

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020707.D
 Acq On : 26 Dec 2024 09:53
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 26 16:05:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	113806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	160513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	134187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	67536	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	9148	9.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	19.620%#
35) Dibromofluoromethane	7.646	113	8811	9.966	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.940%#
50) Toluene-d8	10.115	98	28333	9.506	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.020%#
62) 4-Bromofluorobenzene	12.413	95	12144	10.336	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	20.680%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	10304	11.503	ug/l	90
3) Chloromethane	2.080	50	3515	10.521	ug/l	97
4) Vinyl Chloride	2.214	62	4449	10.748	ug/l	97
5) Bromomethane	2.610	94	3397	10.870	ug/l	93
6) Chloroethane	2.751	64	2641	10.636	ug/l	90
7) Trichlorofluoromethane	3.074	101	17447	10.961	ug/l	95
8) Diethyl Ether	3.464	74	3903	10.304	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.830	101	9745	11.152	ug/l	99
10) Methyl Iodide	4.019	142	9549	9.993	ug/l	100
11) Tert butyl alcohol	4.872	59	3641	45.628	ug/l	99
12) 1,1-Dichloroethene	3.811	96	8169	10.503	ug/l	90
13) Acrolein	3.677	56	1325	67.996	ug/l	90
14) Allyl chloride	4.403	41	9677	10.632	ug/l	94
15) Acrylonitrile	5.079	53	7720	52.760	ug/l	94
16) Acetone	3.891	43	7777	65.764	ug/l	90
17) Carbon Disulfide	4.122	76	19437	10.187	ug/l	99
18) Methyl Acetate	4.397	43	3518	10.992	ug/l	95
19) Methyl tert-butyl Ether	5.134	73	22860	10.545	ug/l	97
20) Methylene Chloride	4.640	84	8316	10.812	ug/l #	88
21) trans-1,2-Dichloroethene	5.134	96	8600	10.261	ug/l	98
22) Diisopropyl ether	6.030	45	20110	10.869	ug/l	93
23) Vinyl Acetate	5.976	43	56669	51.276	ug/l	98
24) 1,1-Dichloroethane	5.939	63	15035	10.838	ug/l #	95
25) 2-Butanone	6.914	43	7858	49.191	ug/l	93
26) 2,2-Dichloropropane	6.902	77	18453	10.868	ug/l	96
27) cis-1,2-Dichloroethene	6.908	96	10464	10.425	ug/l	98
28) Bromochloromethane	7.262	49	3437	9.369	ug/l #	92
29) Tetrahydrofuran	7.274	42	5125	52.267	ug/l	99
30) Chloroform	7.433	83	18692	10.474	ug/l	88
31) Cyclohexane	7.719	56	13258	11.072	ug/l #	92
32) 1,1,1-Trichloroethane	7.634	97	20406	10.668	ug/l	98
36) 1,1-Dichloropropene	7.847	75	12601	10.790	ug/l	98
37) Ethyl Acetate	6.994	43	3547	9.217	ug/l	100
38) Carbon Tetrachloride	7.829	117	20683	10.755	ug/l	94
39) Methylcyclohexane	9.115	83	15497	10.353	ug/l	95
40) Benzene	8.091	78	35447	10.473	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	1876	9.650	ug/l #	68
42) 1,2-Dichloroethane	8.170	62	11313	10.424	ug/l	99
43) Isopropyl Acetate	8.207	43	7905	9.664	ug/l #	87
44) Trichloroethene	8.878	130	10790	10.673	ug/l	96
45) 1,2-Dichloropropane	9.146	63	7377	10.767	ug/l	91
46) Dibromomethane	9.237	93	4900	10.336	ug/l	94
47) Bromodichloromethane	9.432	83	14245	10.599	ug/l	98
48) Methyl methacrylate	9.231	41	3827	10.018	ug/l	94
49) 1,4-Dioxane	9.243	88	924	204.624	ug/l	90
51) 4-Methyl-2-Pentanone	10.005	43	19722	49.951	ug/l	99
52) Toluene	10.176	92	24111	10.393	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	11736	9.942	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	13095	10.121	ug/l	97
55) 1,1,2-Trichloroethane	10.578	97	5992	9.902	ug/l	94
56) Ethyl methacrylate	10.444	69	7986	10.046	ug/l	96
57) 1,3-Dichloropropane	10.725	76	9956	10.137	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.719	63	12740	45.957	ug/l	97
59) 2-Hexanone	10.767	43	12416	47.628	ug/l	100
60) Dibromochloromethane	10.920	129	10320	10.554	ug/l	96
61) 1,2-Dibromoethane	11.023	107	5732	10.067	ug/l	97
64) Tetrachloroethene	10.658	164	9654	10.530	ug/l	93
65) Chlorobenzene	11.450	112	28012	10.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	10891	10.699	ug/l	99
67) Ethyl Benzene	11.529	91	48565	10.575	ug/l	97
68) m/p-Xylenes	11.639	106	37110	21.184	ug/l	99
69) o-Xylene	11.962	106	17878	10.682	ug/l	99
70) Styrene	11.975	104	28883	10.280	ug/l	99
71) Bromoform	12.133	173	6103	10.428	ug/l #	98
73) Isopropylbenzene	12.261	105	51343	10.973	ug/l	99
74) N-amyl acetate	12.078	43	6525	9.813	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	5918	9.866	ug/l	94
76) 1,2,3-Trichloropropane	12.566	75	9219	17.305	ug/l #	100
77) Bromobenzene	12.541	156	11164	10.365	ug/l	94
78) n-propylbenzene	12.602	91	57154	10.898	ug/l	100
79) 2-Chlorotoluene	12.688	91	32123	10.745	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	41891	10.746	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	2060	9.480	ug/l	92
82) 4-Chlorotoluene	12.785	91	32918	10.654	ug/l	100
83) tert-Butylbenzene	13.005	119	39005	10.714	ug/l	100
84) 1,2,4-Trimethylbenzene	13.054	105	39791	10.489	ug/l	96
85) sec-Butylbenzene	13.182	105	52410	10.682	ug/l	97
86) p-Isopropyltoluene	13.297	119	47106	10.773	ug/l	99
87) 1,3-Dichlorobenzene	13.297	146	22556	10.715	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	21947	10.480	ug/l	96
89) n-Butylbenzene	13.627	91	39091	10.710	ug/l	99
90) Hexachloroethane	13.889	117	8880	10.680	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	18554	10.279	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.285	75	1198	10.298	ug/l	98
93) 1,2,4-Trichlorobenzene	14.931	180	11153	9.721	ug/l	97
94) Hexachlorobutadiene	15.035	225	8808	10.534	ug/l	98
95) Naphthalene	15.151	128	16857	9.174	ug/l	98
96) 1,2,3-Trichlorobenzene	15.340	180	9155	9.584	ug/l	98

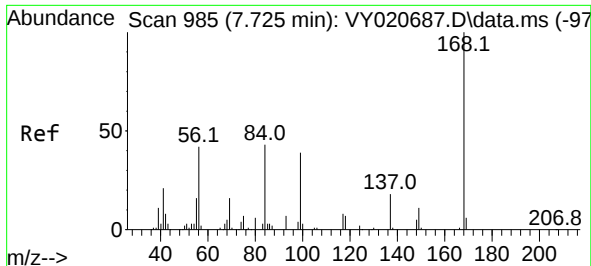
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Response via : Initial Calibration

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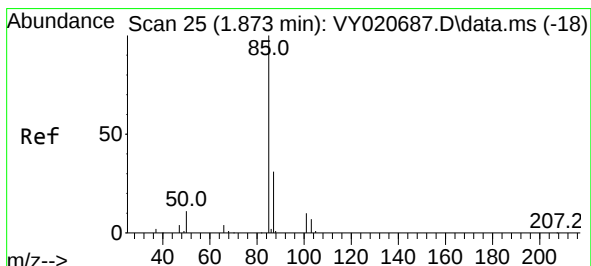
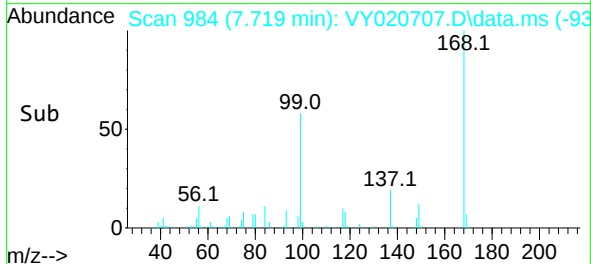
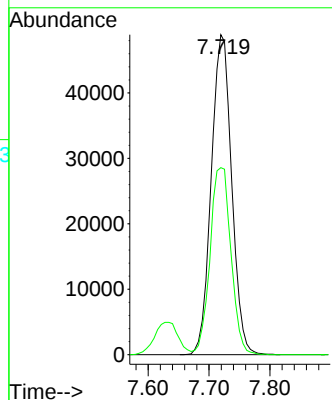
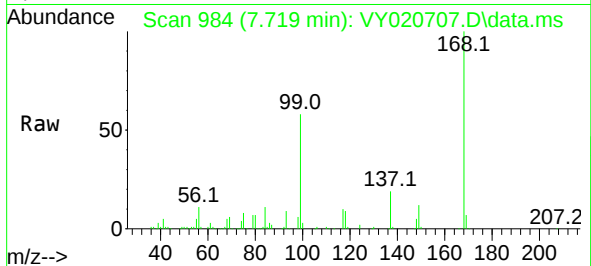
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.006 min
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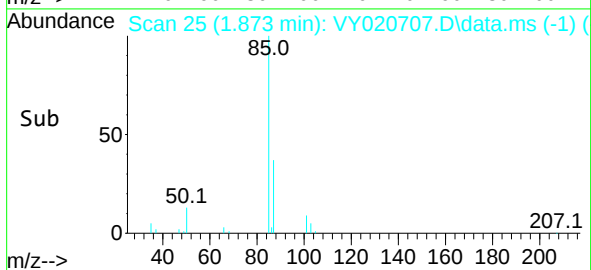
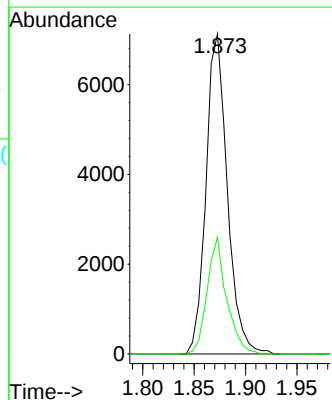
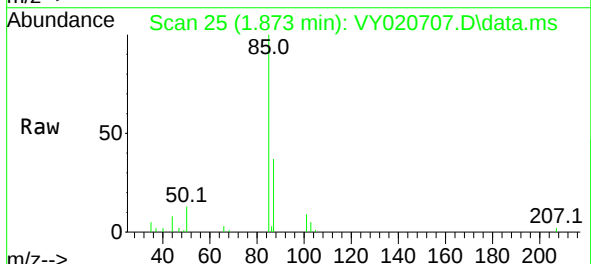
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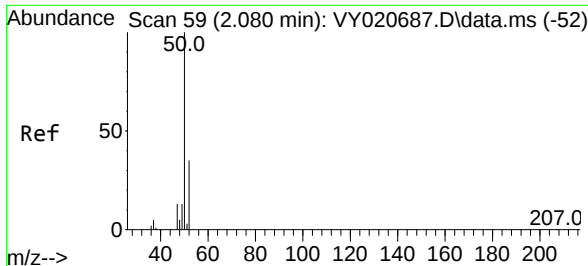
Tgt Ion:168 Resp: 113806
Ion Ratio Lower Upper
168 100
99 58.5 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 11.503 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion: 85 Resp: 10304
Ion Ratio Lower Upper
85 100
87 36.5 15.4 46.4

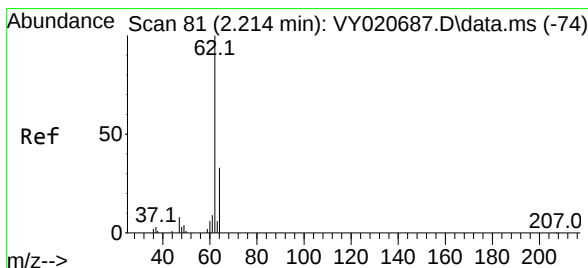
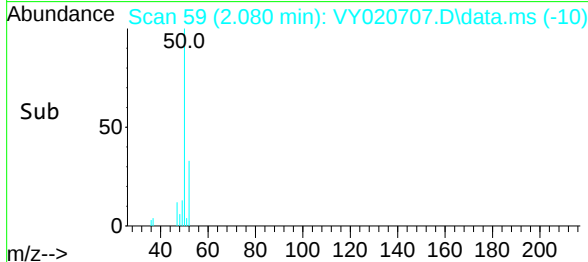
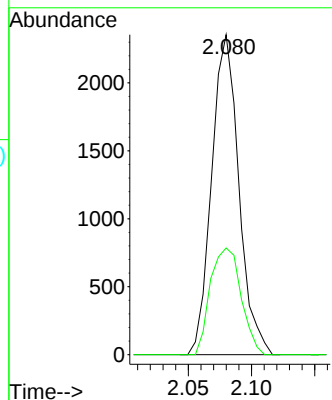
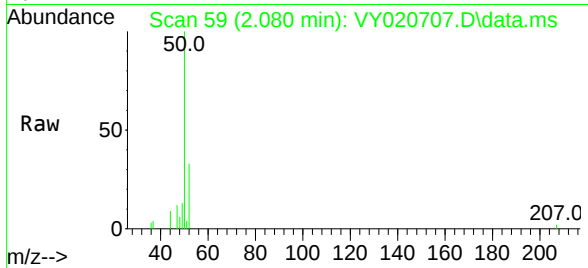




#3
Chloromethane
Concen: 10.521 ug/l
RT: 2.080 min Scan# 59
Delta R.T. -0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

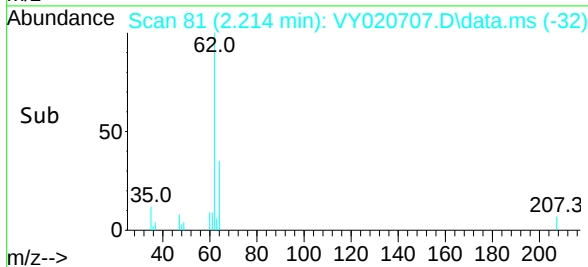
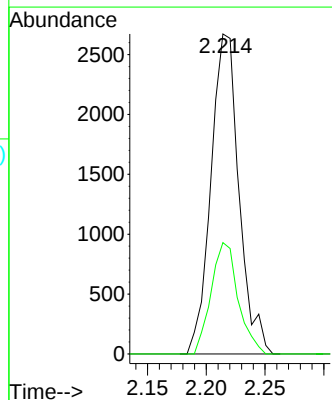
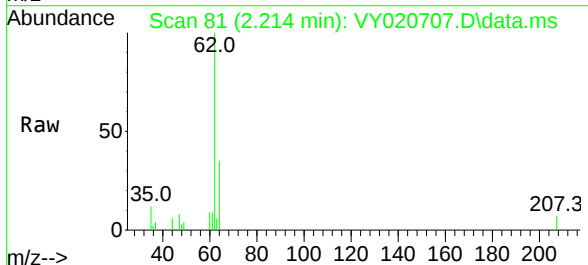
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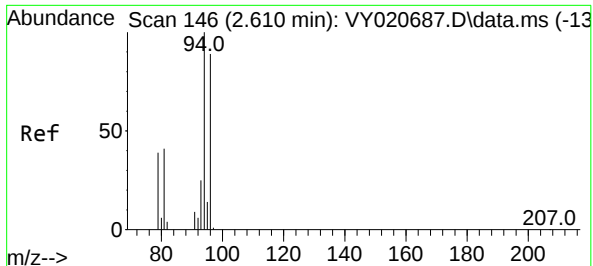
Tgt Ion: 50 Resp: 3515
Ion Ratio Lower Upper
50 100
52 33.3 28.2 42.2



#4
Vinyl Chloride
Concen: 10.748 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion: 62 Resp: 4449
Ion Ratio Lower Upper
62 100
64 34.8 26.6 40.0

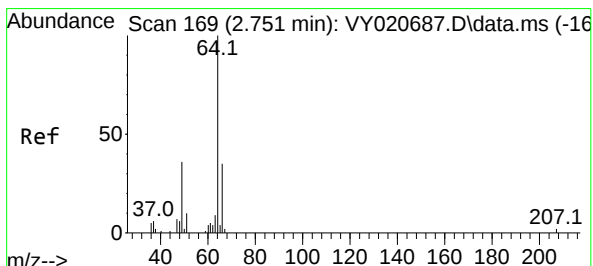
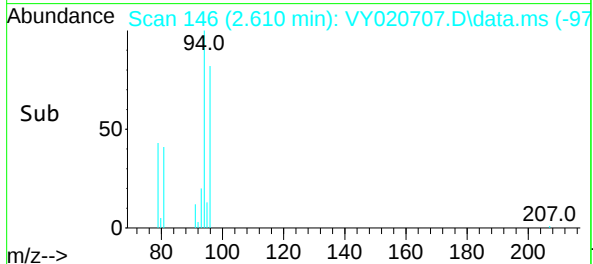
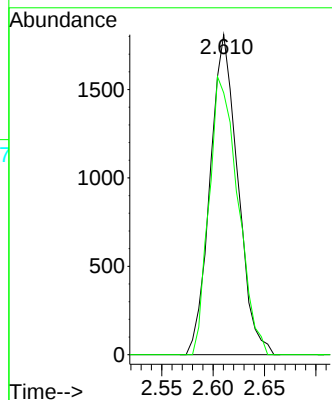
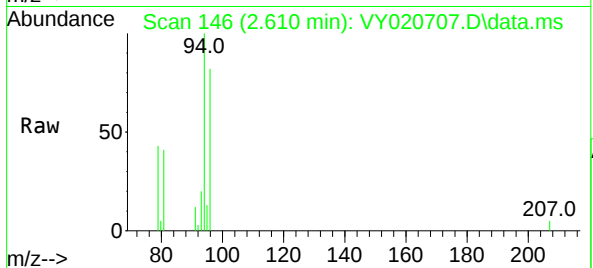




#5
Bromomethane
Concen: 10.870 ug/l
RT: 2.610 min Scan# 146
Delta R.T. 0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

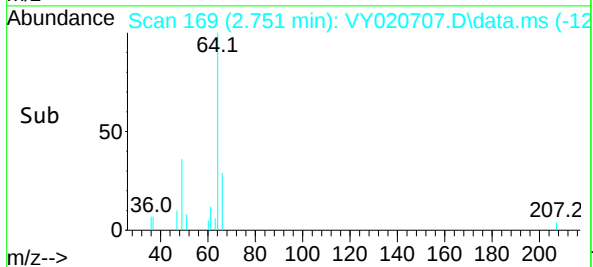
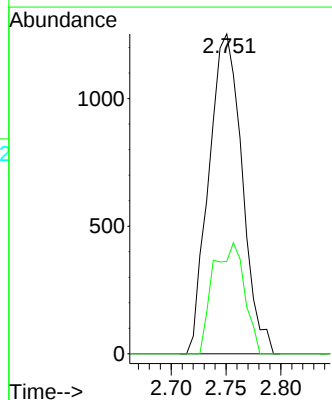
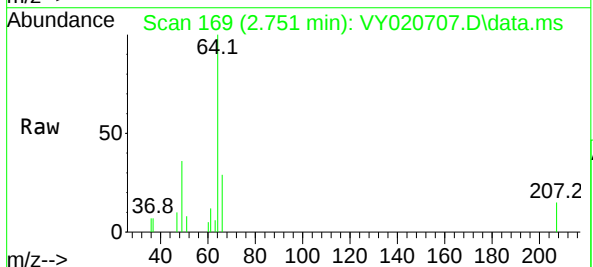
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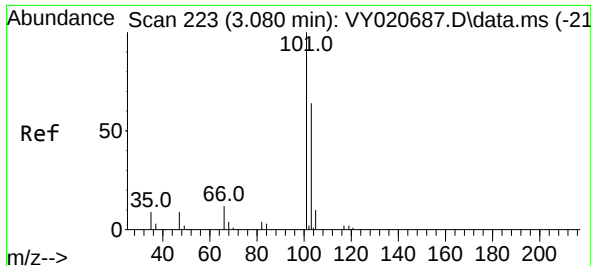
Tgt Ion: 94 Resp: 3397
Ion Ratio Lower Upper
94 100
96 81.8 71.0 106.6



#6
Chloroethane
Concen: 10.636 ug/l
RT: 2.751 min Scan# 169
Delta R.T. -0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion: 64 Resp: 2641
Ion Ratio Lower Upper
64 100
66 28.9 27.8 41.8

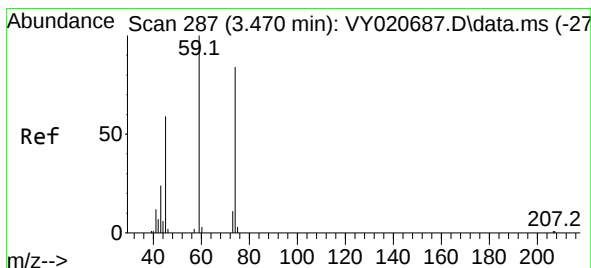
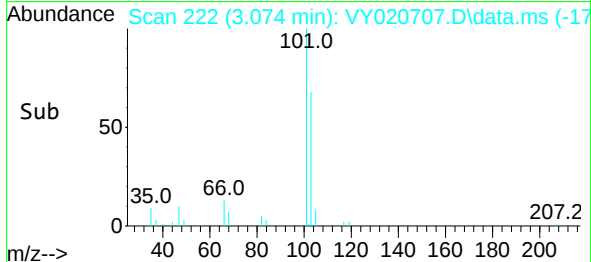
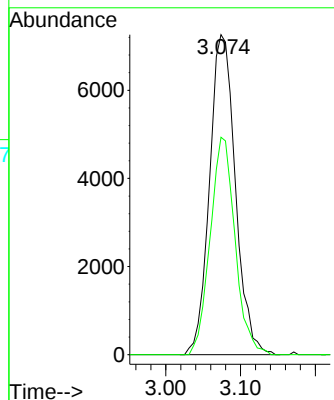
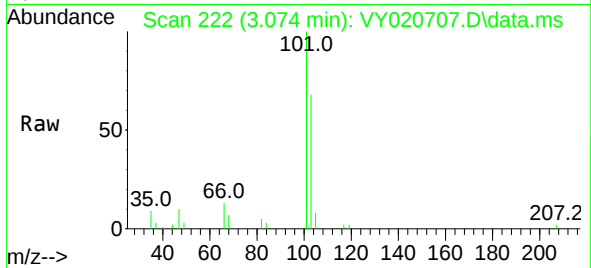




#7
Trichlorofluoromethane
Concen: 10.961 ug/l
RT: 3.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

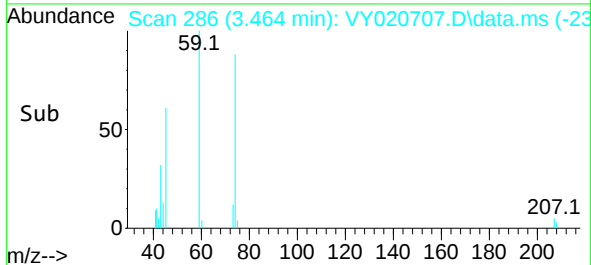
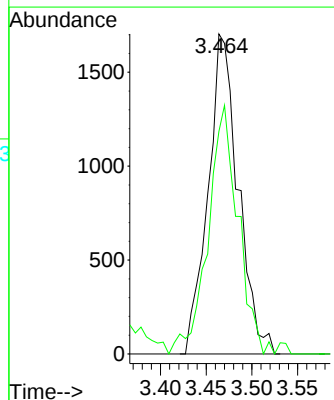
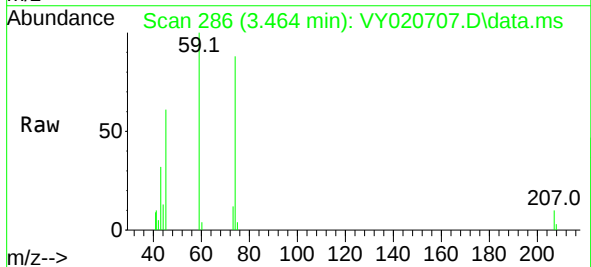
Instrument :
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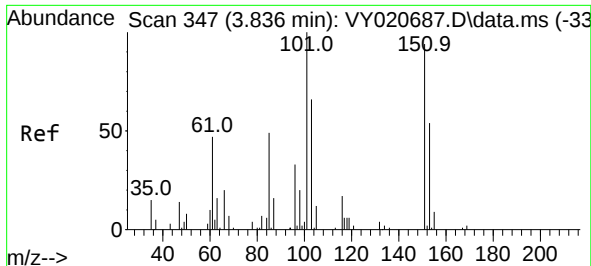
Tgt Ion:101 Resp: 17447
Ion Ratio Lower Upper
101 100
103 67.9 51.4 77.0



#8
Diethyl Ether
Concen: 10.304 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.006 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion: 74 Resp: 3903
Ion Ratio Lower Upper
74 100
45 77.2 35.8 107.4

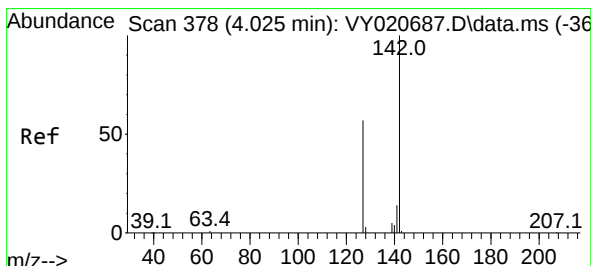
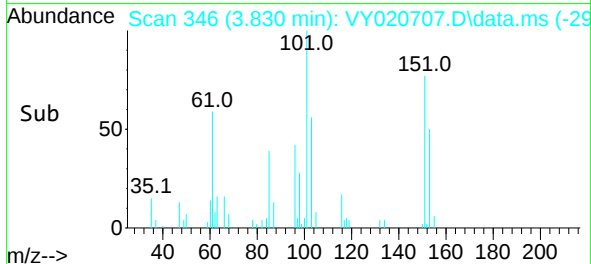
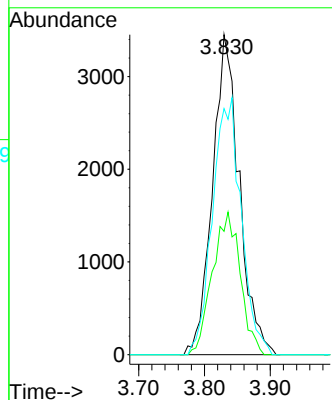
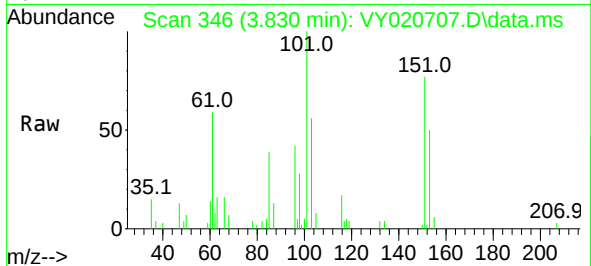




