

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022425\
 Data File : VY021305.D
 Acq On : 24 Feb 2025 16:59
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 25 01:25:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022425S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 25 01:17:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	151073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	232353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	207137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	103625	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	250308	155.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 311.660%#	
35) Dibromofluoromethane	7.634	113	232071	156.278	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 312.560%#	
50) Toluene-d8	10.103	98	892260	164.023	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 328.040%#	
62) 4-Bromofluorobenzene	12.408	95	299340	159.336	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 318.680%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	113523	111.484	ug/l	97
3) Chloromethane	2.068	50	163190	135.491	ug/l	99
4) Vinyl Chloride	2.202	62	173701	129.947	ug/l	99
5) Bromomethane	2.586	94	111085	121.856	ug/l	99
6) Chloroethane	2.733	64	112832	123.757	ug/l	100
7) Trichlorofluoromethane	3.056	101	260305	116.959	ug/l	98
8) Diethyl Ether	3.452	74	81737	118.798	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	149530	111.671	ug/l	99
10) Methyl Iodide	4.001	142	174900	138.811	ug/l	99
11) Tert butyl alcohol	4.866	59	57512	426.201	ug/l	99
12) 1,1-Dichloroethene	3.787	96	145621	128.295	ug/l	98
13) Acrolein	3.653	56	35059	667.719	ug/l	97
14) Allyl chloride	4.385	41	266553	126.957	ug/l	99
15) Acrylonitrile	5.055	53	181793	553.312	ug/l	99
16) Acetone	3.867	43	146871	488.522	ug/l	96
17) Carbon Disulfide	4.104	76	444635	167.503	ug/l	100
18) Methyl Acetate	4.385	43	107755	119.059	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	408996	113.683	ug/l	100
20) Methylene Chloride	4.616	84	160411	109.279	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	163442	131.525	ug/l	97
22) Diisopropyl ether	6.019	45	570719	115.148	ug/l	99
23) Vinyl Acetate	5.958	43	1658705	600.034	ug/l	100
24) 1,1-Dichloroethane	5.915	63	313135	115.720	ug/l	99
25) 2-Butanone	6.890	43	246254	534.011	ug/l	96
26) 2,2-Dichloropropane	6.884	77	279934	110.770	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	196789	121.281	ug/l	99
28) Bromochloromethane	7.244	49	206992	169.292	ug/l	100
29) Tetrahydrofuran	7.256	42	166926	580.795	ug/l	99
30) Chloroform	7.421	83	321381	112.734	ug/l	96
31) Cyclohexane	7.701	56	263722	126.368	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	292572	114.980	ug/l	99
36) 1,1-Dichloropropene	7.835	75	230646	128.433	ug/l	100
37) Ethyl Acetate	6.982	43	115143	114.112	ug/l	99
38) Carbon Tetrachloride	7.817	117	263592	118.683	ug/l	98
39) Methylcyclohexane	9.110	83	288877	139.000	ug/l	99
40) Benzene	8.079	78	692428	124.105	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	62084	115.590	ug/l	96
42) 1,2-Dichloroethane	8.159	62	200320	117.569	ug/l	99
43) Isopropyl Acetate	8.195	43	234824	115.561	ug/l #	88
44) Trichloroethene	8.866	130	172350	123.537	ug/l	99
45) 1,2-Dichloropropane	9.140	63	167424	115.109	ug/l	97
46) Dibromomethane	9.231	93	93725	117.787	ug/l	99
47) Bromodichloromethane	9.420	83	251351	113.580	ug/l	100
48) Methyl methacrylate	9.219	41	116239	125.882	ug/l	97
49) 1,4-Dioxane	9.225	88	20402	2252.939	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	613362	567.849	ug/l	99
52) Toluene	10.170	92	442294	124.281	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	237505	119.360	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	271555	120.208	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	119821	108.377	ug/l	97
56) Ethyl methacrylate	10.439	69	183076	126.773	ug/l	99
57) 1,3-Dichloropropane	10.719	76	213688	114.126	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	653192	902.659	ug/l	100
59) 2-Hexanone	10.762	43	414172	584.962	ug/l	98
60) Dibromochloromethane	10.908	129	168163	111.464	ug/l	100
61) 1,2-Dibromoethane	11.012	107	113442	115.162	ug/l	98
64) Tetrachloroethene	10.646	164	158135	122.608	ug/l	96
65) Chlorobenzene	11.445	112	480116	116.881	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	170140	110.622	ug/l	99
67) Ethyl Benzene	11.518	91	881202	122.384	ug/l	100
68) m/p-Xylenes	11.627	106	652411	244.340	ug/l	100
69) o-Xylene	11.957	106	309858	120.642	ug/l	99
70) Styrene	11.969	104	522552	119.952	ug/l	99
71) Bromoform	12.133	173	97802	109.062	ug/l #	100
73) Isopropylbenzene	12.255	105	821910	117.421	ug/l	100
74) N-amyl acetate	12.072	43	225126	121.726	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	139836	106.073	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	101033m	105.299	ug/l	
77) Bromobenzene	12.530	156	189592	114.186	ug/l	98
78) n-propylbenzene	12.597	91	995982	117.128	ug/l	100
79) 2-Chlorotoluene	12.682	91	559467	114.372	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	668698	116.131	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	50227	113.859	ug/l	98
82) 4-Chlorotoluene	12.780	91	580471	114.095	ug/l	100
83) tert-Butylbenzene	12.999	119	611985	114.228	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	672510	115.907	ug/l	99
85) sec-Butylbenzene	13.176	105	881556	114.138	ug/l	99
86) p-Isopropyltoluene	13.292	119	747358	115.632	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	371724	109.946	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	361543	108.415	ug/l	99
89) n-Butylbenzene	13.621	91	707681	114.835	ug/l	100
90) Hexachloroethane	13.883	117	153580	110.828	ug/l	98
91) 1,2-Dichlorobenzene	13.658	146	325895	109.283	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	23555	109.028	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	214707	120.298	ug/l	99
94) Hexachlorobutadiene	15.023	225	125144	107.304	ug/l	98
95) Naphthalene	15.145	128	381489	128.911	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	182722	119.244	ug/l	100

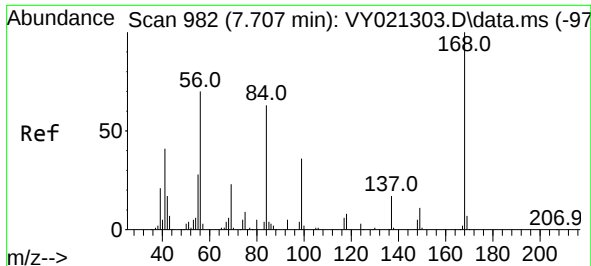
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022425\
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ClientSampleId :
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QLast Update : Tue Feb 25 01:17:25 2025
Response via : Initial Calibration

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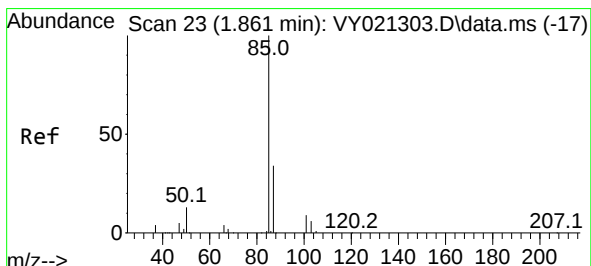
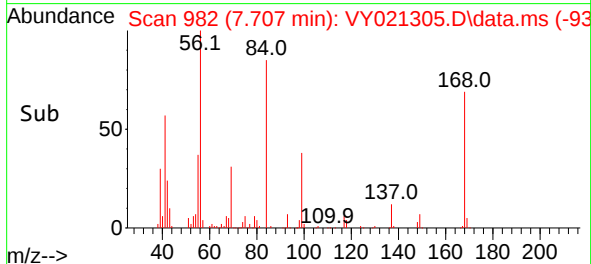
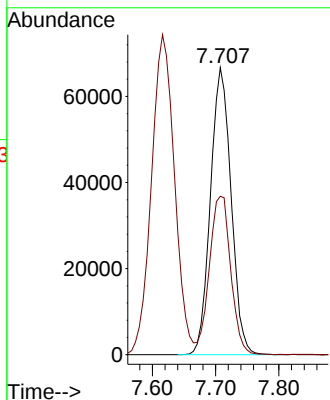
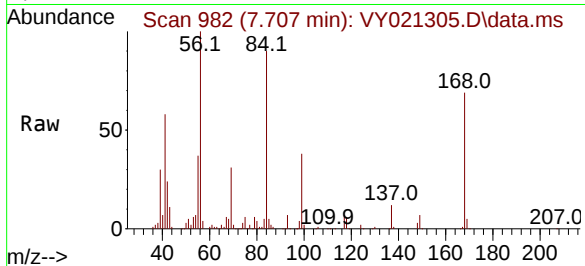
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

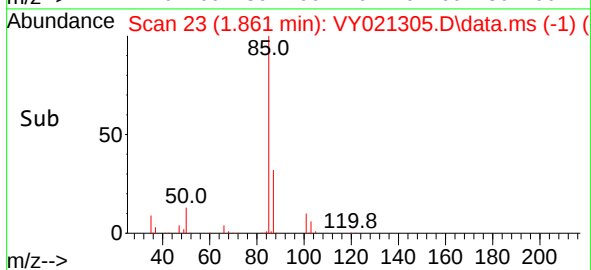
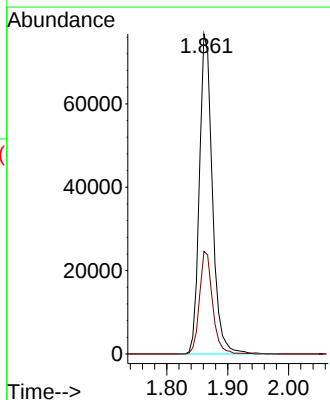
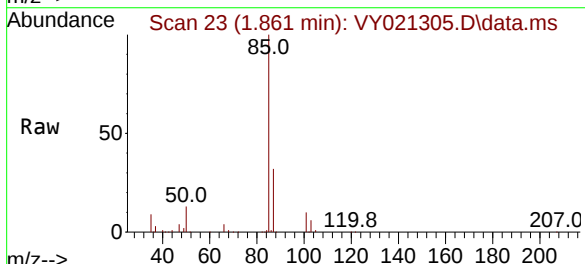
Instrument :
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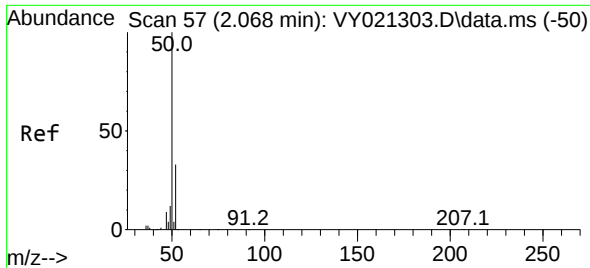
Tgt Ion:168 Resp: 151073
Ion Ratio Lower Upper
168 100
99 55.1 45.0 67.6



#2
Dichlorodifluoromethane
Concen: 111.484 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 85 Resp: 113523
Ion Ratio Lower Upper
85 100
87 32.0 16.9 50.7

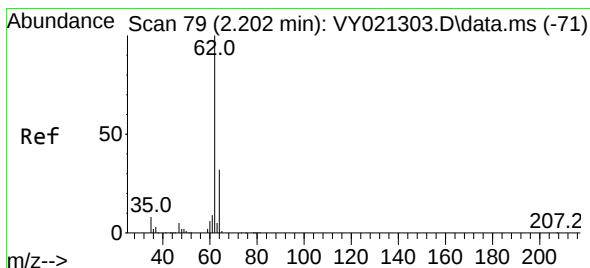
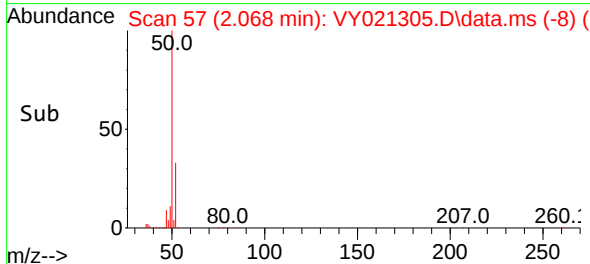
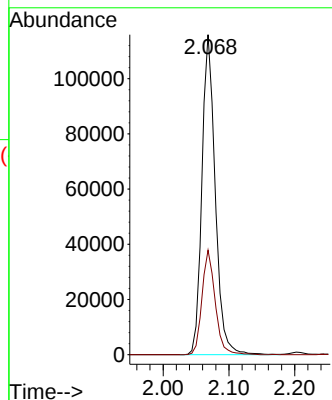
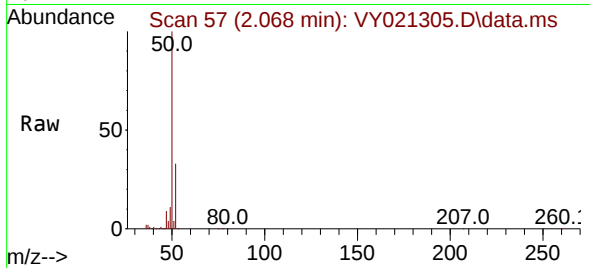




#3
Chloromethane
Concen: 135.491 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

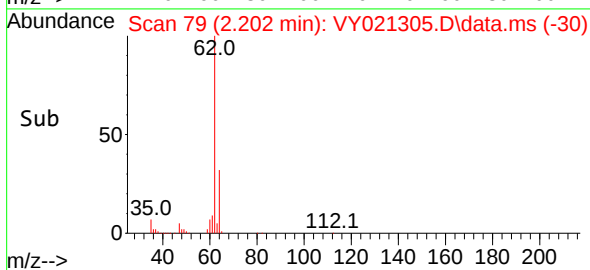
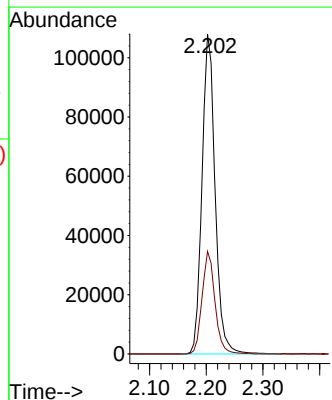
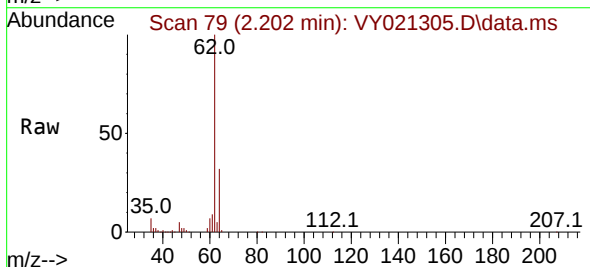
Instrument :
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ClientSampleId :
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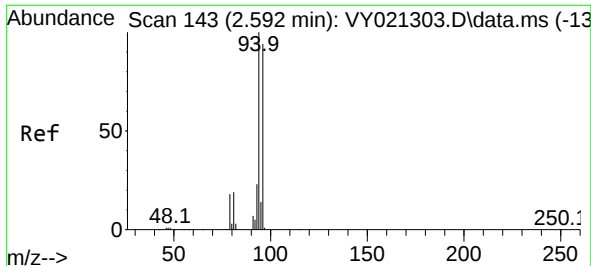
Tgt Ion: 50 Resp: 163190
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0



#4
Vinyl Chloride
Concen: 129.947 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 62 Resp: 173701
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0

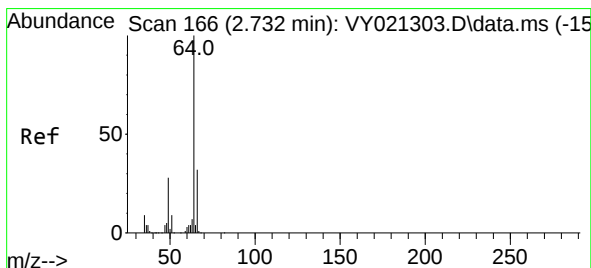
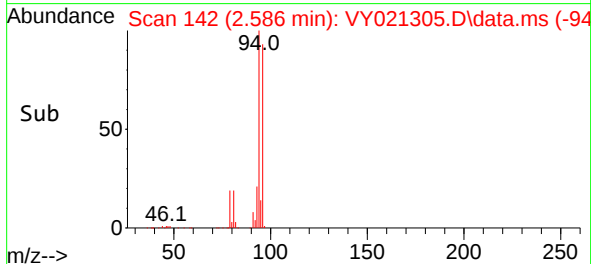
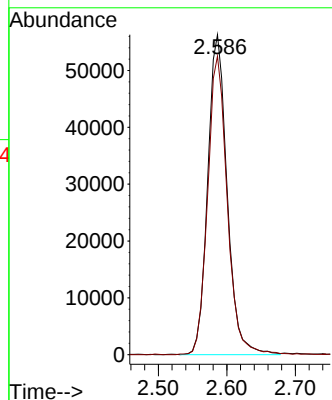
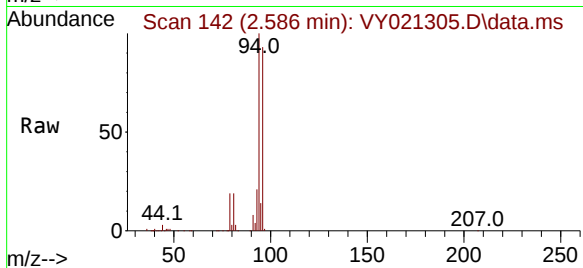




#5
Bromomethane
Concen: 121.856 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

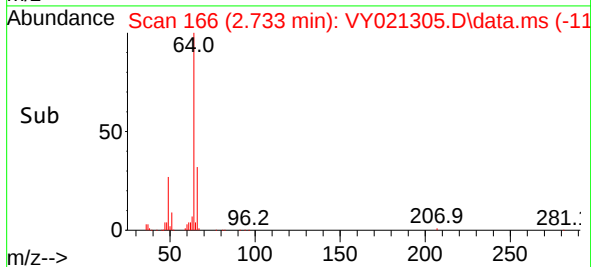
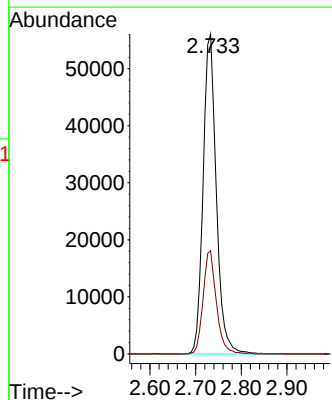
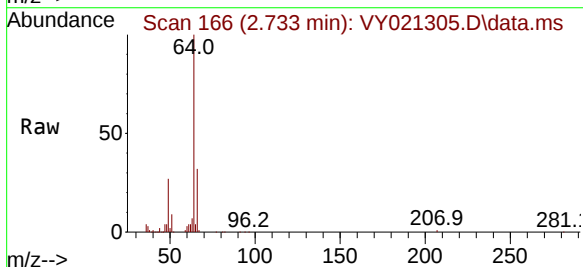
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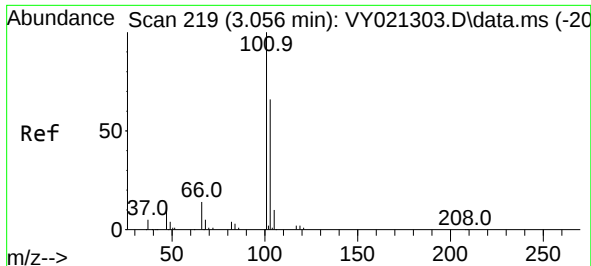
Tgt Ion: 94 Resp: 111085
Ion Ratio Lower Upper
94 100
96 93.1 75.2 112.8



#6
Chloroethane
Concen: 123.757 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.001 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 64 Resp: 112832
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.6

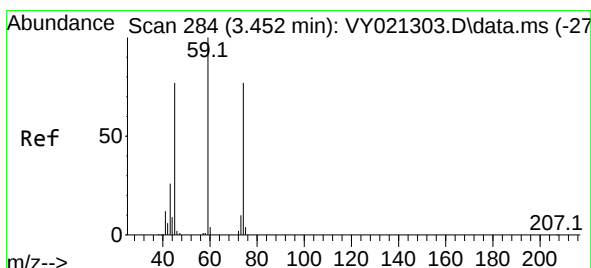
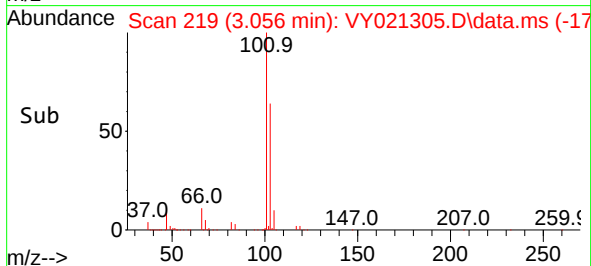
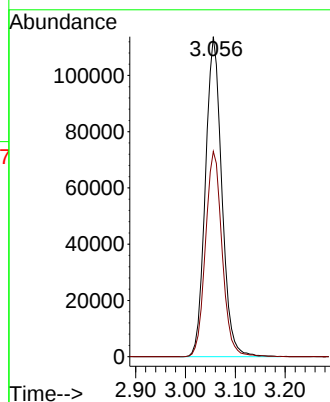
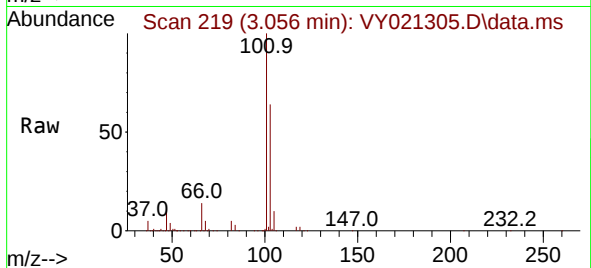




#7
 Trichlorofluoromethane
 Concen: 116.959 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021305.D
 Acq: 24 Feb 2025 16:59

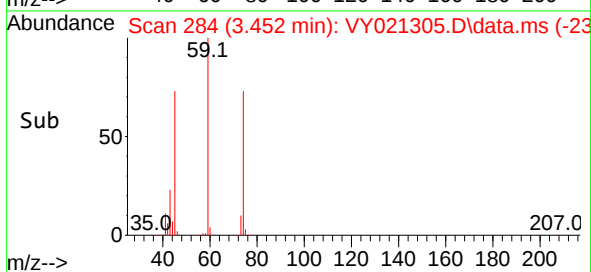
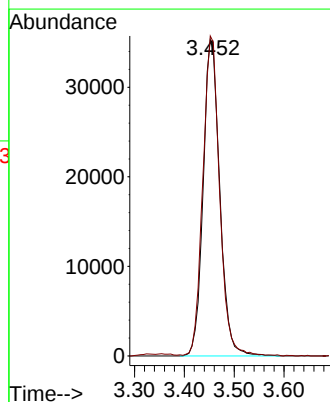
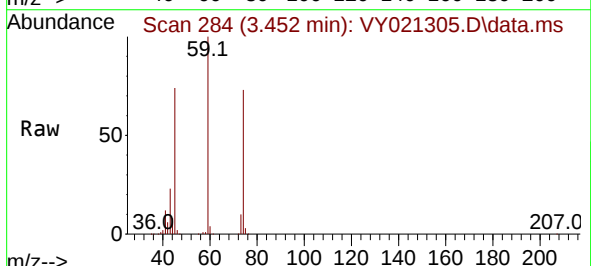
Instrument :
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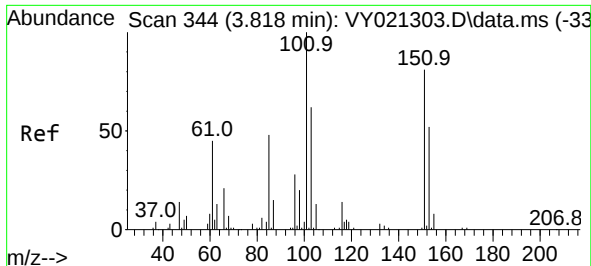
Tgt Ion:101 Resp: 260305
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.5 78.7



#8
 Diethyl Ether
 Concen: 118.798 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021305.D
 Acq: 24 Feb 2025 16:59

Tgt Ion: 74 Resp: 81737
 Ion Ratio Lower Upper
 74 100
 45 102.4 50.9 152.8

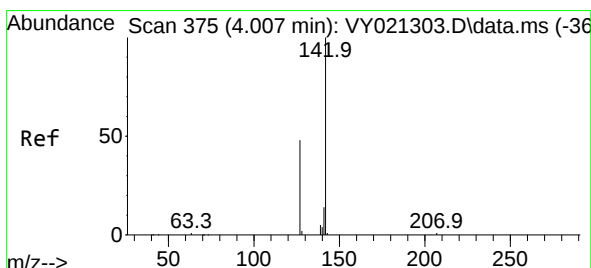
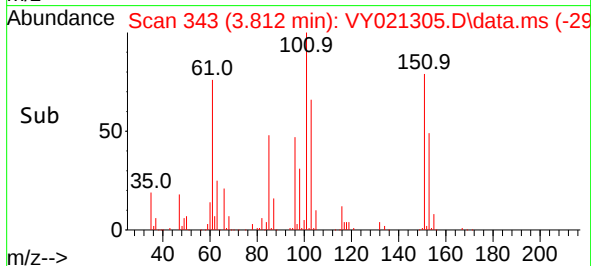
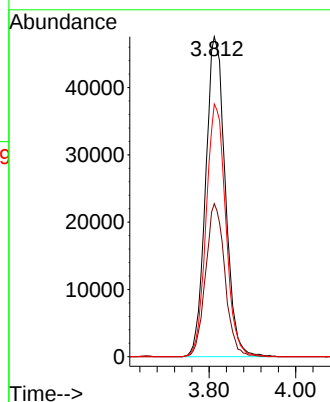
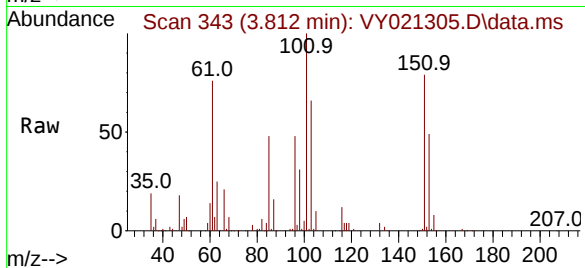




#9
1,1,2-Trichlorotrifluoroethane
Concen: 111.671 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

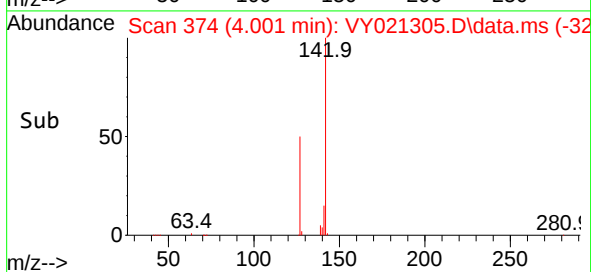
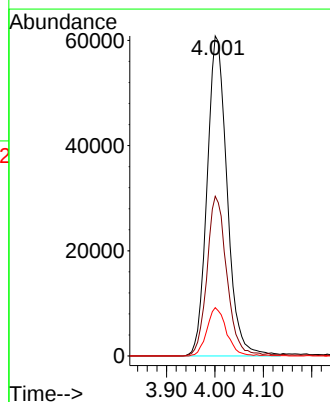
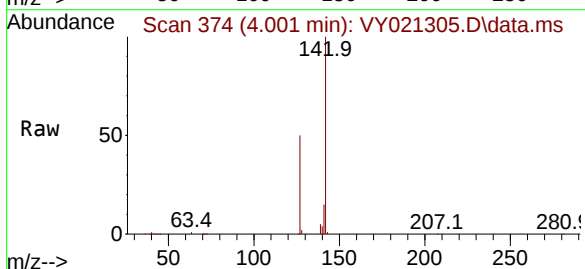
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

