

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
 Data File : VY021316.D
 Acq On : 25 Feb 2025 16:49
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 26 01:47:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 01:41:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	190677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	300486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	267150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	208535	96.407	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 192.820%#	
35) Dibromofluoromethane	7.634	113	193803	98.377	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 196.760%#	
50) Toluene-d8	10.103	98	752895	98.889	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 197.780%#	
62) 4-Bromofluorobenzene	12.408	95	252327	98.477	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 196.960%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	170537	94.332	ug/l	97
3) Chloromethane	2.068	50	217555	93.180	ug/l	99
4) Vinyl Chloride	2.202	62	221196	96.523	ug/l	97
5) Bromomethane	2.592	94	136840	89.858	ug/l	100
6) Chloroethane	2.732	64	135372	95.259	ug/l	99
7) Trichlorofluoromethane	3.056	101	331928	95.909	ug/l	95
8) Diethyl Ether	3.452	74	100381	96.637	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	193544	96.593	ug/l	99
10) Methyl Iodide	4.000	142	228728	108.503	ug/l	100
11) Tert butyl alcohol	4.854	59	65742	395.134	ug/l	99
12) 1,1-Dichloroethene	3.787	96	186684	97.304	ug/l	99
13) Acrolein	3.653	56	11267	88.370	ug/l	99
14) Allyl chloride	4.378	41	339203	99.720	ug/l	99
15) Acrylonitrile	5.055	53	219275	477.449	ug/l	99
16) Acetone	3.866	43	196435	473.421	ug/l	99
17) Carbon Disulfide	4.104	76	617661	96.953	ug/l	100
18) Methyl Acetate	4.385	43	95405	94.085	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	498467	98.337	ug/l	99
20) Methylene Chloride	4.616	84	201698	89.894	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	208498	98.718	ug/l	96
22) Diisopropyl ether	6.018	45	697290	99.061	ug/l	97
23) Vinyl Acetate	5.957	43	2103219	500.017	ug/l	99
24) 1,1-Dichloroethane	5.909	63	384030	96.798	ug/l	99
25) 2-Butanone	6.890	43	303077	483.977	ug/l	97
26) 2,2-Dichloropropane	6.884	77	350870	97.467	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	238916	99.061	ug/l	99
28) Bromochloromethane	7.244	49	167271	95.287	ug/l	99
29) Tetrahydrofuran	7.256	42	199056	486.299	ug/l	98
30) Chloroform	7.421	83	387767	96.458	ug/l	99
31) Cyclohexane	7.701	56	351876	92.269	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	353701	96.663	ug/l	98
36) 1,1-Dichloropropene	7.835	75	287472	97.146	ug/l	100
37) Ethyl Acetate	6.982	43	137233	93.230	ug/l	99
38) Carbon Tetrachloride	7.817	117	321576	96.663	ug/l	99
39) Methylcyclohexane	9.109	83	371172	99.169	ug/l	99
40) Benzene	8.079	78	847066	96.835	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	77542	94.219	ug/l	99
42) 1,2-Dichloroethane	8.152	62	236704	95.375	ug/l	100
43) Isopropyl Acetate	8.195	43	280321	98.388	ug/l	99
44) Trichloroethene	8.865	130	212562	97.057	ug/l	99
45) 1,2-Dichloropropane	9.140	63	201701	95.814	ug/l	98
46) Dibromomethane	9.231	93	110814	96.301	ug/l	99
47) Bromodichloromethane	9.420	83	297320	96.904	ug/l	99
48) Methyl methacrylate	9.219	41	135412	101.635	ug/l	99
49) 1,4-Dioxane	9.225	88	24355	1903.504	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	716009	490.938	ug/l	100
52) Toluene	10.170	92	539016	99.189	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	284731	101.290	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	328107	98.870	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	142372	94.975	ug/l	98
56) Ethyl methacrylate	10.438	69	216586	104.564	ug/l	98
57) 1,3-Dichloropropane	10.719	76	255903	97.283	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	530695	533.791	ug/l	100
59) 2-Hexanone	10.761	43	485734	507.115	ug/l	99
60) Dibromochloromethane	10.908	129	199225	97.582	ug/l	99
61) 1,2-Dibromoethane	11.011	107	136284	96.029	ug/l	98
64) Tetrachloroethene	10.646	164	189679	93.936	ug/l	99
65) Chlorobenzene	11.438	112	576109	96.070	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	203696	97.007	ug/l	99
67) Ethyl Benzene	11.517	91	1057129	99.522	ug/l	100
68) m/p-Xylenes	11.627	106	783034	195.986	ug/l	100
69) o-Xylene	11.956	106	370964	99.112	ug/l	100
70) Styrene	11.969	104	619437	99.469	ug/l	99
71) Bromoform	12.133	173	114495	95.313	ug/l #	99
73) Isopropylbenzene	12.255	105	987758	100.648	ug/l	99
74) N-amyl acetate	12.072	43	258576	103.658	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	162941	94.075	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	221853	168.760	ug/l #	100
77) Bromobenzene	12.529	156	223081	97.728	ug/l	98
78) n-propylbenzene	12.596	91	1186751	99.651	ug/l	100
79) 2-Chlorotoluene	12.682	91	666071	97.455	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	794247	98.676	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	58806	100.031	ug/l	99
82) 4-Chlorotoluene	12.779	91	687385	97.022	ug/l	100
83) tert-Butylbenzene	12.999	119	720480	99.092	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	795840	99.415	ug/l	100
85) sec-Butylbenzene	13.176	105	1041022	98.021	ug/l	100
86) p-Isopropyltoluene	13.291	119	881757	99.431	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	435489	96.445	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	425301	95.343	ug/l	99
89) n-Butylbenzene	13.621	91	840236	100.683	ug/l	100
90) Hexachloroethane	13.883	117	181015	97.720	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	377453	95.410	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	26541	96.867	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	248146	102.770	ug/l	100
94) Hexachlorobutadiene	15.023	225	147103	96.770	ug/l	99
95) Naphthalene	15.145	128	436817	109.220	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	211313	103.581	ug/l	98

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ClientSampleId :
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QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

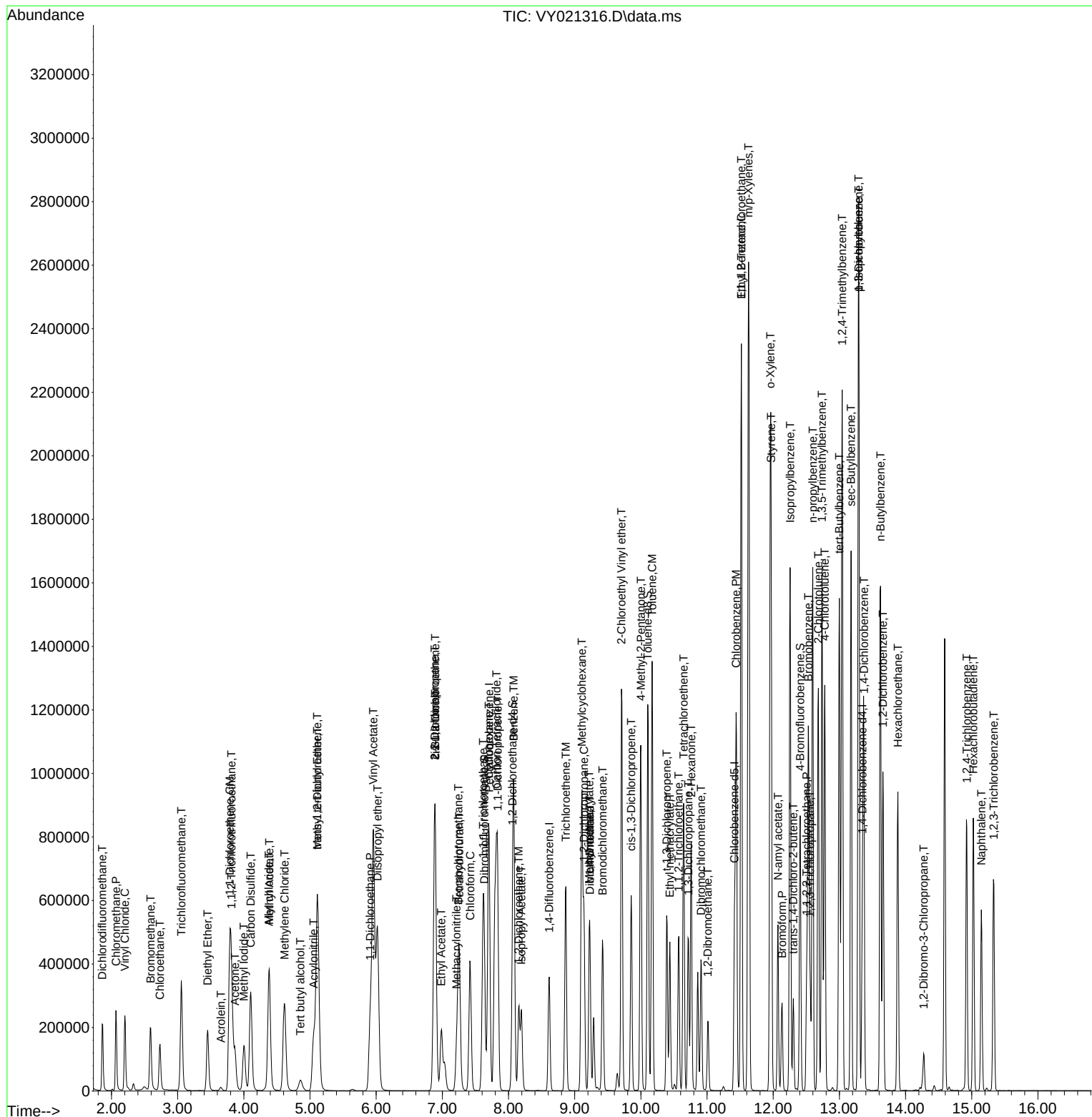
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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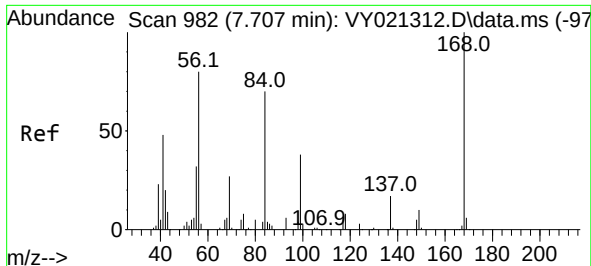
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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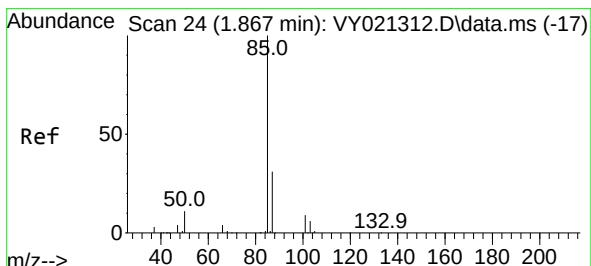
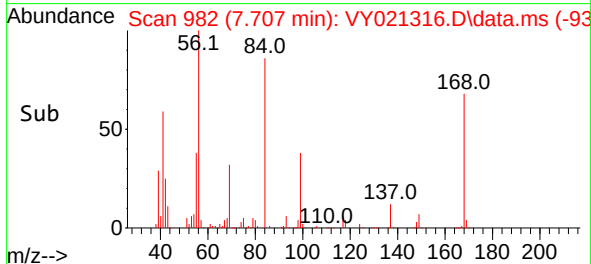
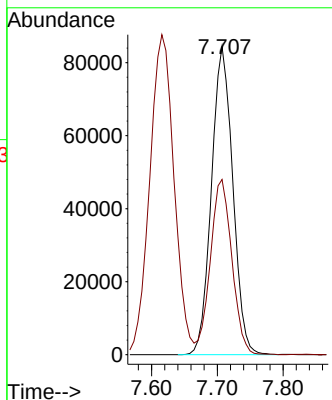
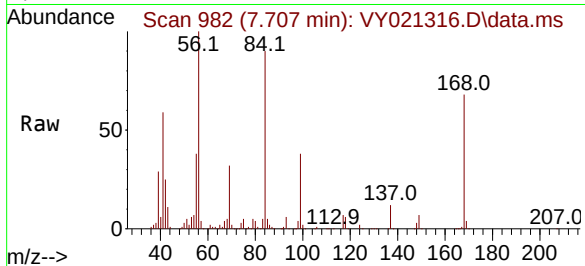




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021316.D
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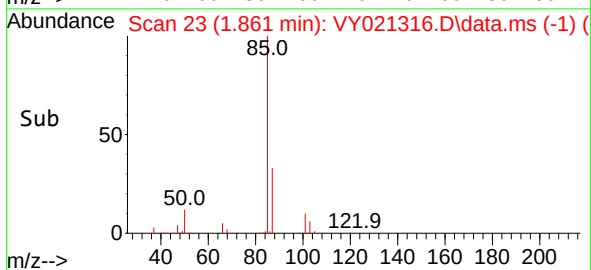
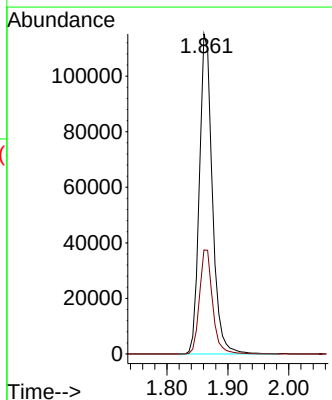
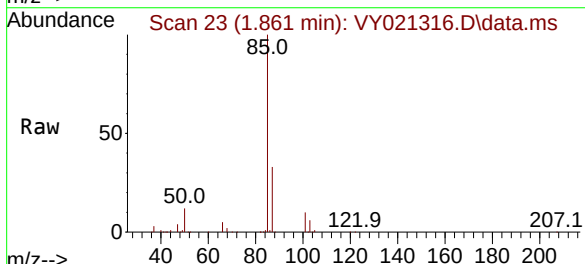
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

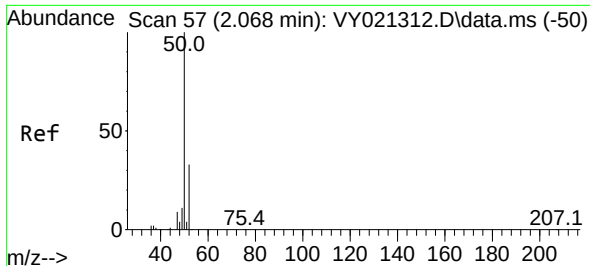
Tgt Ion:168 Resp: 190677
Ion Ratio Lower Upper
168 100
99 56.8 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 94.332 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 85 Resp: 170537
Ion Ratio Lower Upper
85 100
87 32.5 15.4 46.4

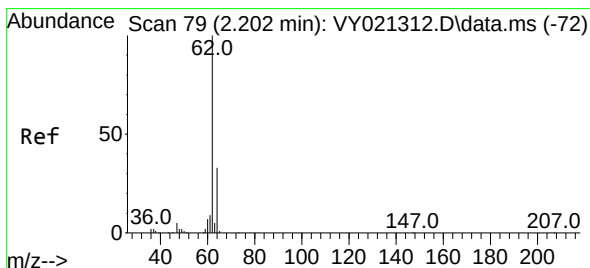
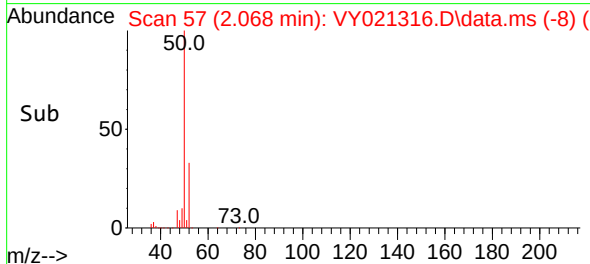
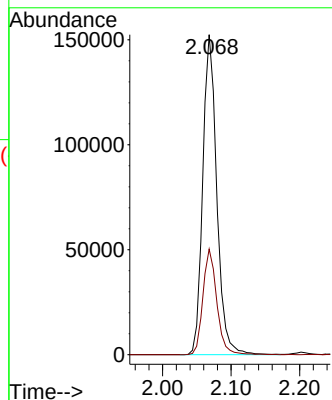
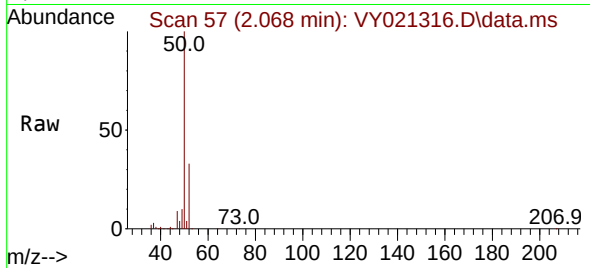




#3
Chloromethane
Concen: 93.180 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021316.D
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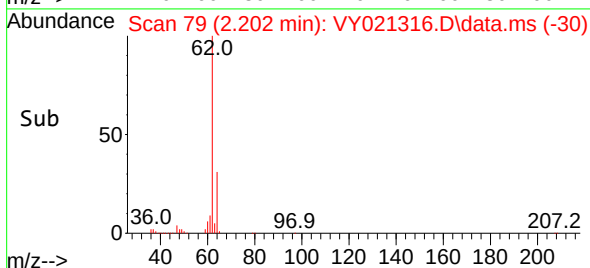
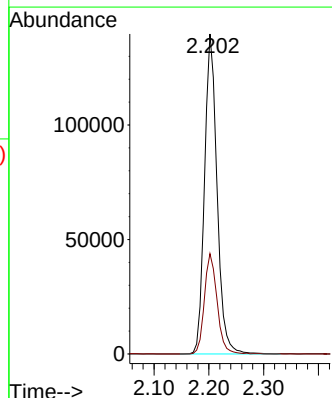
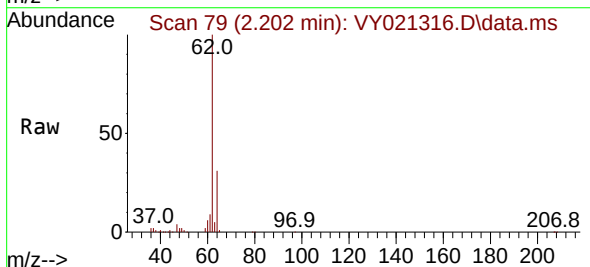
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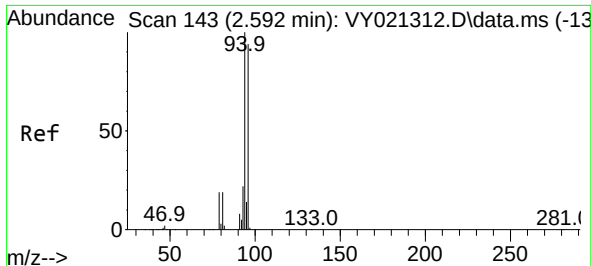
Tgt Ion: 50 Resp: 217555
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0



#4
Vinyl Chloride
Concen: 96.523 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 62 Resp: 221196
Ion Ratio Lower Upper
62 100
64 31.4 26.3 39.5

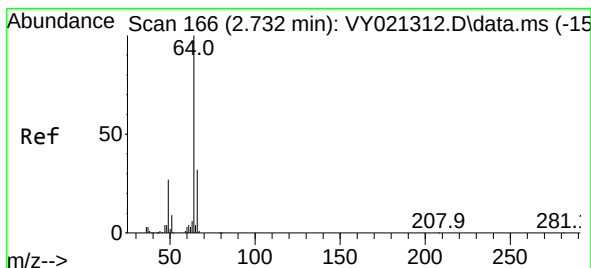
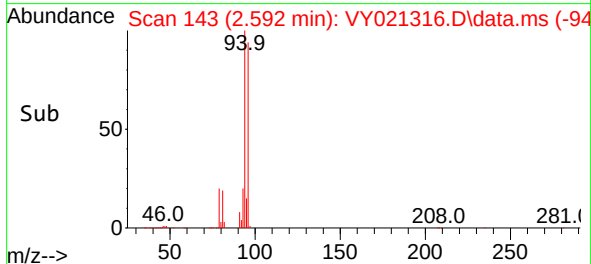
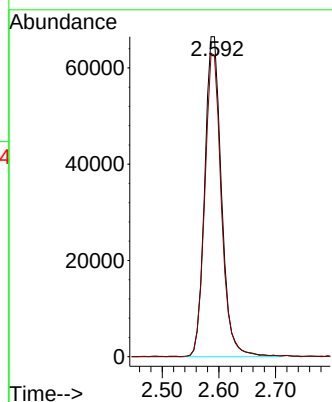
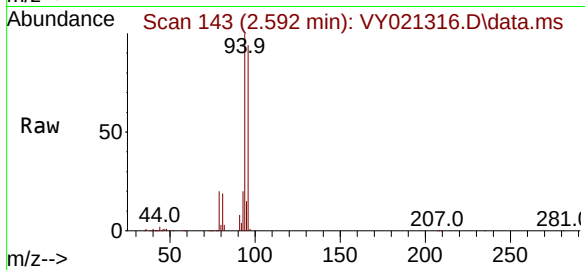




#5
Bromomethane
Concen: 89.858 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021316.D
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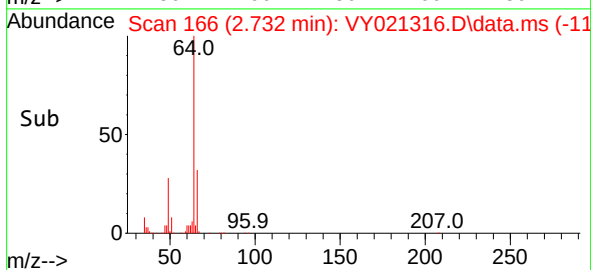
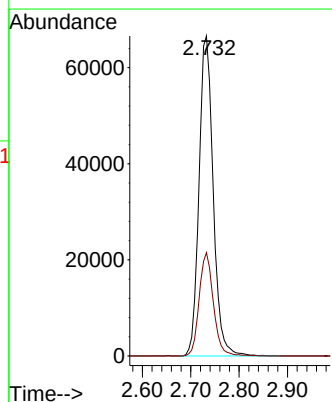
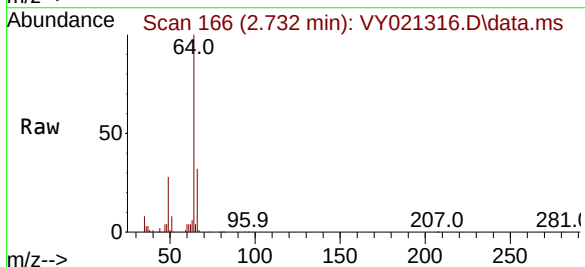
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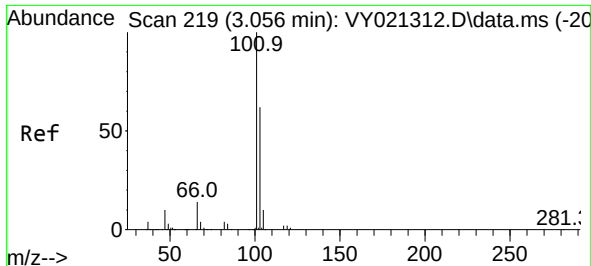
Tgt Ion: 94 Resp: 136840
Ion Ratio Lower Upper
94 100
96 94.2 75.2 112.8



#6
Chloroethane
Concen: 95.259 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 64 Resp: 135372
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0

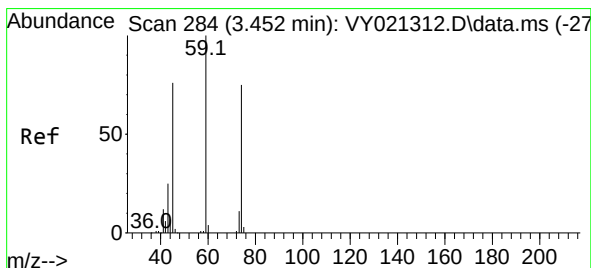
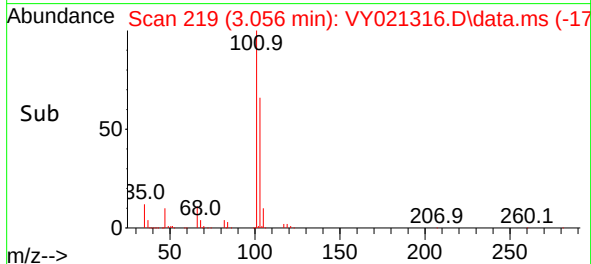
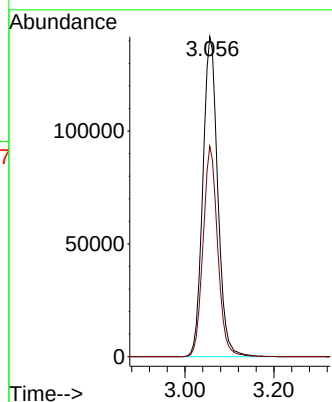
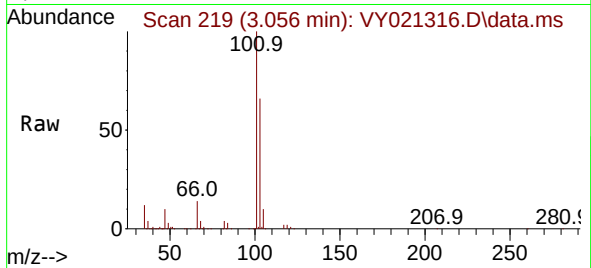




#7
Trichlorofluoromethane
Concen: 95.909 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY021316.D
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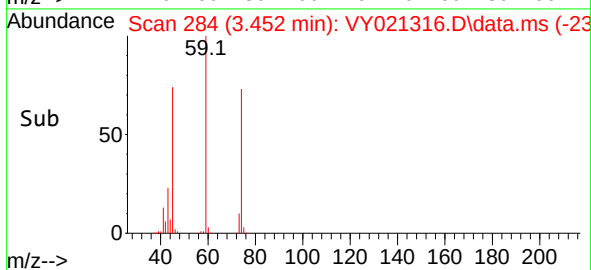
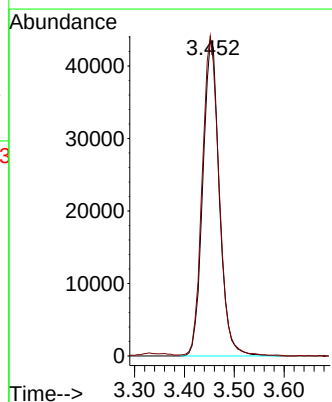
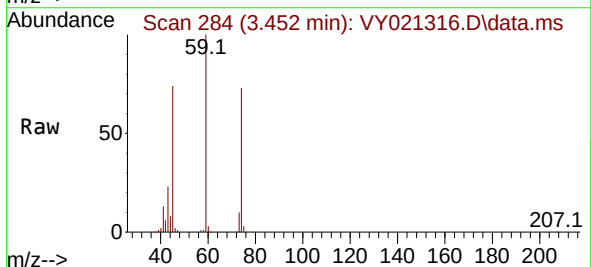
Instrument :
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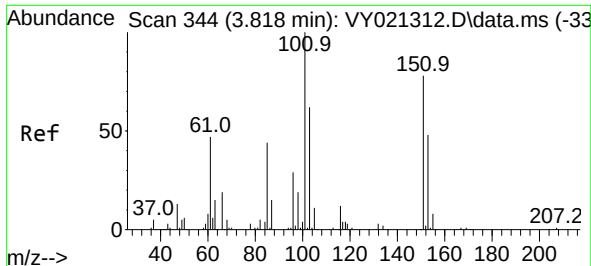
Tgt Ion:101 Resp: 331928
Ion Ratio Lower Upper
101 100
103 65.7 49.7 74.5