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.152 ug/l
RT: 3.830 min Scan# 34
Delta R.T. -0.006 min
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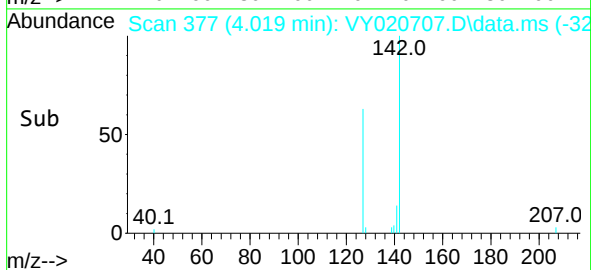
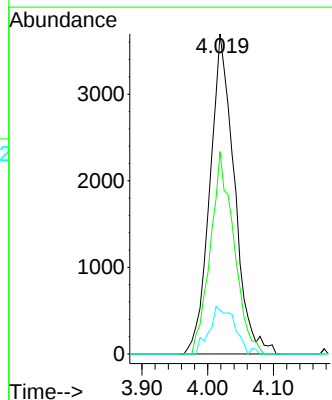
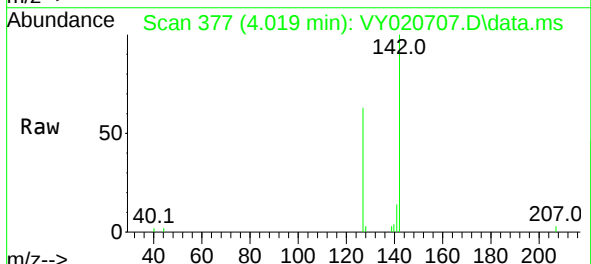
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ClientSampleId :
VSTDIC010

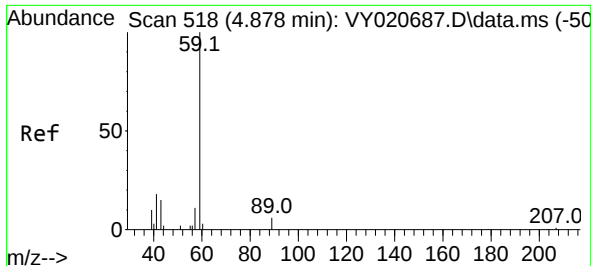
Tgt Ion:101 Resp: 9745
Ion Ratio Lower Upper
101 100
85 46.4 38.2 57.2
151 86.1 68.4 102.6



#10
Methyl Iodide
Concen: 9.993 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.006 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion:142 Resp: 9549
Ion Ratio Lower Upper
142 100
127 60.9 48.8 73.2
141 15.6 11.9 17.9





#11

Tert butyl alcohol

Concen: 45.628 ug/l

RT: 4.872 min Scan# 518

Delta R.T. -0.006 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

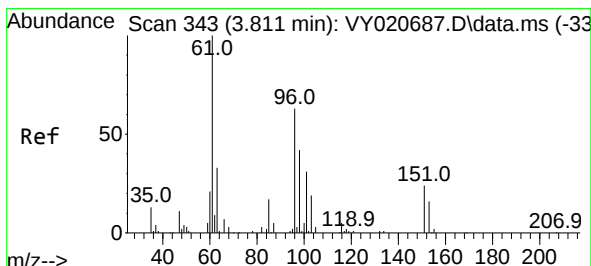
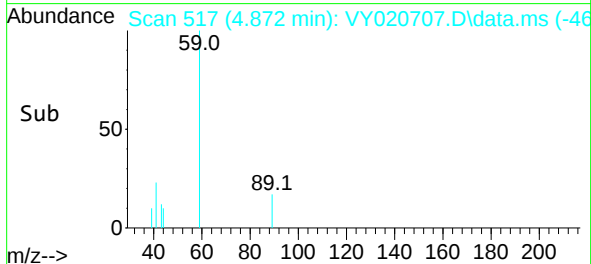
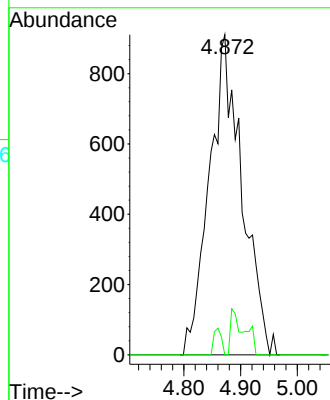
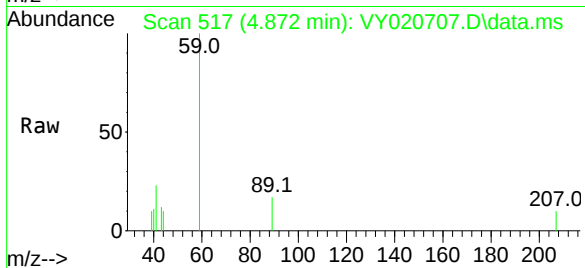
VSTDICC010

Tgt Ion: 59 Resp: 3641

Ion Ratio Lower Upper

59 100

57 3.8 2.8 4.2



#12

1,1-Dichloroethene

Concen: 10.503 ug/l

RT: 3.811 min Scan# 343

Delta R.T. 0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

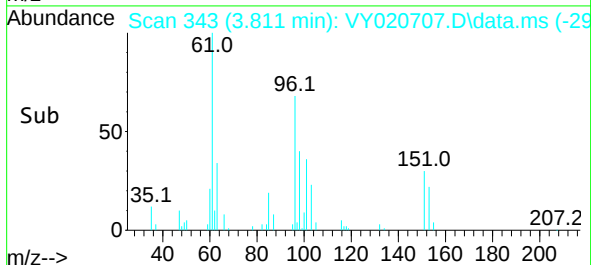
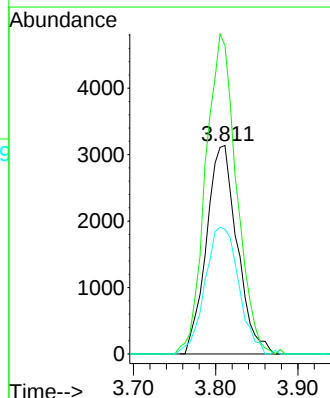
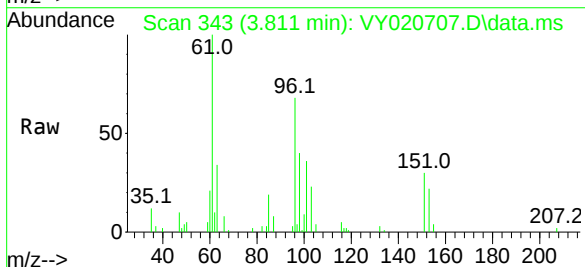
Tgt Ion: 96 Resp: 8169

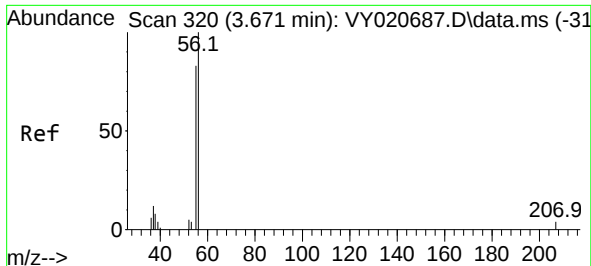
Ion Ratio Lower Upper

96 100

61 145.8 127.1 190.7

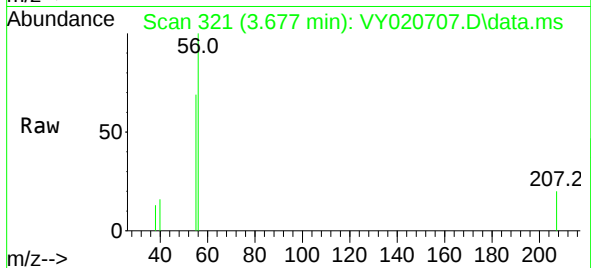
98 59.8 53.4 80.0



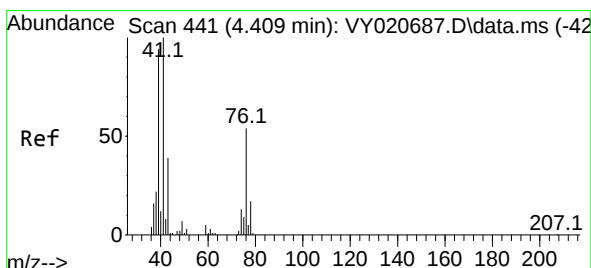
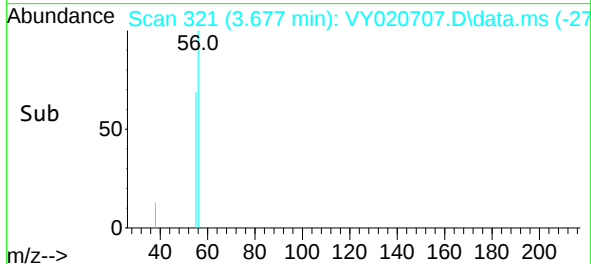
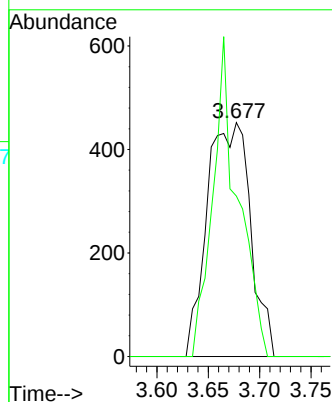


#13
Acrolein
Concen: 67.996 ug/l
RT: 3.677 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

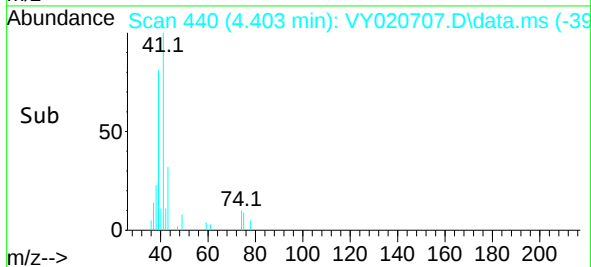
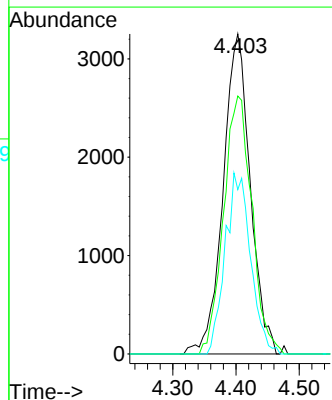
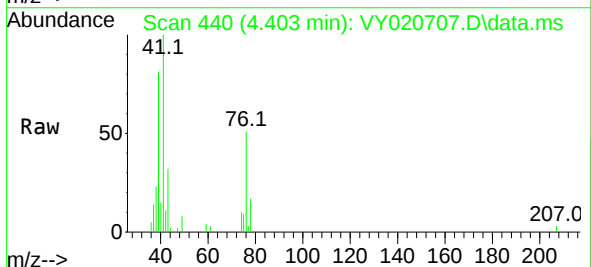


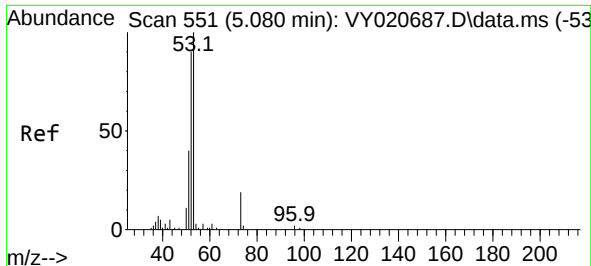
Tgt Ion: 56 Resp: 1325
Ion Ratio Lower Upper
56 100
55 79.7 57.0 85.4



#14
Allyl chloride
Concen: 10.632 ug/l
RT: 4.403 min Scan# 440
Delta R.T. -0.006 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

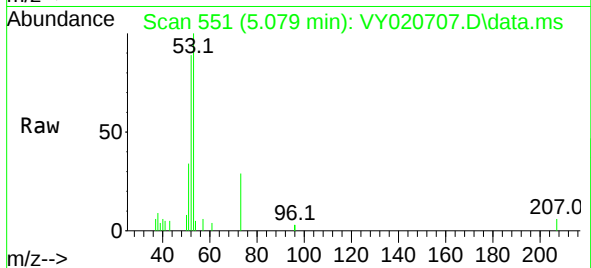
Tgt Ion: 41 Resp: 9677
Ion Ratio Lower Upper
41 100
39 84.1 73.5 110.3
76 52.9 41.8 62.8





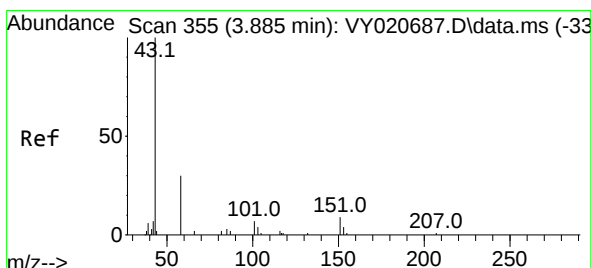
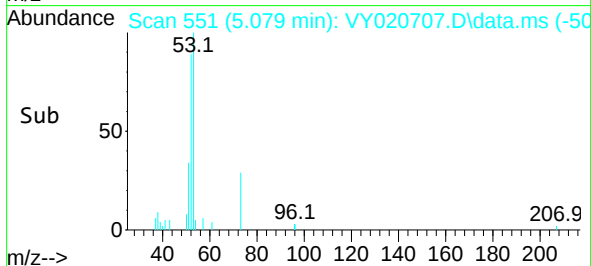
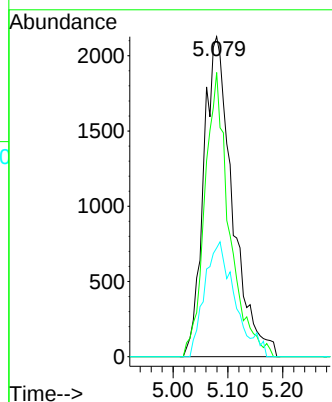
#15
Acrylonitrile
Concen: 52.760 ug/l
RT: 5.079 min Scan# 51
Delta R.T. -0.001 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 7720

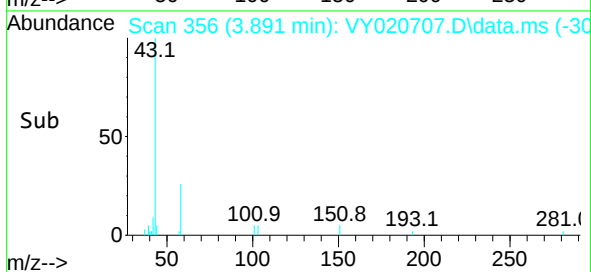
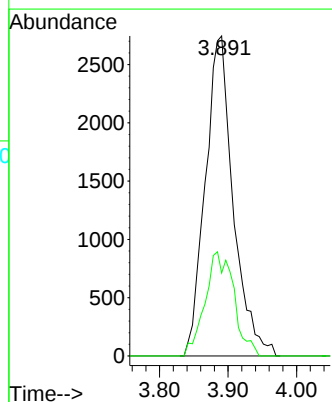
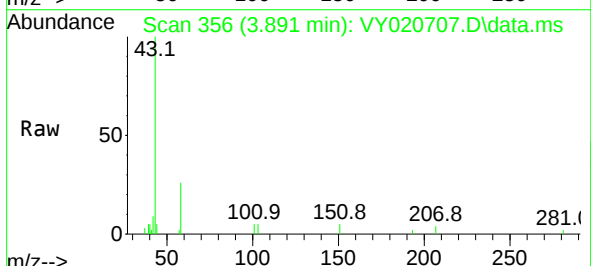
Ion	Ratio	Lower	Upper
53	100		
52	76.3	67.1	100.7
51	38.0	31.4	47.0

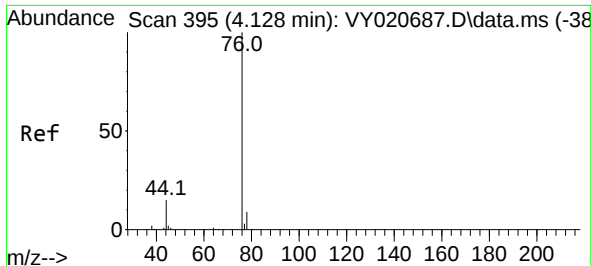


#16
Acetone
Concen: 65.764 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.006 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion: 43 Resp: 7777

Ion	Ratio	Lower	Upper
43	100		
58	26.0	25.0	37.6





#17

Carbon Disulfide

Concen: 10.187 ug/l

RT: 4.122 min Scan# 395

Delta R.T. -0.006 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

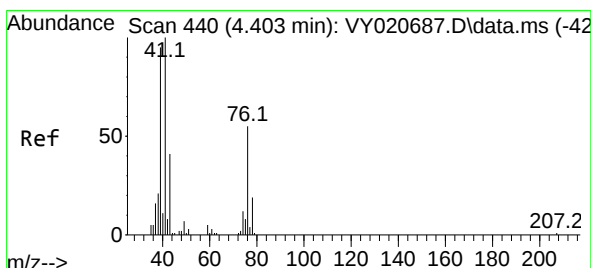
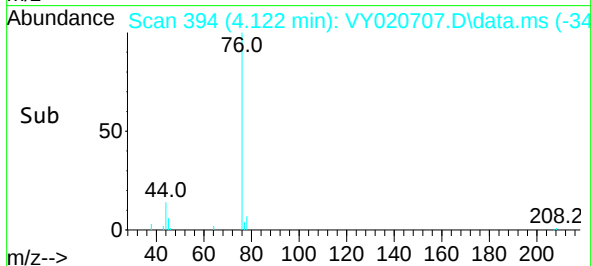
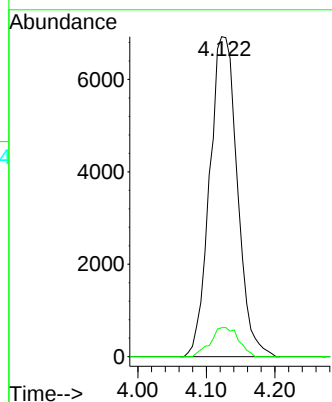
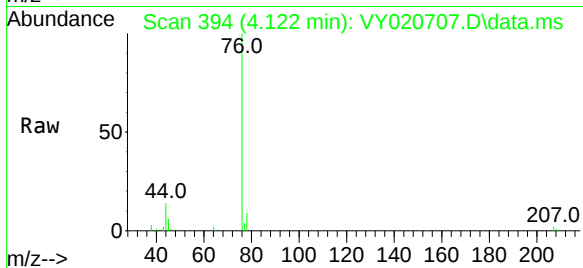
VSTDICC010

Tgt Ion: 76 Resp: 19437

Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3



#18

Methyl Acetate

Concen: 10.992 ug/l

RT: 4.397 min Scan# 439

Delta R.T. -0.006 min

Lab File: VY020707.D

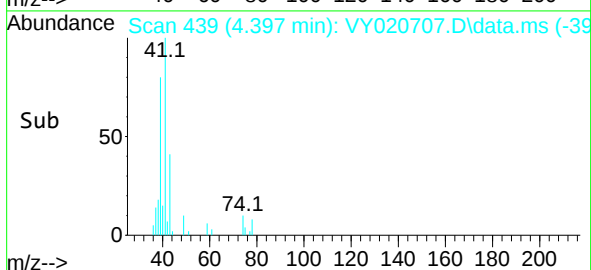
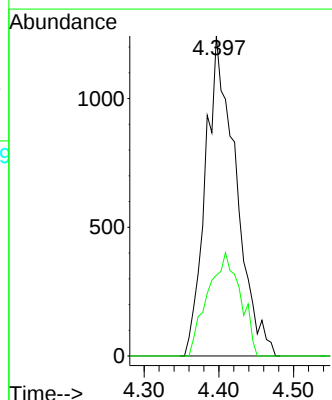
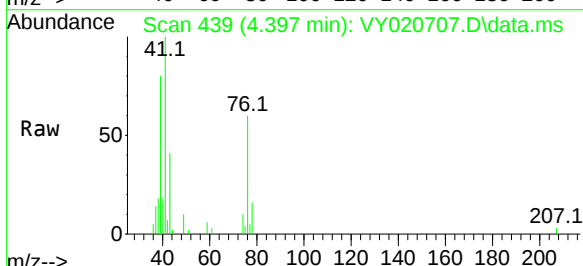
Acq: 26 Dec 2024 09:53

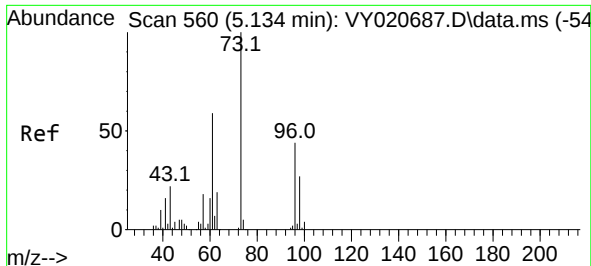
Tgt Ion: 43 Resp: 3518

Ion Ratio Lower Upper

43 100

74 34.4 25.3 37.9

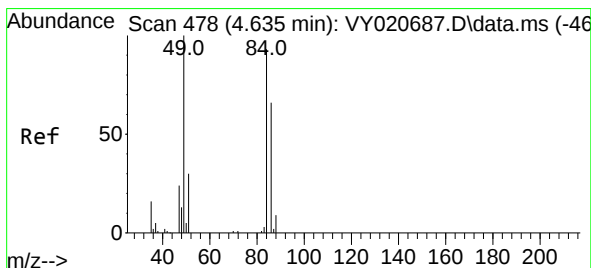
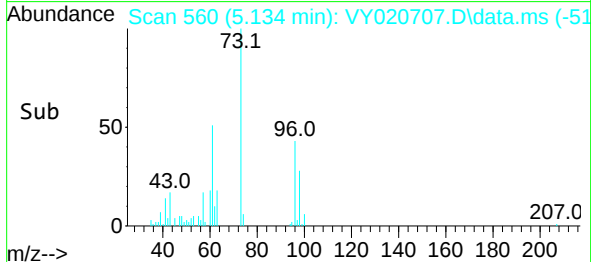
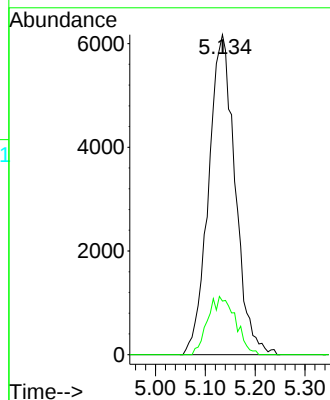
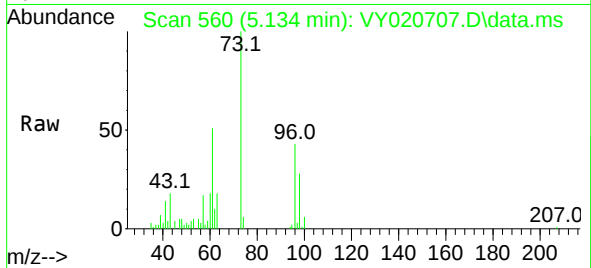




#19
Methyl tert-butyl Ether
Concen: 10.545 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

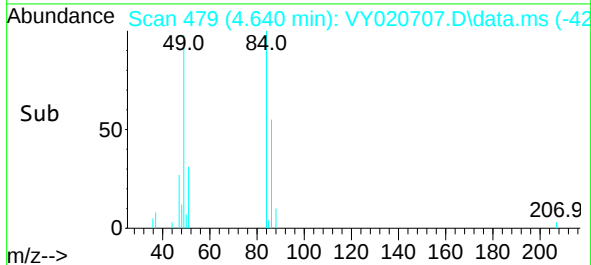
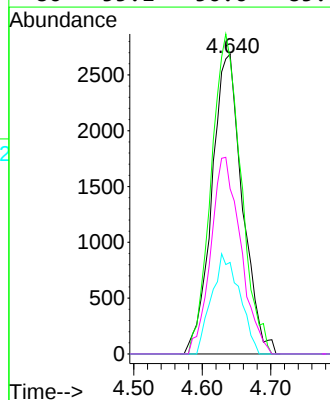
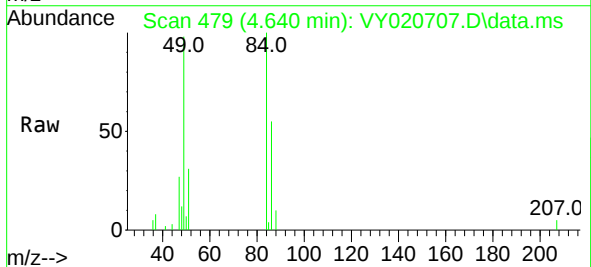
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

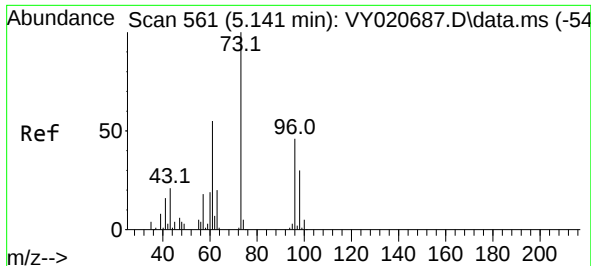
Tgt Ion: 73 Resp: 22860
Ion Ratio Lower Upper
73 100
57 16.7 14.4 21.6



#20
Methylene Chloride
Concen: 10.812 ug/l
RT: 4.640 min Scan# 479
Delta R.T. 0.005 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion: 84 Resp: 8316
Ion Ratio Lower Upper
84 100
49 98.3 86.4 129.6
51 30.5 25.5 38.3
86 55.1 56.6 85.0#

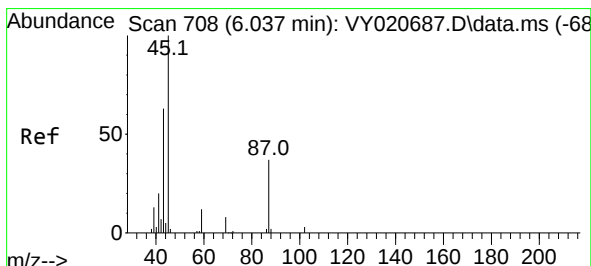
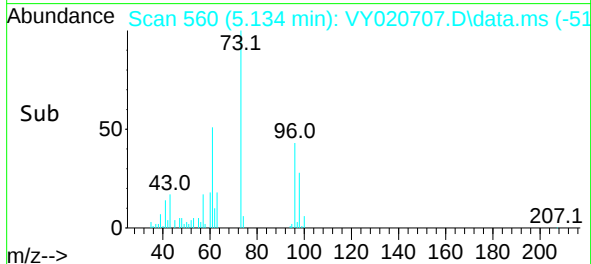
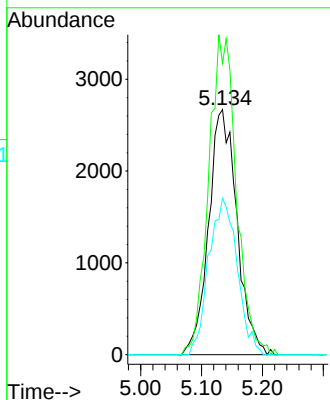
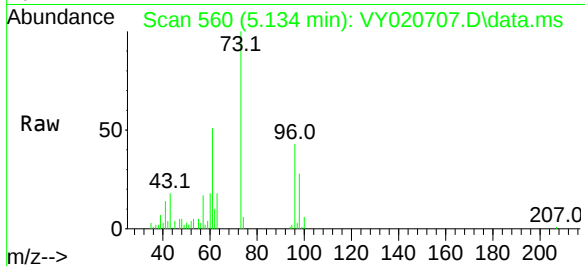




#21
trans-1,2-Dichloroethene
Concen: 10.261 ug/l
RT: 5.134 min Scan# 50
Delta R.T. -0.007 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