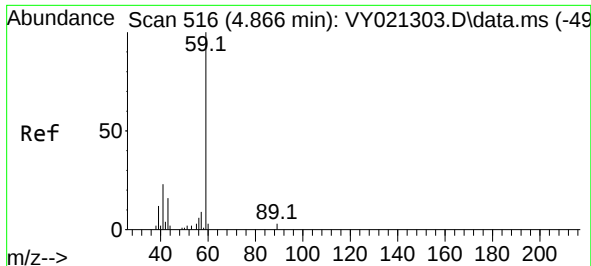
Tgt Ion:101 Resp: 149530
Ion Ratio Lower Upper
101 100
85 47.1 38.6 57.8
151 78.8 63.0 94.6



#10
Methyl Iodide
Concen: 138.811 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion:142 Resp: 174900
Ion Ratio Lower Upper
142 100
127 49.4 39.9 59.9
141 14.7 11.8 17.6

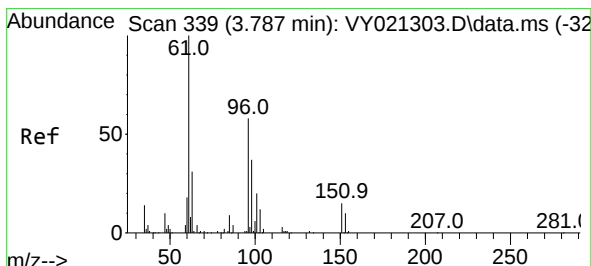
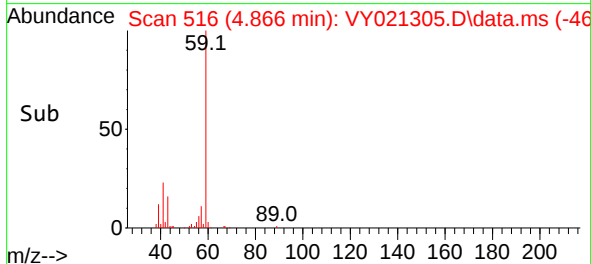
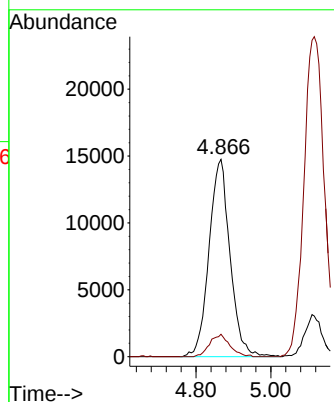
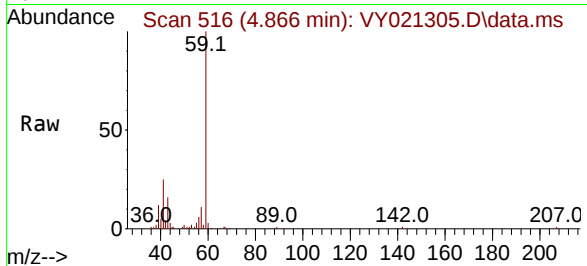




#11
Tert butyl alcohol
Concen: 426.201 ug/l
RT: 4.866 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

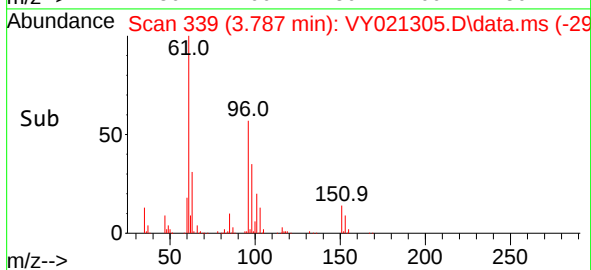
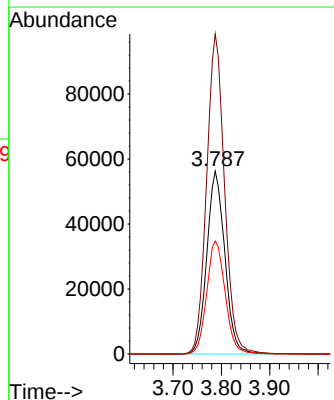
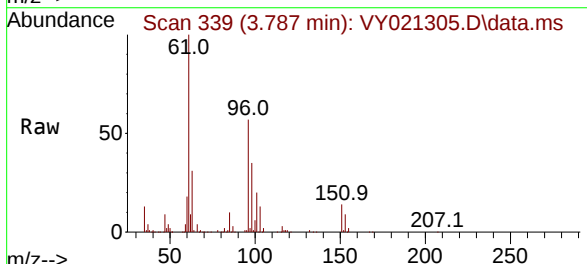
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

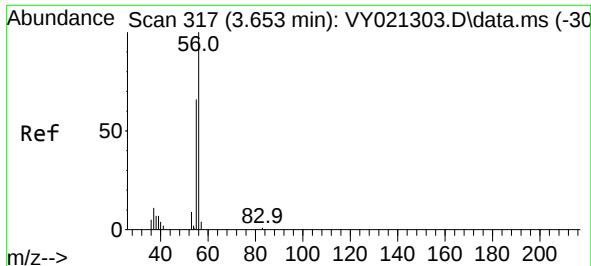
Tgt Ion: 59 Resp: 57512
Ion Ratio Lower Upper
59 100
57 10.9 9.0 13.4



#12
1,1-Dichloroethene
Concen: 128.295 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 96 Resp: 145621
Ion Ratio Lower Upper
96 100
61 175.1 137.8 206.6
98 61.8 50.8 76.2





#13

Acrolein

Concen: 667.719 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

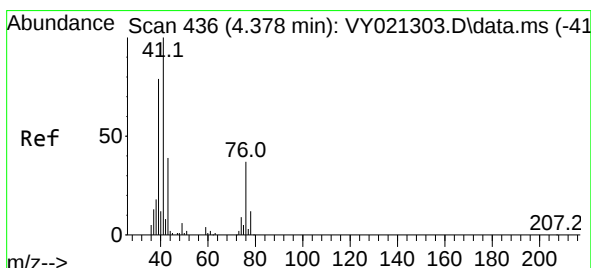
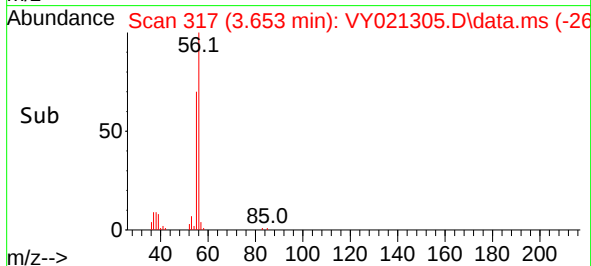
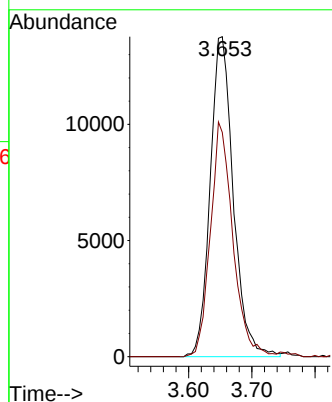
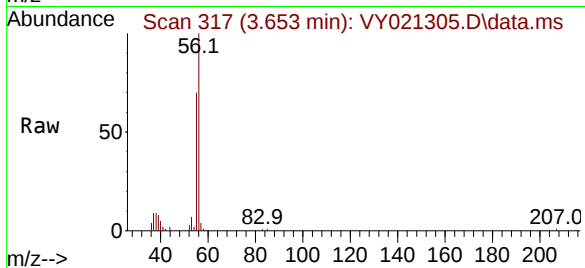
VSTDIC150

Tgt Ion: 56 Resp: 35059

Ion Ratio Lower Upper

56 100

55 71.1 54.8 82.2



#14

Allyl chloride

Concen: 126.957 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

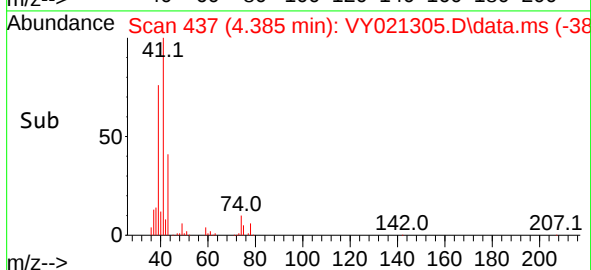
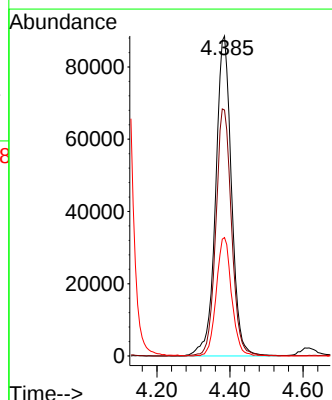
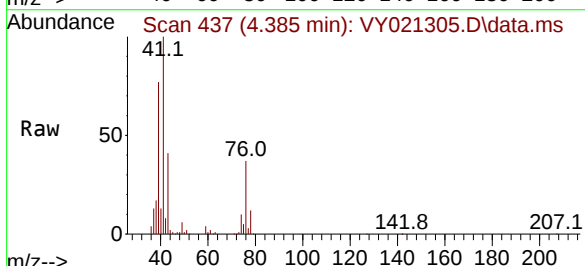
Tgt Ion: 41 Resp: 266553

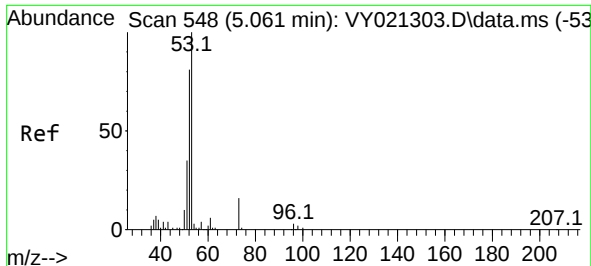
Ion Ratio Lower Upper

41 100

39 76.4 62.5 93.7

76 35.9 28.6 42.8

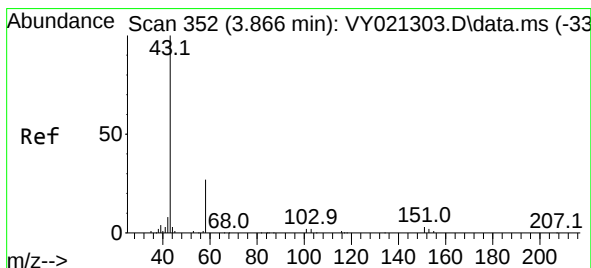
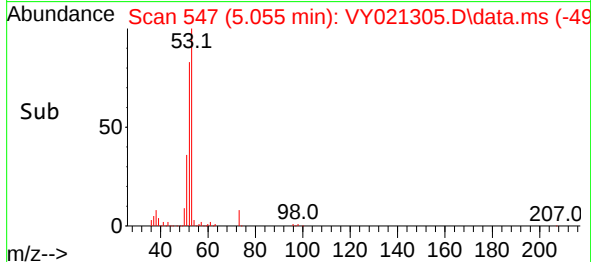
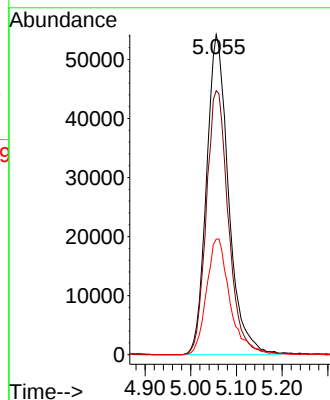
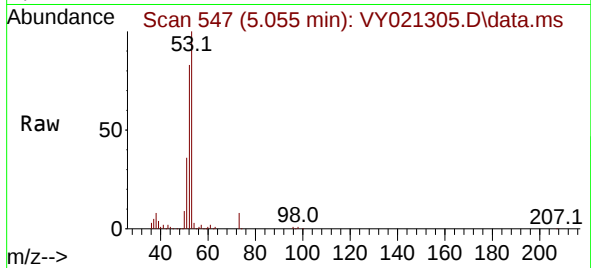




#15
Acrylonitrile
Concen: 553.312 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

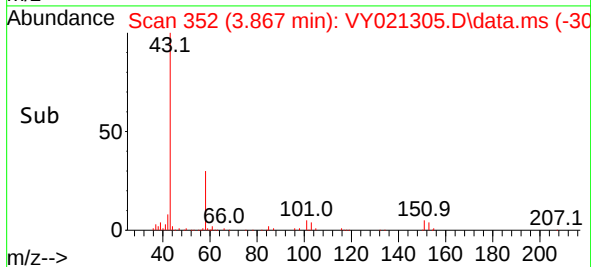
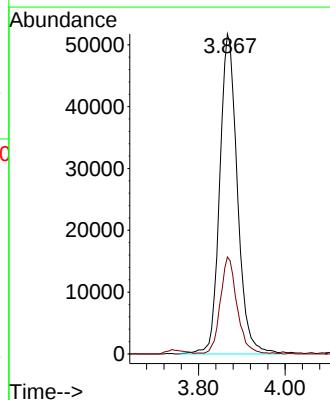
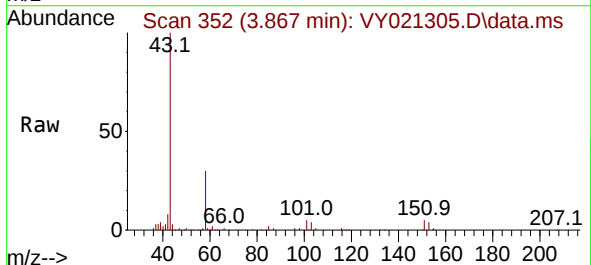
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

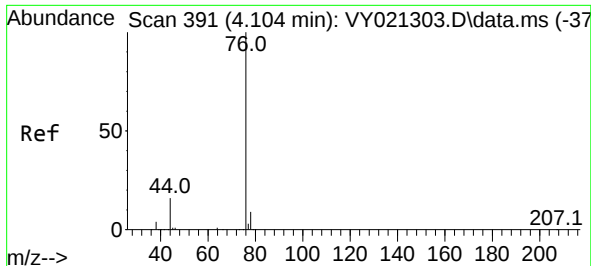
Tgt Ion: 53 Resp: 181793
Ion Ratio Lower Upper
53 100
52 82.8 65.5 98.3
51 38.7 30.4 45.6



#16
Acetone
Concen: 488.522 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.001 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 43 Resp: 146871
Ion Ratio Lower Upper
43 100
58 30.1 22.3 33.5

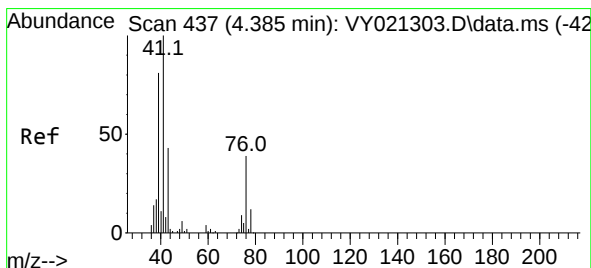
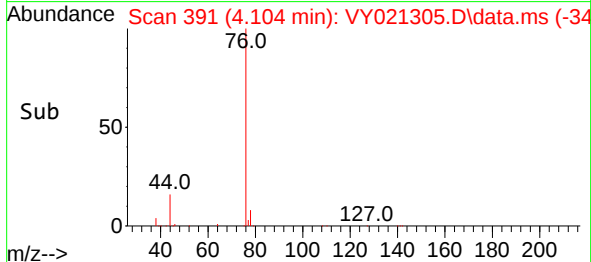
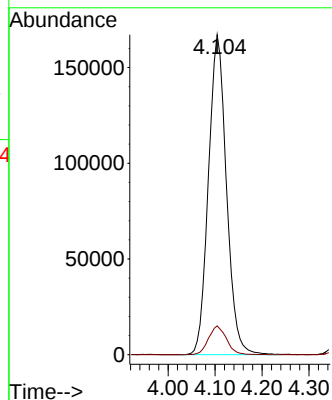
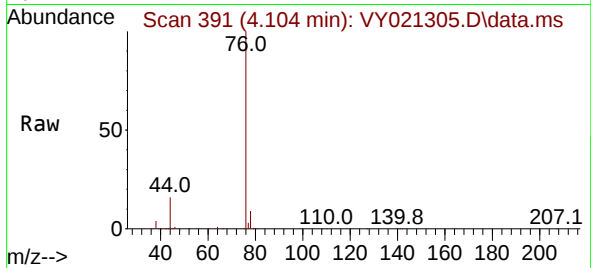




#17
Carbon Disulfide
Concen: 167.503 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

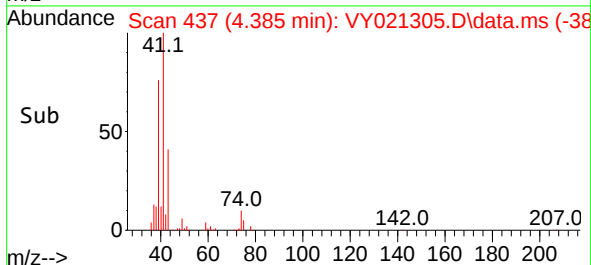
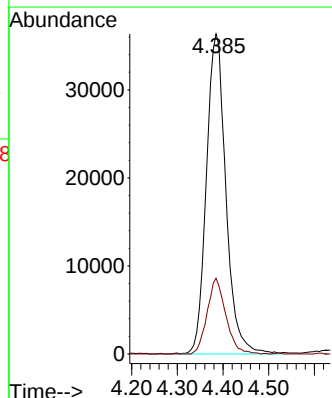
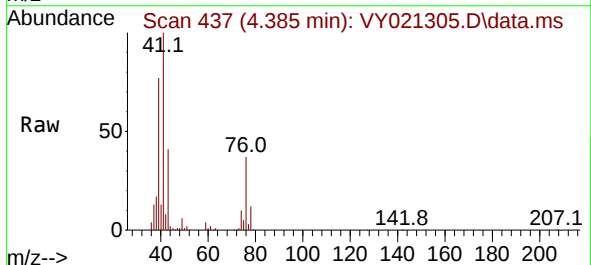
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

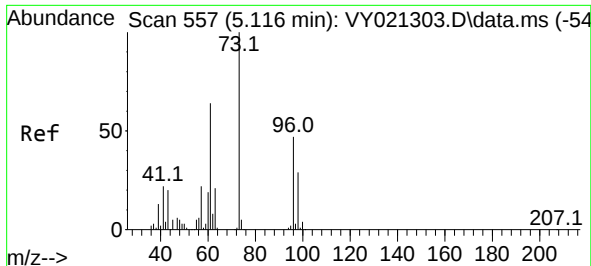
Tgt Ion: 76 Resp: 444635
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 119.059 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 43 Resp: 107755
Ion Ratio Lower Upper
43 100
74 22.7 18.3 27.5

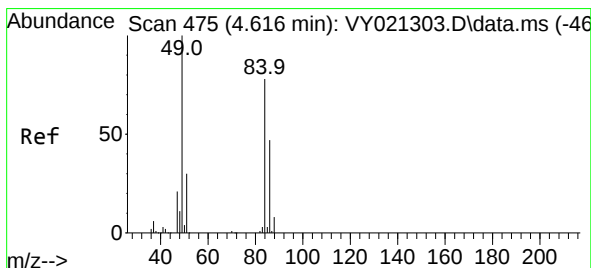
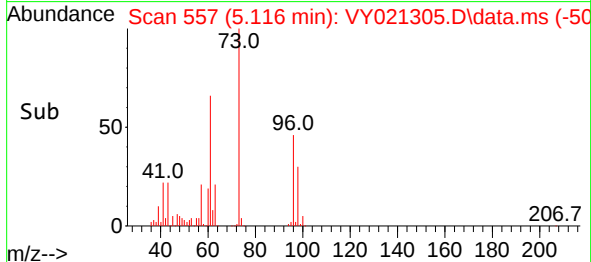
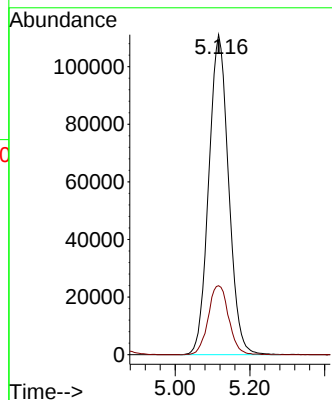
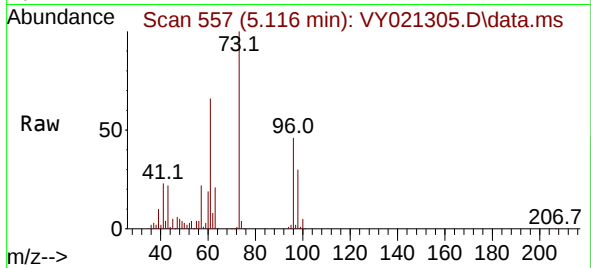




#19
Methyl tert-butyl Ether
Concen: 113.683 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

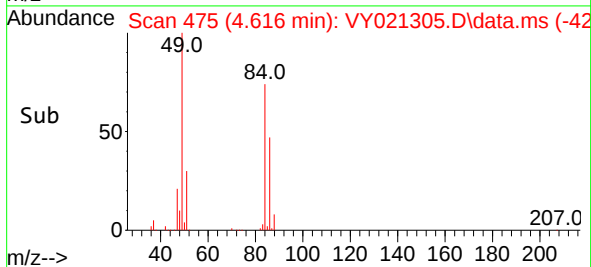
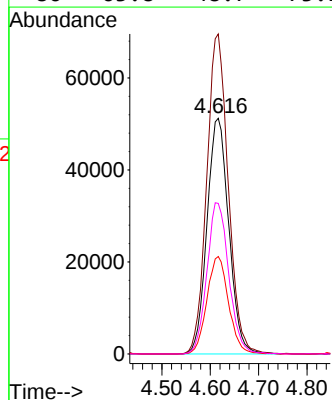
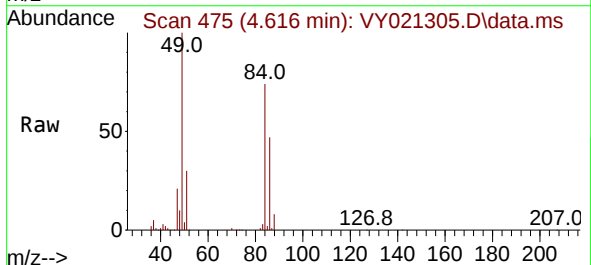
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

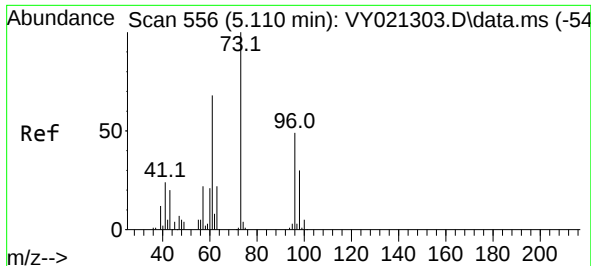
Tgt Ion: 73 Resp: 408996
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.0



#20
Methylene Chloride
Concen: 109.279 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 84 Resp: 160411
Ion Ratio Lower Upper
84 100
49 135.6 102.6 154.0
51 41.3 31.0 46.6
86 63.8 48.7 73.1

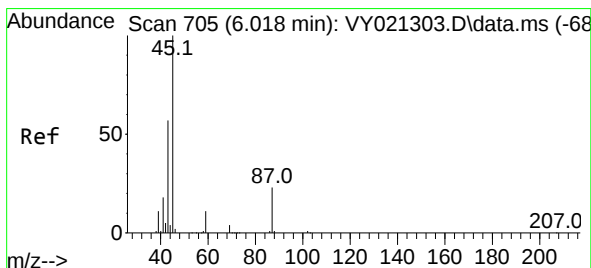
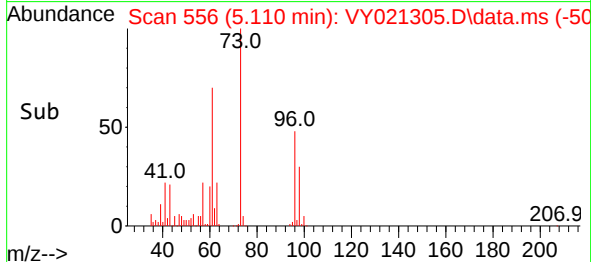
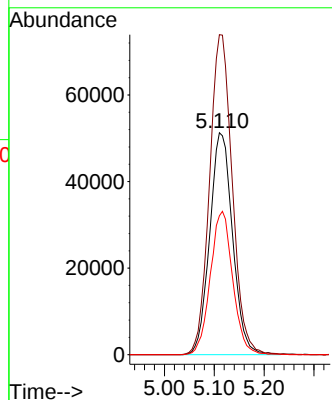
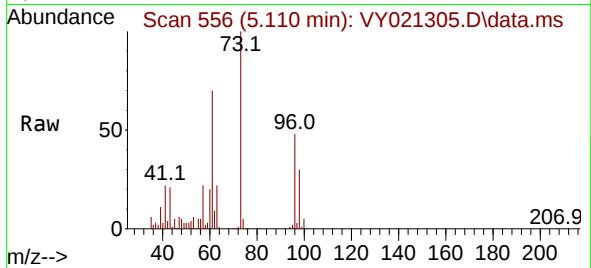




#21
trans-1,2-Dichloroethene
Concen: 131.525 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

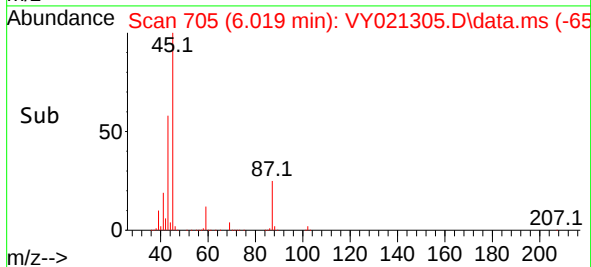
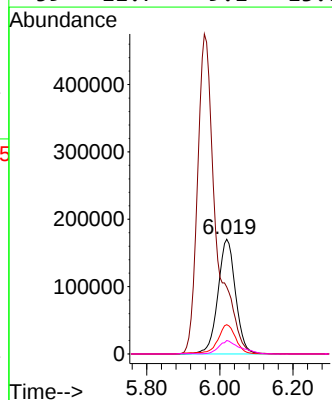
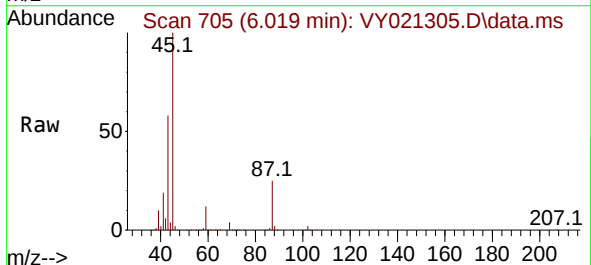
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

