

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
 Data File : VY021200.D
 Acq On : 14 Feb 2025 10:13
 Operator : SY/MD
 Sample : VY0214SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBS01

Quant Time: Feb 14 22:15:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	127769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	196900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	167206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	84969	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	66965	51.154	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.300%	
35) Dibromofluoromethane	7.640	113	62627	49.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.260%	
50) Toluene-d8	10.115	98	241179	50.204	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.400%	
62) 4-Bromofluorobenzene	12.414	95	80918	51.558	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.120%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	18298	16.068	ug/l	97
3) Chloromethane	2.074	50	16318	14.521	ug/l	99
4) Vinyl Chloride	2.208	62	17234	15.237	ug/l	94
5) Bromomethane	2.604	94	10461	14.964	ug/l	95
6) Chloroethane	2.745	64	11119	16.514	ug/l	100
7) Trichlorofluoromethane	3.068	101	36263	17.598	ug/l	99
8) Diethyl Ether	3.464	74	11252	17.492	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.824	101	25309	19.570	ug/l	97
10) Methyl Iodide	4.013	142	20434	14.222	ug/l	91
11) Tert butyl alcohol	4.878	59	8968	101.092	ug/l #	88
12) 1,1-Dichloroethene	3.799	96	19777	16.234	ug/l	85
13) Acrolein	3.659	56	10850	79.426	ug/l	97
14) Allyl chloride	4.391	41	37159	18.098	ug/l	95
15) Acrylonitrile	5.067	53	27279	101.837	ug/l	97
16) Acetone	3.879	43	21320	104.433	ug/l	98
17) Carbon Disulfide	4.116	76	37829	9.903	ug/l	99
18) Methyl Acetate	4.397	43	14629	20.413	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	61646	20.020	ug/l	100
20) Methylene Chloride	4.622	84	23907	18.838	ug/l	97
21) trans-1,2-Dichloroethene	5.128	96	22476	16.761	ug/l	89
22) Diisopropyl ether	6.031	45	88805	20.984	ug/l	98
23) Vinyl Acetate	5.970	43	235086	99.647	ug/l	99
24) 1,1-Dichloroethane	5.921	63	47650	19.218	ug/l	99
25) 2-Butanone	6.902	43	35708	106.440	ug/l	98
26) 2,2-Dichloropropane	6.890	77	46158	20.119	ug/l	95
27) cis-1,2-Dichloroethene	6.902	96	29407	19.052	ug/l	95
28) Bromochloromethane	7.256	49	18430	18.797	ug/l	99
29) Tetrahydrofuran	7.274	42	23282	102.562	ug/l	92
30) Chloroform	7.427	83	51910	20.382	ug/l	95
31) Cyclohexane	7.713	56	35918	16.086	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	48318	20.406	ug/l	99
36) 1,1-Dichloropropene	7.841	75	32382	17.325	ug/l	97
37) Ethyl Acetate	6.994	43	16773	20.457	ug/l	98
38) Carbon Tetrachloride	7.823	117	42294	19.366	ug/l	99
39) Methylcyclohexane	9.116	83	36283	15.870	ug/l	98
40) Benzene	8.085	78	102283	18.648	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	9118	19.222	ug/l	95
42) 1,2-Dichloroethane	8.164	62	30018	19.729	ug/l	98
43) Isopropyl Acetate	8.201	43	33819	20.758	ug/l	97
44) Trichloroethene	8.872	130	26295	18.556	ug/l	91
45) 1,2-Dichloropropane	9.146	63	26684	20.497	ug/l	99
46) Dibromomethane	9.237	93	14383	19.954	ug/l	98
47) Bromodichloromethane	9.433	83	40776	21.093	ug/l	95
48) Methyl methacrylate	9.225	41	14781	19.917	ug/l	89
49) 1,4-Dioxane	9.237	88	2750	409.822	ug/l	92
51) 4-Methyl-2-Pentanone	10.006	43	88313	107.793	ug/l	96
52) Toluene	10.176	92	64574	18.750	ug/l	97
53) t-1,3-Dichloropropene	10.402	75	34778	20.035	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	40697	19.801	ug/l #	88
55) 1,1,2-Trichloroethane	10.579	97	20057	21.488	ug/l	97
56) Ethyl methacrylate	10.445	69	24713	19.791	ug/l #	85
57) 1,3-Dichloropropane	10.725	76	33168	20.530	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	53272	89.674	ug/l	99
59) 2-Hexanone	10.768	43	57666	109.318	ug/l	94
60) Dibromochloromethane	10.920	129	27275	20.807	ug/l	99
61) 1,2-Dibromoethane	11.024	107	17365	19.862	ug/l	99
64) Tetrachloroethene	10.652	164	22827	18.390	ug/l	97
65) Chlorobenzene	11.450	112	73932	19.858	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	27931	21.110	ug/l	97
67) Ethyl Benzene	11.524	91	128505	19.514	ug/l	98
68) m/p-Xylenes	11.633	106	96396	39.129	ug/l	95
69) o-Xylene	11.963	106	45835	19.956	ug/l	96
70) Styrene	11.975	104	78509	20.509	ug/l	98
71) Bromoform	12.139	173	16410	22.282	ug/l #	99
73) Isopropylbenzene	12.261	105	128433	19.350	ug/l	100
74) N-amyl acetate	12.078	43	28662	19.752	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	22960	20.800	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	16938m	21.975	ug/l	
77) Bromobenzene	12.542	156	29323	19.145	ug/l	95
78) n-propylbenzene	12.603	91	156018	19.733	ug/l	100
79) 2-Chlorotoluene	12.688	91	87822	19.393	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	105043	19.520	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	7304	19.336	ug/l	91
82) 4-Chlorotoluene	12.786	91	91385	19.807	ug/l	100
83) tert-Butylbenzene	13.005	119	96351	19.698	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	104482	19.857	ug/l	100
85) sec-Butylbenzene	13.182	105	139721	19.844	ug/l	97
86) p-Isopropyltoluene	13.298	119	115603	19.765	ug/l	98
87) 1,3-Dichlorobenzene	13.298	146	59774	20.212	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	58432	20.066	ug/l	99
89) n-Butylbenzene	13.627	91	107365	20.122	ug/l	98
90) Hexachloroethane	13.889	117	25044	20.525	ug/l	87
91) 1,2-Dichlorobenzene	13.663	146	51277	19.976	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3419	20.727	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	28012	19.605	ug/l	98
94) Hexachlorobutadiene	15.029	225	19744	20.853	ug/l	96
95) Naphthalene	15.151	128	45116	19.737	ug/l	98
96) 1,2,3-Trichlorobenzene	15.340	180	23444	19.717	ug/l	98

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ClientSampleId :
VY0214SBS01

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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

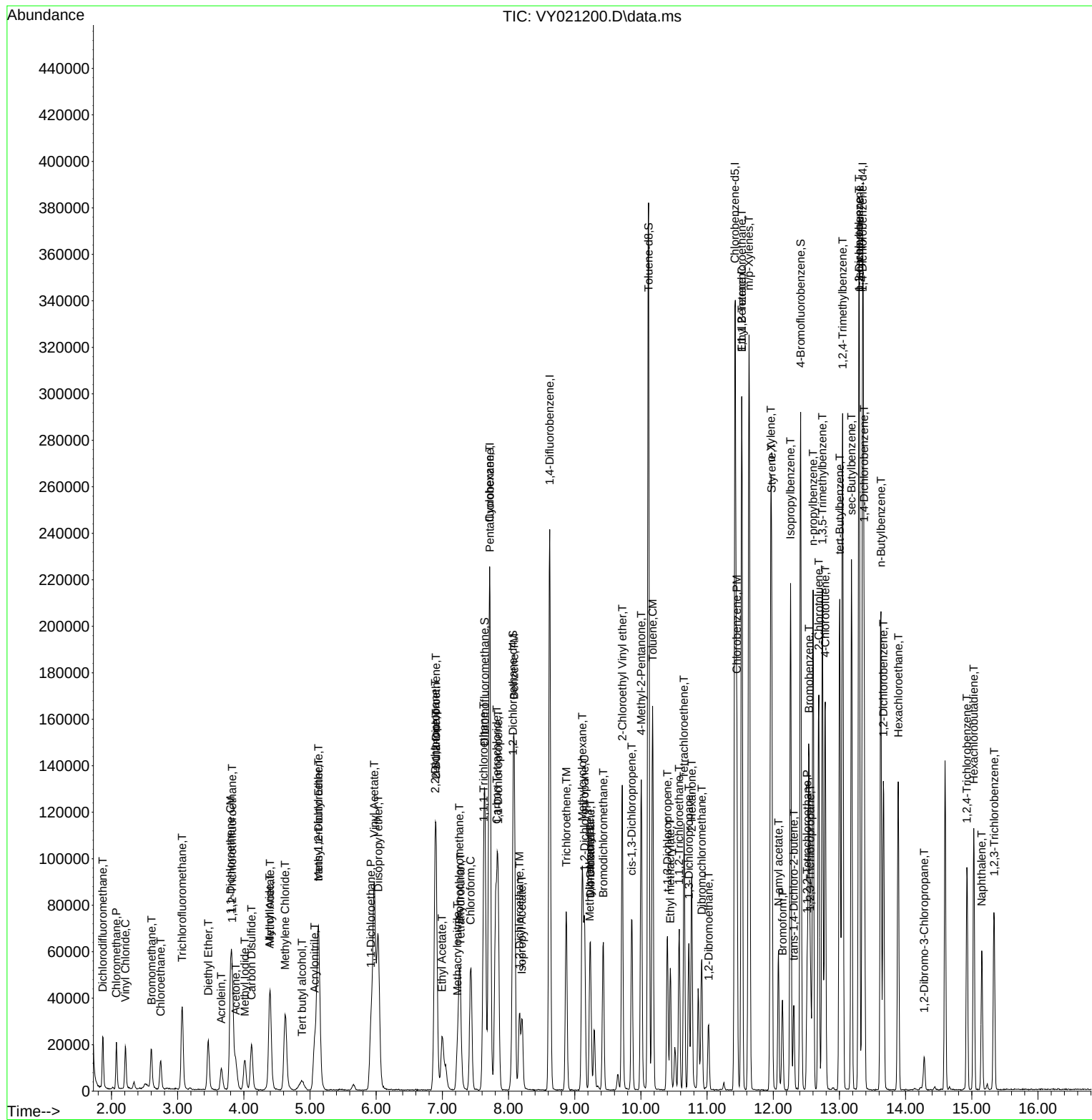
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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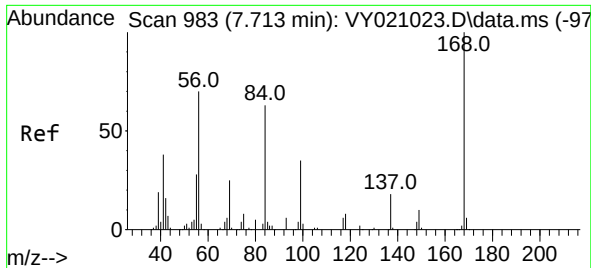
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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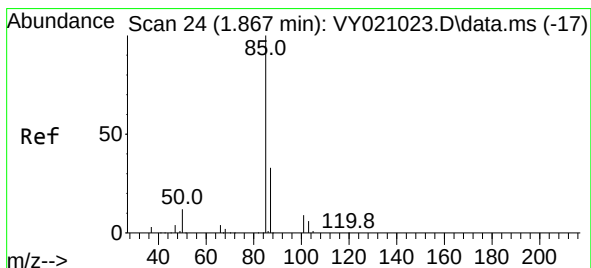
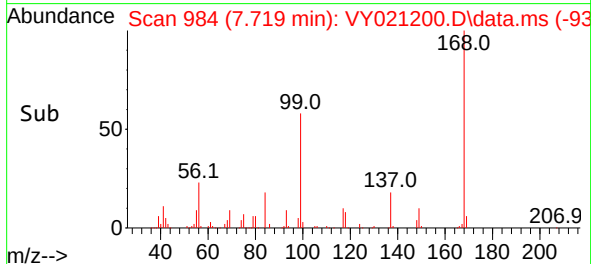
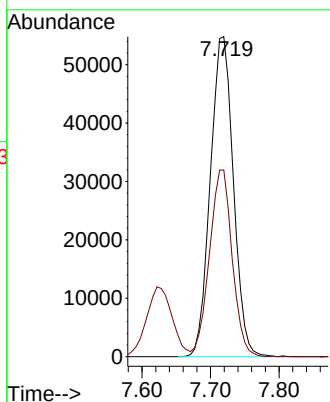
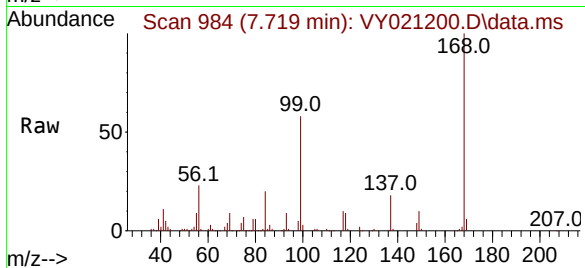