#8
Diethyl Ether
Concen: 96.637 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 74 Resp: 100381
Ion Ratio Lower Upper
74 100
45 104.0 50.3 150.9

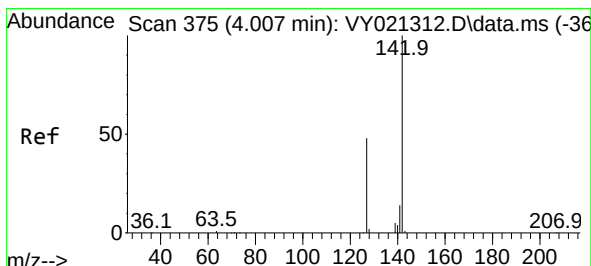
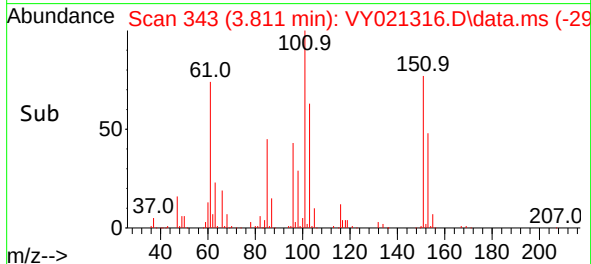
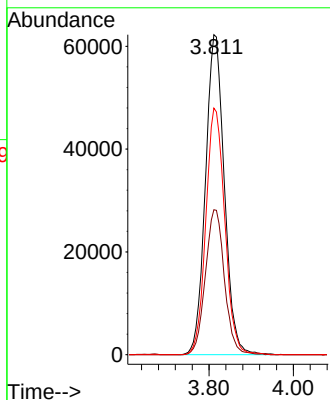
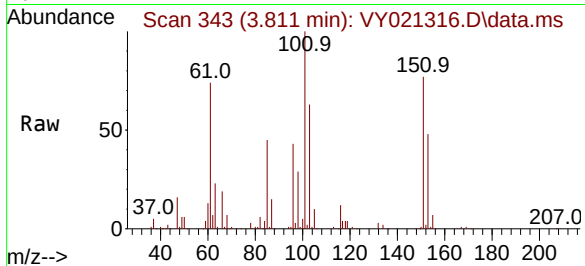




#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.593 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

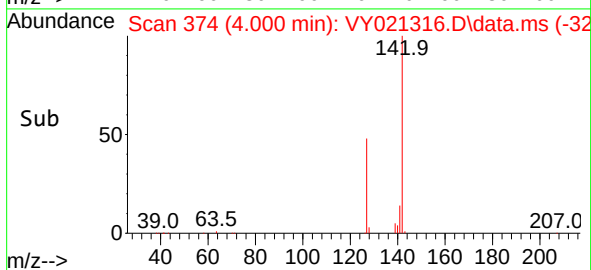
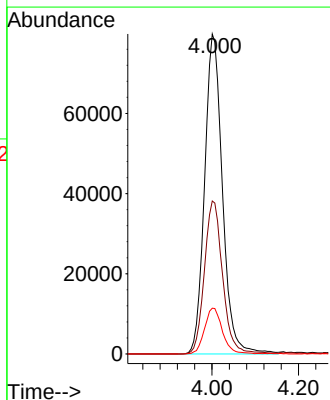
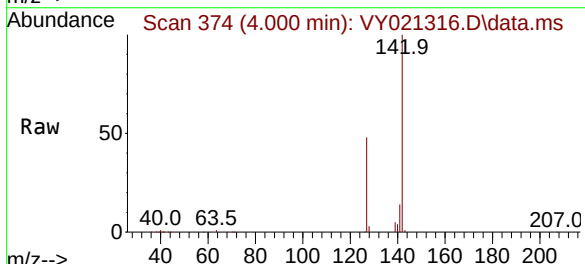
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

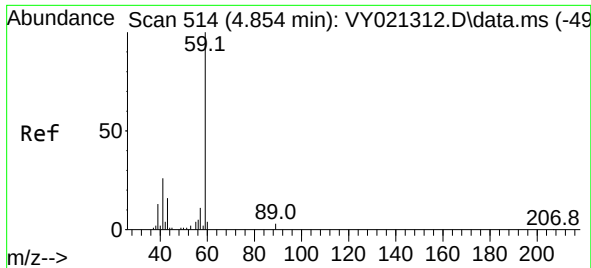
Tgt Ion:101 Resp: 193544
Ion Ratio Lower Upper
101 100
85 45.8 36.7 55.1
151 77.3 62.6 94.0



#10
Methyl Iodide
Concen: 108.503 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:142 Resp: 228728
Ion Ratio Lower Upper
142 100
127 48.8 39.2 58.8
141 14.3 11.4 17.2

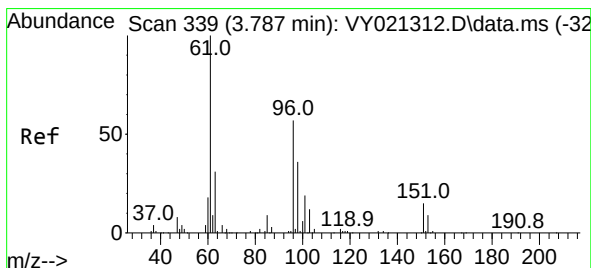
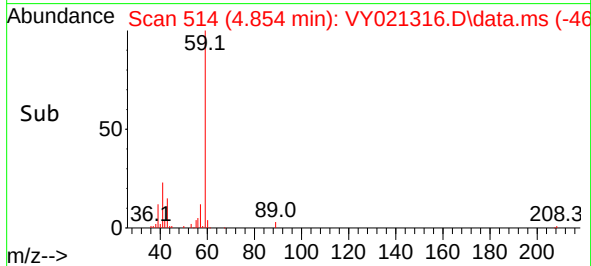
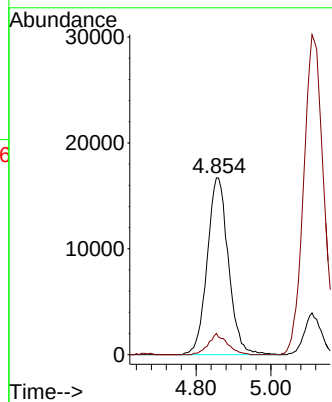
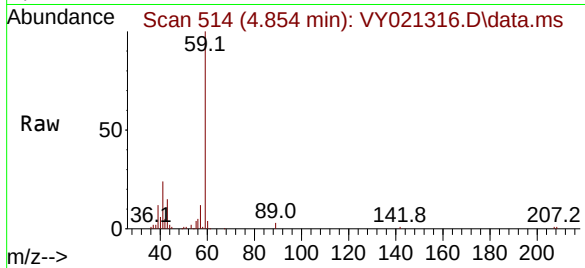




#11
Tert butyl alcohol
Concen: 395.134 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

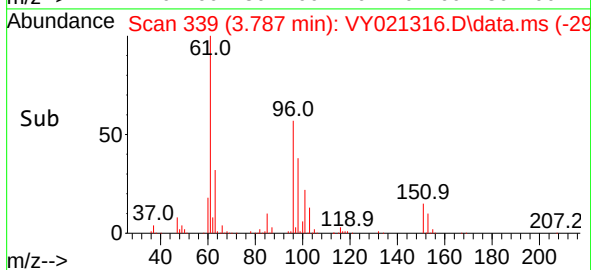
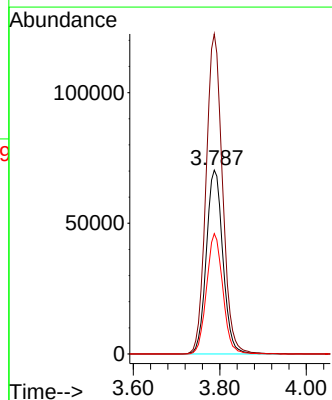
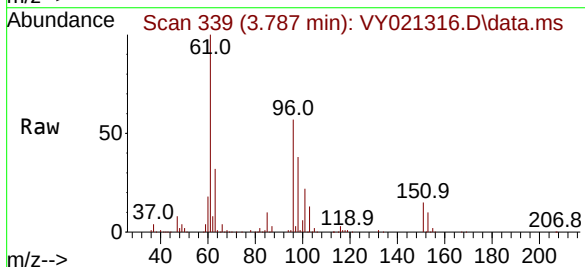
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

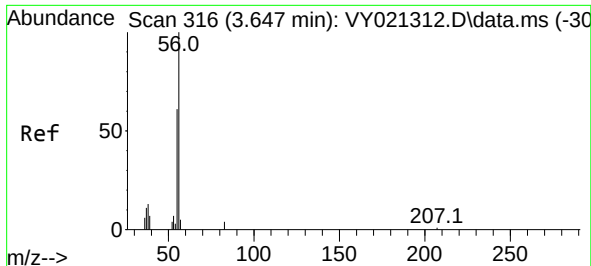
Tgt Ion: 59 Resp: 65742
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 97.304 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 96 Resp: 186684
Ion Ratio Lower Upper
96 100
61 174.1 139.7 209.5
98 65.5 49.7 74.5

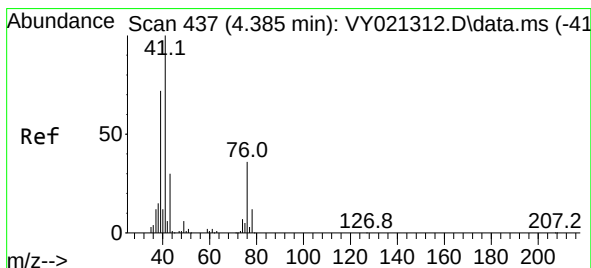
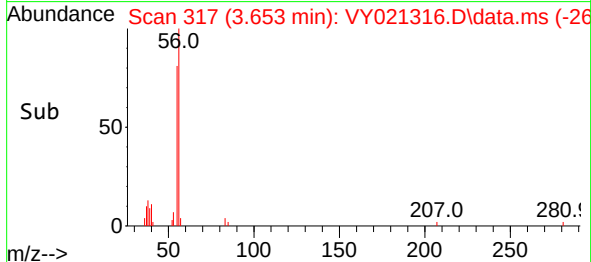
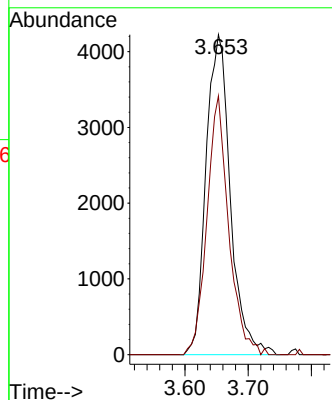
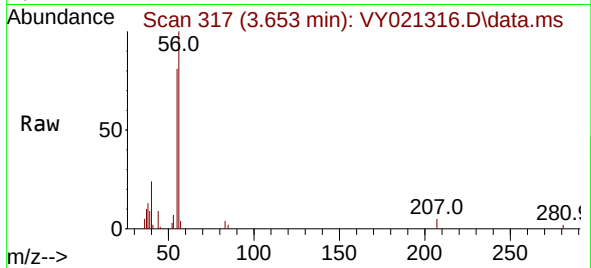




#13
Acrolein
Concen: 88.370 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

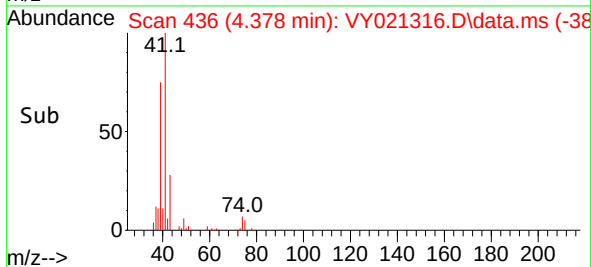
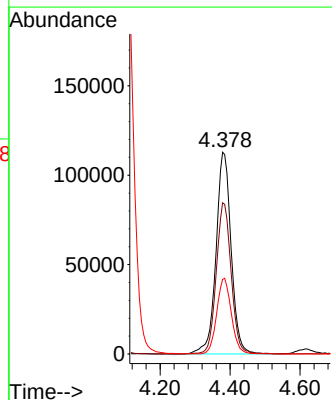
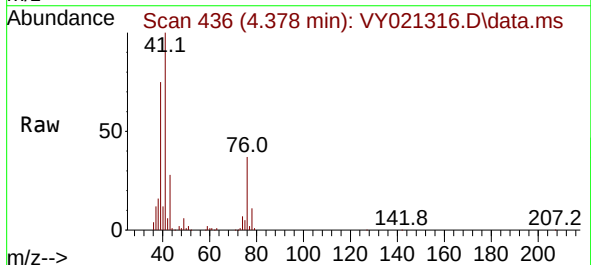
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

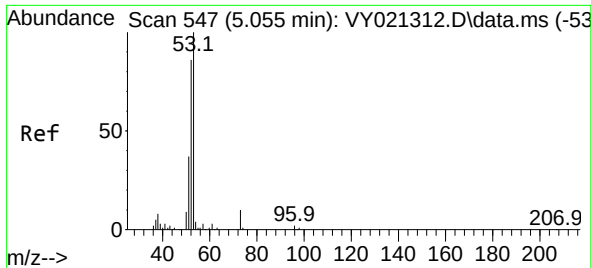
Tgt Ion: 56 Resp: 11267
Ion Ratio Lower Upper
56 100
55 72.5 59.0 88.6



#14
Allyl chloride
Concen: 99.720 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 41 Resp: 339203
Ion Ratio Lower Upper
41 100
39 73.6 60.0 90.0
76 36.1 29.0 43.6

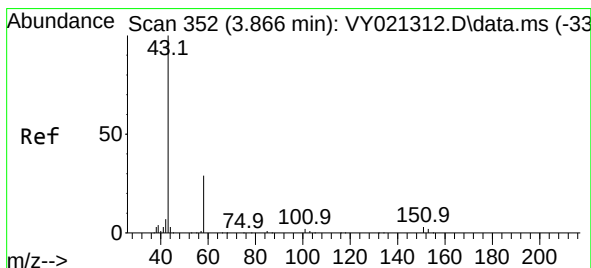
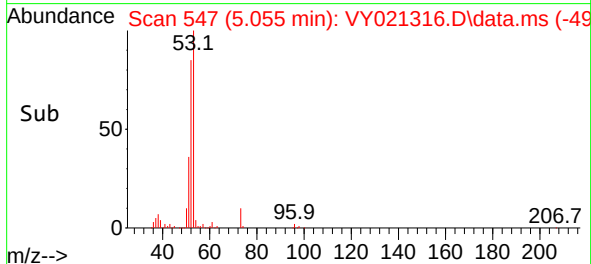
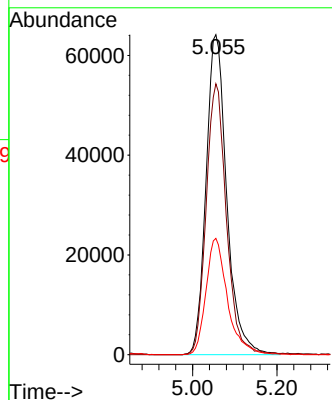
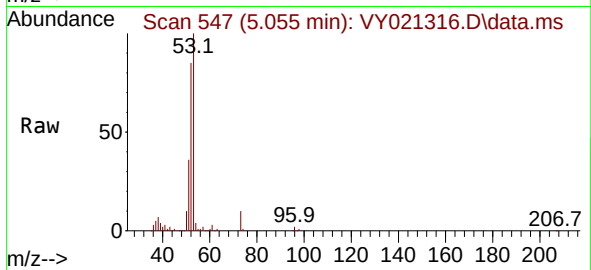




#15
Acrylonitrile
Concen: 477.449 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

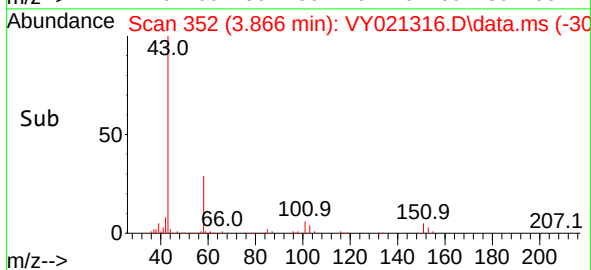
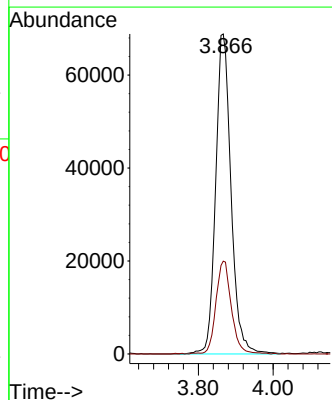
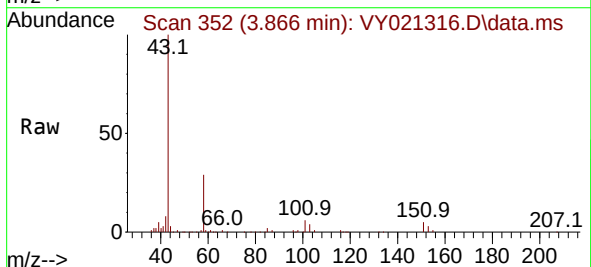
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

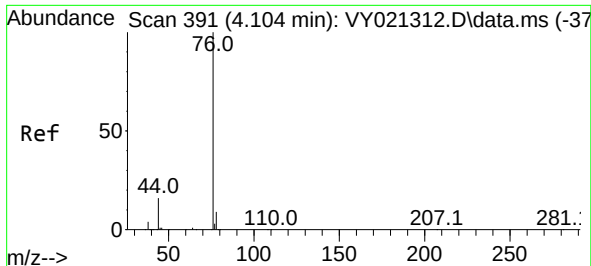
Tgt Ion: 53 Resp: 219275
Ion Ratio Lower Upper
53 100
52 82.5 65.5 98.3
51 37.9 30.6 46.0



#16
Acetone
Concen: 473.421 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 43 Resp: 196435
Ion Ratio Lower Upper
43 100
58 29.0 23.5 35.3

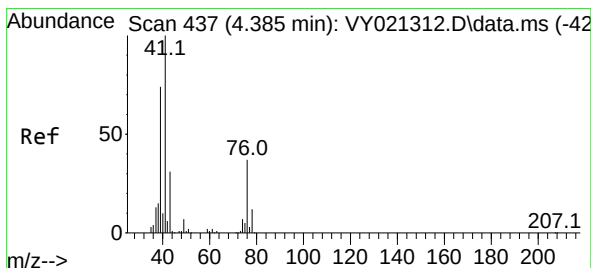
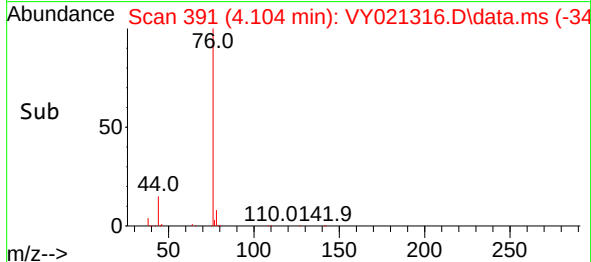
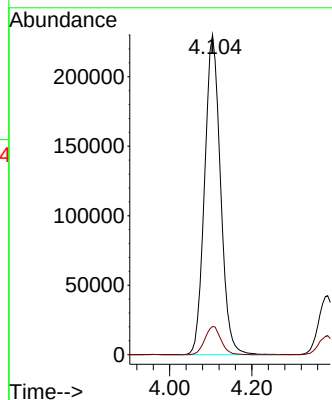
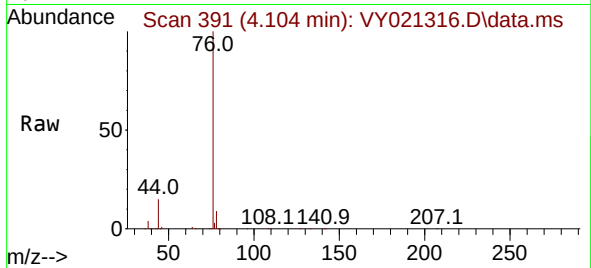




#17
Carbon Disulfide
Concen: 96.953 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

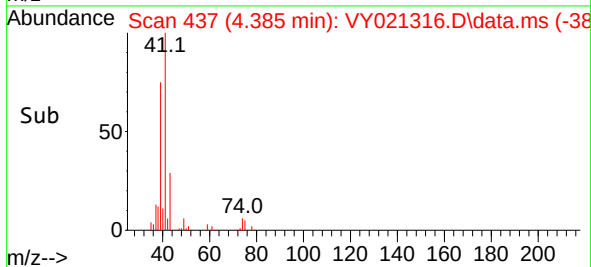
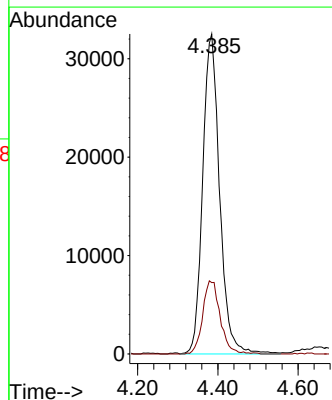
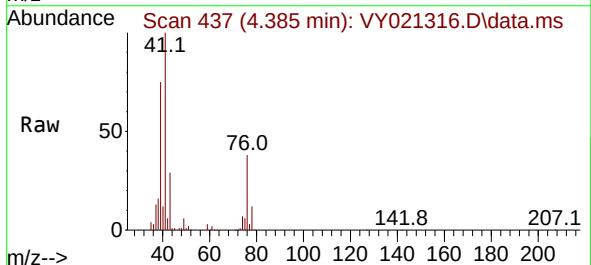
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

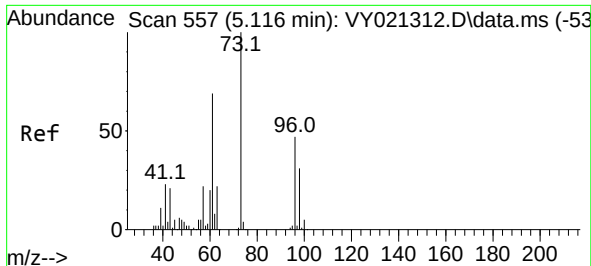
Tgt Ion: 76 Resp: 617661
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 94.085 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 43 Resp: 95405
Ion Ratio Lower Upper
43 100
74 23.5 17.7 26.5

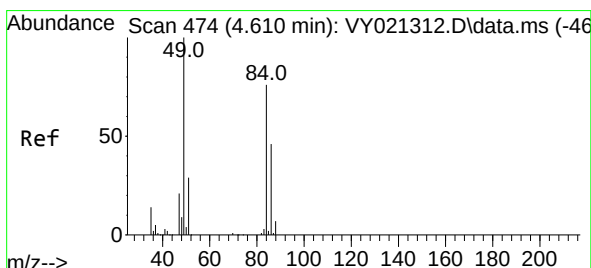
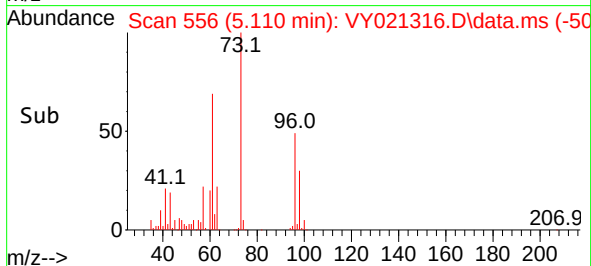
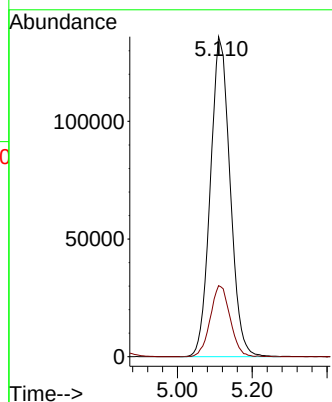
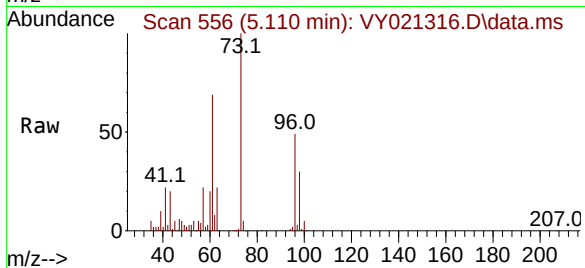




#19
Methyl tert-butyl Ether
Concen: 98.337 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

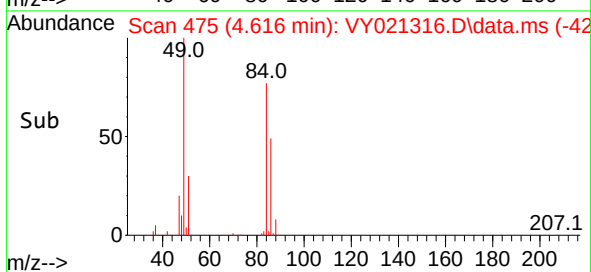
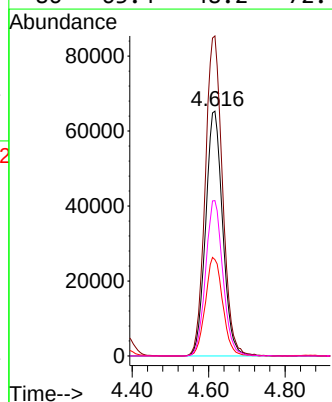
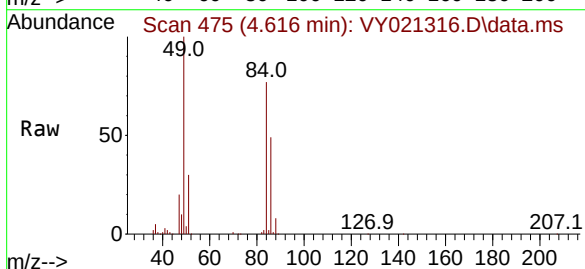
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

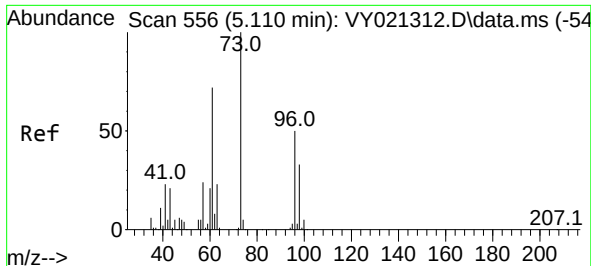
Tgt Ion: 73 Resp: 498467
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.0



#20
Methylene Chloride
Concen: 89.894 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 84 Resp: 201698
Ion Ratio Lower Upper
84 100
49 130.7 105.1 157.7
51 39.3 31.0 46.4
86 63.4 48.2 72.4