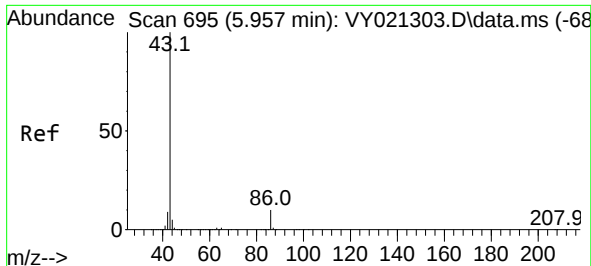
Tgt Ion: 96 Resp: 163442
Ion Ratio Lower Upper
96 100
61 144.2 111.7 167.5
98 62.6 49.3 73.9



#22
Diisopropyl ether
Concen: 115.148 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 45 Resp: 570719
Ion Ratio Lower Upper
45 100
43 58.1 46.4 69.6
87 25.5 19.2 28.8
59 11.7 9.1 13.7

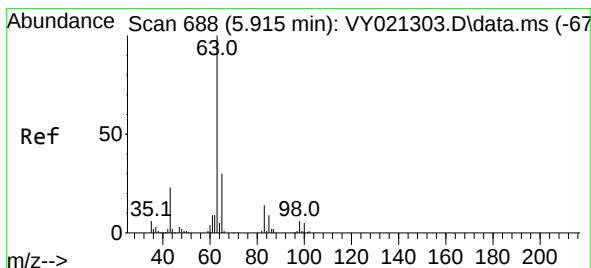
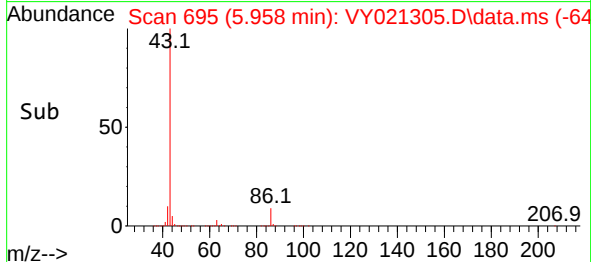
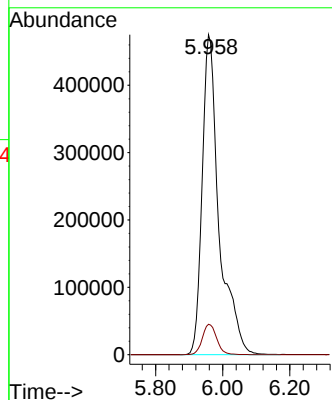
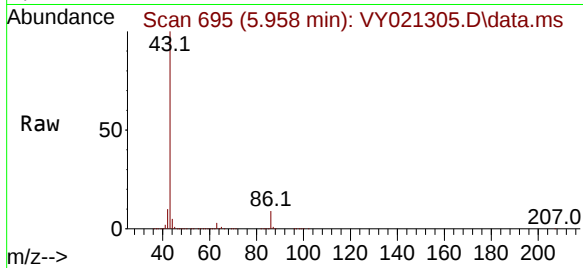




#23
 Vinyl Acetate
 Concen: 600.034 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY021305.D
 Acq: 24 Feb 2025 16:59

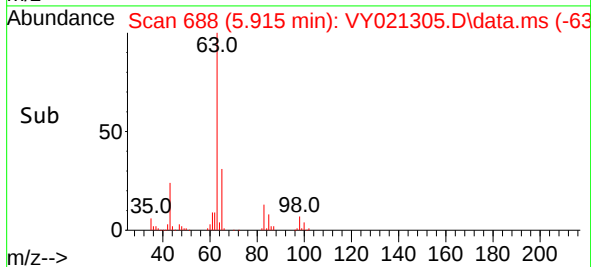
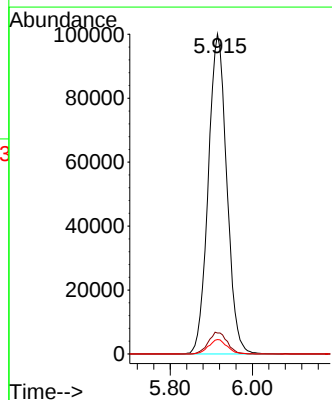
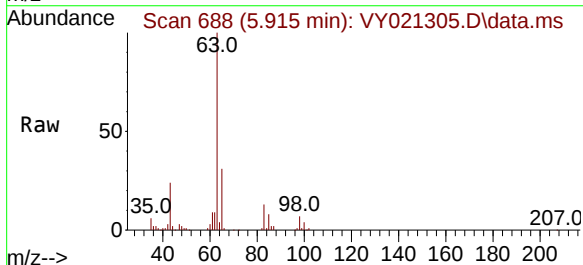
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

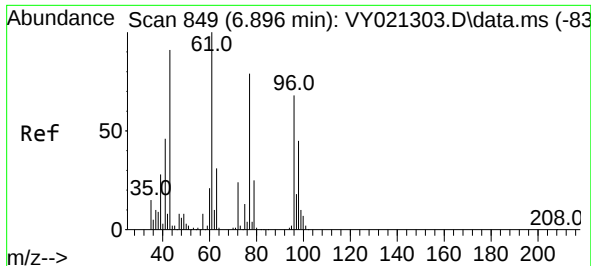
Tgt Ion: 43 Resp: 1658705
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 115.720 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021305.D
 Acq: 24 Feb 2025 16:59

Tgt Ion: 63 Resp: 313135
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.0 9.2
 100 4.5 2.3 6.9

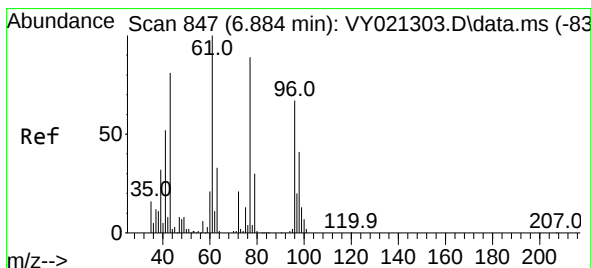
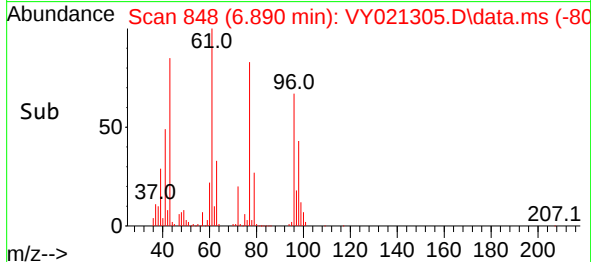
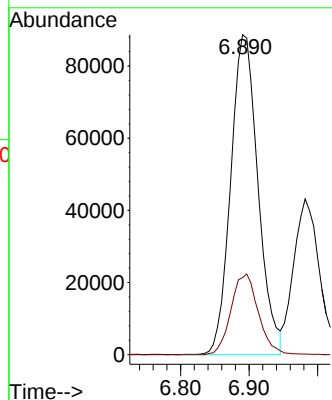
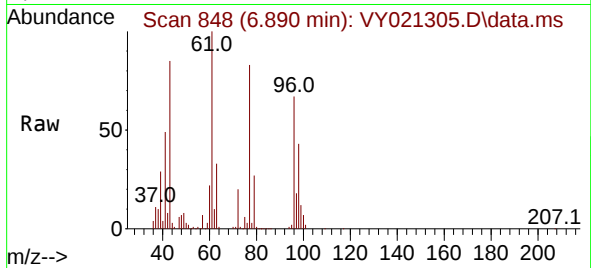




#25
2-Butanone
Concen: 534.011 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

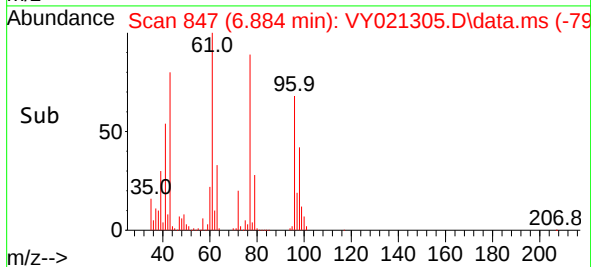
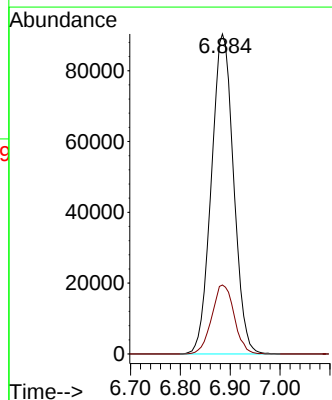
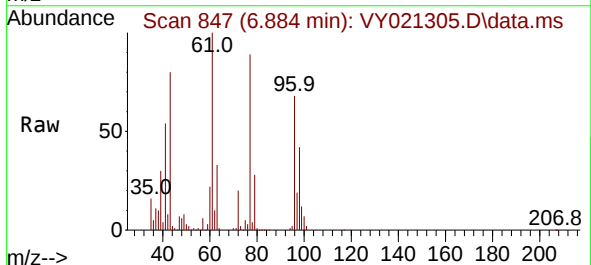
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

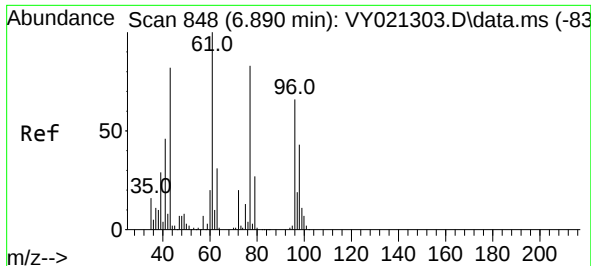
Tgt Ion: 43 Resp: 246254
Ion Ratio Lower Upper
43 100
72 24.1 20.9 31.3



#26
2,2-Dichloropropane
Concen: 110.770 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 77 Resp: 279934
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.7

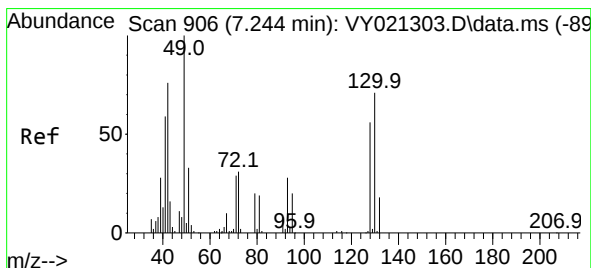
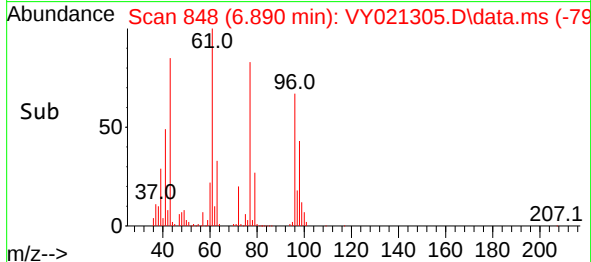
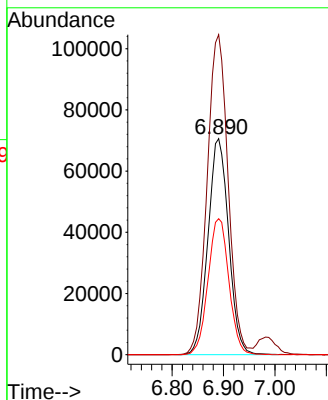
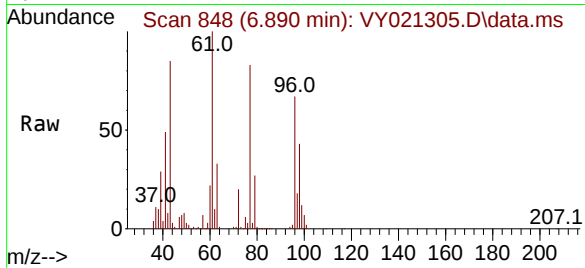




#27
 cis-1,2-Dichloroethene
 Concen: 121.281 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY021305.D
 Acq: 24 Feb 2025 16:59

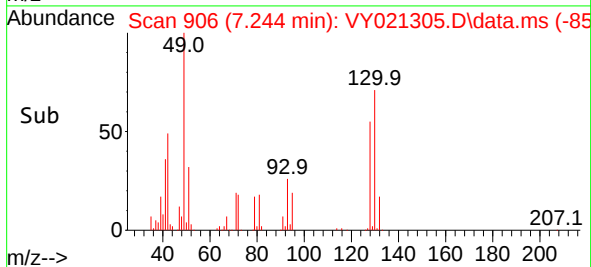
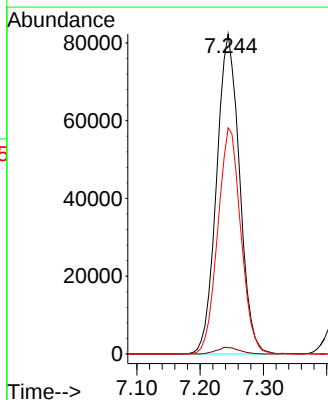
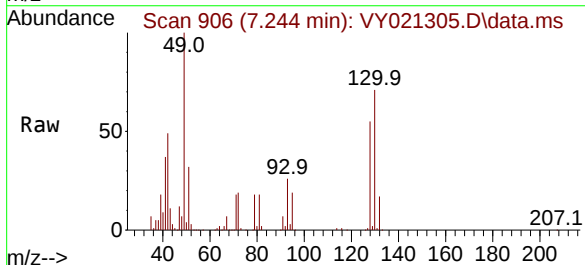
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

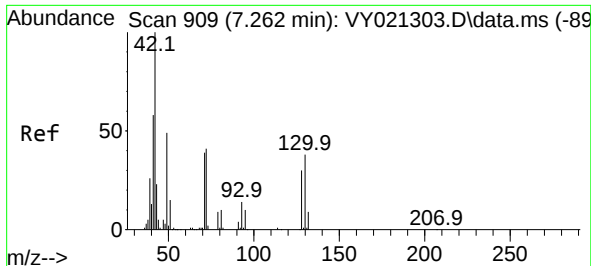
Tgt Ion: 96 Resp: 196789
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 303.6
 98 63.7 0.0 128.0



#28
 Bromochloromethane
 Concen: 169.292 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021305.D
 Acq: 24 Feb 2025 16:59

Tgt Ion: 49 Resp: 206992
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 71.1 56.8 85.2





#29

Tetrahydrofuran

Concen: 580.795 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

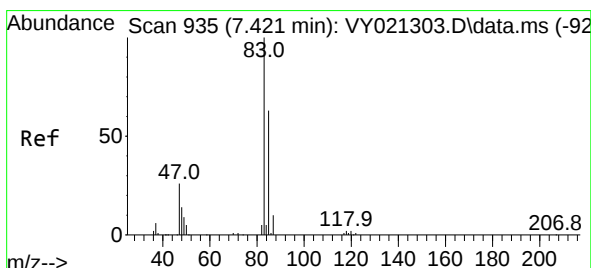
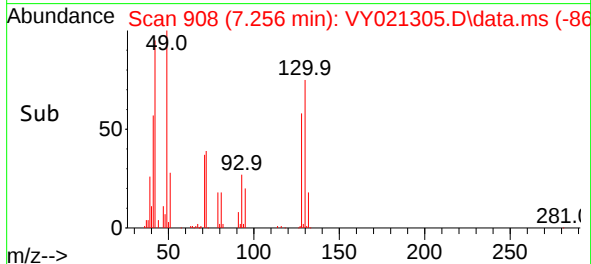
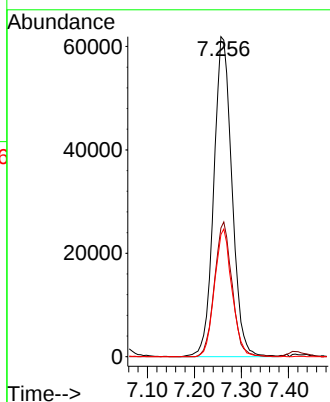
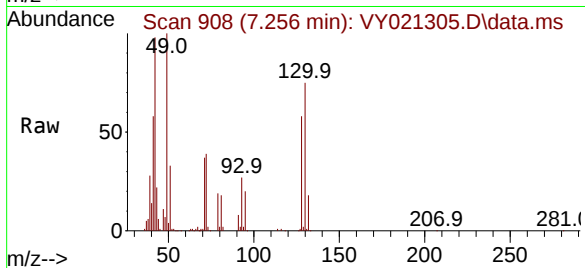
Tgt Ion: 42 Resp: 166926

Ion Ratio Lower Upper

42 100

72 40.6 32.6 48.8

71 38.3 29.9 44.9



#30

Chloroform

Concen: 112.734 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021305.D

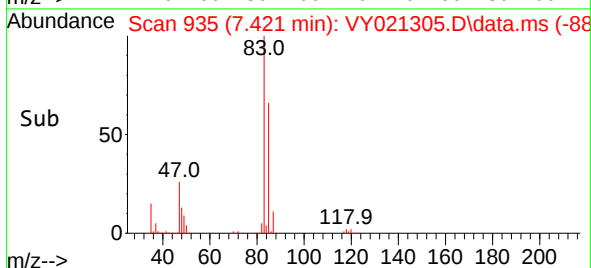
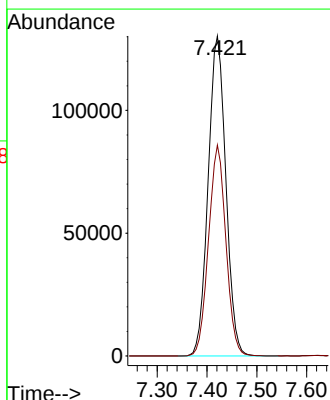
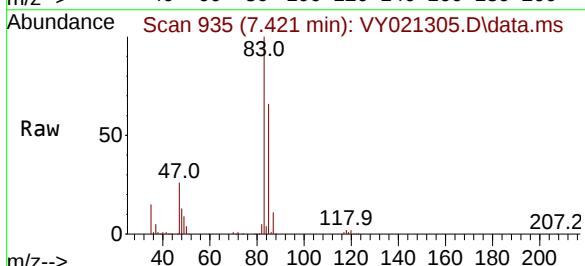
Acq: 24 Feb 2025 16:59

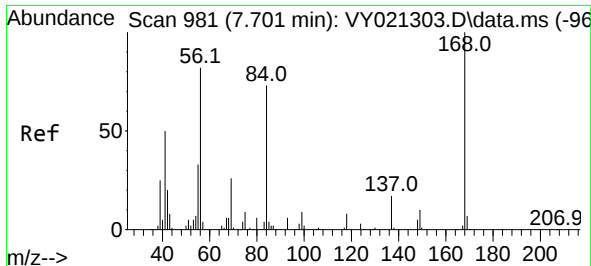
Tgt Ion: 83 Resp: 321381

Ion Ratio Lower Upper

83 100

85 65.9 50.1 75.1

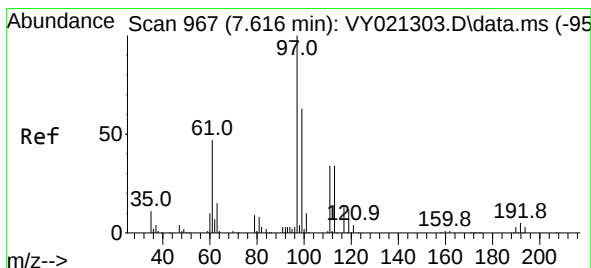
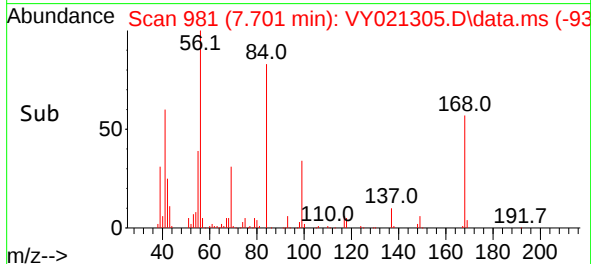
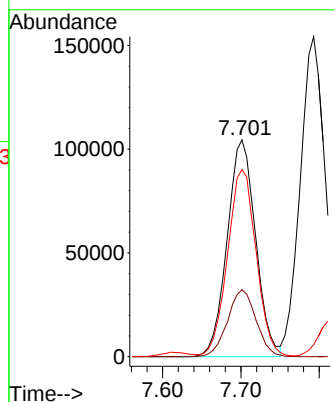
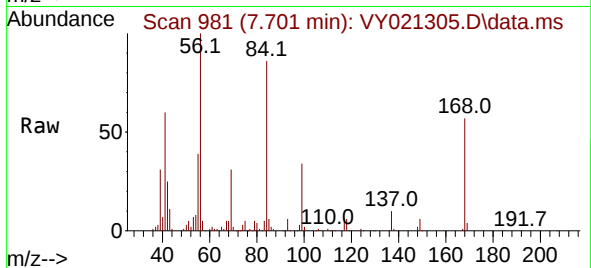




#31
Cyclohexane
Concen: 126.368 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

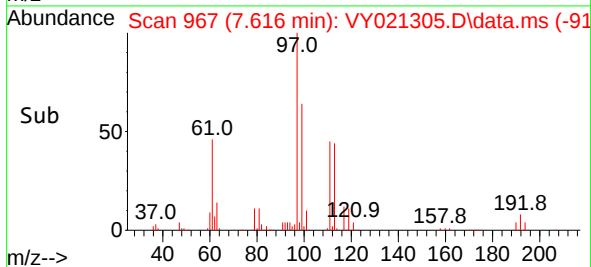
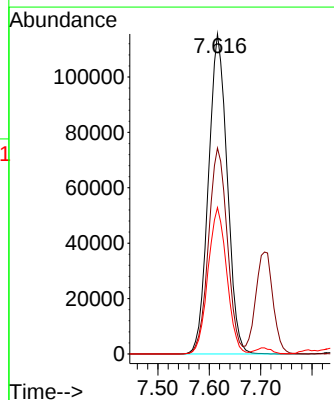
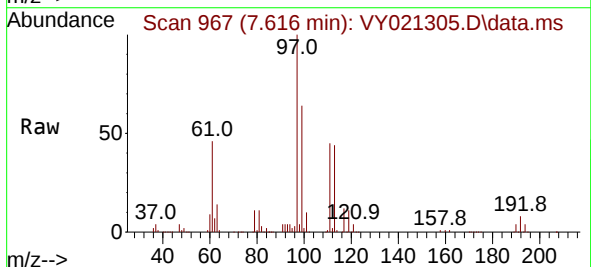
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

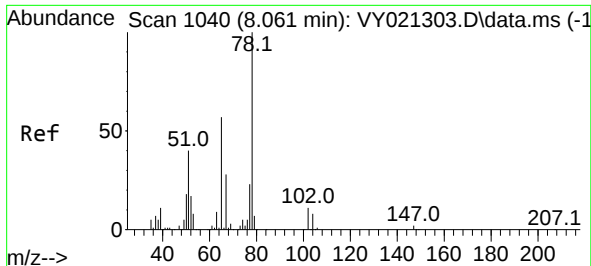
Tgt Ion: 56 Resp: 263722
Ion Ratio Lower Upper
56 100
69 30.9 25.8 38.6
84 84.4 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 114.980 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 97 Resp: 292572
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 45.9 37.0 55.6



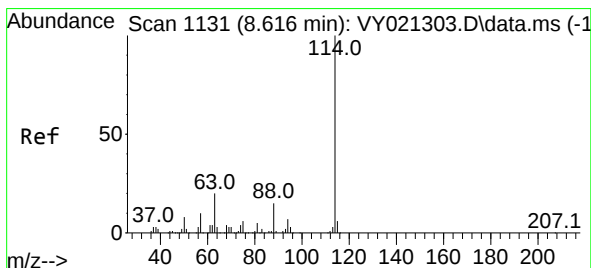
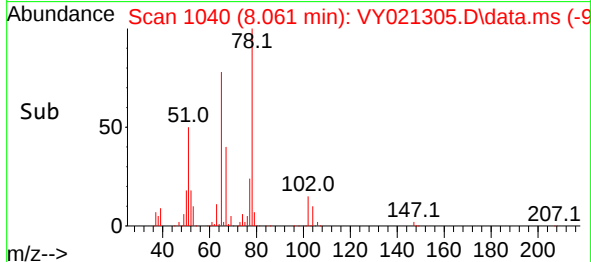
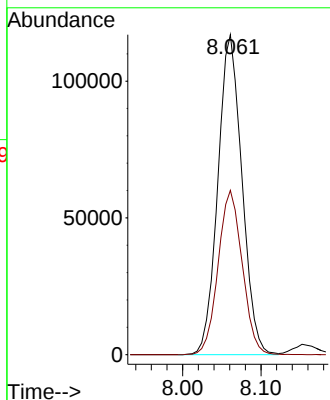
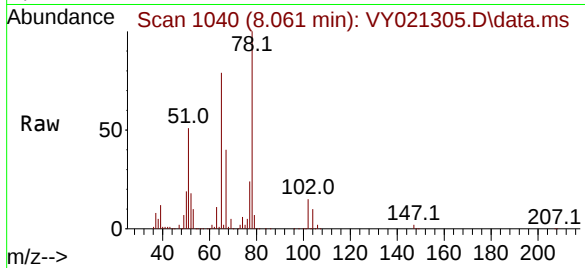


#33
 1,2-Dichloroethane-d4
 Concen: 155.833 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021305.D
 Acq: 24 Feb 2025 16:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 65 Resp: 250308

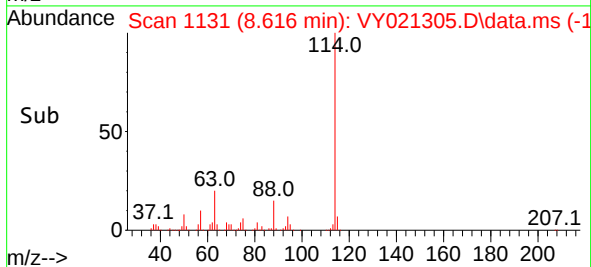
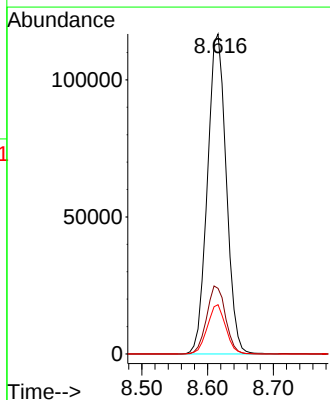
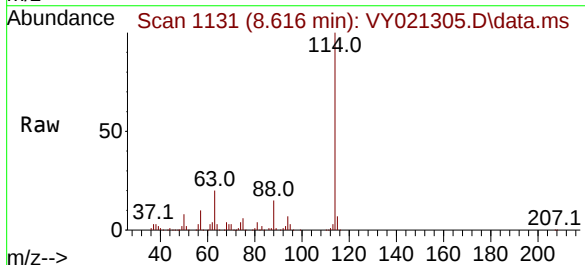
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	99.8