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021200.D
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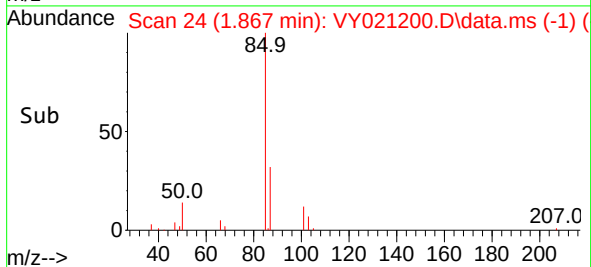
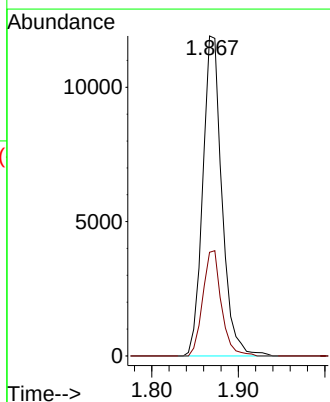
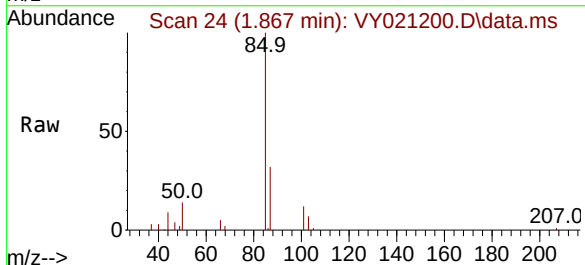
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

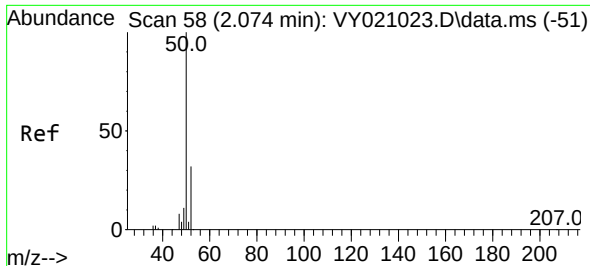
Tgt Ion:168 Resp: 127769
Ion Ratio Lower Upper
168 100
99 58.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 16.068 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 85 Resp: 18298
Ion Ratio Lower Upper
85 100
87 32.4 17.1 51.3

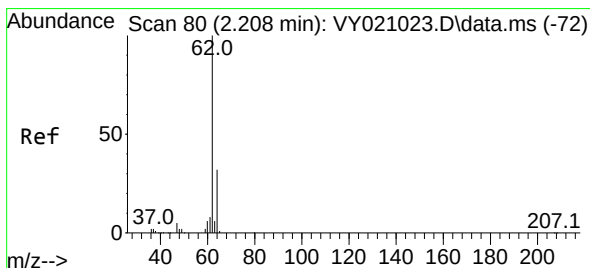
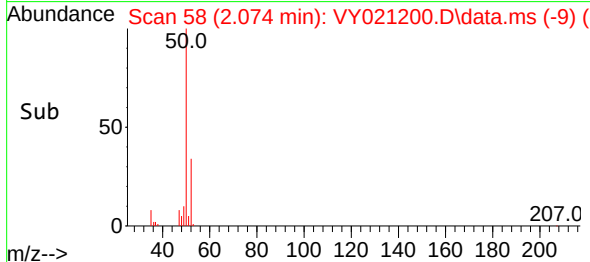
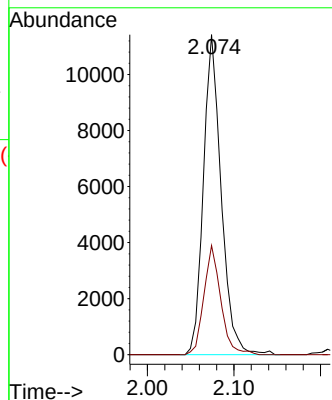
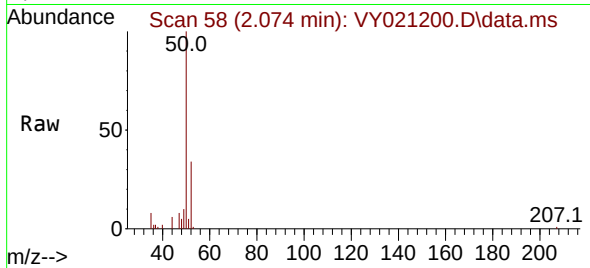




#3
Chloromethane
Concen: 14.521 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

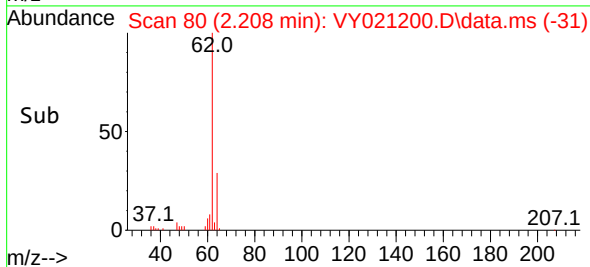
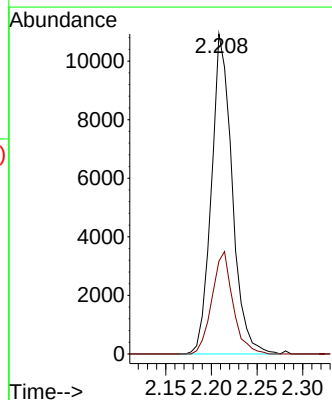
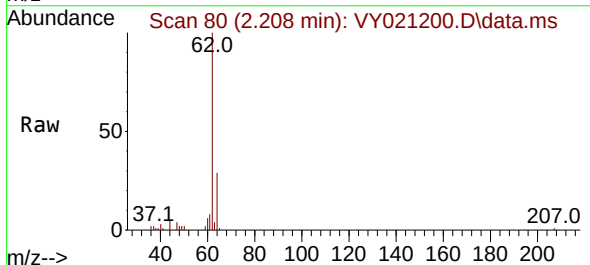
Instrument :
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ClientSampleId :
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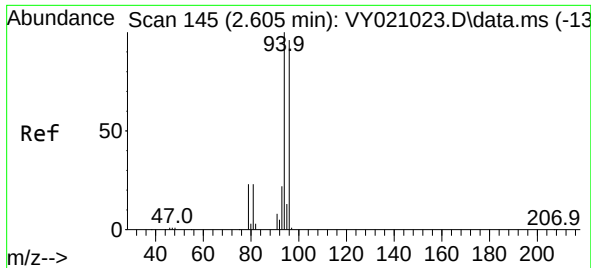
Tgt Ion: 50 Resp: 16318
Ion Ratio Lower Upper
50 100
52 34.1 26.7 40.1



#4
Vinyl Chloride
Concen: 15.237 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 62 Resp: 17234
Ion Ratio Lower Upper
62 100
64 29.0 25.7 38.5

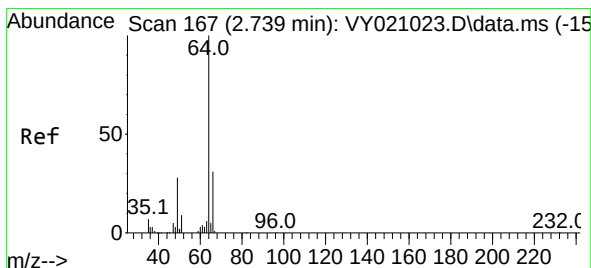
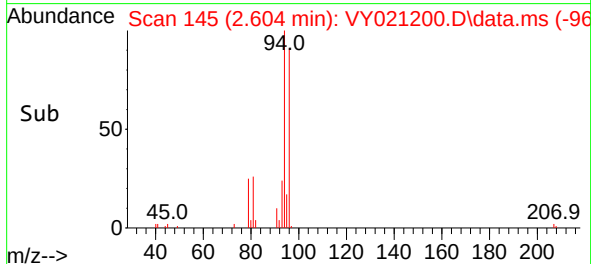
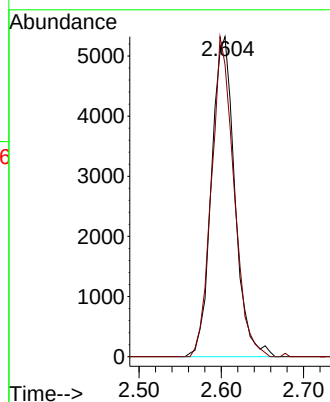
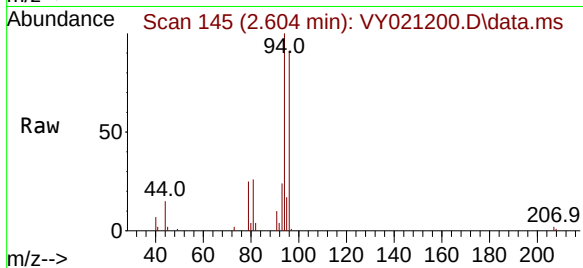




#5
Bromomethane
Concen: 14.964 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

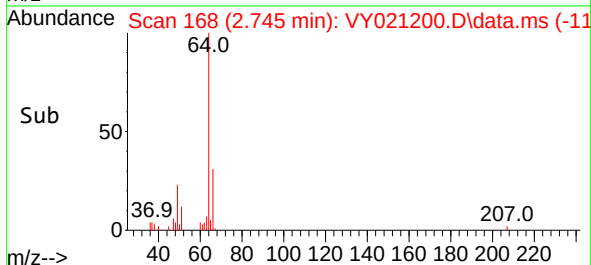
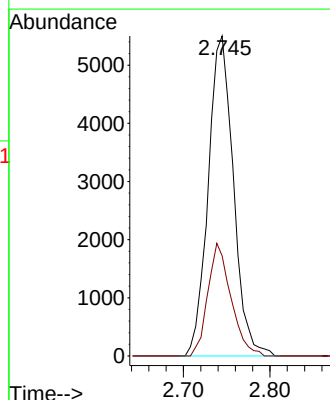
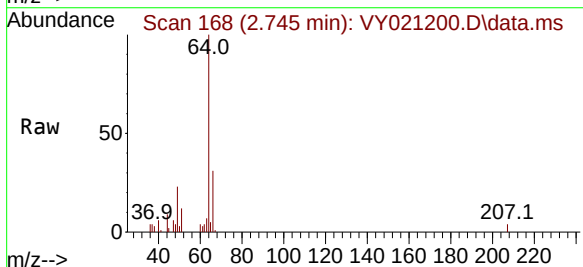
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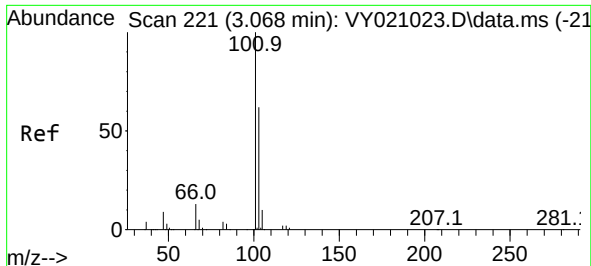
Tgt Ion: 94 Resp: 10461
Ion Ratio Lower Upper
94 100
96 91.4 77.3 115.9



