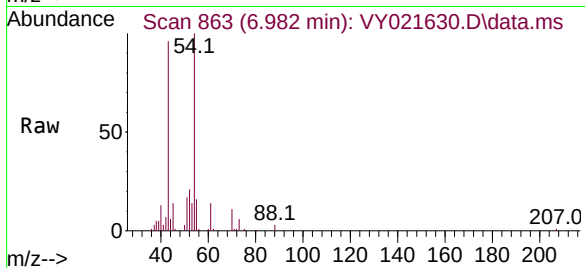
Tgt Ion: 43 Resp: 29583

Ion Ratio Lower Upper

43 100

61 14.3 11.4 17.0

70 10.7 8.2 12.2



#38

Carbon Tetrachloride

Concen: 20.555 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

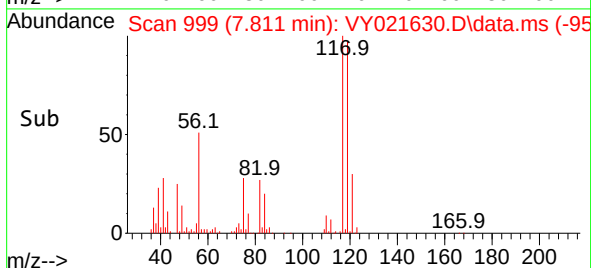
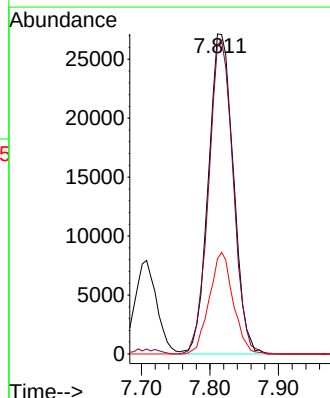
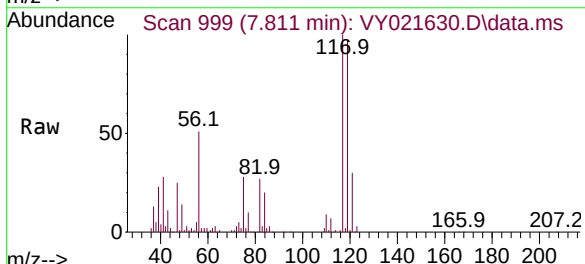
Tgt Ion: 117 Resp: 68871

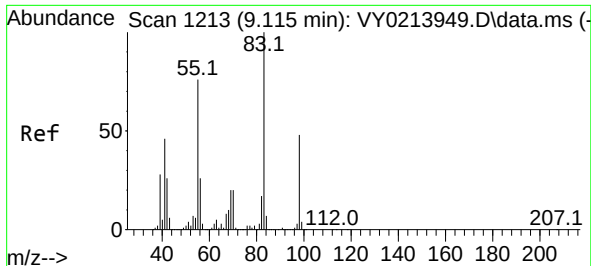
Ion Ratio Lower Upper

117 100

119 96.6 75.8 113.8

121 29.8 23.9 35.9

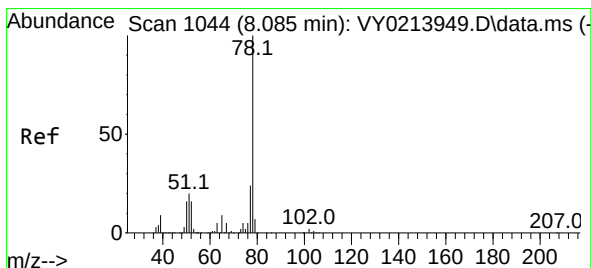
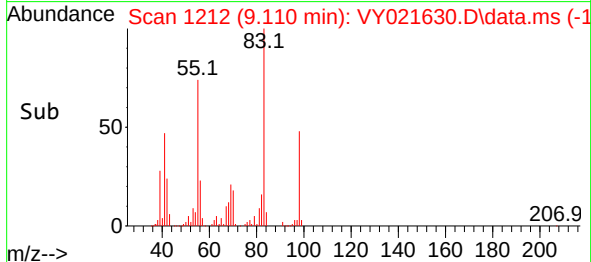
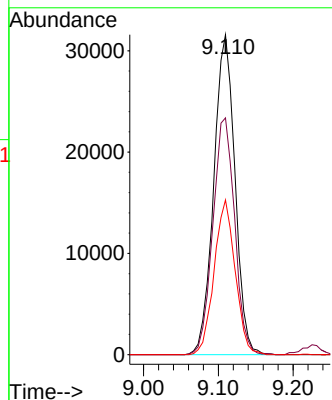
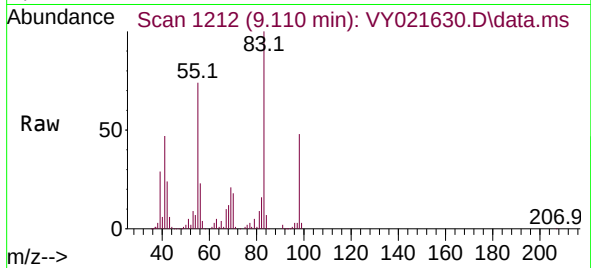




#39
Methylcyclohexane
Concen: 17.464 ug/l
RT: 9.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

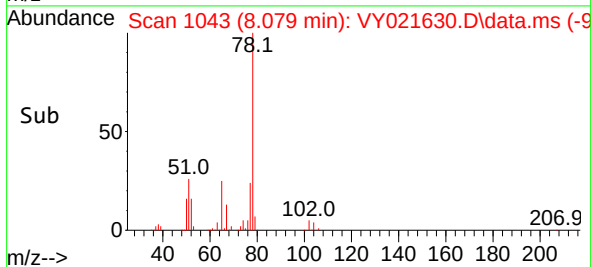
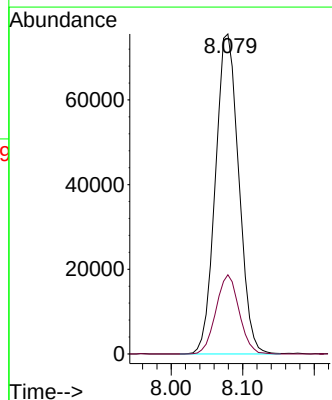
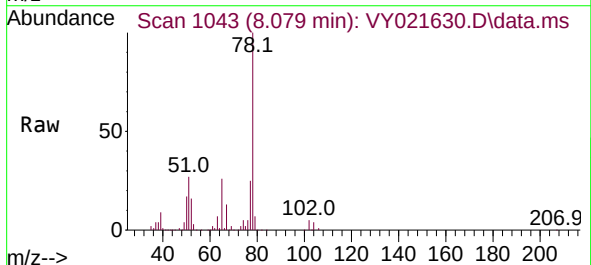
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

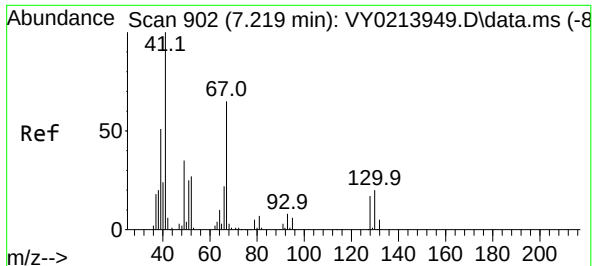
Tgt Ion: 83 Resp: 62410
Ion Ratio Lower Upper
83 100
55 74.0 60.7 91.1
98 48.4 38.6 57.8



#40
Benzene
Concen: 19.978 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 78 Resp: 171451
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.4

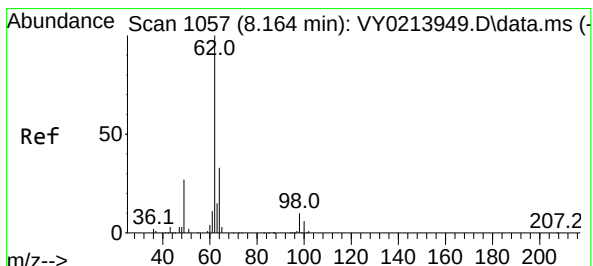
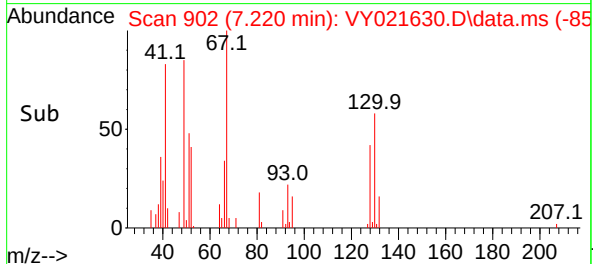
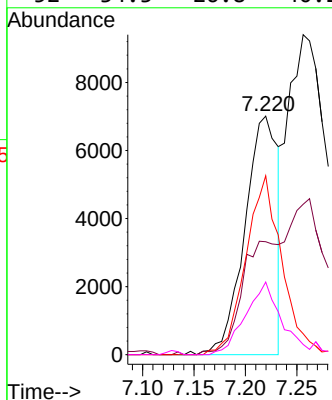
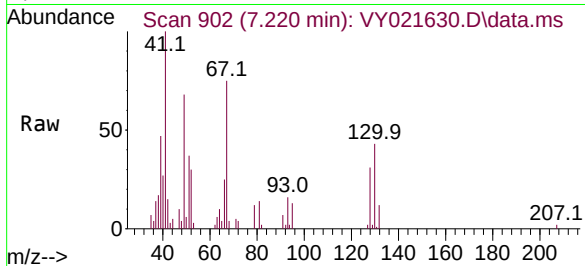




#41
Methacrylonitrile
Concen: 22.312 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

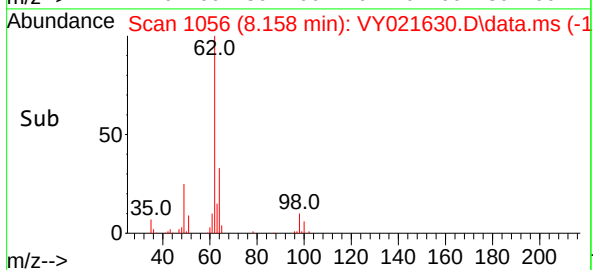
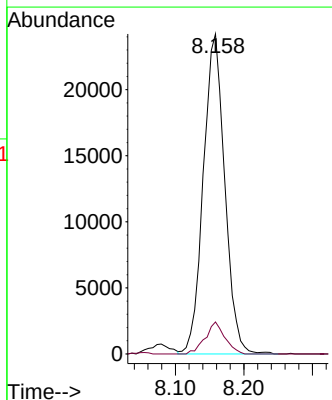
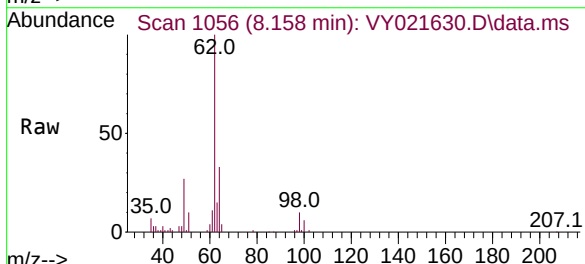
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

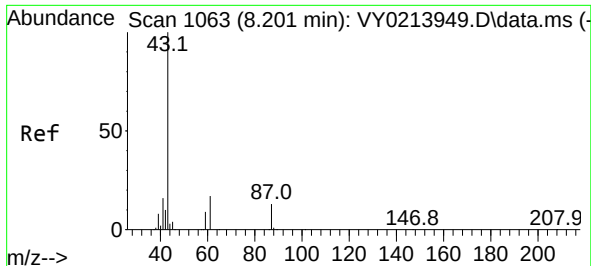
Tgt Ion:	41	Resp:	15644
Ion	Ratio	Lower	Upper
41	100		
39	52.9	35.0	52.6#
67	82.4	61.2	91.8
52	34.3	26.8	40.2



#42
1,2-Dichloroethane
Concen: 21.967 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion:	62	Resp:	52741
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2

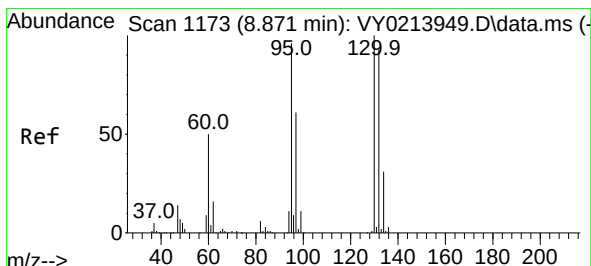
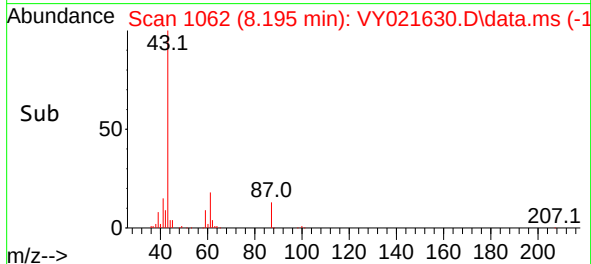
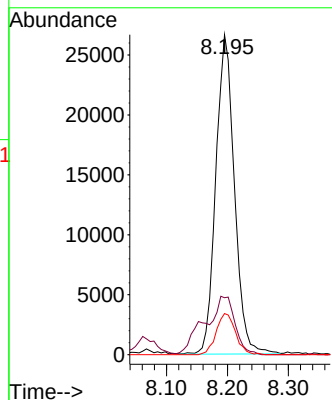
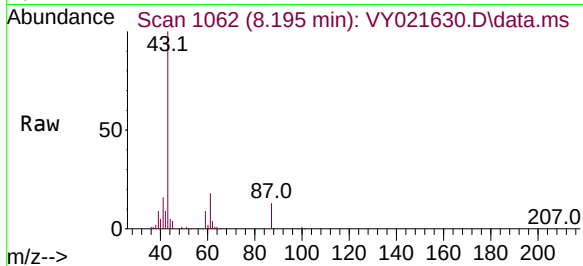




#43
Isopropyl Acetate
Concen: 22.626 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

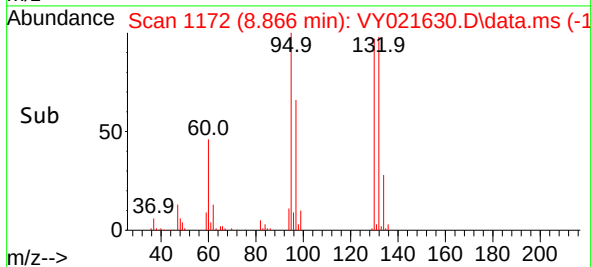
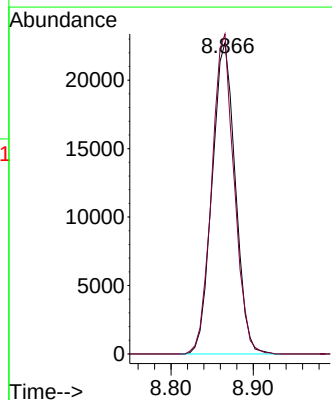
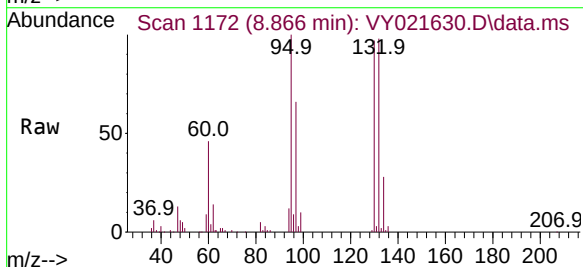
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

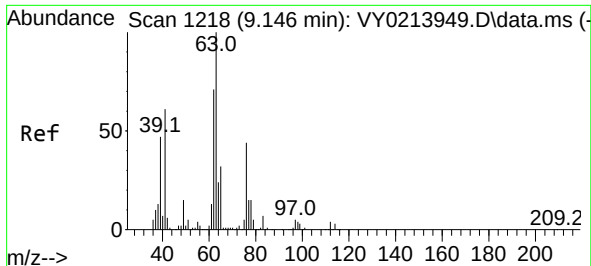
Tgt Ion: 43 Resp: 56559
Ion Ratio Lower Upper
43 100
61 19.4 23.4 35.0#
87 13.5 10.5 15.7