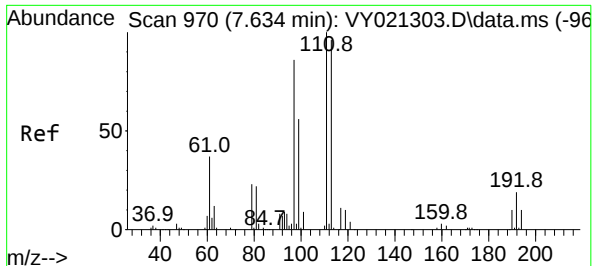


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021305.D
 Acq: 24 Feb 2025 16:59

Tgt Ion: 114 Resp: 232353

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.0
88	15.4	0.0	30.2

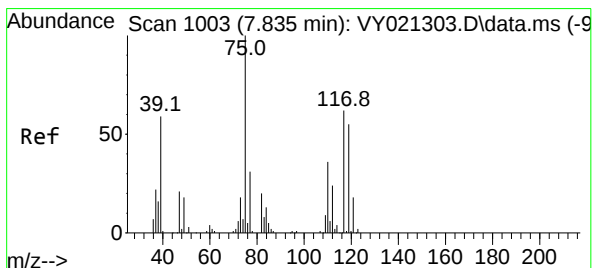
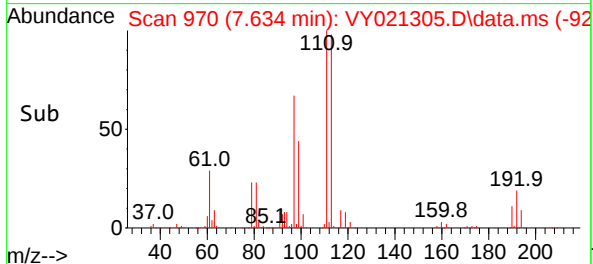
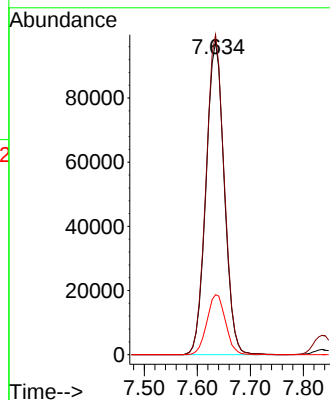
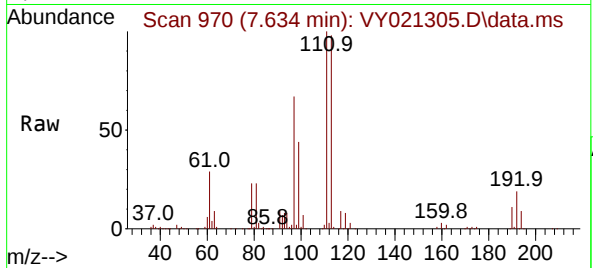




#35
Dibromofluoromethane
Concen: 156.278 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

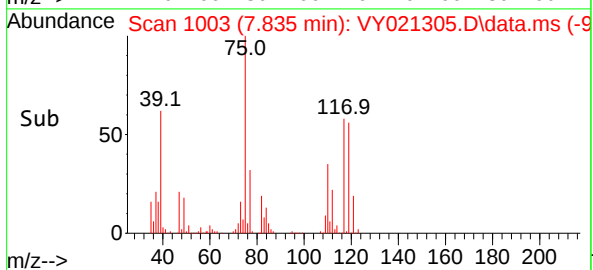
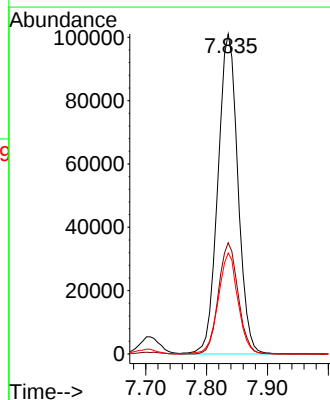
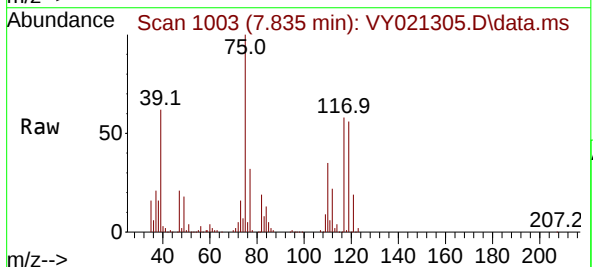
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

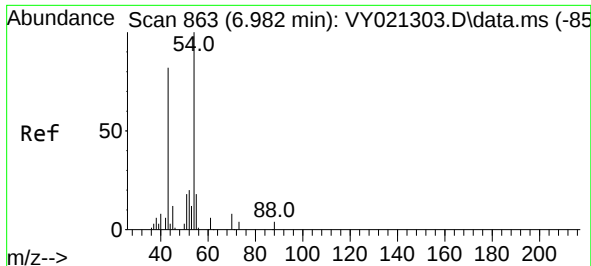
Tgt Ion:113 Resp: 232071
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 19.6 15.8 23.8



#36
1,1-Dichloropropene
Concen: 128.433 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 75 Resp: 230646
Ion Ratio Lower Upper
75 100
110 34.0 17.0 50.9
77 31.1 25.0 37.6

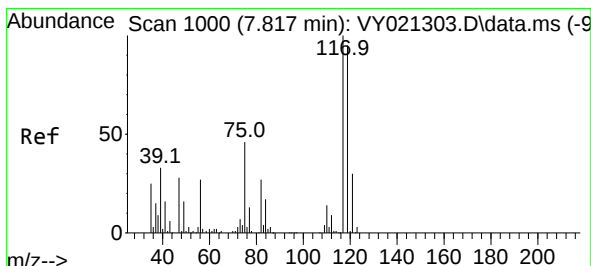
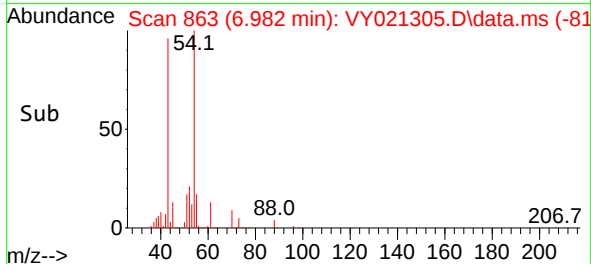
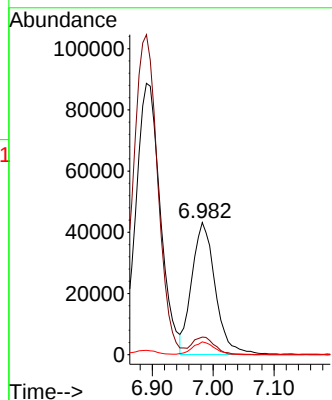
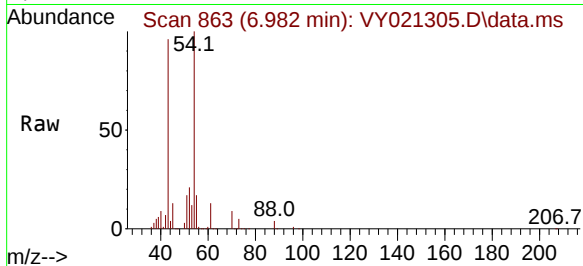




#37
Ethyl Acetate
Concen: 114.112 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

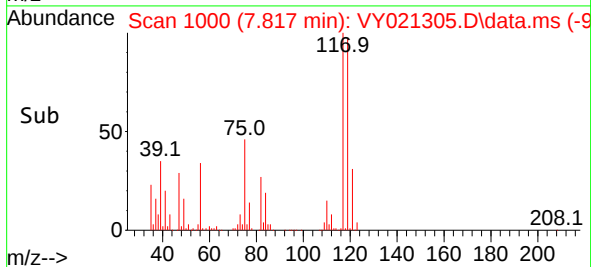
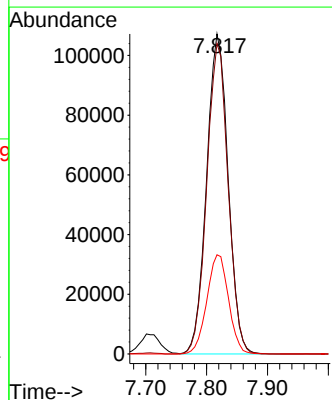
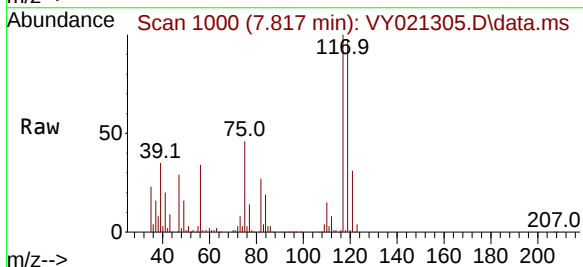
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

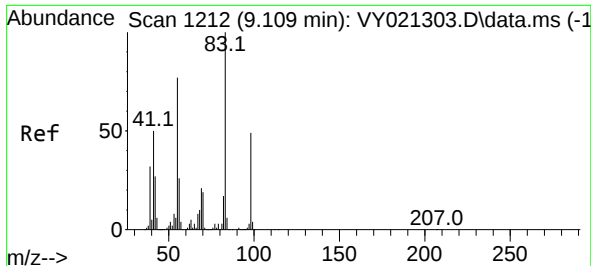
Tgt Ion: 43 Resp: 115143
Ion Ratio Lower Upper
43 100
61 12.5 10.5 15.7
70 9.0 7.4 11.0



#38
Carbon Tetrachloride
Concen: 118.683 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 117 Resp: 263592
Ion Ratio Lower Upper
117 100
119 97.1 76.0 114.0
121 31.0 23.9 35.9





#39

Methylcyclohexane

Concen: 139.000 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

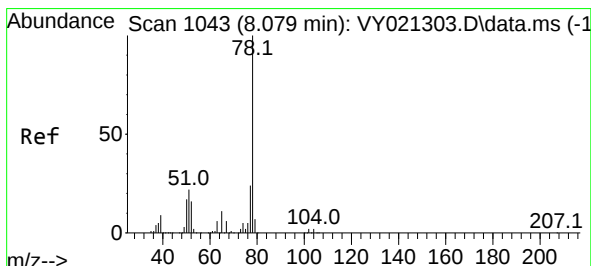
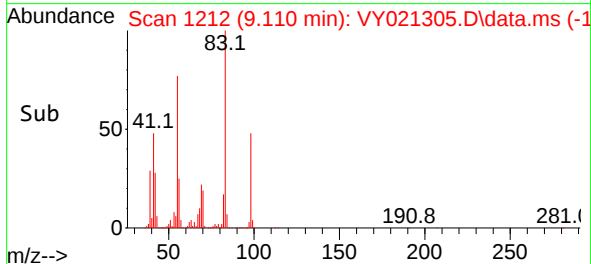
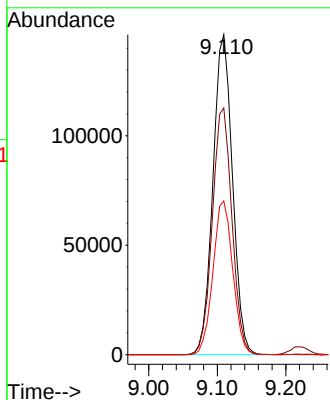
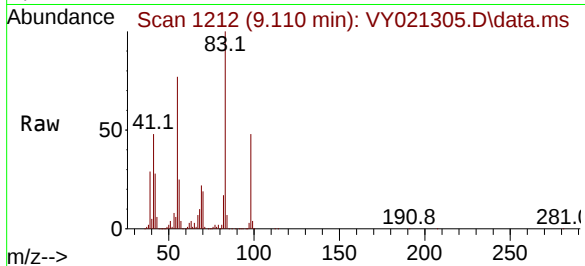
Tgt Ion: 83 Resp: 288877

Ion Ratio Lower Upper

83 100

55 77.1 61.8 92.8

98 48.1 39.2 58.8



#40

Benzene

Concen: 124.105 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021305.D

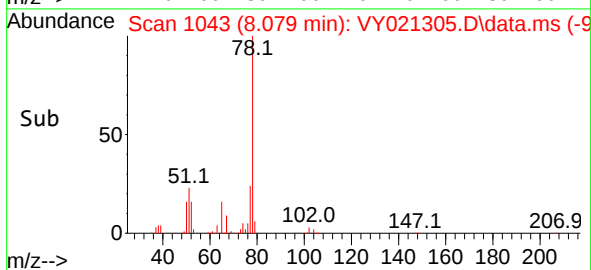
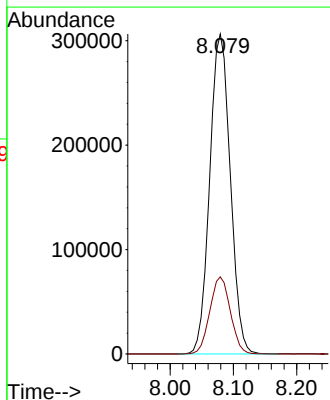
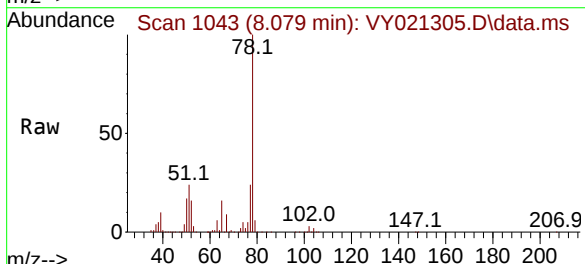
Acq: 24 Feb 2025 16:59

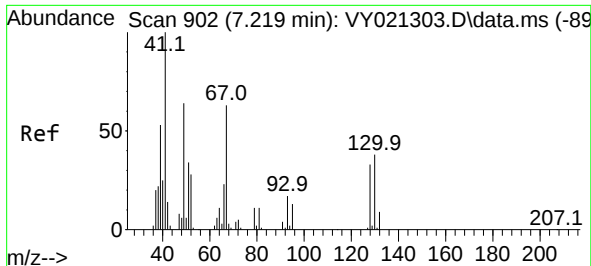
Tgt Ion: 78 Resp: 692428

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9



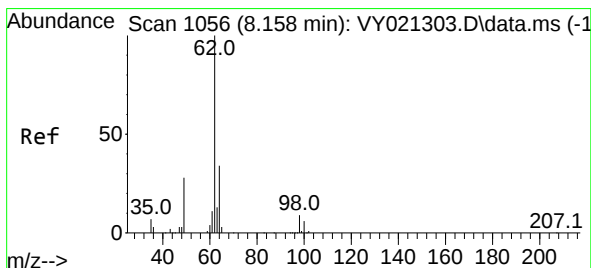
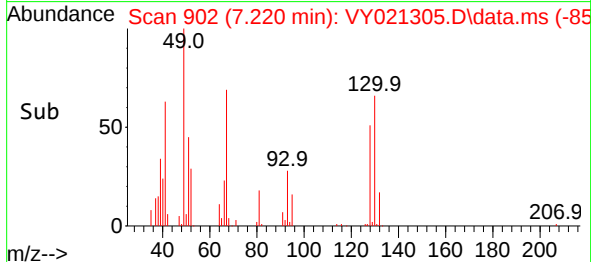
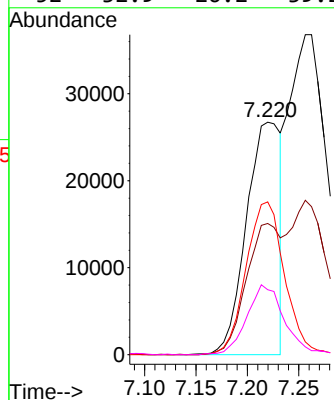
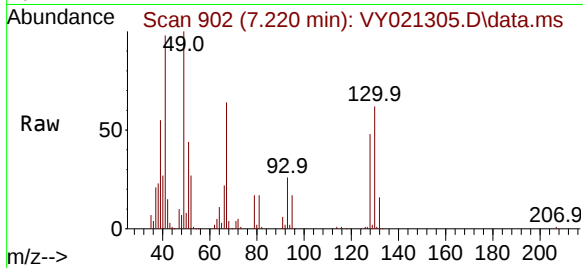


#41
Methacrylonitrile
Concen: 115.590 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 62084

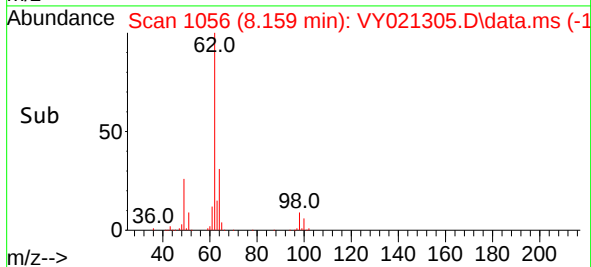
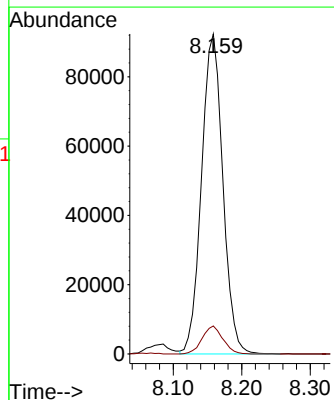
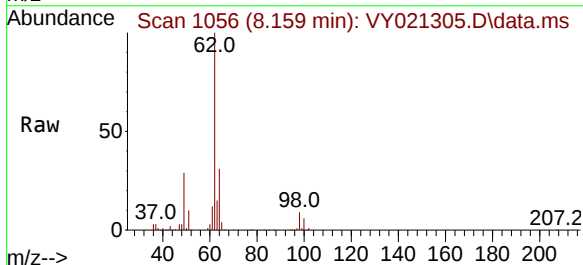
Ion	Ratio	Lower	Upper
41	100		
39	55.6	50.1	75.1
67	73.9	59.3	88.9
52	32.9	26.2	39.2

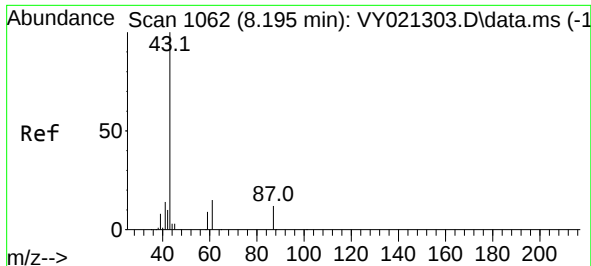


#42
1,2-Dichloroethane
Concen: 117.569 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 62 Resp: 200320

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.0

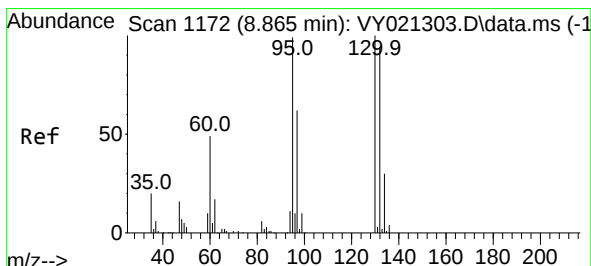
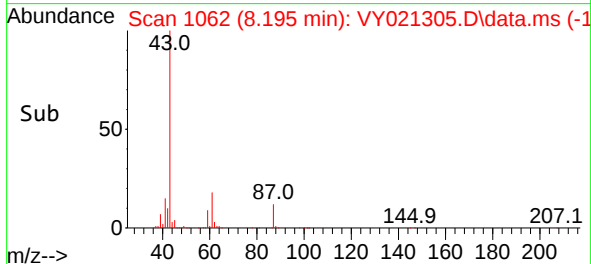
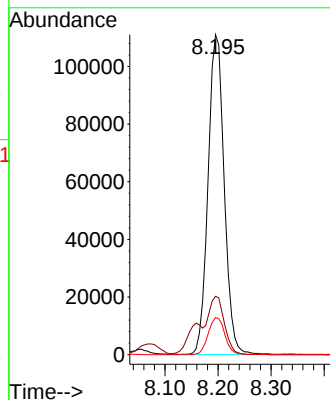
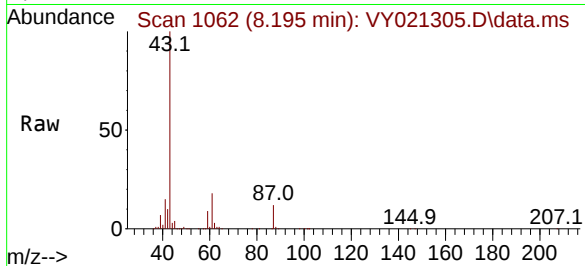




#43
Isopropyl Acetate
Concen: 115.561 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

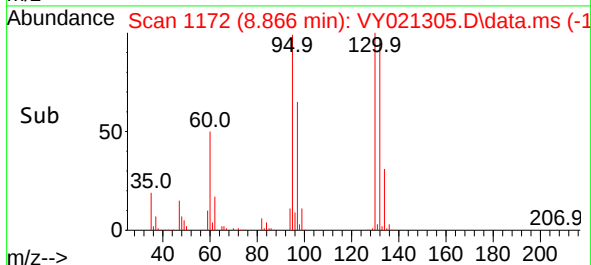
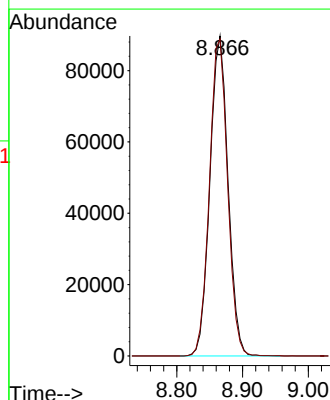
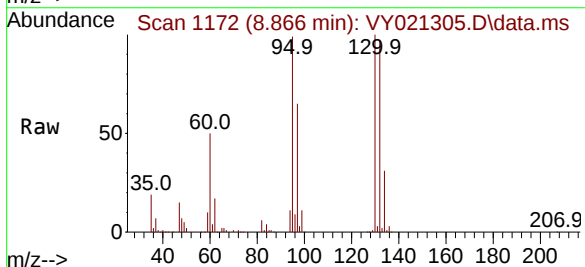
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

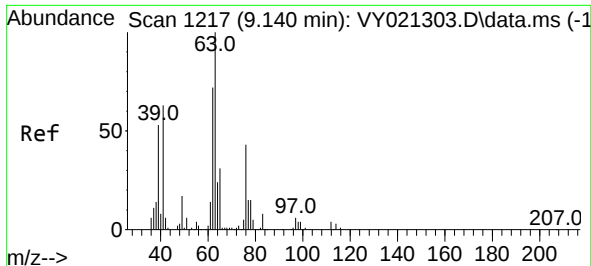
Tgt Ion: 43 Resp: 234824
Ion Ratio Lower Upper
43 100
61 18.6 22.2 33.2#
87 11.9 9.8 14.8



#44
Trichloroethene
Concen: 123.537 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion:130 Resp: 172350
Ion Ratio Lower Upper
130 100
95 99.0 0.0 197.0

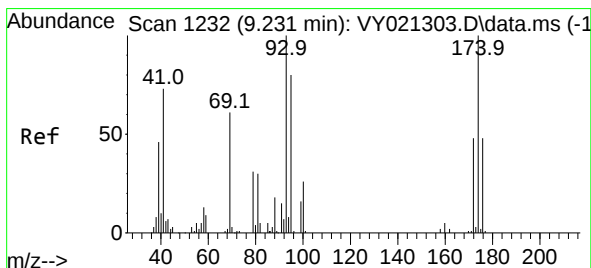
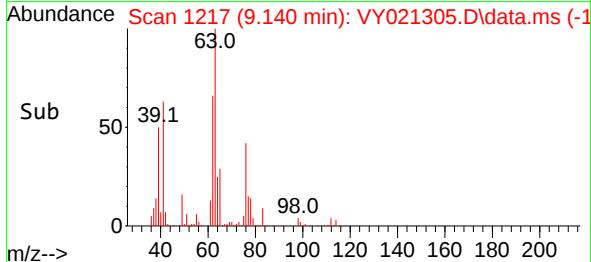
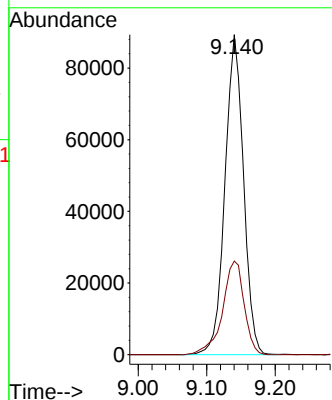
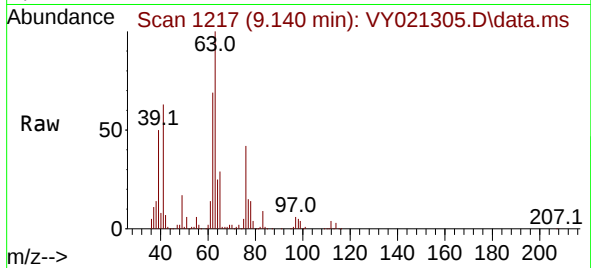




#45
1,2-Dichloropropane
Concen: 115.109 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

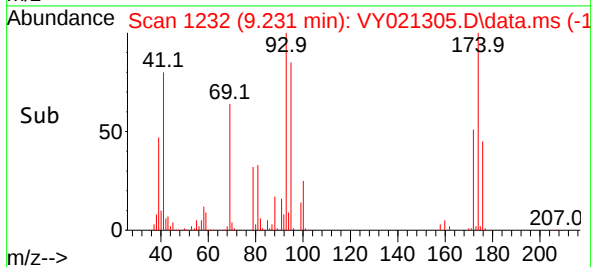
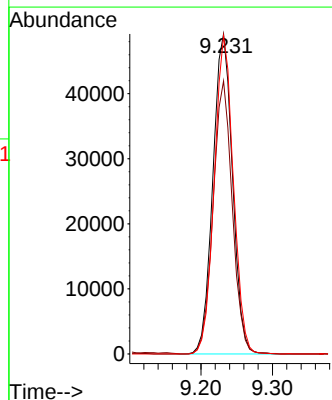
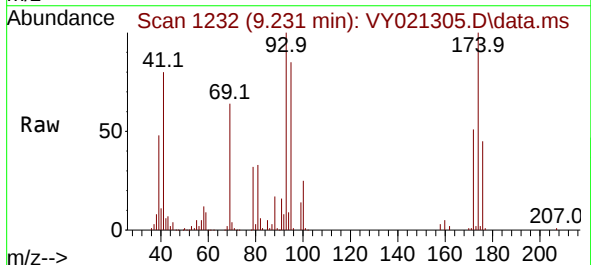
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

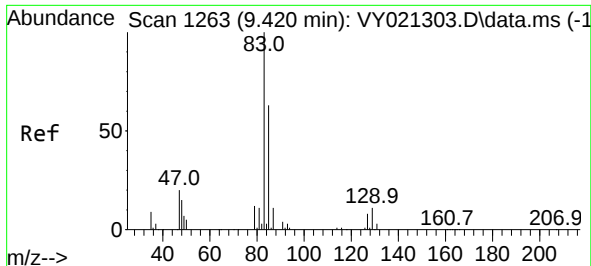
Tgt Ion: 63 Resp: 167424
Ion Ratio Lower Upper
63 100
65 29.3 24.8 37.2