#6
Chloroethane
Concen: 16.514 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 64 Resp: 11119
Ion Ratio Lower Upper
64 100
66 31.3 25.1 37.7

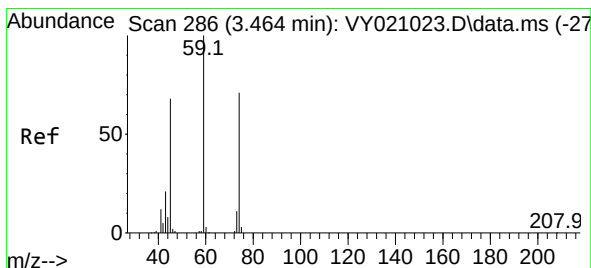
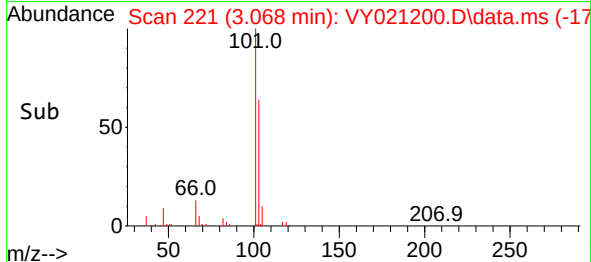
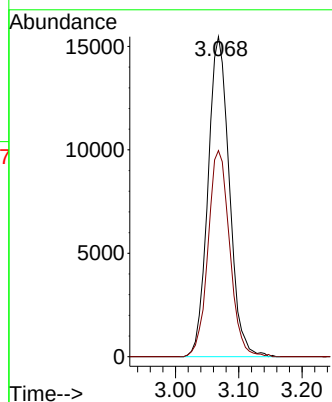
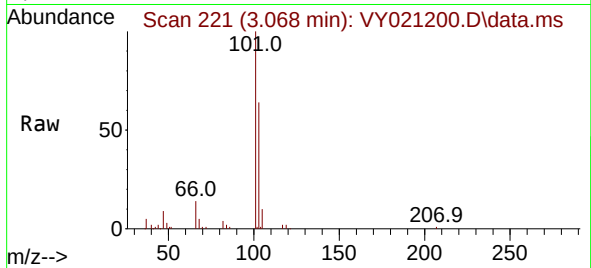




#7
 Trichlorofluoromethane
 Concen: 17.598 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY021200.D
 Acq: 14 Feb 2025 10:13

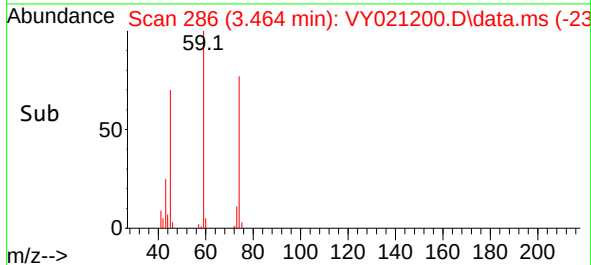
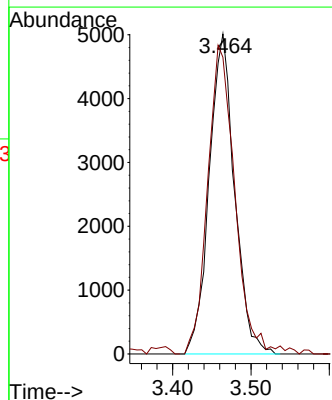
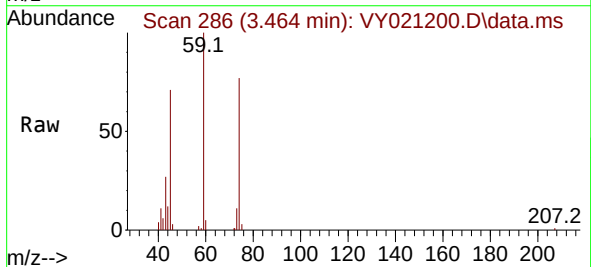
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBS01

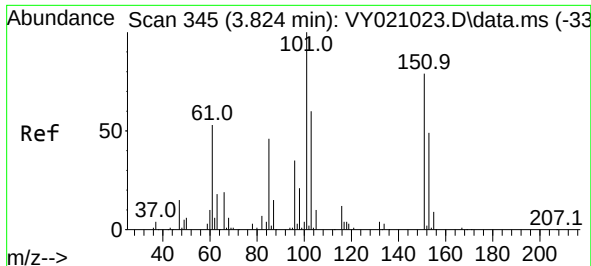
Tgt Ion:101 Resp: 36263
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 17.492 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VY021200.D
 Acq: 14 Feb 2025 10:13

Tgt Ion: 74 Resp: 11252
 Ion Ratio Lower Upper
 74 100
 45 103.9 47.9 143.7

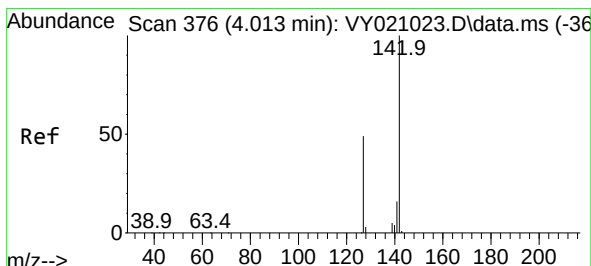
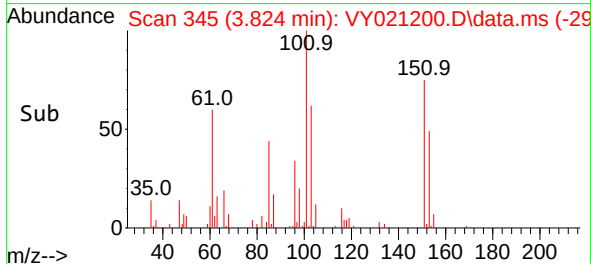
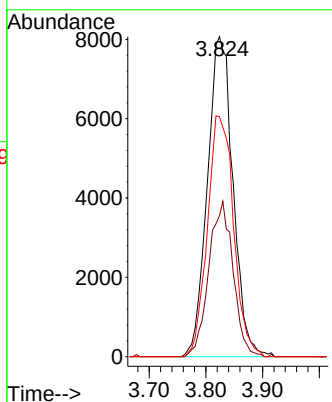
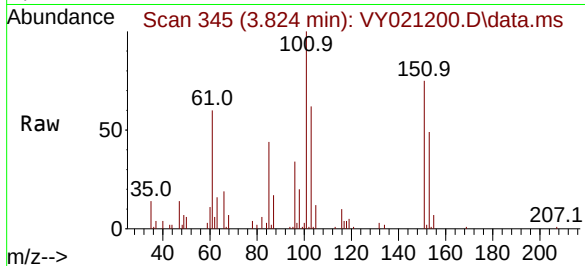




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.570 ug/l
RT: 3.824 min Scan# 345
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

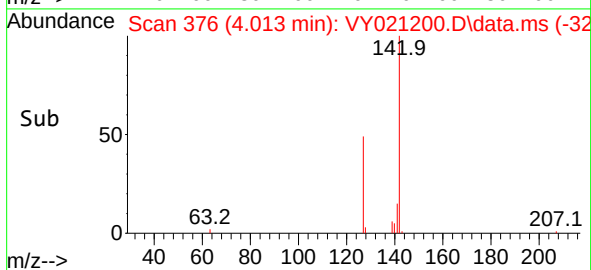
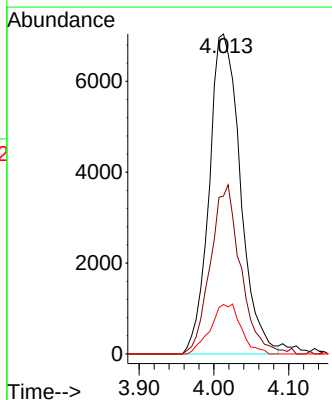
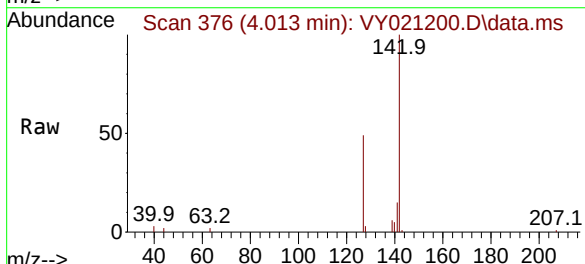
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

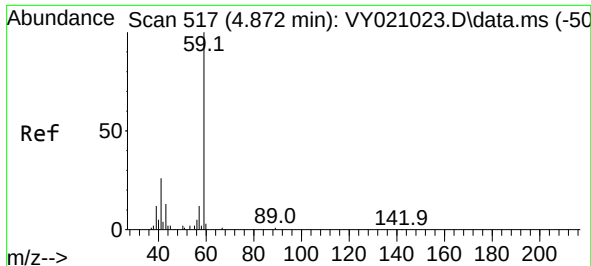
Tgt Ion:	101	Resp:	25309
Ion	Ratio	Lower	Upper
101	100		
85	46.0	35.8	53.6
151	76.9	58.6	88.0



#10
Methyl Iodide
Concen: 14.222 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion:	142	Resp:	20434
Ion	Ratio	Lower	Upper
142	100		
127	51.3	35.1	52.7
141	15.3	11.8	17.6

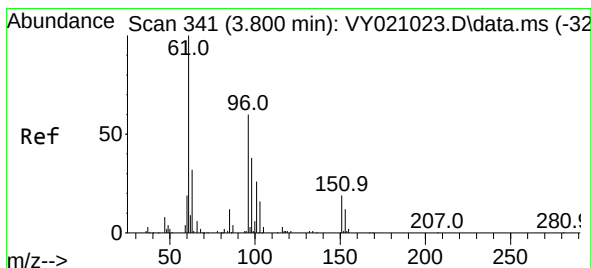
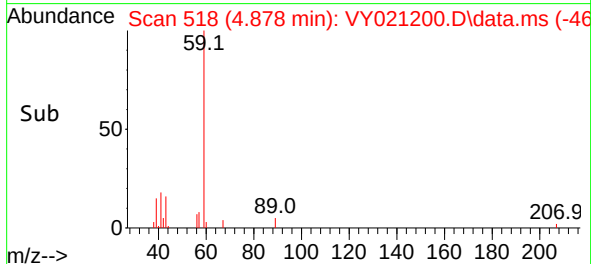
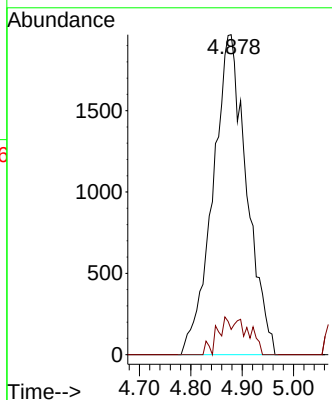
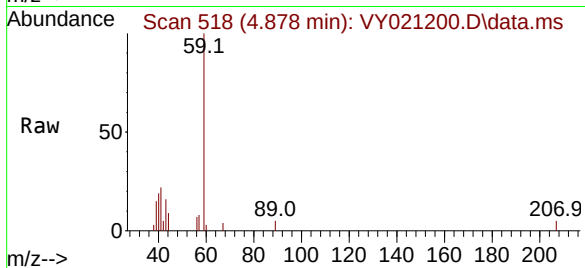