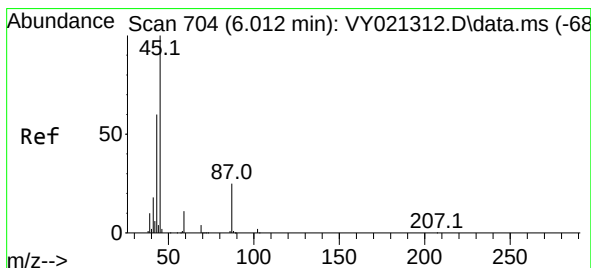
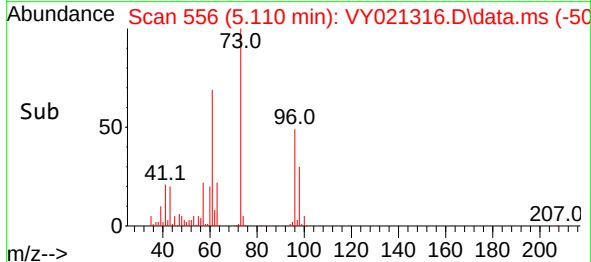
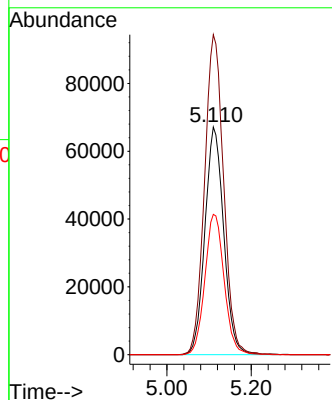
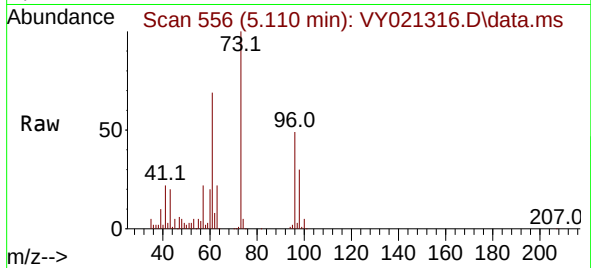




#21
trans-1,2-Dichloroethene
Concen: 98.718 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

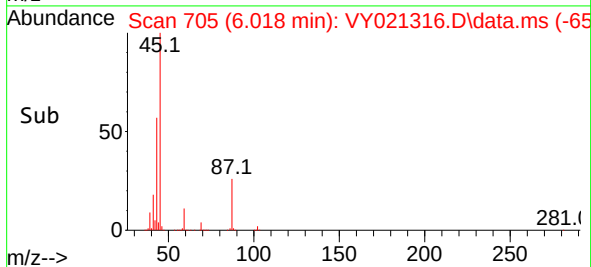
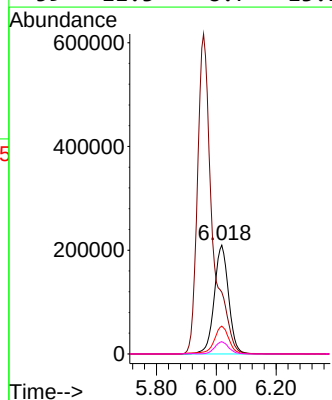
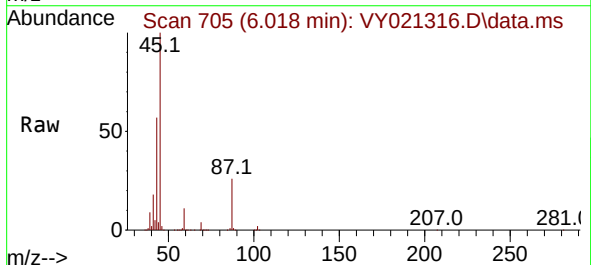
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

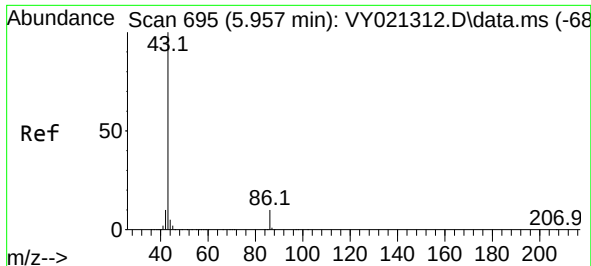
Tgt Ion: 96 Resp: 208498
Ion Ratio Lower Upper
96 100
61 140.5 116.3 174.5
98 61.7 52.6 78.8



#22
Diisopropyl ether
Concen: 99.061 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 45 Resp: 697290
Ion Ratio Lower Upper
45 100
43 56.7 48.2 72.4
87 25.6 20.3 30.5
59 11.3 8.7 13.1

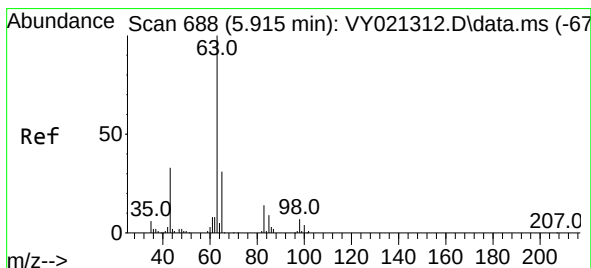
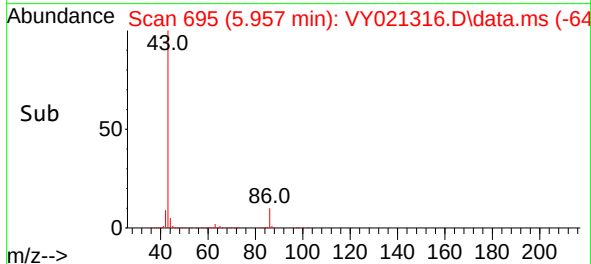
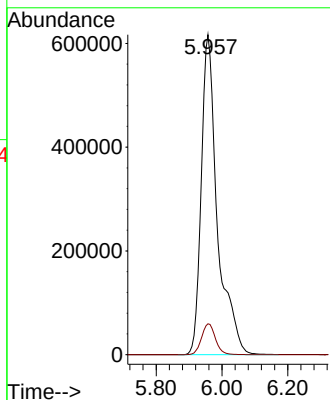
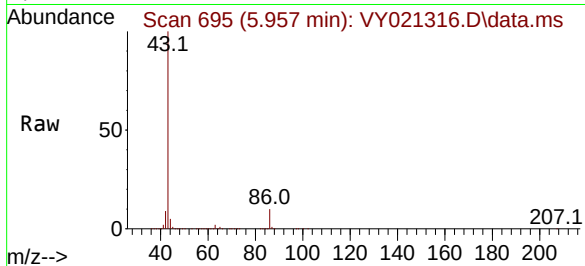




#23
 Vinyl Acetate
 Concen: 500.017 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021316.D
 Acq: 25 Feb 2025 16:49

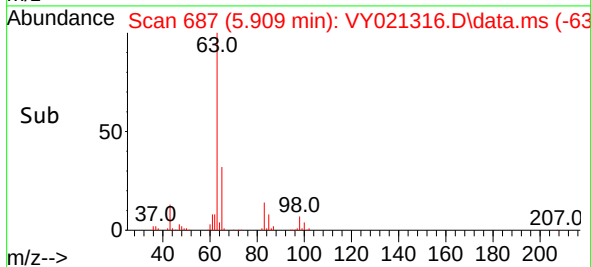
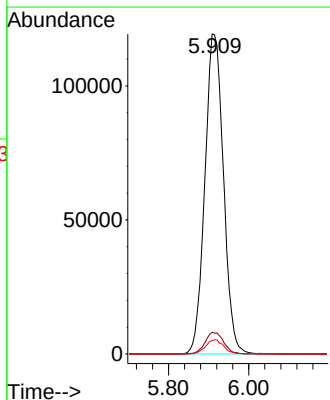
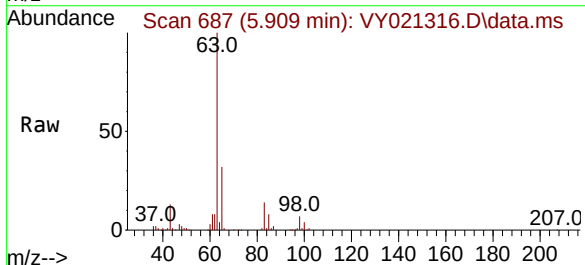
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

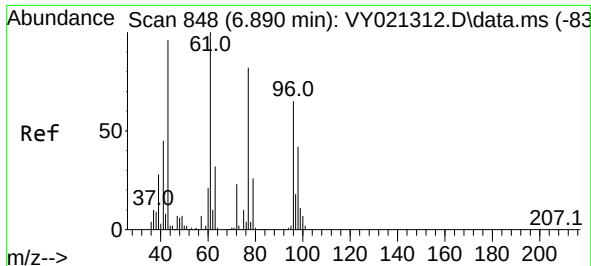
Tgt Ion: 43 Resp: 2103219
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 96.798 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY021316.D
 Acq: 25 Feb 2025 16:49

Tgt Ion: 63 Resp: 384030
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 4.1 2.1 6.5

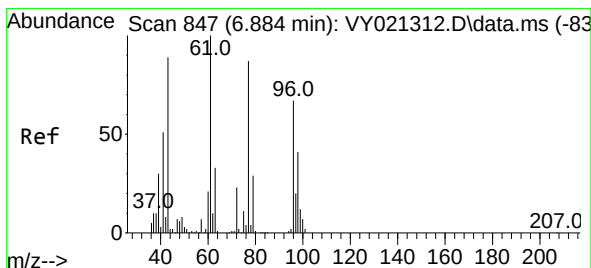
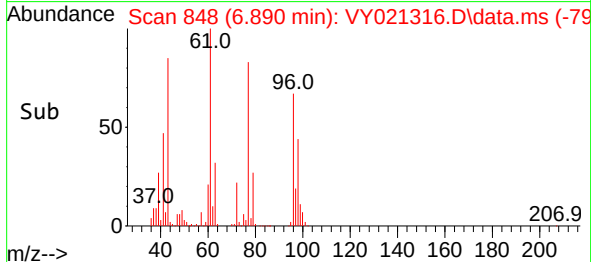
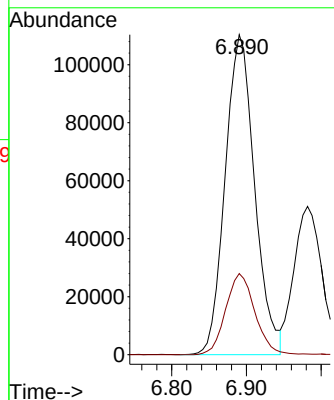
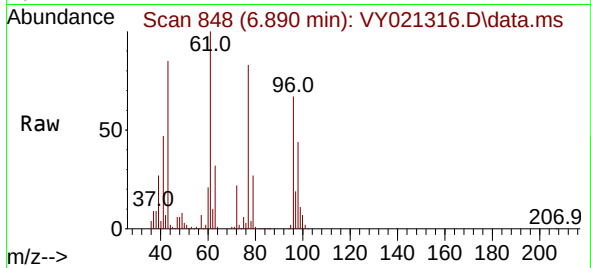




#25
2-Butanone
Concen: 483.977 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

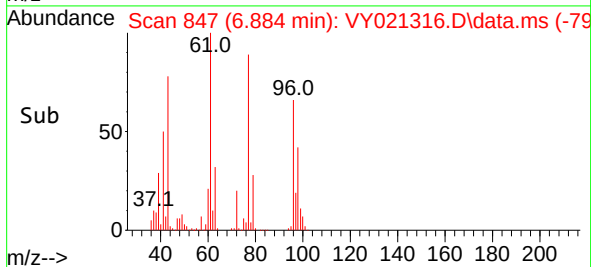
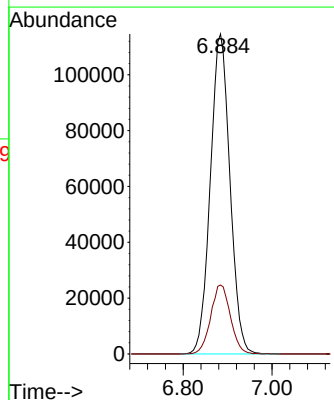
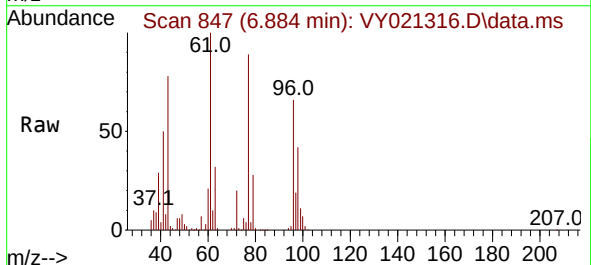
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

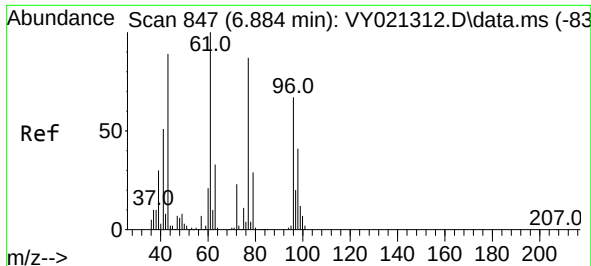
Tgt Ion: 43 Resp: 303077
Ion Ratio Lower Upper
43 100
72 25.3 19.0 28.6



#26
2,2-Dichloropropane
Concen: 97.467 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 77 Resp: 350870
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 99.061 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

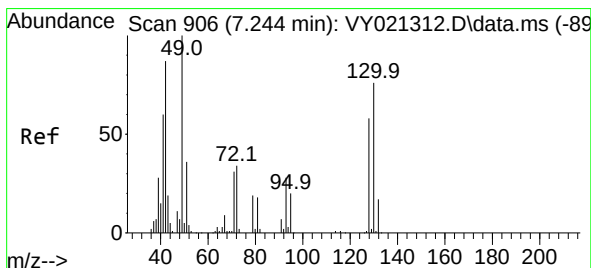
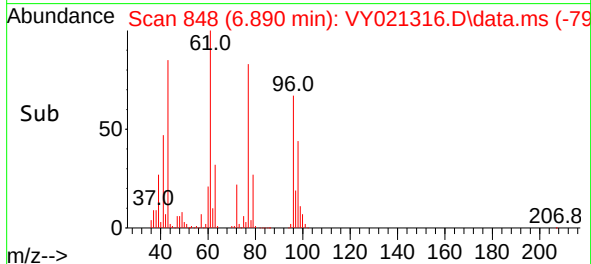
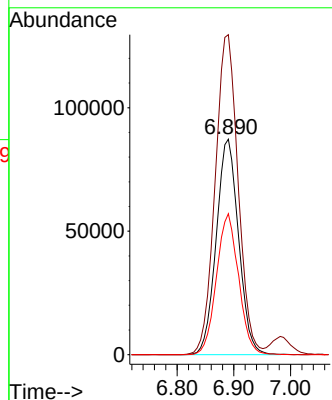
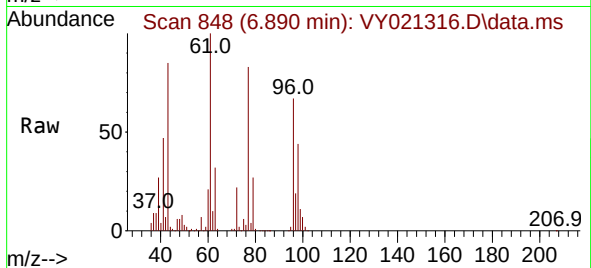
Tgt Ion: 96 Resp: 238916

Ion Ratio Lower Upper

96 100

61 152.3 0.0 308.0

98 64.8 0.0 129.6



#28

Bromochloromethane

Concen: 95.287 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

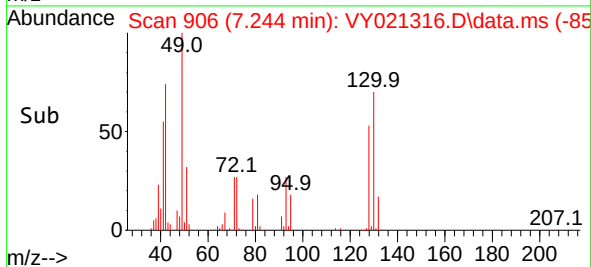
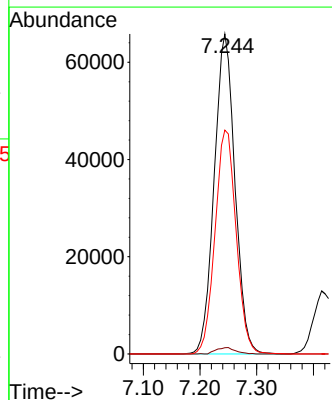
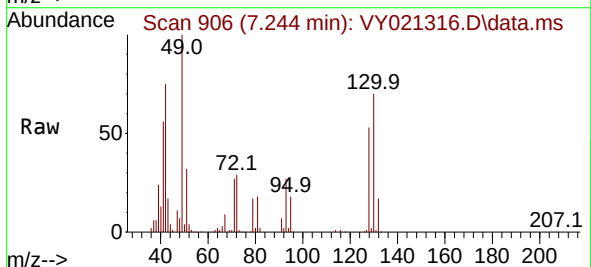
Tgt Ion: 49 Resp: 167271

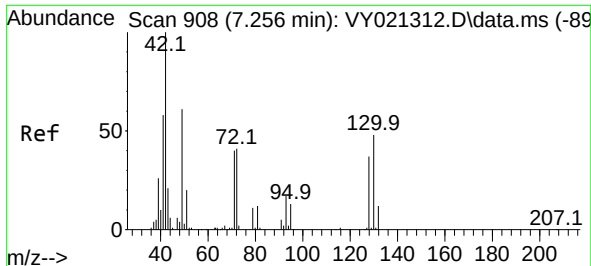
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 71.2 57.8 86.6





#29

Tetrahydrofuran

Concen: 486.299 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

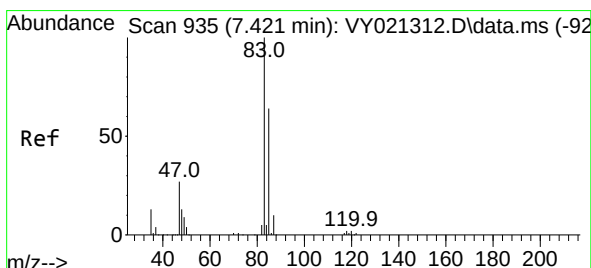
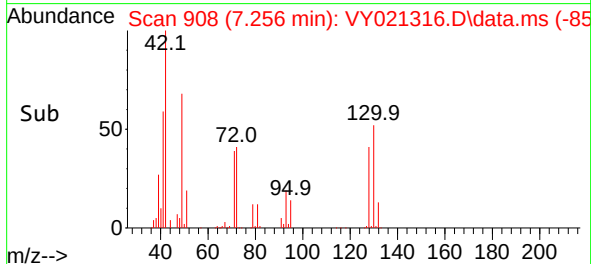
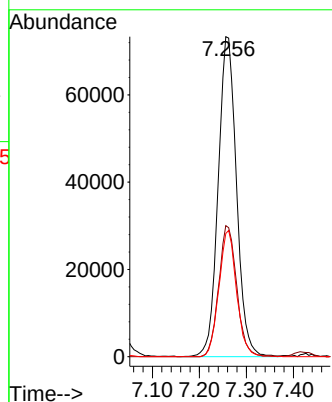
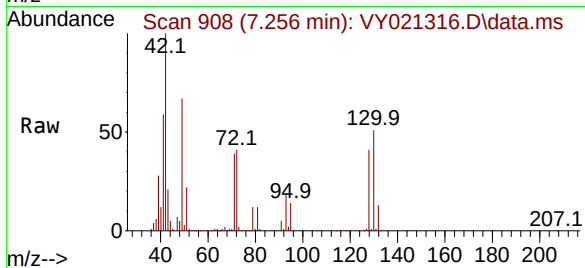
Tgt Ion: 42 Resp: 199056

Ion Ratio Lower Upper

42 100

72 40.3 33.1 49.7

71 37.9 31.4 47.0



#30

Chloroform

Concen: 96.458 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021316.D

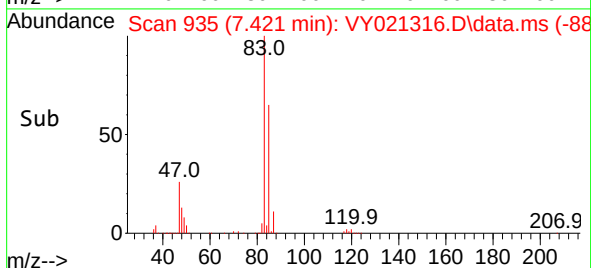
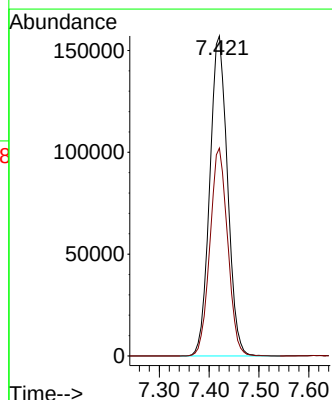
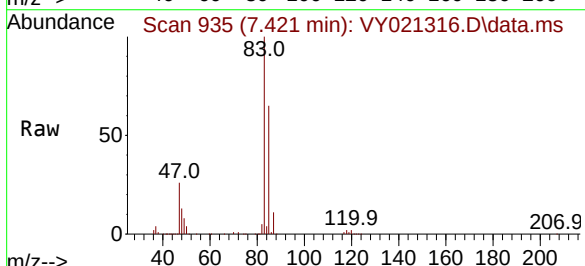
Acq: 25 Feb 2025 16:49

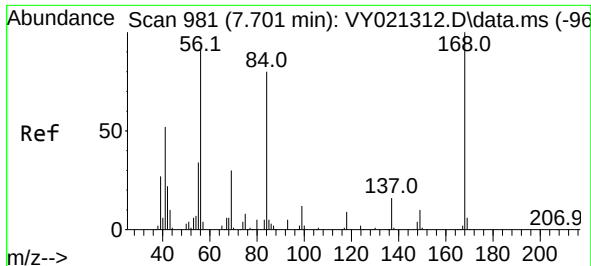
Tgt Ion: 83 Resp: 387767

Ion Ratio Lower Upper

83 100

85 64.9 51.6 77.4

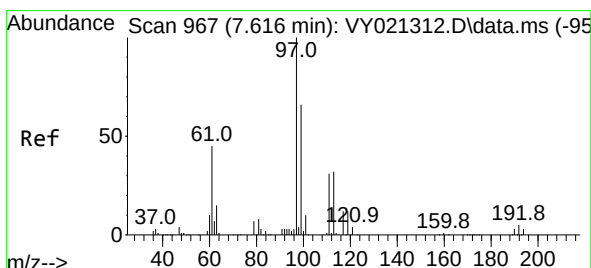
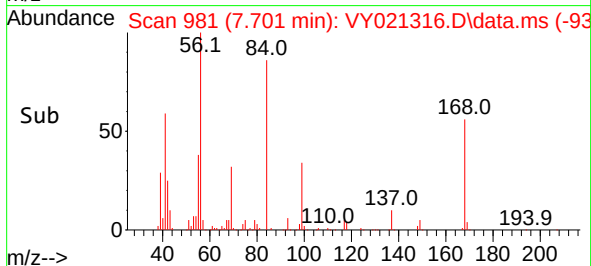
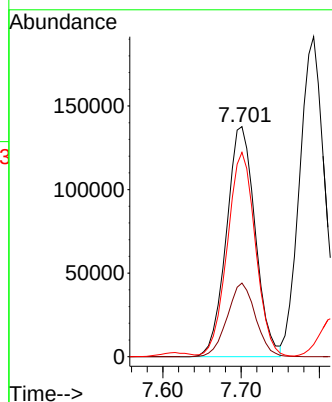
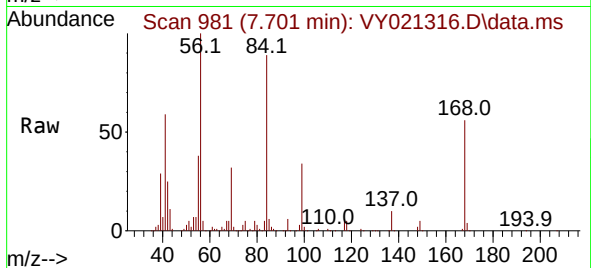




#31
Cyclohexane
Concen: 92.269 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

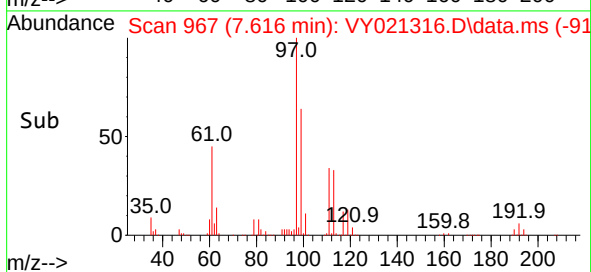
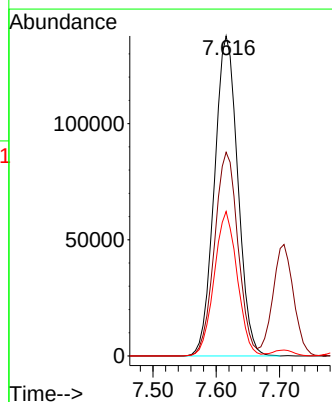
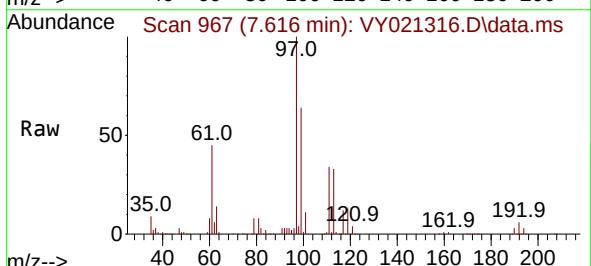
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

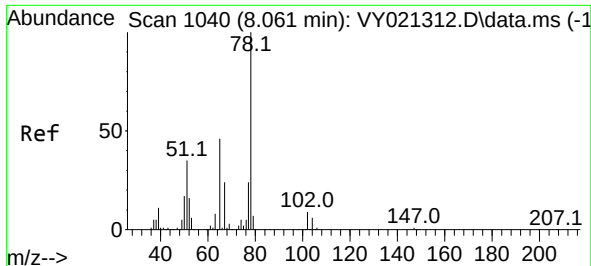
Tgt Ion: 56 Resp: 351876
Ion Ratio Lower Upper
56 100
69 32.0 26.2 39.4
84 87.4 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 96.663 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 97 Resp: 353701
Ion Ratio Lower Upper
97 100
99 64.0 52.4 78.6
61 44.5 36.2 54.2

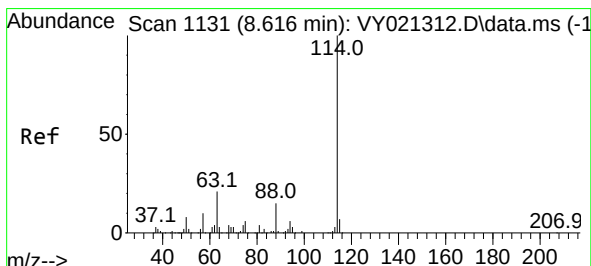
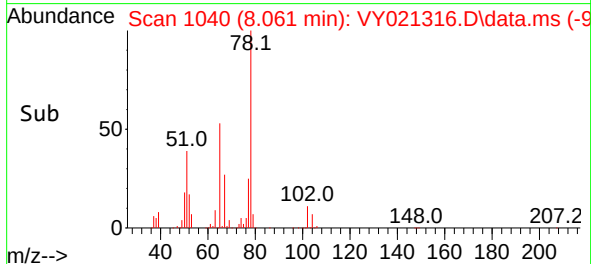
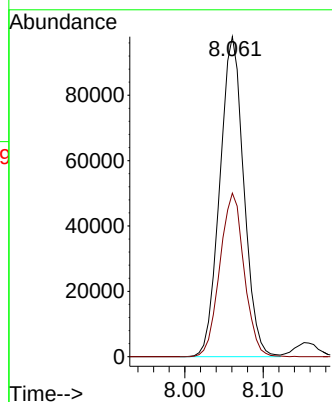
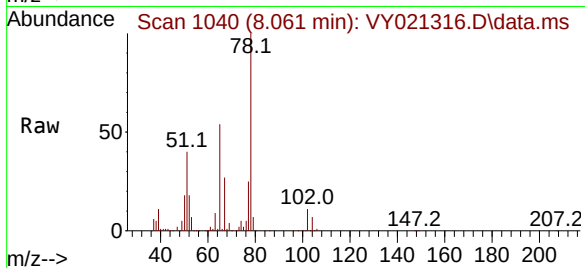