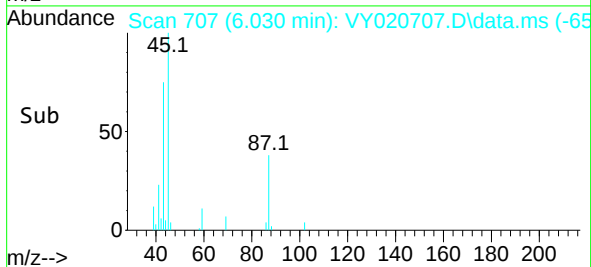
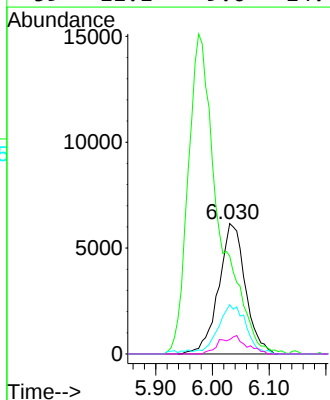
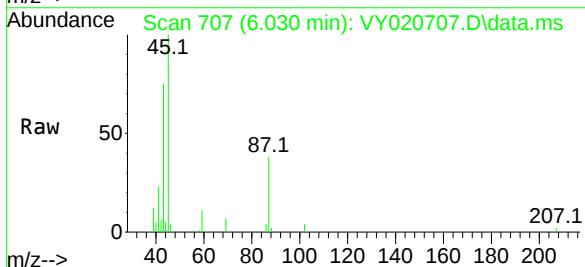
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

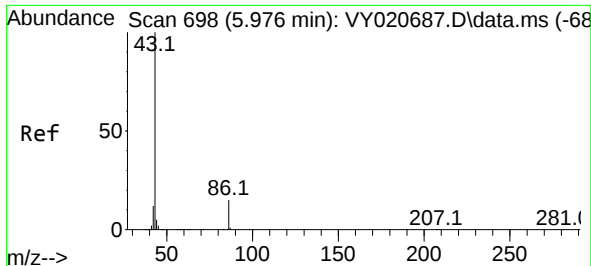
Tgt Ion: 96 Resp: 8600
Ion Ratio Lower Upper
96 100
61 118.9 96.1 144.1
98 63.8 52.7 79.1



#22
Diisopropyl ether
Concen: 10.869 ug/l
RT: 6.030 min Scan# 707
Delta R.T. -0.007 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion: 45 Resp: 20110
Ion Ratio Lower Upper
45 100
43 73.2 51.3 76.9
87 37.8 30.6 46.0
59 11.1 9.6 14.4

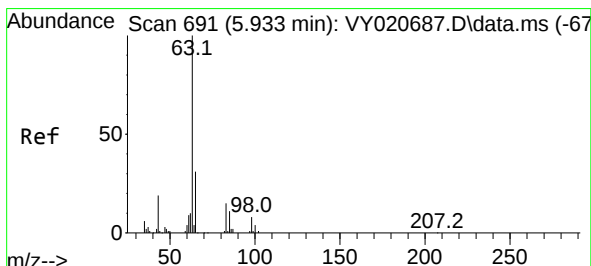
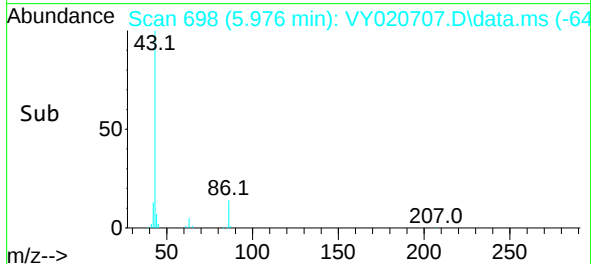
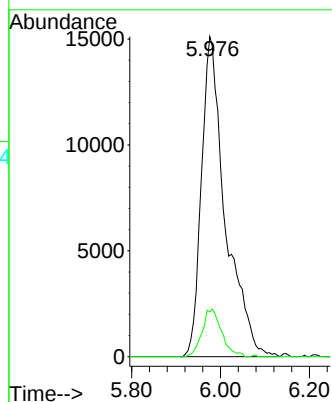
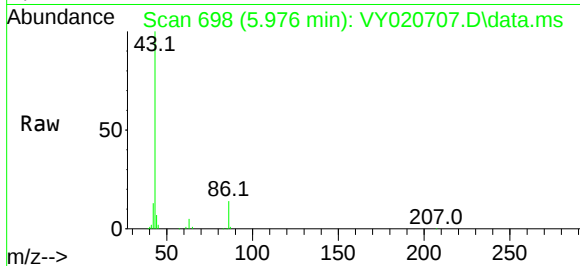




#23
 Vinyl Acetate
 Concen: 51.276 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY020707.D
 Acq: 26 Dec 2024 09:53

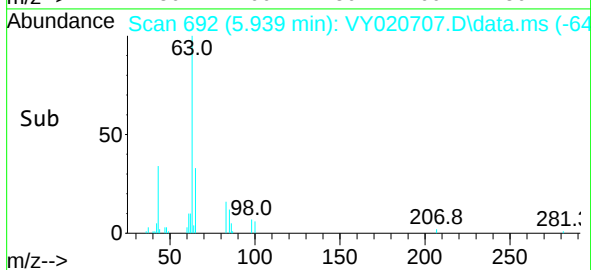
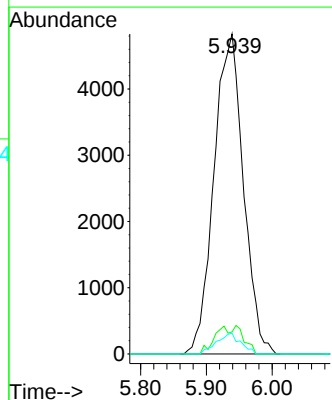
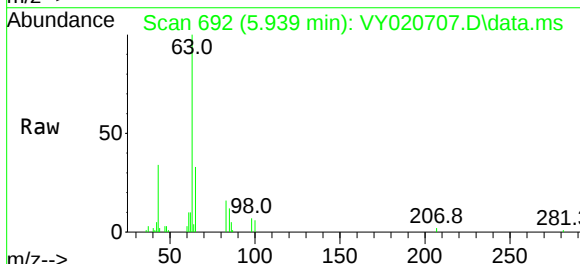
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

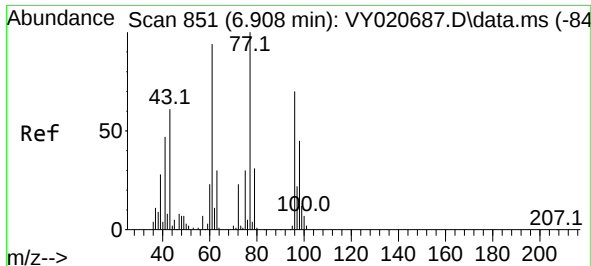
Tgt Ion: 43 Resp: 56669
 Ion Ratio Lower Upper
 43 100
 86 14.0 12.0 18.0



#24
 1,1-Dichloroethane
 Concen: 10.838 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY020707.D
 Acq: 26 Dec 2024 09:53

Tgt Ion: 63 Resp: 15035
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.0
 100 6.5 2.1 6.2#

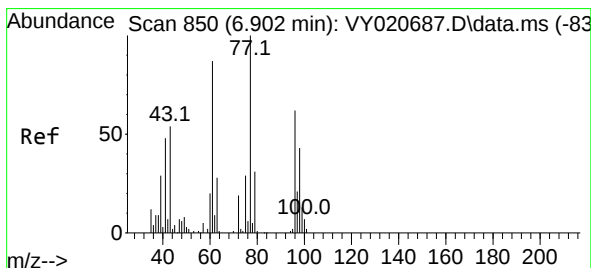
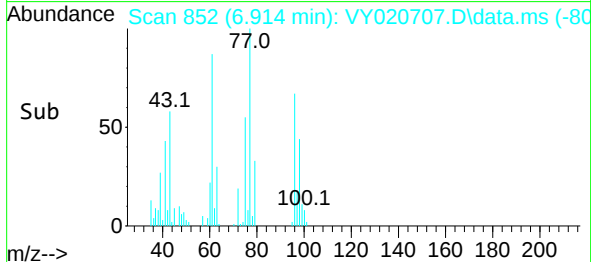
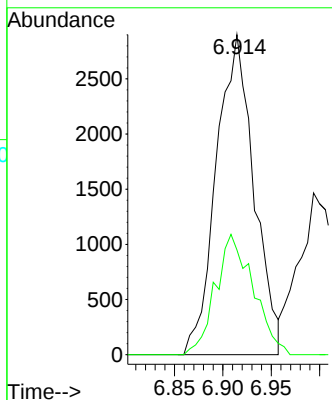
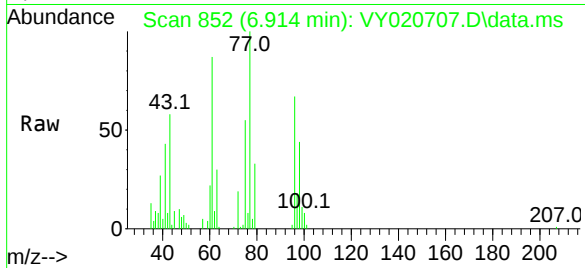




#25
2-Butanone
Concen: 49.191 ug/l
RT: 6.914 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

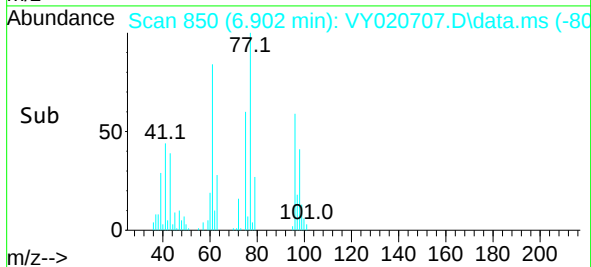
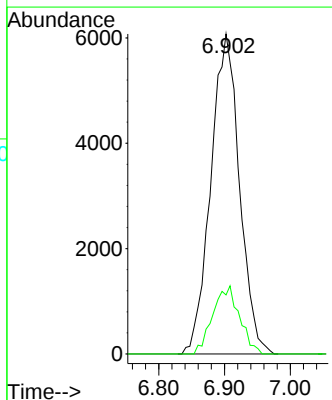
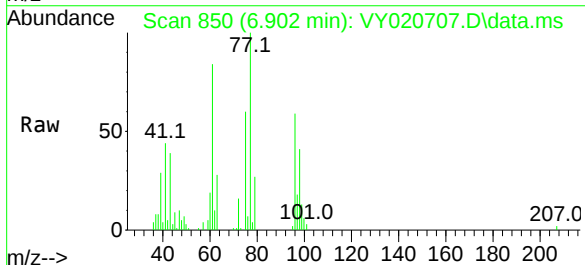
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

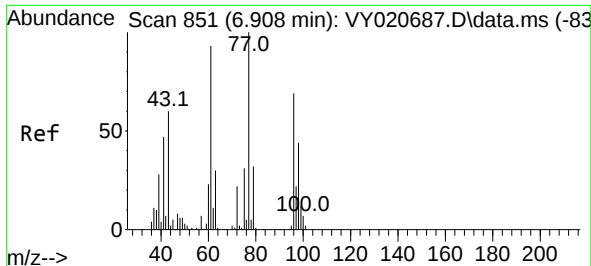
Tgt Ion: 43 Resp: 7858
Ion Ratio Lower Upper
43 100
72 32.7 29.5 44.3



#26
2,2-Dichloropropane
Concen: 10.868 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion: 77 Resp: 18453
Ion Ratio Lower Upper
77 100
97 19.8 10.8 32.4

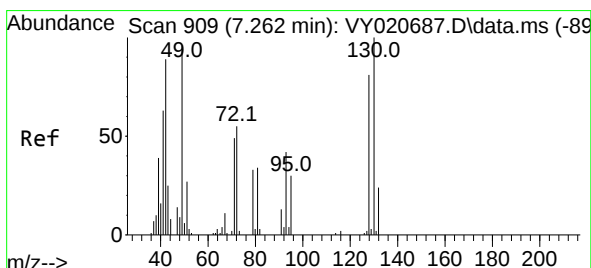
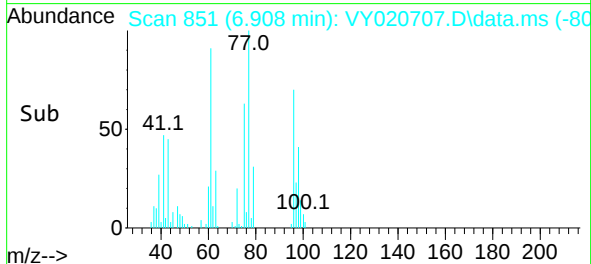
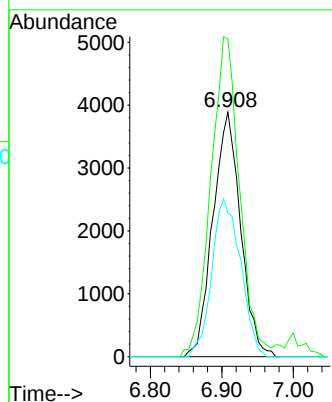
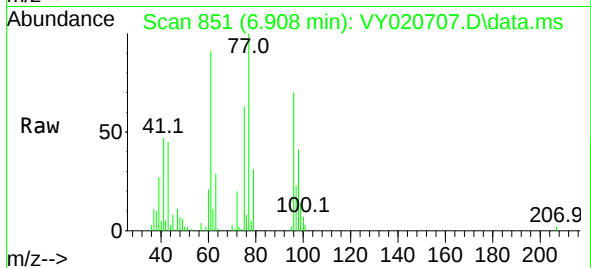




#27
 cis-1,2-Dichloroethene
 Concen: 10.425 ug/l
 RT: 6.908 min Scan# 851
 Delta R.T. 0.000 min
 Lab File: VY020707.D
 Acq: 26 Dec 2024 09:53

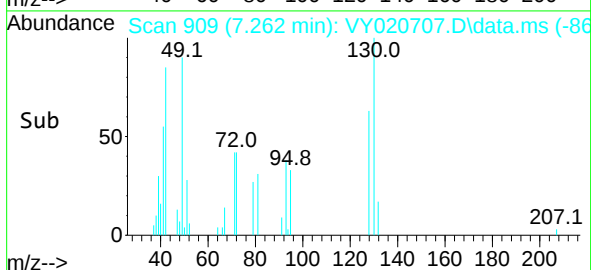
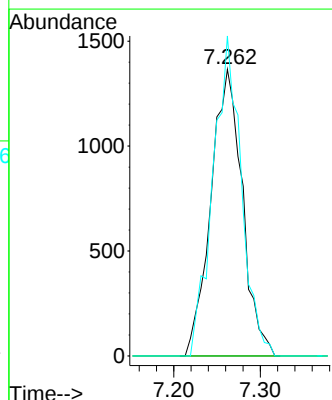
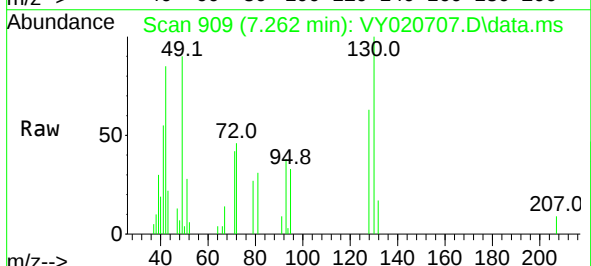
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

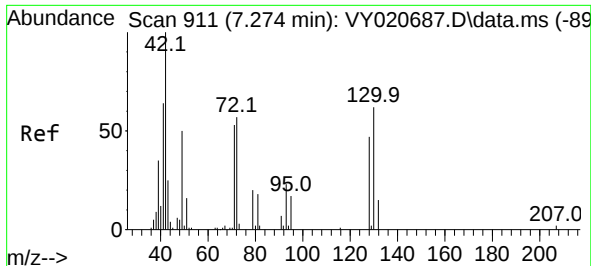
Tgt Ion: 96 Resp: 10464
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 277.2
 98 66.9 0.0 131.0



#28
 Bromochloromethane
 Concen: 9.369 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. -0.000 min
 Lab File: VY020707.D
 Acq: 26 Dec 2024 09:53

Tgt Ion: 49 Resp: 3437
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 5.4
 130 101.0 87.2 130.8

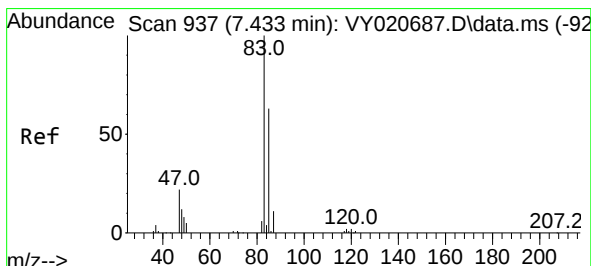
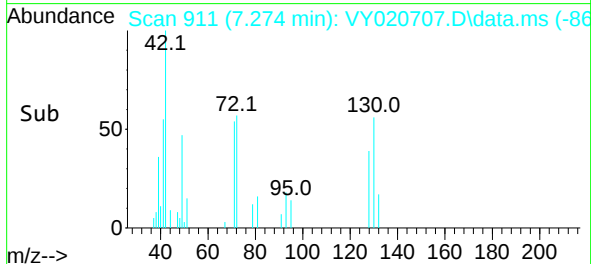
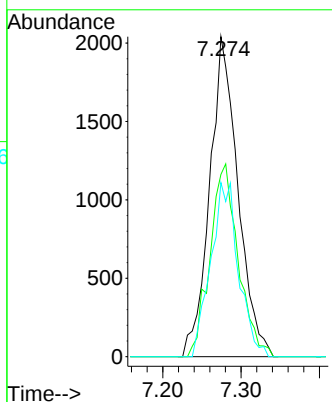
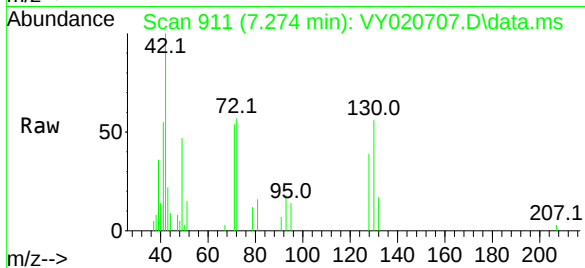




#29
Tetrahydrofuran
Concen: 52.267 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

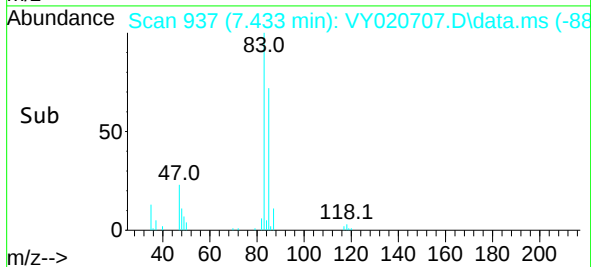
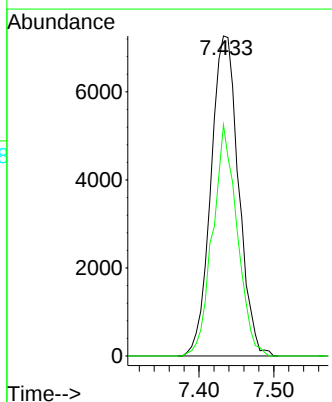
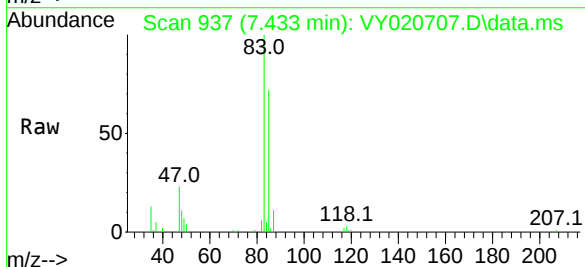
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

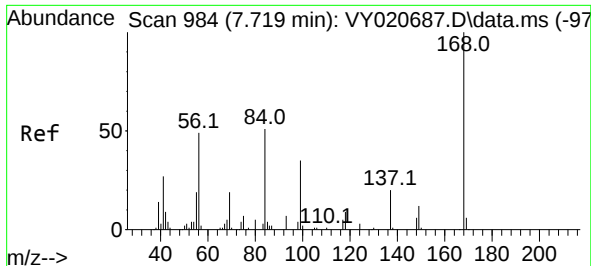
Tgt Ion:	42	Resp:	5125
Ion	Ratio	Lower	Upper
42	100		
72	60.2	47.4	71.0
71	53.4	42.8	64.2



#30
Chloroform
Concen: 10.474 ug/l
RT: 7.433 min Scan# 937
Delta R.T. -0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion:	83	Resp:	18692
Ion	Ratio	Lower	Upper
83	100		
85	72.2	50.2	75.2

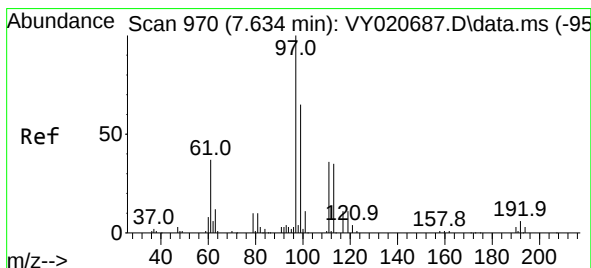
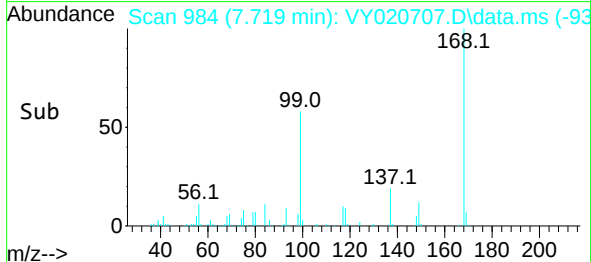
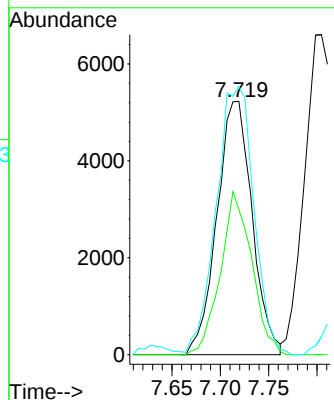
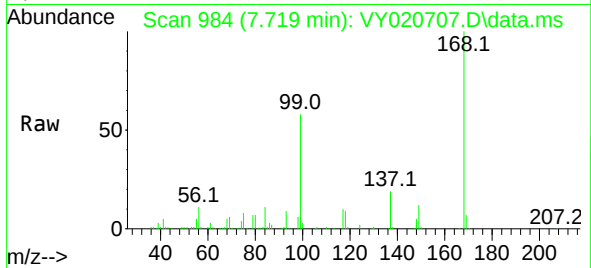




#31
Cyclohexane
Concen: 11.072 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

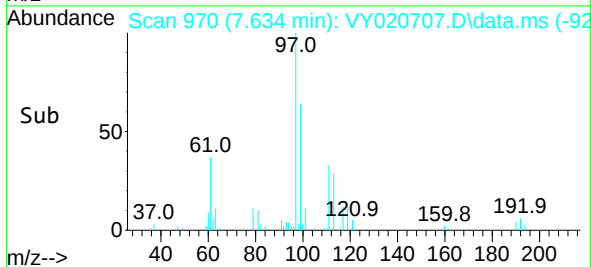
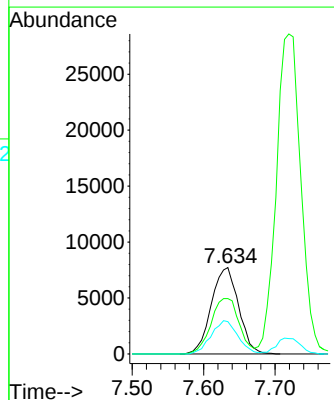
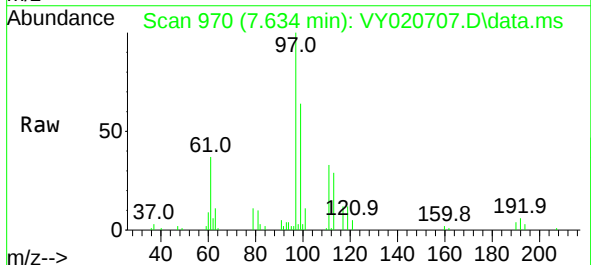
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

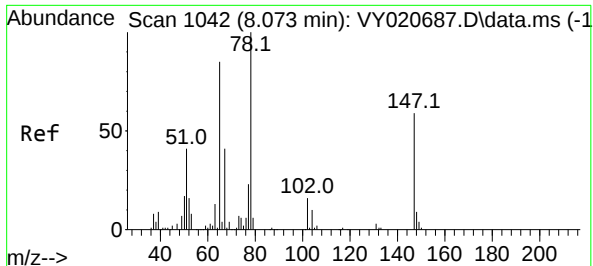
Tgt Ion: 56 Resp: 13258
Ion Ratio Lower Upper
56 100
69 57.3 31.3 46.9#
84 104.8 83.9 125.9



#32
1,1,1-Trichloroethane
Concen: 10.668 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion: 97 Resp: 20406
Ion Ratio Lower Upper
97 100
99 66.3 51.0 76.6
61 37.6 30.0 45.0





#33

1,2-Dichloroethane-d4

Concen: 9.814 ug/l

RT: 8.073 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

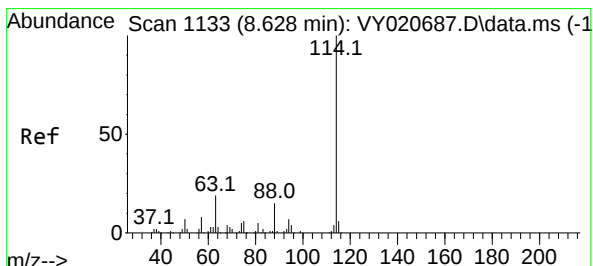
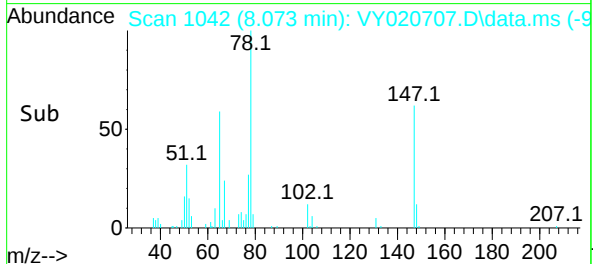
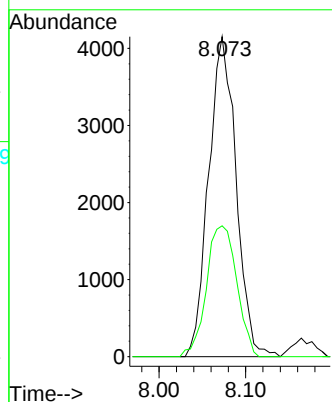
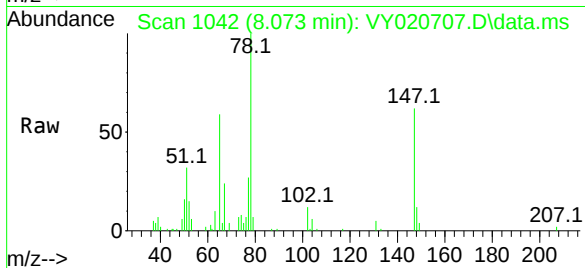
VSTDIC010

Tgt Ion: 65 Resp: 9148

Ion Ratio Lower Upper

65 100

67 45.1 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.007 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