#46
Dibromomethane
Concen: 117.787 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 93 Resp: 93725
Ion Ratio Lower Upper
93 100
95 83.2 65.7 98.5
174 96.9 77.4 116.2

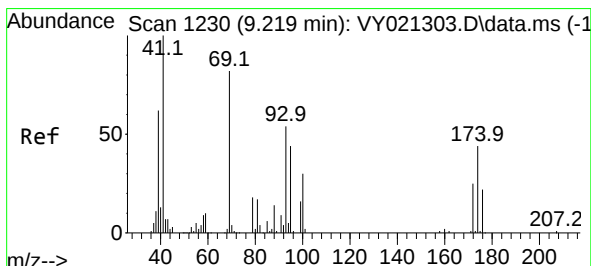
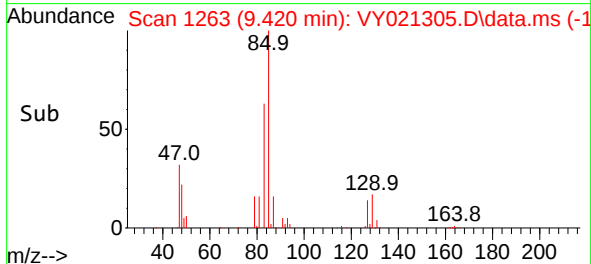
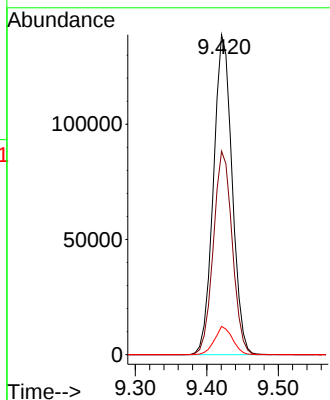
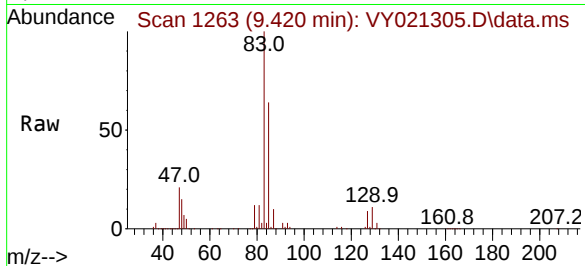




#47
Bromodichloromethane
Concen: 113.580 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

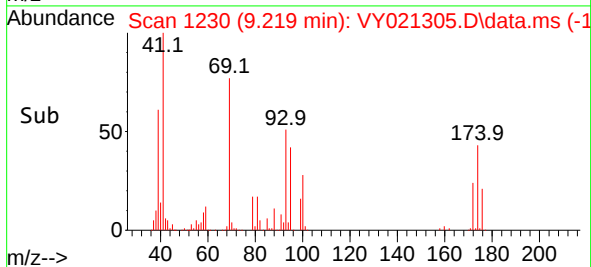
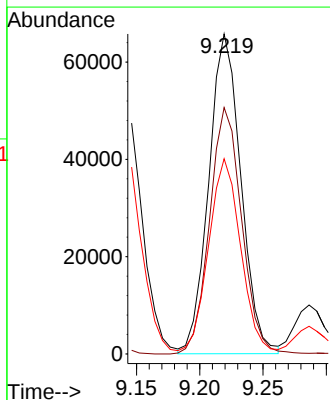
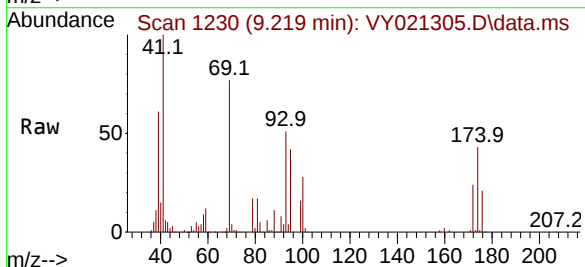
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

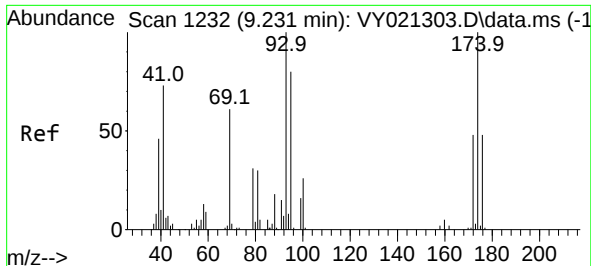
Tgt Ion: 83 Resp: 251351
Ion Ratio Lower Upper
83 100
85 63.6 50.7 76.1
127 8.9 6.8 10.2



#48
Methyl methacrylate
Concen: 125.882 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 41 Resp: 116239
Ion Ratio Lower Upper
41 100
69 77.1 64.6 97.0
39 59.0 47.9 71.9





#49

1,4-Dioxane

Concen: 2252.939 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

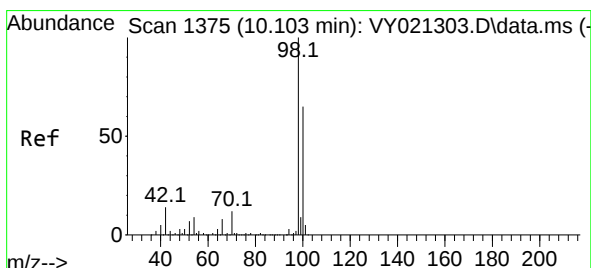
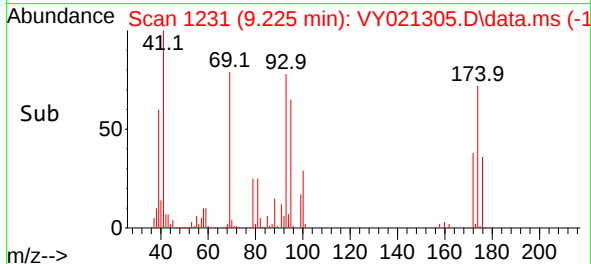
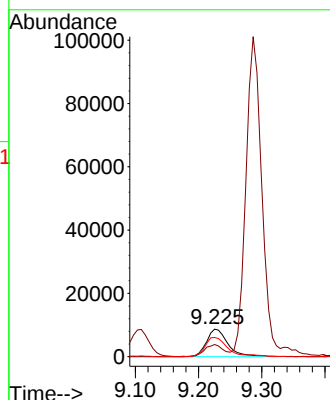
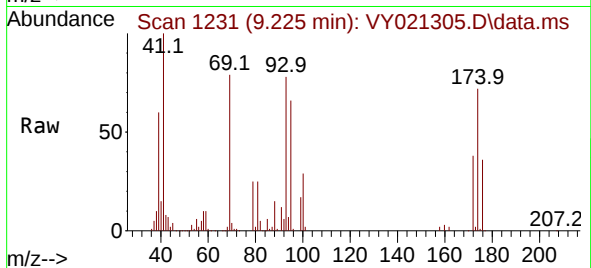
Tgt Ion: 88 Resp: 20402

Ion Ratio Lower Upper

88 100

43 38.3 33.2 49.8

58 75.5 57.8 86.8



#50

Toluene-d8

Concen: 164.023 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021305.D

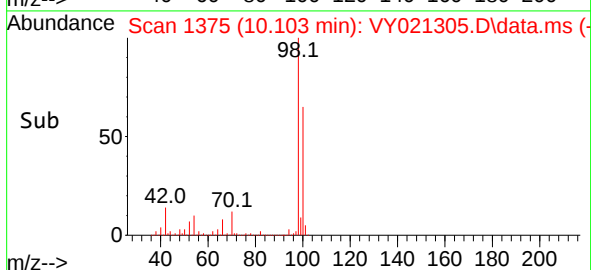
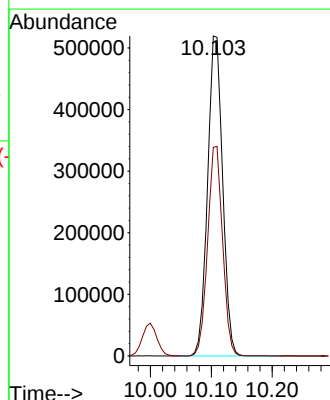
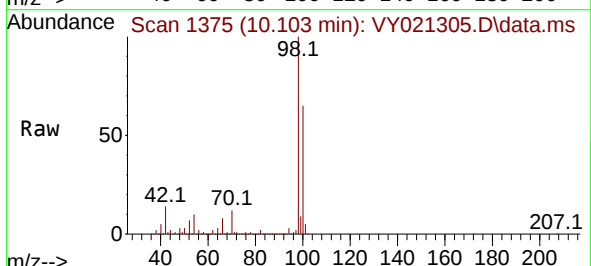
Acq: 24 Feb 2025 16:59

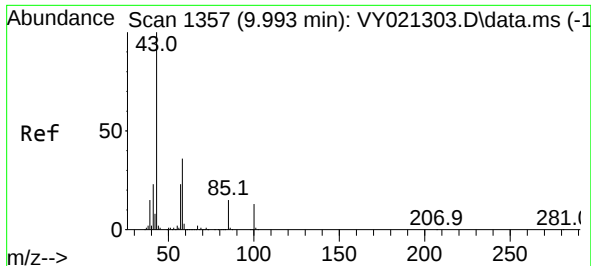
Tgt Ion: 98 Resp: 892260

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 567.849 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

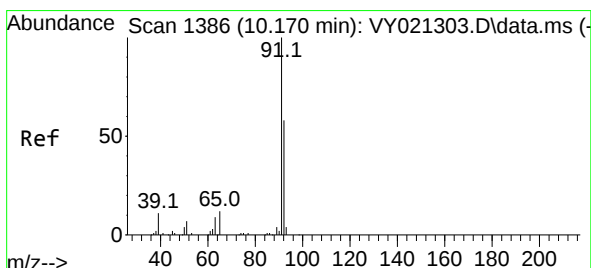
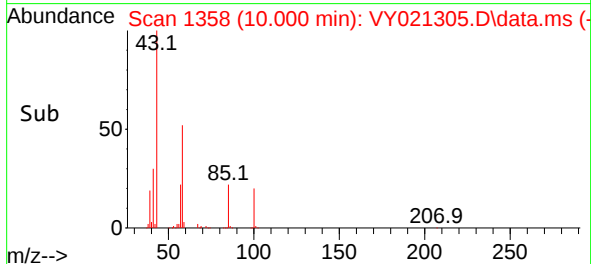
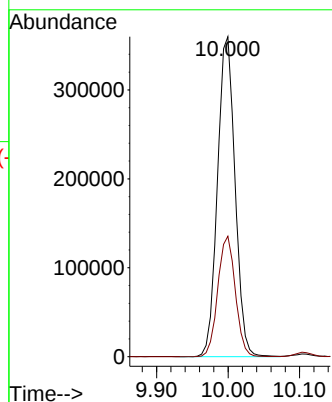
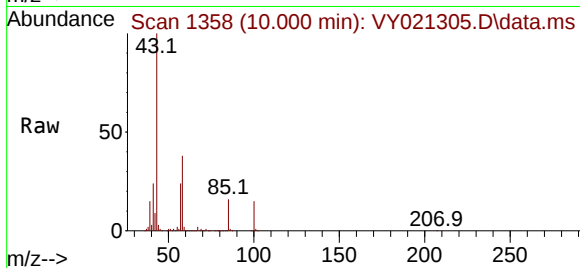
VSTDIC150

Tgt Ion: 43 Resp: 613362

Ion Ratio Lower Upper

43 100

58 37.6 29.7 44.5



#52

Toluene

Concen: 124.281 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021305.D

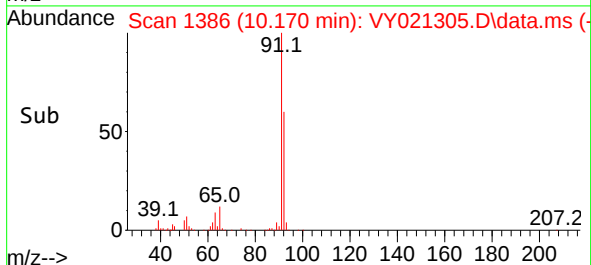
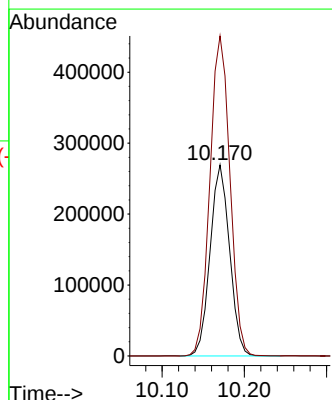
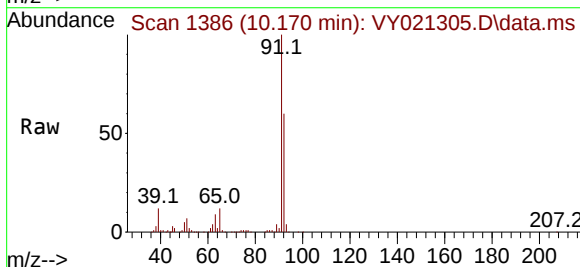
Acq: 24 Feb 2025 16:59

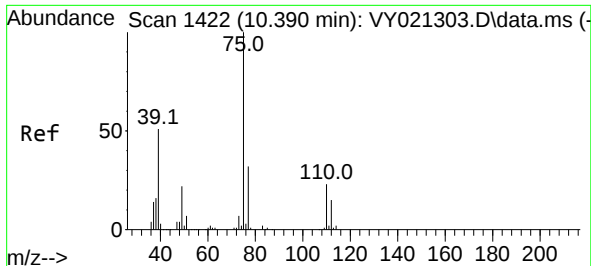
Tgt Ion: 92 Resp: 442294

Ion Ratio Lower Upper

92 100

91 173.0 138.3 207.5

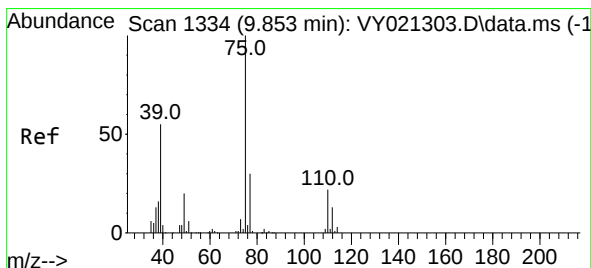
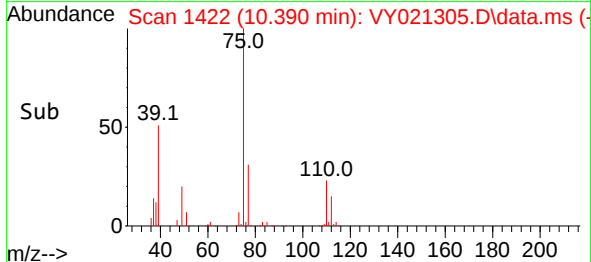
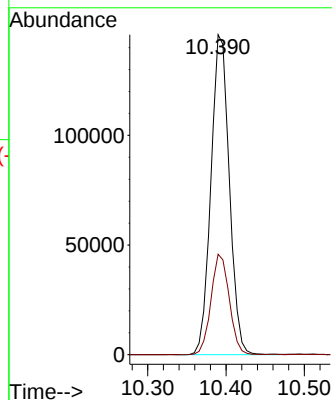
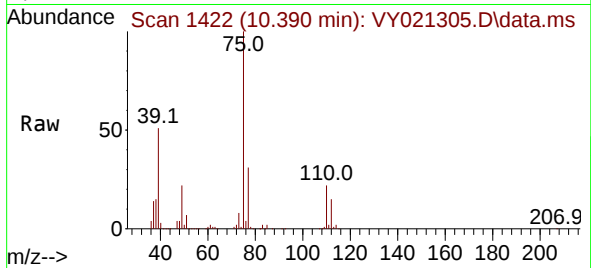




#53
t-1,3-Dichloropropene
Concen: 119.360 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

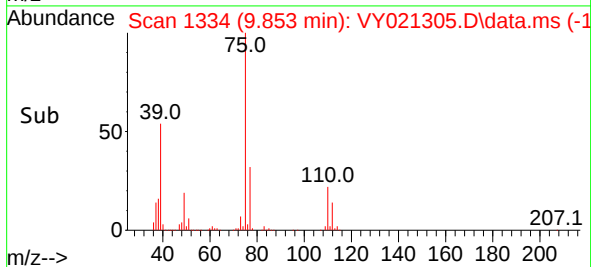
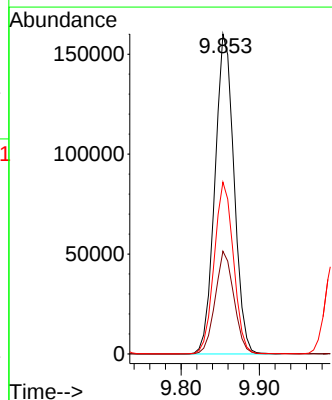
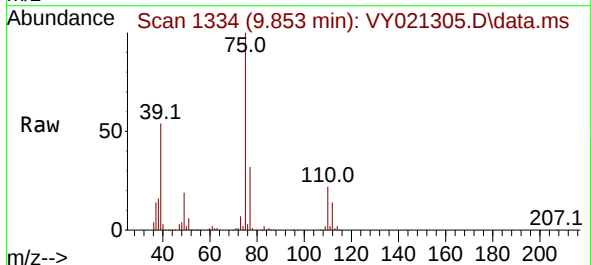
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

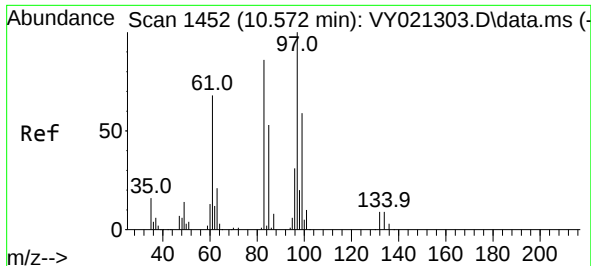
Tgt Ion: 75 Resp: 237505
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 120.208 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 75 Resp: 271555
Ion Ratio Lower Upper
75 100
77 32.1 24.0 36.0
39 53.7 44.1 66.1

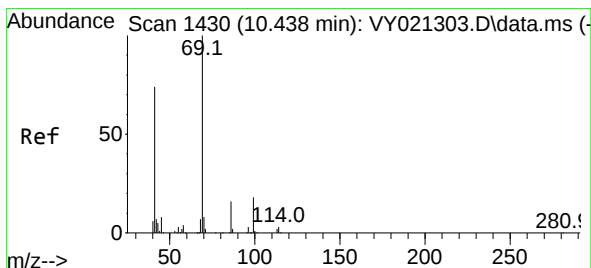
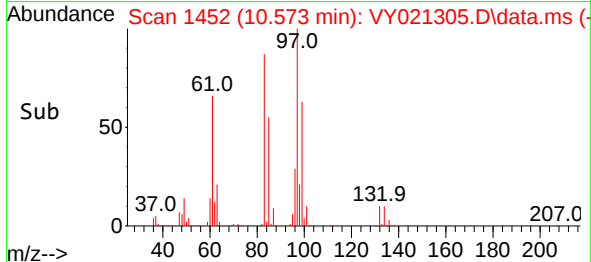
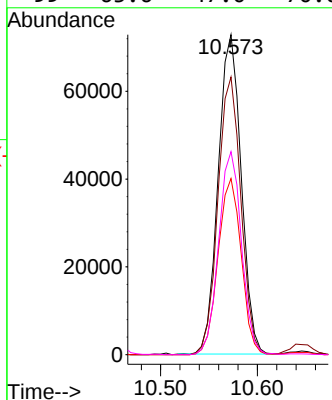
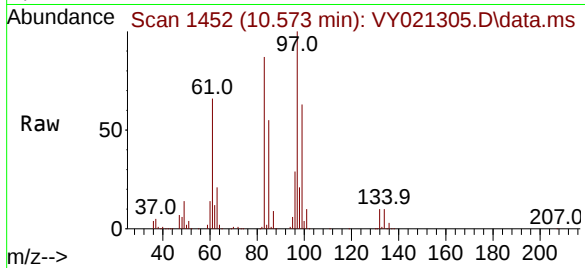




#55
1,1,2-Trichloroethane
Concen: 108.377 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

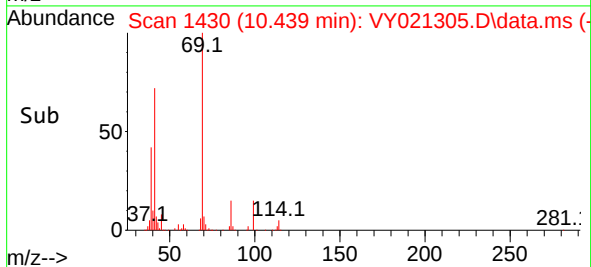
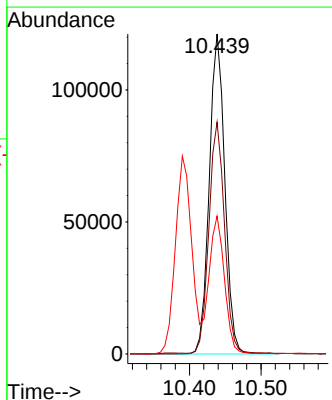
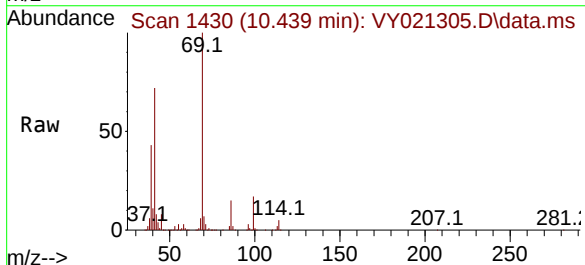
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

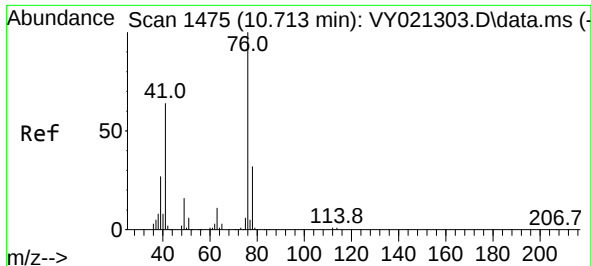
Tgt Ion:	97	Resp:	119821
Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.5	102.7
85	55.2	42.5	63.7
99	63.6	47.0	70.6



#56
Ethyl methacrylate
Concen: 126.773 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion:	69	Resp:	183076
Ion	Ratio	Lower	Upper
69	100		
41	72.6	58.0	87.0
39	42.6	35.4	53.0

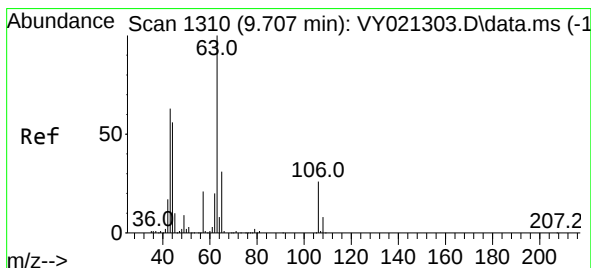
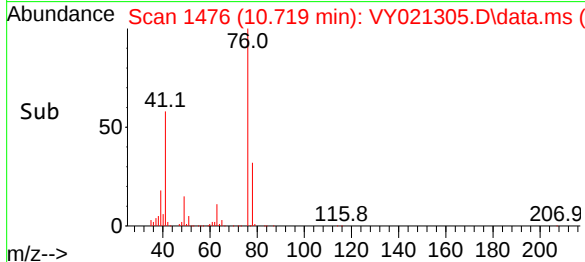
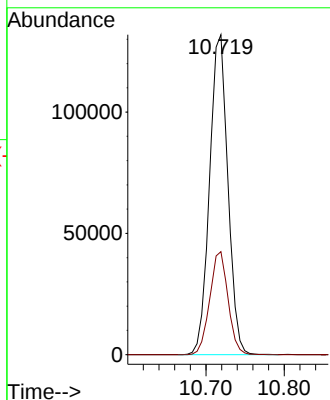
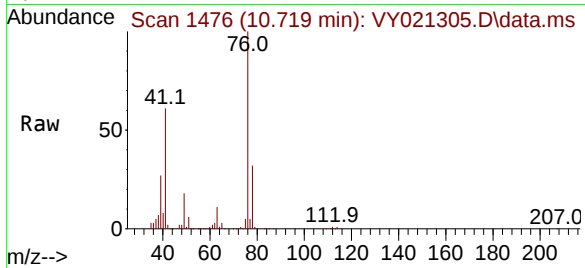




#57
1,3-Dichloropropane
Concen: 114.126 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

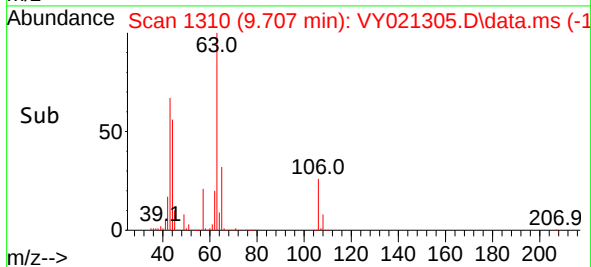
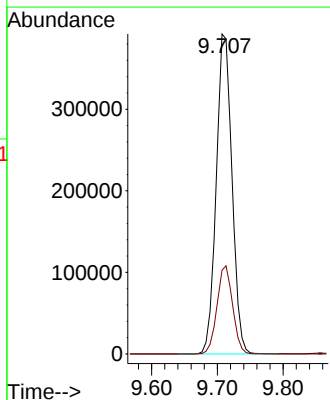
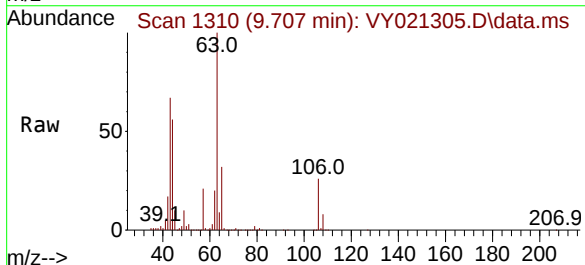
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

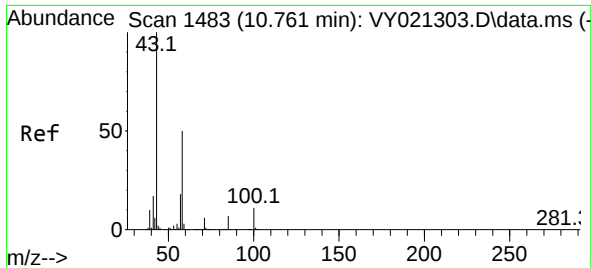
Tgt Ion: 76 Resp: 213688
Ion Ratio Lower Upper
76 100
78 32.2 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 902.659 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 63 Resp: 653192
Ion Ratio Lower Upper
63 100
106 27.3 21.8 32.6