#33
 1,2-Dichloroethane-d4
 Concen: 96.407 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021316.D
 Acq: 25 Feb 2025 16:49

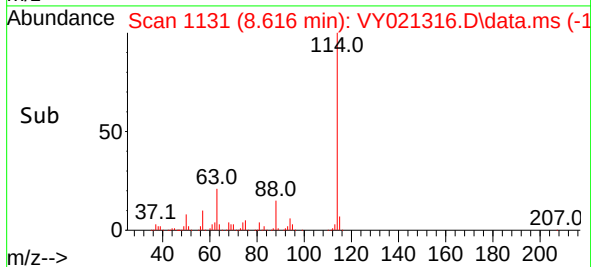
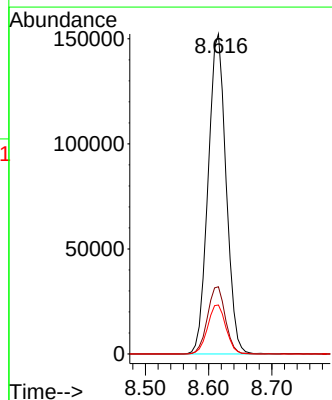
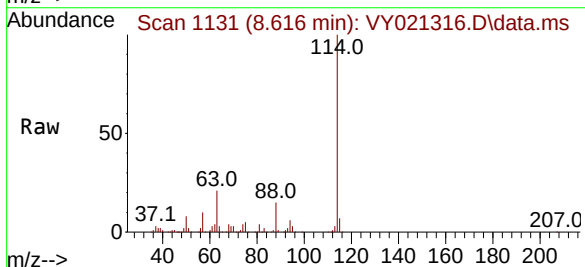
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

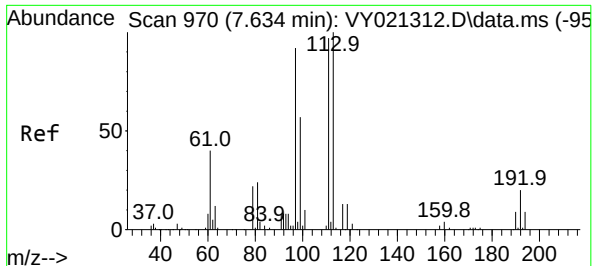
Tgt Ion: 65 Resp: 208535
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021316.D
 Acq: 25 Feb 2025 16:49

Tgt Ion: 114 Resp: 300486
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.2
 88 15.3 0.0 29.8

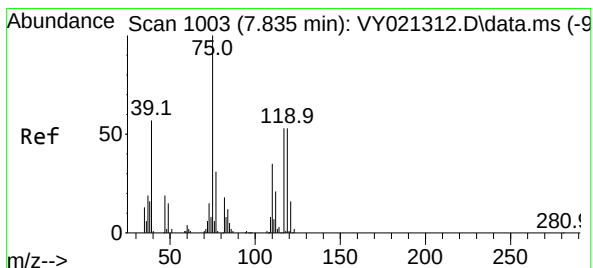
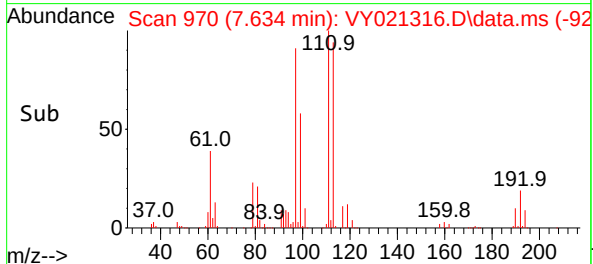
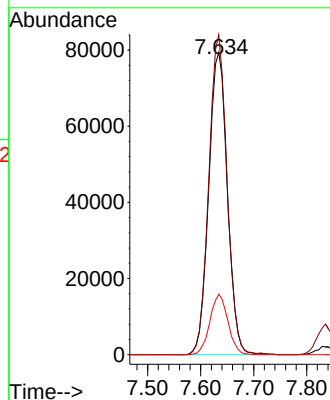
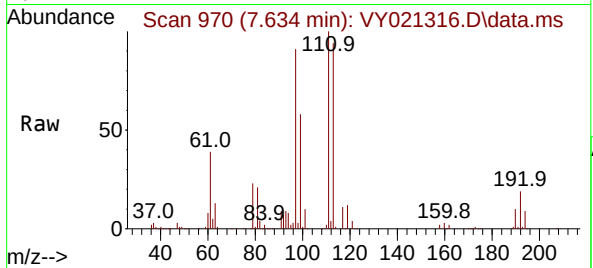




#35
Dibromofluoromethane
Concen: 98.377 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

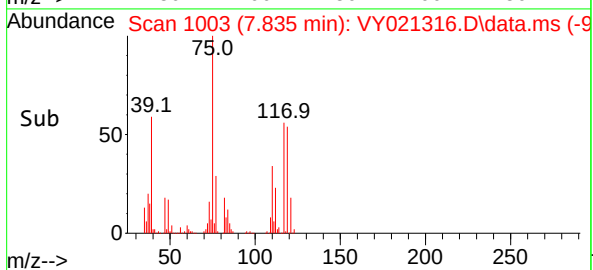
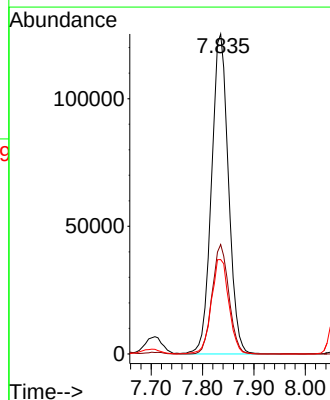
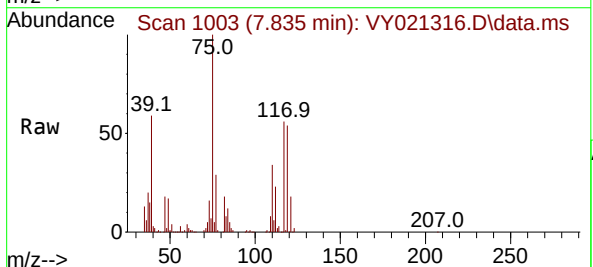
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

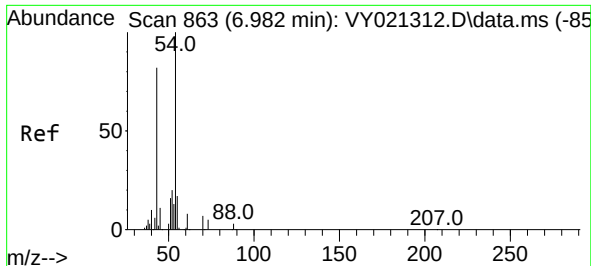
Tgt Ion:113 Resp: 193803
Ion Ratio Lower Upper
113 100
111 103.4 81.0 121.6
192 19.4 15.8 23.8



#36
1,1-Dichloropropene
Concen: 97.146 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 75 Resp: 287472
Ion Ratio Lower Upper
75 100
110 33.7 16.9 50.7
77 30.5 24.6 36.8

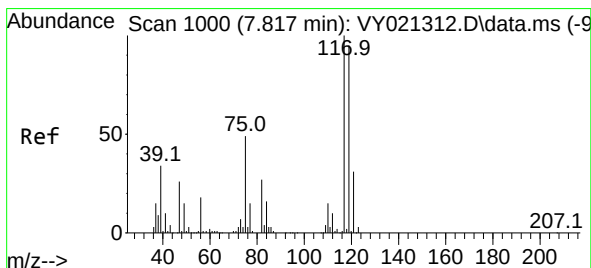
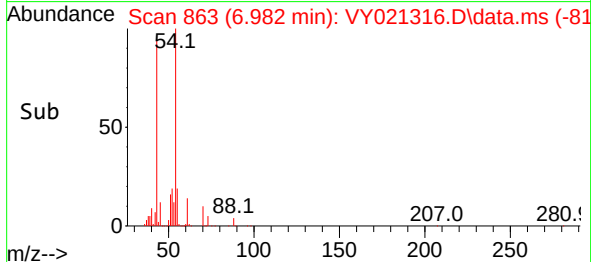
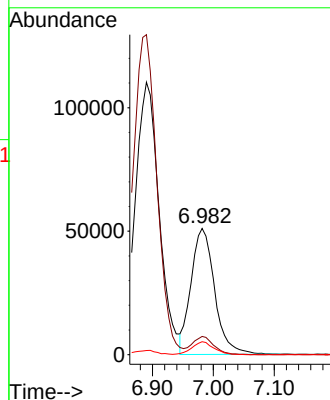
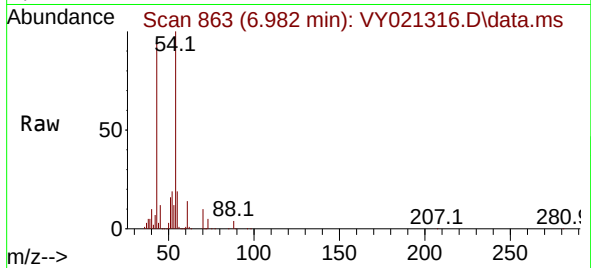




#37
Ethyl Acetate
Concen: 93.230 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

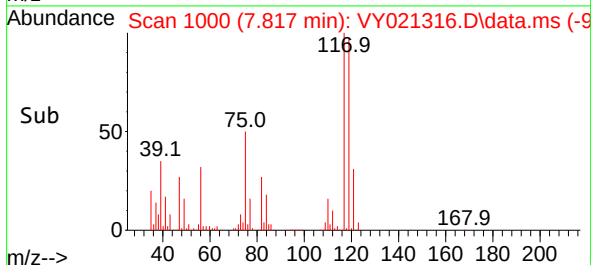
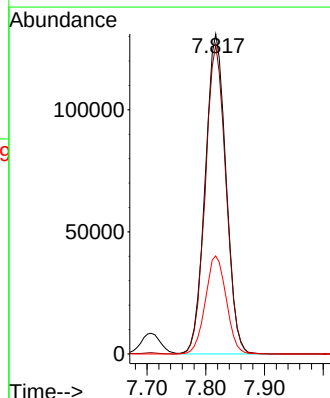
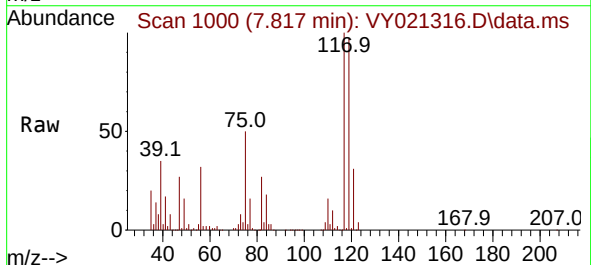
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

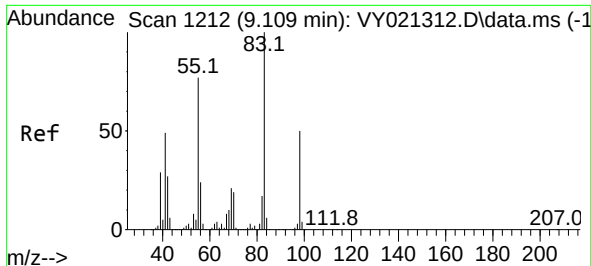
Tgt Ion: 43 Resp: 137233
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 9.5 7.5 11.3



#38
Carbon Tetrachloride
Concen: 96.663 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 117 Resp: 321576
Ion Ratio Lower Upper
117 100
119 96.6 76.0 114.0
121 30.7 24.9 37.3





#39

Methylcyclohexane

Concen: 99.169 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

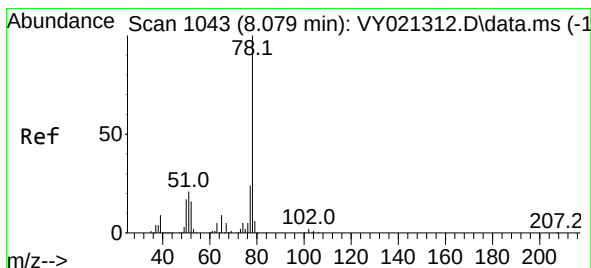
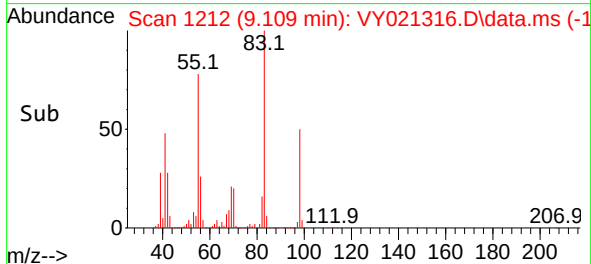
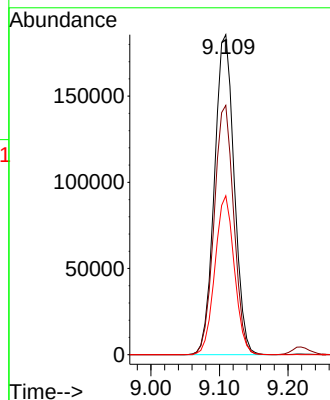
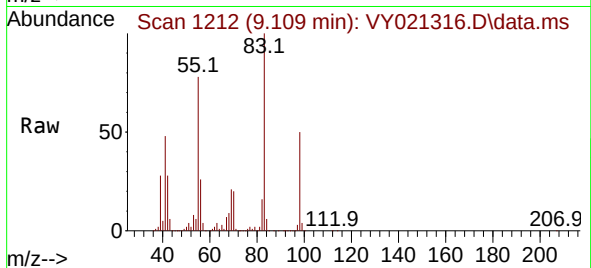
Tgt Ion: 83 Resp: 371172

Ion Ratio Lower Upper

83 100

55 77.9 61.3 91.9

98 49.6 39.9 59.9



#40

Benzene

Concen: 96.835 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY021316.D

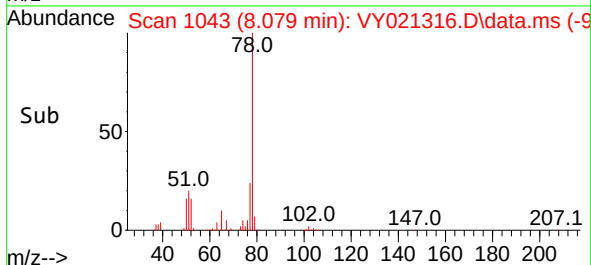
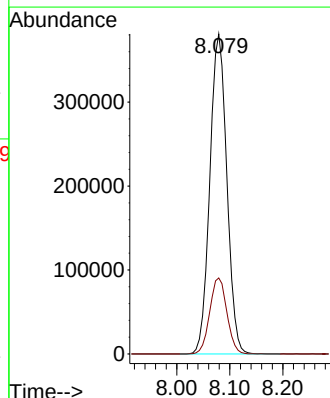
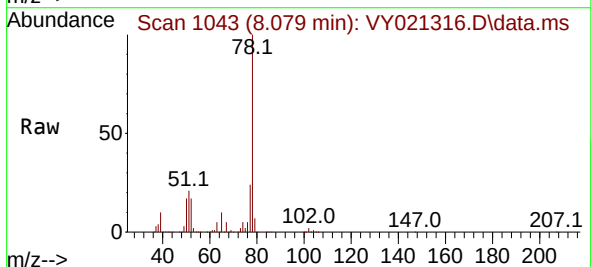
Acq: 25 Feb 2025 16:49

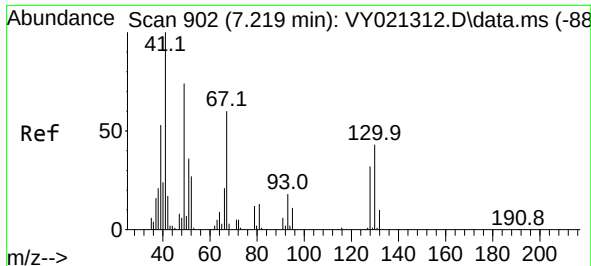
Tgt Ion: 78 Resp: 847066

Ion Ratio Lower Upper

78 100

77 23.7 19.2 28.8

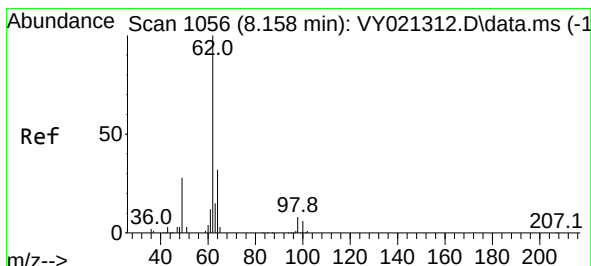
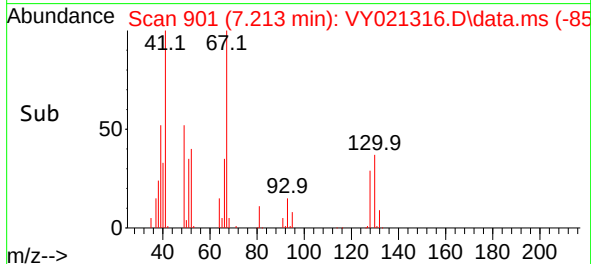
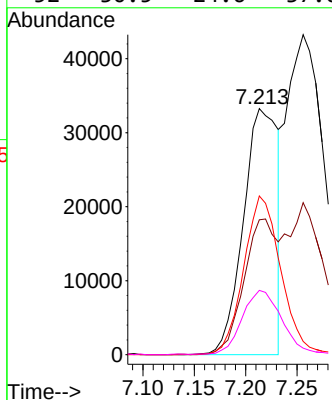
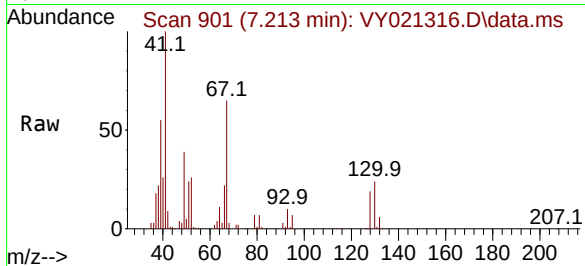




#41
Methacrylonitrile
Concen: 94.219 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

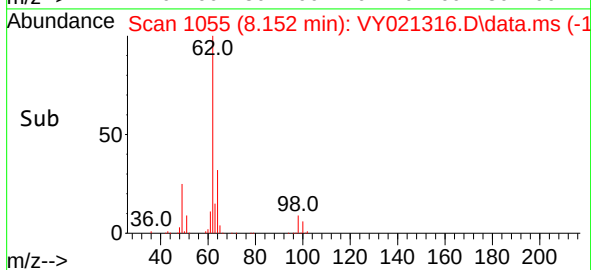
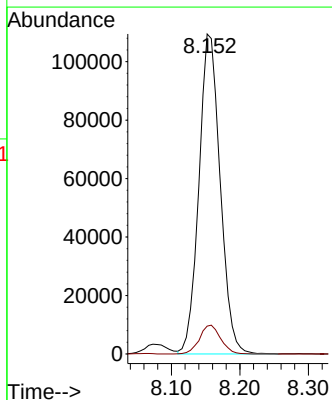
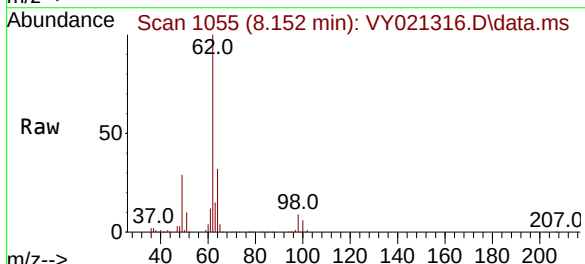
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

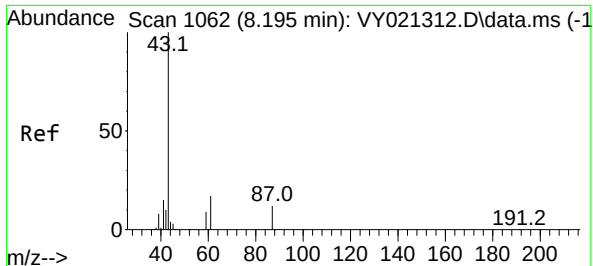
Tgt Ion: 41 Resp: 77542
Ion Ratio Lower Upper
41 100
39 53.2 42.3 63.5
67 69.9 54.8 82.2
52 30.5 24.6 37.0



#42
1,2-Dichloroethane
Concen: 95.375 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 62 Resp: 236704
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.6

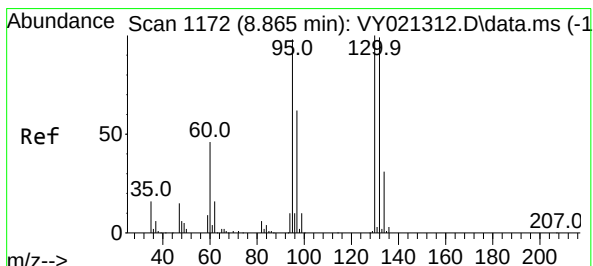
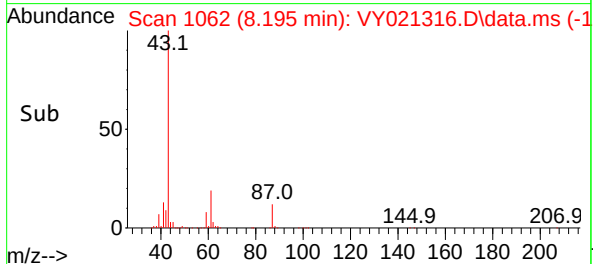
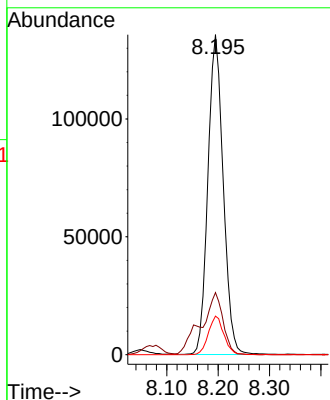
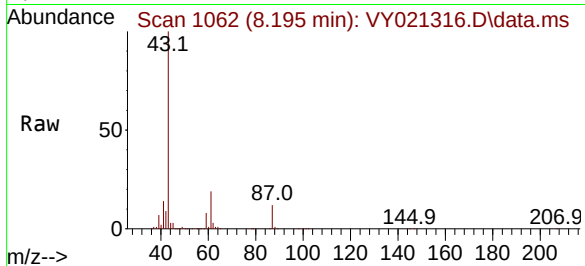




#43
Isopropyl Acetate
Concen: 98.388 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

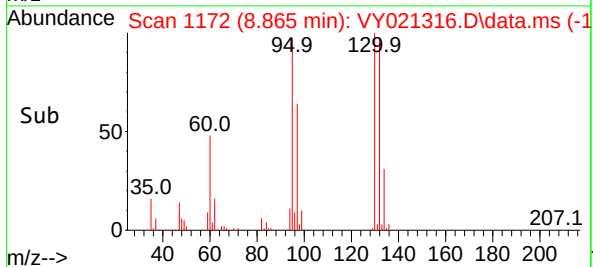
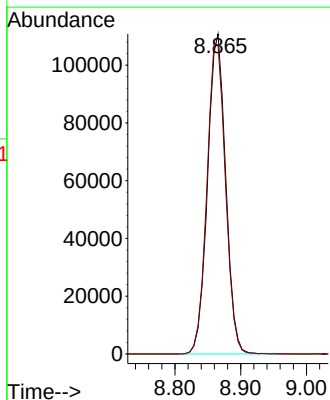
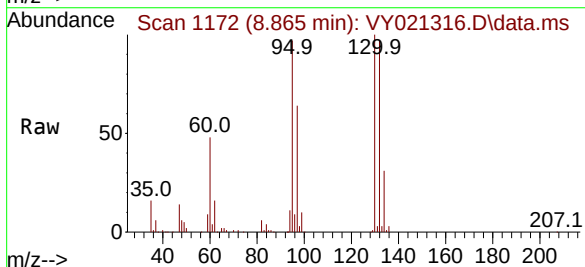
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

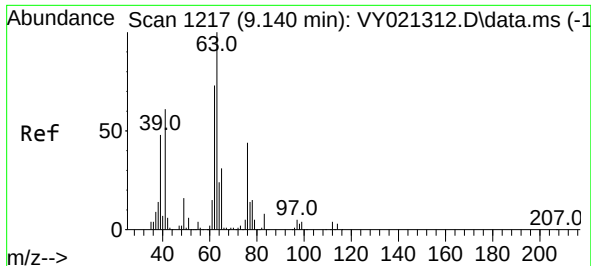
Tgt Ion: 43 Resp: 280321
Ion Ratio Lower Upper
43 100
61 18.9 15.0 22.6
87 12.2 10.0 15.0



#44
Trichloroethene
Concen: 97.057 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 130 Resp: 212562
Ion Ratio Lower Upper
130 100
95 96.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 95.814 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

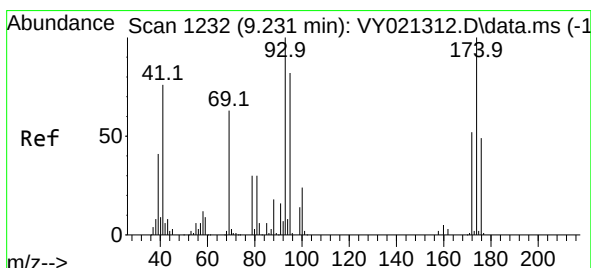
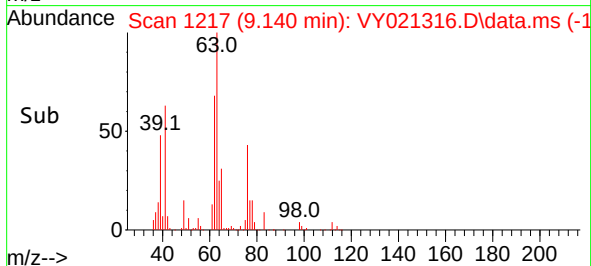
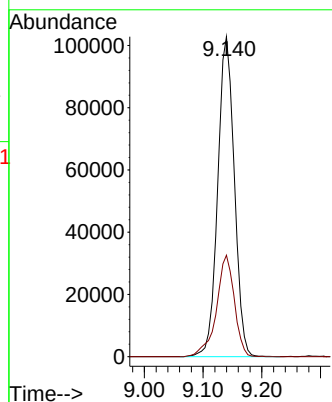
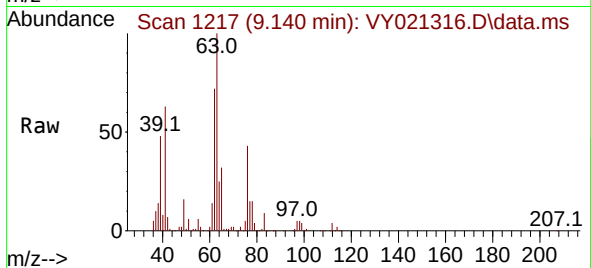
VSTDIC100