#44
Trichloroethene
Concen: 20.472 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion:130 Resp: 44397
Ion Ratio Lower Upper
130 100
95 102.8 0.0 191.6





#45

1,2-Dichloropropane

Concen: 21.645 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

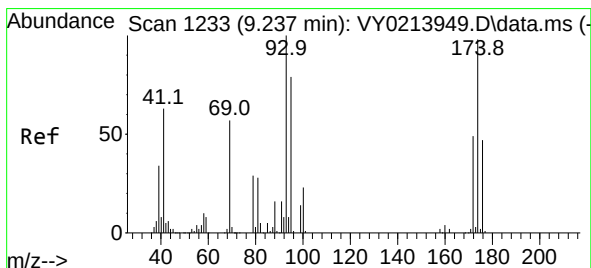
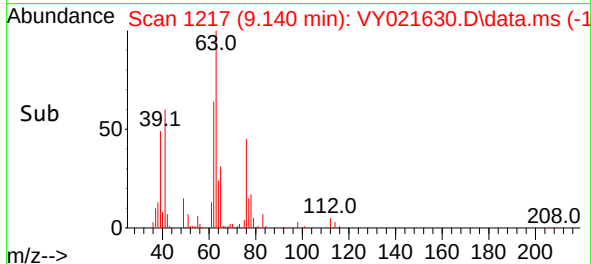
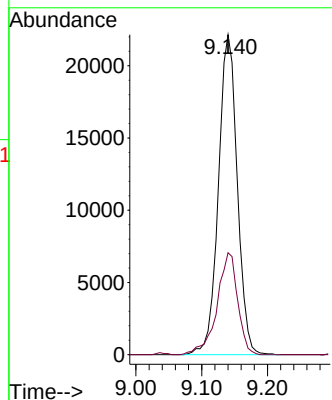
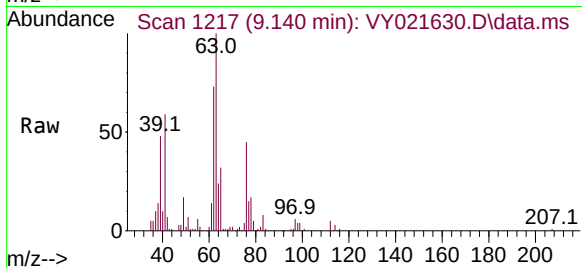
VY0325SBS01

Tgt Ion: 63 Resp: 44210

Ion Ratio Lower Upper

63 100

65 31.8 26.0 39.0



#46

Dibromomethane

Concen: 23.025 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

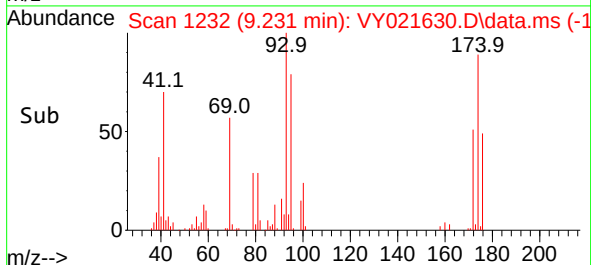
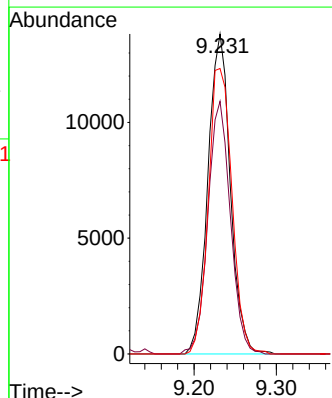
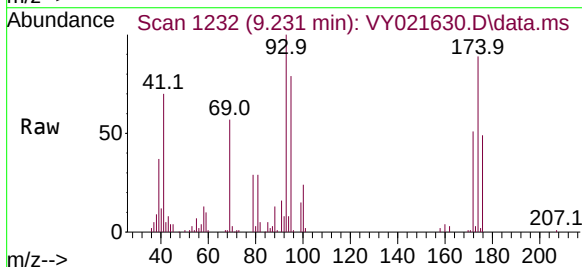
Tgt Ion: 93 Resp: 26168

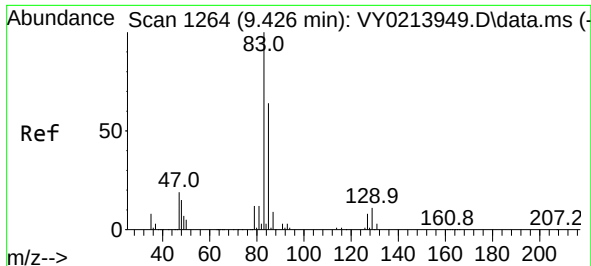
Ion Ratio Lower Upper

93 100

95 79.1 65.8 98.8

174 94.1 77.9 116.9

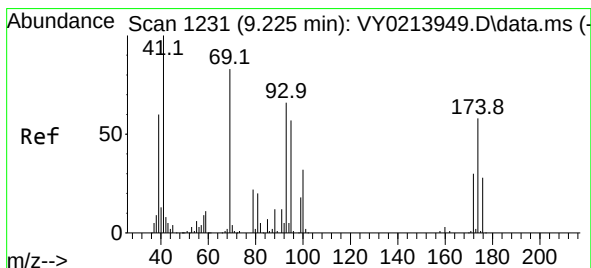
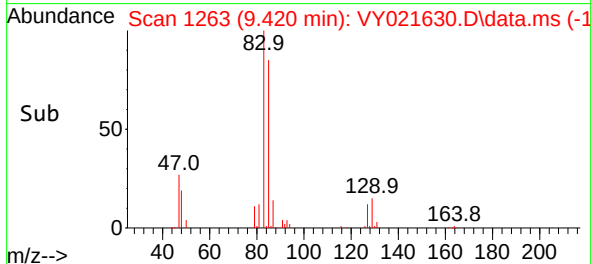
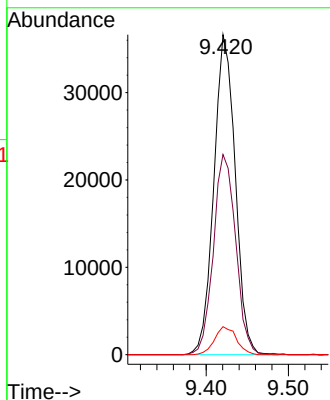
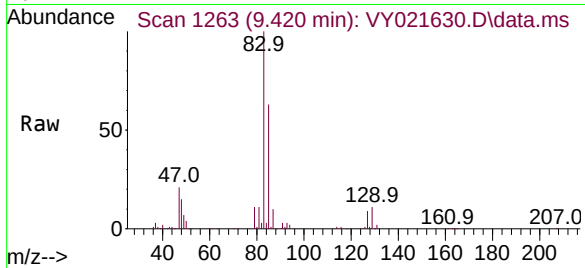




#47
Bromodichloromethane
Concen: 21.950 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

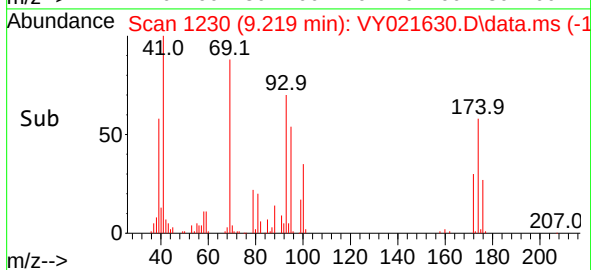
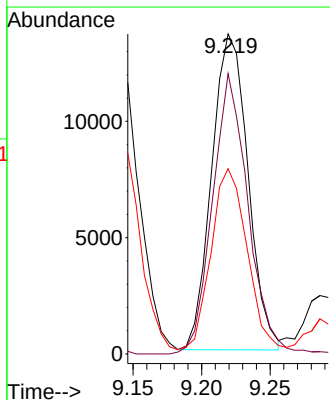
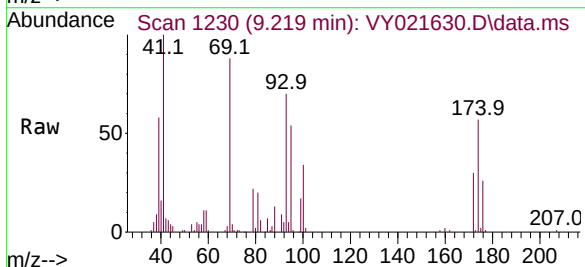
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

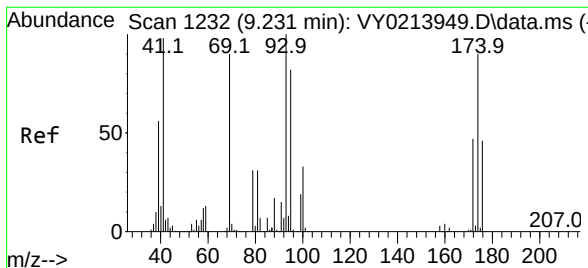
Tgt Ion: 83 Resp: 66249
Ion Ratio Lower Upper
83 100
85 62.6 51.1 76.7
127 8.8 6.7 10.1



#48
Methyl methacrylate
Concen: 21.804 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 41 Resp: 25028
Ion Ratio Lower Upper
41 100
69 87.1 67.8 101.8
39 57.1 46.4 69.6





#49

1,4-Dioxane

Concen: 521.380 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

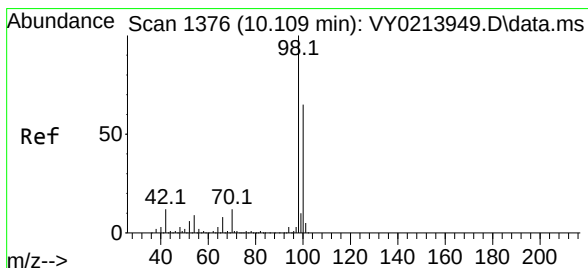
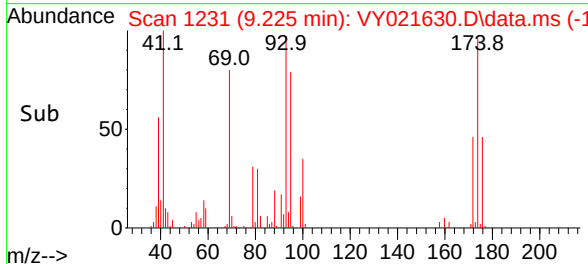
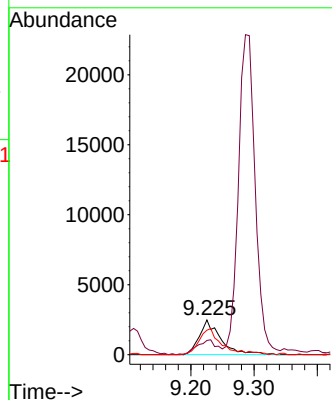
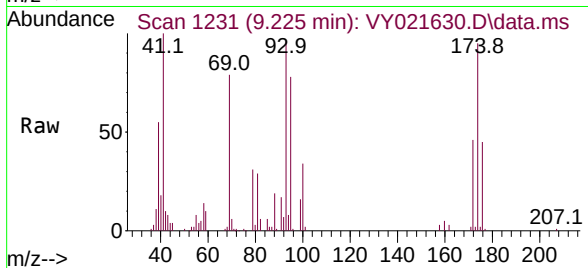
Tgt Ion: 88 Resp: 5816

Ion Ratio Lower Upper

88 100

43 39.9 25.0 37.4#

58 80.0 58.4 87.6



#50

Toluene-d8

Concen: 50.364 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021630.D

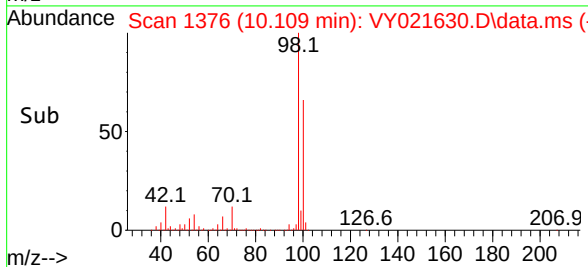
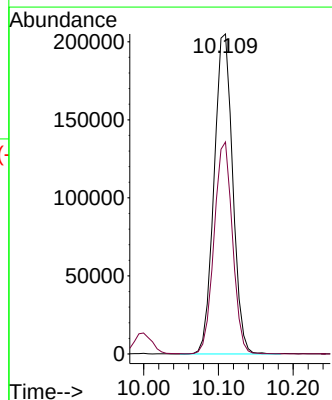
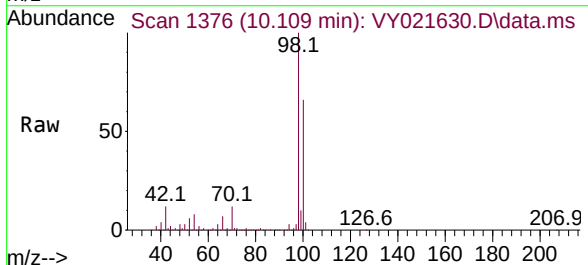
Acq: 25 Mar 2025 12:36

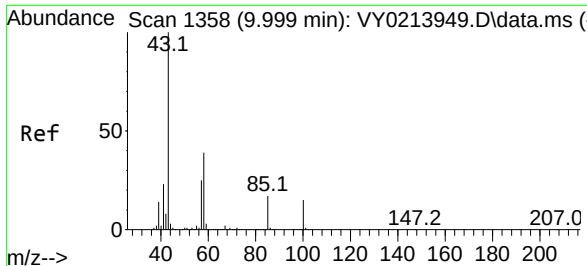
Tgt Ion: 98 Resp: 354916

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1

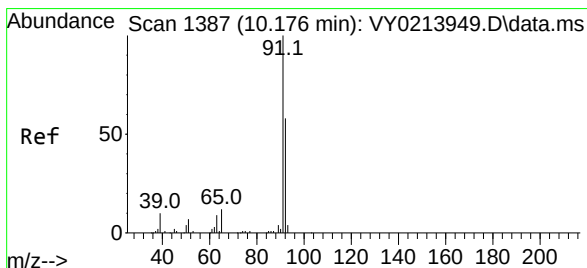
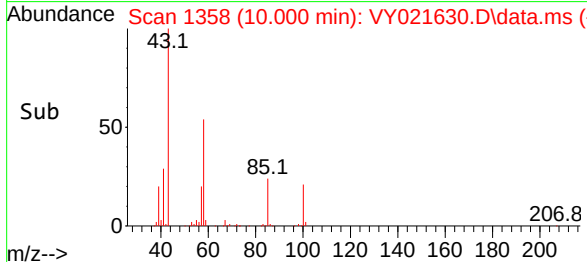
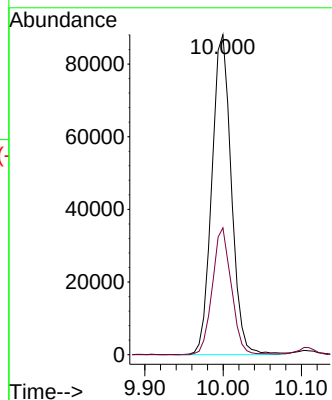
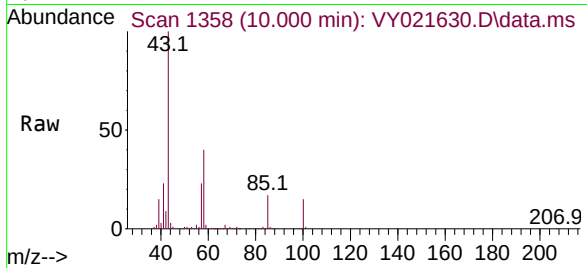




#51
4-Methyl-2-Pentanone
Concen: 118.137 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