#11
Tert butyl alcohol
Concen: 101.092 ug/l
RT: 4.878 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

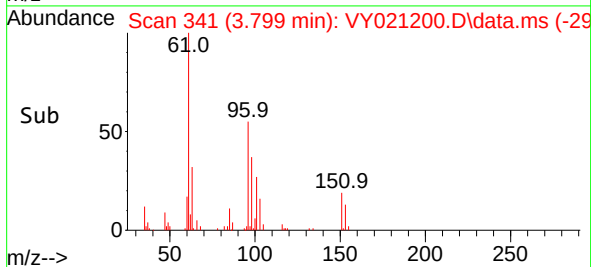
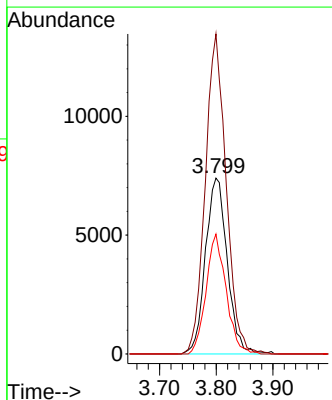
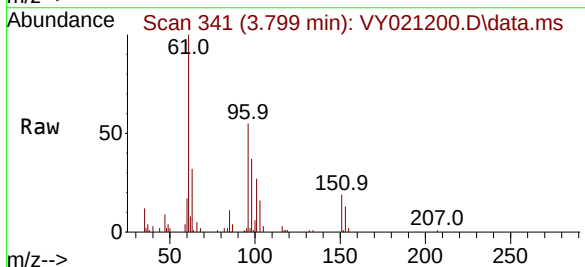
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

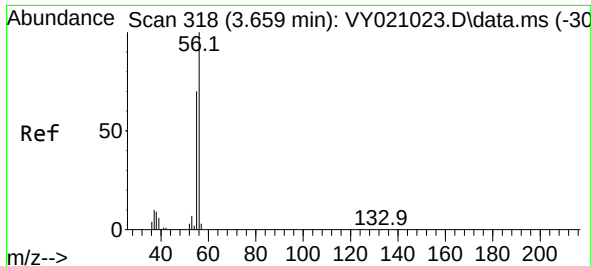
Tgt Ion: 59 Resp: 8968
Ion Ratio Lower Upper
59 100
57 4.7 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 16.234 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 96 Resp: 19777
Ion Ratio Lower Upper
96 100
61 181.9 124.2 186.2
98 68.1 52.6 79.0

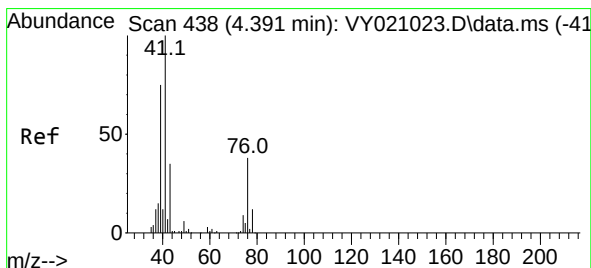
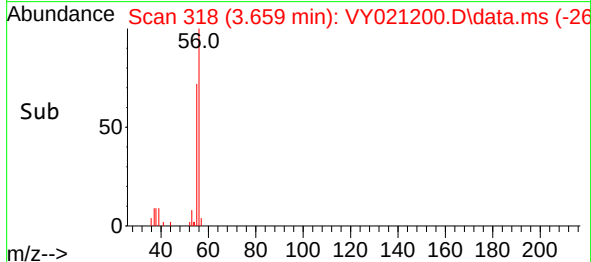
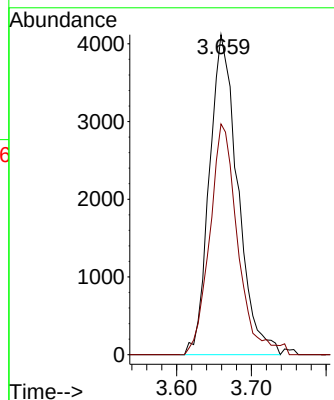
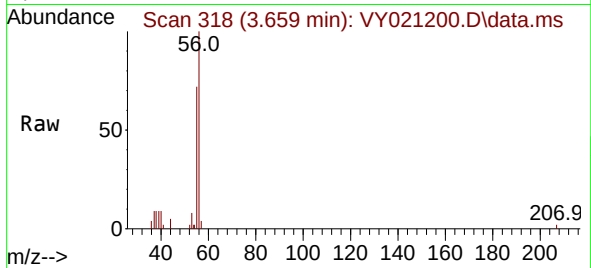




#13
Acrolein
Concen: 79.426 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

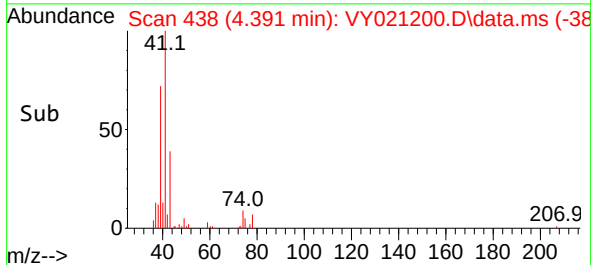
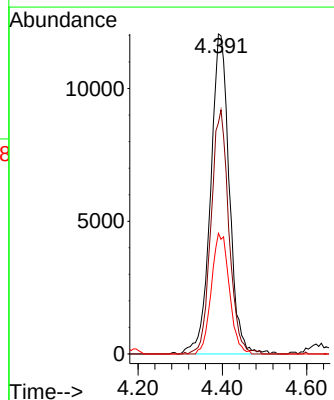
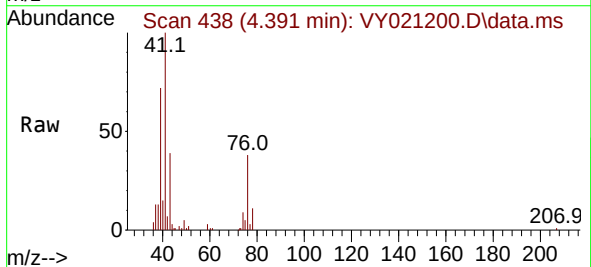
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

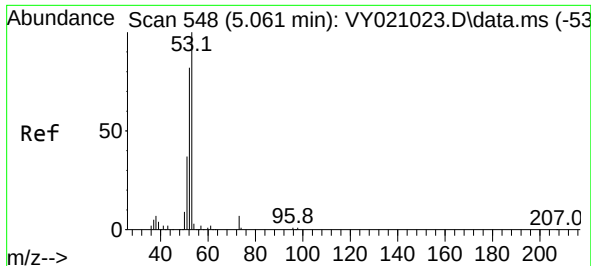
Tgt Ion: 56 Resp: 10850
Ion Ratio Lower Upper
56 100
55 71.2 55.4 83.0



#14
Allyl chloride
Concen: 18.098 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 41 Resp: 37159
Ion Ratio Lower Upper
41 100
39 72.7 54.7 82.1
76 36.2 31.8 47.6

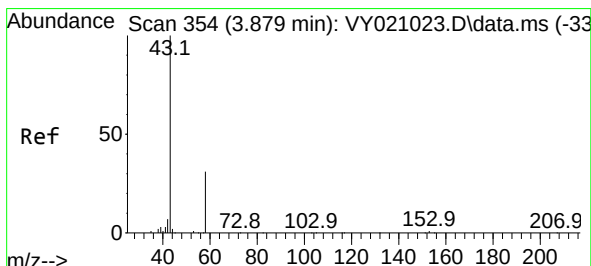
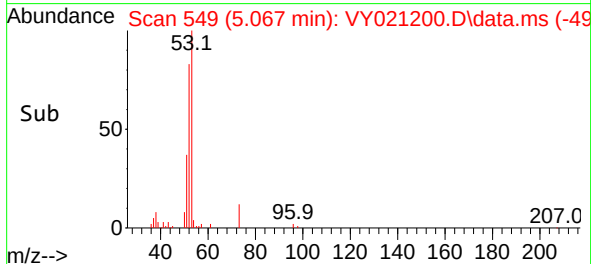
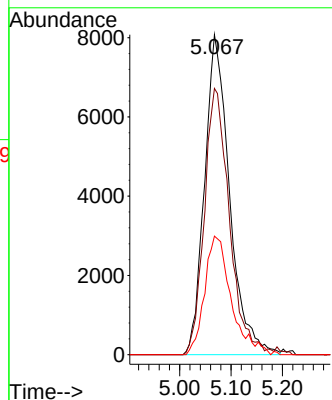
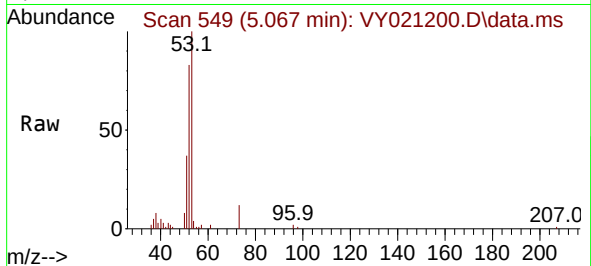




#15
Acrylonitrile
Concen: 101.837 ug/l
RT: 5.067 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

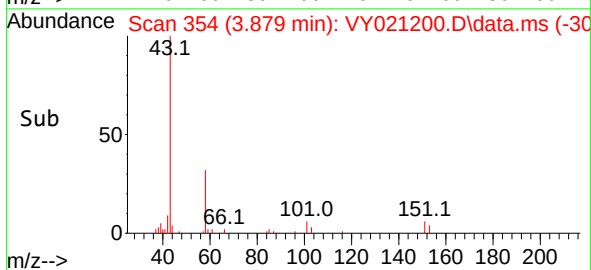
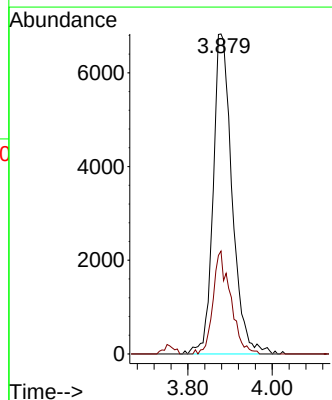
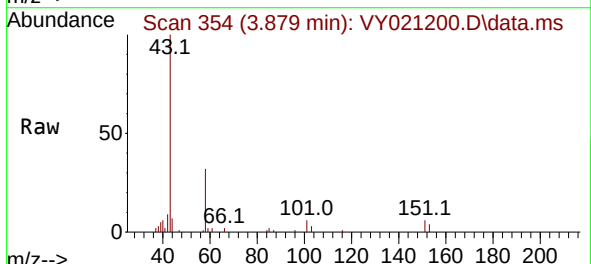
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

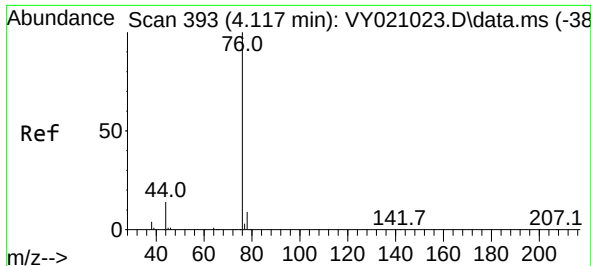
Tgt Ion: 53	Resp: 27279
Ion Ratio	Lower Upper
53 100	
52 83.6	65.1 97.7
51 39.3	29.0 43.4