Tgt Ion: 63 Resp: 201701

Ion Ratio Lower Upper

63 100

65 31.7 24.6 36.8



#46

Dibromomethane

Concen: 96.301 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

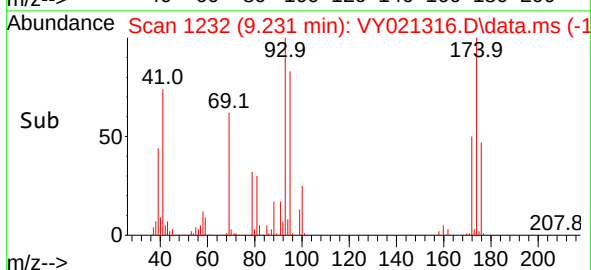
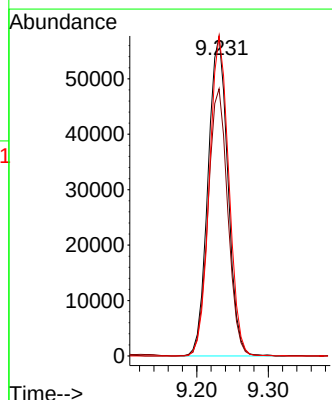
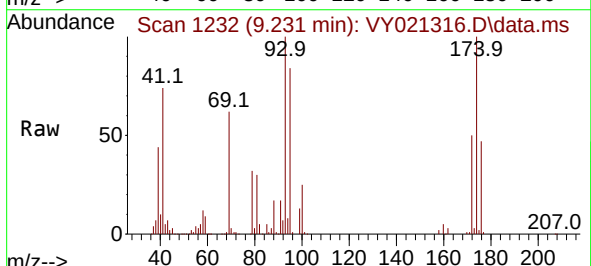
Tgt Ion: 93 Resp: 110814

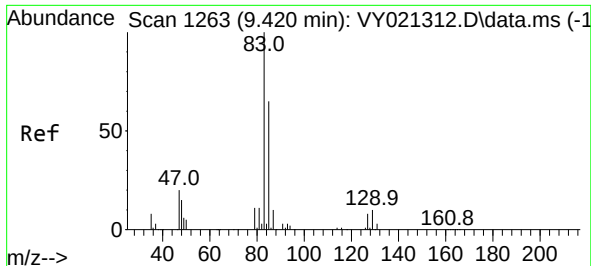
Ion Ratio Lower Upper

93 100

95 83.4 66.4 99.6

174 98.3 78.2 117.2

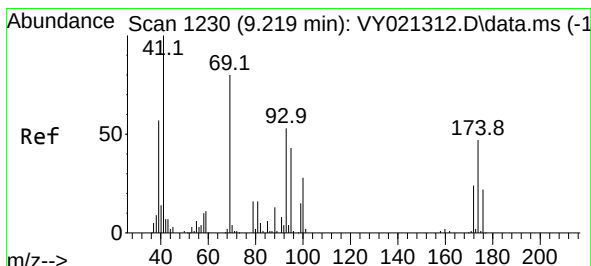
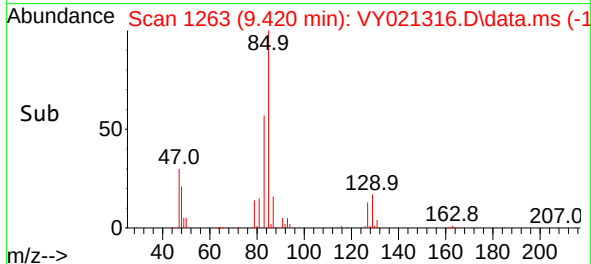
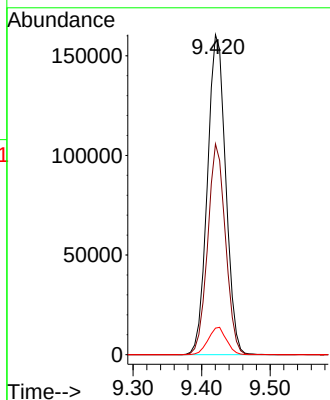
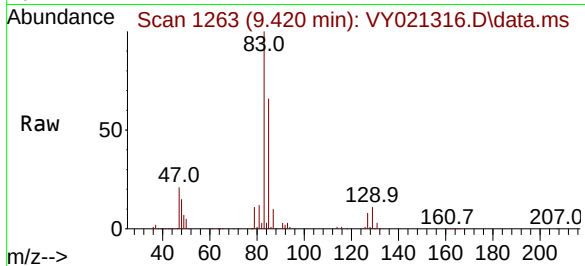




#47
Bromodichloromethane
Concen: 96.904 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

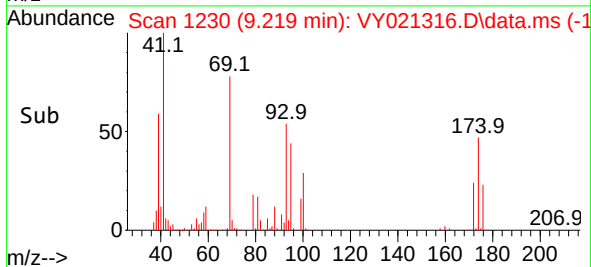
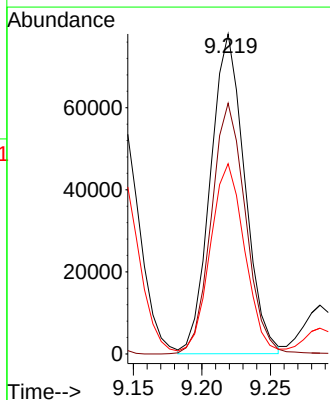
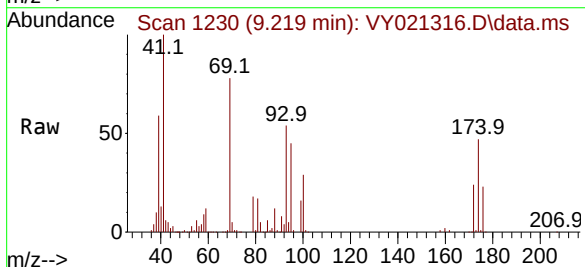
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

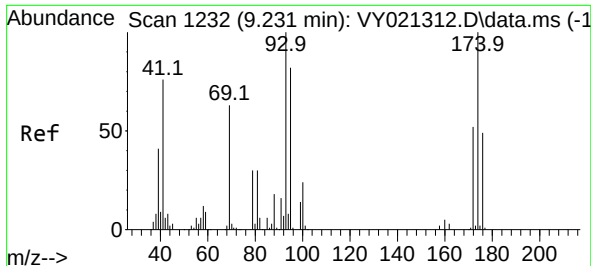
Tgt Ion: 83 Resp: 297320
Ion Ratio Lower Upper
83 100
85 65.8 51.8 77.8
127 8.3 6.7 10.1



#48
Methyl methacrylate
Concen: 101.635 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 41 Resp: 135412
Ion Ratio Lower Upper
41 100
69 78.9 63.3 94.9
39 58.0 45.0 67.6





#49

1,4-Dioxane

Concen: 1903.504 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

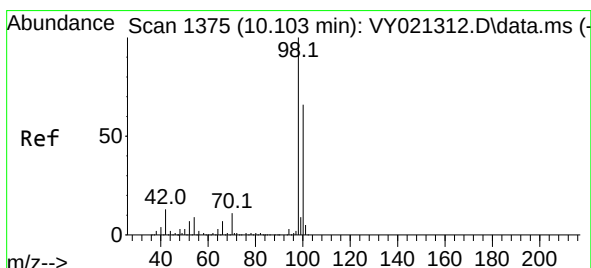
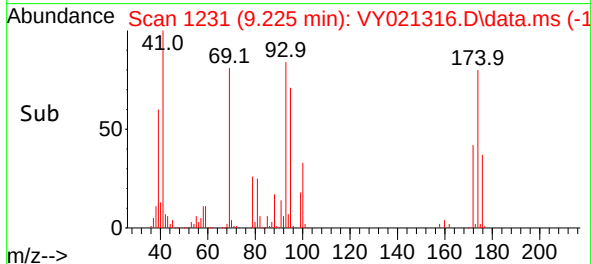
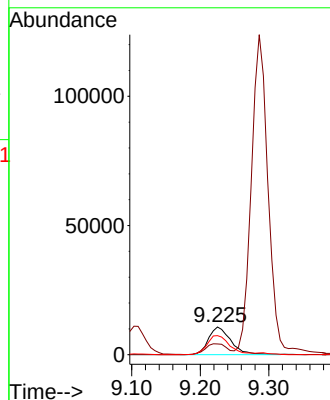
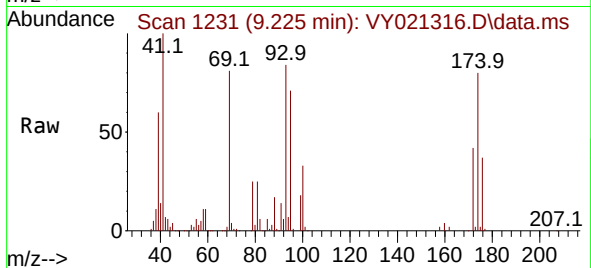
Tgt Ion: 88 Resp: 24355

Ion Ratio Lower Upper

88 100

43 38.0 34.8 52.2

58 70.4 59.8 89.6



#50

Toluene-d8

Concen: 98.889 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021316.D

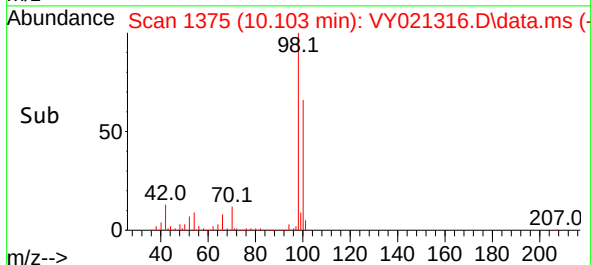
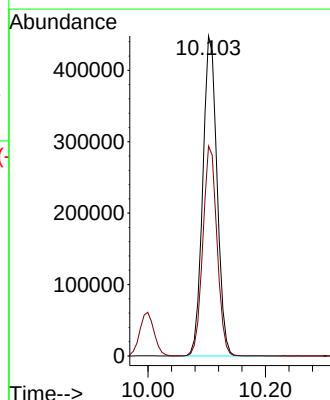
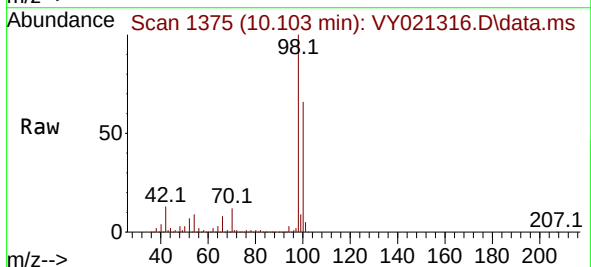
Acq: 25 Feb 2025 16:49

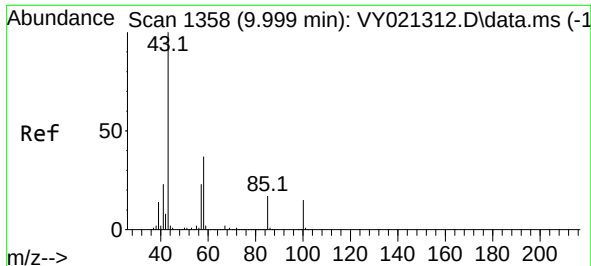
Tgt Ion: 98 Resp: 752895

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6

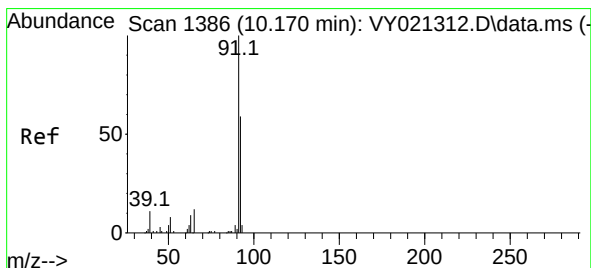
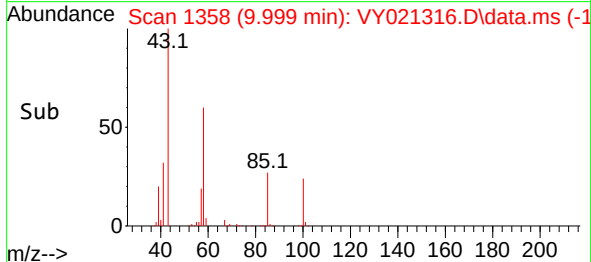
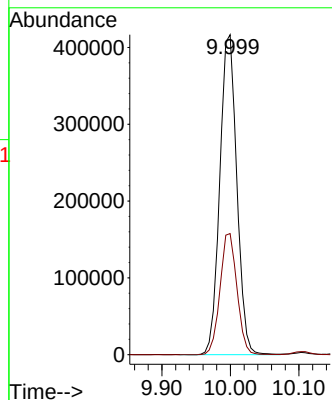
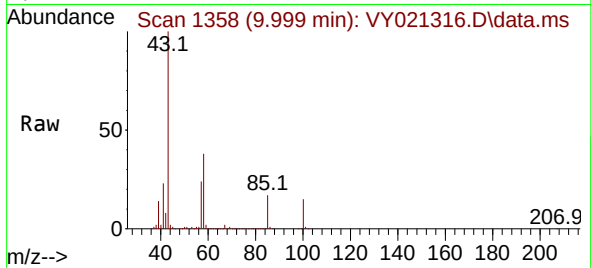




#51
4-Methyl-2-Pentanone
Concen: 490.938 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

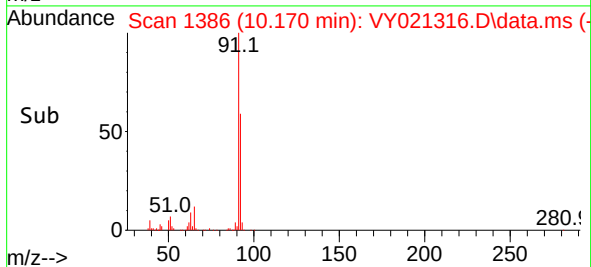
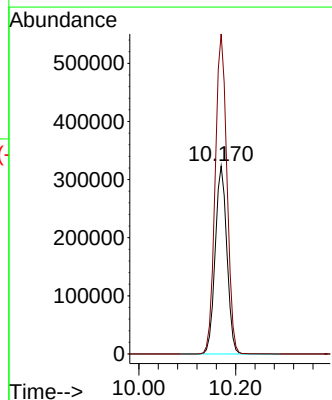
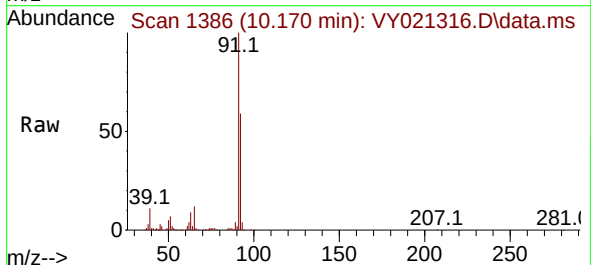
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

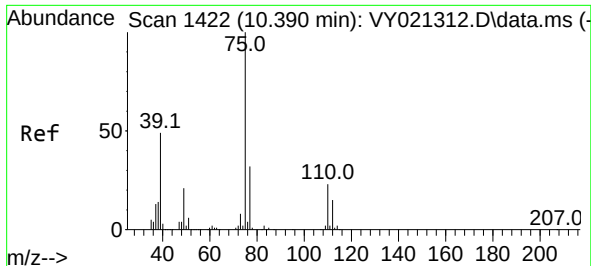
Tgt Ion: 43 Resp: 716009
Ion Ratio Lower Upper
43 100
58 37.7 30.1 45.1



#52
Toluene
Concen: 99.189 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 92 Resp: 539016
Ion Ratio Lower Upper
92 100
91 171.7 137.8 206.8

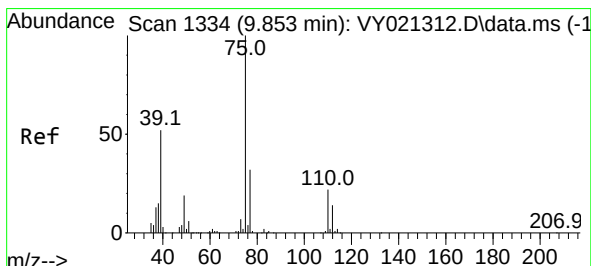
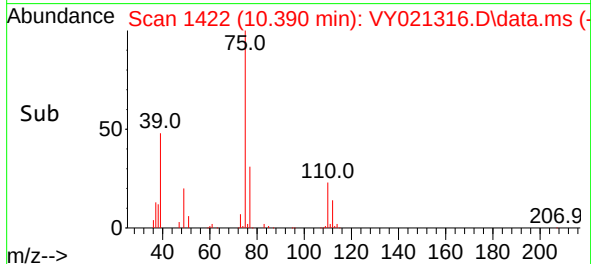
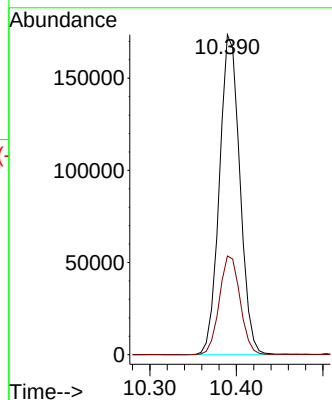
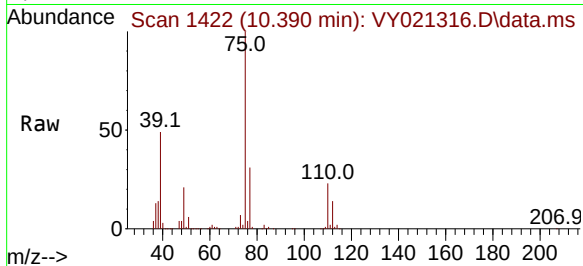




#53
t-1,3-Dichloropropene
Concen: 101.290 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

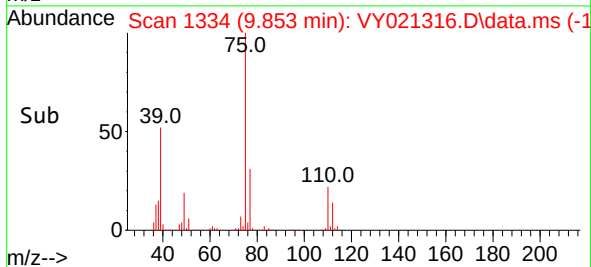
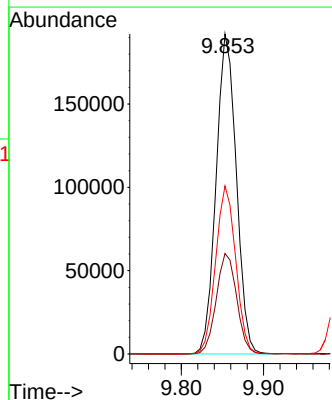
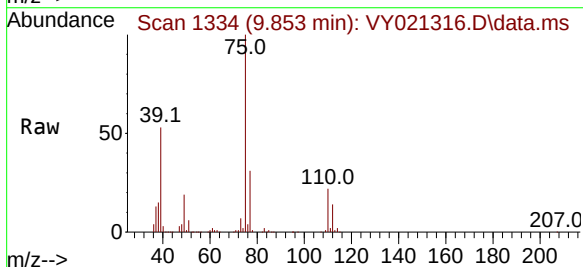
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

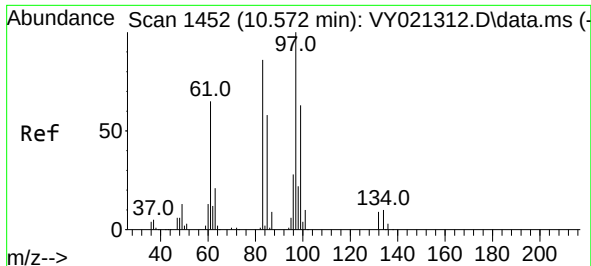
Tgt Ion: 75 Resp: 284731
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 98.870 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 75 Resp: 328107
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5
39 52.5 41.8 62.6



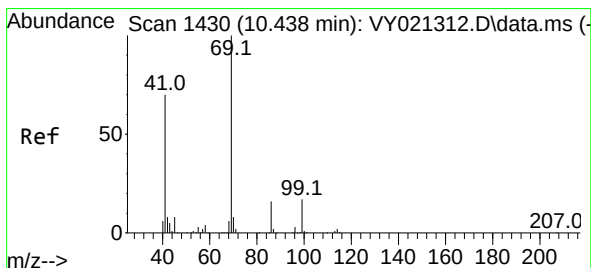
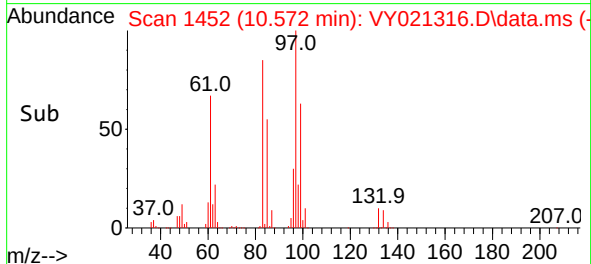
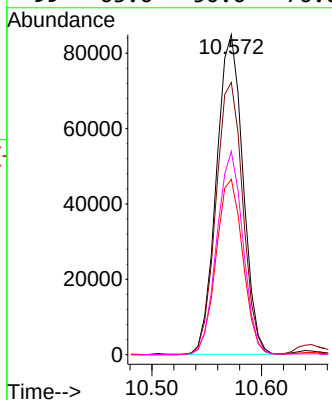
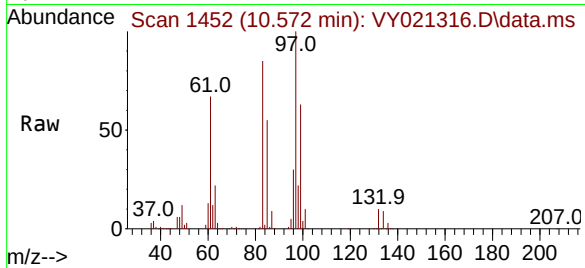


#55
1,1,2-Trichloroethane
Concen: 94.975 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 142372

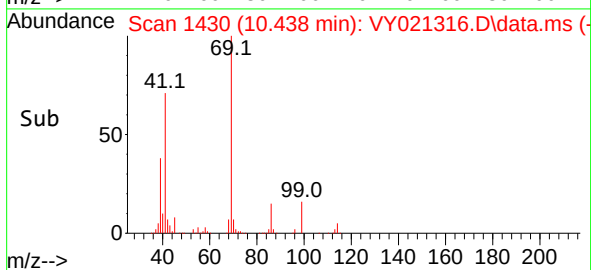
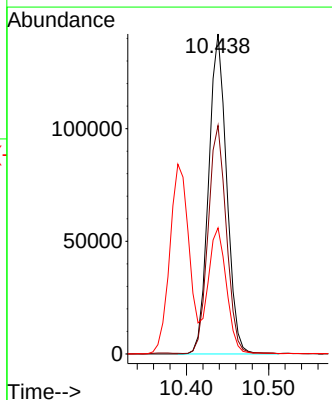
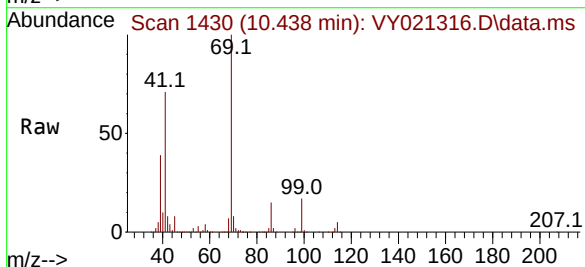
Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.7	103.1
85	54.9	46.3	69.5
99	63.6	50.6	76.0

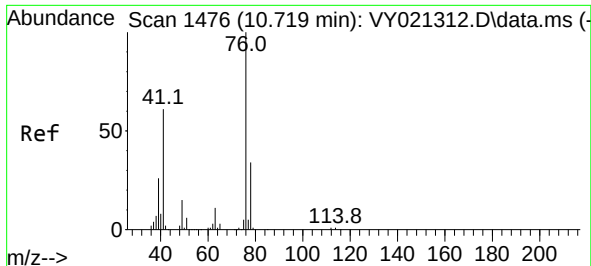


#56
Ethyl methacrylate
Concen: 104.564 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 69 Resp: 216586

Ion	Ratio	Lower	Upper
69	100		
41	71.7	56.2	84.4
39	40.2	32.7	49.1





#57

1,3-Dichloropropane

Concen: 97.283 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

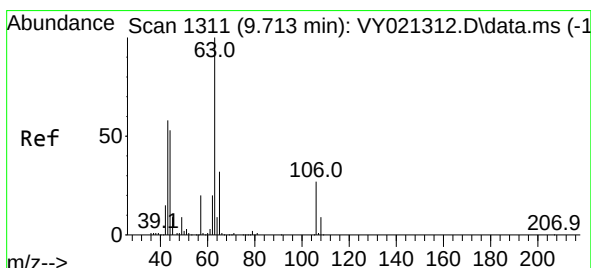
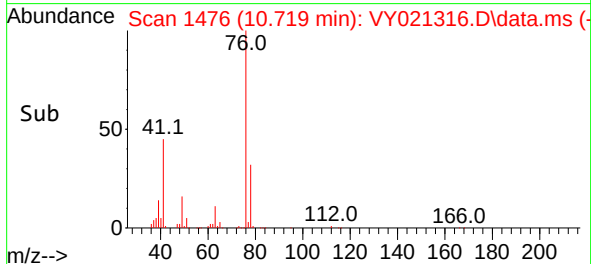
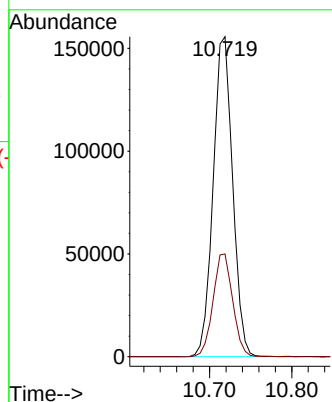
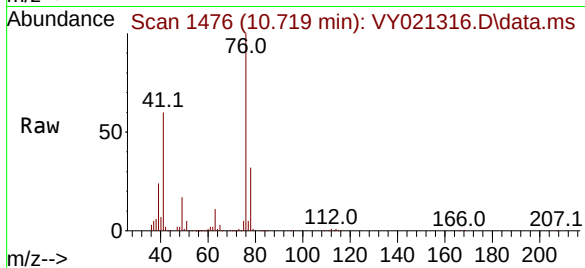
VSTDIC100

Tgt Ion: 76 Resp: 255903

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 533.791 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021316.D

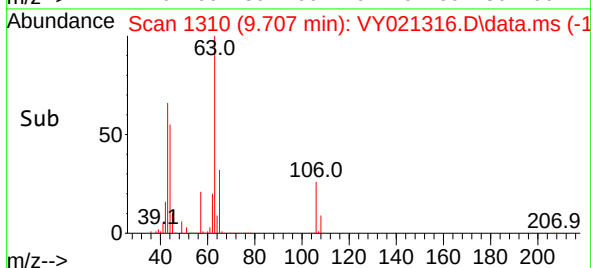
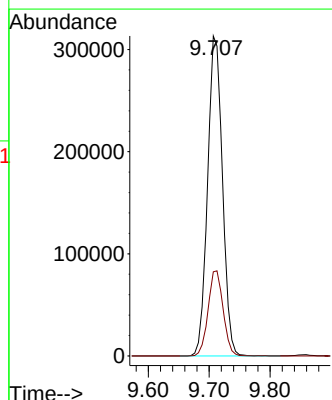
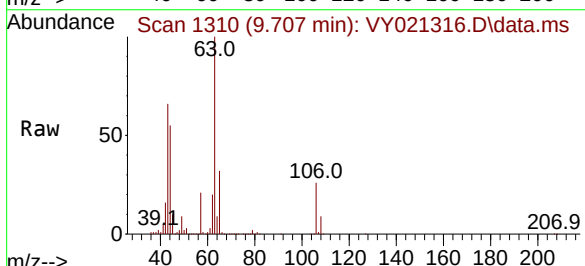
Acq: 25 Feb 2025 16:49