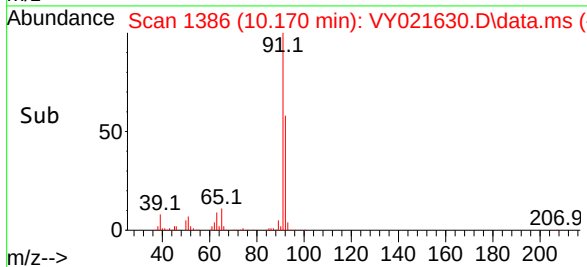
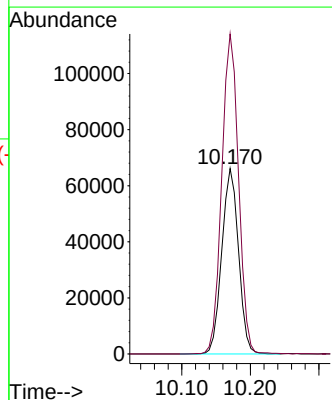
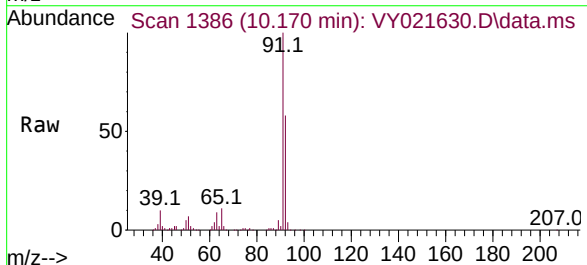
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

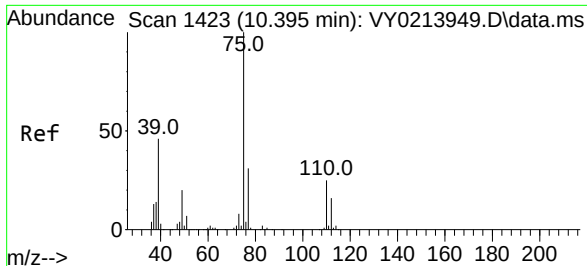
Tgt Ion: 43 Resp: 152367
Ion Ratio Lower Upper
43 100
58 38.6 31.4 47.2



#52
Toluene
Concen: 20.622 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 92 Resp: 111579
Ion Ratio Lower Upper
92 100
91 173.6 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 20.930 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

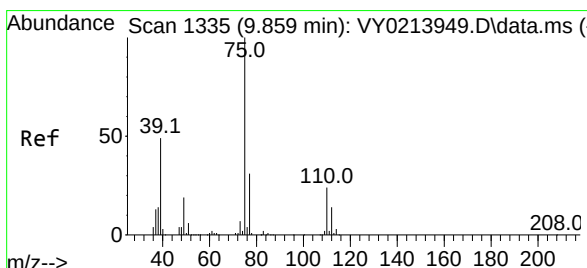
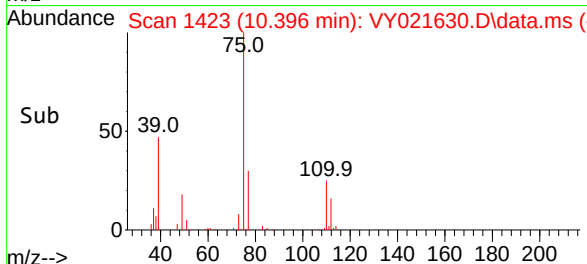
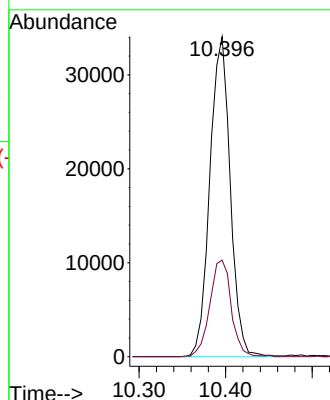
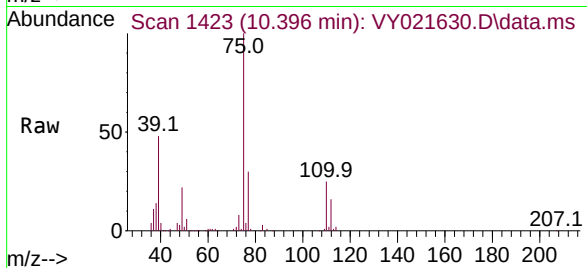
VY0325SBS01

Tgt Ion: 75 Resp: 55655

Ion Ratio Lower Upper

75 100

77 30.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 21.081 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

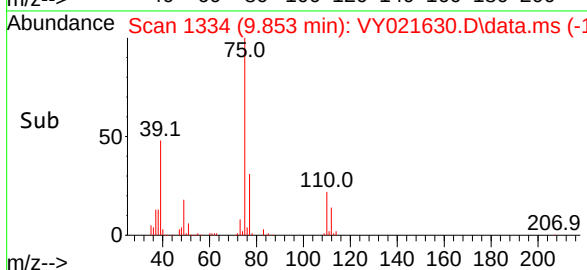
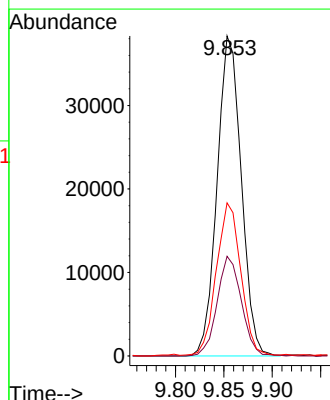
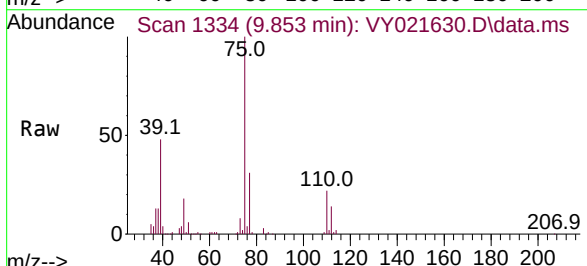
Tgt Ion: 75 Resp: 66554

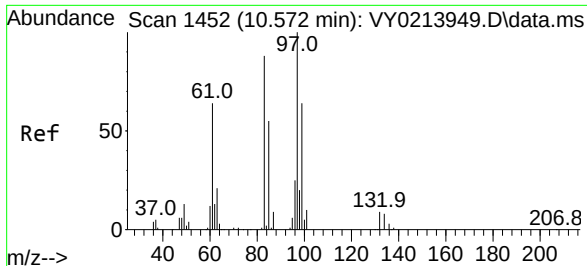
Ion Ratio Lower Upper

75 100

77 31.1 24.6 37.0

39 47.6 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 23.461 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 97 Resp: 34878

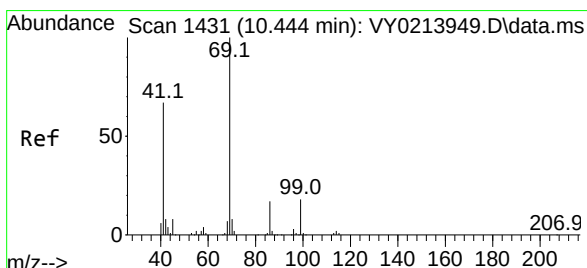
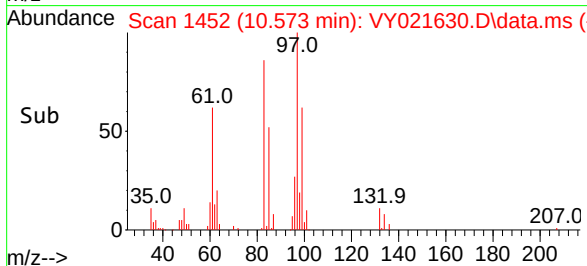
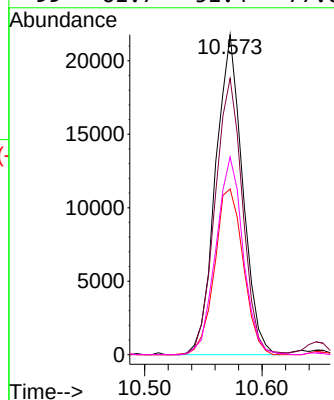
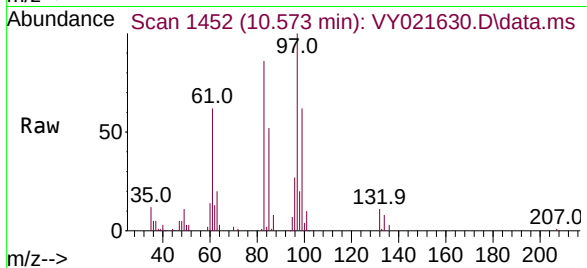
Ion Ratio Lower Upper

97 100

83 86.4 70.0 105.0

85 51.8 44.3 66.5

99 61.7 51.4 77.0



#56

Ethyl methacrylate

Concen: 21.683 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

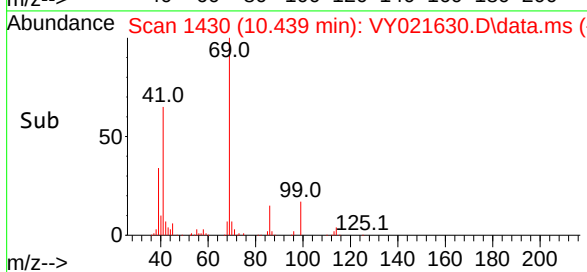
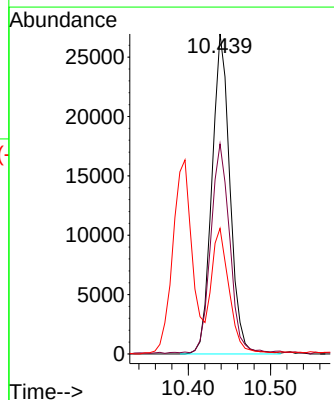
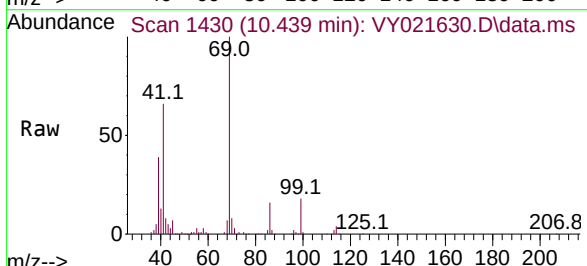
Tgt Ion: 69 Resp: 41111

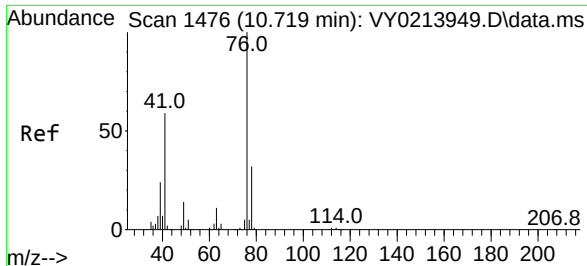
Ion Ratio Lower Upper

69 100

41 67.7 53.3 79.9

39 37.2 31.0 46.6





#57

1,3-Dichloropropane

Concen: 22.174 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

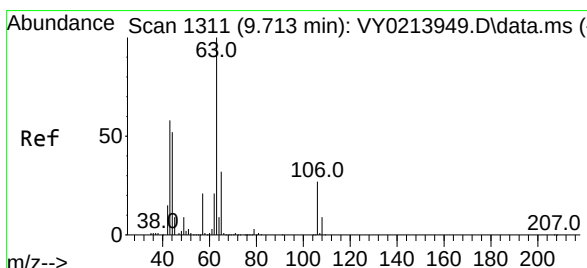
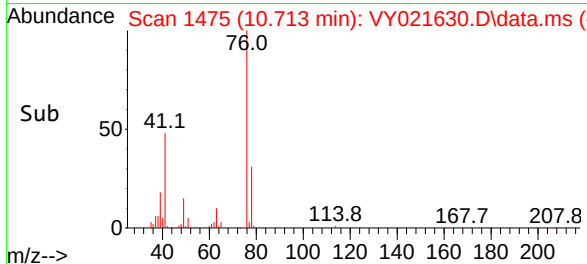
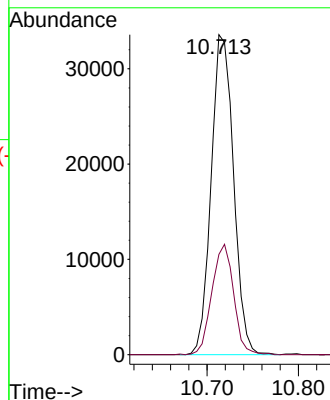
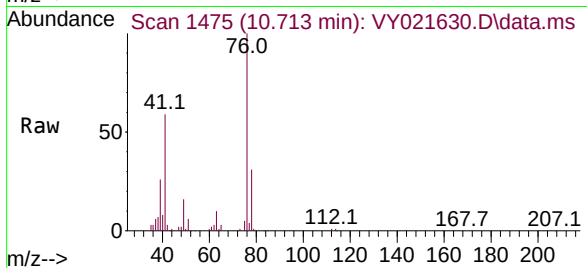
VY0325SBS01

Tgt Ion: 76 Resp: 57134

Ion Ratio Lower Upper

76 100

78 33.5 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 110.101 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021630.D

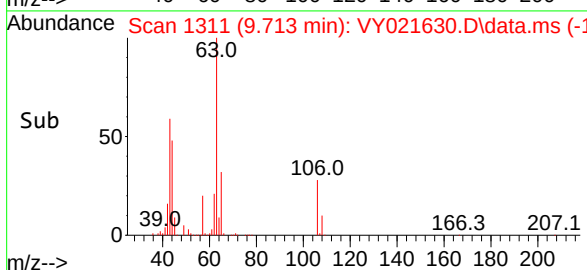
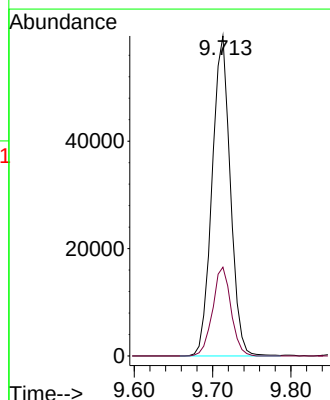
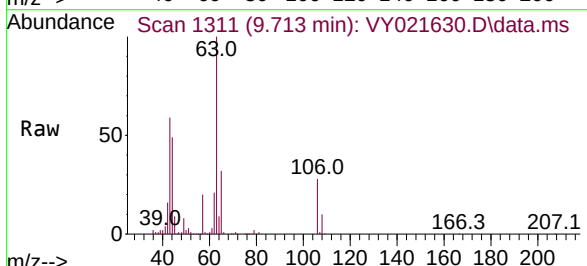
Acq: 25 Mar 2025 12:36