#16
Acetone
Concen: 104.433 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 43	Resp: 21320
Ion Ratio	Lower Upper
43 100	
58 32.2	26.6 39.8

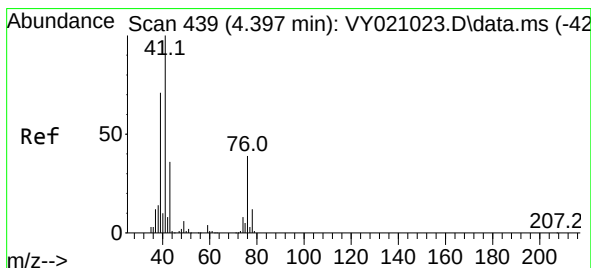
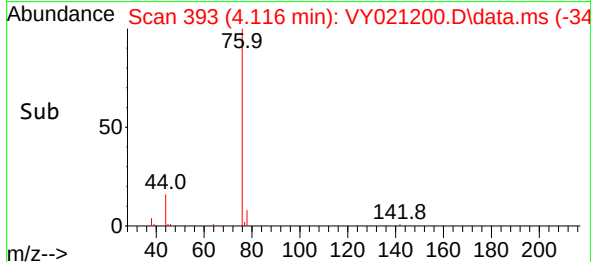
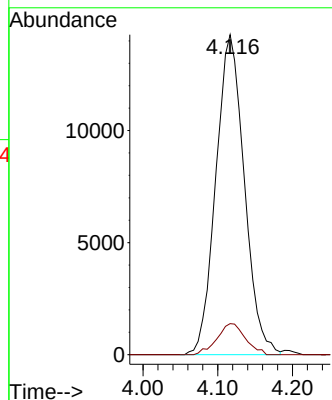
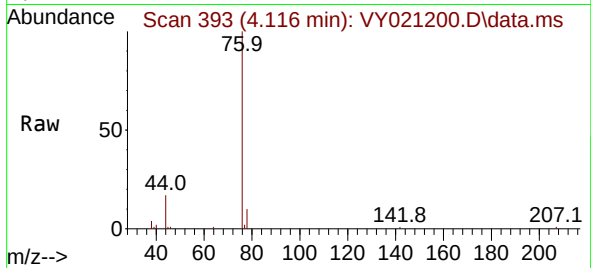




#17
Carbon Disulfide
Concen: 9.903 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

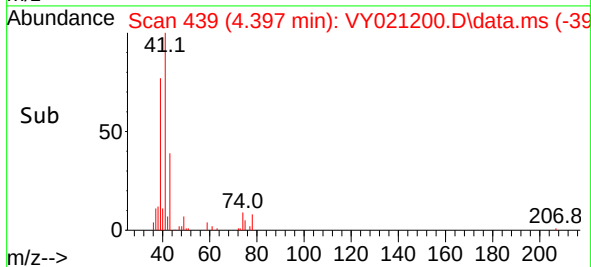
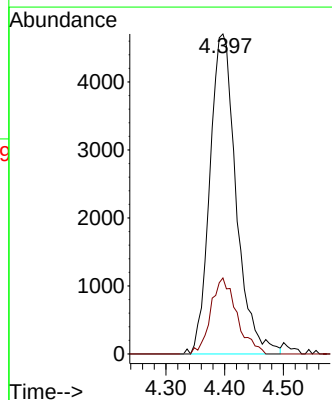
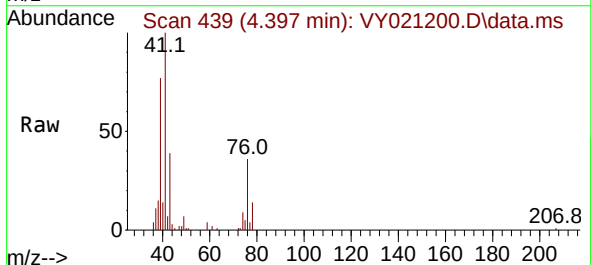
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

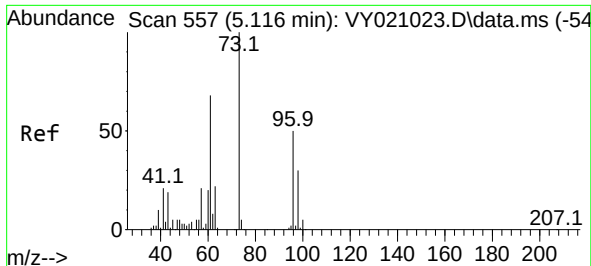
Tgt Ion: 76 Resp: 37829
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 20.413 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 43 Resp: 14629
Ion Ratio Lower Upper
43 100
74 23.5 19.8 29.6

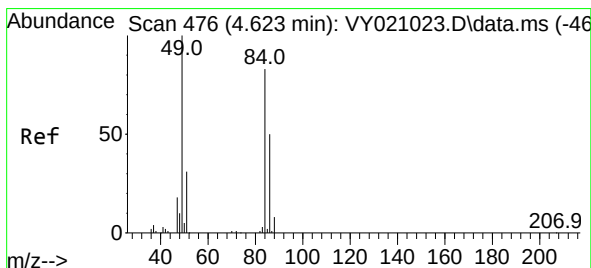
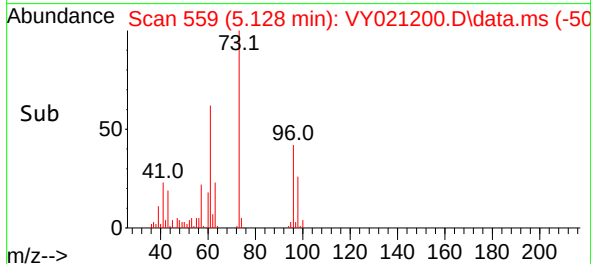
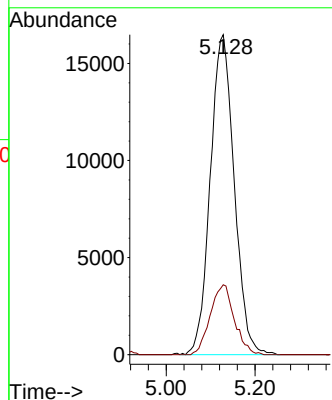
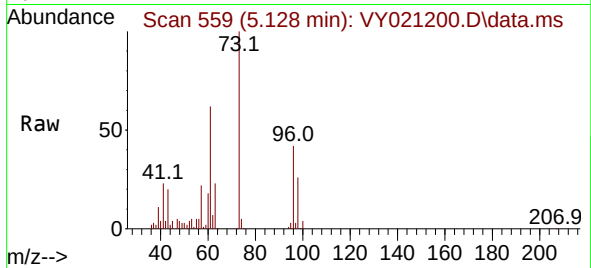




#19
Methyl tert-butyl Ether
Concen: 20.020 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

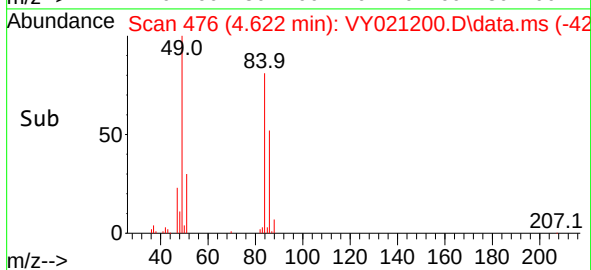
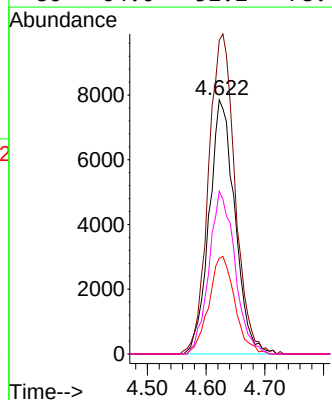
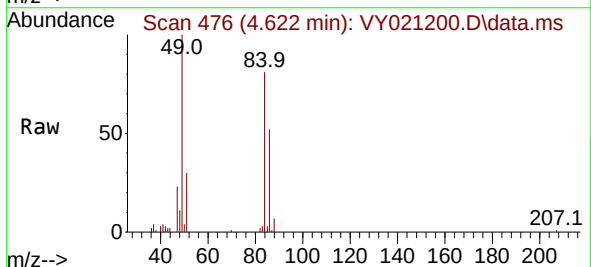
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

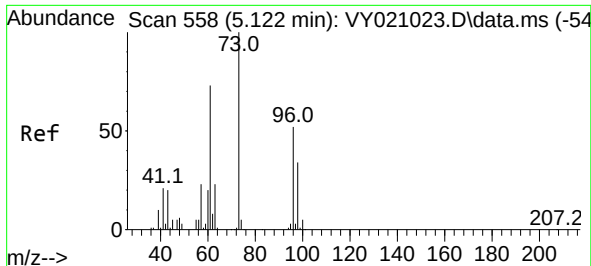
Tgt Ion: 73 Resp: 61646
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 18.838 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 84 Resp: 23907
Ion Ratio Lower Upper
84 100
49 123.4 95.2 142.8
51 37.6 29.9 44.9
86 64.0 52.2 78.4

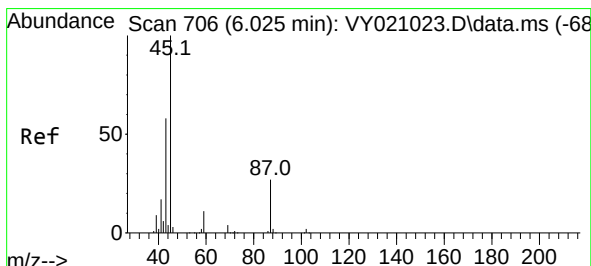
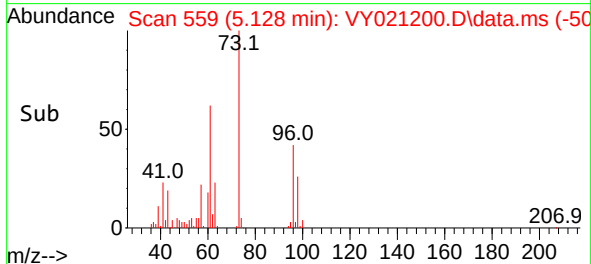
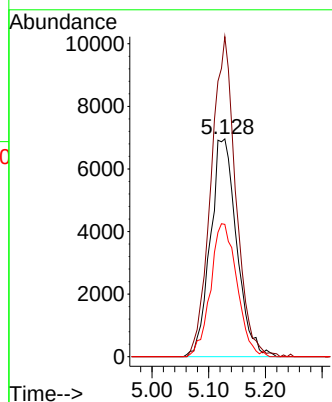
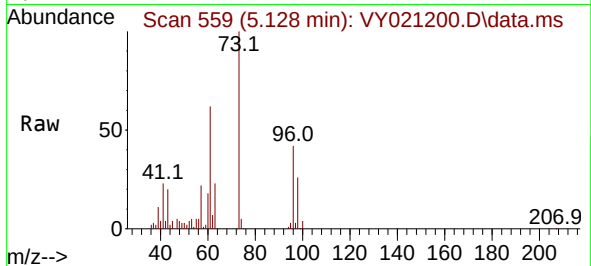




#21
trans-1,2-Dichloroethene
Concen: 16.761 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