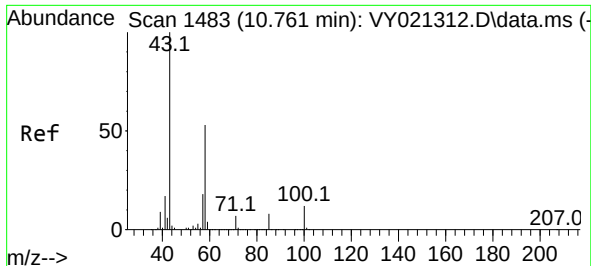
Tgt Ion: 63 Resp: 530695

Ion Ratio Lower Upper

63 100

106 26.9 21.7 32.5

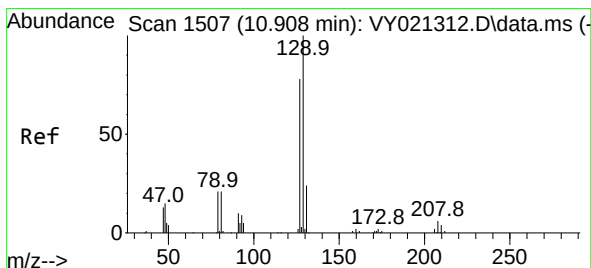
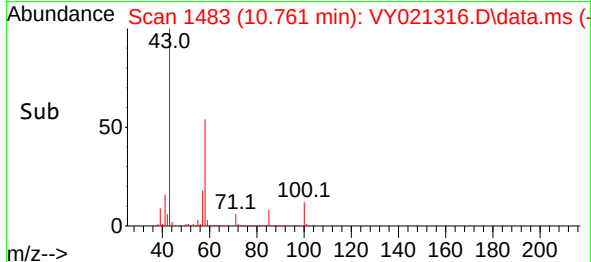
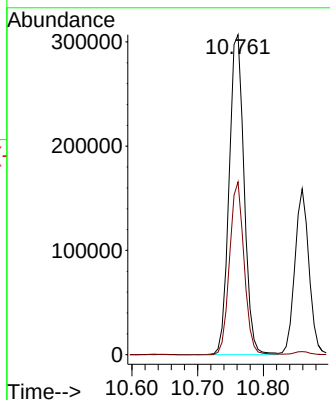
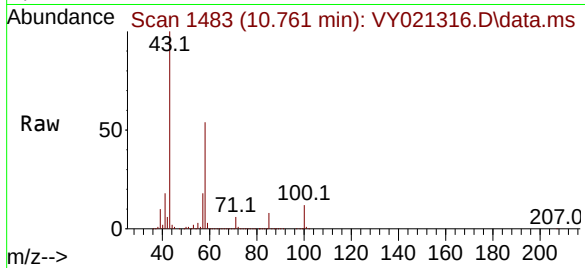




#59
2-Hexanone
Concen: 507.115 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

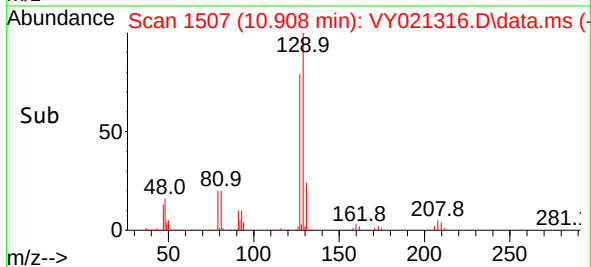
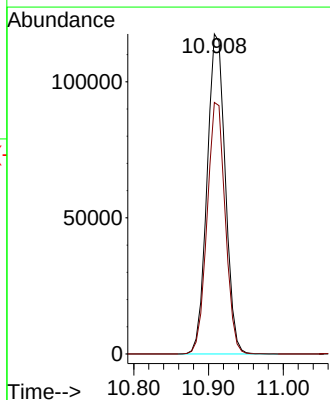
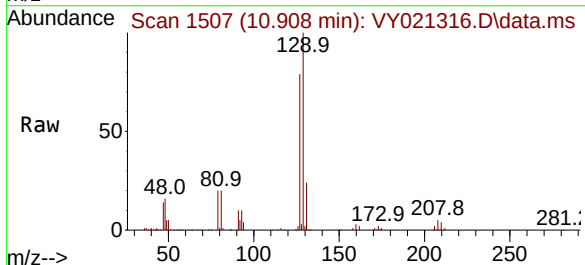
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

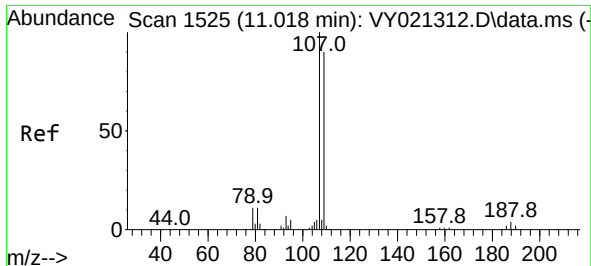
Tgt Ion: 43 Resp: 485734
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.6



#60
Dibromochloromethane
Concen: 97.582 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 129 Resp: 199225
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4

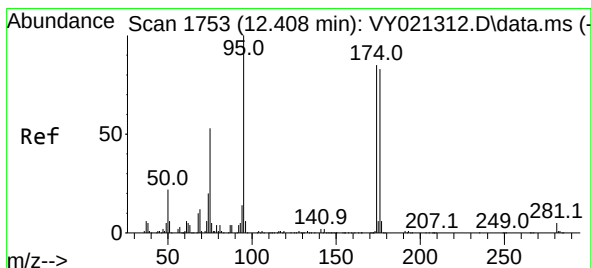
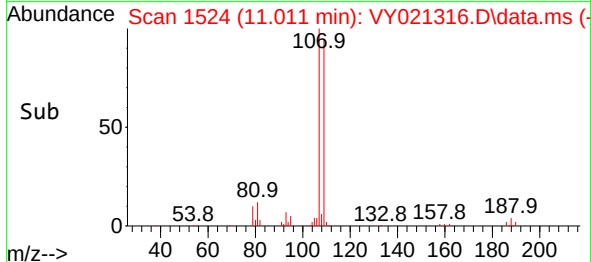
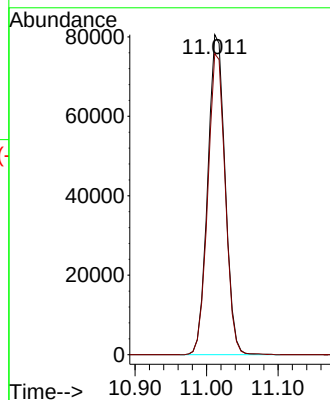
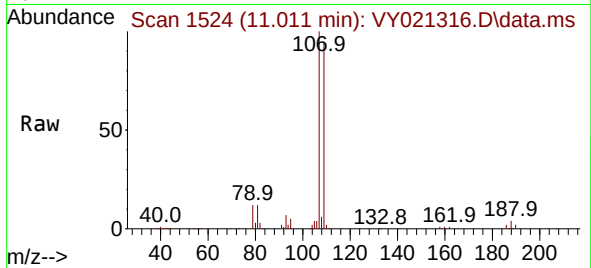




#61
1,2-Dibromoethane
Concen: 96.029 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

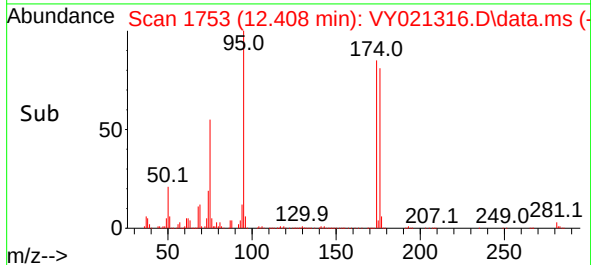
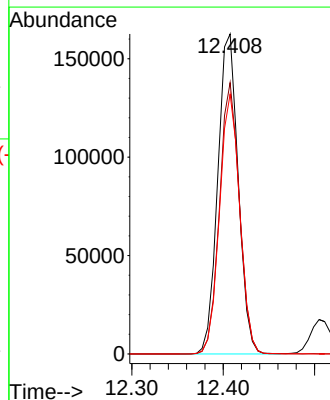
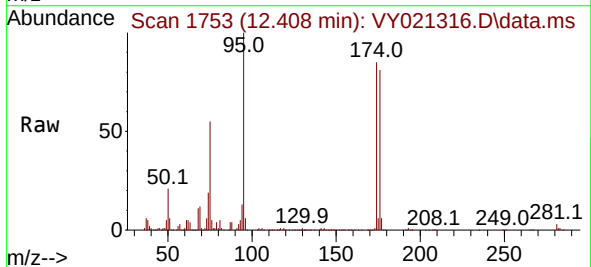
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

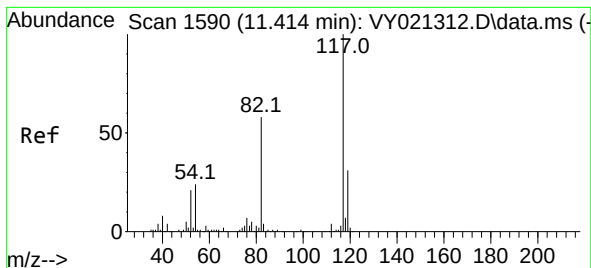
Tgt Ion:107 Resp: 136284
Ion Ratio Lower Upper
107 100
109 94.2 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 98.477 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 95 Resp: 252327
Ion Ratio Lower Upper
95 100
174 82.9 0.0 168.0
176 80.5 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

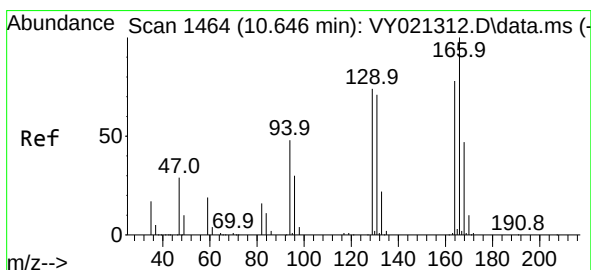
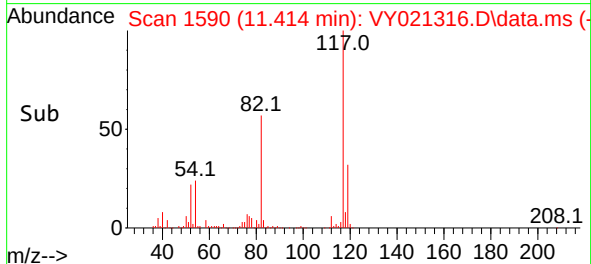
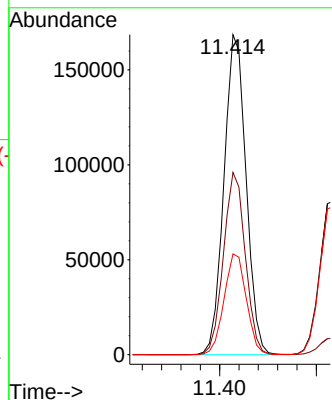
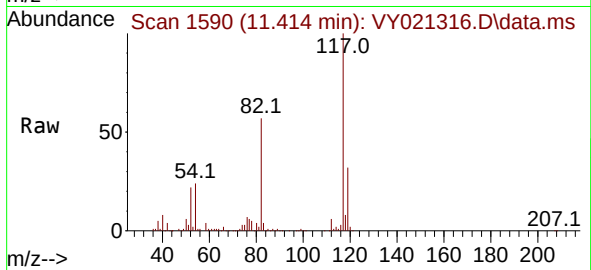
Tgt Ion:117 Resp: 267150

Ion Ratio Lower Upper

117 100

82 56.9 46.2 69.4

119 31.5 24.9 37.3



#64

Tetrachloroethene

Concen: 93.936 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Tgt Ion:164 Resp: 189679

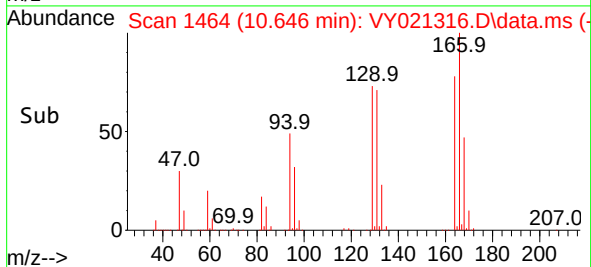
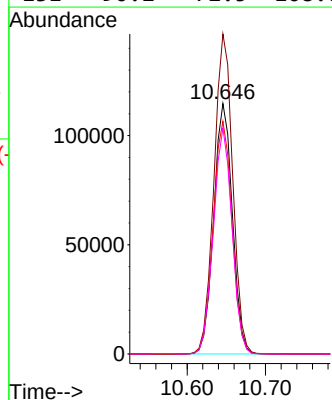
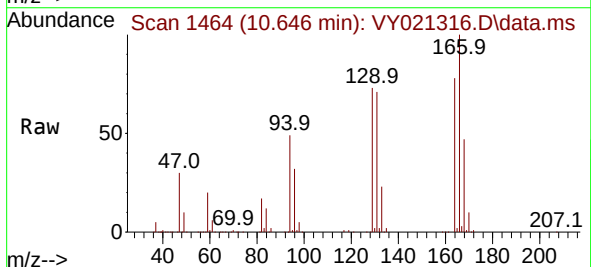
Ion Ratio Lower Upper

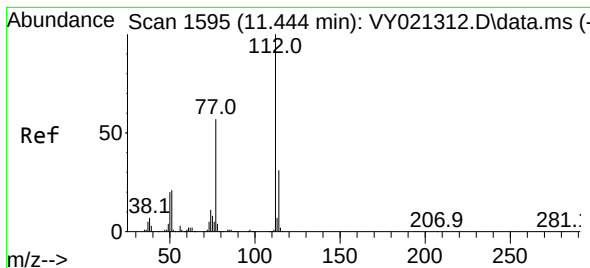
164 100

166 127.8 101.9 152.9

129 92.9 75.5 113.3

131 90.2 72.5 108.7





#65

Chlorobenzene

Concen: 96.070 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.006 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

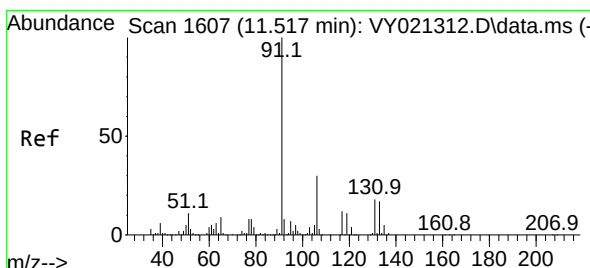
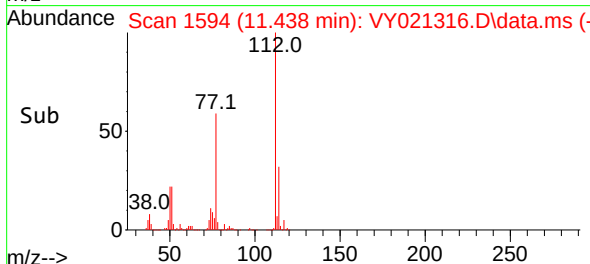
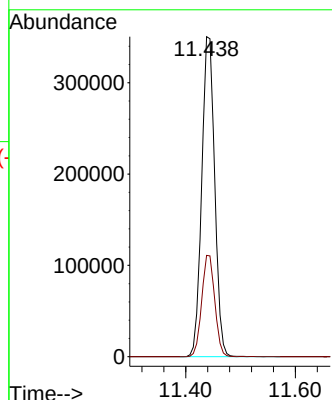
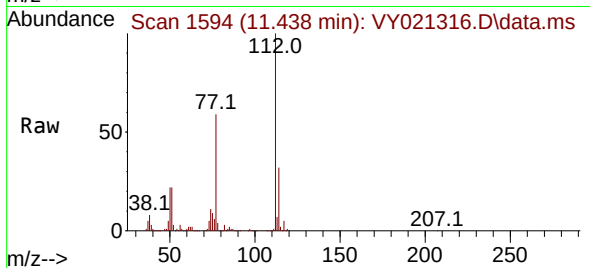
VSTDIC100

Tgt Ion:112 Resp: 576109

Ion Ratio Lower Upper

112 100

114 31.6 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 97.007 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

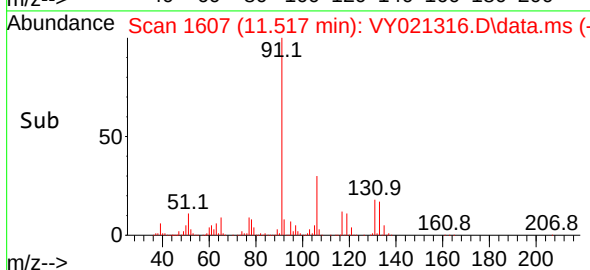
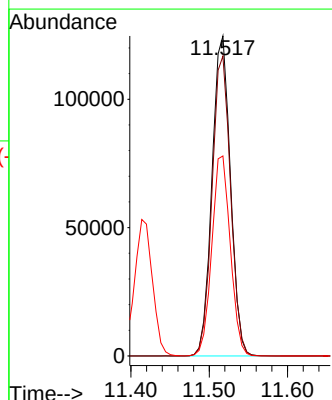
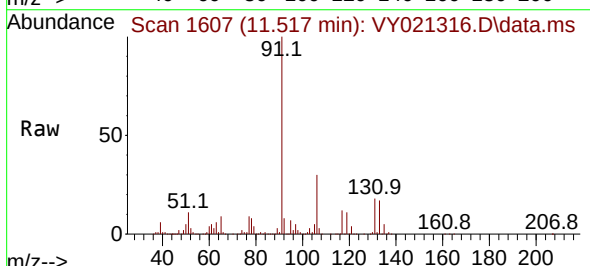
Tgt Ion:131 Resp: 203696

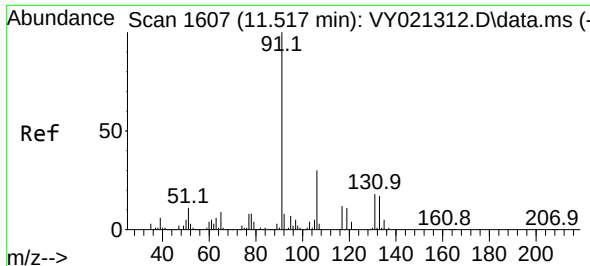
Ion Ratio Lower Upper

131 100

133 94.2 47.9 143.6

119 62.8 31.7 95.1

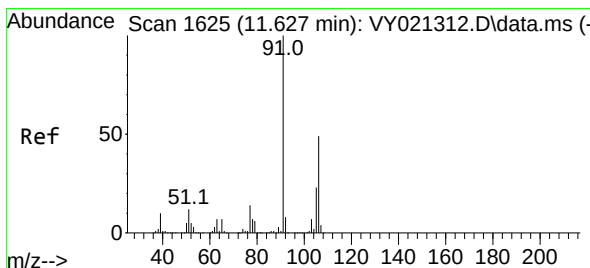
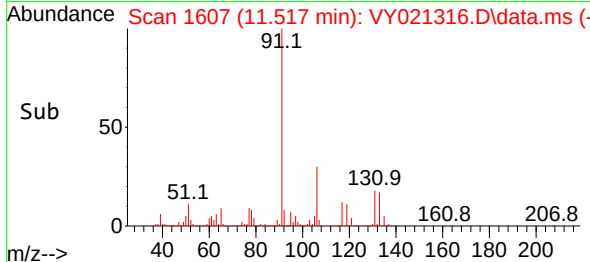
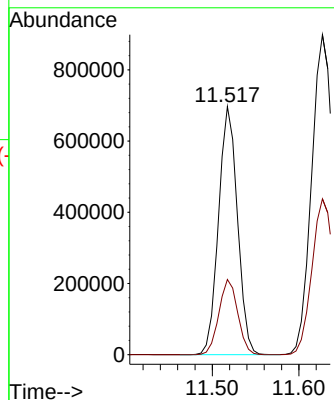
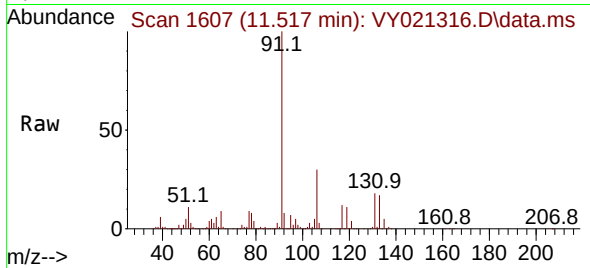




#67
Ethyl Benzene
Concen: 99.522 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

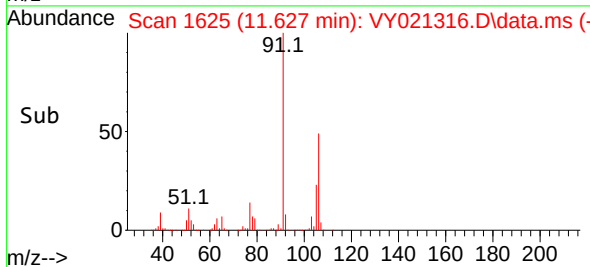
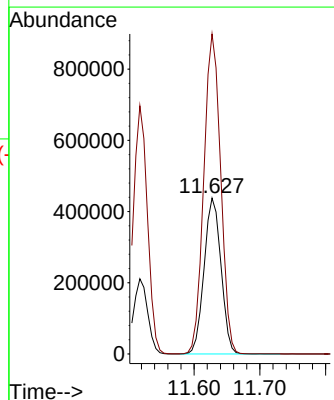
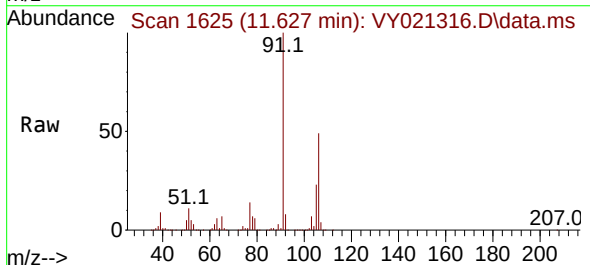
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

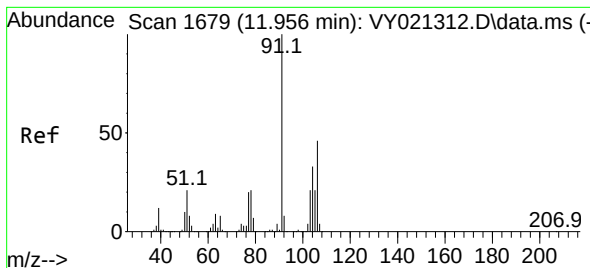
Tgt Ion: 91 Resp: 1057129
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 195.986 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion:106 Resp: 783034
Ion Ratio Lower Upper
106 100
91 204.9 163.9 245.9





#69

o-Xylene

Concen: 99.112 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

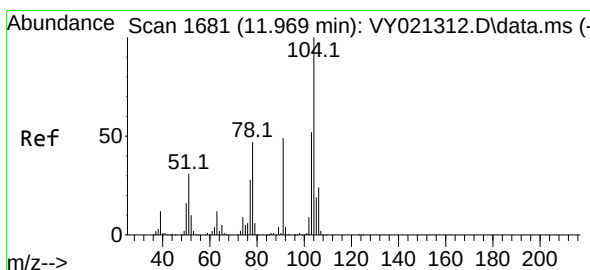
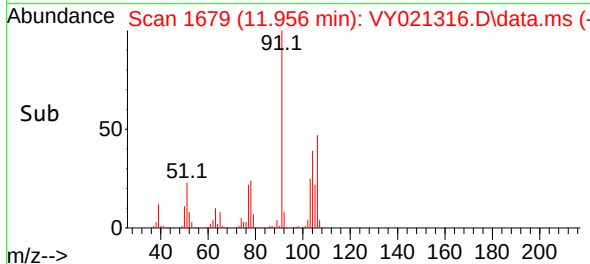
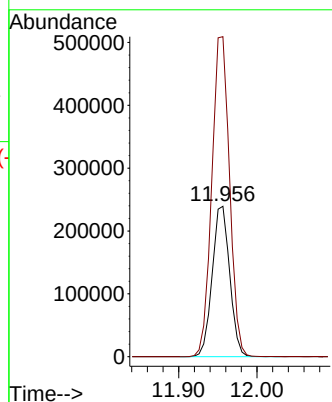
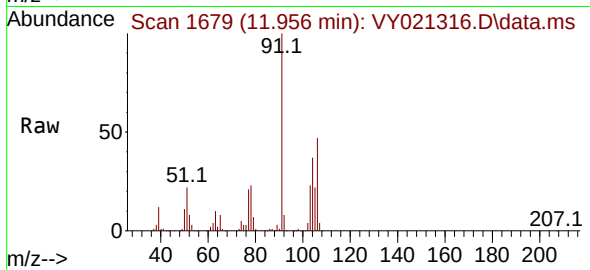
VSTDIC100

Tgt Ion:106 Resp: 370964

Ion Ratio Lower Upper

106 100

91 216.3 108.1 324.2



#70

Styrene

Concen: 99.469 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

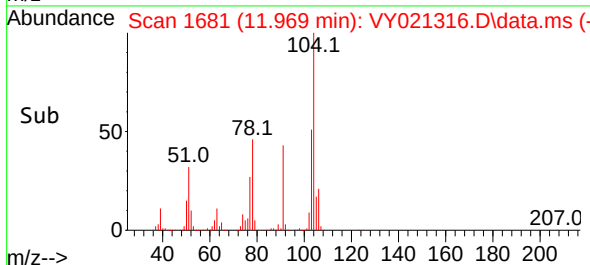
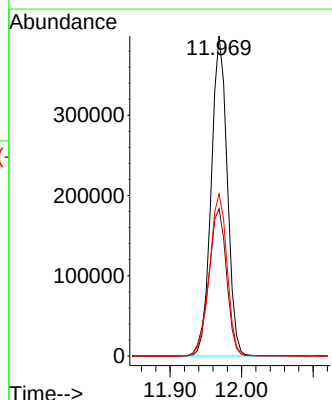
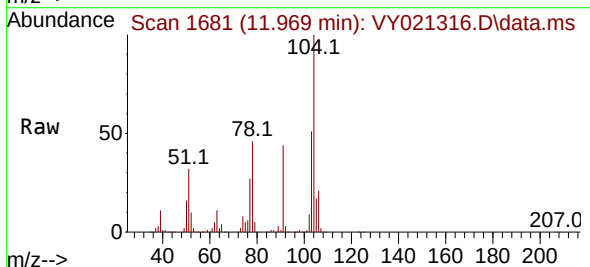
Tgt Ion:104 Resp: 619437