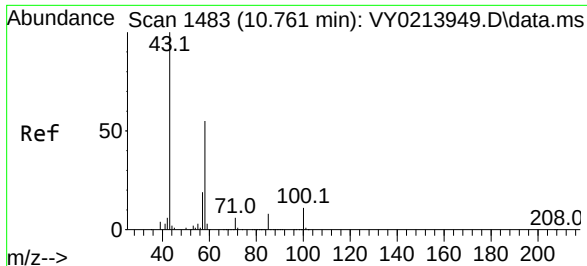
Tgt Ion: 63 Resp: 96365

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1

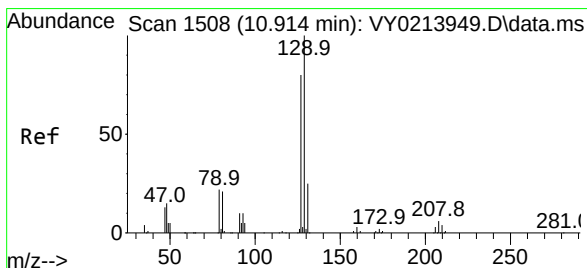
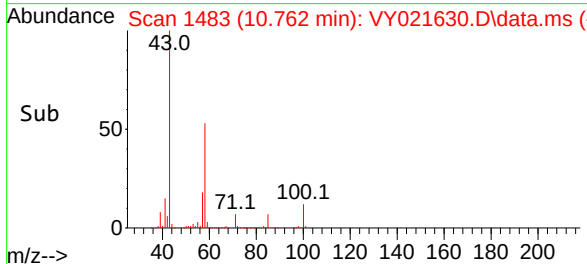
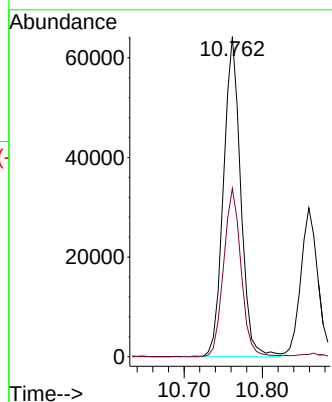
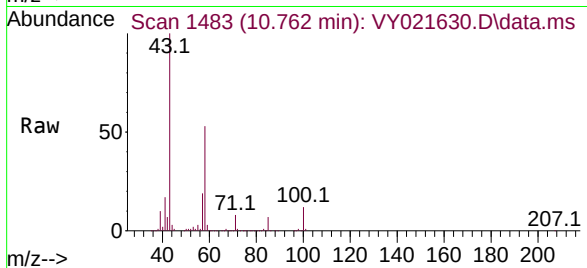




#59
2-Hexanone
Concen: 115.120 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

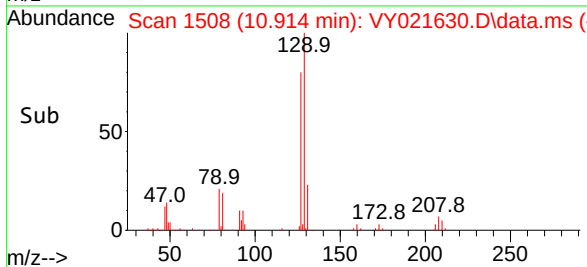
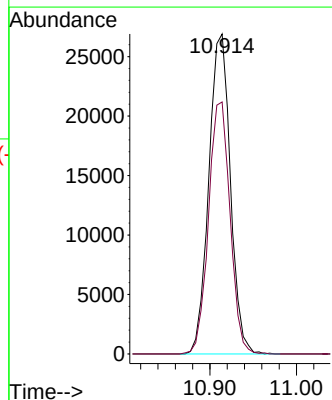
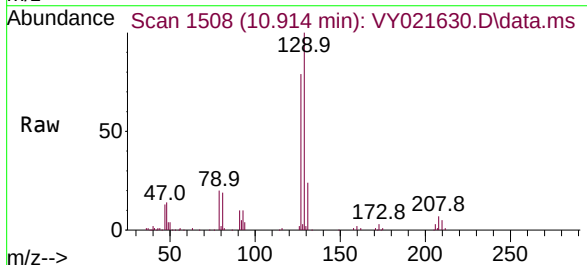
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

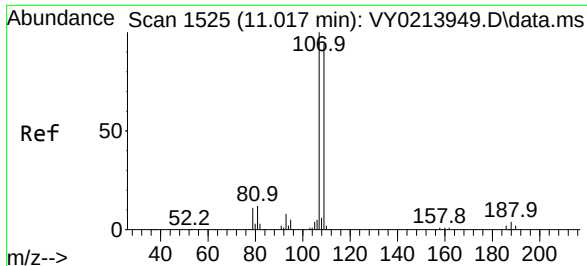
Tgt Ion: 43 Resp: 98176
Ion Ratio Lower Upper
43 100
58 53.5 27.3 81.8



#60
Dibromochloromethane
Concen: 22.800 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 129 Resp: 46468
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.3

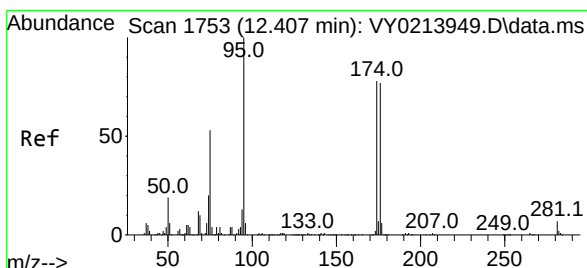
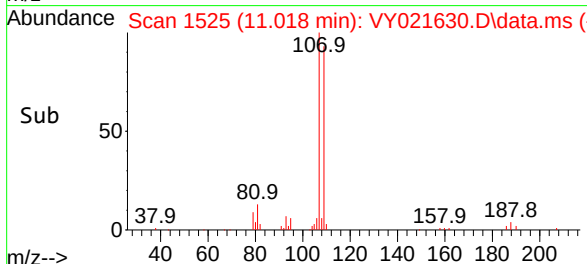
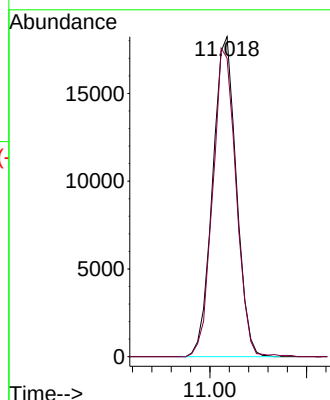
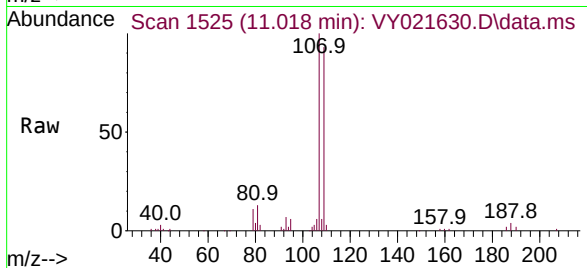




#61
1,2-Dibromoethane
Concen: 22.038 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

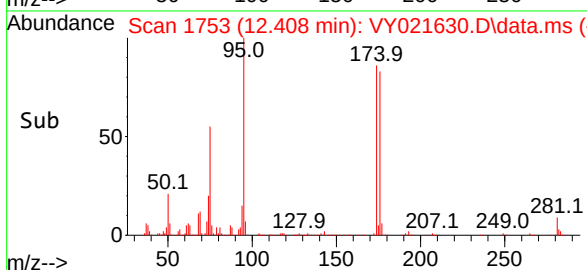
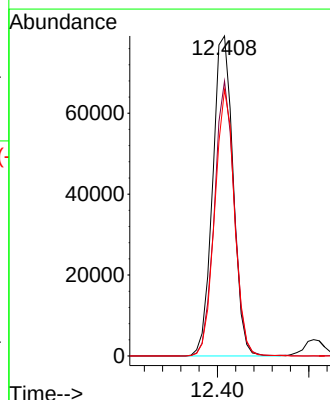
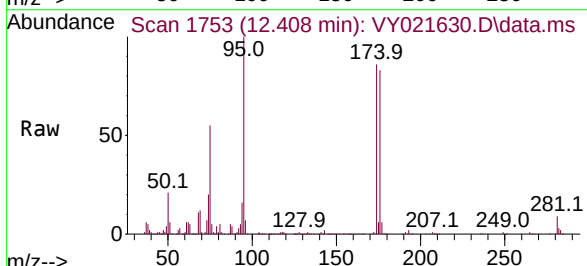
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

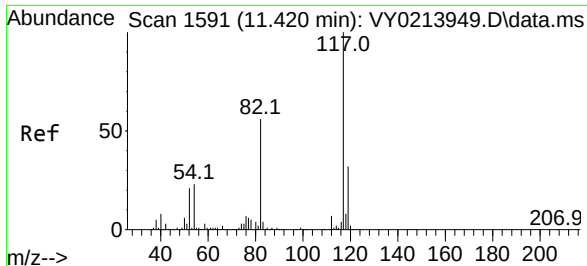
Tgt Ion:107 Resp: 30921
Ion Ratio Lower Upper
107 100
109 95.2 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 51.304 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 95 Resp: 122981
Ion Ratio Lower Upper
95 100
174 83.1 0.0 165.0
176 80.4 0.0 160.0

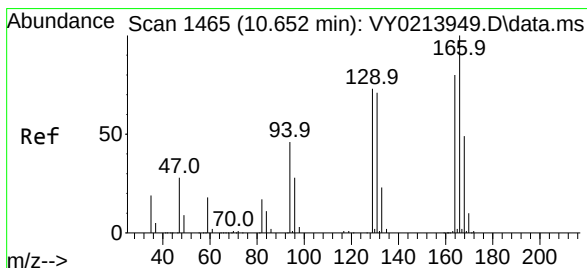
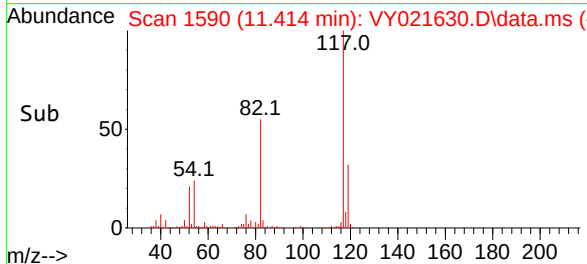
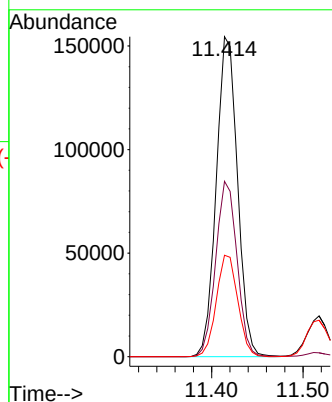
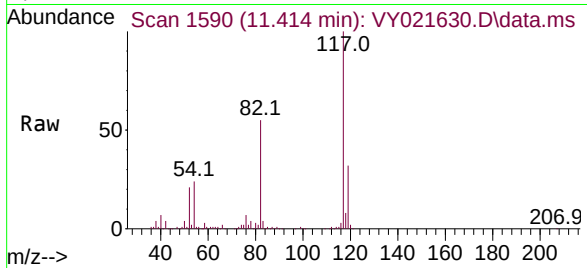




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

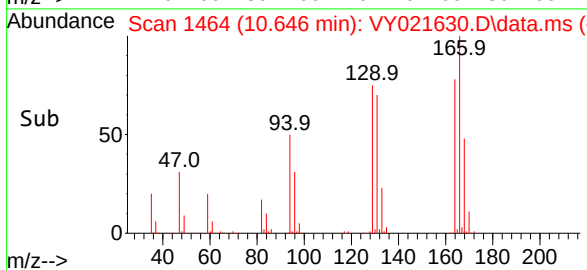
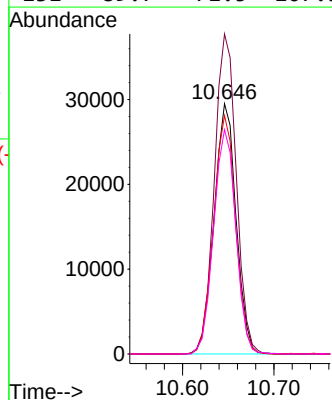
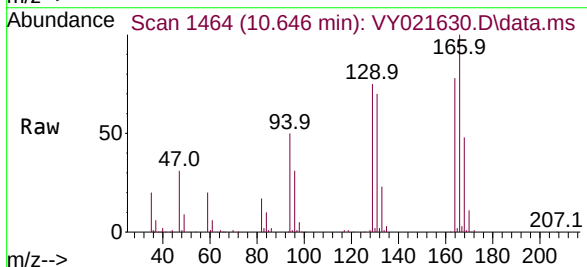
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

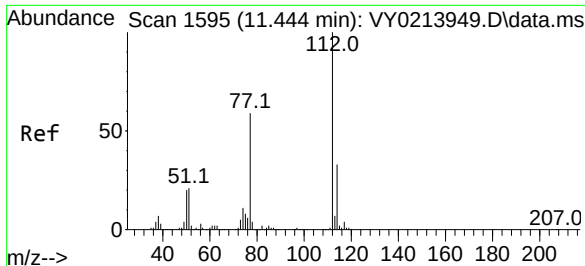
Tgt Ion:117 Resp: 250065
Ion Ratio Lower Upper
117 100
82 54.8 44.6 67.0
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 24.254 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion:164 Resp: 49319
Ion Ratio Lower Upper
164 100
166 127.9 100.4 150.6
129 95.3 73.8 110.8
131 89.7 71.5 107.3

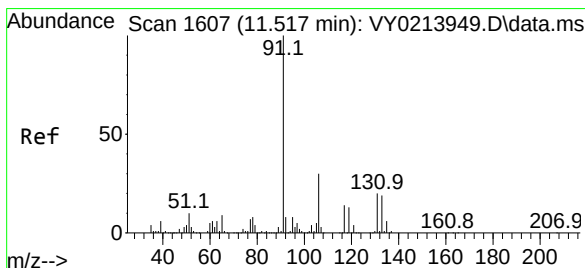
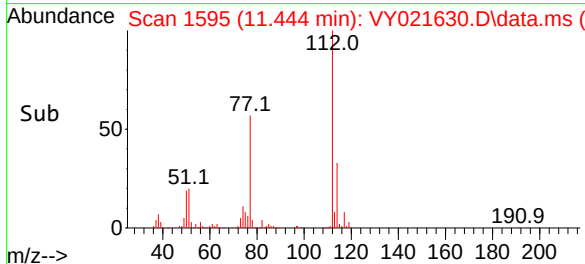
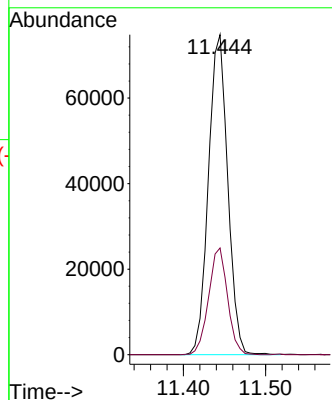
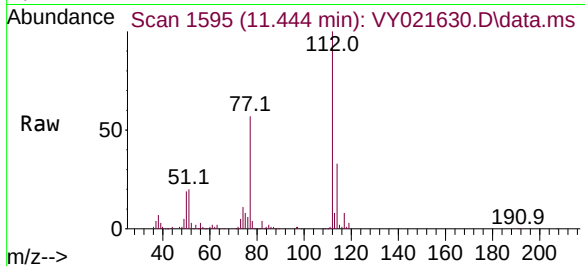




#65
Chlorobenzene
Concen: 20.652 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

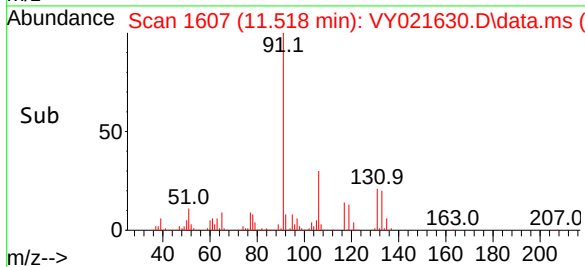
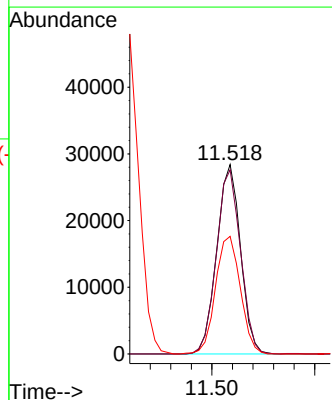
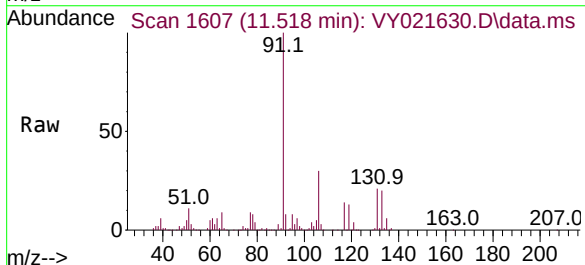
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