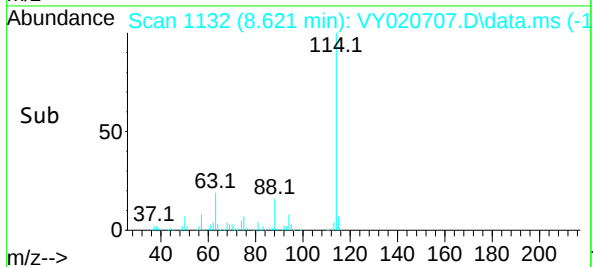
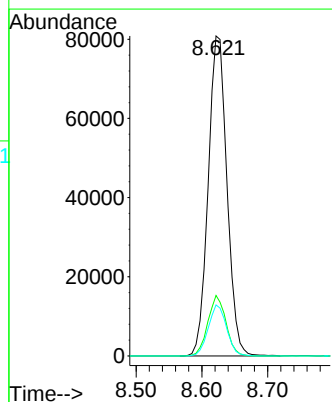
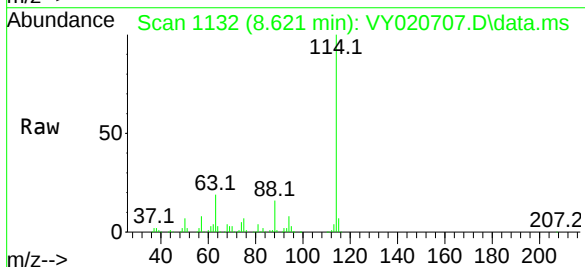
Tgt Ion: 114 Resp: 160513

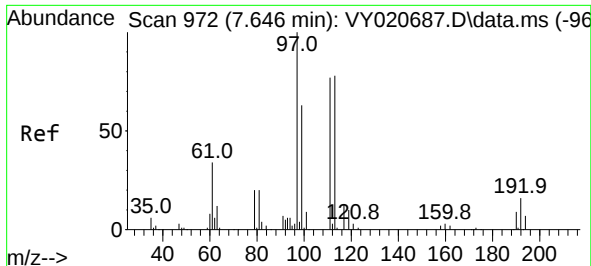
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 16.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 9.966 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

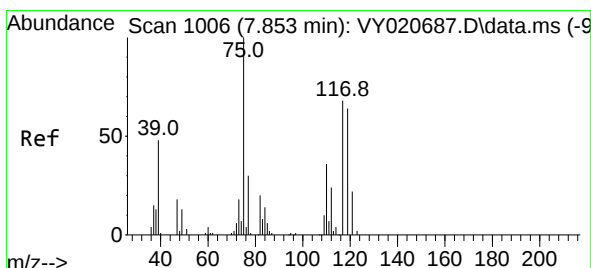
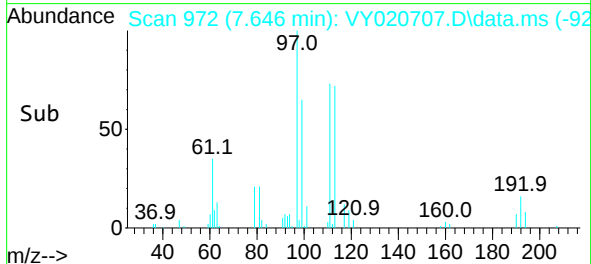
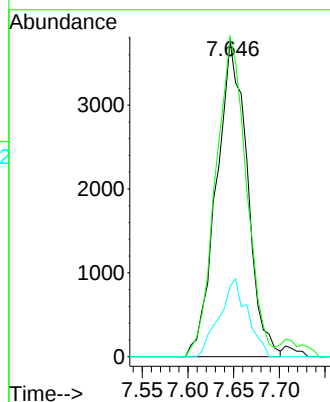
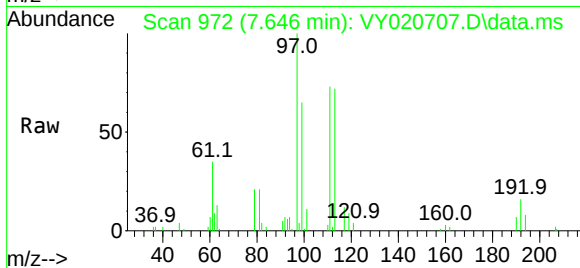
Tgt Ion:113 Resp: 8811

Ion Ratio Lower Upper

113 100

111 101.3 79.8 119.8

192 22.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 10.790 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. -0.006 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

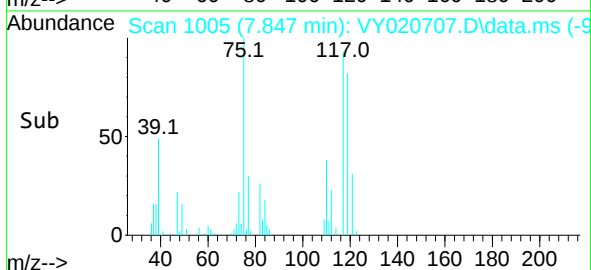
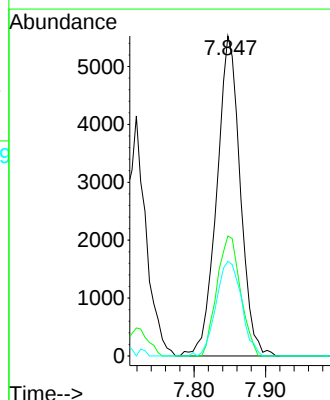
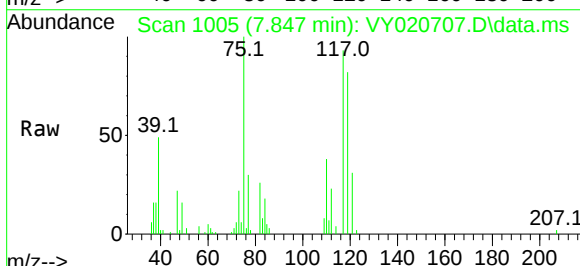
Tgt Ion: 75 Resp: 12601

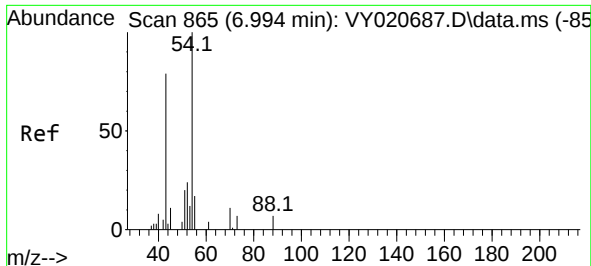
Ion Ratio Lower Upper

75 100

110 37.7 19.6 58.7

77 31.8 25.1 37.7

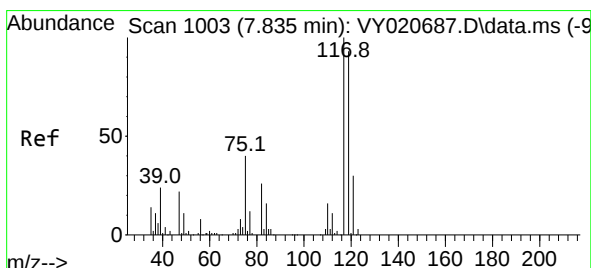
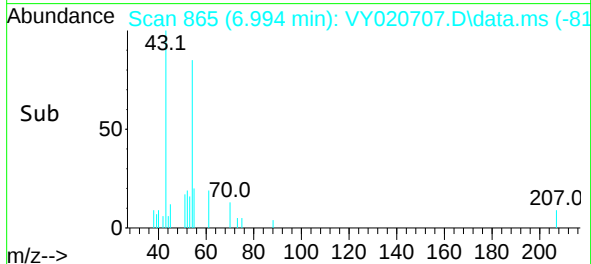
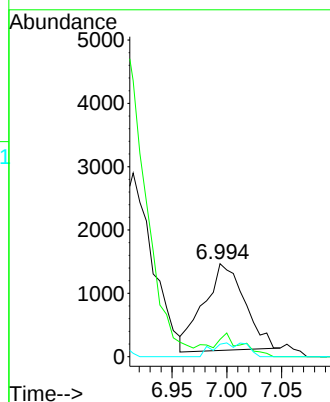
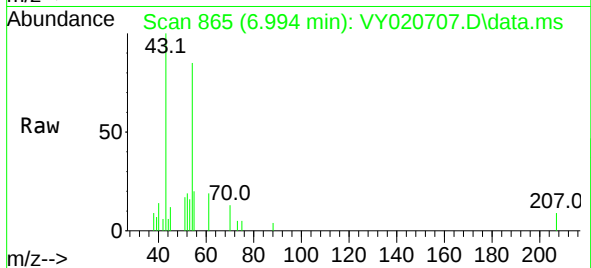




#37
Ethyl Acetate
Concen: 9.217 ug/l
RT: 6.994 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

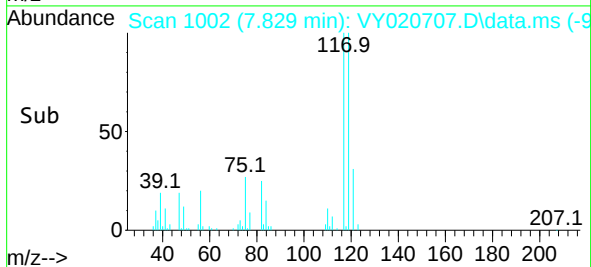
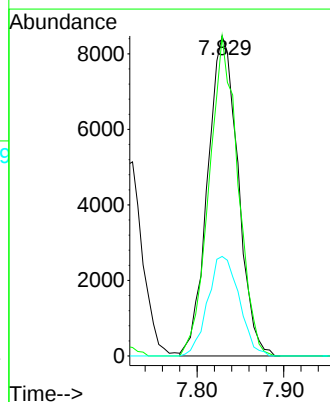
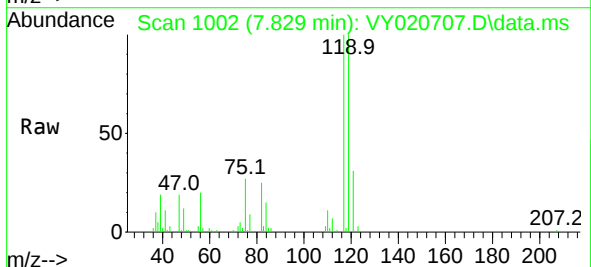
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

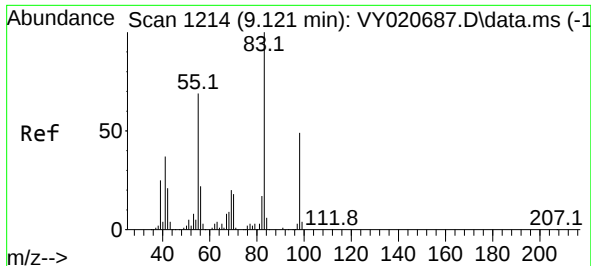
Tgt Ion:	43	Resp:	3547
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.7	17.5
70	13.5	11.0	16.4



#38
Carbon Tetrachloride
Concen: 10.755 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion:	117	Resp:	20683
Ion	Ratio	Lower	Upper
117	100		
119	100.0	74.4	111.6
121	31.1	24.2	36.2





#39

Methylcyclohexane

Concen: 10.353 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

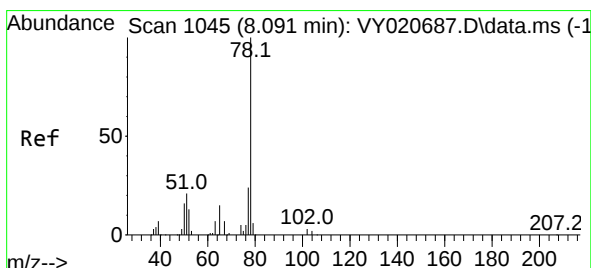
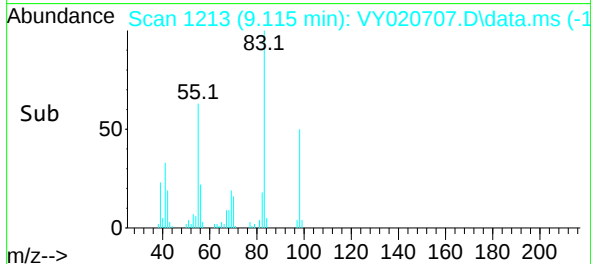
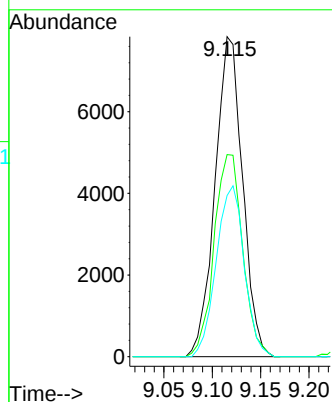
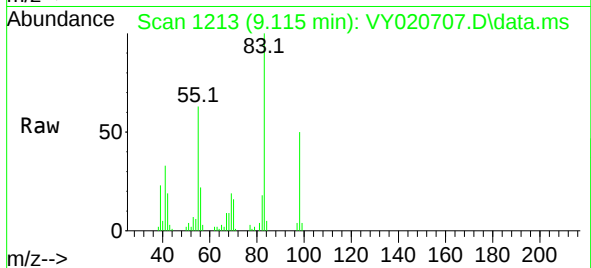
Tgt Ion: 83 Resp: 15497

Ion Ratio Lower Upper

83 100

55 63.2 55.0 82.4

98 50.4 39.0 58.6



#40

Benzene

Concen: 10.473 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020707.D

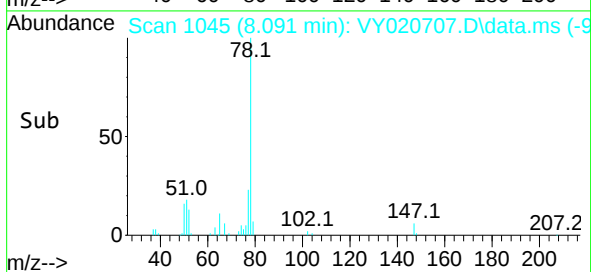
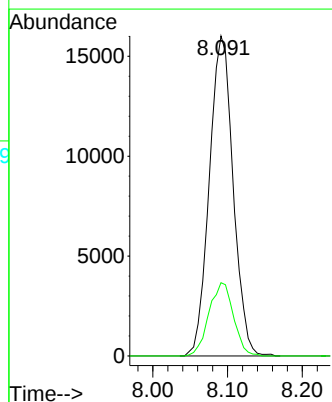
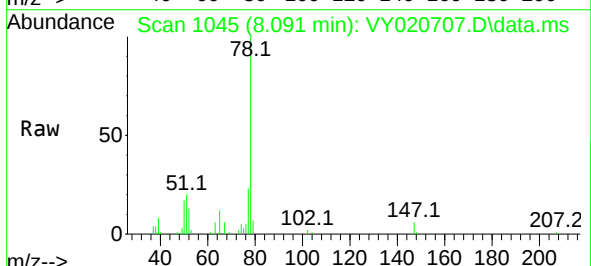
Acq: 26 Dec 2024 09:53

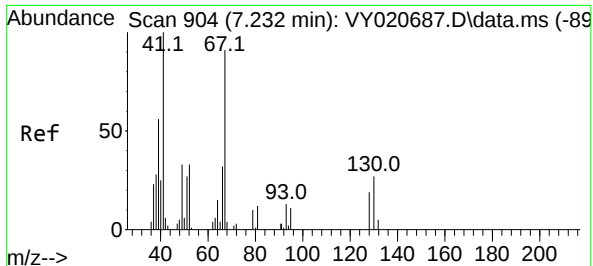
Tgt Ion: 78 Resp: 35447

Ion Ratio Lower Upper

78 100

77 22.9 19.2 28.8

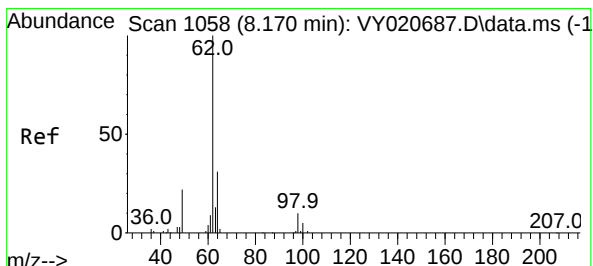
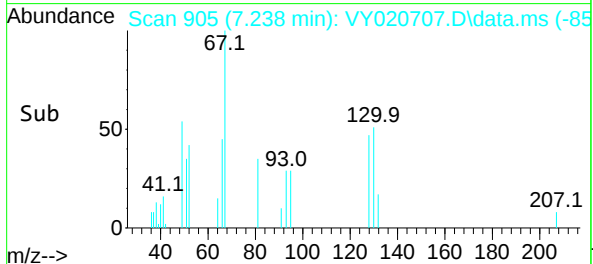
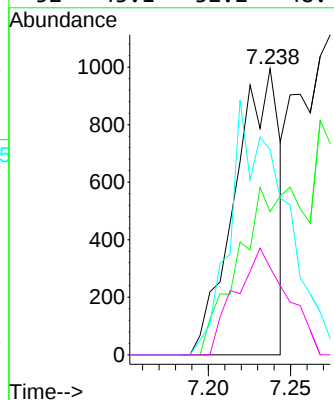
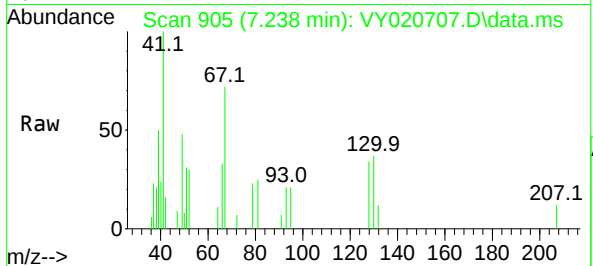




#41
Methacrylonitrile
Concen: 9.650 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

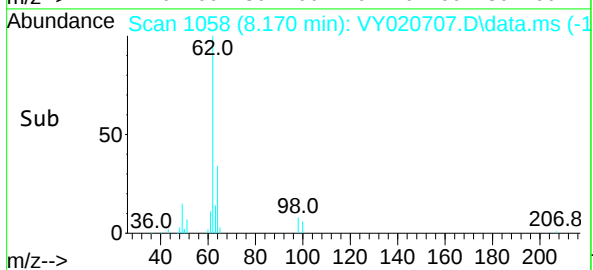
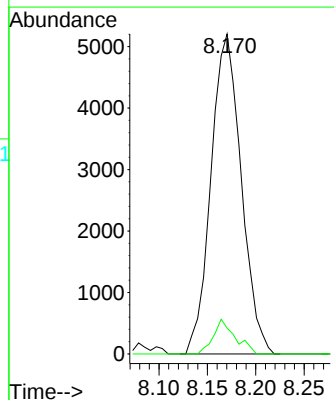
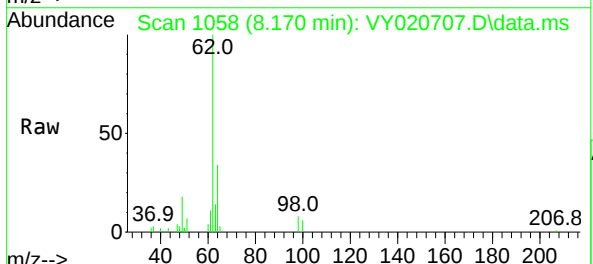
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

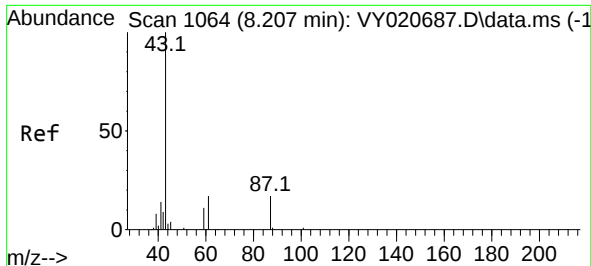
Tgt Ion: 41 Resp: 1876
Ion Ratio Lower Upper
41 100
39 0.0 46.6 70.0#
67 108.0 74.7 112.1
52 43.1 32.2 48.4



#42
1,2-Dichloroethane
Concen: 10.424 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion: 62 Resp: 11313
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.6

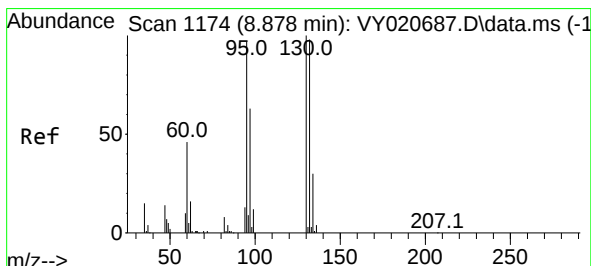
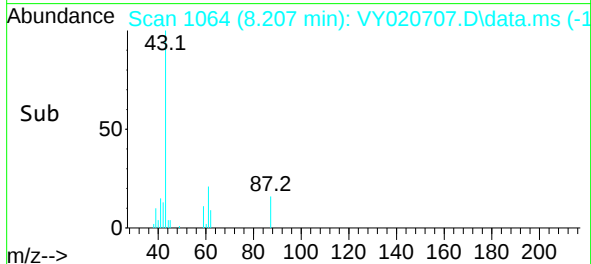
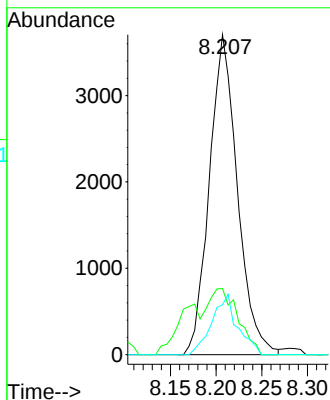
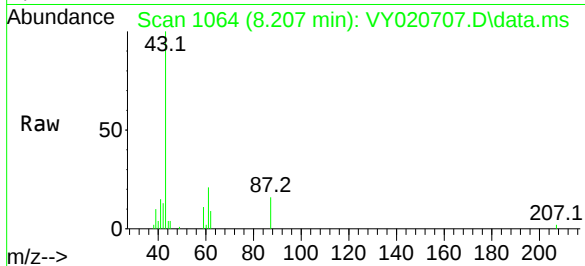




#43
Isopropyl Acetate
Concen: 9.664 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

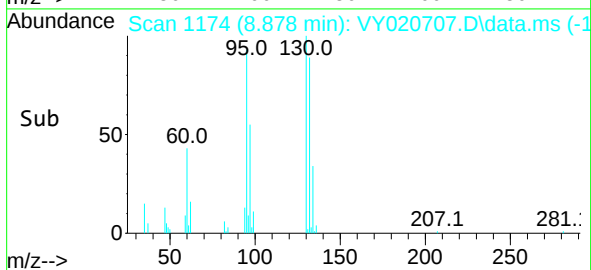
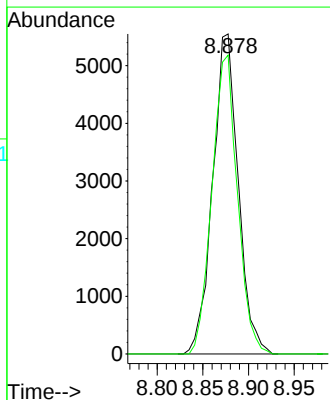
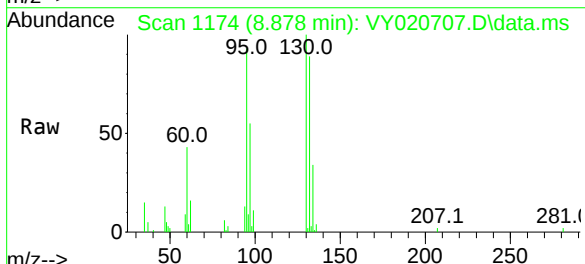
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

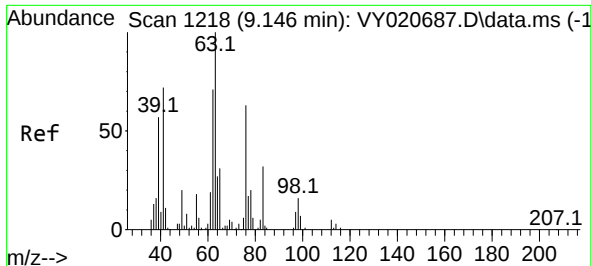
Tgt Ion: 43 Resp: 7905
Ion Ratio Lower Upper
43 100
61 22.6 27.0 40.4#
87 17.3 14.2 21.4



#44
Trichloroethene
Concen: 10.673 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion: 130 Resp: 10790
Ion Ratio Lower Upper
130 100
95 93.4 0.0 194.8





#45

1,2-Dichloropropane

Concen: 10.767 ug/l

RT: 9.146 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

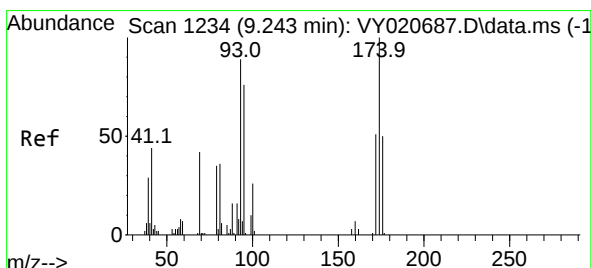
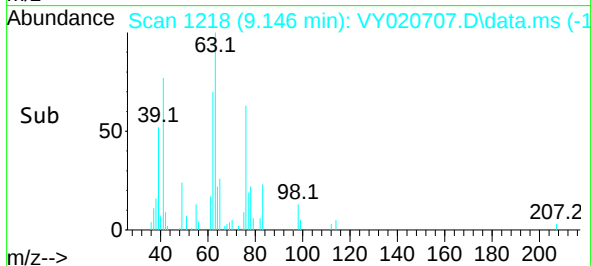
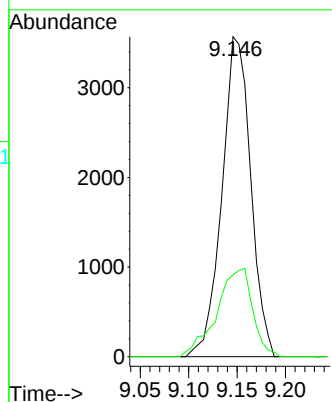
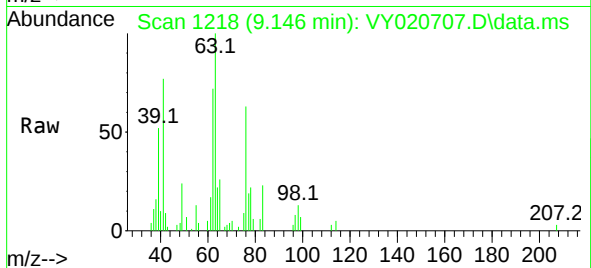
VSTDICC010

Tgt Ion: 63 Resp: 7377

Ion Ratio Lower Upper

63 100

65 25.6 24.6 36.8



#46

Dibromomethane

Concen: 10.336 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

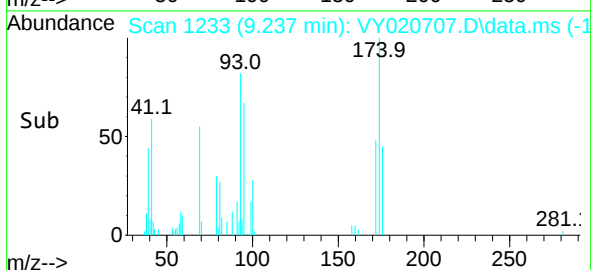
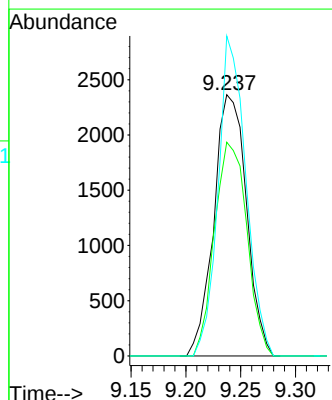
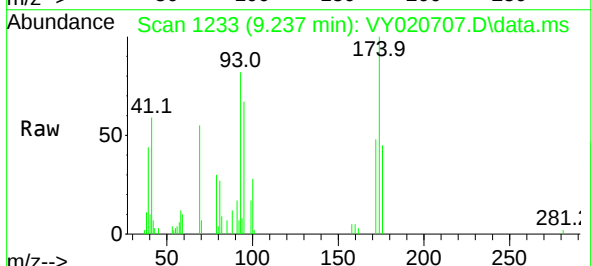
Tgt Ion: 93 Resp: 4900