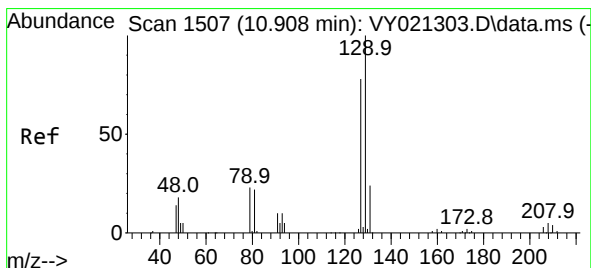
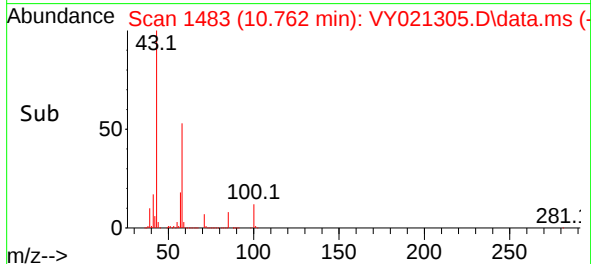
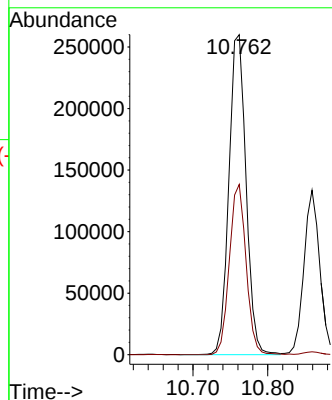
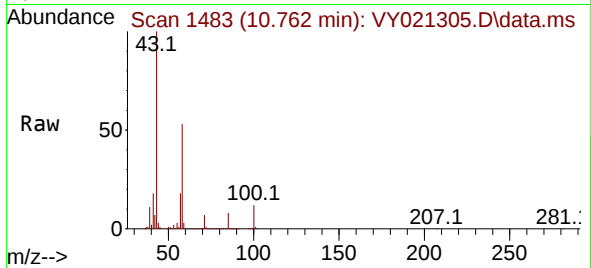




#59
2-Hexanone
Concen: 584.962 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

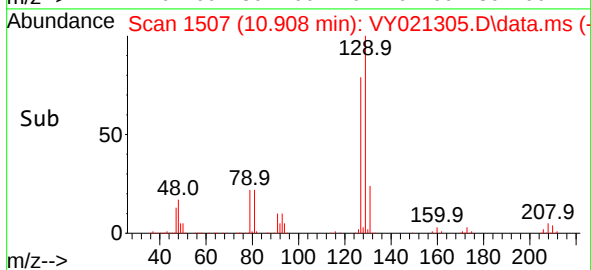
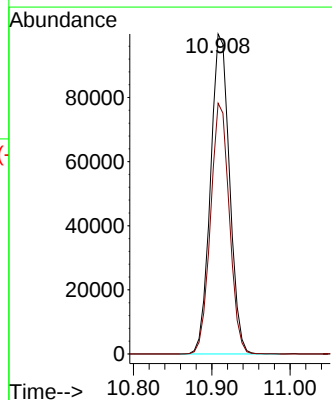
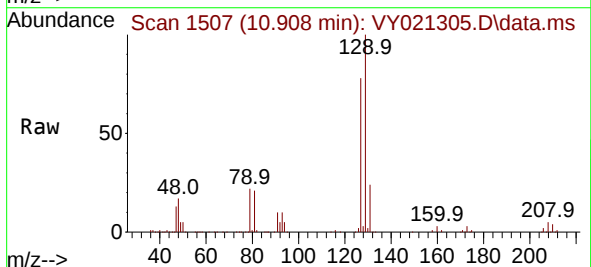
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

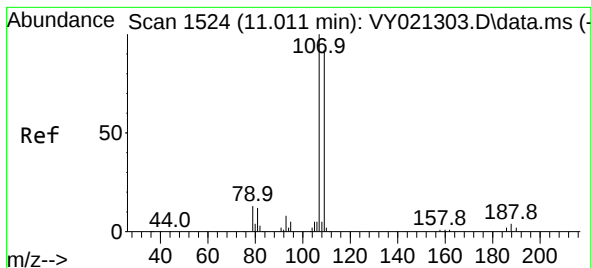
Tgt Ion: 43 Resp: 414172
Ion Ratio Lower Upper
43 100
58 52.0 25.4 76.4



#60
Dibromochloromethane
Concen: 111.464 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 129 Resp: 168163
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7

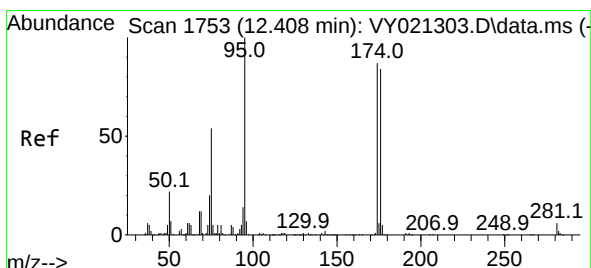
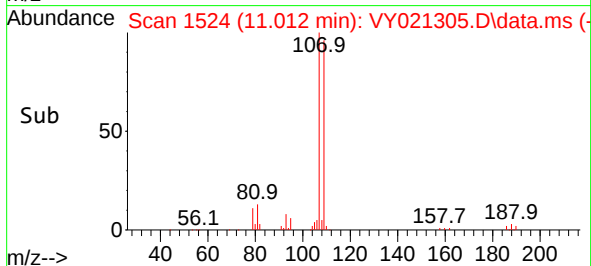
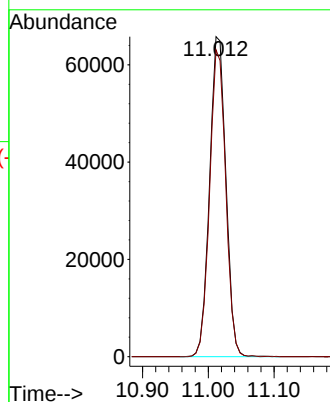
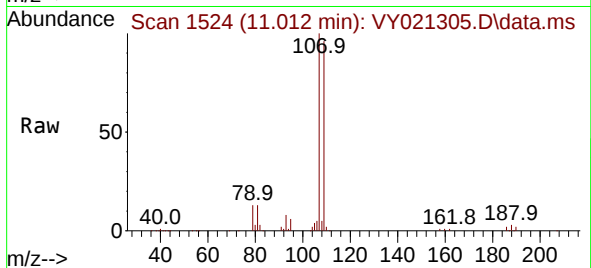




#61
1,2-Dibromoethane
Concen: 115.162 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

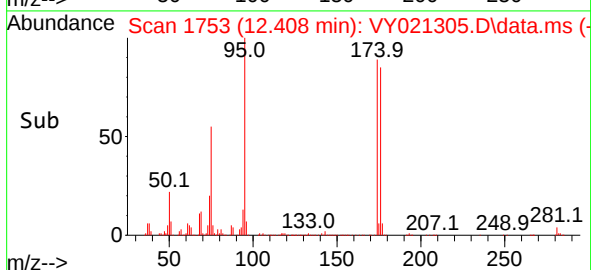
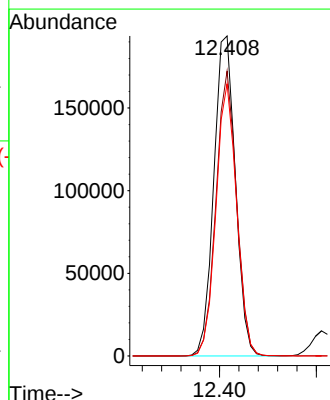
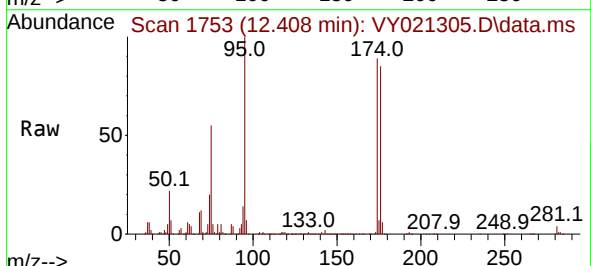
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

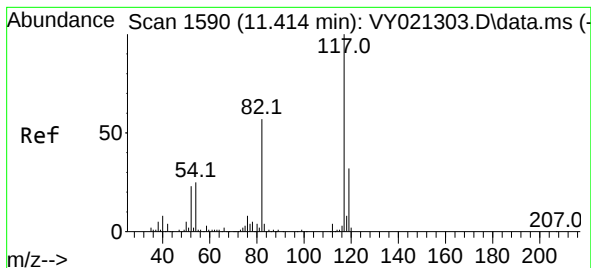
Tgt Ion:107 Resp: 113442
Ion Ratio Lower Upper
107 100
109 94.6 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 159.336 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 95 Resp: 299340
Ion Ratio Lower Upper
95 100
174 85.1 0.0 168.2
176 81.5 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

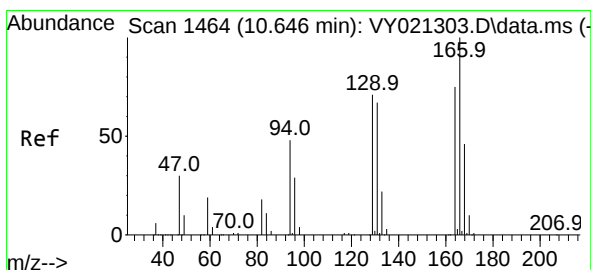
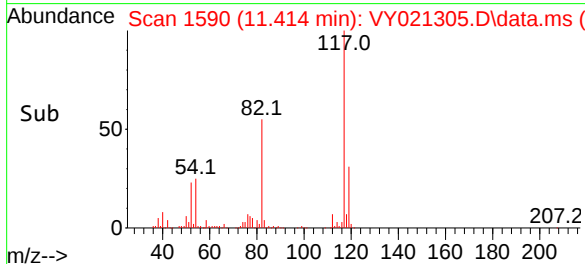
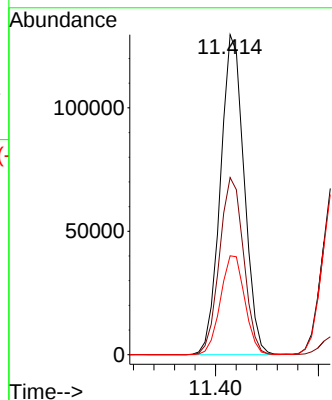
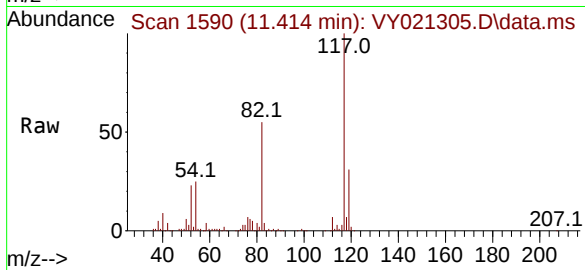
Tgt Ion:117 Resp: 207137

Ion Ratio Lower Upper

117 100

82 55.3 45.6 68.4

119 30.9 25.4 38.2



#64

Tetrachloroethene

Concen: 122.608 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Tgt Ion:164 Resp: 158135

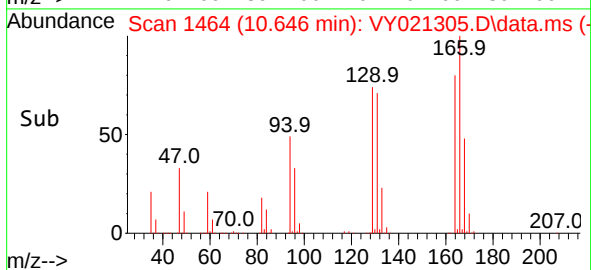
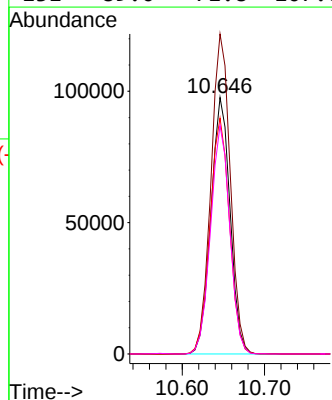
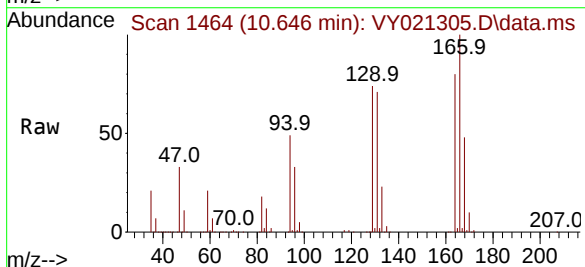
Ion Ratio Lower Upper

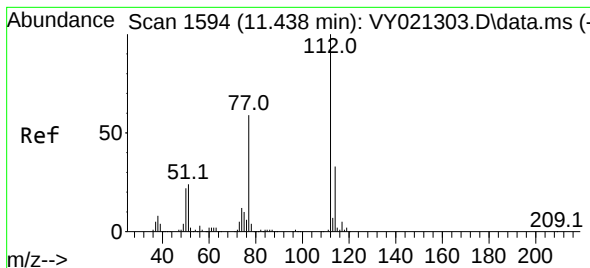
164 100

166 124.8 106.5 159.7

129 91.9 75.2 112.8

131 89.0 71.8 107.6





#65

Chlorobenzene

Concen: 116.881 ug/l

RT: 11.445 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

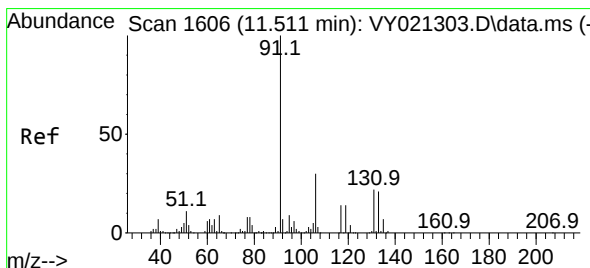
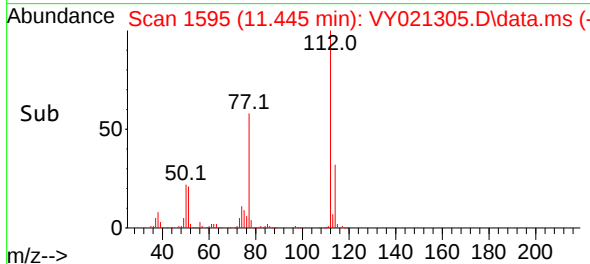
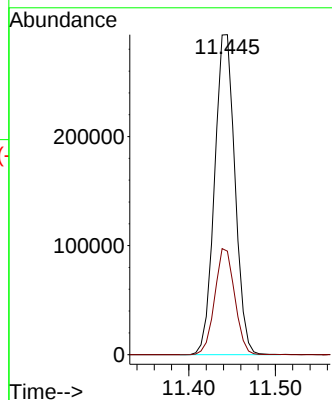
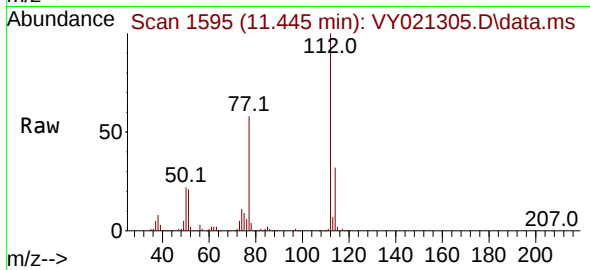
VSTDIC150

Tgt Ion:112 Resp: 480116

Ion Ratio Lower Upper

112 100

114 32.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 110.622 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

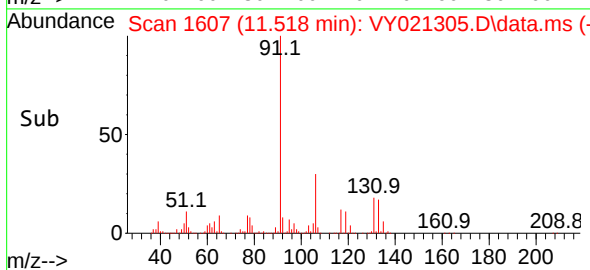
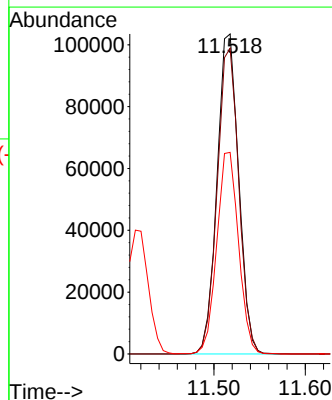
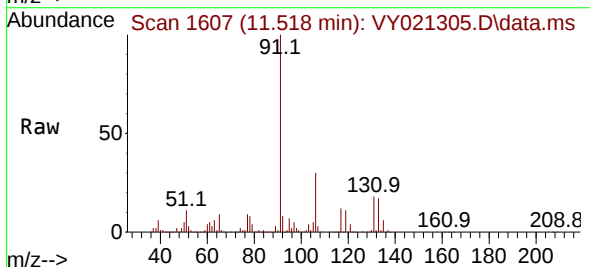
Tgt Ion:131 Resp: 170140

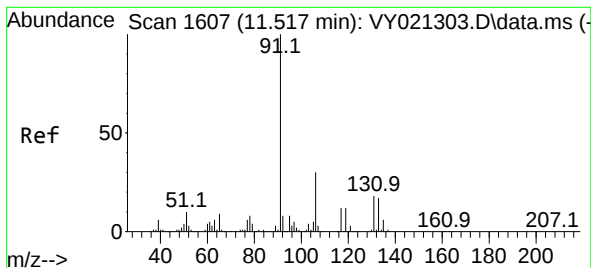
Ion Ratio Lower Upper

131 100

133 95.6 48.3 144.9

119 63.6 32.3 96.9





#67

Ethyl Benzene

Concen: 122.384 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

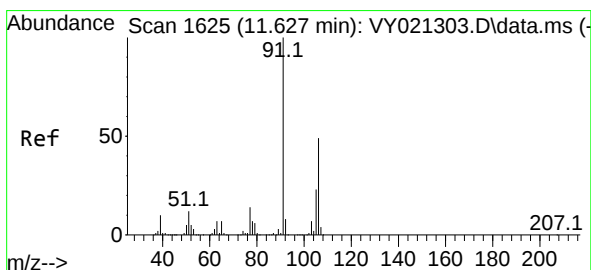
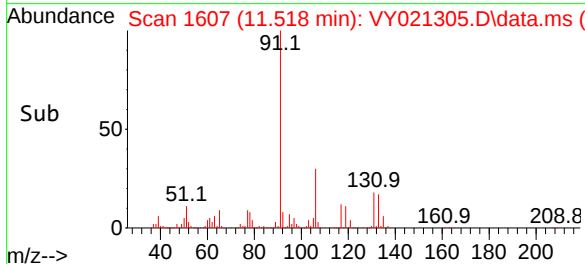
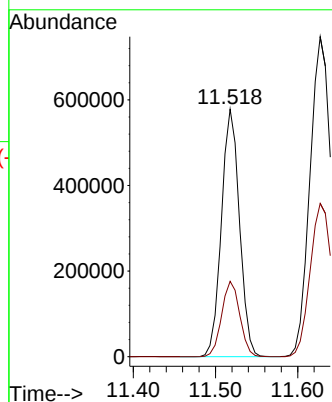
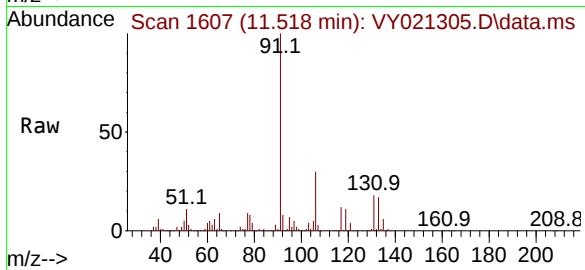
VSTDIC150

Tgt Ion: 91 Resp: 881202

Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.4



#68

m/p-Xylenes

Concen: 244.340 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021305.D

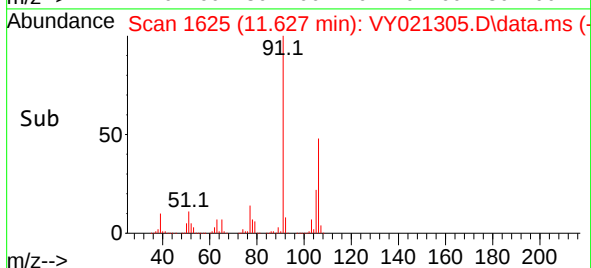
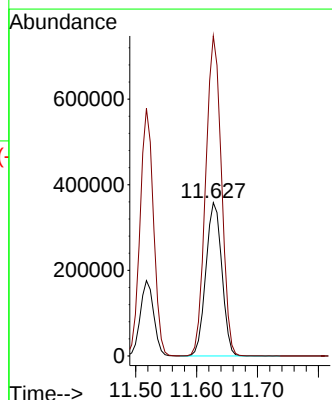
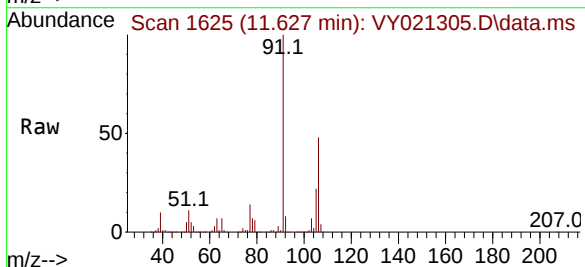
Acq: 24 Feb 2025 16:59

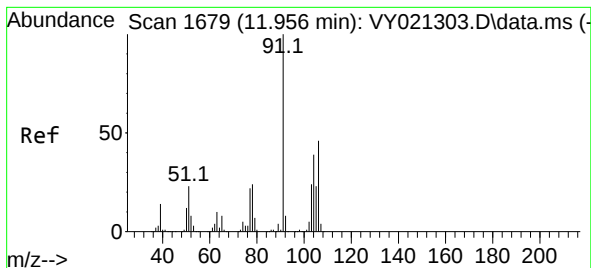
Tgt Ion:106 Resp: 652411

Ion Ratio Lower Upper

106 100

91 205.6 164.0 246.0

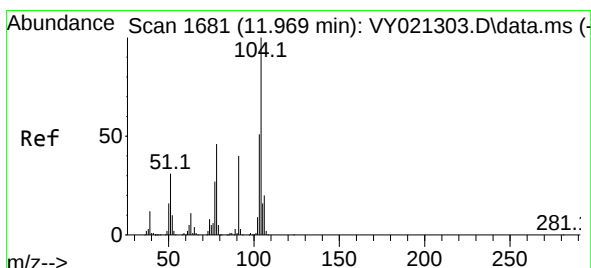
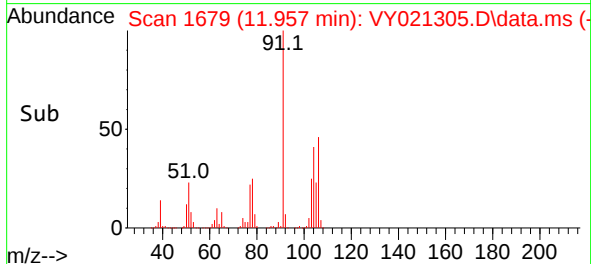
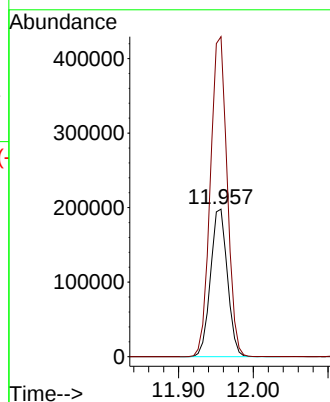
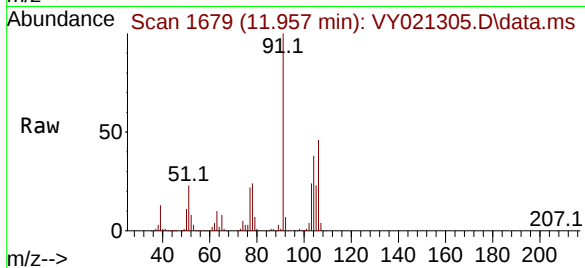




#69
o-Xylene
Concen: 120.642 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

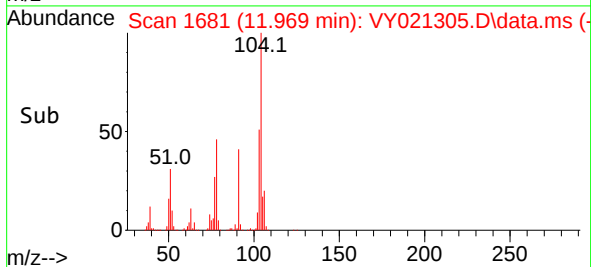
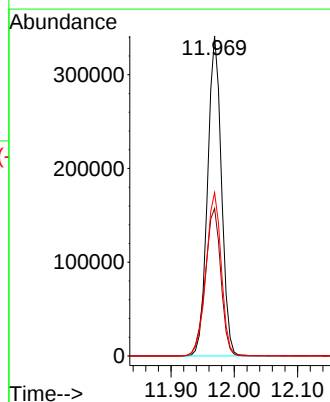
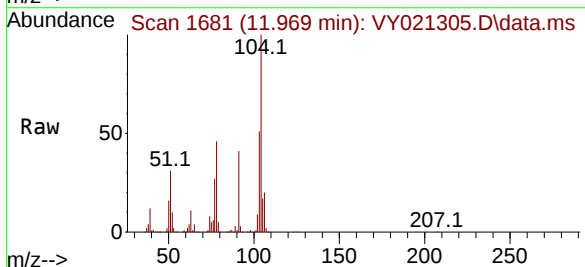
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

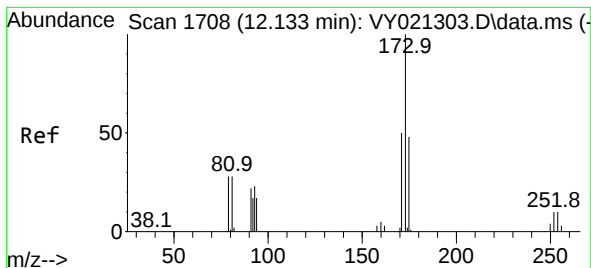
Tgt Ion:106 Resp: 309858
Ion Ratio Lower Upper
106 100
91 216.4 108.8 326.4



#70
Styrene
Concen: 119.952 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion:104 Resp: 522552
Ion Ratio Lower Upper
104 100
78 51.8 41.0 61.6
103 55.6 44.2 66.4