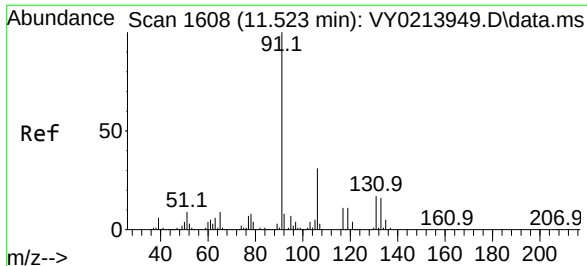
Tgt Ion:112 Resp: 121952
Ion Ratio Lower Upper
112 100
114 33.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.767 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion:131 Resp: 45445
Ion Ratio Lower Upper
131 100
133 98.7 47.6 142.9
119 65.0 32.3 96.9





#67

Ethyl Benzene

Concen: 19.829 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

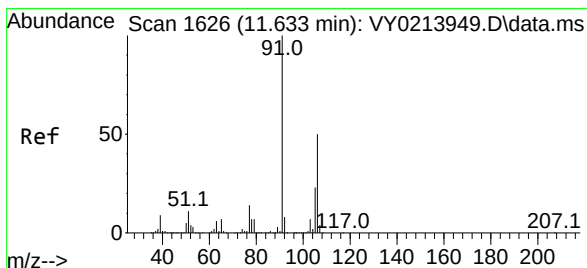
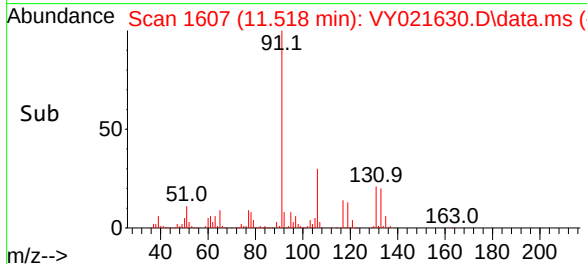
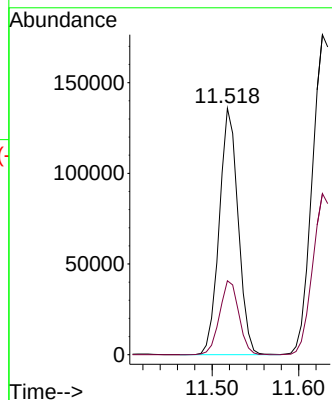
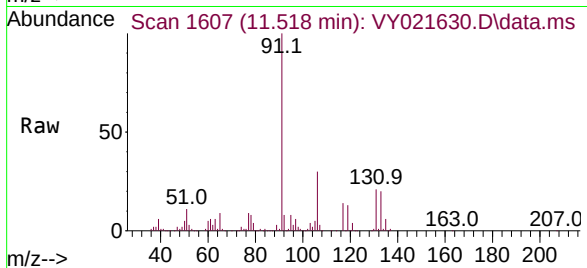
VY0325SBS01

Tgt Ion: 91 Resp: 205518

Ion Ratio Lower Upper

91 100

106 30.0 24.6 36.8



#68

m/p-Xylenes

Concen: 40.343 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021630.D

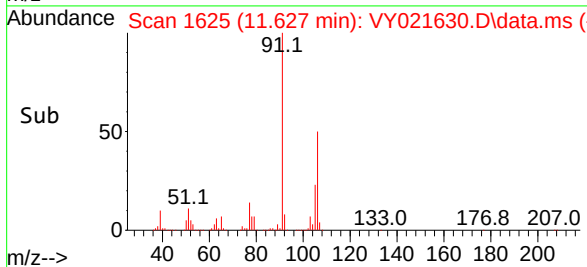
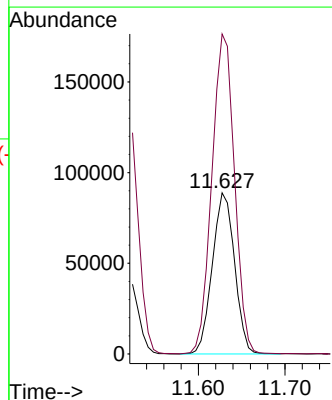
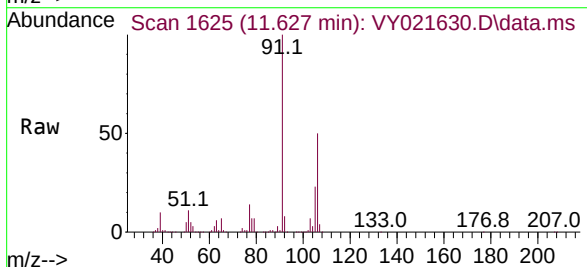
Acq: 25 Mar 2025 12:36

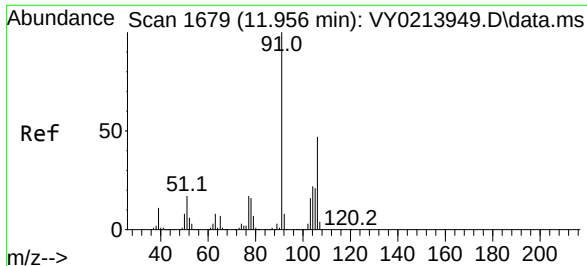
Tgt Ion:106 Resp: 158750

Ion Ratio Lower Upper

106 100

91 201.6 161.7 242.5





#69

o-Xylene

Concen: 20.305 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

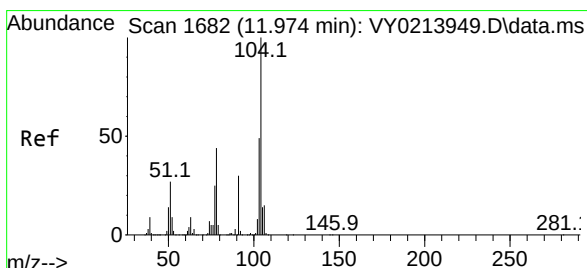
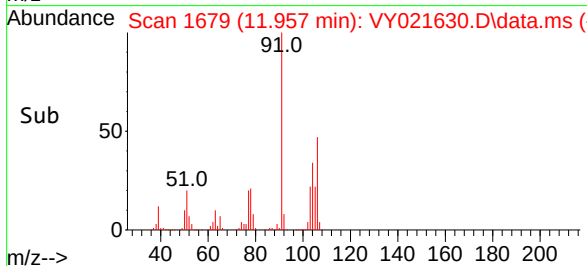
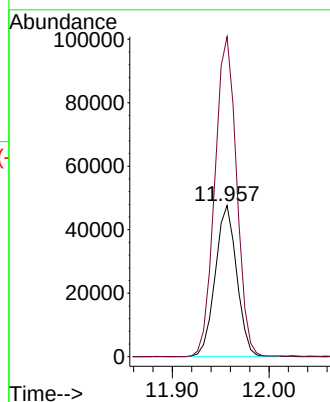
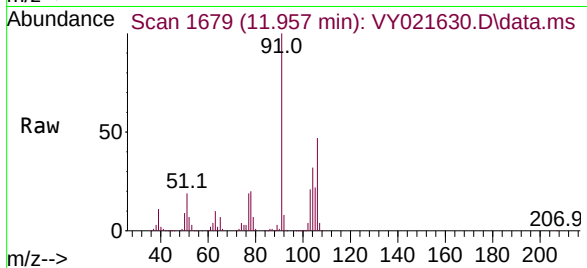
VY0325SBS01

Tgt Ion:106 Resp: 73638

Ion Ratio Lower Upper

106 100

91 214.1 107.6 322.8



#70

Styrene

Concen: 20.821 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

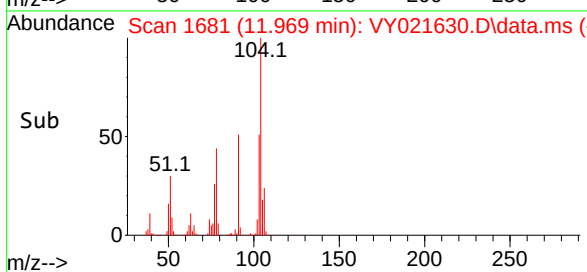
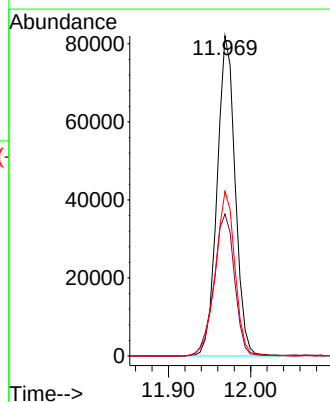
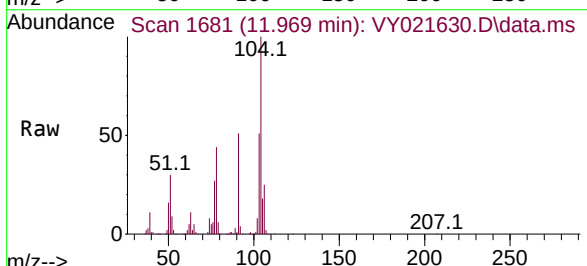
Tgt Ion:104 Resp: 125265

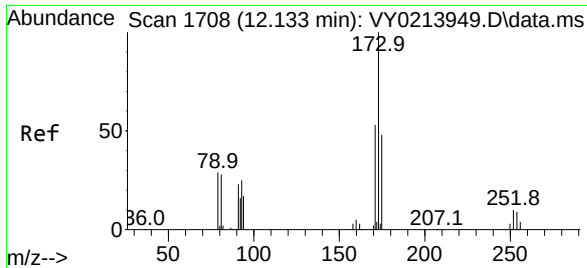
Ion Ratio Lower Upper

104 100

78 50.2 40.7 61.1

103 55.9 44.1 66.1

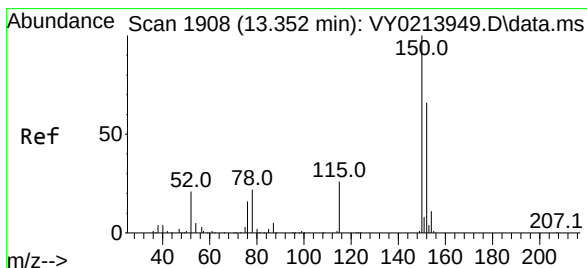
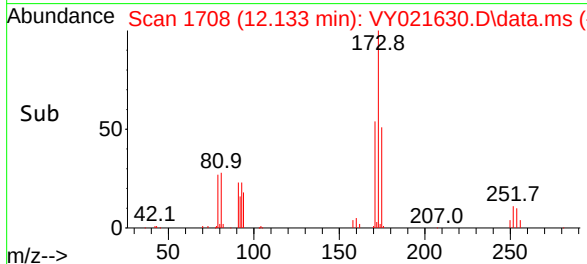
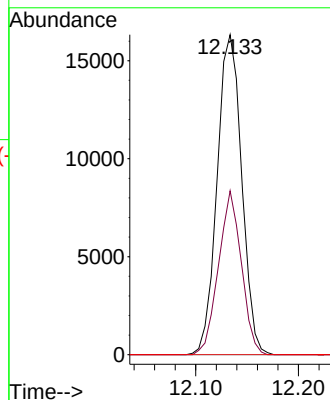
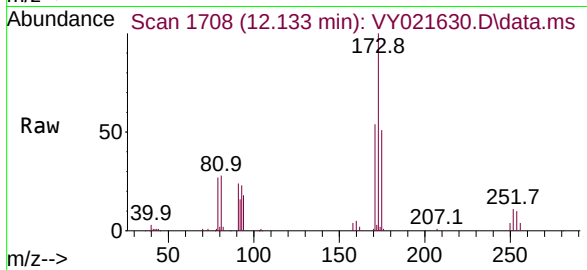




#71
Bromoform
Concen: 23.201 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

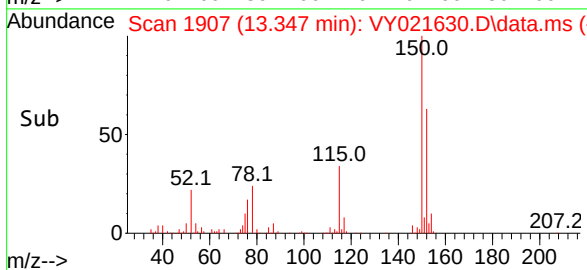
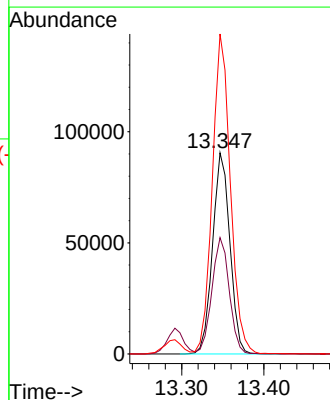
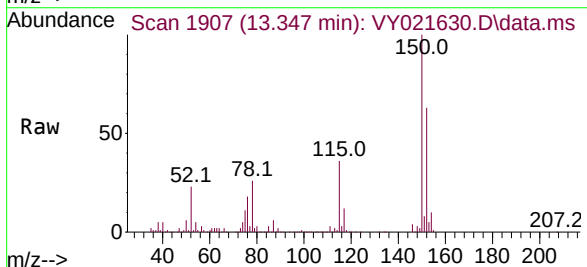
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

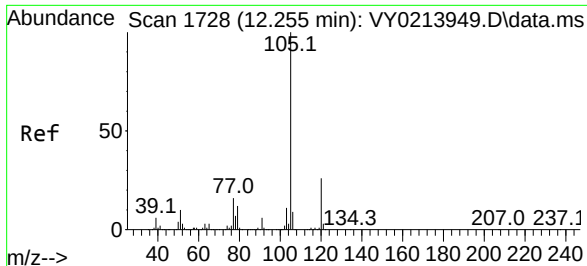
Tgt Ion:173 Resp: 27077
Ion Ratio Lower Upper
173 100
175 47.6 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion:152 Resp: 132222
Ion Ratio Lower Upper
152 100
115 57.9 29.0 87.0
150 165.7 0.0 347.2

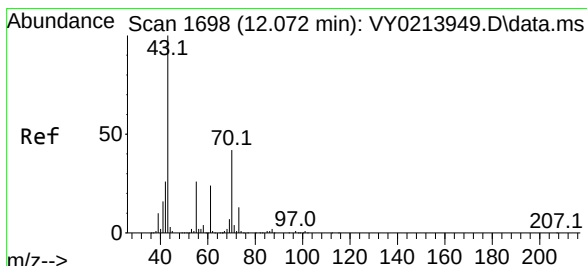
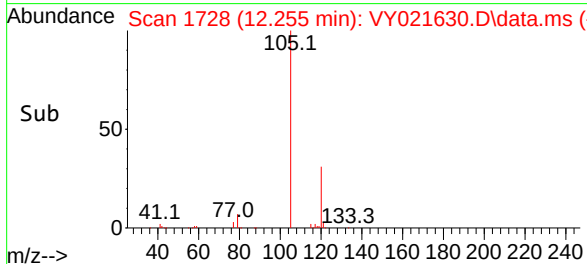
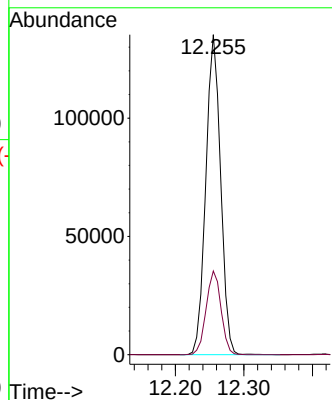
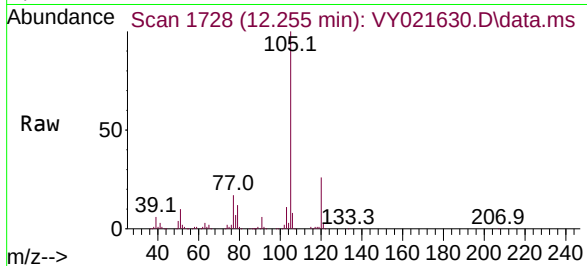




#73
Isopropylbenzene
Concen: 19.503 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