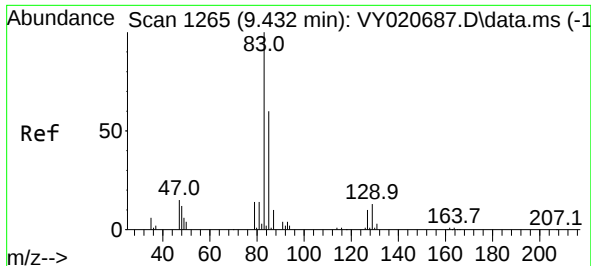
Ion Ratio Lower Upper

93 100

95 80.9 67.8 101.8

174 104.0 89.4 134.0

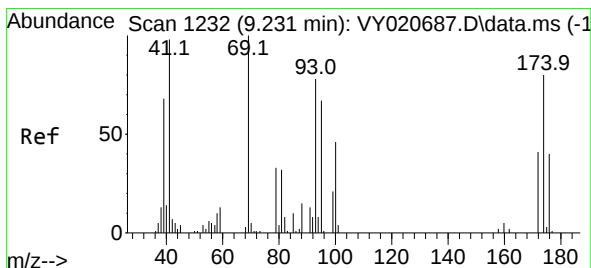
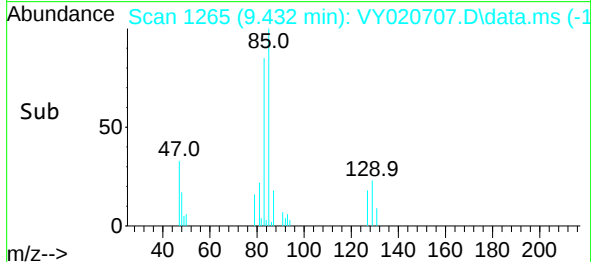
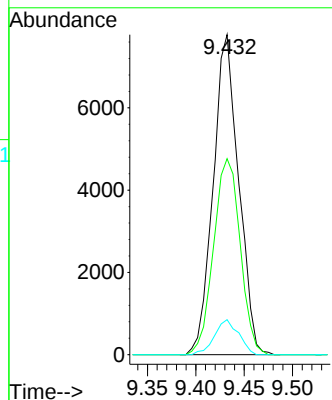
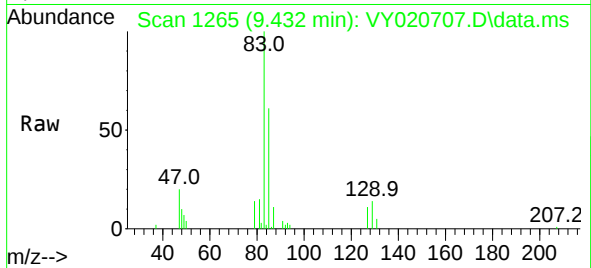




#47
Bromodichloromethane
Concen: 10.599 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

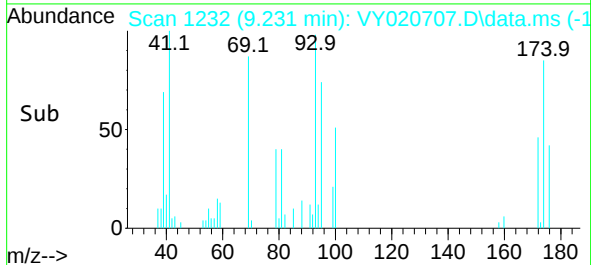
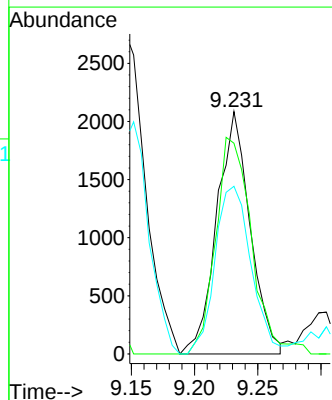
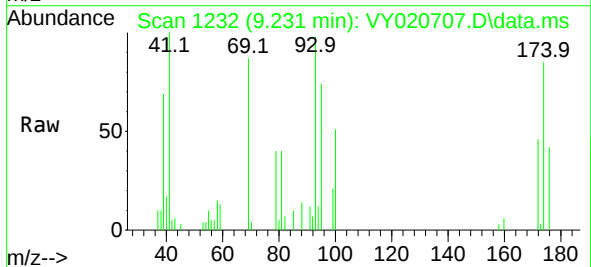
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

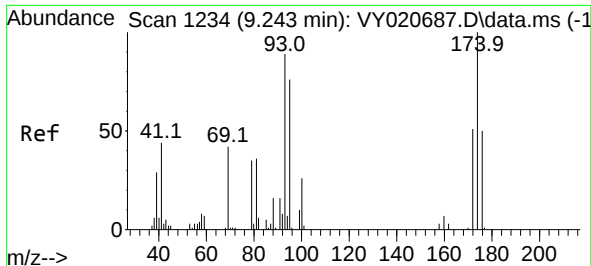
Tgt Ion: 83 Resp: 14245
Ion Ratio Lower Upper
83 100
85 61.2 47.6 71.4
127 11.0 7.9 11.9



#48
Methyl methacrylate
Concen: 10.018 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion: 41 Resp: 3827
Ion Ratio Lower Upper
41 100
69 96.4 83.1 124.7
39 74.5 57.3 85.9

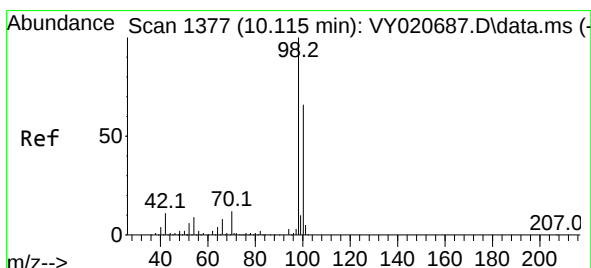
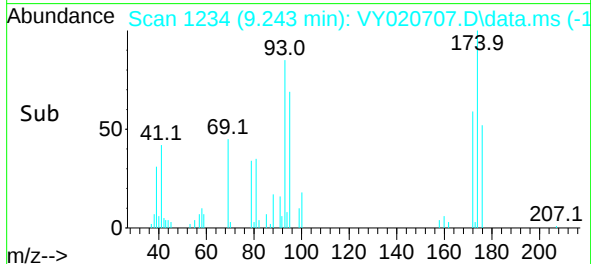
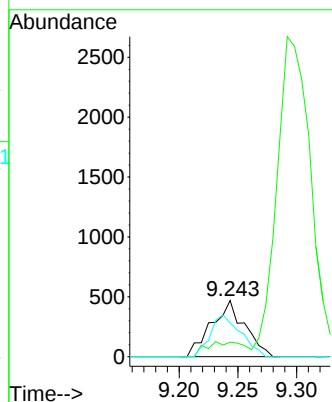
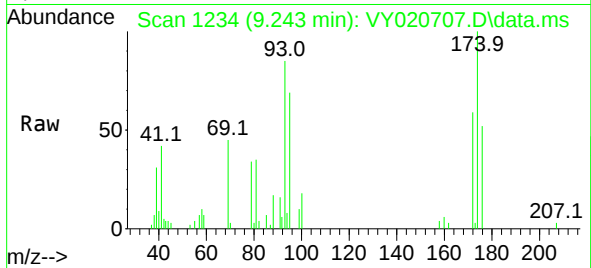




#49
1,4-Dioxane
Concen: 204.624 ug/l
RT: 9.243 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

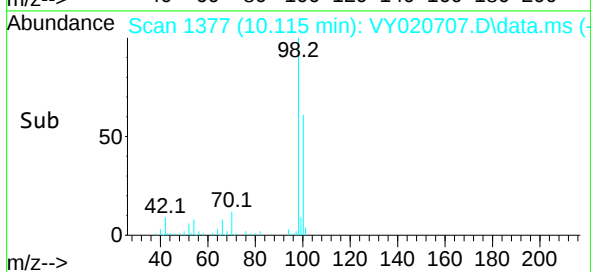
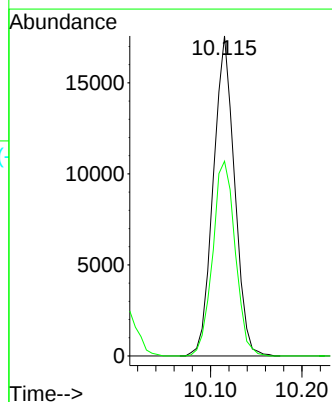
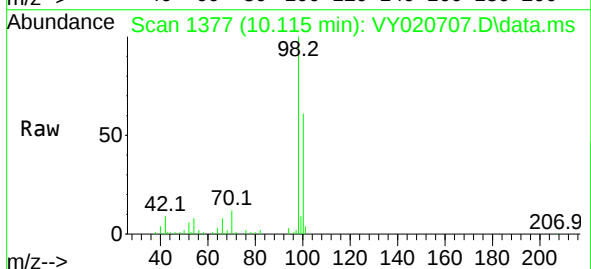
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

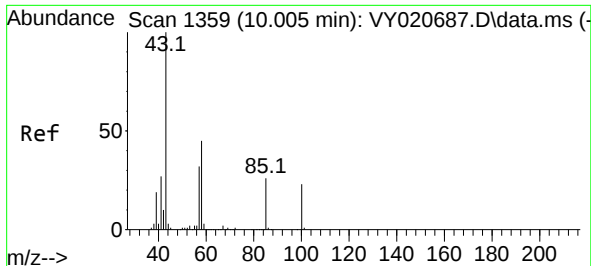
Tgt Ion: 88 Resp: 924
Ion Ratio Lower Upper
88 100
43 30.6 22.1 33.1
58 67.9 46.7 70.1



#50
Toluene-d8
Concen: 9.506 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion: 98 Resp: 28333
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4

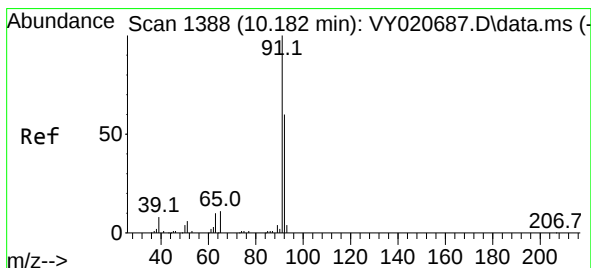
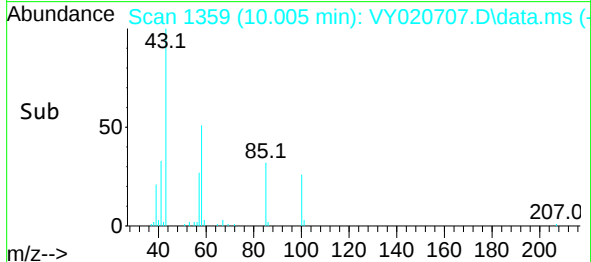
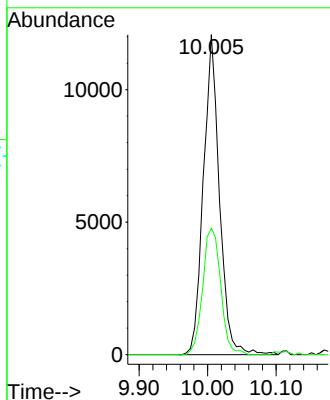
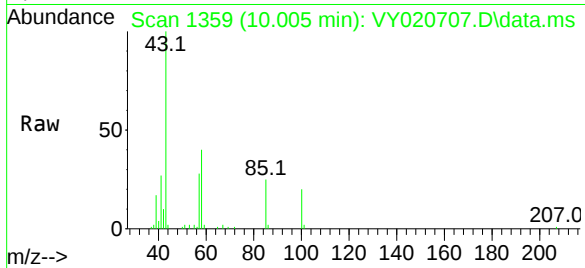




#51
4-Methyl-2-Pentanone
Concen: 49.951 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

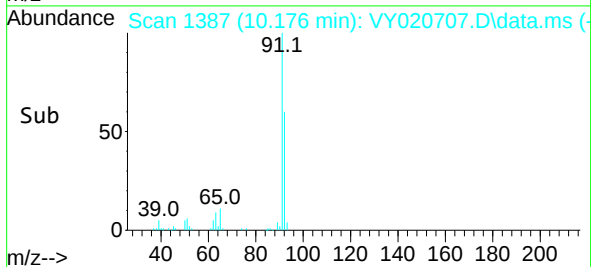
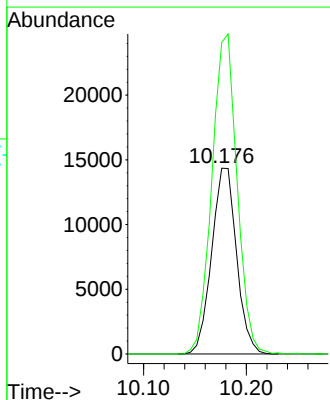
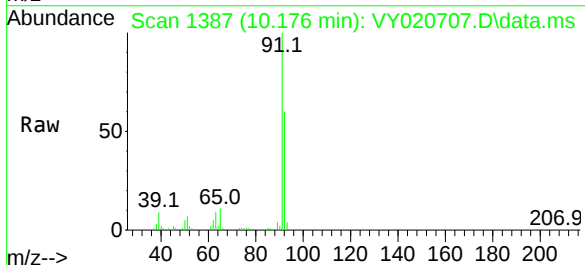
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

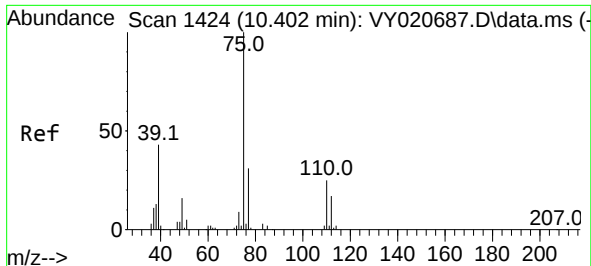
Tgt Ion: 43 Resp: 19722
Ion Ratio Lower Upper
43 100
58 44.2 35.1 52.7



#52
Toluene
Concen: 10.393 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion: 92 Resp: 24111
Ion Ratio Lower Upper
92 100
91 174.2 137.7 206.5

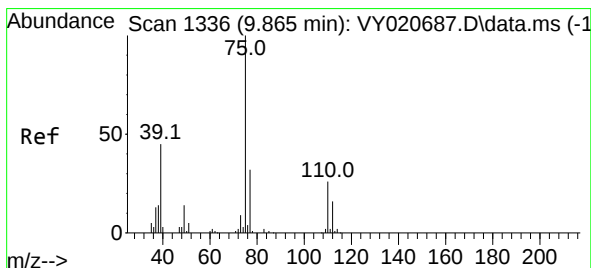
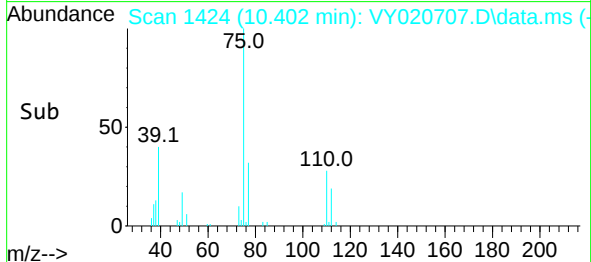
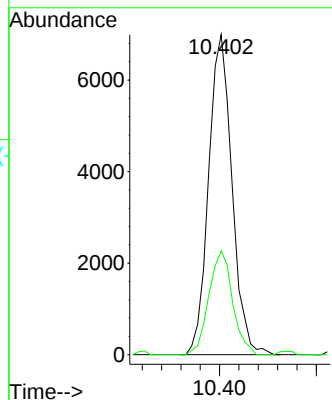
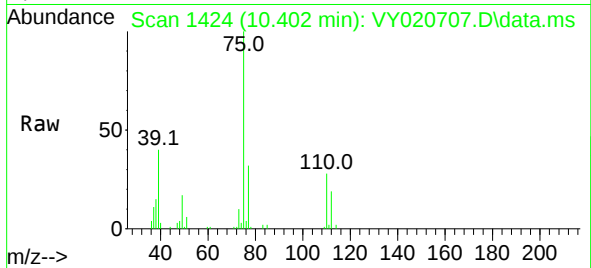




#53
 t-1,3-Dichloropropene
 Concen: 9.942 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VY020707.D
 Acq: 26 Dec 2024 09:53

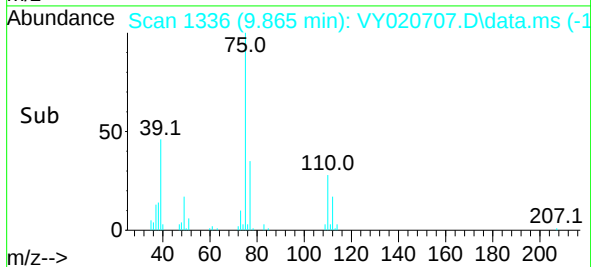
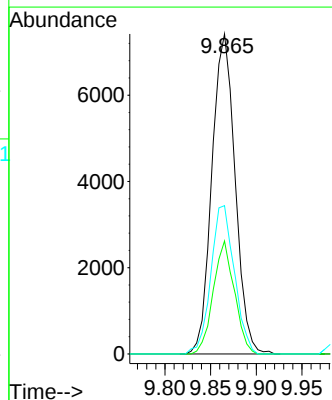
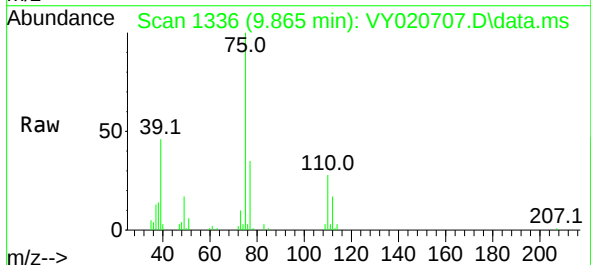
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

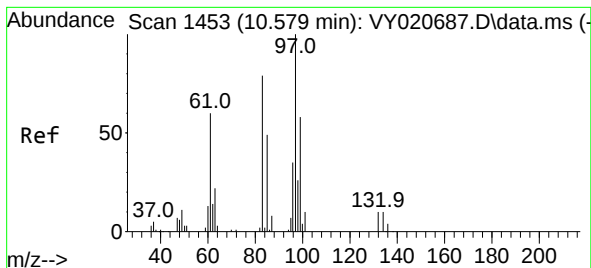
Tgt Ion: 75 Resp: 11736
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 10.121 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.000 min
 Lab File: VY020707.D
 Acq: 26 Dec 2024 09:53

Tgt Ion: 75 Resp: 13095
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.6 38.4
 39 46.4 36.2 54.2





#55

1,1,2-Trichloroethane

Concen: 9.902 ug/l

RT: 10.578 min Scan# 1453

Delta R.T. -0.001 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 5992

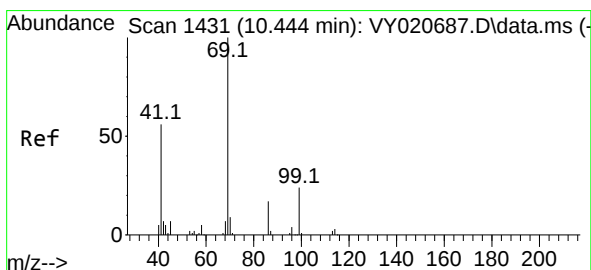
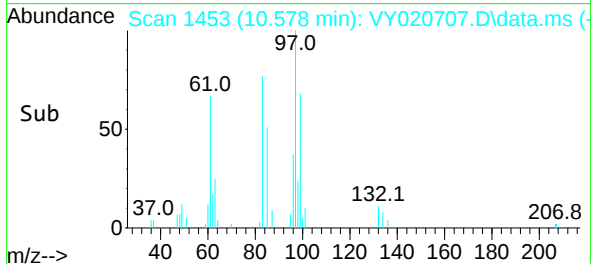
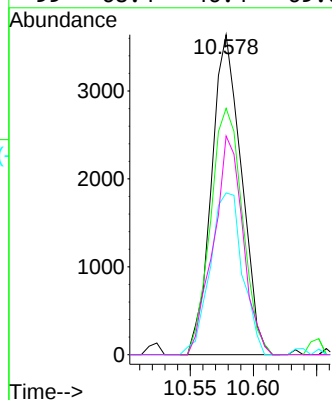
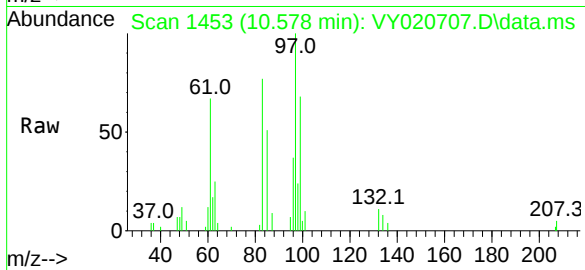
Ion Ratio Lower Upper

97 100

83 77.0 63.1 94.7

85 50.5 39.5 59.3

99 68.4 46.4 69.6



#56

Ethyl methacrylate

Concen: 10.046 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

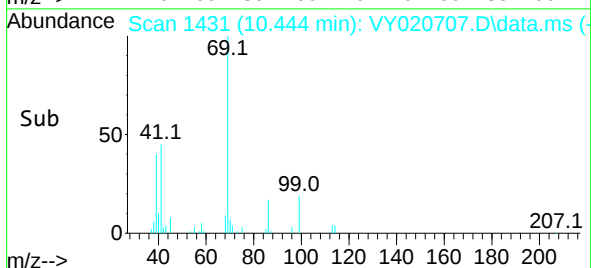
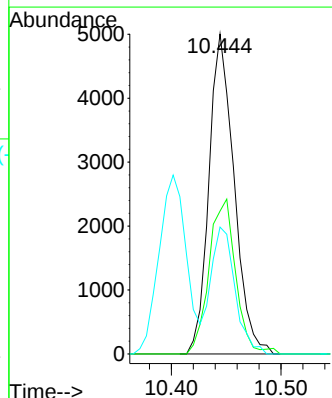
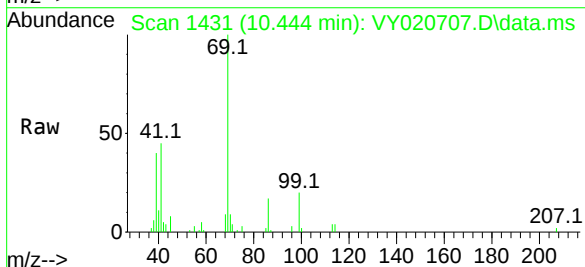
Tgt Ion: 69 Resp: 7986

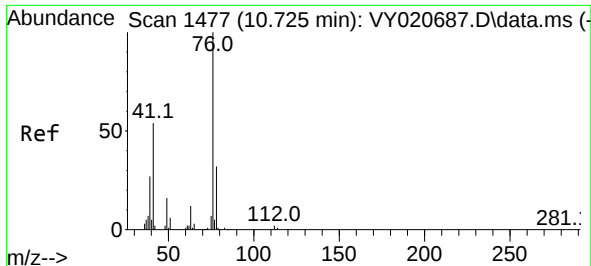
Ion Ratio Lower Upper

69 100

41 51.3 43.8 65.6

39 38.2 32.0 48.0





#57

1,3-Dichloropropane

Concen: 10.137 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

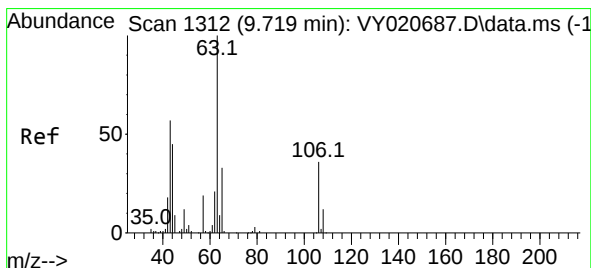
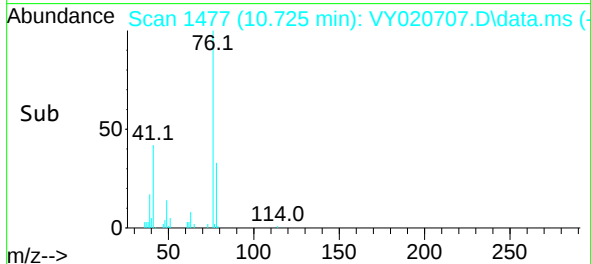
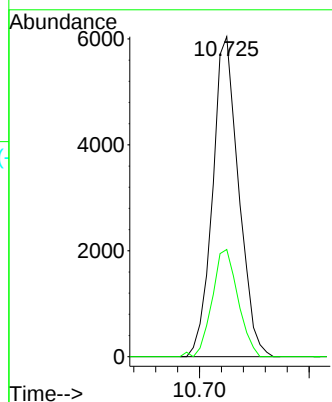
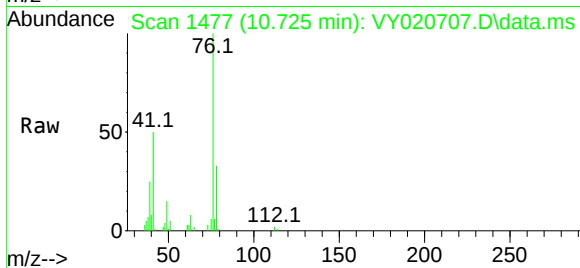
VSTDICC010

Tgt Ion: 76 Resp: 9956

Ion Ratio Lower Upper

76 100

78 33.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 45.957 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VY020707.D

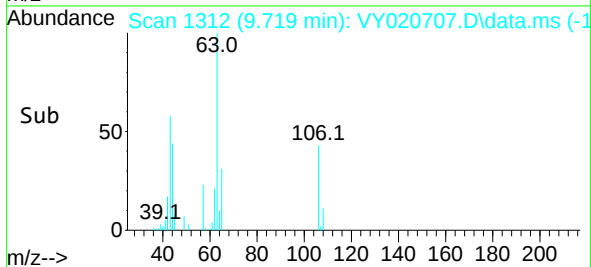
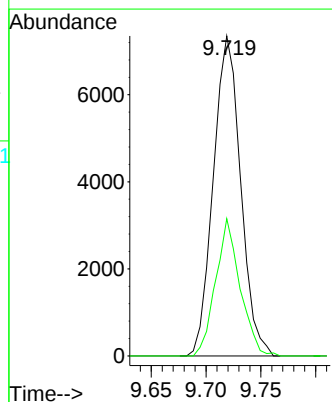
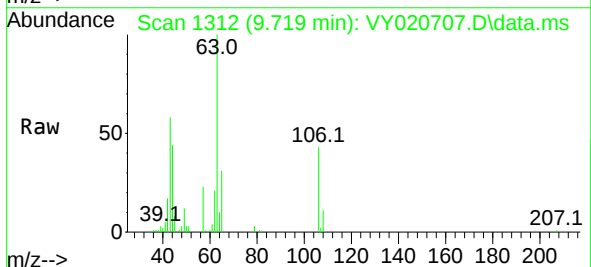
Acq: 26 Dec 2024 09:53