#71

Bromoform

Concen: 109.062 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

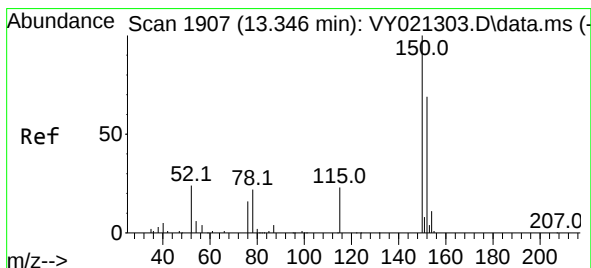
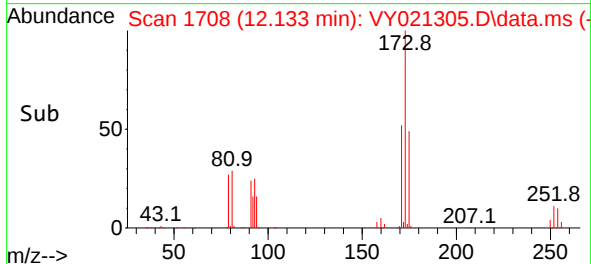
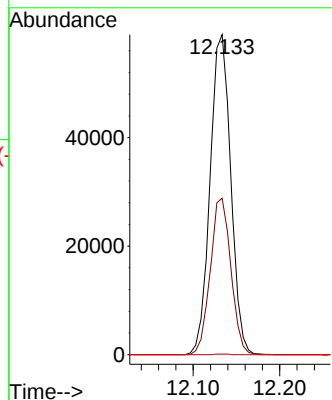
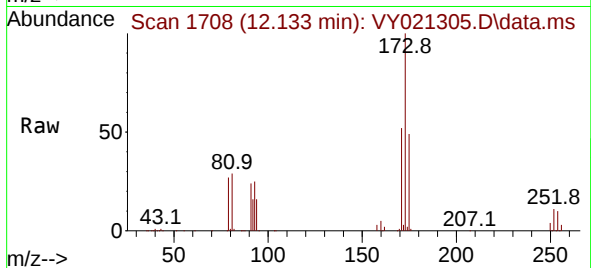
Tgt Ion:173 Resp: 97802

Ion Ratio Lower Upper

173 100

175 48.6 24.4 73.2

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

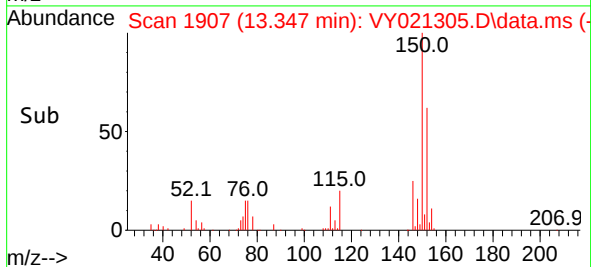
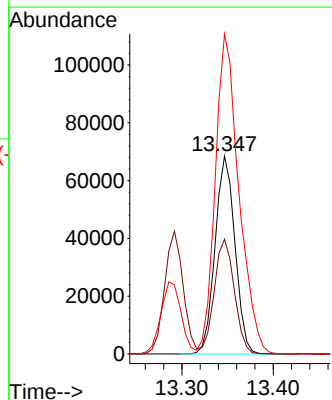
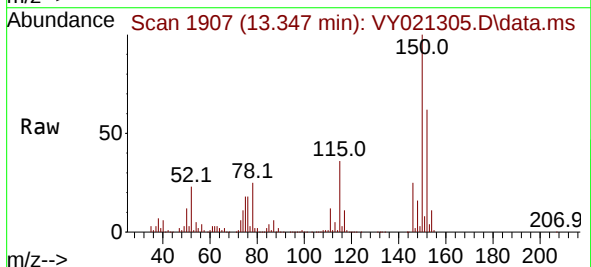
Tgt Ion:152 Resp: 103625

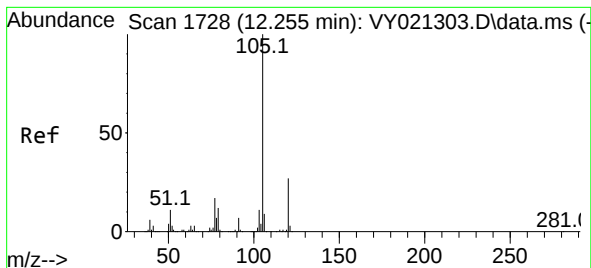
Ion Ratio Lower Upper

152 100

115 58.7 29.0 87.1

150 191.9 0.0 345.8





#73

Isopropylbenzene

Concen: 117.421 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

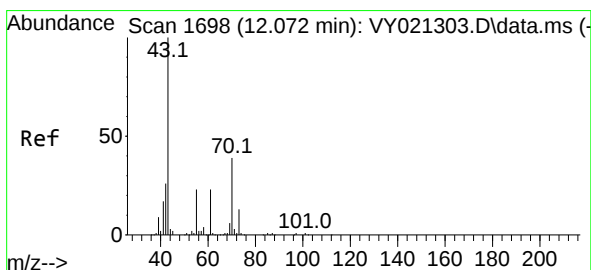
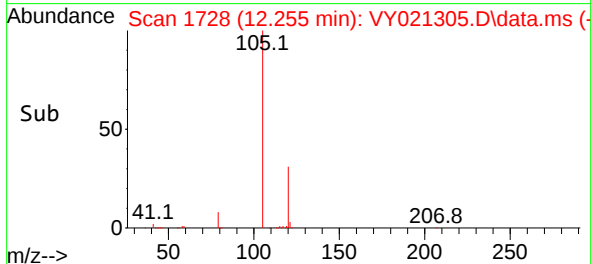
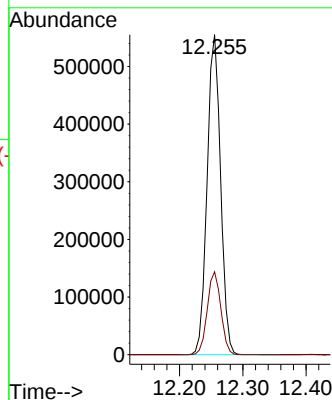
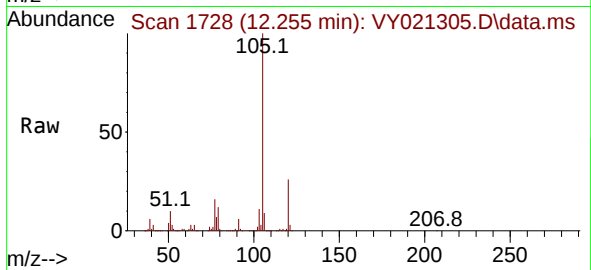
VSTDIC150

Tgt Ion:105 Resp: 821910

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.5



#74

N-ethyl acetate

Concen: 121.726 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Tgt Ion: 43 Resp: 225126

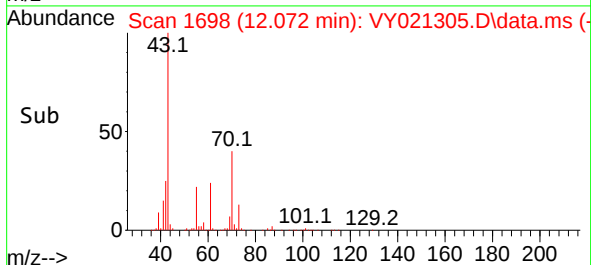
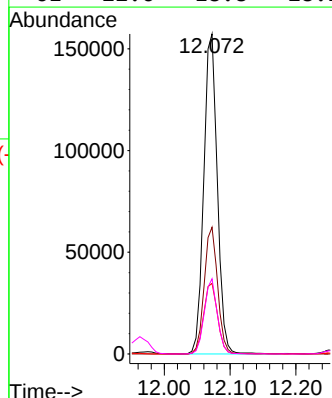
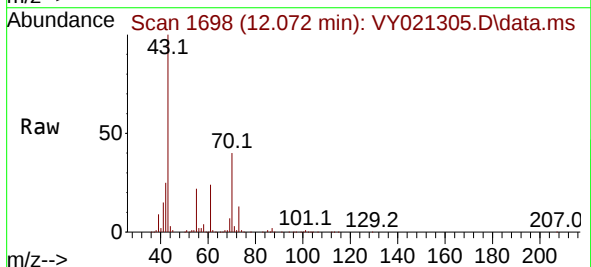
Ion Ratio Lower Upper

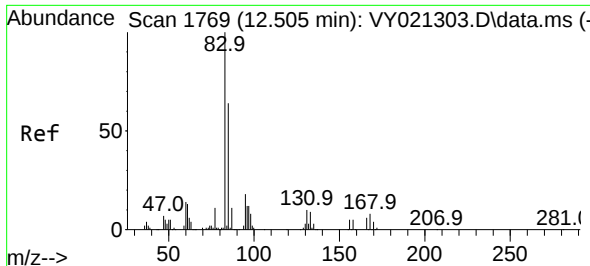
43 100

70 39.4 31.4 47.2

55 22.8 19.5 29.3

61 22.6 18.8 28.2

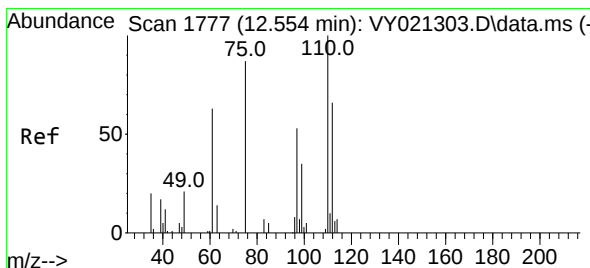
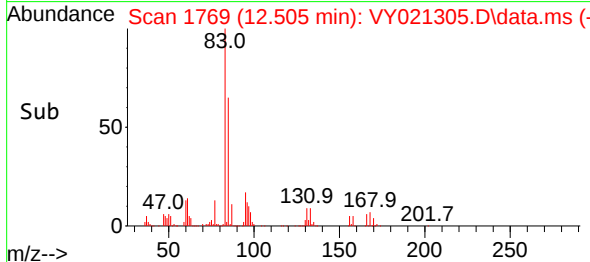
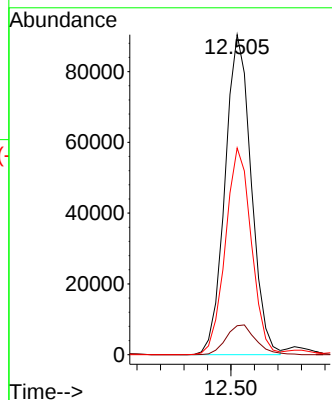
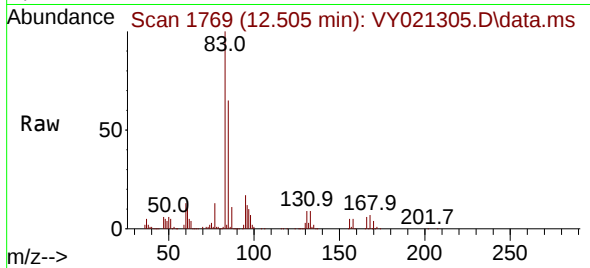




#75
1,1,2,2-Tetrachloroethane
Concen: 106.073 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

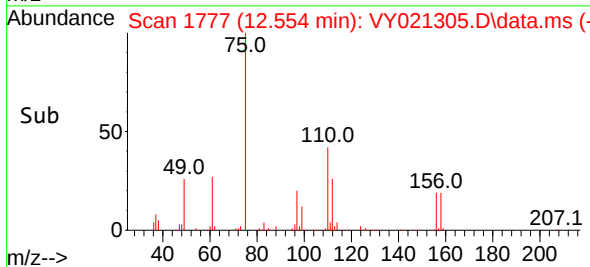
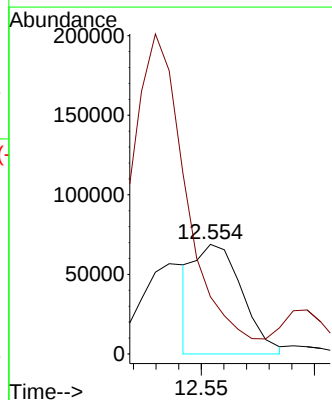
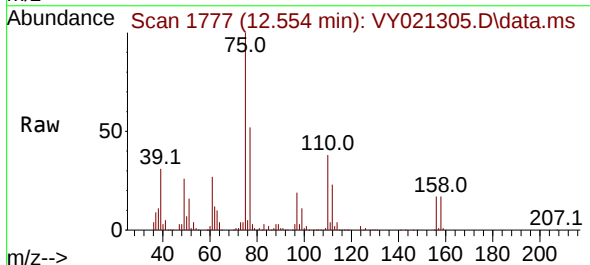
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

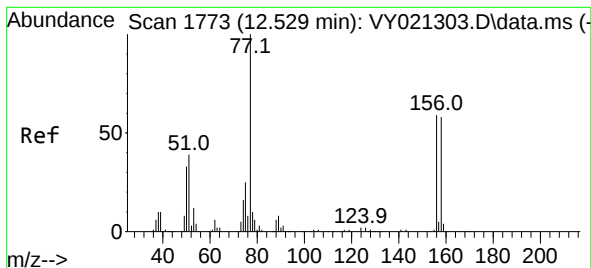
Tgt Ion: 83 Resp: 139836
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 64.2 31.3 93.9



#76
1,2,3-Trichloropropane
Concen: 105.299 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 75 Resp: 101033
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 114.186 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

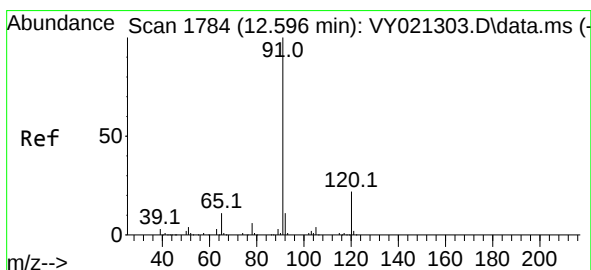
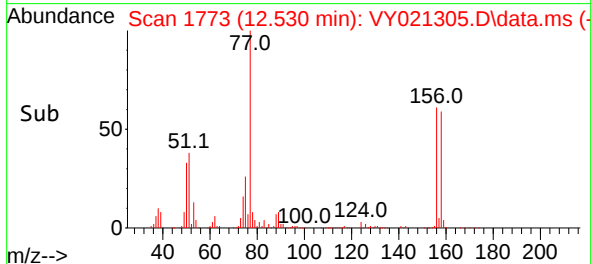
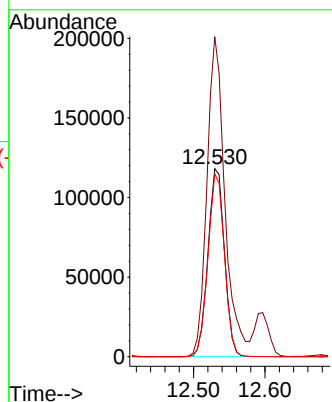
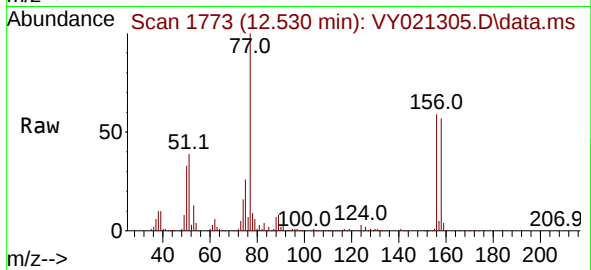
Tgt Ion:156 Resp: 189592

Ion Ratio Lower Upper

156 100

77 185.4 91.2 273.6

158 96.7 48.8 146.3



#78

n-propylbenzene

Concen: 117.128 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021305.D

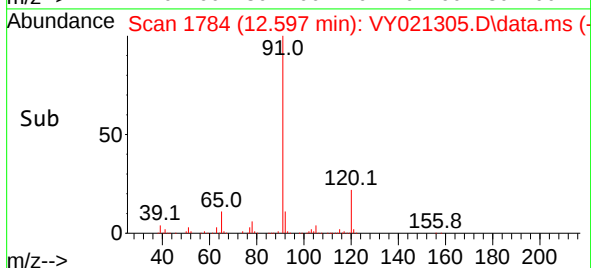
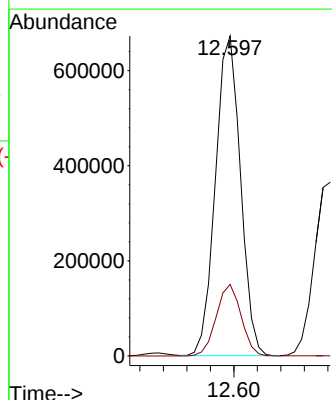
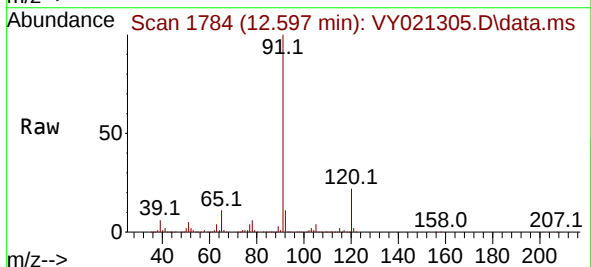
Acq: 24 Feb 2025 16:59

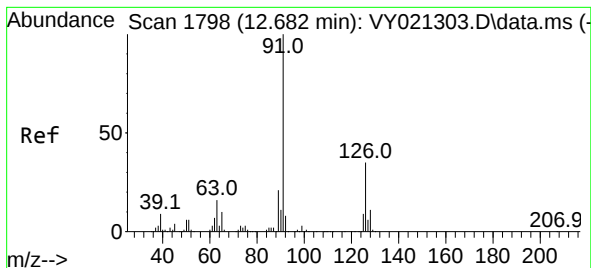
Tgt Ion: 91 Resp: 995982

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.3





#79

2-Chlorotoluene

Concen: 114.372 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

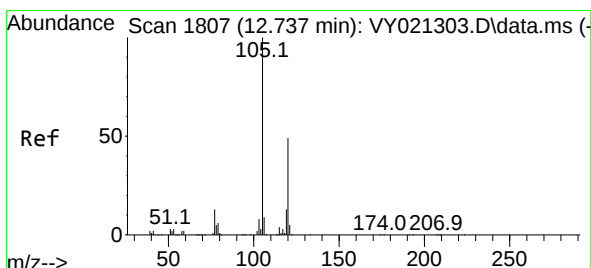
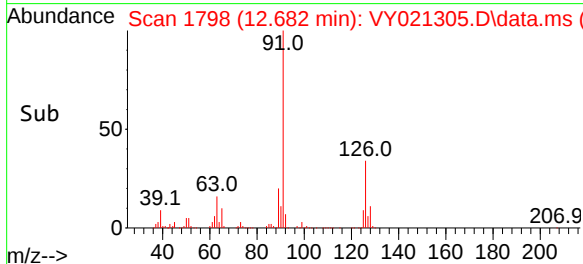
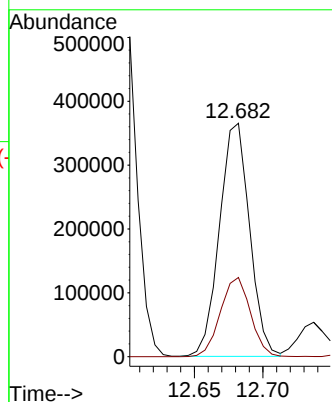
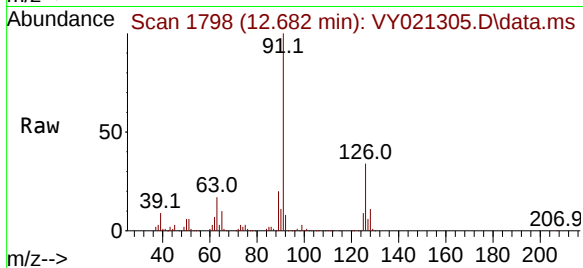
VSTDIC150

Tgt Ion: 91 Resp: 559467

Ion Ratio Lower Upper

91 100

126 33.9 17.0 50.9



#80

1,3,5-Trimethylbenzene

Concen: 116.131 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021305.D

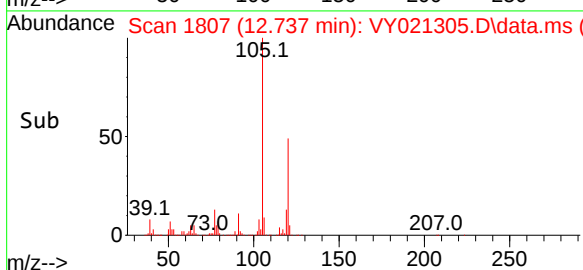
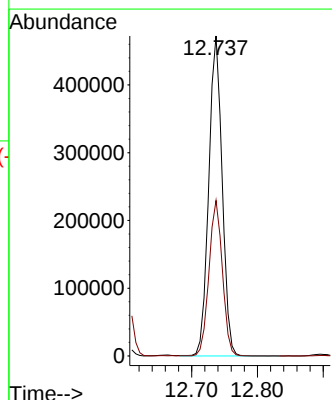
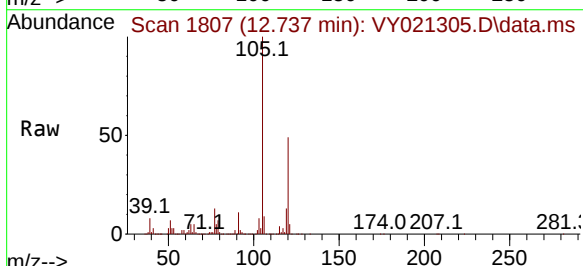
Acq: 24 Feb 2025 16:59

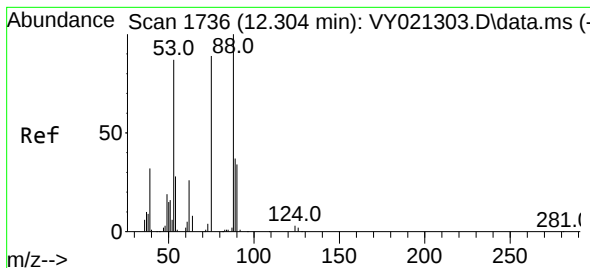
Tgt Ion: 105 Resp: 668698

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8

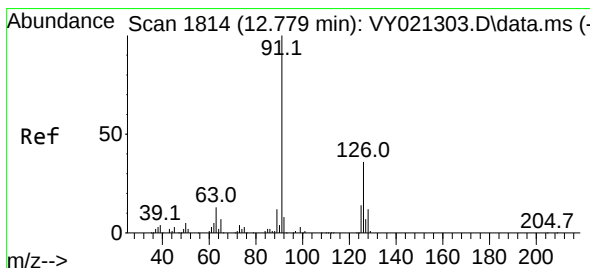
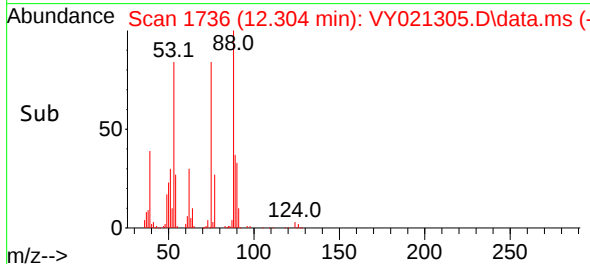
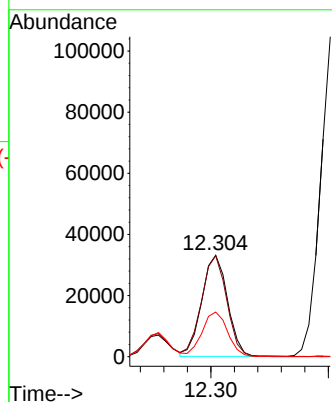
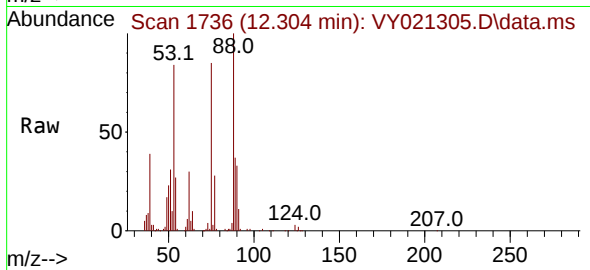




#81
trans-1,4-Dichloro-2-butene
Concen: 113.859 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

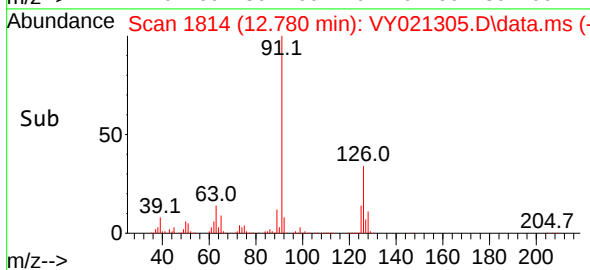
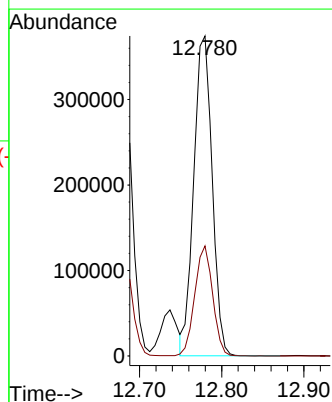
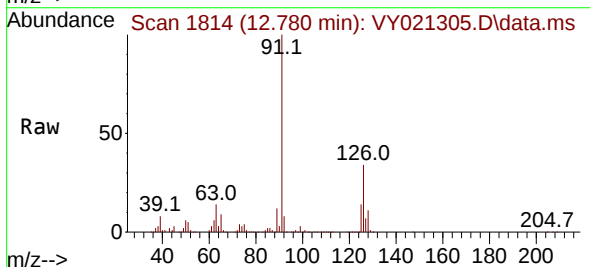
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

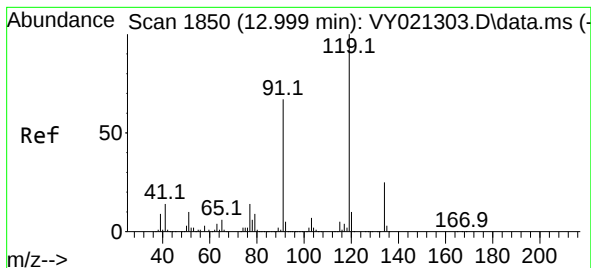
Tgt Ion: 75 Resp: 50227
Ion Ratio Lower Upper
75 100
53 98.5 79.8 119.8
89 43.7 36.4 54.6



#82
4-Chlorotoluene
Concen: 114.095 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 91 Resp: 580471
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.6





#83

tert-Butylbenzene

Concen: 114.228 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

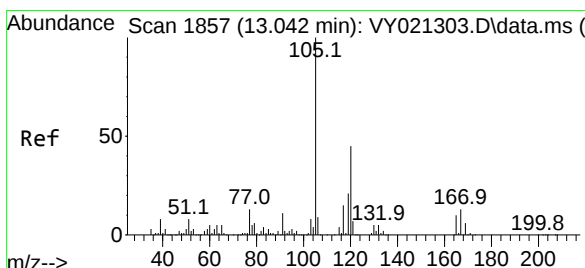
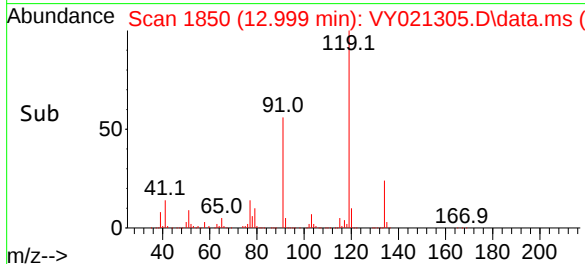
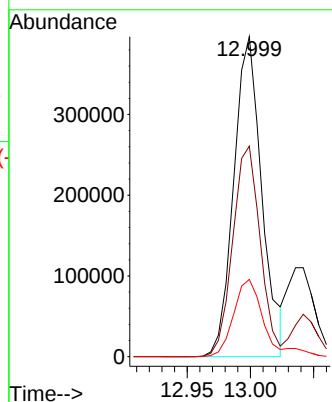
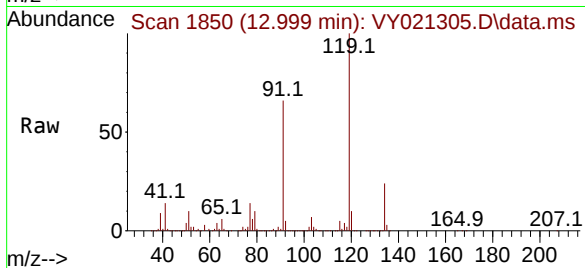
Tgt Ion:119 Resp: 611985