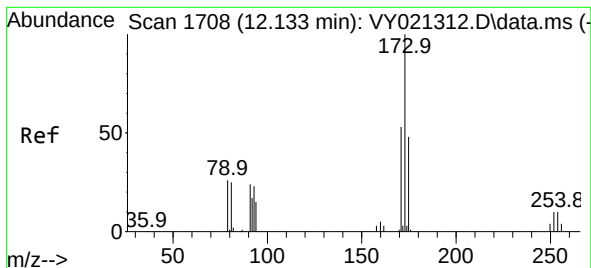
Ion Ratio Lower Upper

104 100

78 51.3 41.3 61.9

103 55.4 43.9 65.9





#71

Bromoform

Concen: 95.313 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

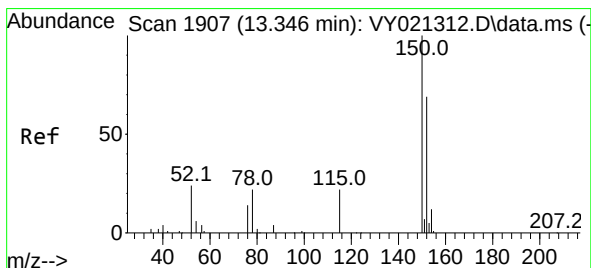
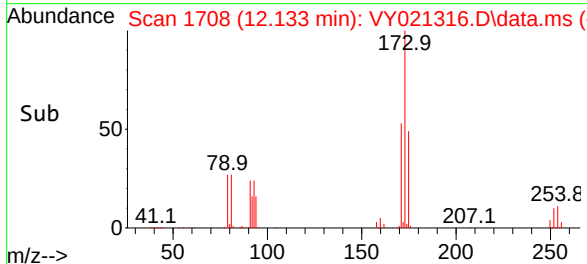
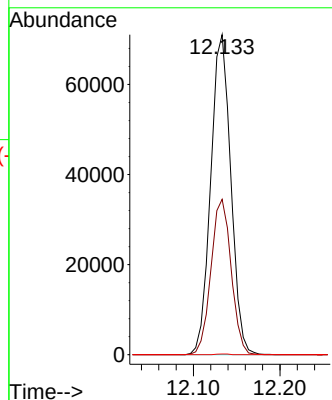
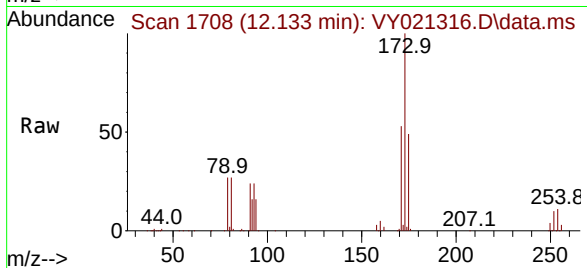
Tgt Ion:173 Resp: 114495

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.3

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

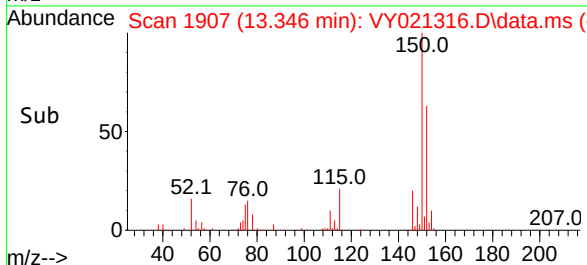
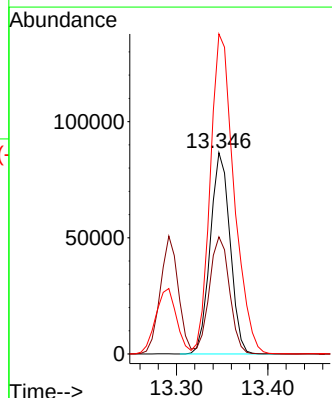
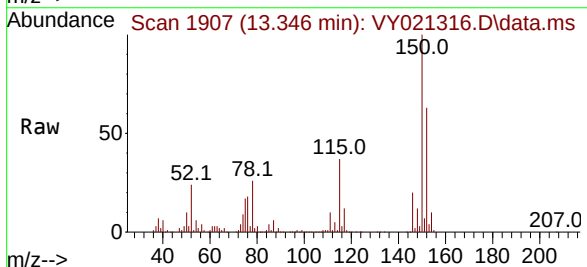
Tgt Ion:152 Resp: 130541

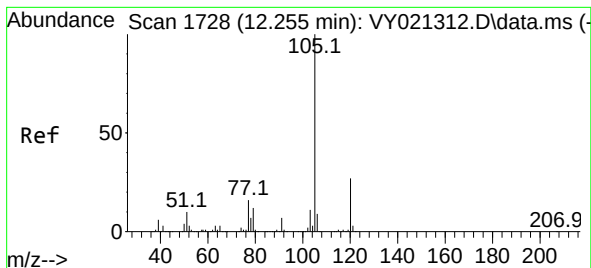
Ion Ratio Lower Upper

152 100

115 59.0 29.3 88.0

150 190.2 0.0 347.4





#73

Isopropylbenzene

Concen: 100.648 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

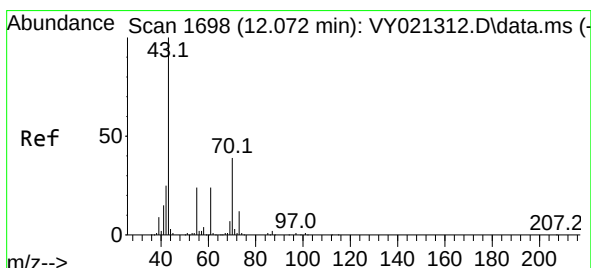
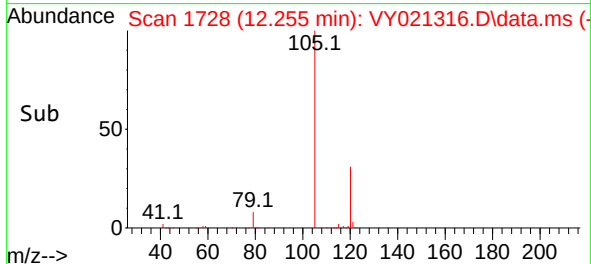
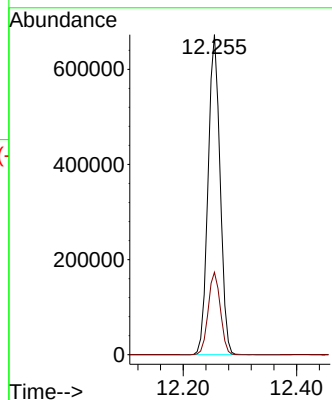
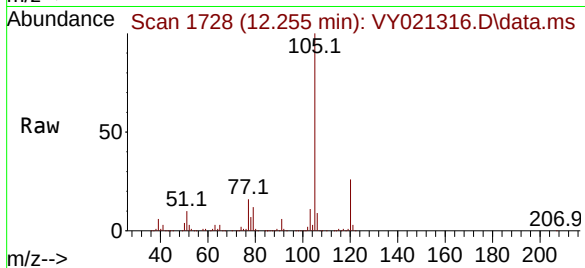
VSTDIC100

Tgt Ion:105 Resp: 987758

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8



#74

N-ethyl acetate

Concen: 103.658 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Tgt Ion: 43 Resp: 258576

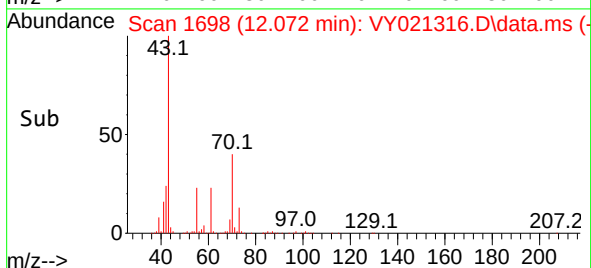
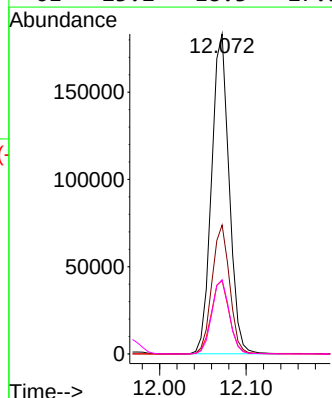
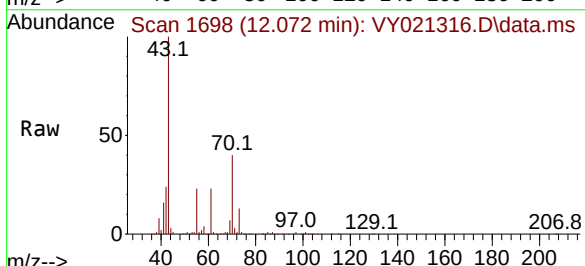
Ion Ratio Lower Upper

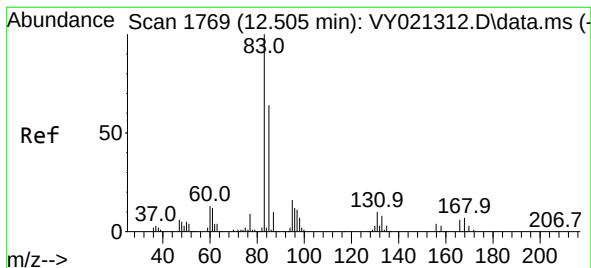
43 100

70 40.6 32.2 48.2

55 23.8 19.6 29.4

61 23.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 94.075 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

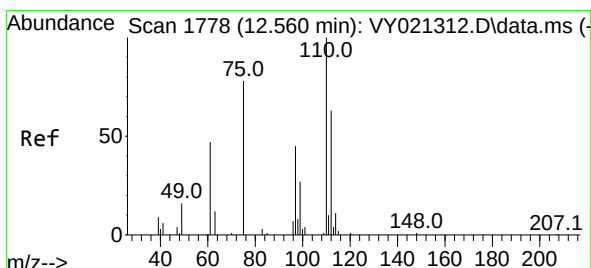
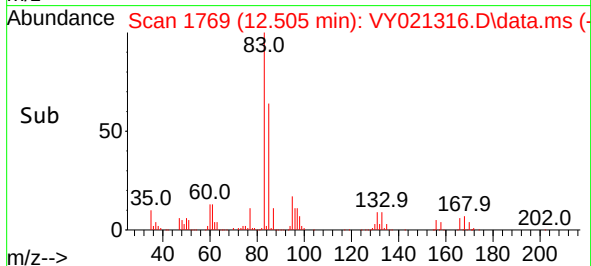
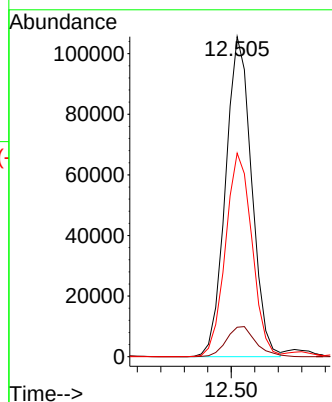
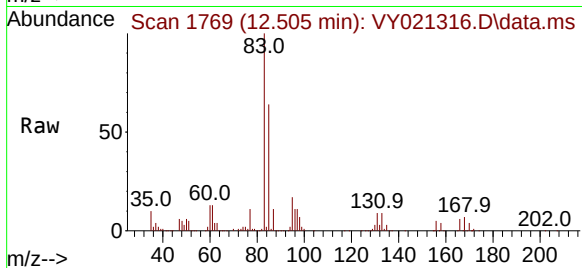
Tgt Ion: 83 Resp: 162941

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 168.760 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY021316.D

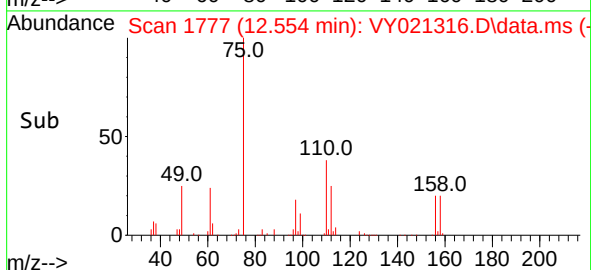
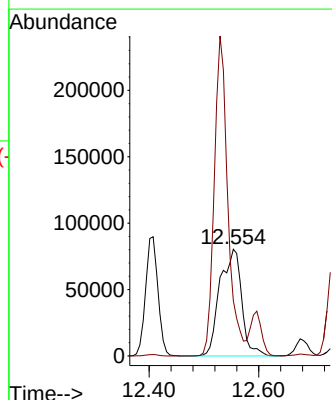
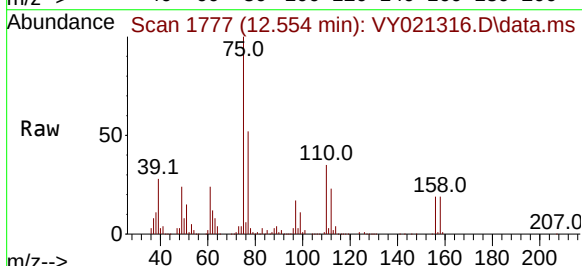
Acq: 25 Feb 2025 16:49

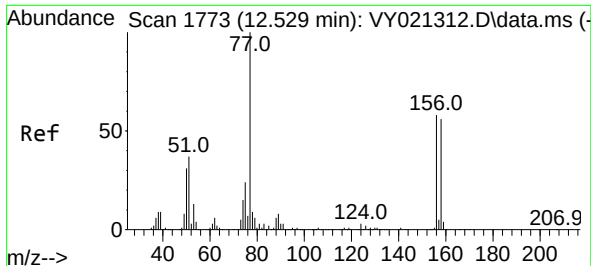
Tgt Ion: 75 Resp: 221853

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

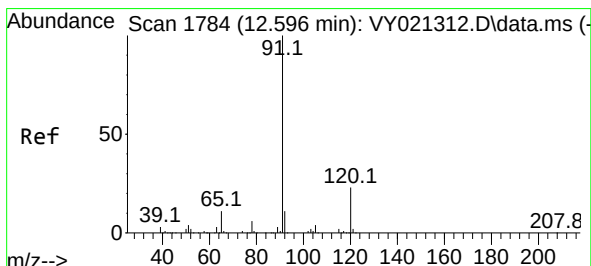
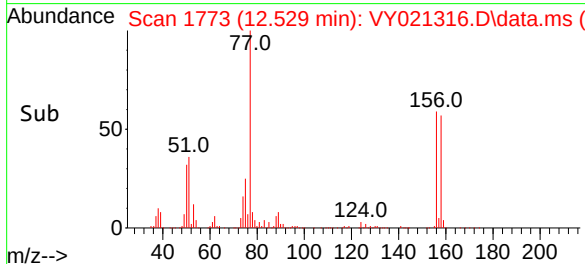
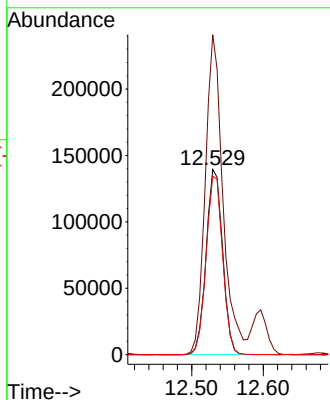
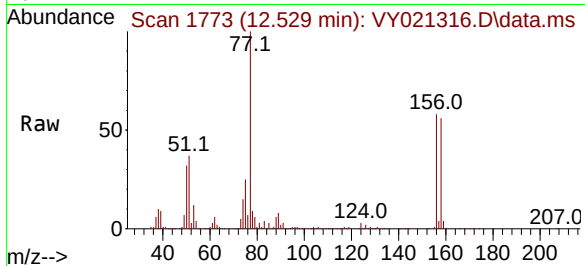




#77
Bromobenzene
Concen: 97.728 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

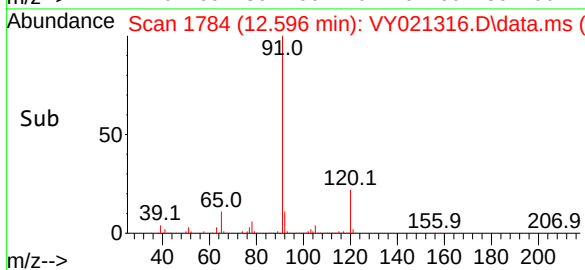
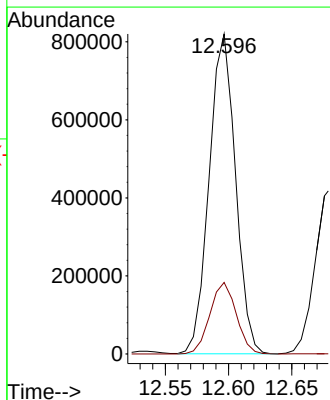
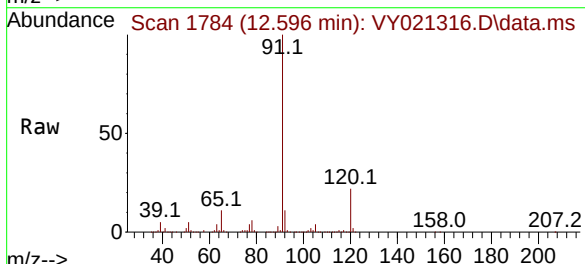
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

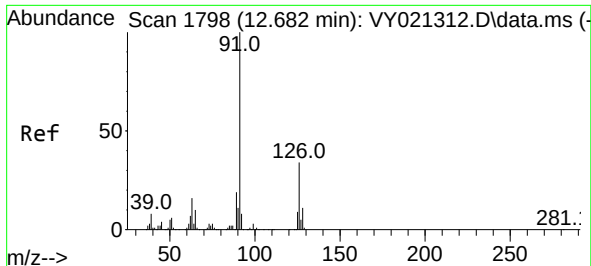
Tgt Ion:156 Resp: 223081
Ion Ratio Lower Upper
156 100
77 184.2 94.0 282.1
158 96.9 48.7 146.1



#78
n-propylbenzene
Concen: 99.651 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 91 Resp: 1186751
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.5

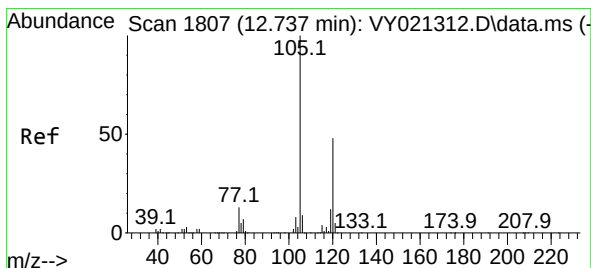
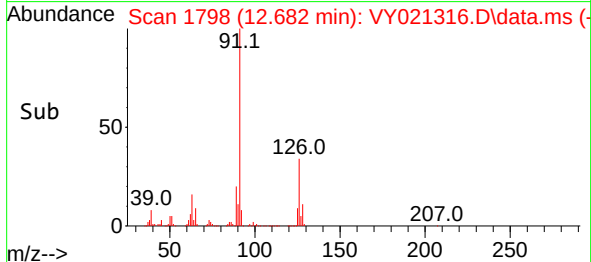
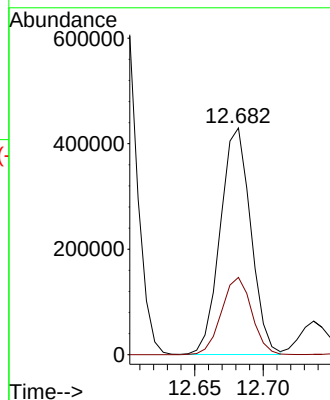
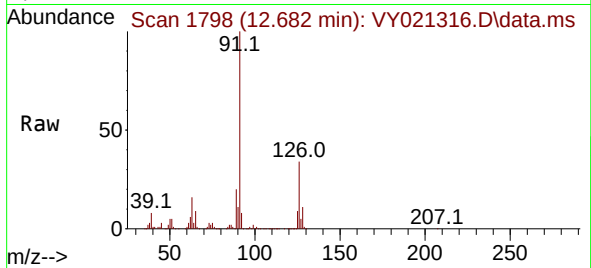




#79
2-Chlorotoluene
Concen: 97.455 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

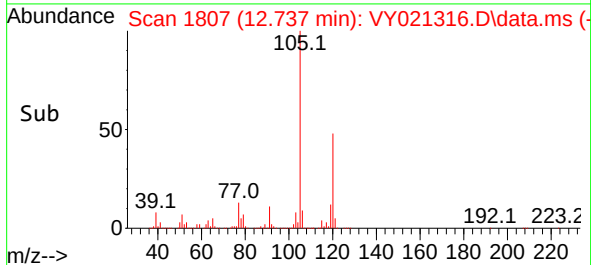
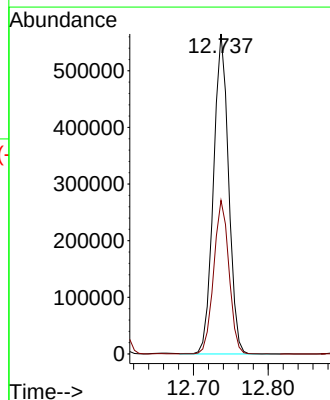
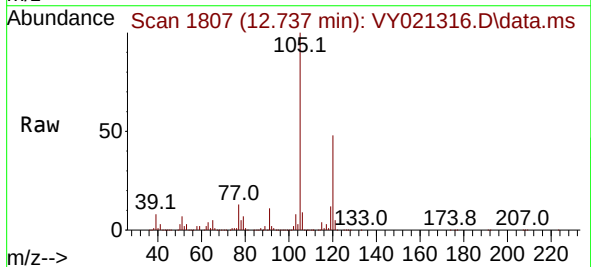
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

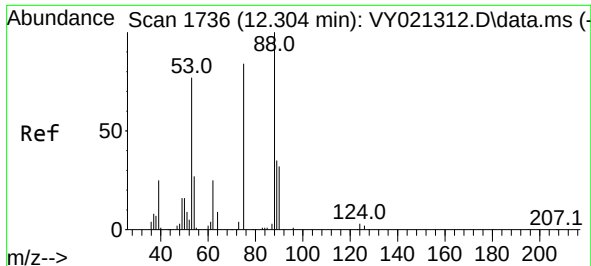
Tgt Ion: 91 Resp: 666071
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 98.676 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 105 Resp: 794247
Ion Ratio Lower Upper
105 100
120 48.4 24.3 73.0

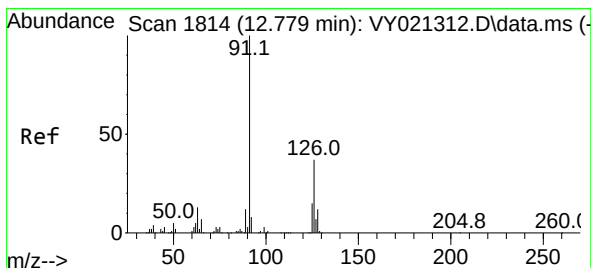
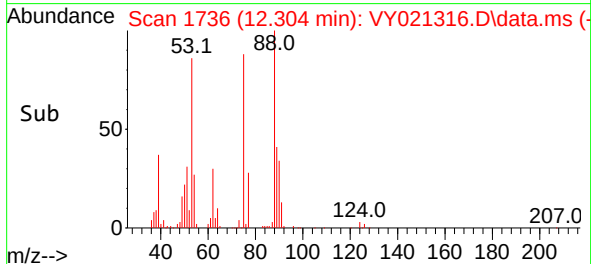
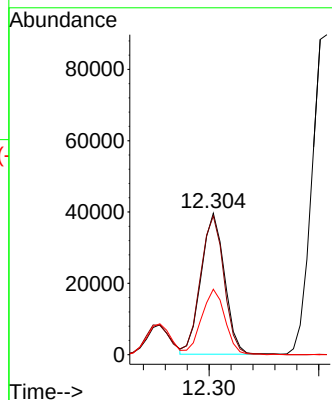
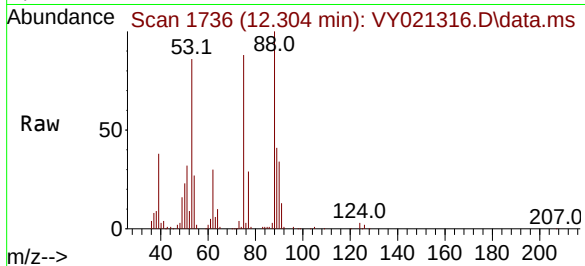




#81
trans-1,4-Dichloro-2-butene
Concen: 100.031 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

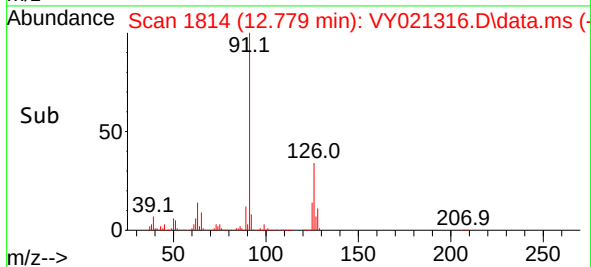
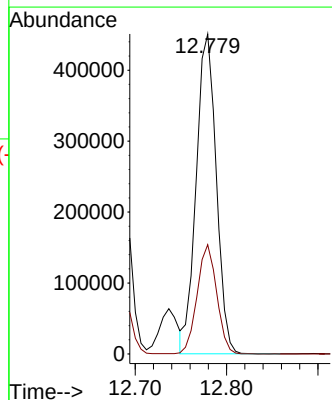
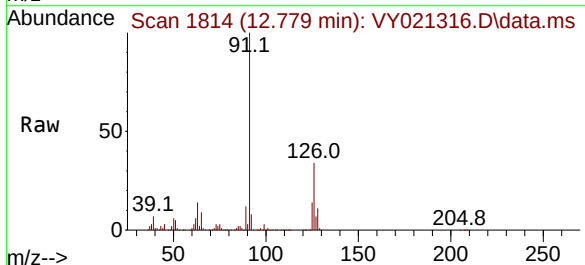
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

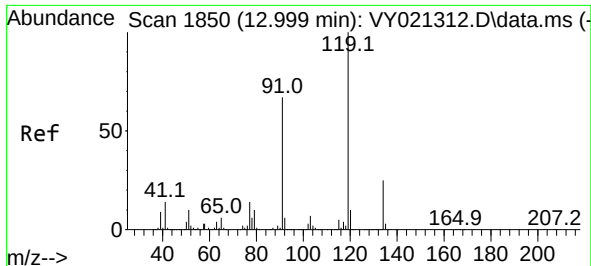
Tgt Ion: 75 Resp: 58806
Ion Ratio Lower Upper
75 100
53 99.2 79.1 118.7
89 46.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 97.022 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021316.D
Acq: 25 Feb 2025 16:49

Tgt Ion: 91 Resp: 687385
Ion Ratio Lower Upper
91 100
126 33.4 16.8 50.4

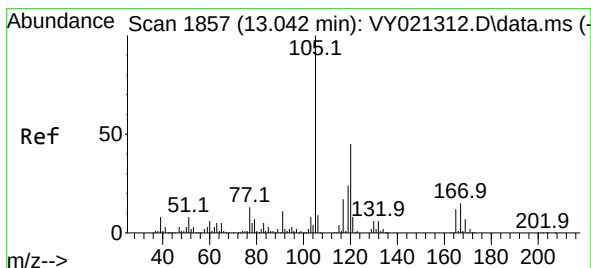
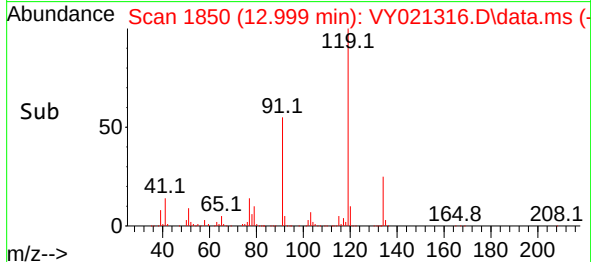
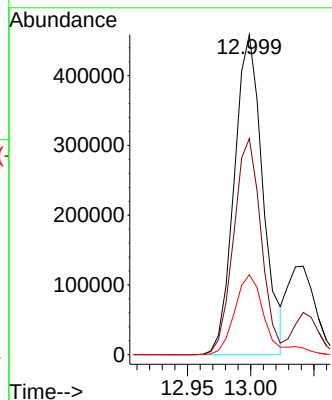
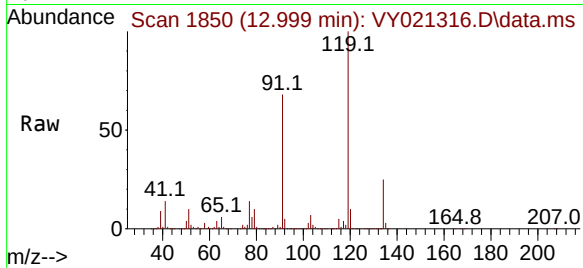