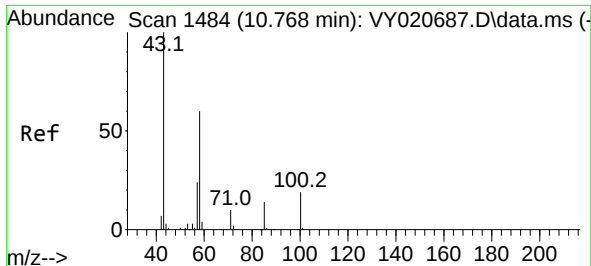
Tgt Ion: 63 Resp: 12740

Ion Ratio Lower Upper

63 100

106 38.4 29.1 43.7





#59

2-Hexanone

Concen: 47.628 ug/l

RT: 10.767 min Scan# 1484

Delta R.T. -0.001 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

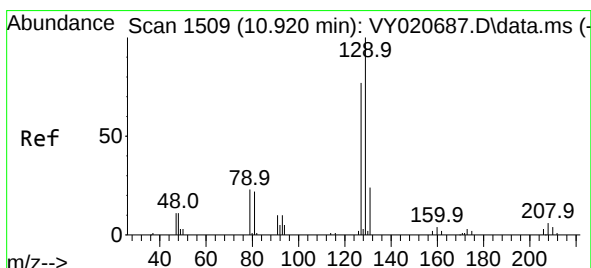
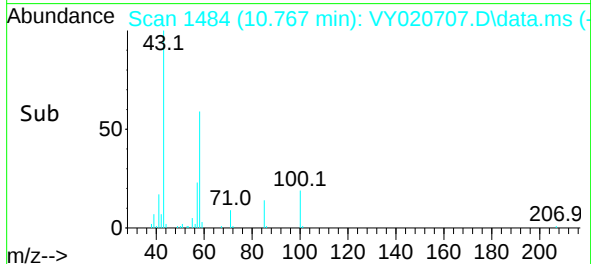
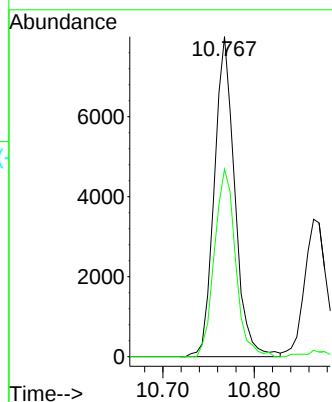
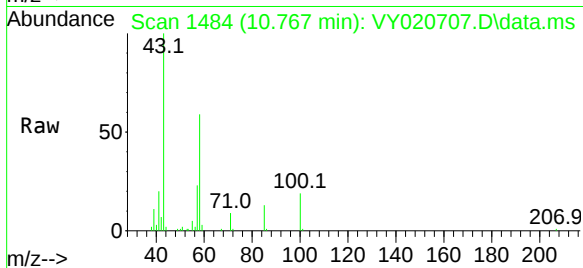
VSTDIC010

Tgt Ion: 43 Resp: 12416

Ion Ratio Lower Upper

43 100

58 60.3 30.1 90.5



#60

Dibromochloromethane

Concen: 10.554 ug/l

RT: 10.920 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VY020707.D

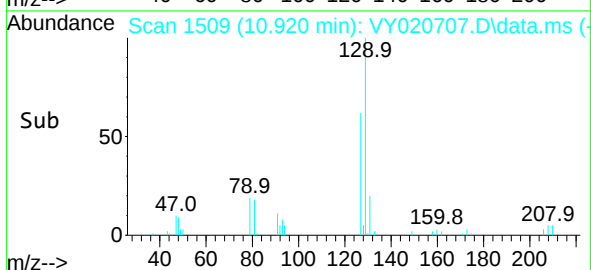
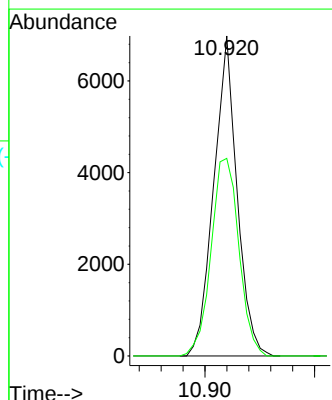
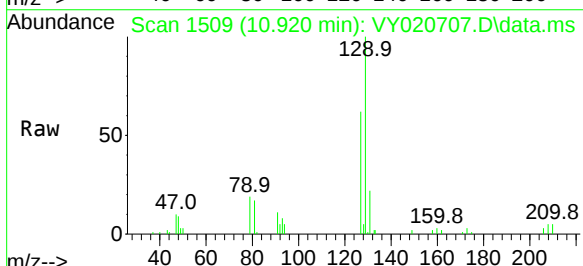
Acq: 26 Dec 2024 09:53

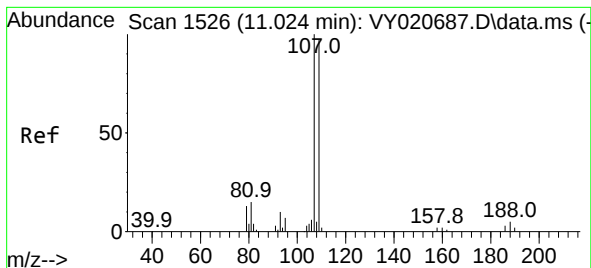
Tgt Ion: 129 Resp: 10320

Ion Ratio Lower Upper

129 100

127 73.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 10.067 ug/l

RT: 11.023 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

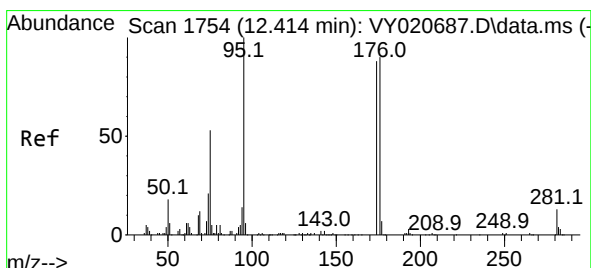
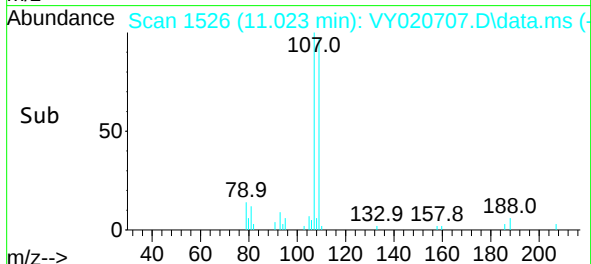
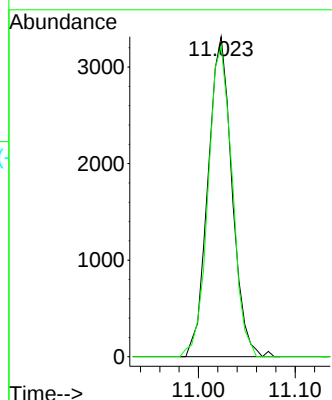
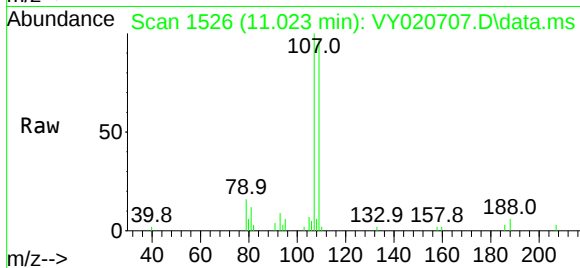
VSTDIC010

Tgt Ion:107 Resp: 5732

Ion Ratio Lower Upper

107 100

109 96.9 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 10.336 ug/l

RT: 12.413 min Scan# 1754

Delta R.T. -0.001 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

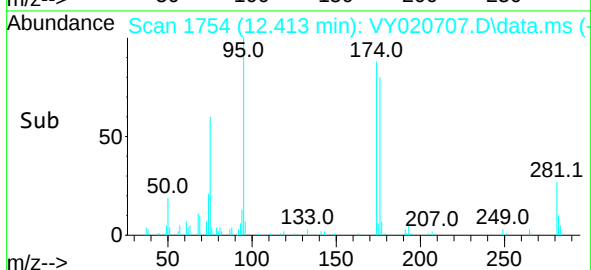
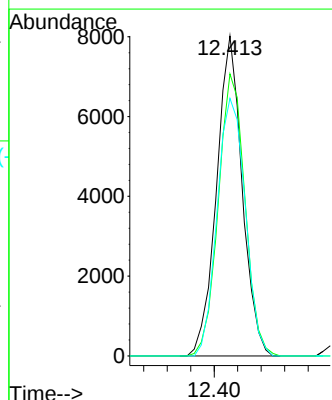
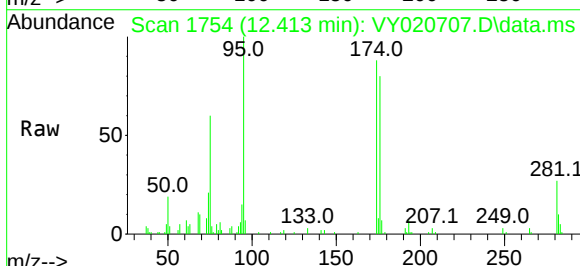
Tgt Ion: 95 Resp: 12144

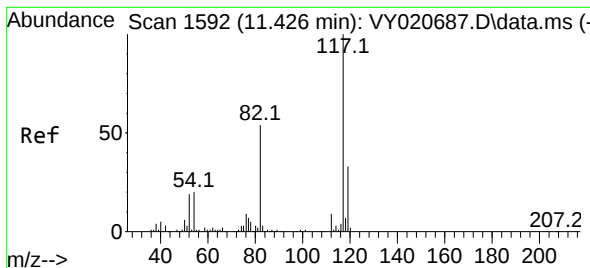
Ion Ratio Lower Upper

95 100

174 91.5 0.0 179.2

176 88.1 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

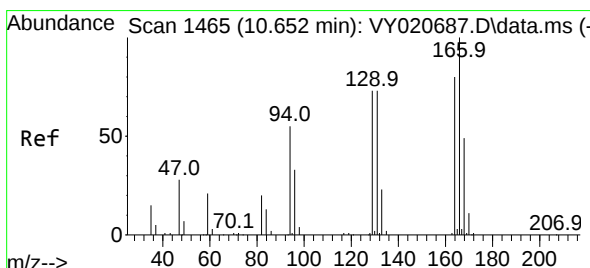
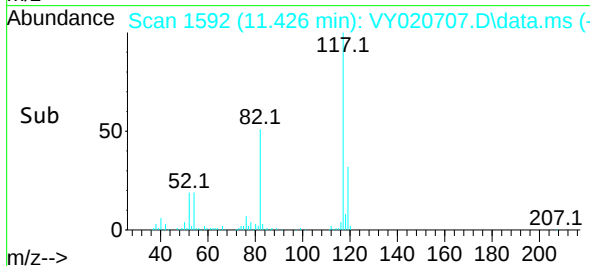
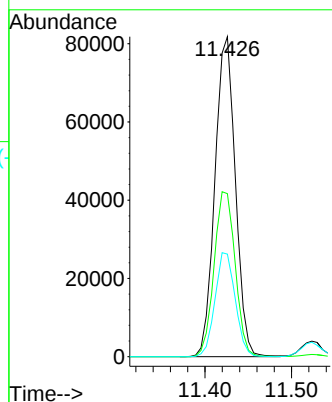
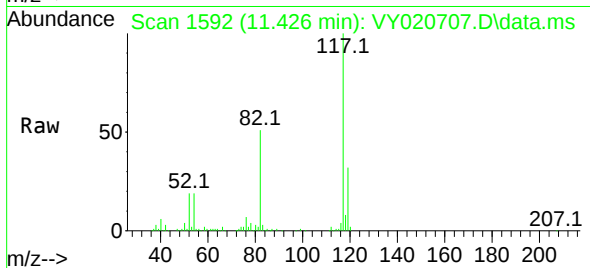
Tgt Ion:117 Resp: 134187

Ion Ratio Lower Upper

117 100

82 50.9 43.4 65.2

119 32.0 26.6 39.8



#64

Tetrachloroethene

Concen: 10.530 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Tgt Ion:164 Resp: 9654

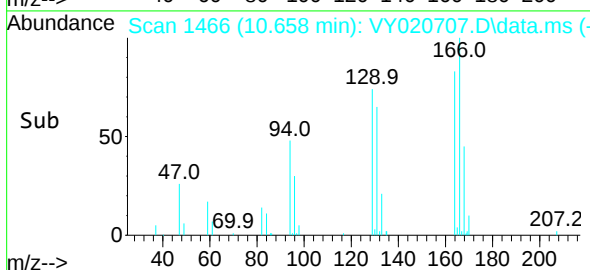
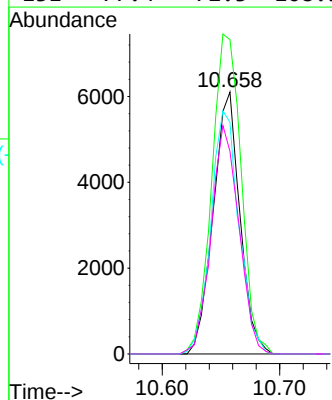
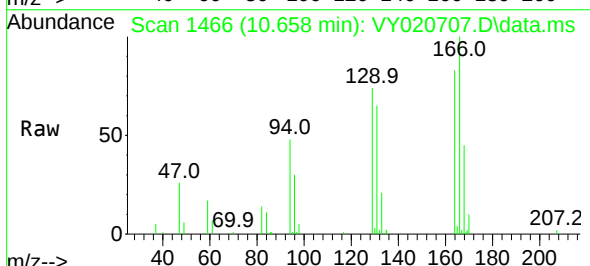
Ion Ratio Lower Upper

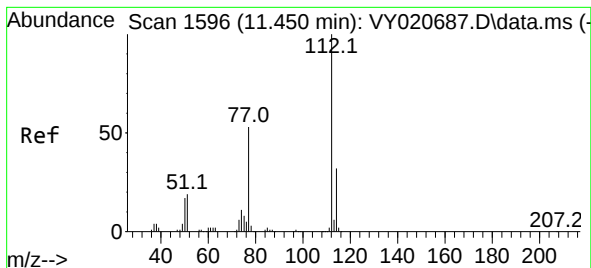
164 100

166 120.0 99.6 149.4

129 88.5 73.0 109.4

131 77.4 72.3 108.5





#65

Chlorobenzene

Concen: 10.661 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

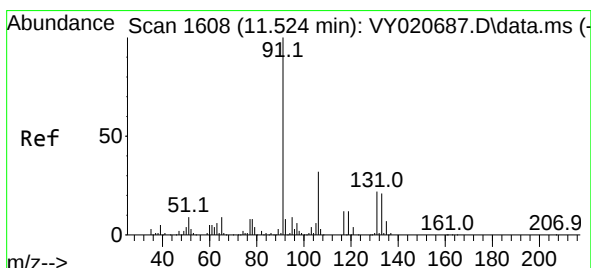
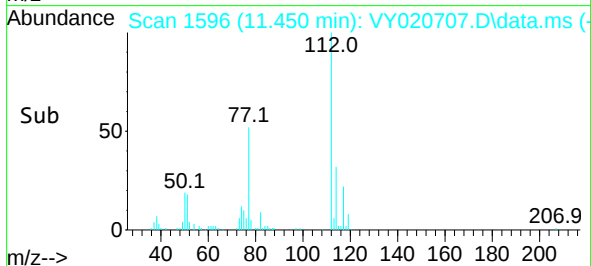
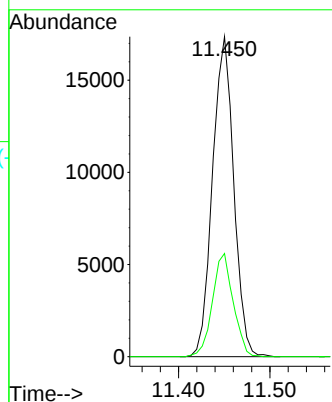
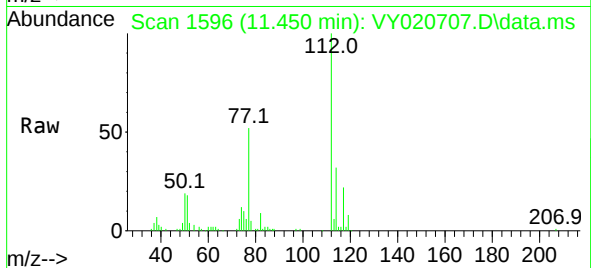
VSTDIC010

Tgt Ion:112 Resp: 28012

Ion Ratio Lower Upper

112 100

114 32.2 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 10.699 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.001 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

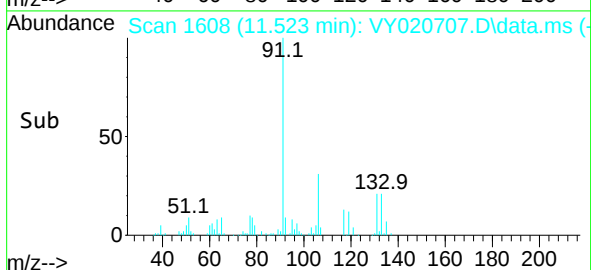
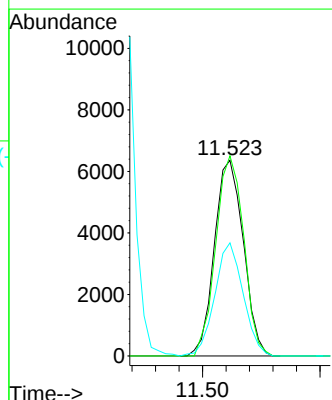
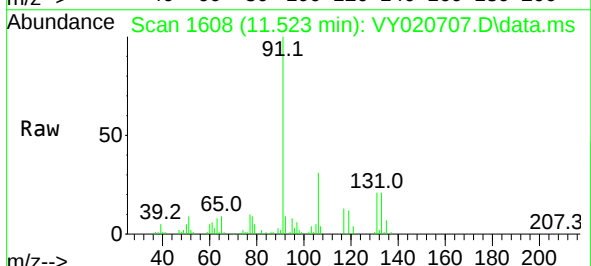
Tgt Ion:131 Resp: 10891

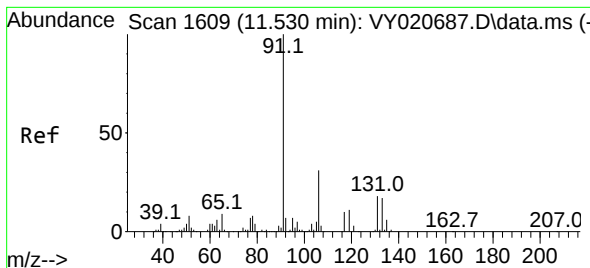
Ion Ratio Lower Upper

131 100

133 98.8 48.6 145.9

119 56.6 28.4 85.3





#67

Ethyl Benzene

Concen: 10.575 ug/l

RT: 11.529 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

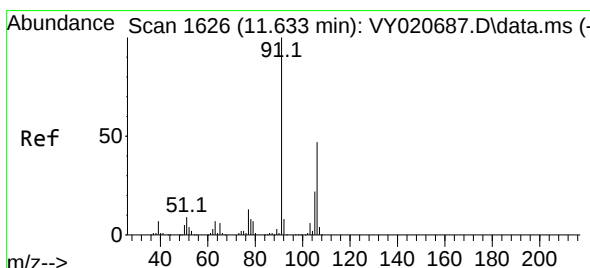
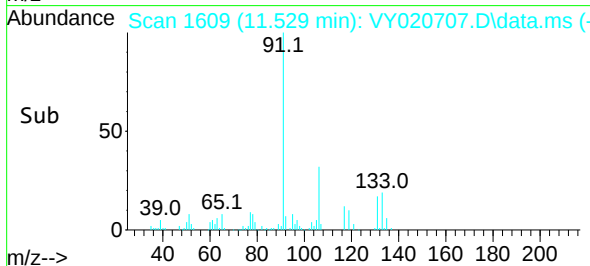
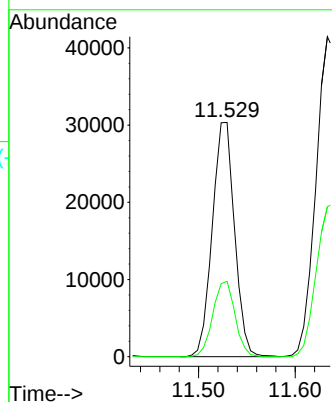
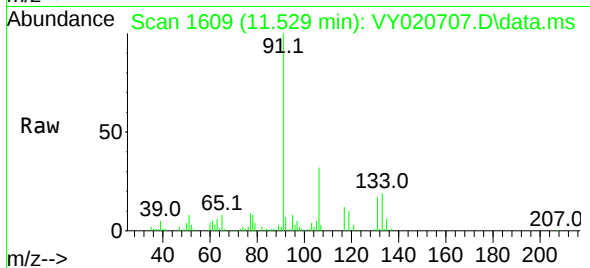
VSTDIC010

Tgt Ion: 91 Resp: 48565

Ion Ratio Lower Upper

91 100

106 32.2 24.5 36.7



#68

m/p-Xylenes

Concen: 21.184 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020707.D

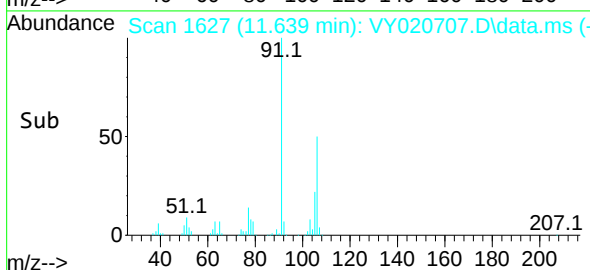
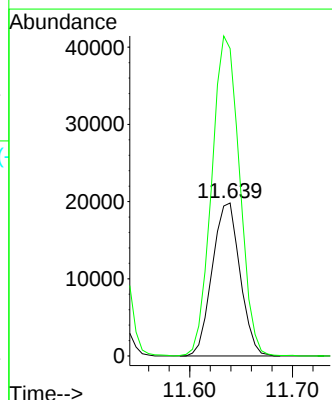
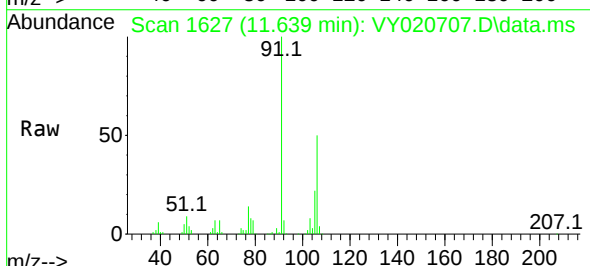
Acq: 26 Dec 2024 09:53

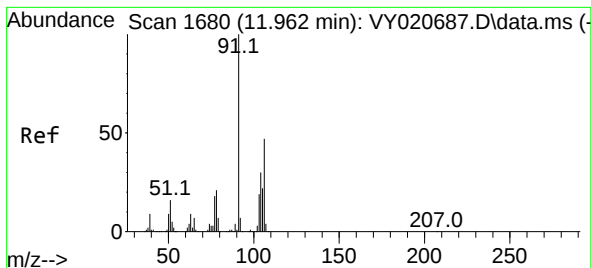
Tgt Ion:106 Resp: 37110

Ion Ratio Lower Upper

106 100

91 210.0 166.6 250.0





#69

o-Xylene

Concen: 10.682 ug/l

RT: 11.962 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

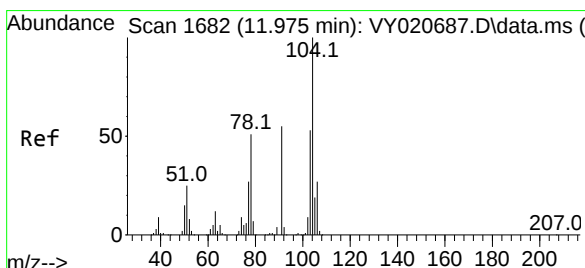
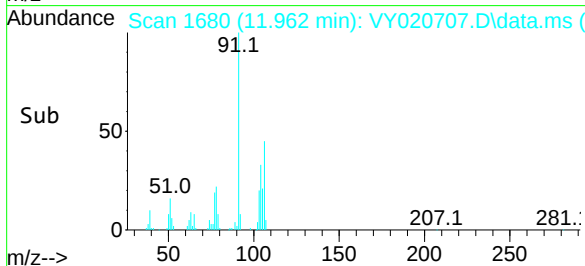
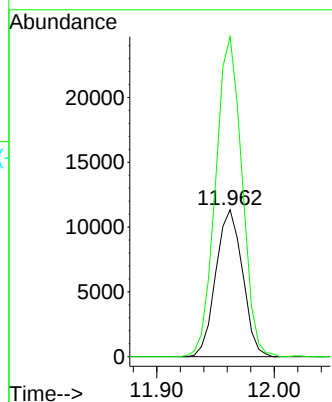
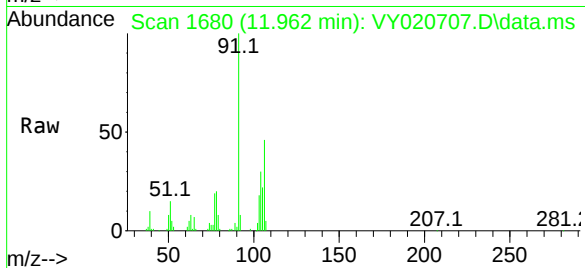
VSTDIC010

Tgt Ion:106 Resp: 17878

Ion Ratio Lower Upper

106 100

91 215.5 108.6 325.8



#70

Styrene

Concen: 10.280 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

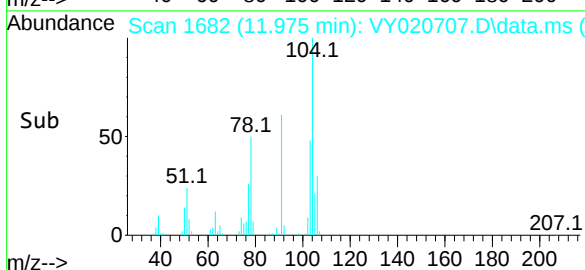
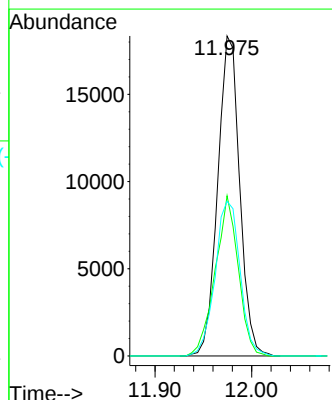
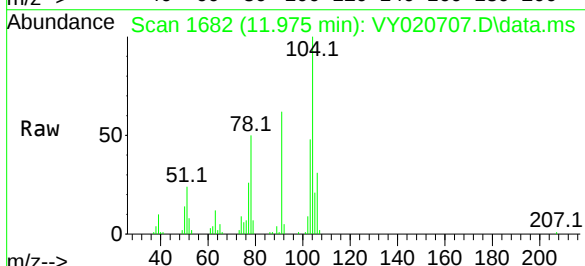
Tgt Ion:104 Resp: 28883