Ion Ratio Lower Upper

119 100

91 64.6 32.4 97.2

134 26.2 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 115.907 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021305.D

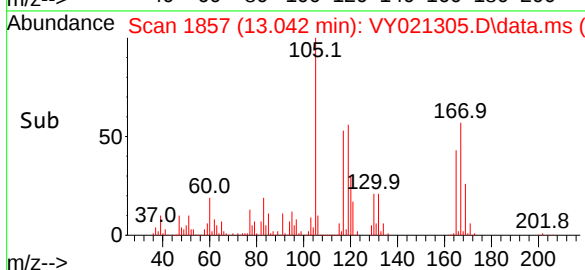
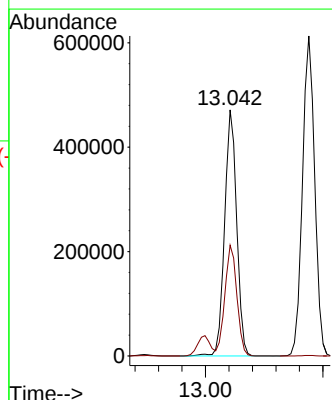
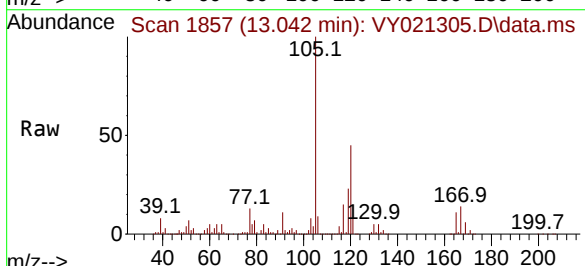
Acq: 24 Feb 2025 16:59

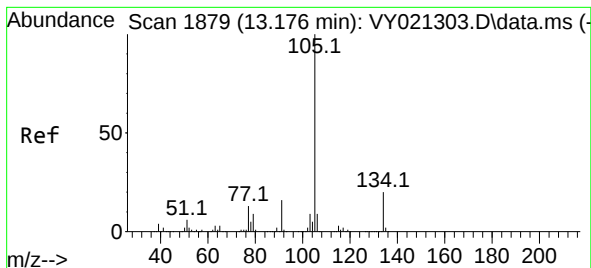
Tgt Ion:105 Resp: 672510

Ion Ratio Lower Upper

105 100

120 44.7 22.1 66.5





#85

sec-Butylbenzene

Concen: 114.138 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

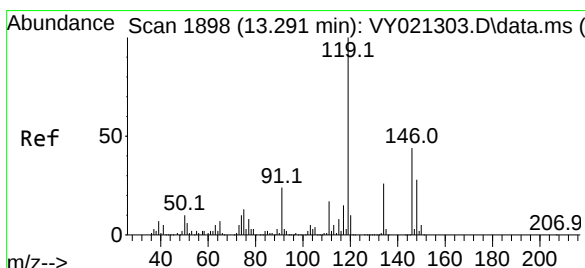
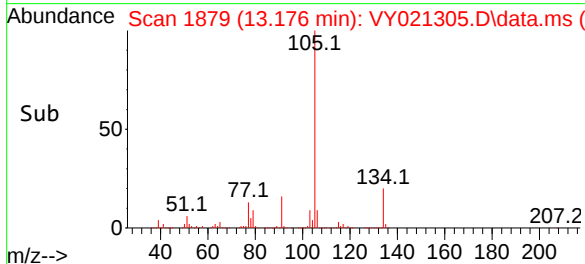
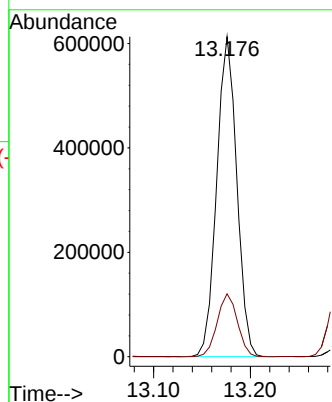
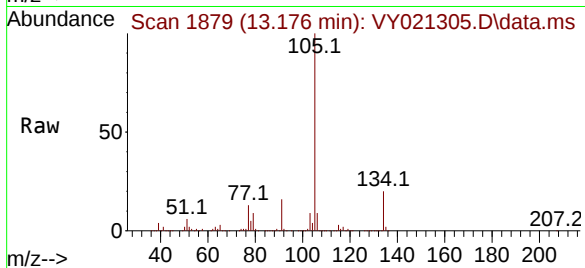
VSTDIC150

Tgt Ion:105 Resp: 881556

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.3



#86

p-Isopropyltoluene

Concen: 115.632 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

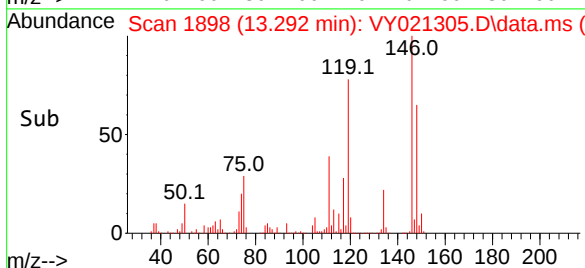
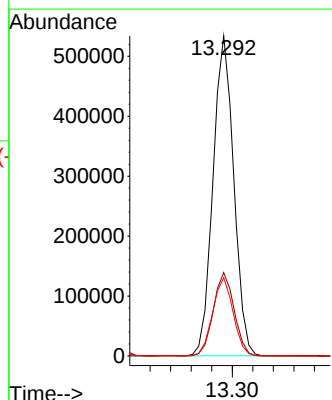
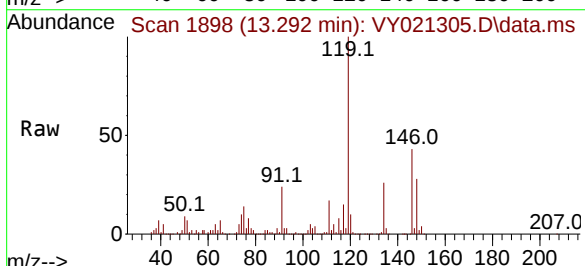
Tgt Ion:119 Resp: 747358

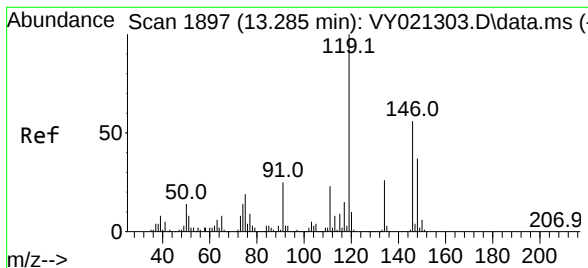
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 24.2 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 109.946 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

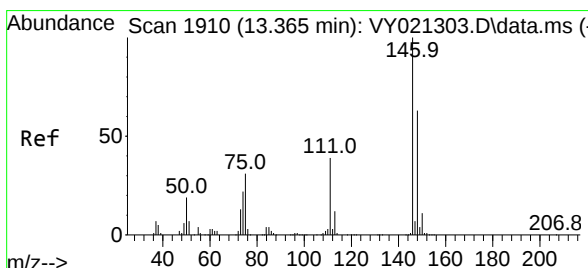
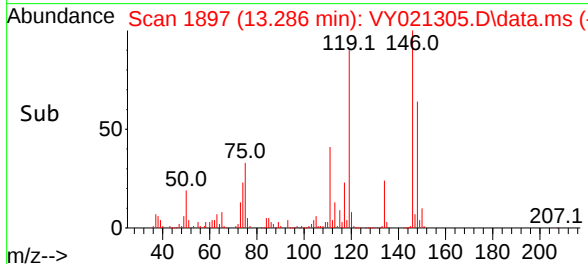
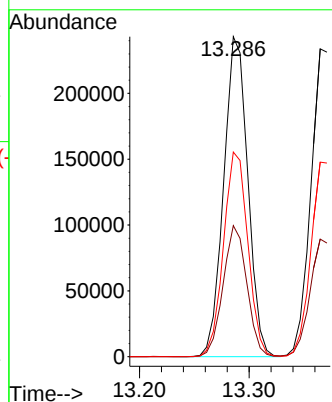
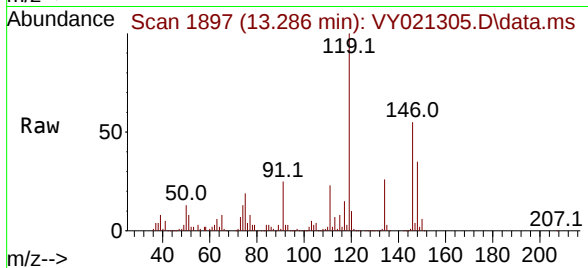
Tgt Ion:146 Resp: 371724

Ion Ratio Lower Upper

146 100

111 40.3 19.8 59.4

148 64.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 108.415 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

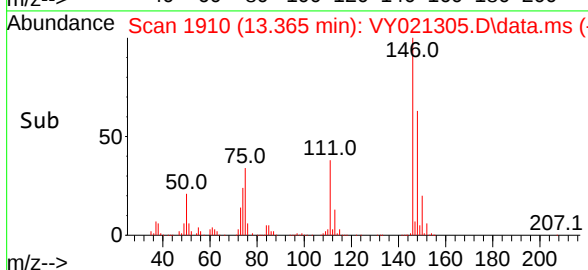
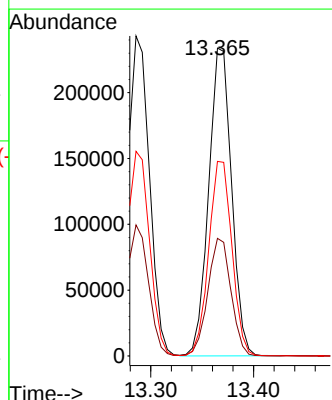
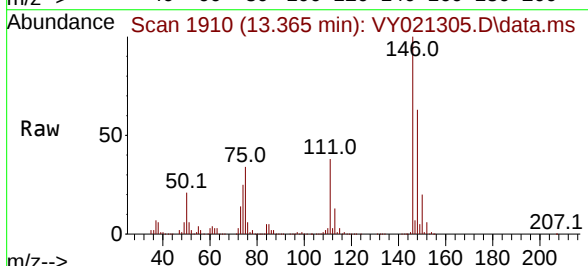
Tgt Ion:146 Resp: 361543

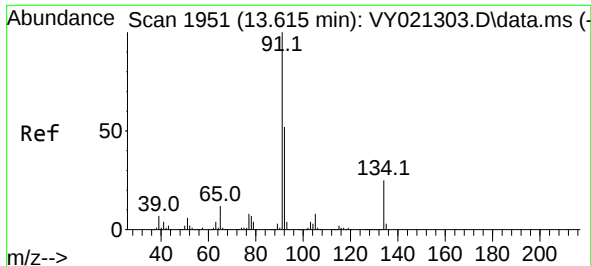
Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.9

148 64.1 31.6 94.8

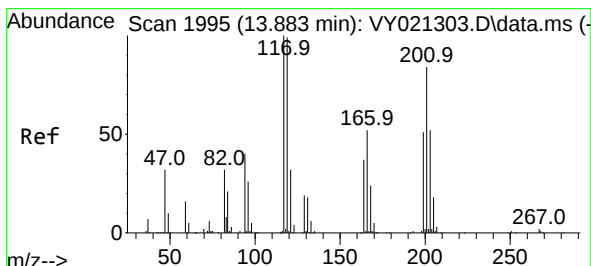
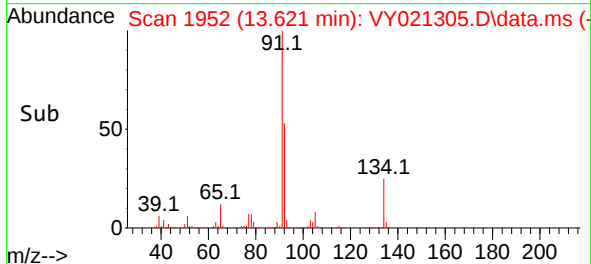
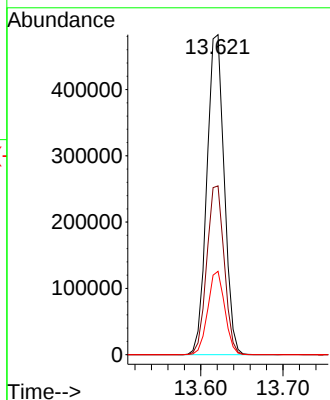
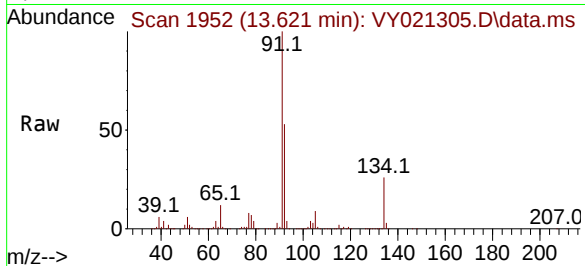




#89
n-Butylbenzene
Concen: 114.835 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

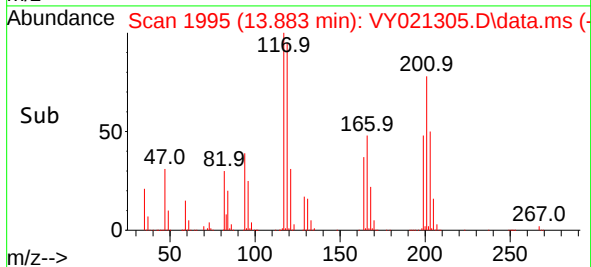
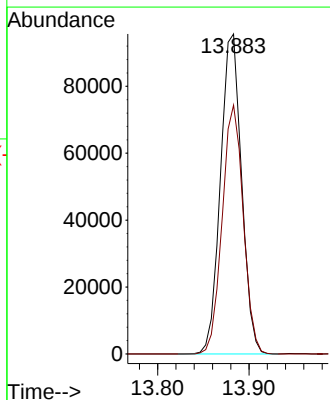
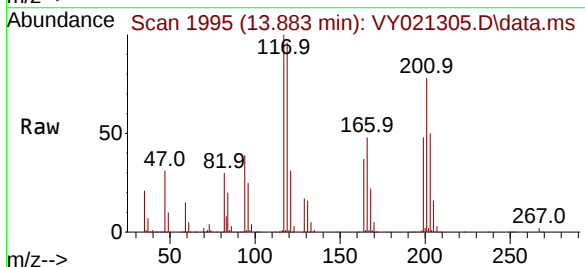
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

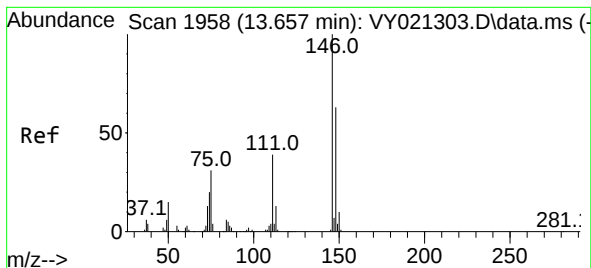
Tgt Ion: 91 Resp: 707681
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 25.6 12.8 38.3



#90
Hexachloroethane
Concen: 110.828 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021305.D
Acq: 24 Feb 2025 16:59

Tgt Ion: 117 Resp: 153580
Ion Ratio Lower Upper
117 100
201 77.5 39.5 118.3





#91

1,2-Dichlorobenzene

Concen: 109.283 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

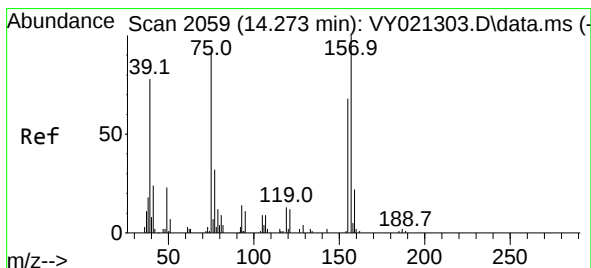
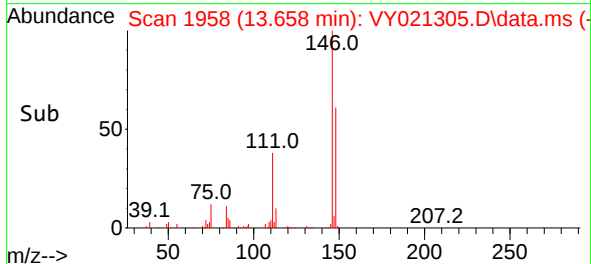
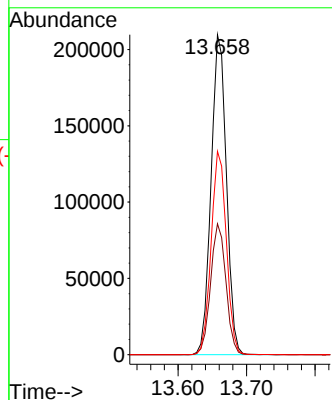
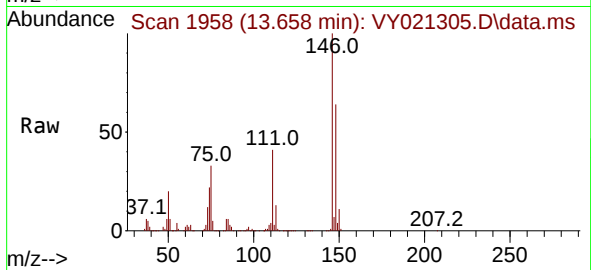
Tgt Ion:146 Resp: 325895

Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.5

148 63.3 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 109.028 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

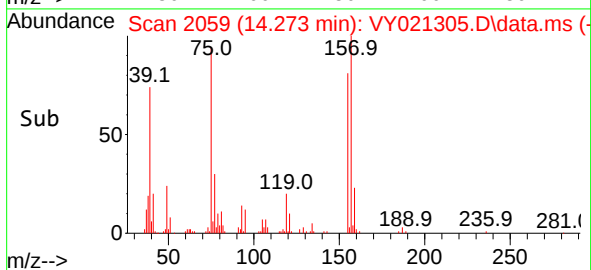
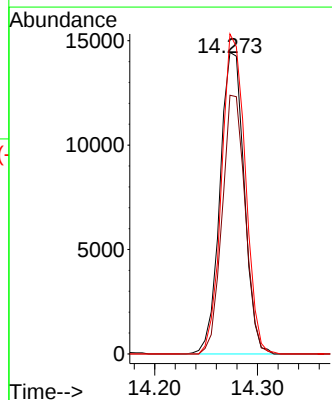
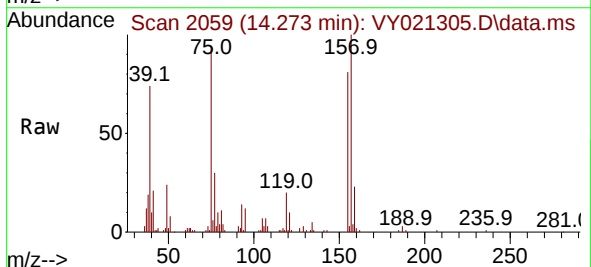
Tgt Ion: 75 Resp: 23555

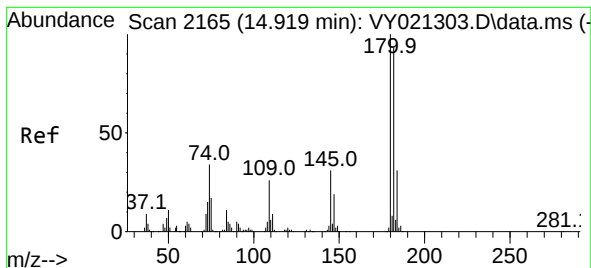
Ion Ratio Lower Upper

75 100

155 81.7 41.8 125.3

157 103.8 55.3 165.9





#93

1,2,4-Trichlorobenzene

Concen: 120.298 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

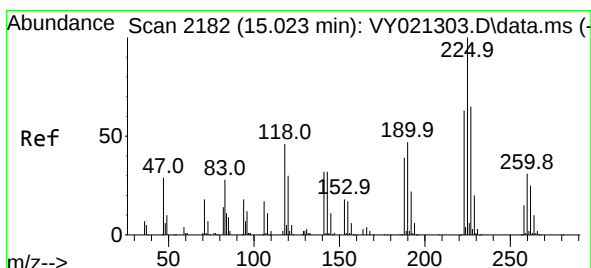
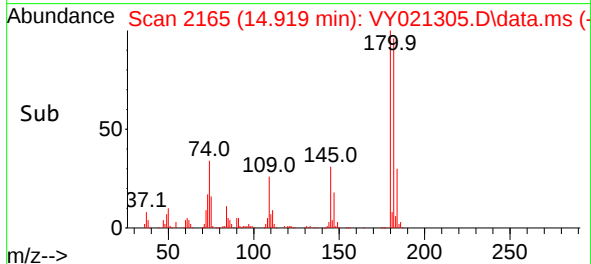
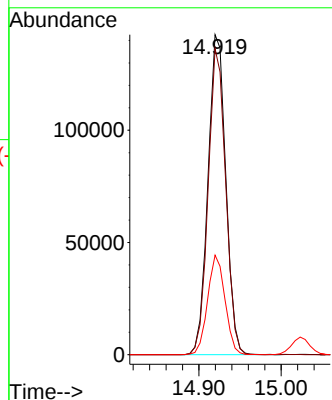
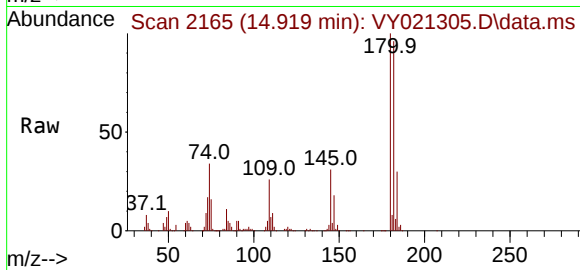
Tgt Ion:180 Resp: 214707

Ion Ratio Lower Upper

180 100

182 93.9 47.8 143.4

145 30.3 15.2 45.6



#94

Hexachlorobutadiene

Concen: 107.304 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

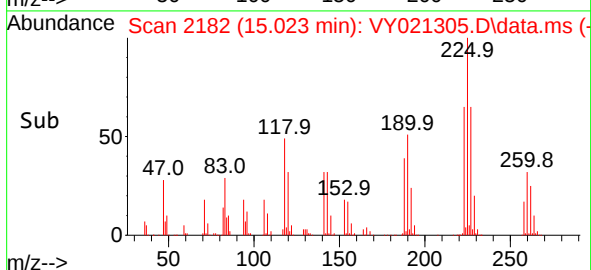
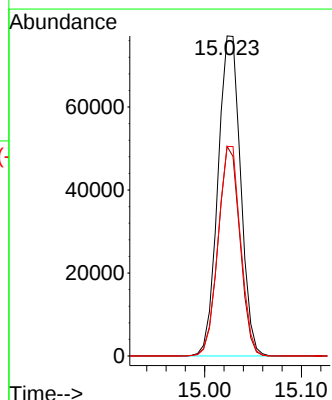
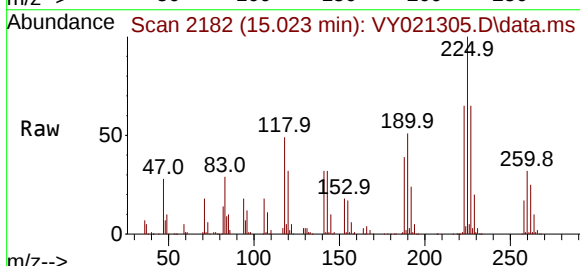
Tgt Ion:225 Resp: 125144

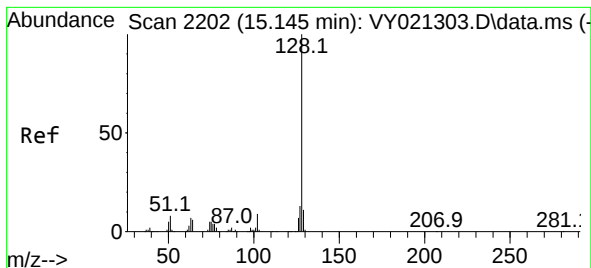
Ion Ratio Lower Upper

225 100

223 63.0 30.7 92.1

227 64.9 31.8 95.3





#95

Naphthalene

Concen: 128.911 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

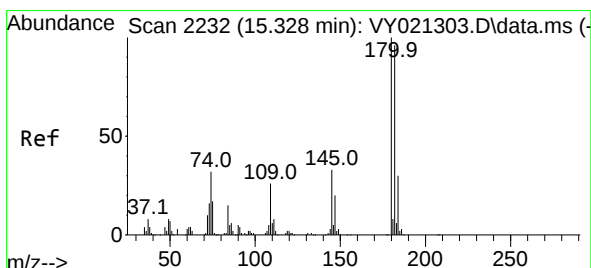
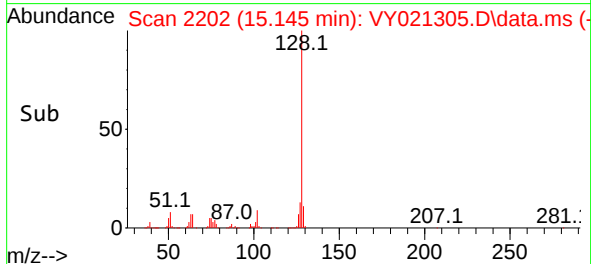
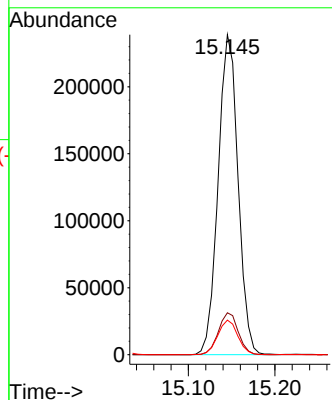
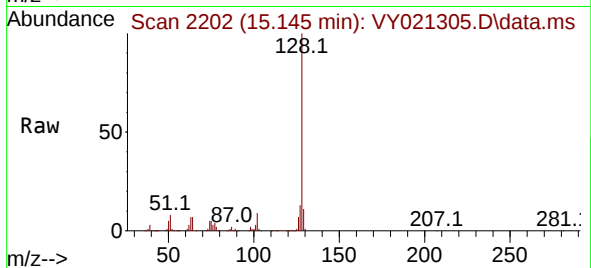
Tgt Ion:128 Resp: 381489

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 119.244 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021305.D

Acq: 24 Feb 2025 16:59

Tgt Ion:180 Resp: 182722

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.5

145 32.0 16.2 48.5