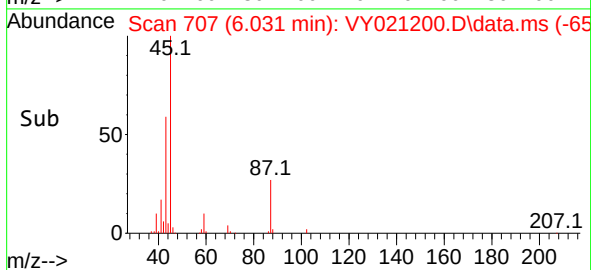
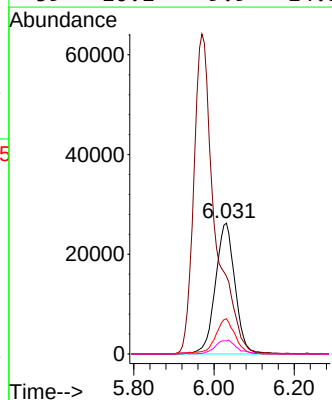
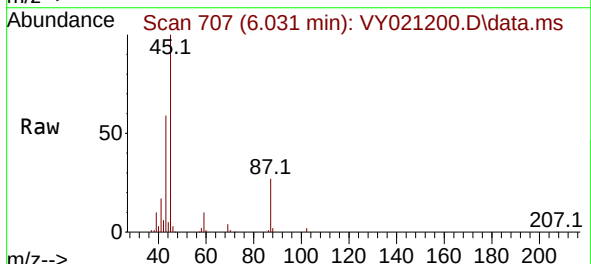
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

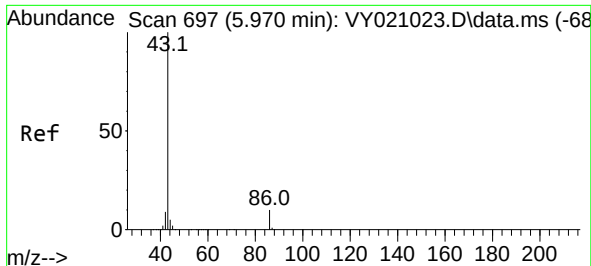
Tgt Ion: 96 Resp: 22476
Ion Ratio Lower Upper
96 100
61 147.0 104.6 156.8
98 60.8 50.9 76.3



#22
Diisopropyl ether
Concen: 20.984 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 45 Resp: 88805
Ion Ratio Lower Upper
45 100
43 58.9 46.8 70.2
87 26.9 22.2 33.2
59 10.1 9.9 14.9

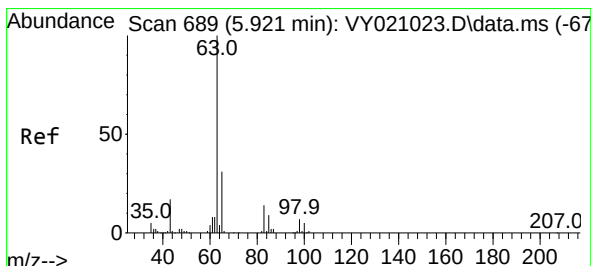
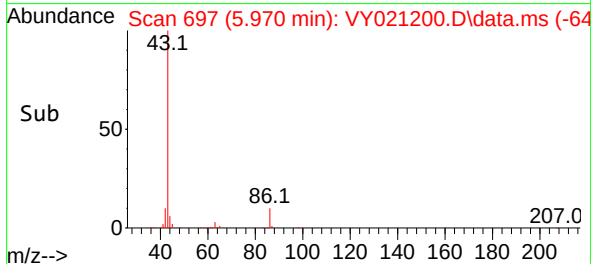
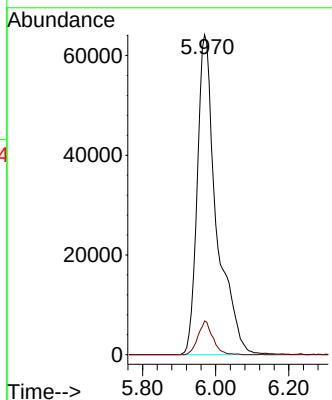
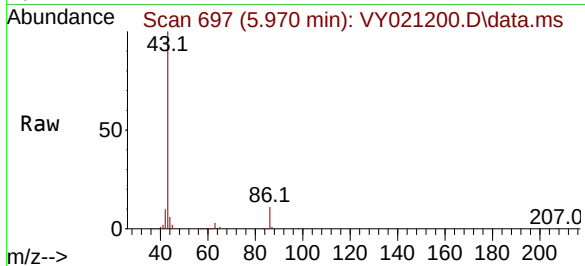




#23
 Vinyl Acetate
 Concen: 99.647 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY021200.D
 Acq: 14 Feb 2025 10:13

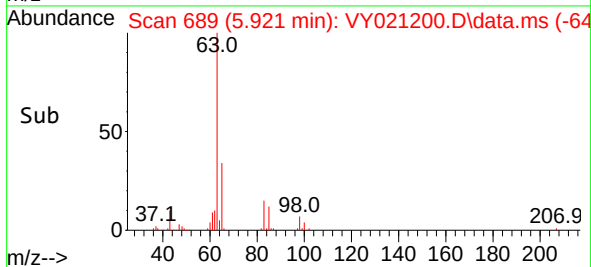
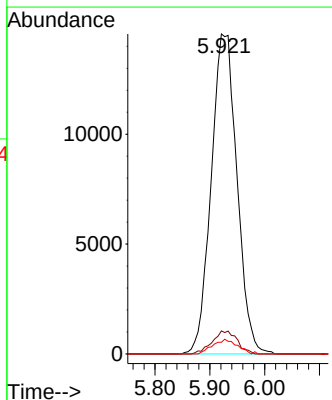
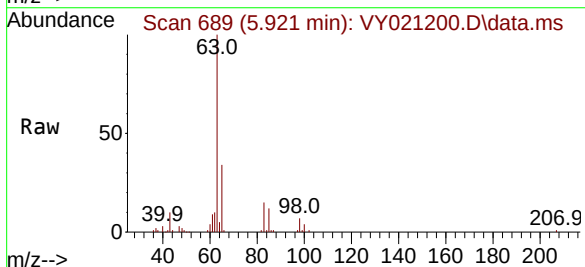
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBS01

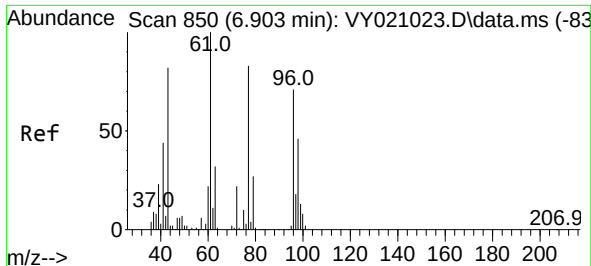
Tgt Ion: 43 Resp: 235086
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.218 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY021200.D
 Acq: 14 Feb 2025 10:13

Tgt Ion: 63 Resp: 47650
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 3.7 2.1 6.2





#25

2-Butanone

Concen: 106.440 ug/l

RT: 6.902 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

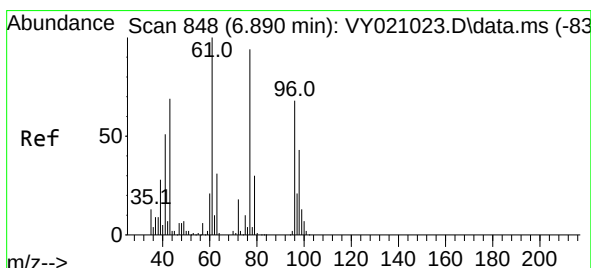
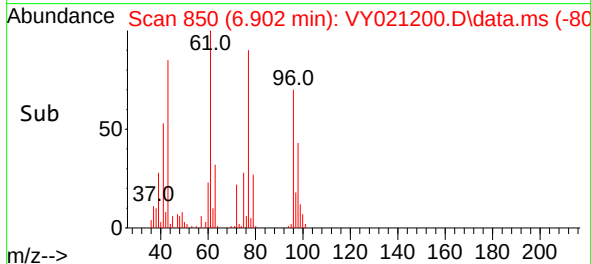
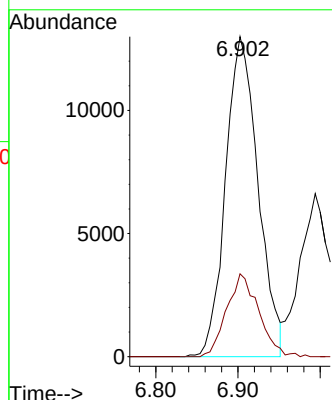
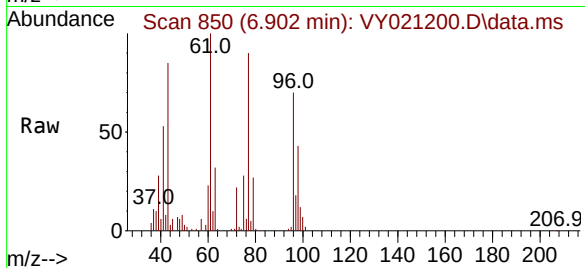
VY0214SBS01

Tgt Ion: 43 Resp: 35708

Ion Ratio Lower Upper

43 100

72 25.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 20.119 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY021200.D

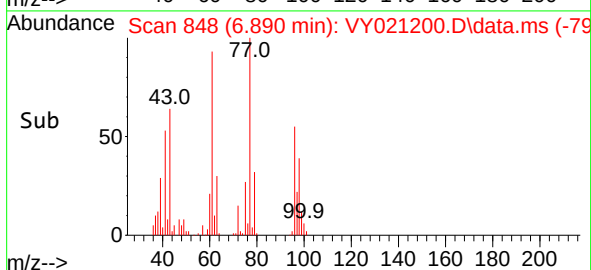
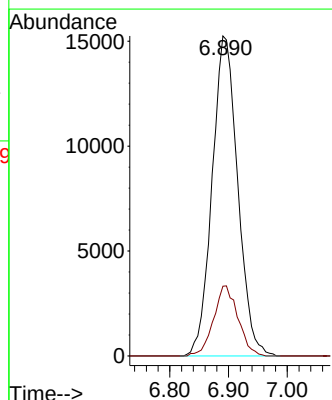
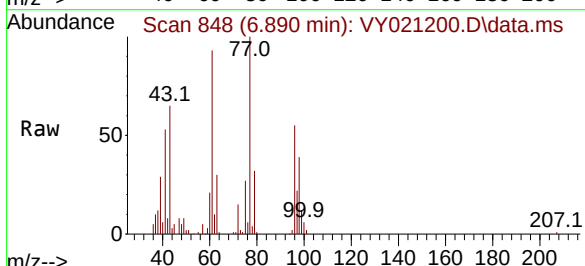
Acq: 14 Feb 2025 10:13