#83
 tert-Butylbenzene
 Concen: 99.092 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021316.D
 Acq: 25 Feb 2025 16:49

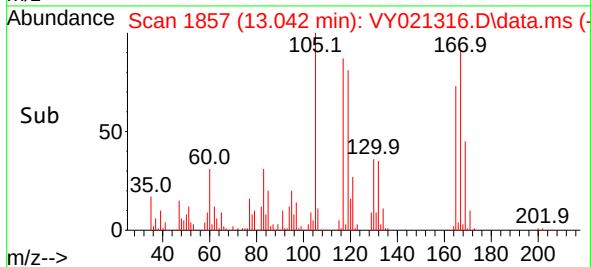
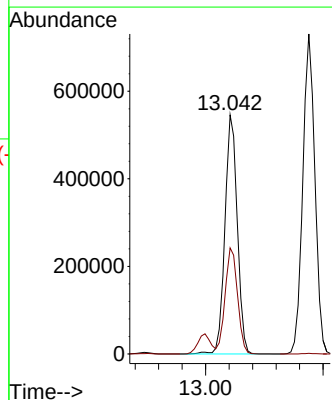
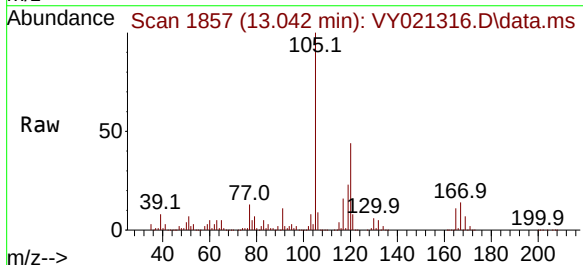
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

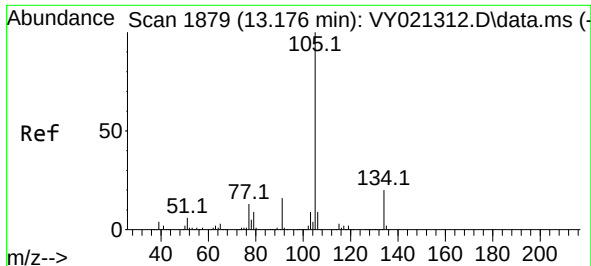
Tgt Ion:119 Resp: 720480
 Ion Ratio Lower Upper
 119 100
 91 65.1 32.7 98.1
 134 26.5 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 99.415 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021316.D
 Acq: 25 Feb 2025 16:49

Tgt Ion:105 Resp: 795840
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3

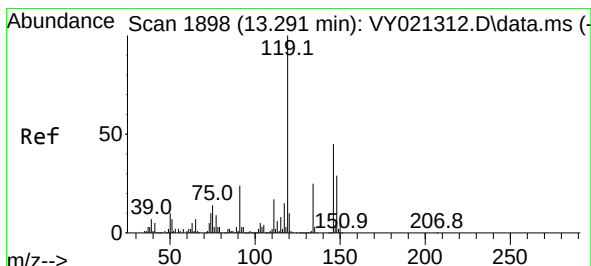
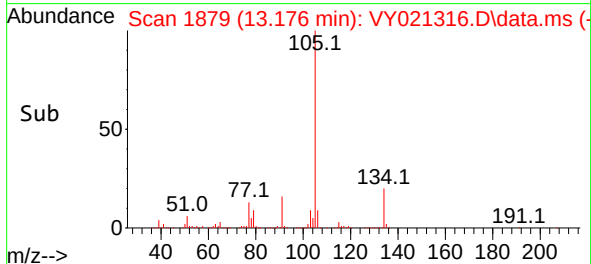
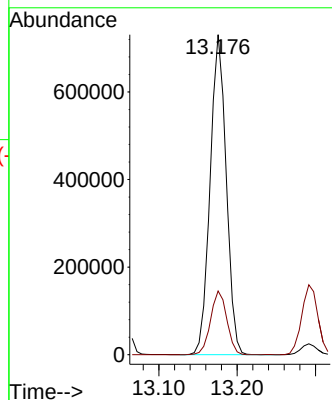
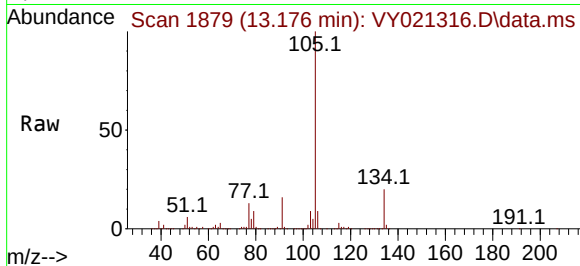




#85
 sec-Butylbenzene
 Concen: 98.021 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021316.D
 Acq: 25 Feb 2025 16:49

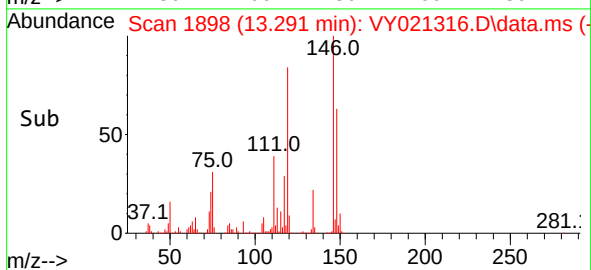
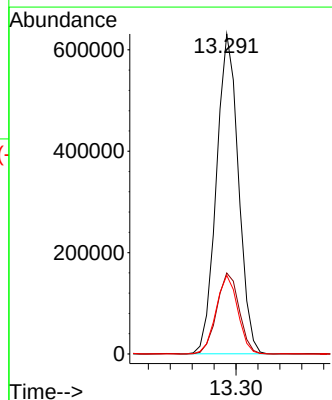
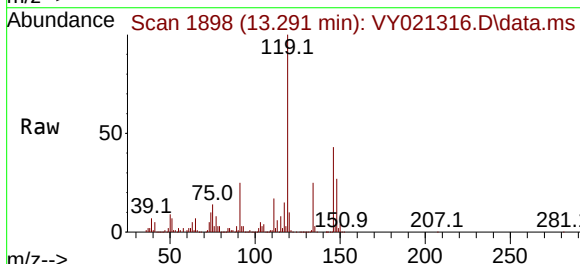
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

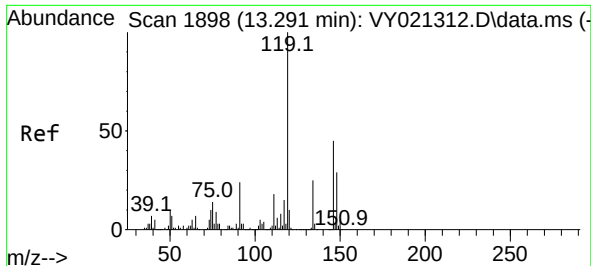
Tgt Ion:105 Resp: 1041022
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 99.431 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021316.D
 Acq: 25 Feb 2025 16:49

Tgt Ion:119 Resp: 881757
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 24.3 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 96.445 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

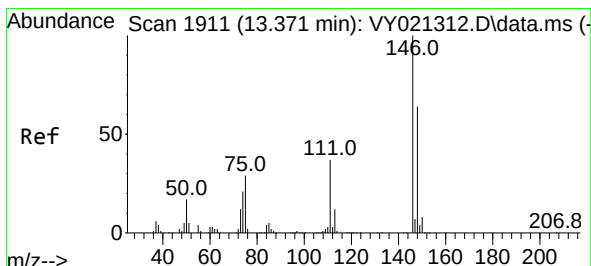
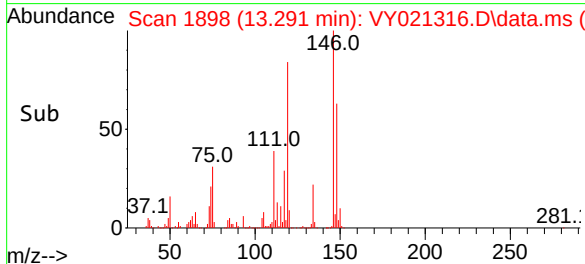
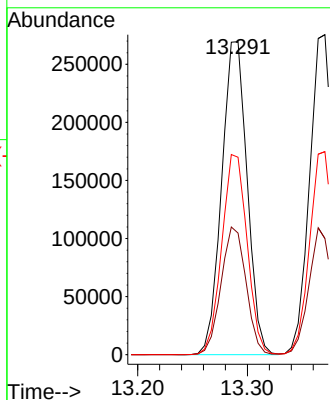
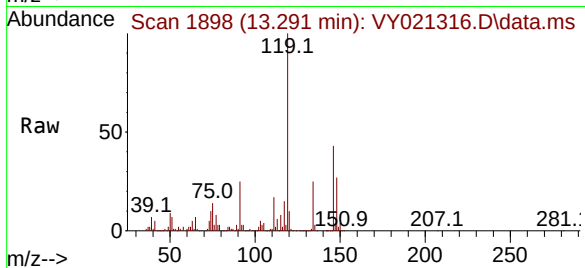
Tgt Ion:146 Resp: 435489

Ion Ratio Lower Upper

146 100

111 40.1 20.0 59.9

148 63.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 95.343 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

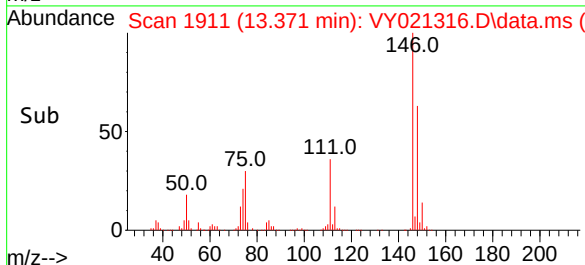
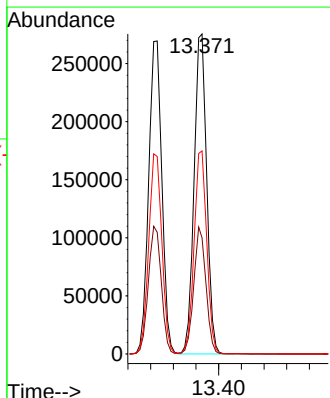
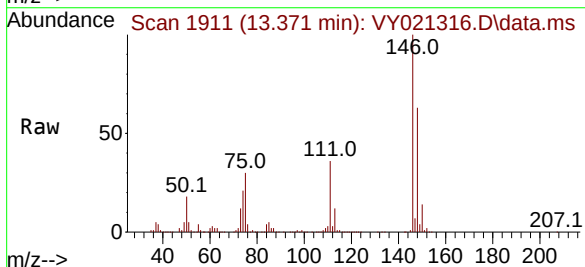
Tgt Ion:146 Resp: 425301

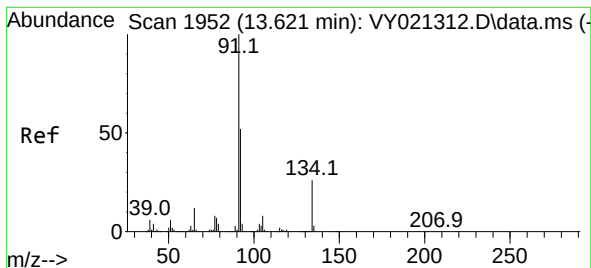
Ion Ratio Lower Upper

146 100

111 38.2 19.5 58.5

148 63.7 32.0 96.2





#89

n-Butylbenzene

Concen: 100.683 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

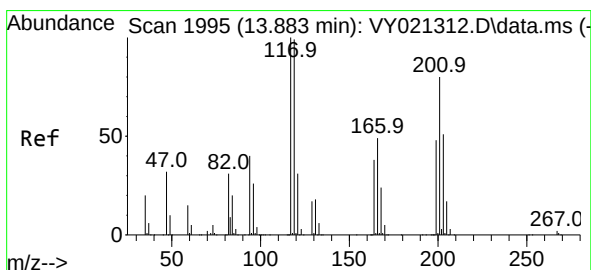
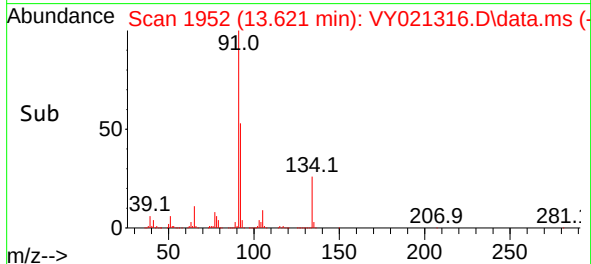
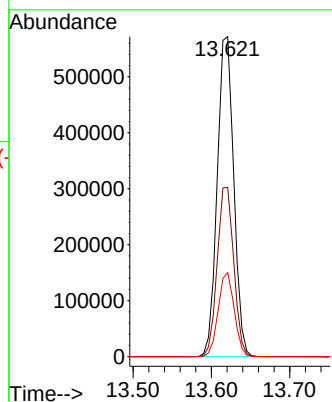
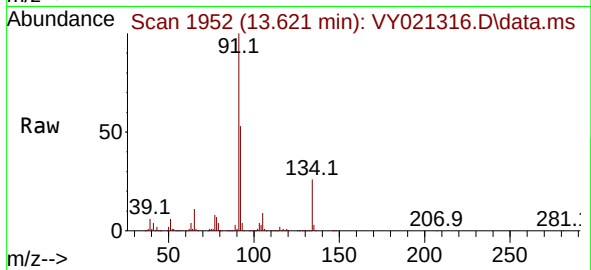
Tgt Ion: 91 Resp: 840236

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.2

134 25.5 12.7 38.0



#90

Hexachloroethane

Concen: 97.720 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY021316.D

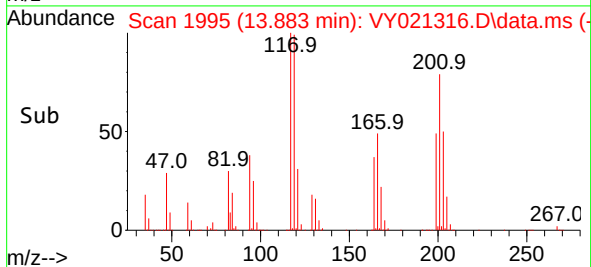
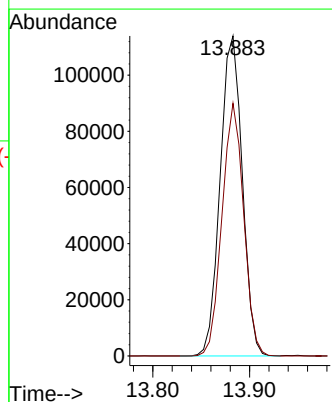
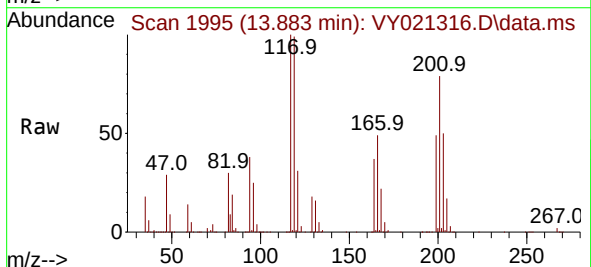
Acq: 25 Feb 2025 16:49

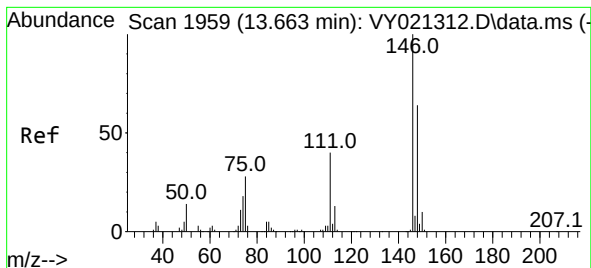
Tgt Ion: 117 Resp: 181015

Ion Ratio Lower Upper

117 100

201 77.1 38.4 115.2





#91

1,2-Dichlorobenzene

Concen: 95.410 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

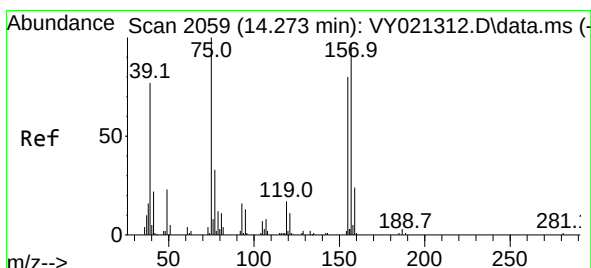
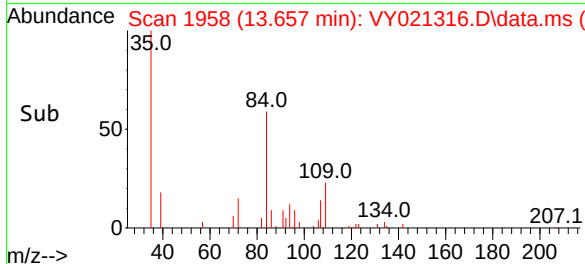
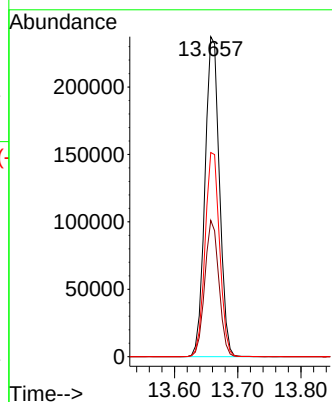
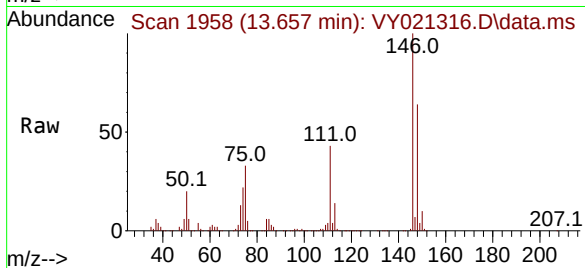
Tgt Ion:146 Resp: 377453

Ion Ratio Lower Upper

146 100

111 41.7 20.7 62.1

148 64.1 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 96.867 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

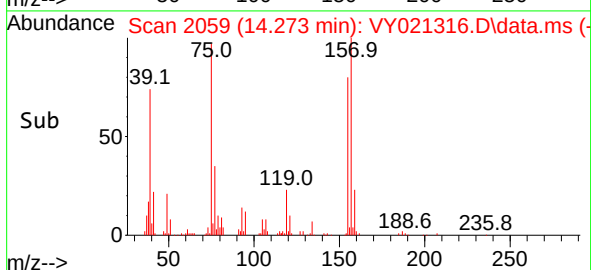
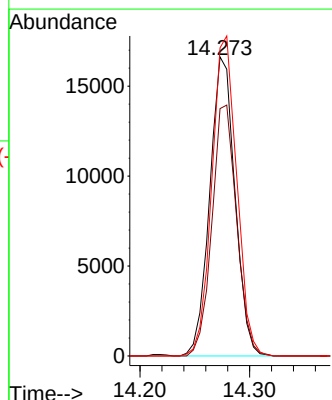
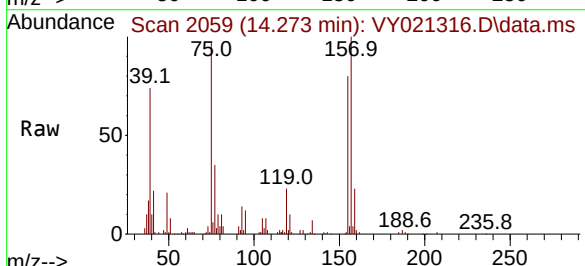
Tgt Ion: 75 Resp: 26541

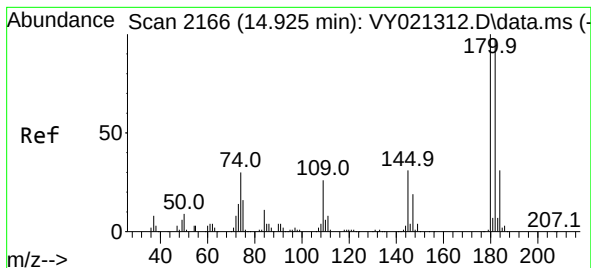
Ion Ratio Lower Upper

75 100

155 82.1 41.9 125.6

157 105.5 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 102.770 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

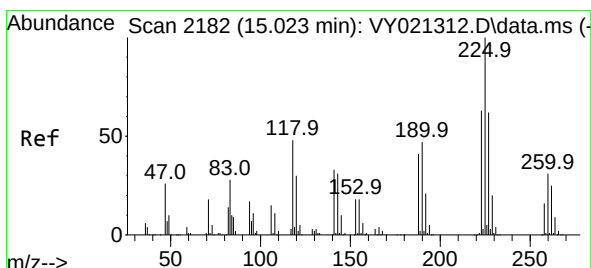
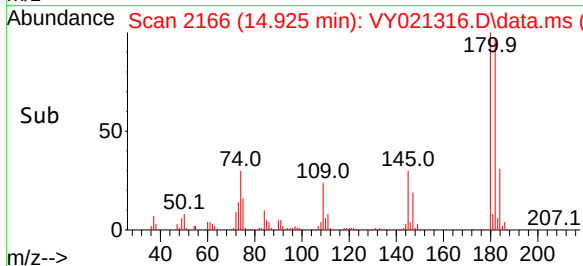
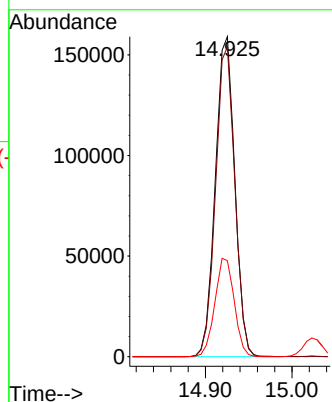
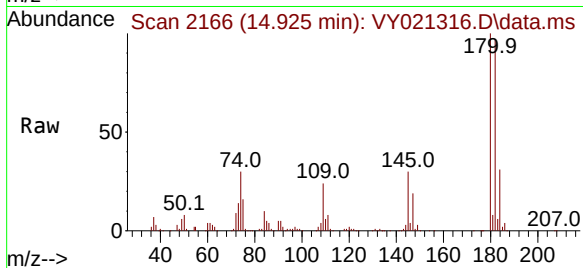
Tgt Ion:180 Resp: 248146

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.7

145 30.6 15.6 46.8



#94

Hexachlorobutadiene

Concen: 96.770 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

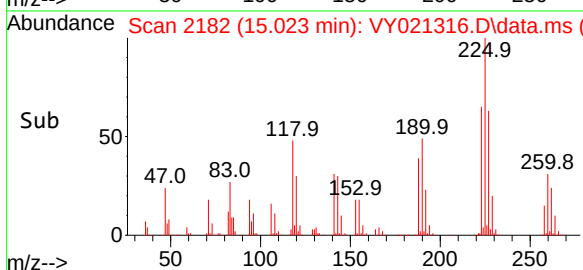
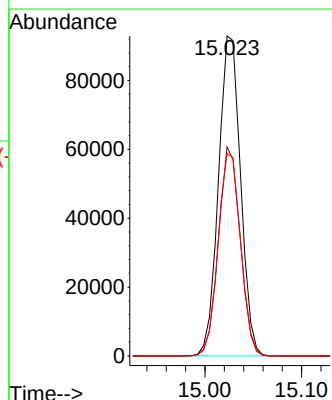
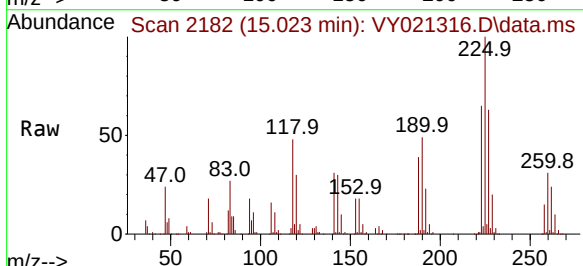
Tgt Ion:225 Resp: 147103

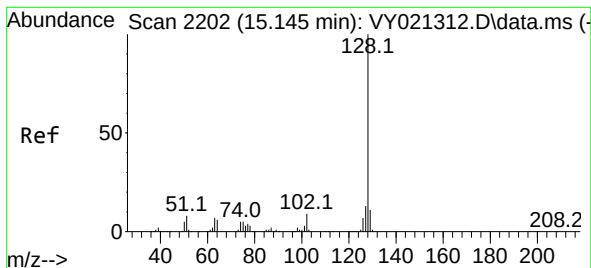
Ion Ratio Lower Upper

225 100

223 64.4 31.8 95.4

227 64.4 31.9 95.7





#95

Naphthalene

Concen: 109.220 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

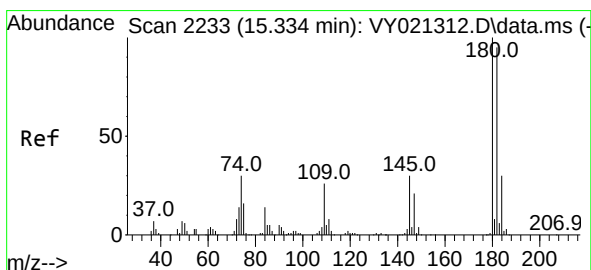
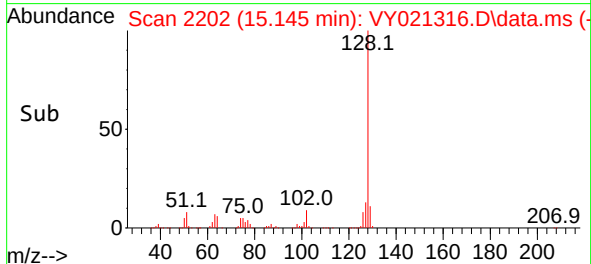
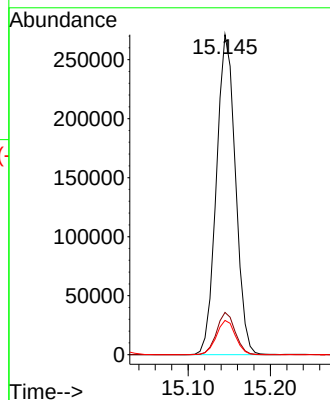
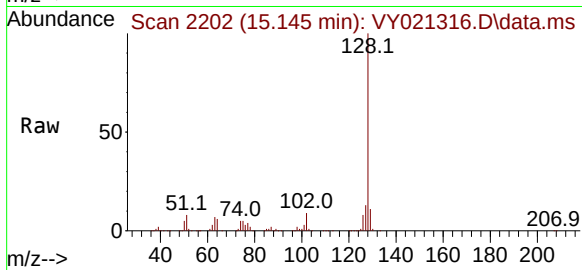
Tgt Ion:128 Resp: 436817

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.7 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 103.581 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021316.D

Acq: 25 Feb 2025 16:49

Tgt Ion:180 Resp: 211313

Ion Ratio Lower Upper

180 100

182 94.0 48.3 144.9

145 32.3 16.1 48.3