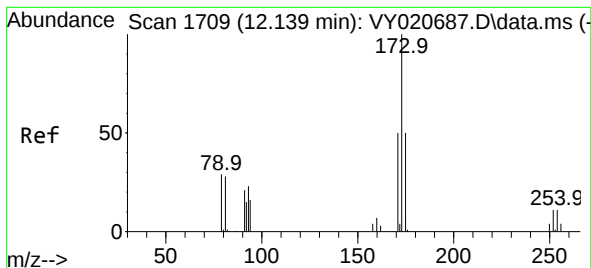
Ion Ratio Lower Upper

104 100

78 52.5 43.0 64.4

103 55.0 44.4 66.6





#71

Bromoform

Concen: 10.428 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

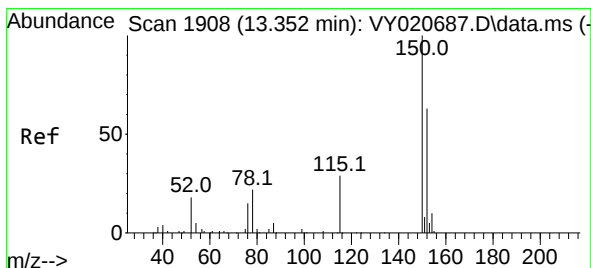
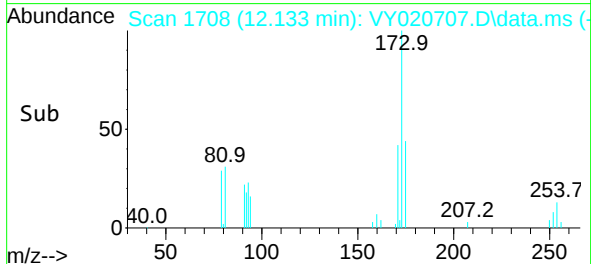
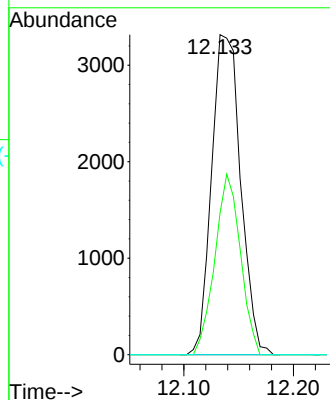
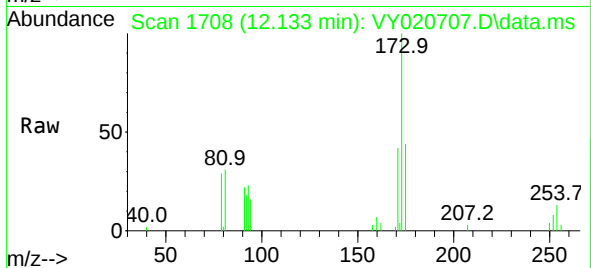
Tgt Ion:173 Resp: 6103

Ion Ratio Lower Upper

173 100

175 49.6 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

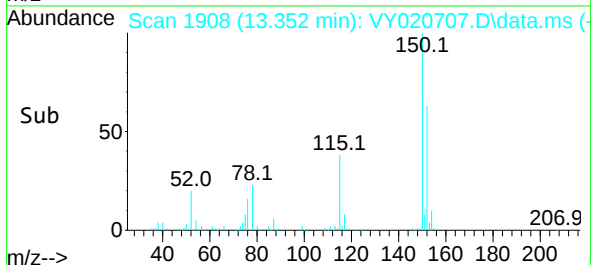
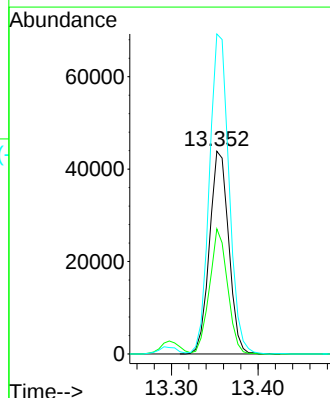
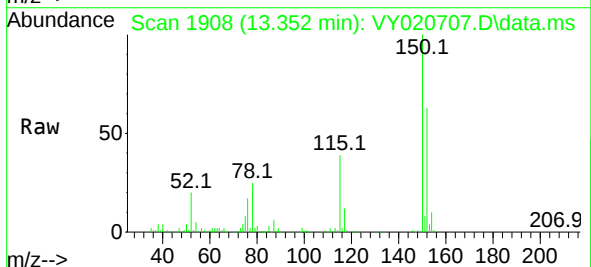
Tgt Ion:152 Resp: 67536

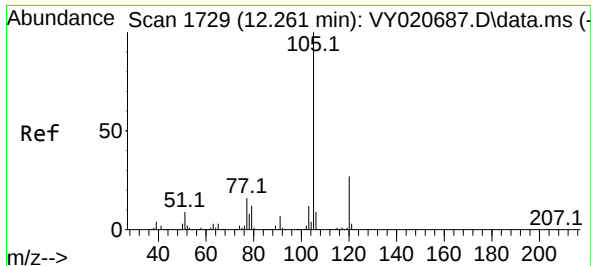
Ion Ratio Lower Upper

152 100

115 58.0 30.3 90.9

150 161.1 0.0 349.0

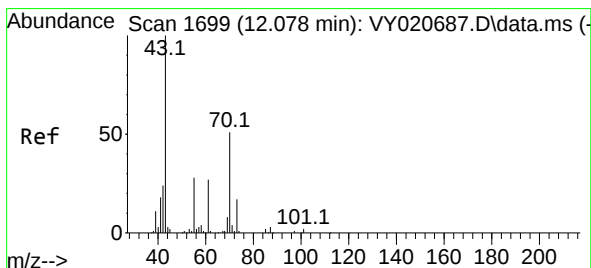
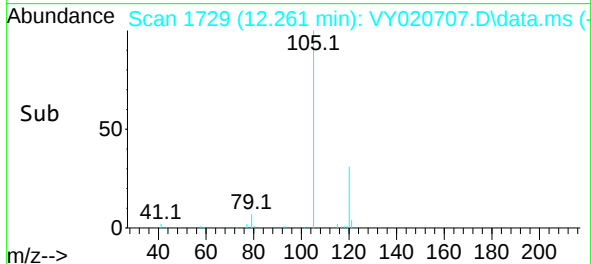
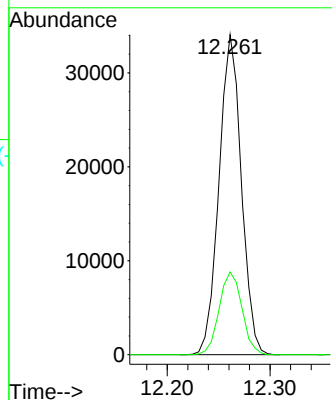
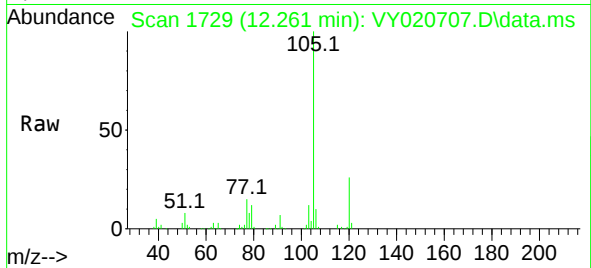




#73
Isopropylbenzene
Concen: 10.973 ug/l
RT: 12.261 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

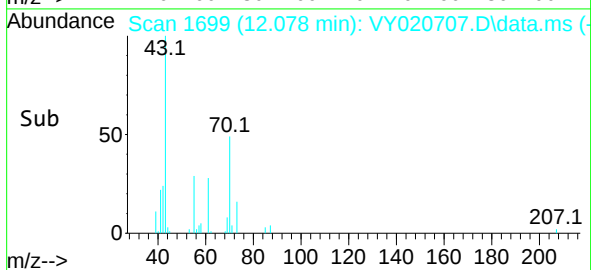
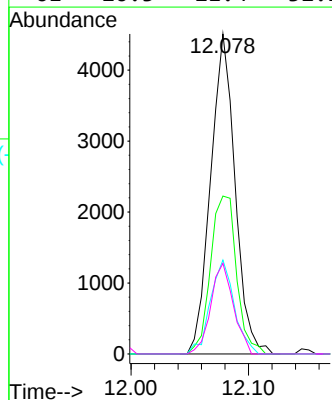
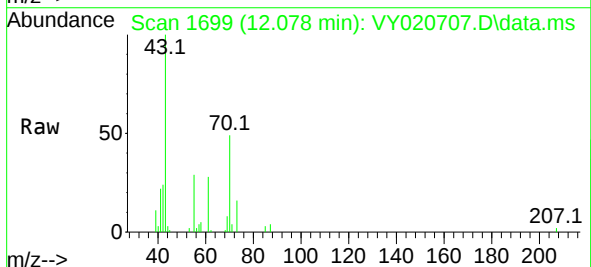
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

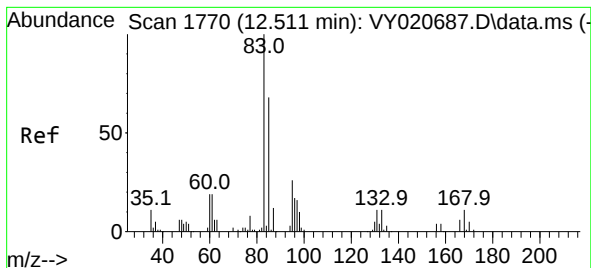
Tgt Ion:105 Resp: 51343
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9



#74
N-ethyl acetate
Concen: 9.813 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion: 43 Resp: 6525
Ion Ratio Lower Upper
43 100
70 52.6 39.7 59.5
55 28.7 21.5 32.3
61 26.3 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 9.866 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

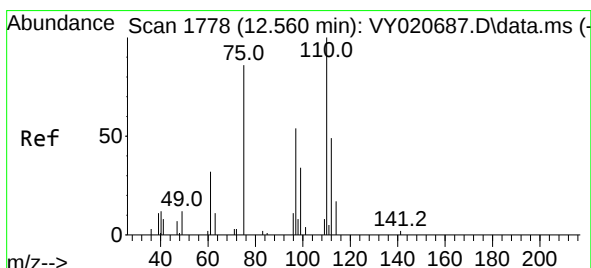
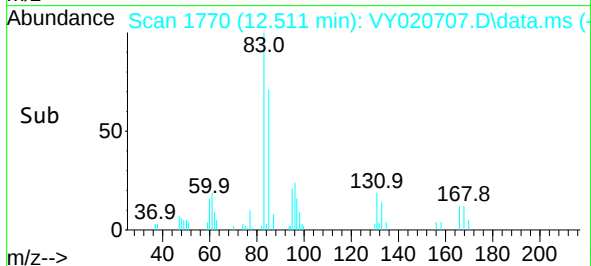
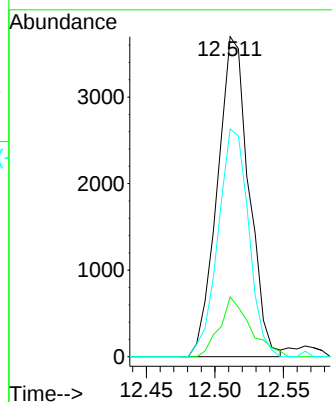
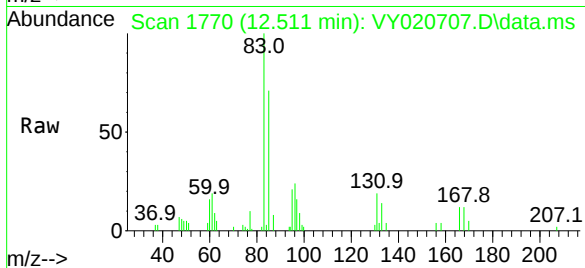
Tgt Ion: 83 Resp: 5918

Ion Ratio Lower Upper

83 100

131 18.1 6.9 20.7

85 69.1 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 17.305 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY020707.D

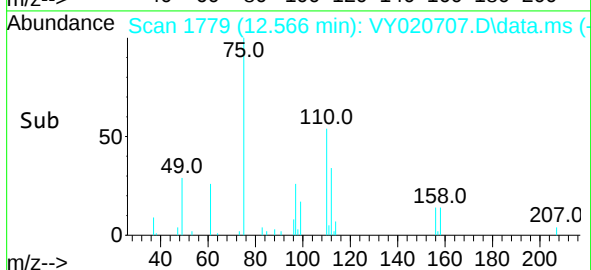
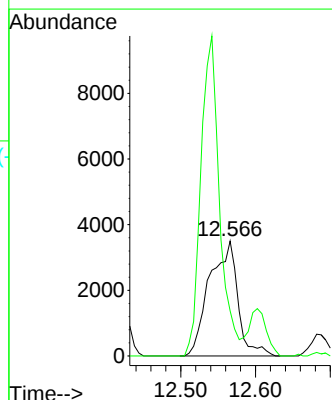
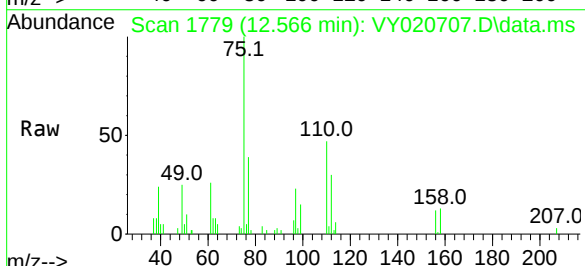
Acq: 26 Dec 2024 09:53

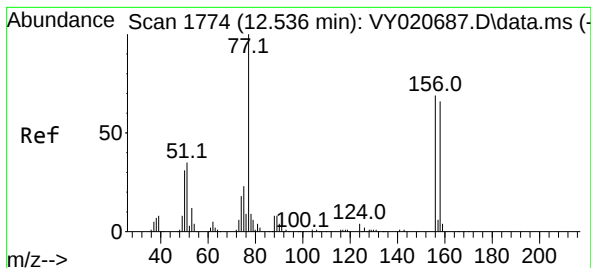
Tgt Ion: 75 Resp: 9219

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.365 ug/l

RT: 12.541 min Scan# 1774

Delta R.T. 0.005 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

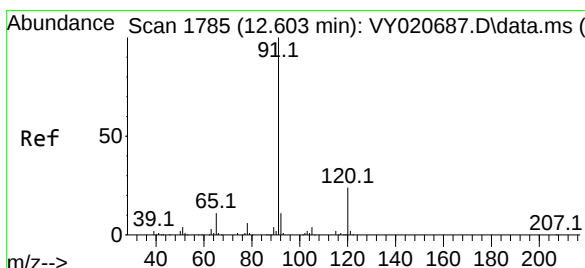
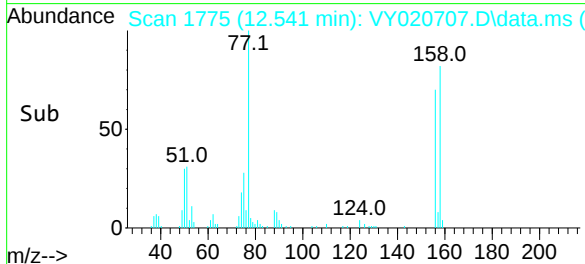
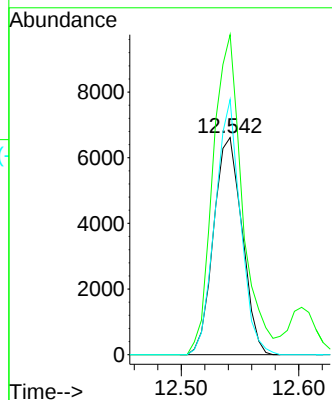
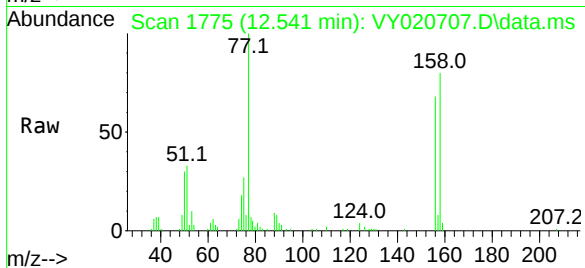
Tgt Ion:156 Resp: 11164

Ion Ratio Lower Upper

156 100

77 151.2 78.3 235.0

158 105.0 48.3 144.9



#78

n-propylbenzene

Concen: 10.898 ug/l

RT: 12.602 min Scan# 1785

Delta R.T. -0.001 min

Lab File: VY020707.D

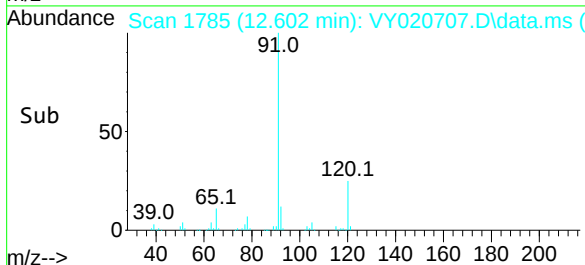
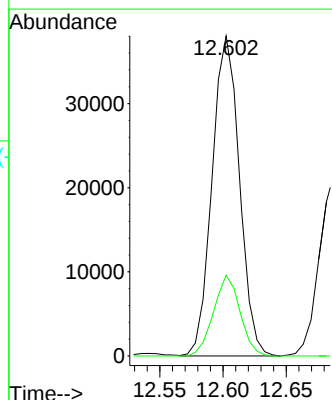
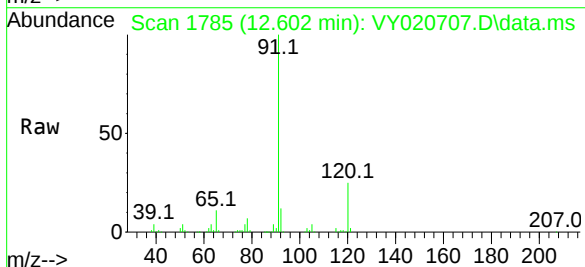
Acq: 26 Dec 2024 09:53

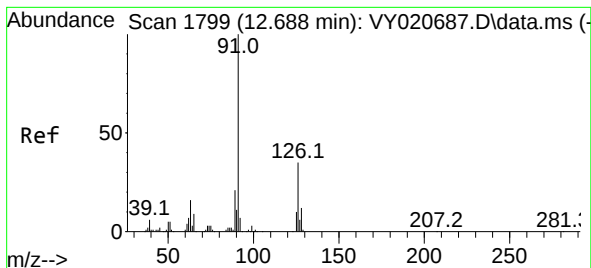
Tgt Ion: 91 Resp: 57154

Ion Ratio Lower Upper

91 100

120 24.4 12.3 36.8

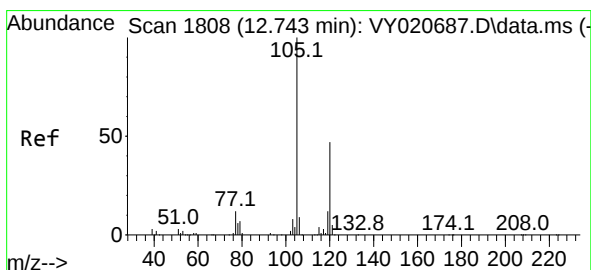
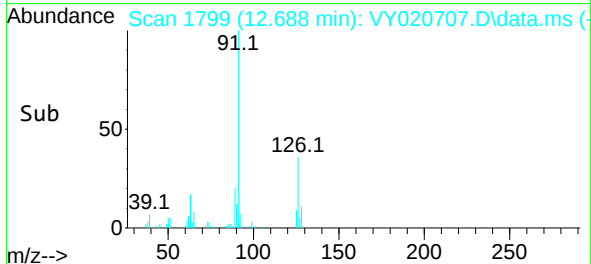
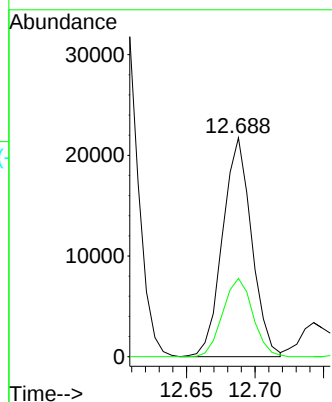
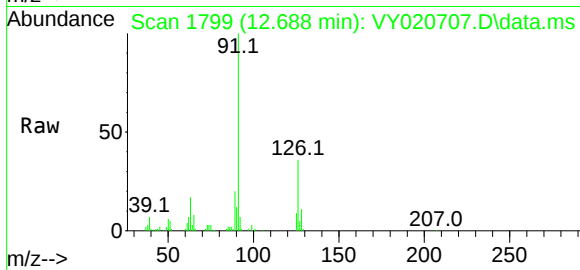




#79
2-Chlorotoluene
Concen: 10.745 ug/l
RT: 12.688 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

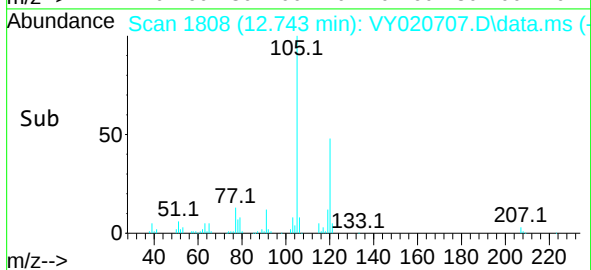
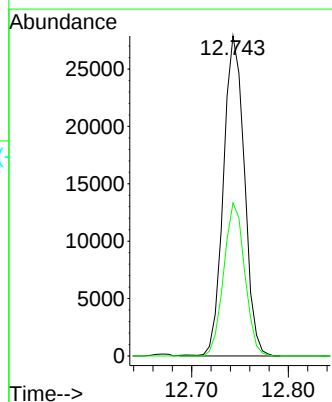
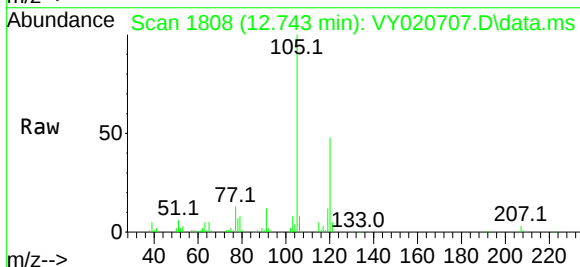
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

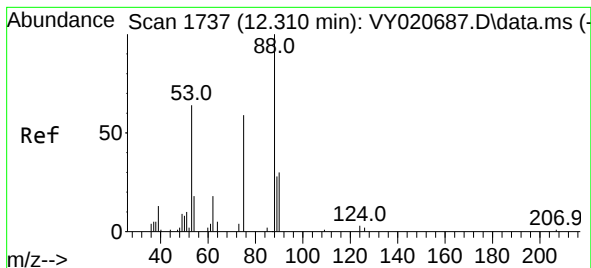
Tgt Ion: 91 Resp: 32123
Ion Ratio Lower Upper
91 100
126 36.8 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 10.746 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion: 105 Resp: 41891
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7

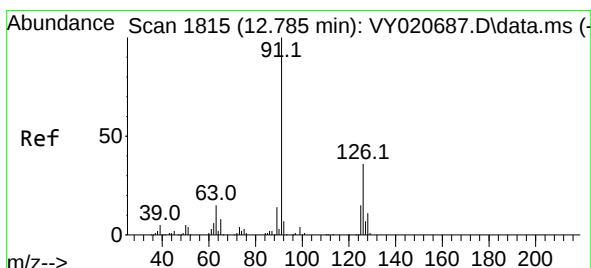
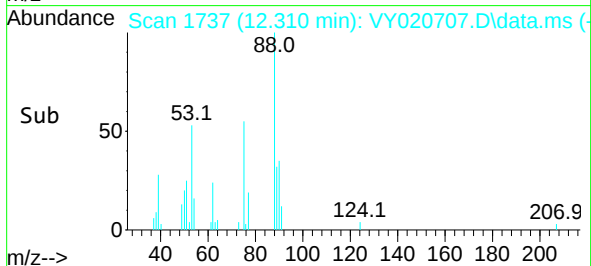
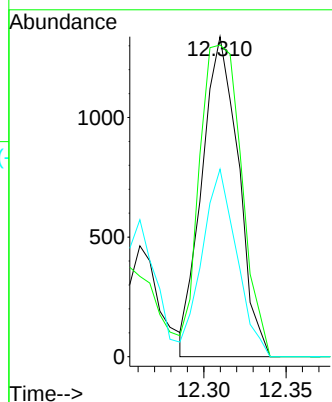
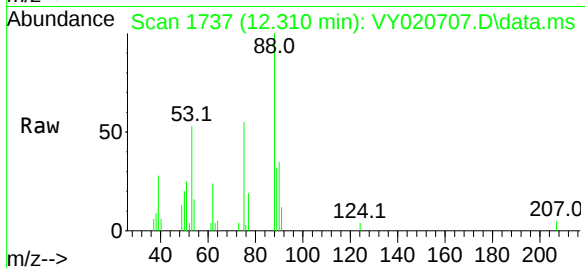




#81
trans-1,4-Dichloro-2-butene
Concen: 9.480 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

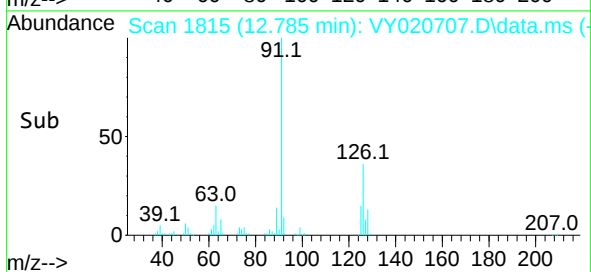
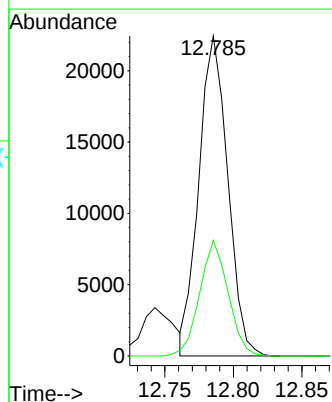
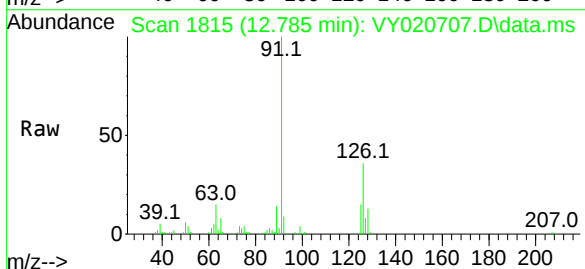
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

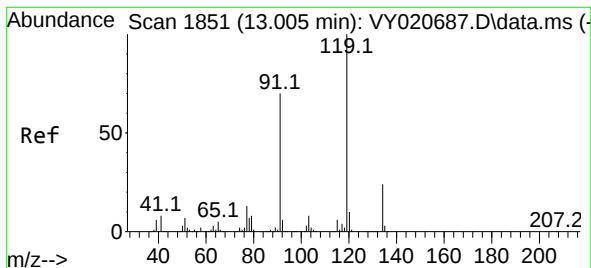
Tgt Ion: 75 Resp: 2060
Ion Ratio Lower Upper
75 100
53 112.3 83.1 124.7
89 55.5 40.6 61.0



#82
4-Chlorotoluene
Concen: 10.654 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion: 91 Resp: 32918
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.5





#83

tert-Butylbenzene

Concen: 10.714 ug/l

RT: 13.005 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

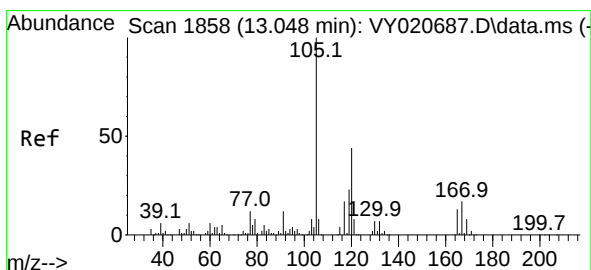
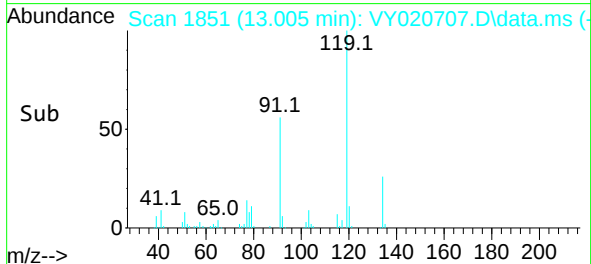
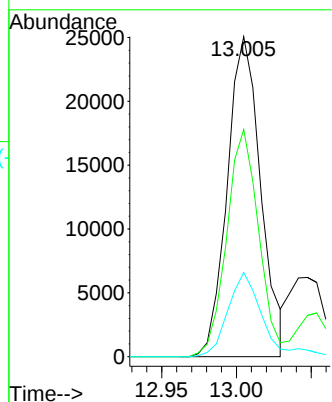
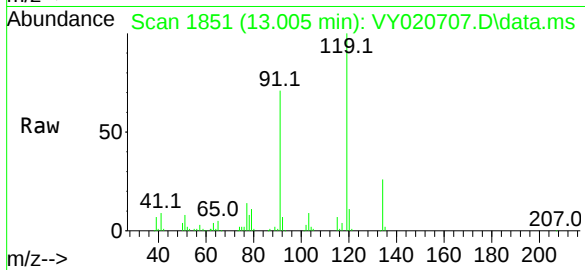
Tgt Ion:119 Resp: 39005