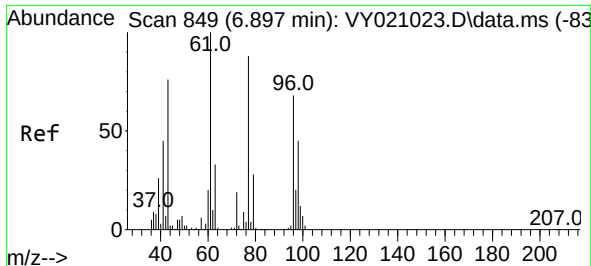
Tgt Ion: 77 Resp: 46158

Ion Ratio Lower Upper

77 100

97 20.9 11.7 35.0

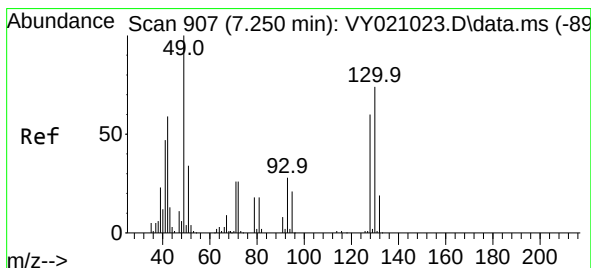
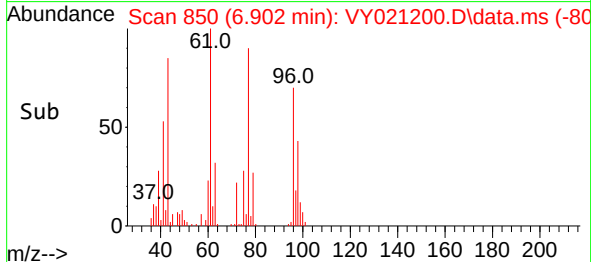
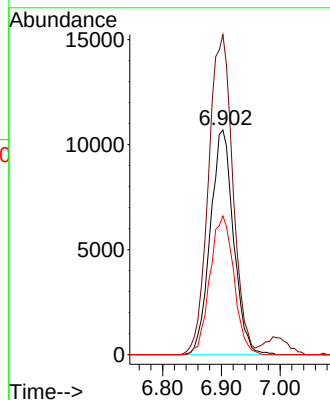
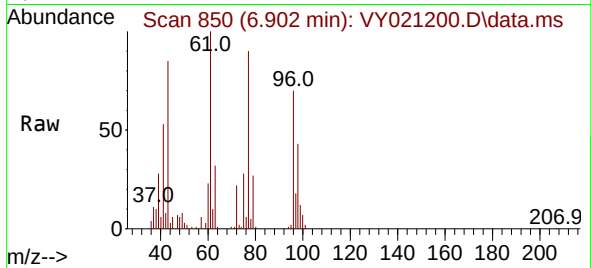




#27
 cis-1,2-Dichloroethene
 Concen: 19.052 ug/l
 RT: 6.902 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY021200.D
 Acq: 14 Feb 2025 10:13

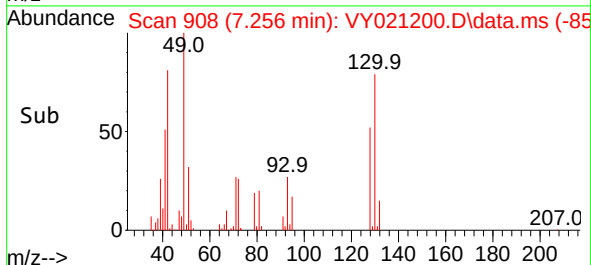
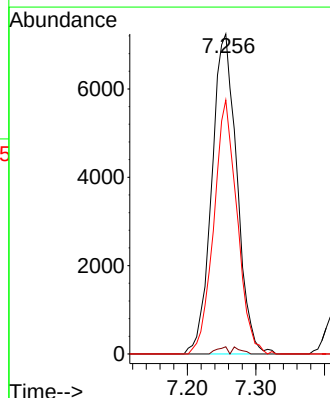
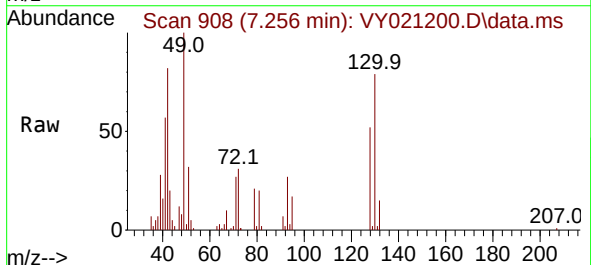
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBS01

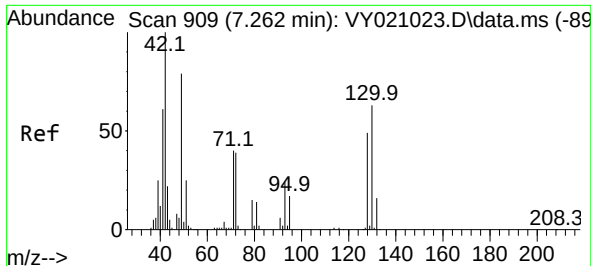
Tgt Ion: 96 Resp: 29407
 Ion Ratio Lower Upper
 96 100
 61 148.9 0.0 278.8
 98 63.6 0.0 127.0



#28
 Bromochloromethane
 Concen: 18.797 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021200.D
 Acq: 14 Feb 2025 10:13

Tgt Ion: 49 Resp: 18430
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.8
 130 73.6 59.8 89.8





#29

Tetrahydrofuran

Concen: 102.562 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

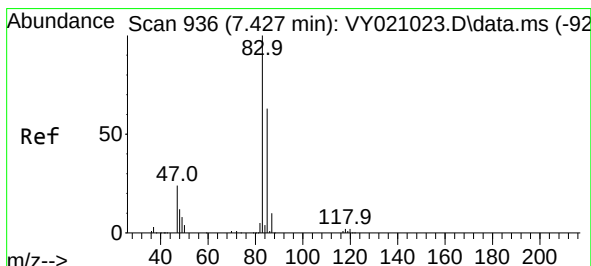
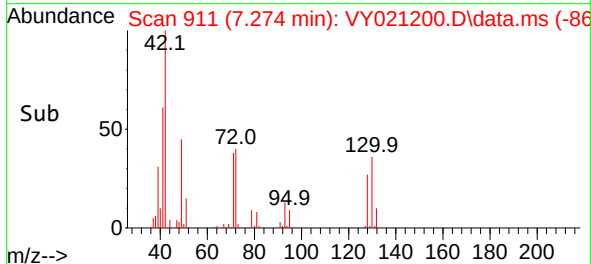
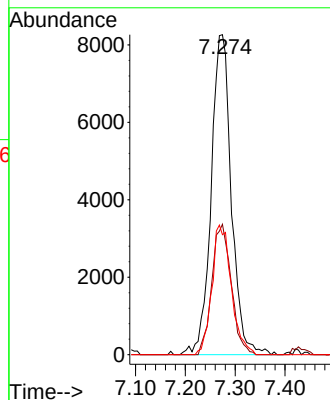
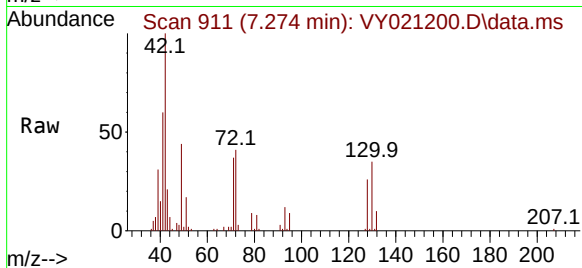
Tgt Ion: 42 Resp: 23282

Ion Ratio Lower Upper

42 100

72 39.1 36.6 54.8

71 38.8 33.8 50.6



#30

Chloroform

Concen: 20.382 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY021200.D

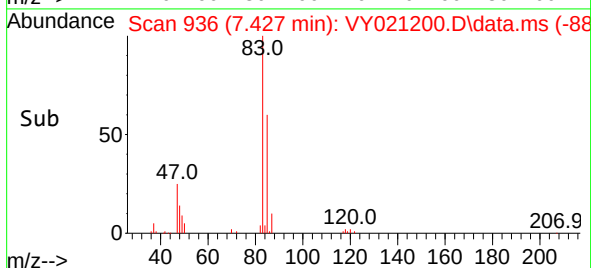
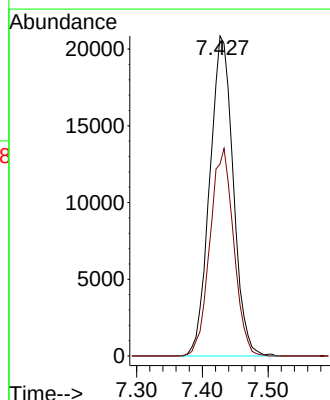
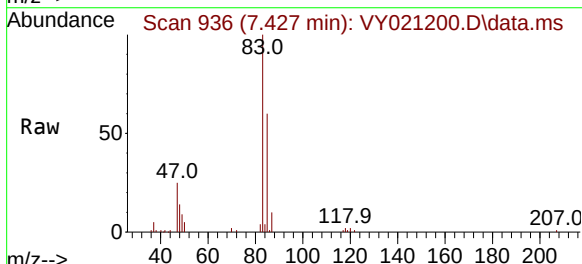
Acq: 14 Feb 2025 10:13

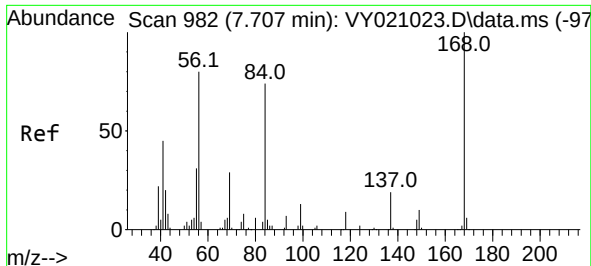
Tgt Ion: 83 Resp: 51910

Ion Ratio Lower Upper

83 100

85 60.0 51.2 76.8

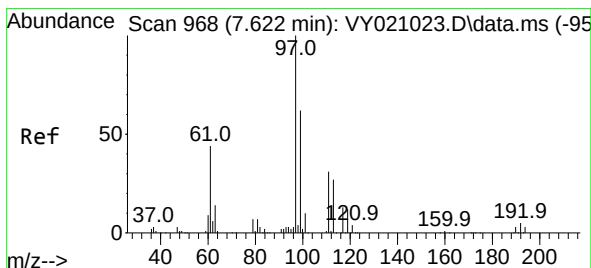
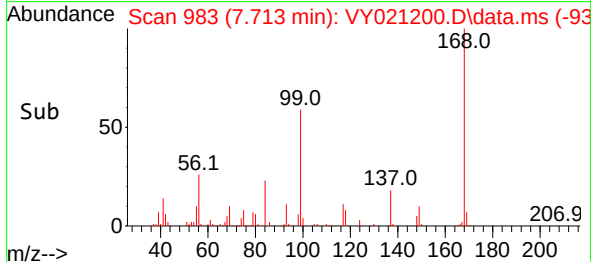
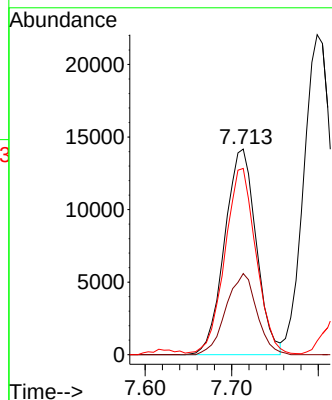
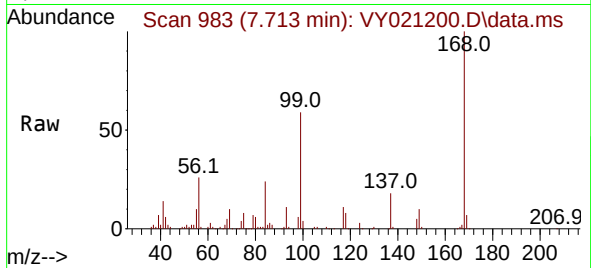




#31
Cyclohexane
Concen: 16.086 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