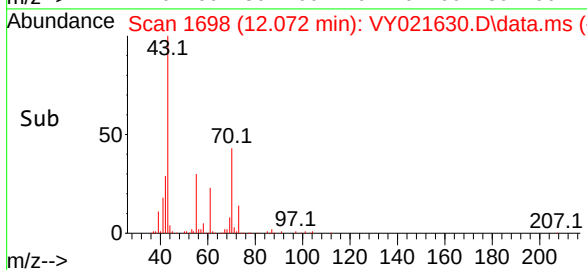
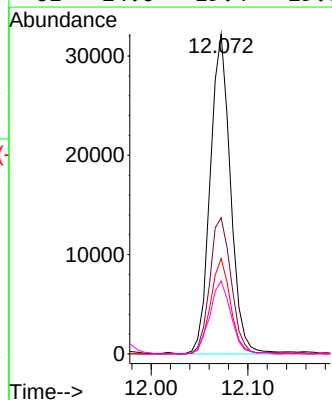
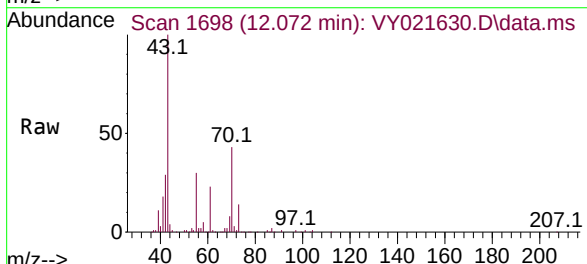
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

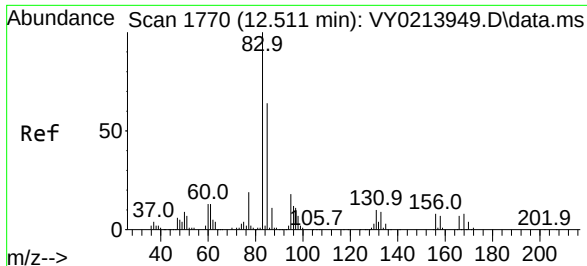
Tgt Ion: 105 Resp: 203137
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3



#74
N-ethyl acetate
Concen: 20.774 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 43 Resp: 46989
Ion Ratio Lower Upper
43 100
70 45.2 34.6 51.8
55 29.7 21.1 31.7
61 24.0 19.4 29.0

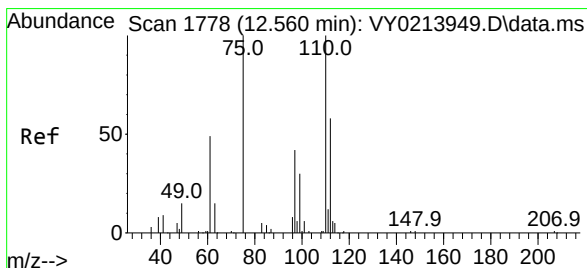
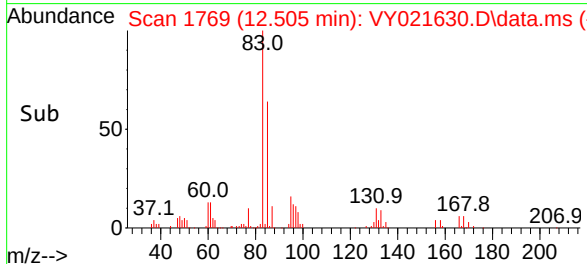
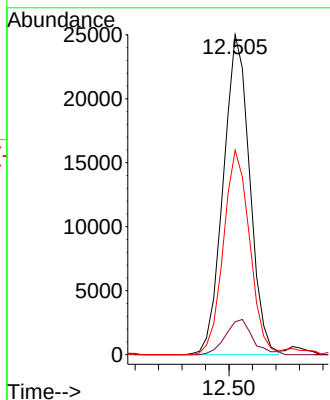
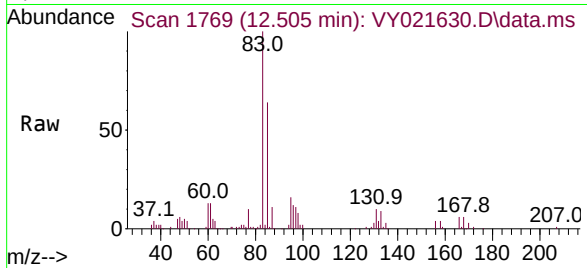




#75
1,1,2-Tetrachloroethane
Concen: 21.267 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

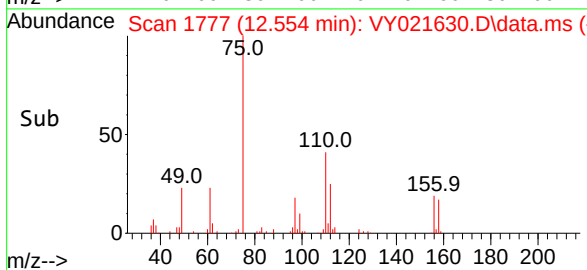
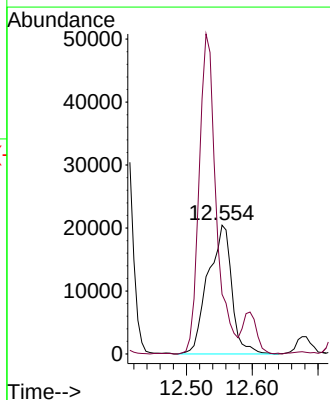
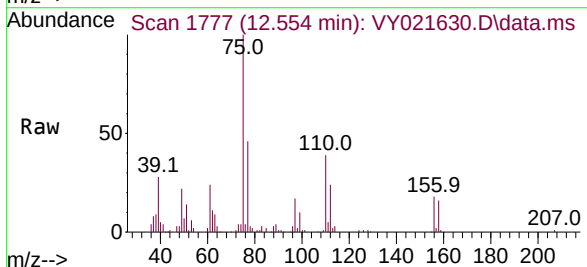
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

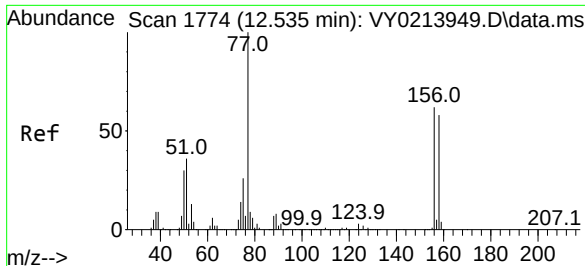
Tgt Ion: 83 Resp: 39089
Ion Ratio Lower Upper
83 100
131 11.3 5.3 16.1
85 63.5 31.9 95.5



#76
1,2,3-Trichloropropane
Concen: 38.602 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 75 Resp: 51432
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

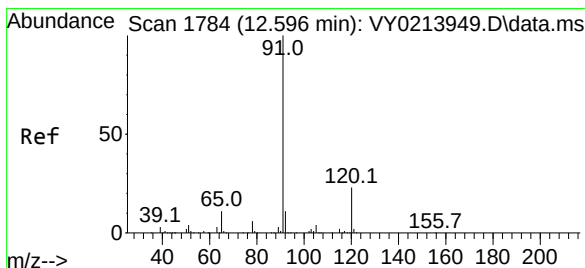
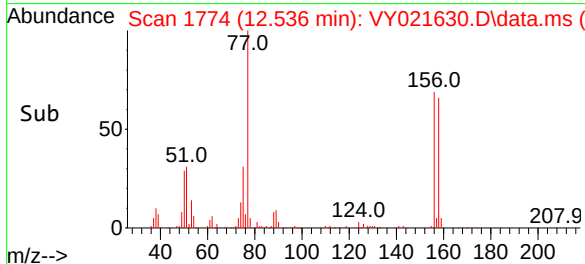
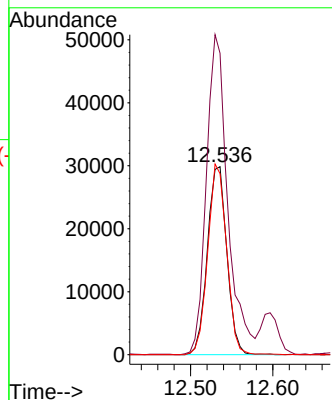
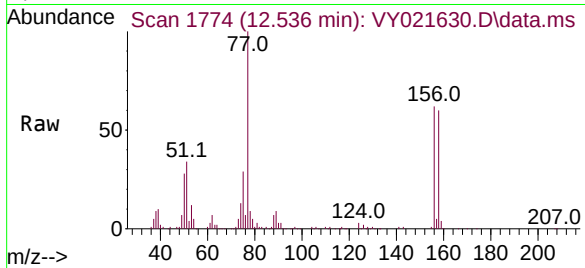




#77
Bromobenzene
Concen: 20.197 ug/l
RT: 12.536 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

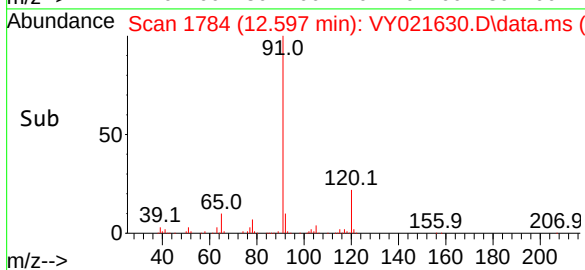
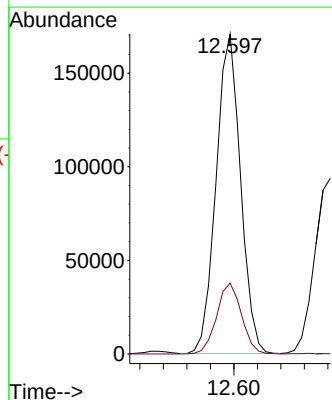
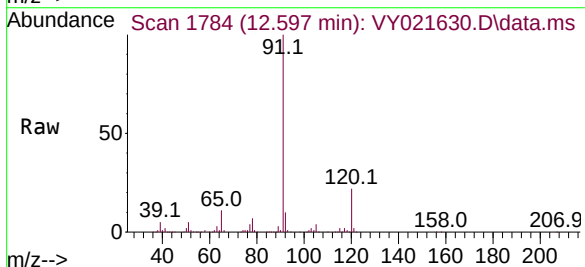
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

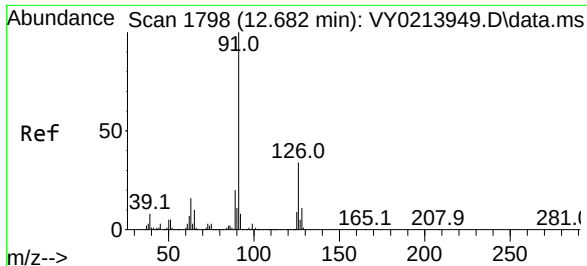
Tgt Ion:156 Resp: 49214
Ion Ratio Lower Upper
156 100
77 186.6 93.6 280.8
158 98.0 48.3 144.8



#78
n-propylbenzene
Concen: 19.464 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 91 Resp: 246203
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 19.929 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

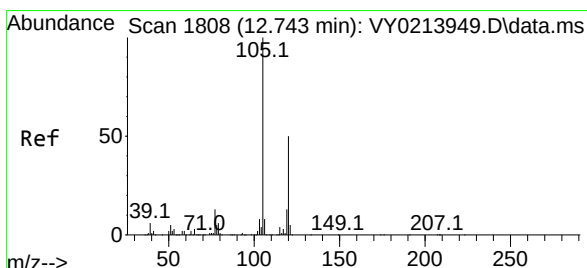
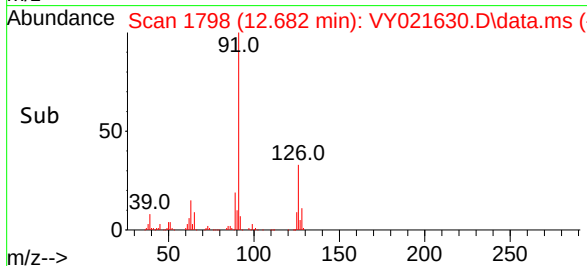
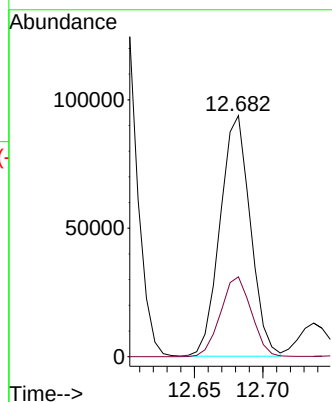
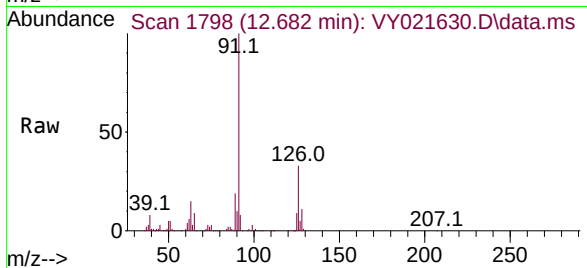
VY0325SBS01

Tgt Ion: 91 Resp: 144142

Ion Ratio Lower Upper

91 100

126 33.8 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.809 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021630.D

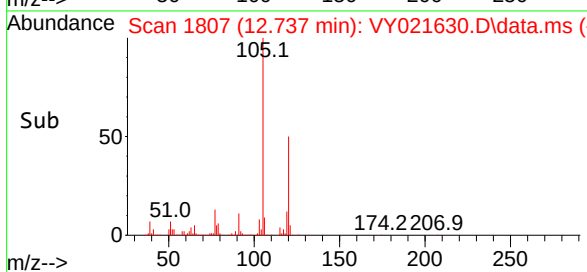
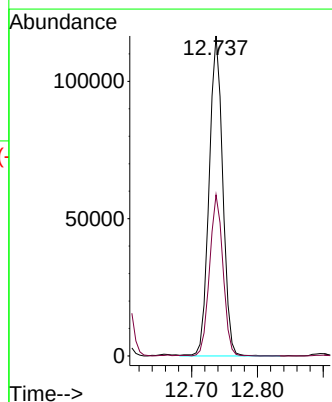
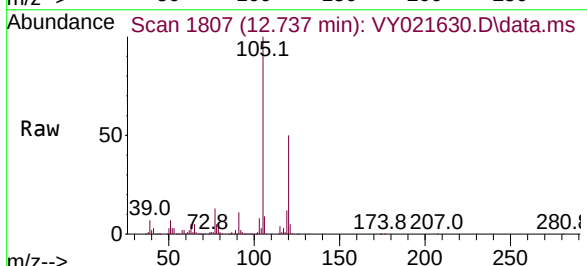
Acq: 25 Mar 2025 12:36

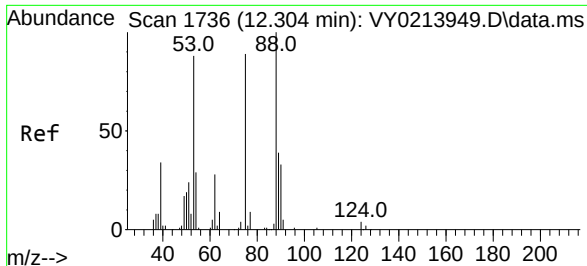
Tgt Ion: 105 Resp: 167672

Ion Ratio Lower Upper

105 100

120 49.6 24.6 73.6

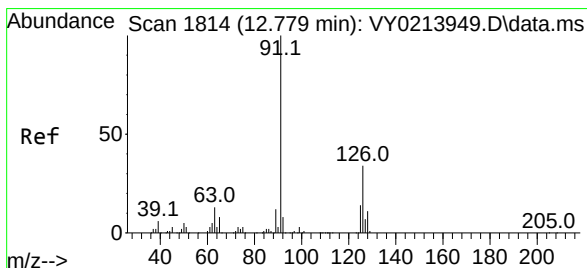
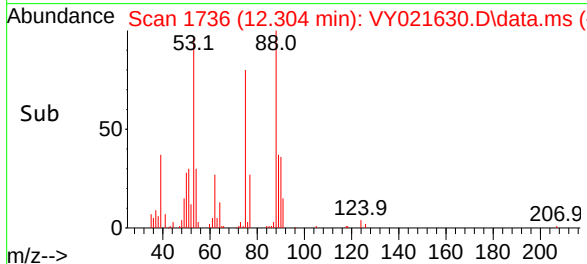
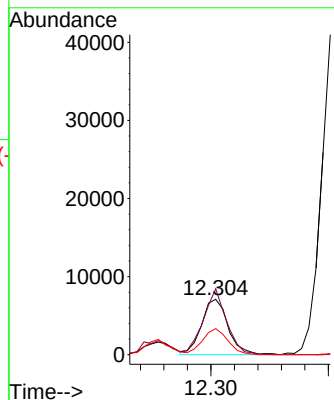
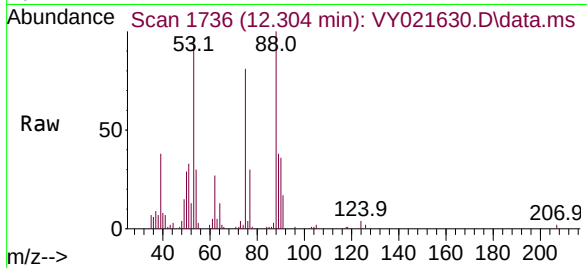