Ion Ratio Lower Upper

119 100

91 67.5 33.6 100.8

134 27.2 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 10.489 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY020707.D

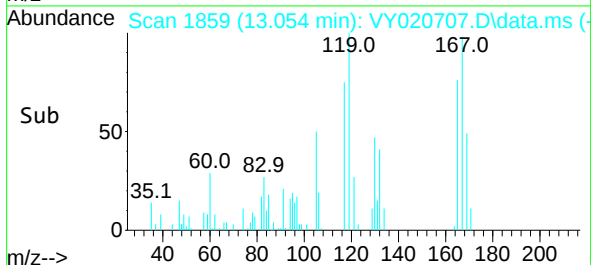
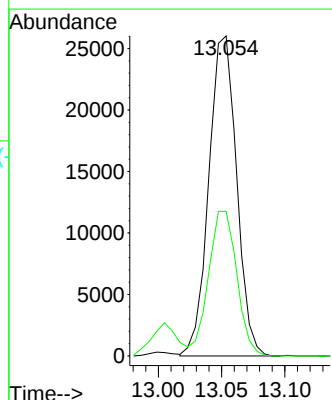
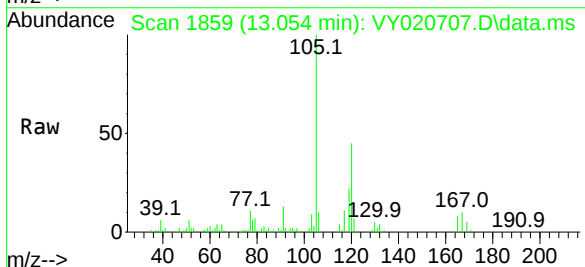
Acq: 26 Dec 2024 09:53

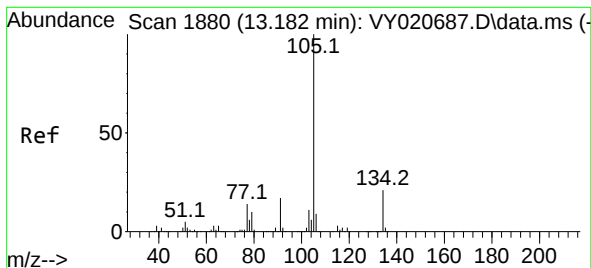
Tgt Ion:105 Resp: 39791

Ion Ratio Lower Upper

105 100

120 46.1 21.8 65.3





#85

sec-Butylbenzene

Concen: 10.682 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

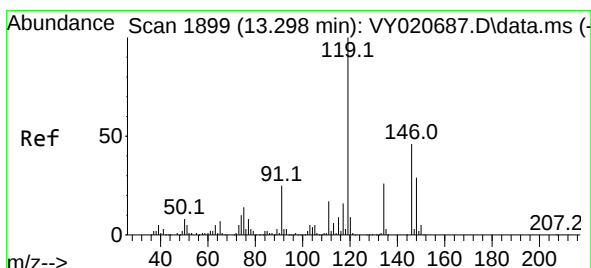
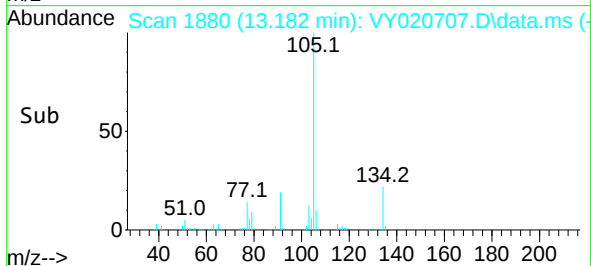
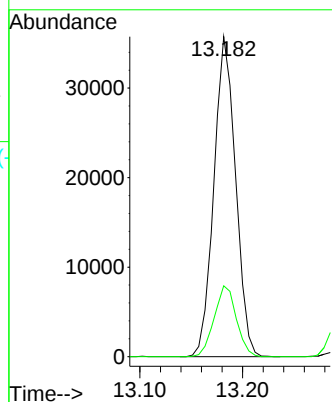
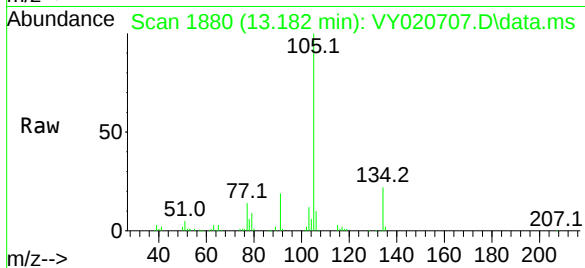
VSTDIC010

Tgt Ion:105 Resp: 52410

Ion Ratio Lower Upper

105 100

134 22.6 10.7 32.1



#86

p-Isopropyltoluene

Concen: 10.773 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. -0.001 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

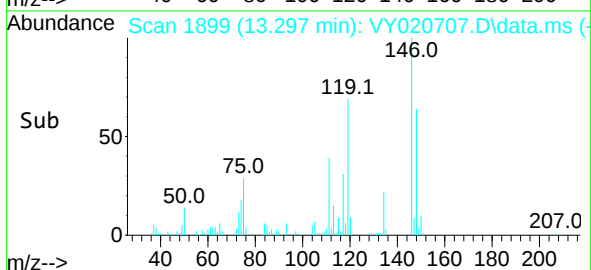
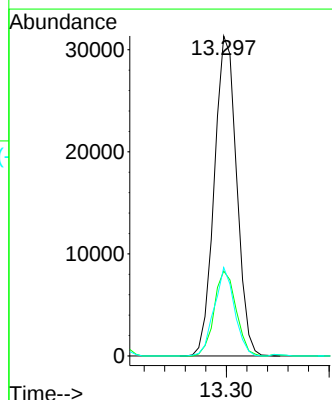
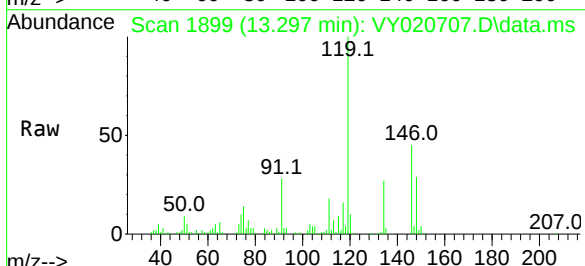
Tgt Ion:119 Resp: 47106

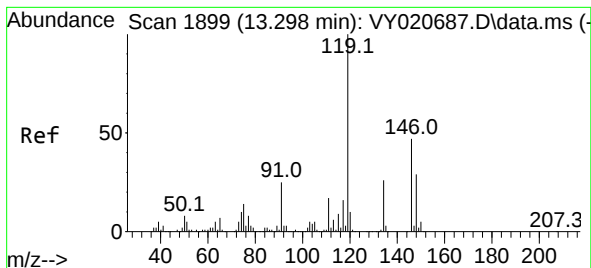
Ion Ratio Lower Upper

119 100

134 26.0 13.4 40.2

91 25.2 12.9 38.6





#87

1,3-Dichlorobenzene

Concen: 10.715 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. -0.001 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

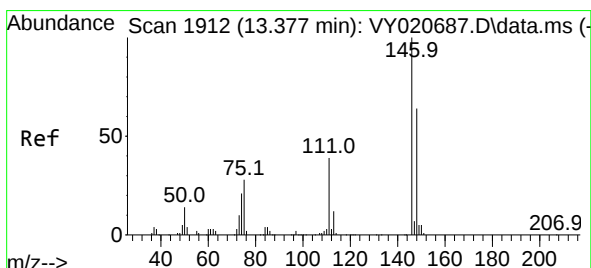
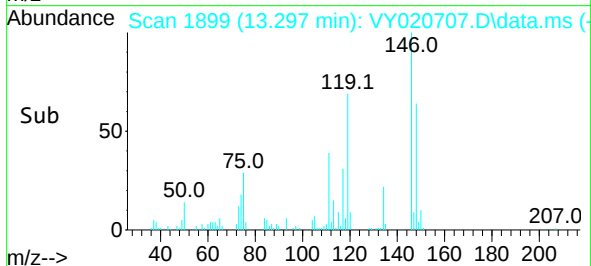
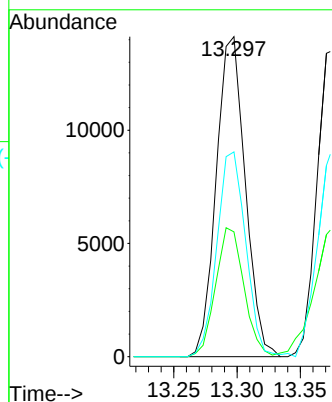
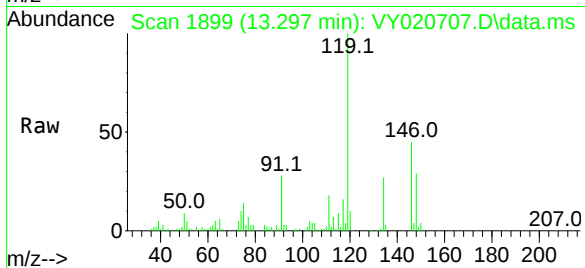
Tgt Ion:146 Resp: 22556

Ion Ratio Lower Upper

146 100

111 39.4 19.3 57.8

148 63.2 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 10.480 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. -0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

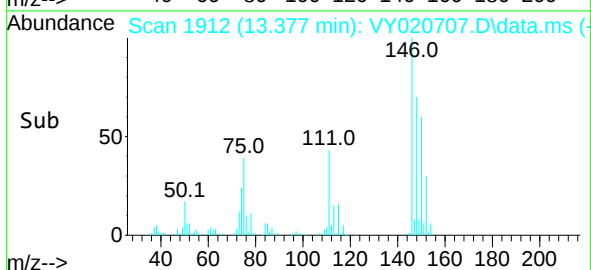
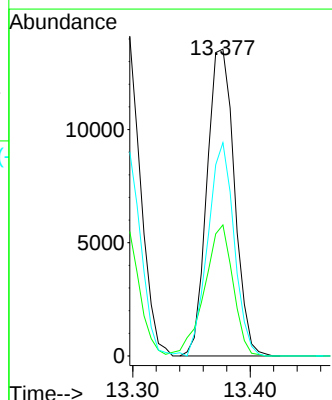
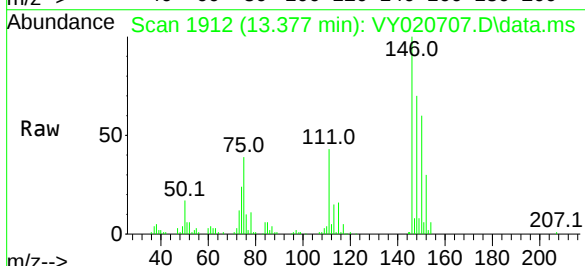
Tgt Ion:146 Resp: 21947

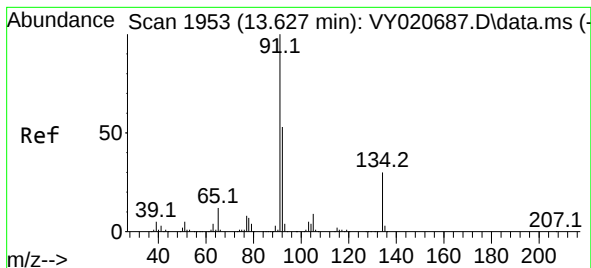
Ion Ratio Lower Upper

146 100

111 44.6 19.7 59.0

148 66.7 32.8 98.3





#89

n-Butylbenzene

Concen: 10.710 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

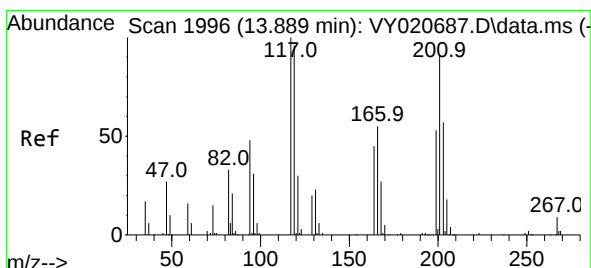
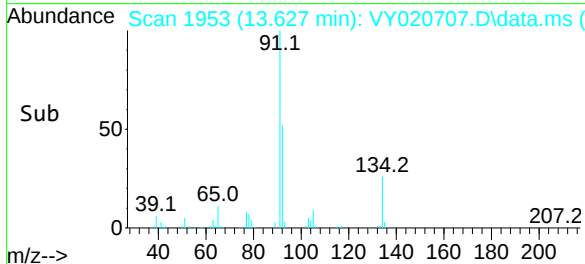
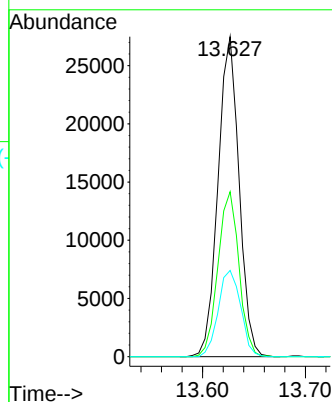
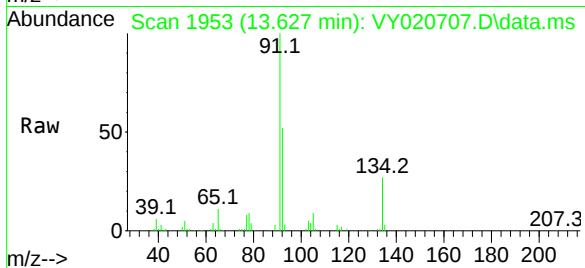
Tgt Ion: 91 Resp: 39091

Ion Ratio Lower Upper

91 100

92 51.4 26.1 78.2

134 28.6 14.8 44.4



#90

Hexachloroethane

Concen: 10.680 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY020707.D

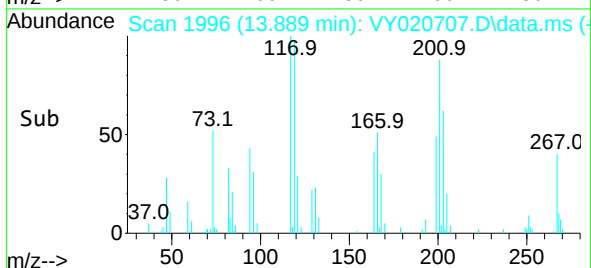
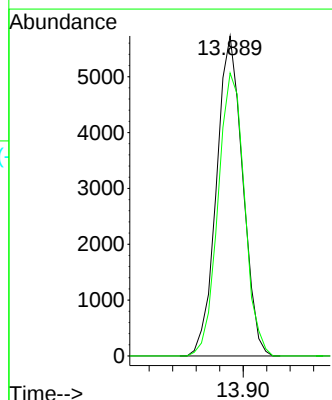
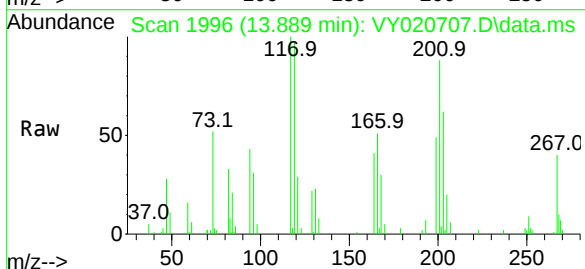
Acq: 26 Dec 2024 09:53

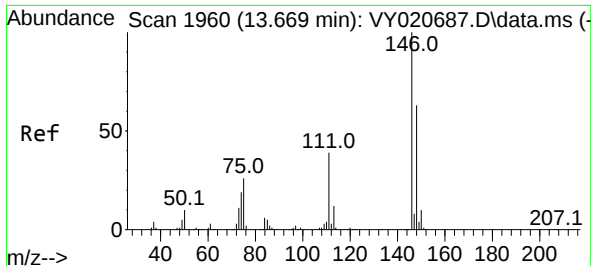
Tgt Ion: 117 Resp: 8880

Ion Ratio Lower Upper

117 100

201 89.0 44.9 134.7

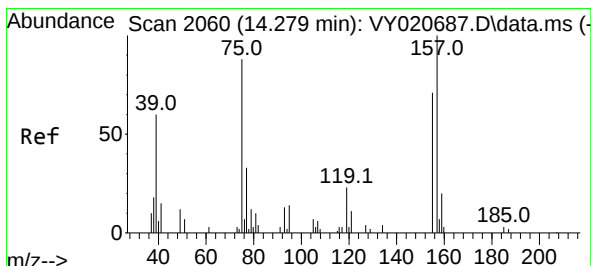
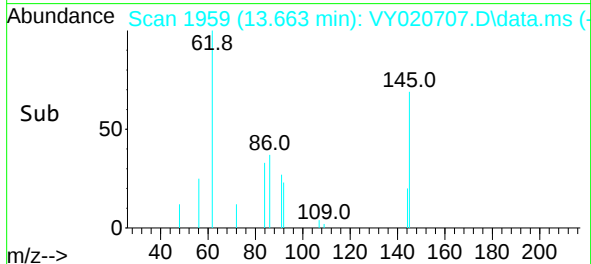
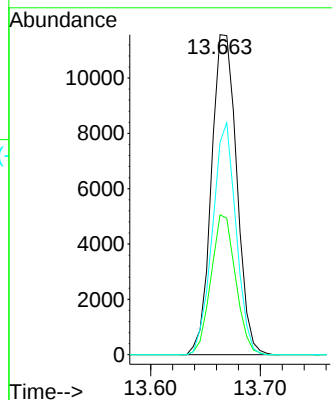
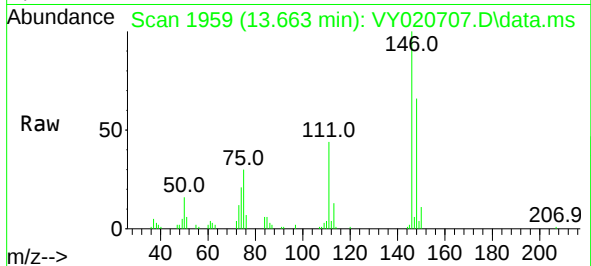




#91
1,2-Dichlorobenzene
Concen: 10.279 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

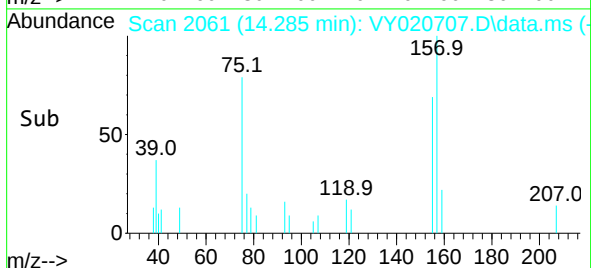
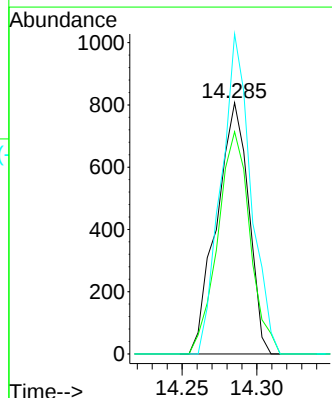
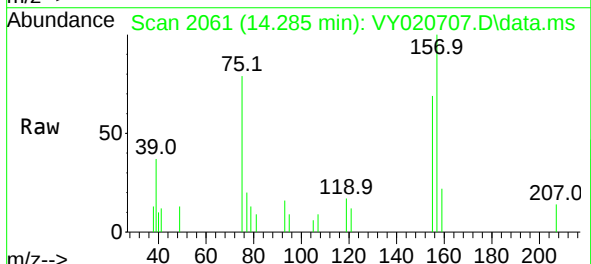
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

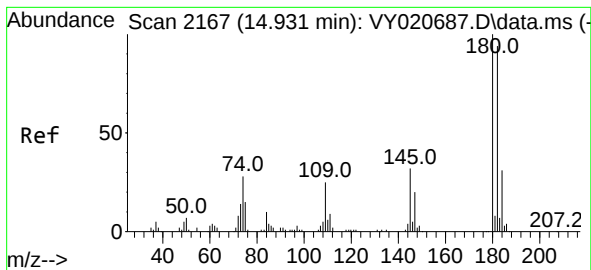
Tgt Ion:	146	Resp:	18554
Ion Ratio	Lower	Upper	
146	100		
111	42.6	20.3	60.8
148	67.5	31.9	95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.298 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY020707.D
Acq: 26 Dec 2024 09:53

Tgt Ion:	75	Resp:	1198
Ion Ratio	Lower	Upper	
75	100		
155	89.3	43.4	130.2
157	118.9	58.6	175.7





#93

1,2,4-Trichlorobenzene

Concen: 9.721 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

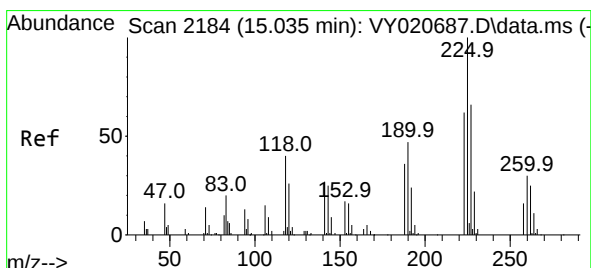
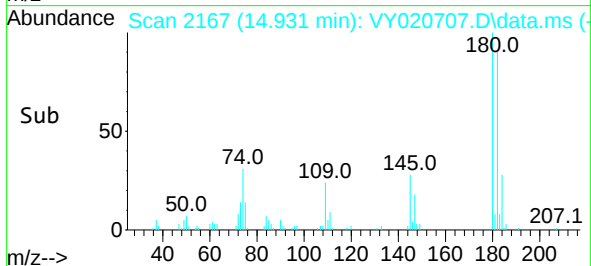
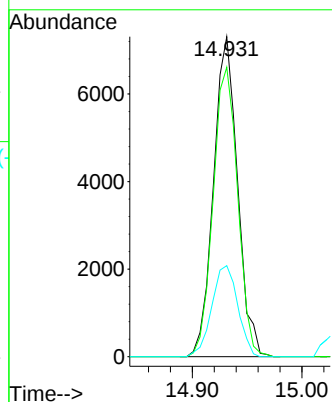
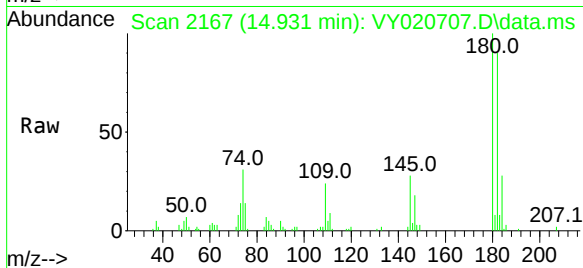
Tgt Ion:180 Resp: 11153

Ion Ratio Lower Upper

180 100

182 92.1 47.9 143.7

145 30.7 15.6 46.8



#94

Hexachlorobutadiene

Concen: 10.534 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. -0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

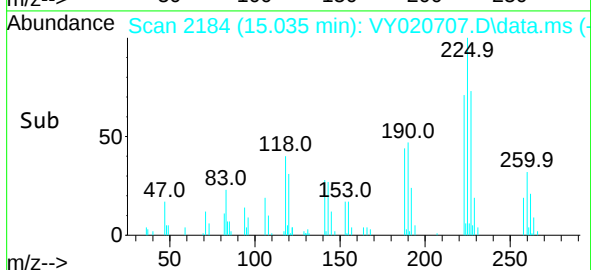
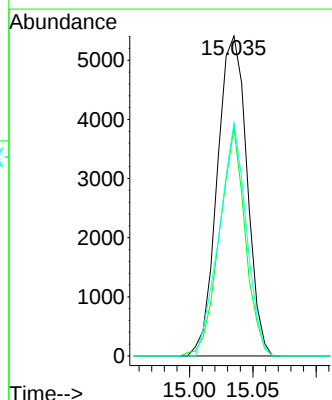
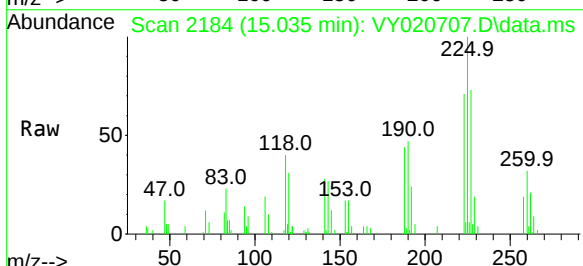
Tgt Ion:225 Resp: 8808

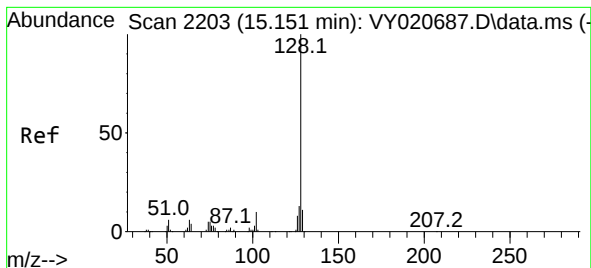
Ion Ratio Lower Upper

225 100

223 62.0 31.3 93.8

227 66.4 32.1 96.5





#95

Naphthalene

Concen: 9.174 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

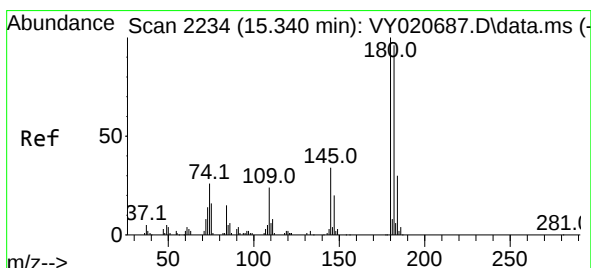
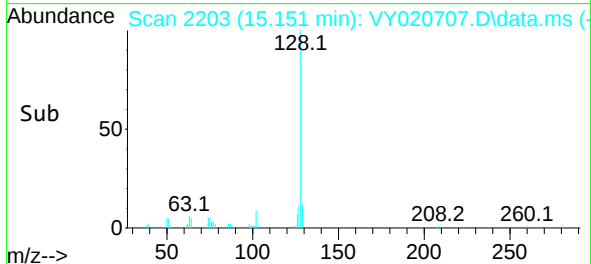
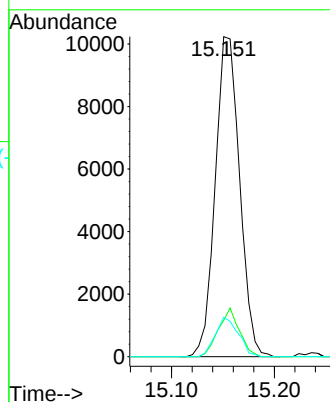
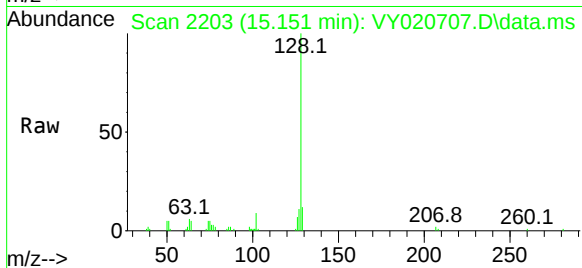
Tgt Ion:128 Resp: 16857

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 9.584 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. -0.000 min

Lab File: VY020707.D

Acq: 26 Dec 2024 09:53

Tgt Ion:180 Resp: 9155

Ion Ratio Lower Upper

180 100

182 97.0 47.4 142.2

145 33.4 16.7 50.1