#81
trans-1,4-Dichloro-2-butene
Concen: 19.082 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

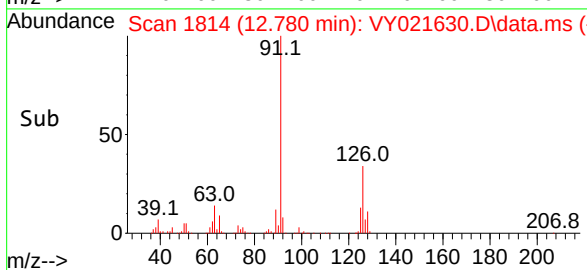
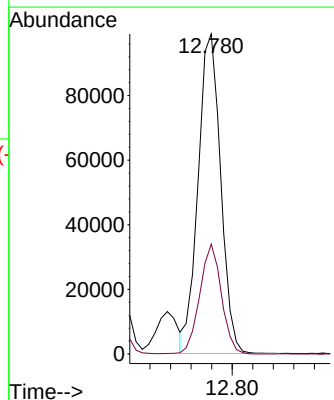
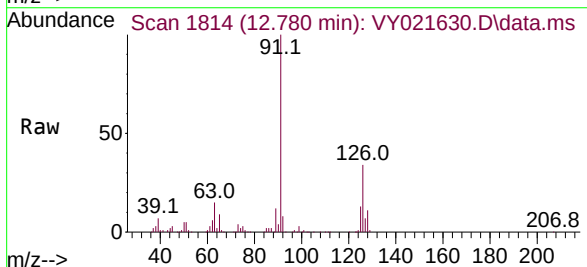
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

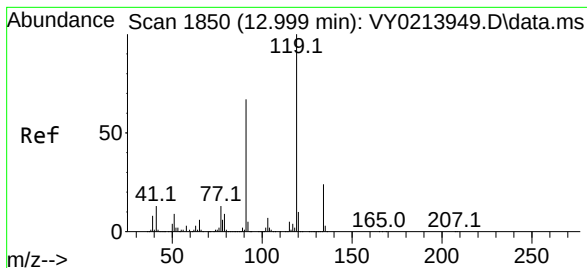
Tgt Ion: 75 Resp: 11184
Ion Ratio Lower Upper
75 100
53 104.1 81.0 121.4
89 44.0 36.9 55.3



#82
4-Chlorotoluene
Concen: 20.172 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 91 Resp: 151082
Ion Ratio Lower Upper
91 100
126 33.0 17.0 51.0





#83

tert-Butylbenzene

Concen: 19.699 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

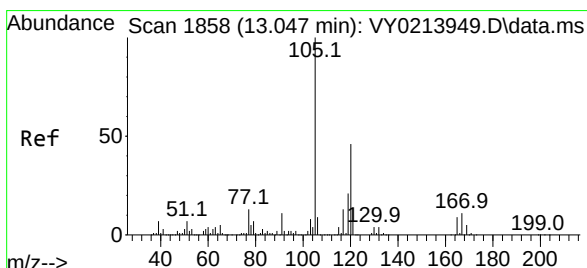
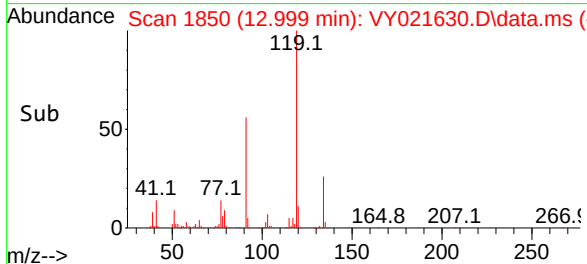
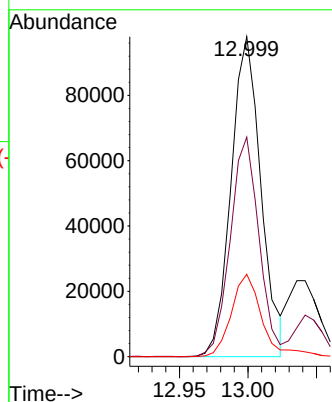
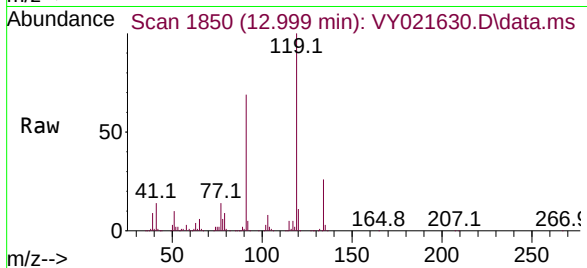
Tgt Ion:119 Resp: 148747

Ion Ratio Lower Upper

119 100

91 66.0 33.2 99.6

134 26.5 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 19.894 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY021630.D

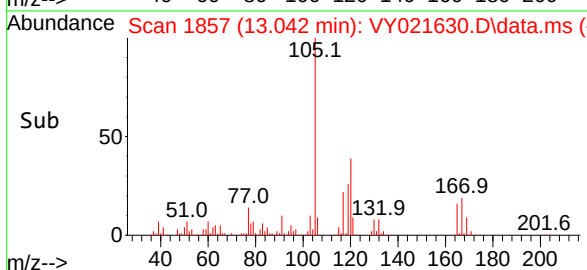
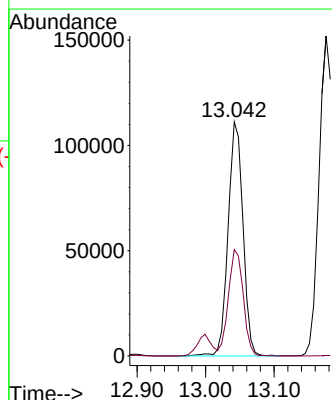
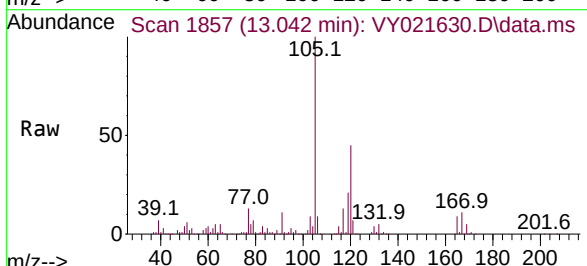
Acq: 25 Mar 2025 12:36

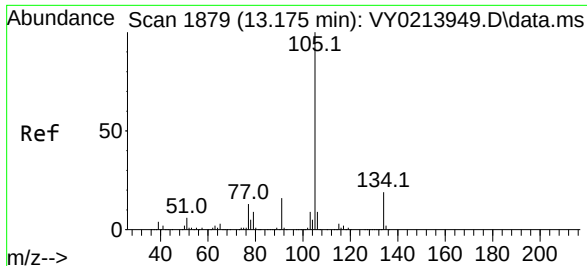
Tgt Ion:105 Resp: 167186

Ion Ratio Lower Upper

105 100

120 45.2 22.7 68.1

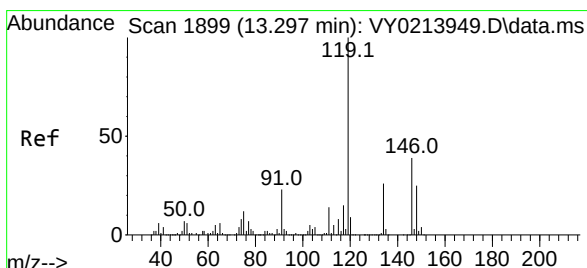
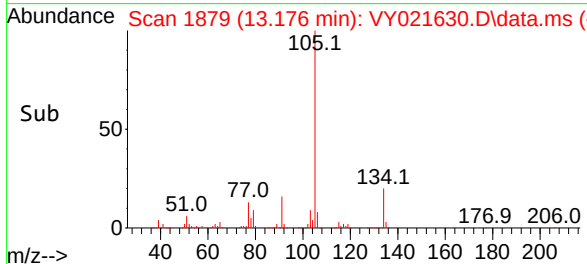
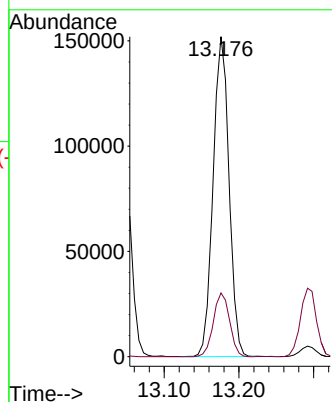
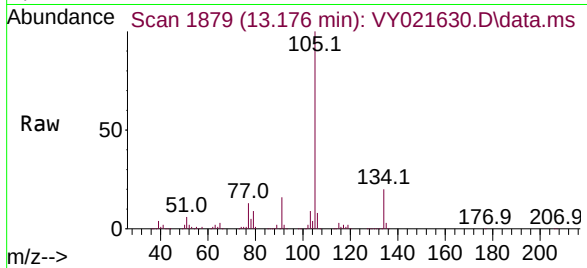




#85
 sec-Butylbenzene
 Concen: 20.013 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021630.D
 Acq: 25 Mar 2025 12:36

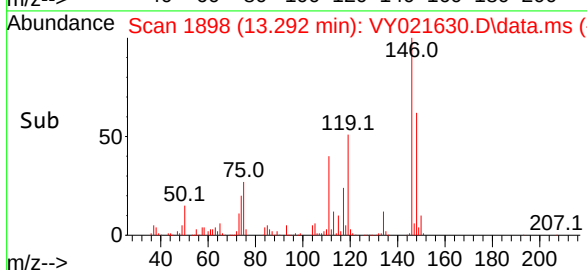
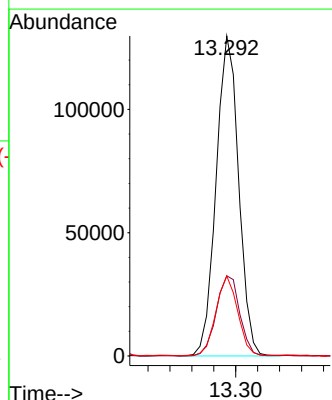
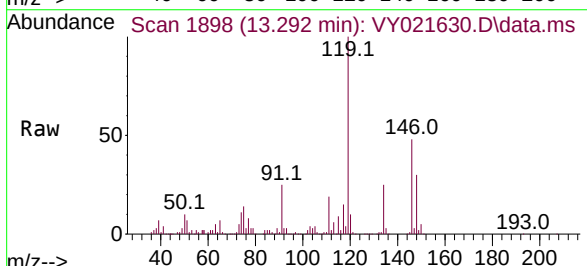
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

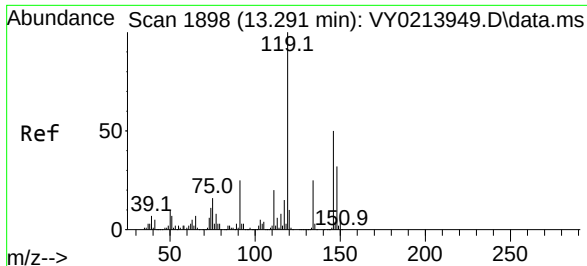
Tgt Ion:105 Resp: 224835
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.019 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021630.D
 Acq: 25 Mar 2025 12:36

Tgt Ion:119 Resp: 185291
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 20.554 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

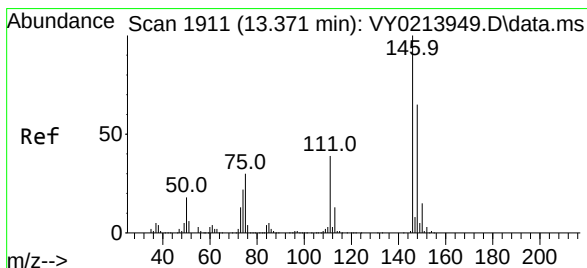
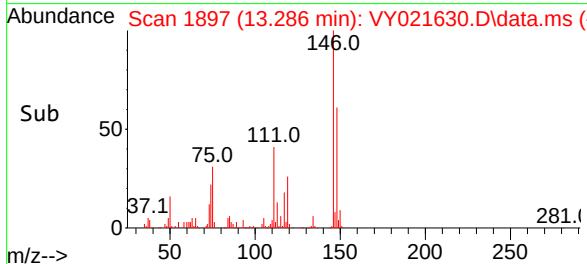
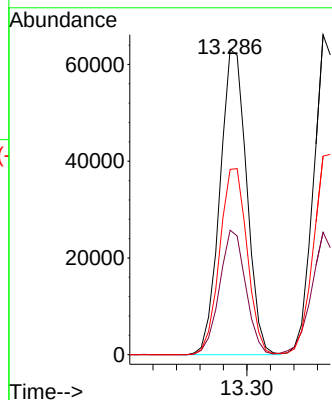
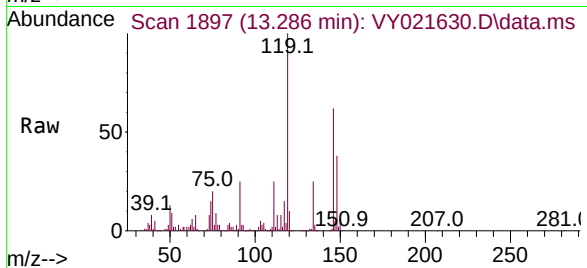
Tgt Ion:146 Resp: 99696

Ion Ratio Lower Upper

146 100

111 40.1 20.0 60.0

148 62.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.828 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

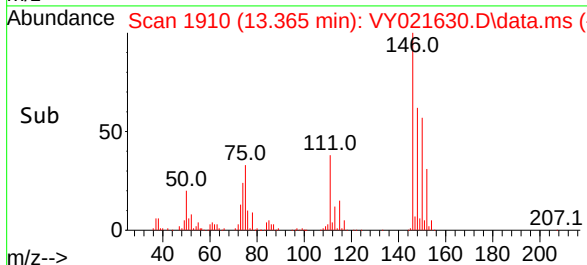
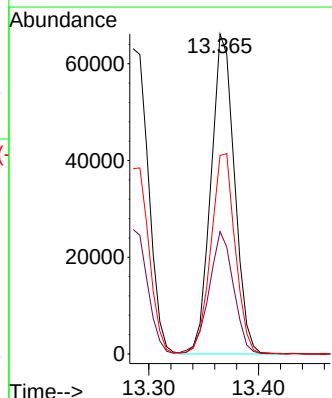
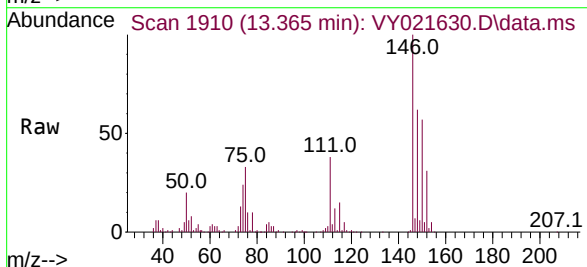
Tgt Ion:146 Resp: 98800

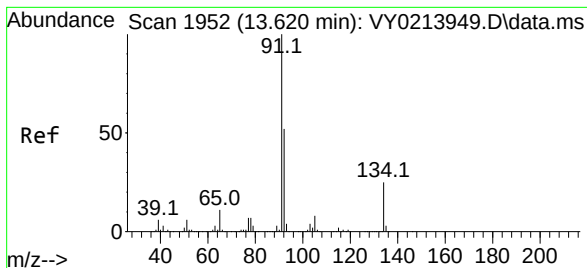
Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.8

148 64.6 32.3 96.8





#89

n-Butylbenzene

Concen: 19.791 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

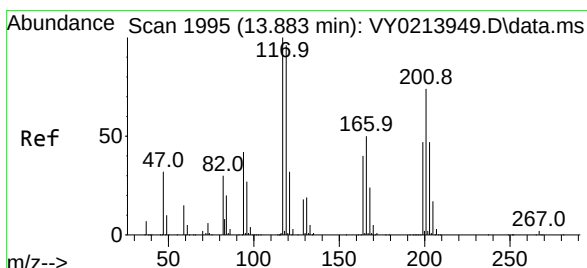
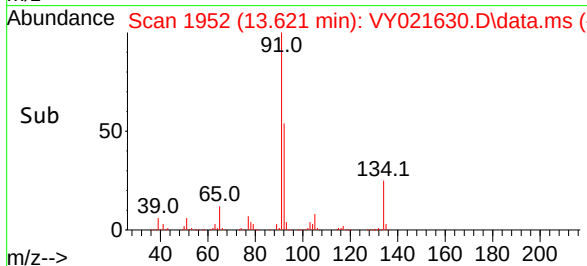
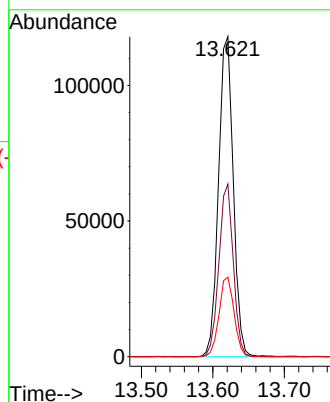
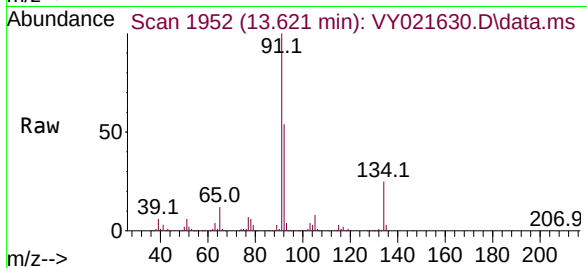
Tgt Ion: 91 Resp: 169151

Ion Ratio Lower Upper

91 100

92 52.6 26.1 78.3

134 25.3 12.6 37.8



#90

Hexachloroethane

Concen: 21.130 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021630.D

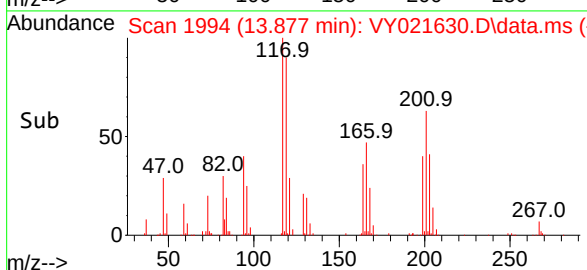
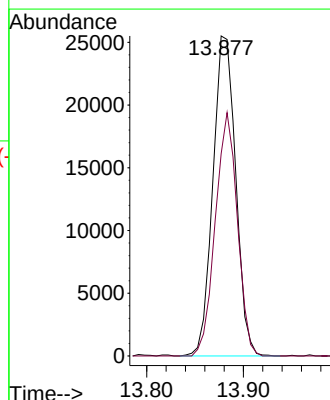
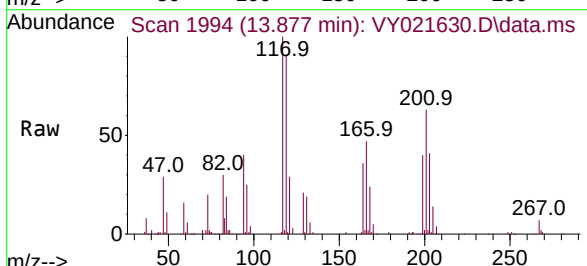
Acq: 25 Mar 2025 12:36

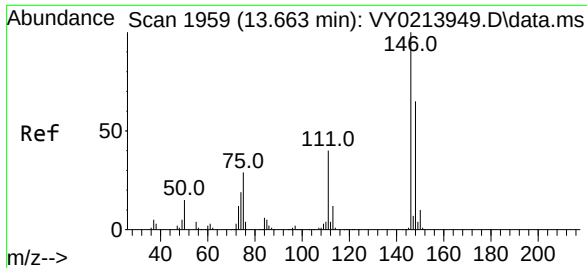
Tgt Ion: 117 Resp: 41721

Ion Ratio Lower Upper

117 100

201 73.3 37.4 112.2

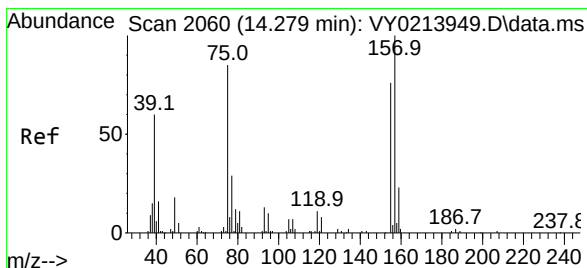
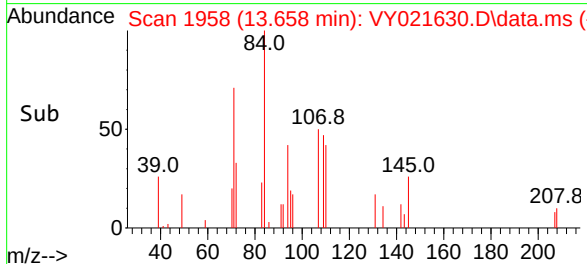
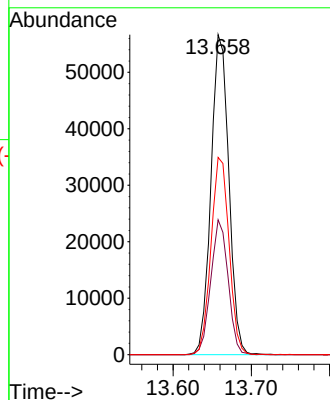
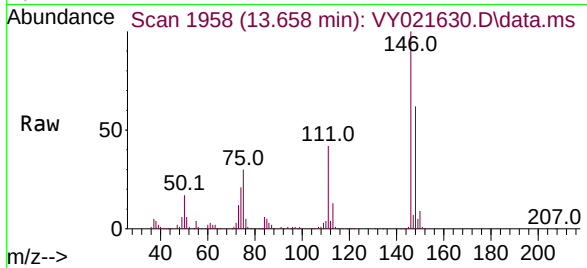




#91
1,2-Dichlorobenzene
Concen: 21.518 ug/l
RT: 13.658 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

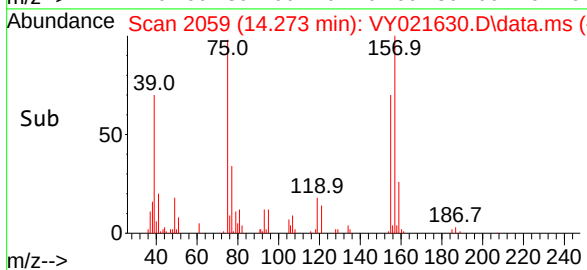
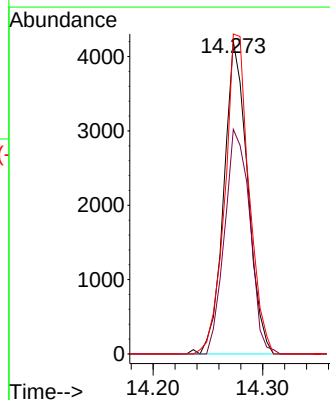
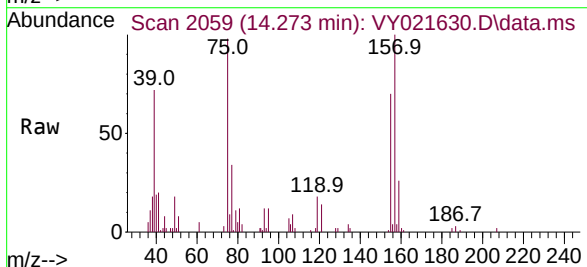
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

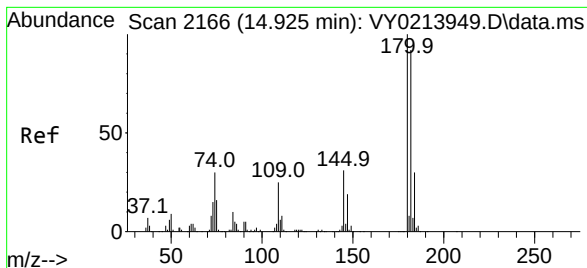
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.7	62.1
148	62.6	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.966 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.4	43.5	130.5
157	104.1	54.4	163.2





#93

1,2,4-Trichlorobenzene

Concen: 21.335 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

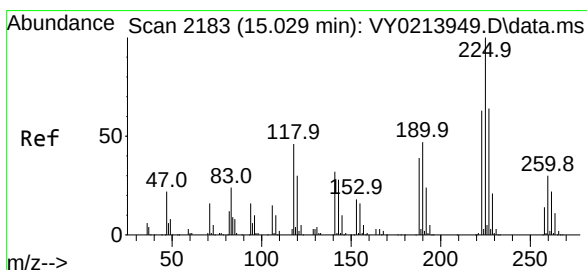
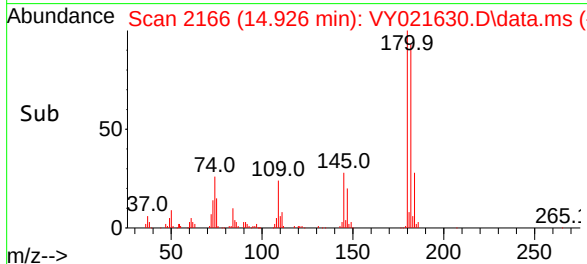
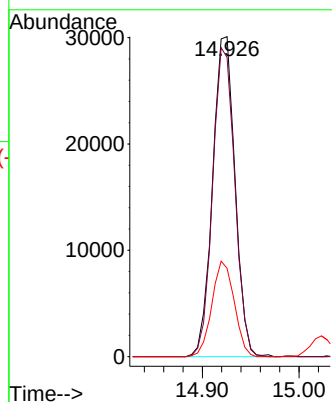
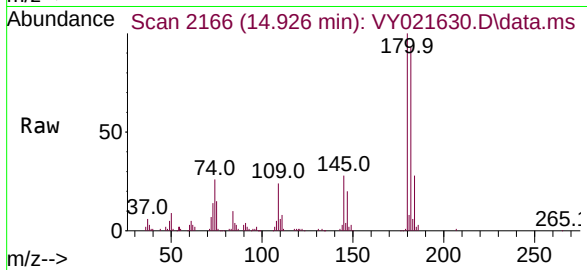
Tgt Ion:180 Resp: 48445

Ion Ratio Lower Upper

180 100

182 95.3 46.7 140.0

145 29.7 15.6 46.8



#94

Hexachlorobutadiene

Concen: 21.638 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

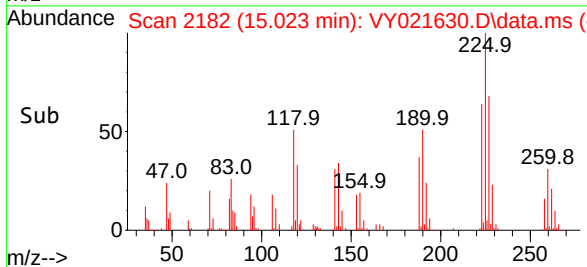
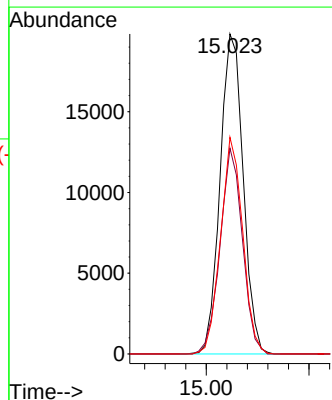
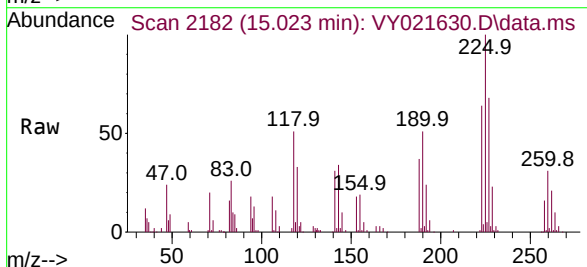
Tgt Ion:225 Resp: 30799

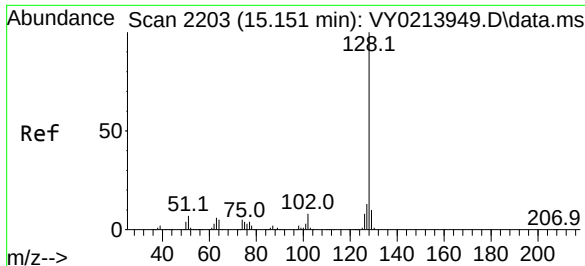
Ion Ratio Lower Upper

225 100

223 62.3 31.4 94.2

227 64.9 31.8 95.4

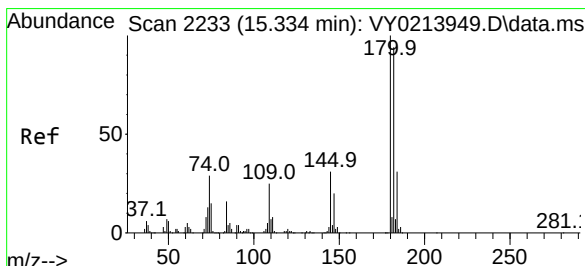
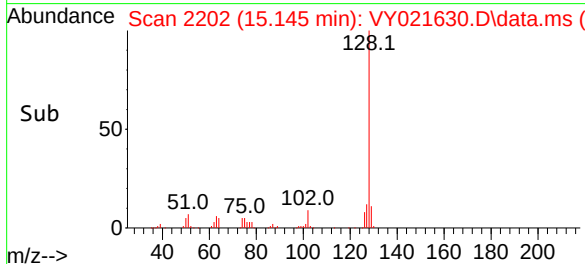
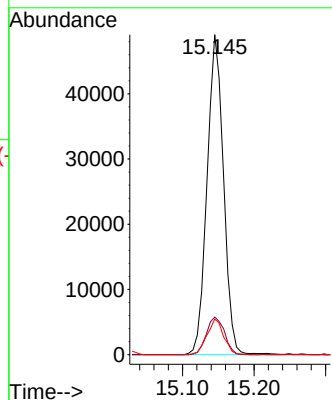
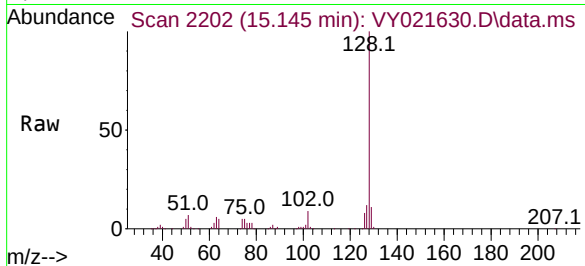




#95
Naphthalene
Concen: 22.447 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tgt Ion:128 Resp: 78521
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.805 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion:180 Resp: 41642
Ion Ratio Lower Upper
180 100
182 97.8 47.2 141.6
145 32.7 16.4 49.1