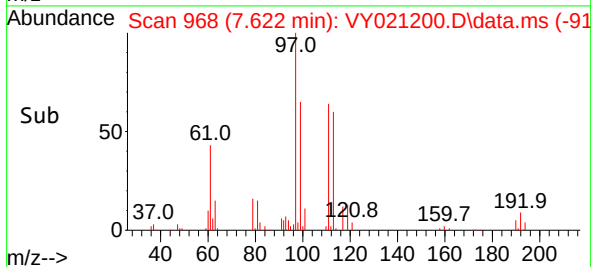
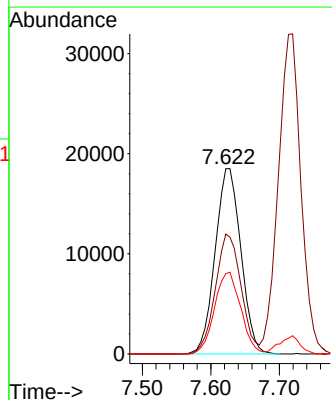
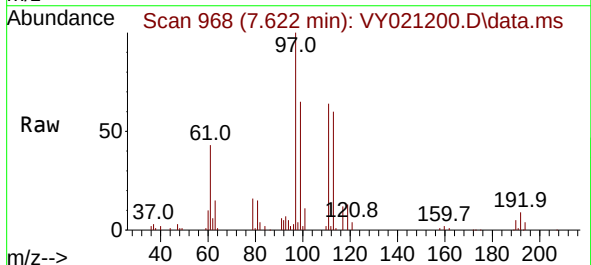
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

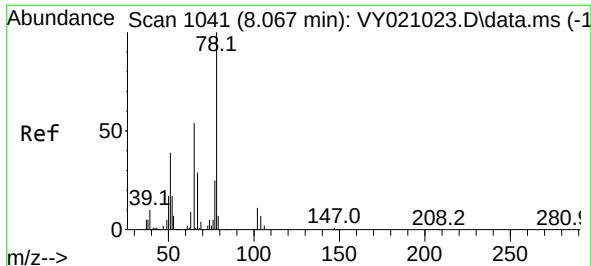
Tgt Ion: 56 Resp: 35918
Ion Ratio Lower Upper
56 100
69 39.5 27.0 40.6
84 88.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.406 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 97 Resp: 48318
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 44.7 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.154 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

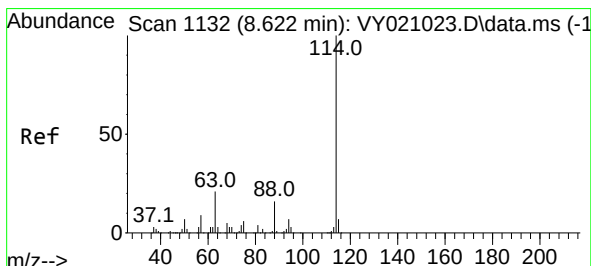
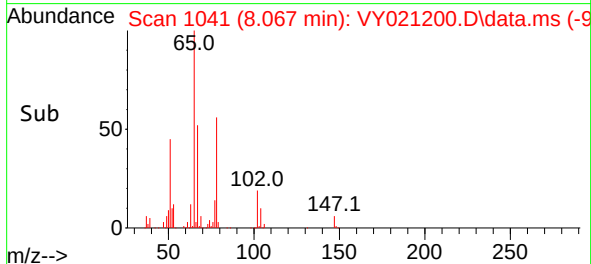
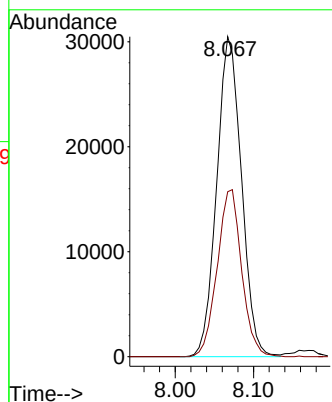
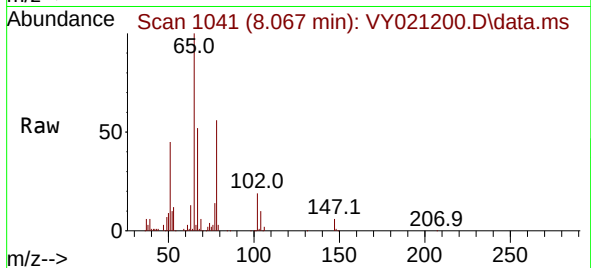
VY0214SBS01

Tgt Ion: 65 Resp: 66965

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

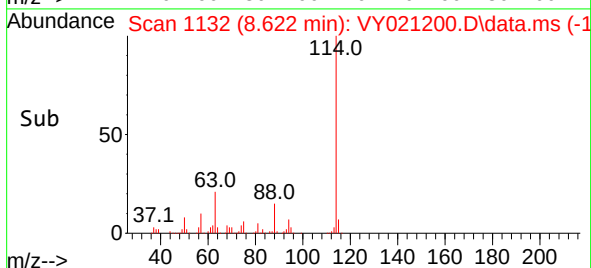
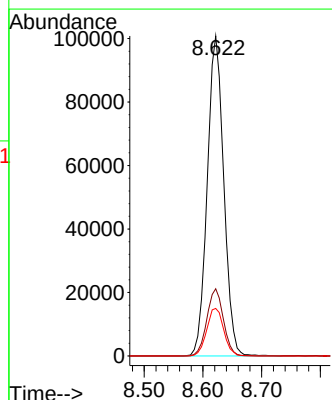
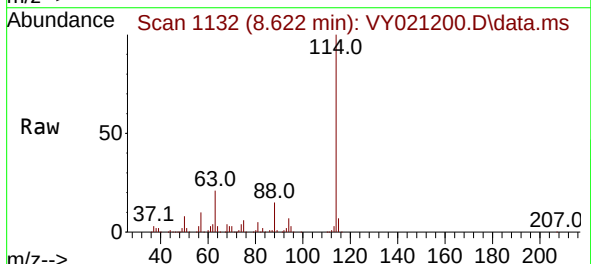
Tgt Ion: 114 Resp: 196900

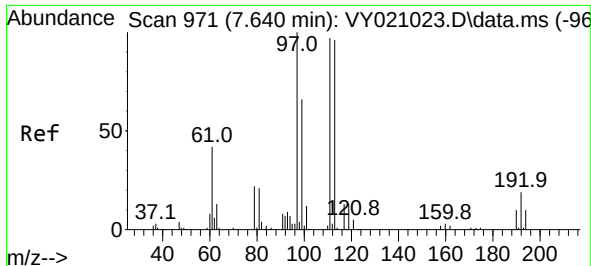
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 14.8 0.0 29.0

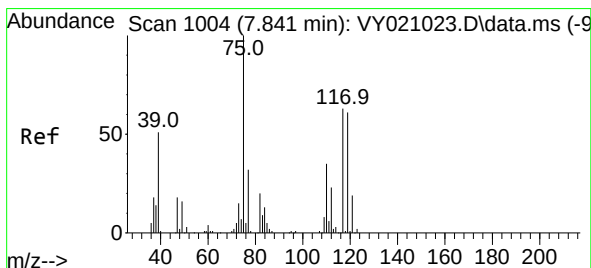
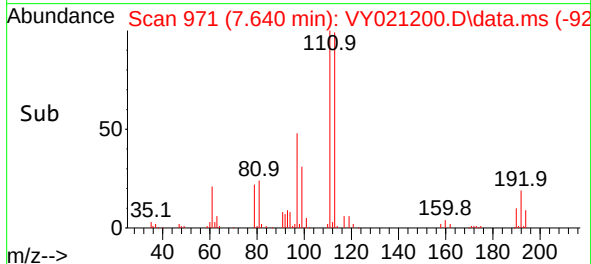
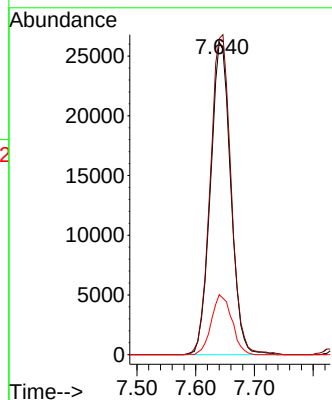
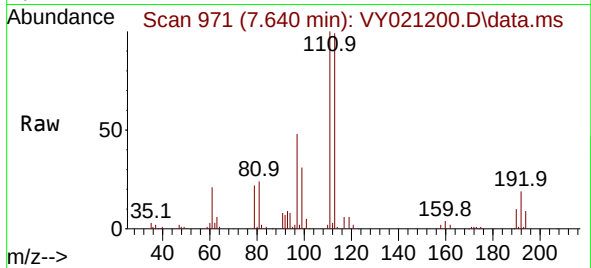




#35
Dibromofluoromethane
Concen: 49.630 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

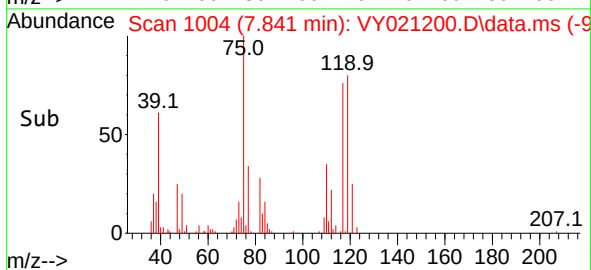
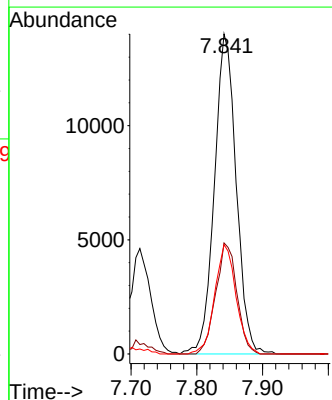
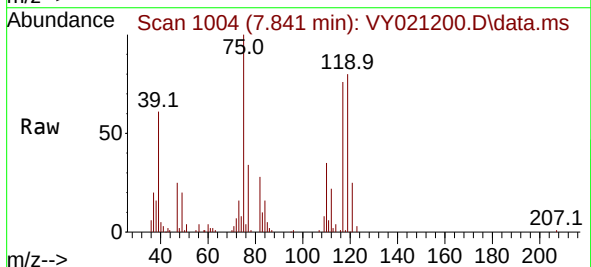
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

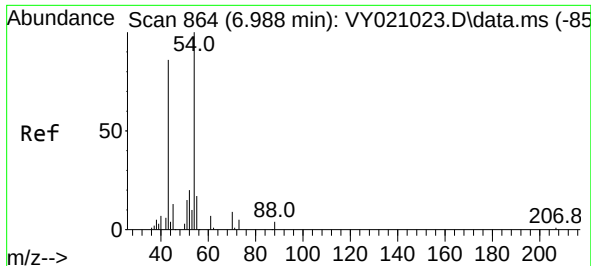
Tgt Ion:113 Resp: 62627
Ion Ratio Lower Upper
113 100
111 105.0 83.8 125.6
192 19.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 17.325 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 75 Resp: 32382
Ion Ratio Lower Upper
75 100
110 33.5 17.4 52.3
77 33.4 24.7 37.1





#37

Ethyl Acetate

Concen: 20.457 ug/l

RT: 6.994 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

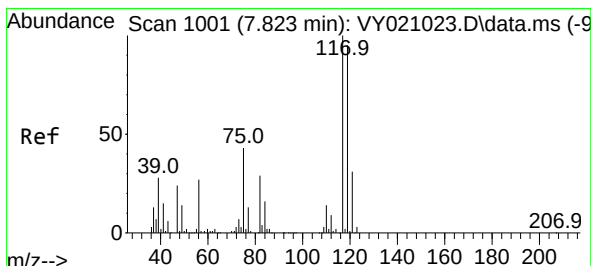
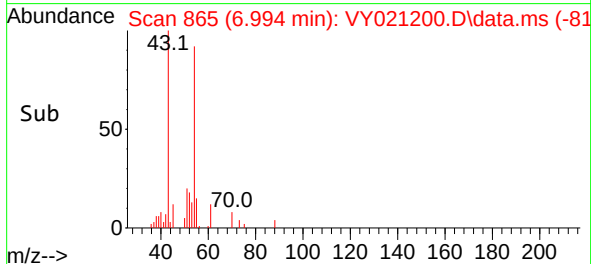
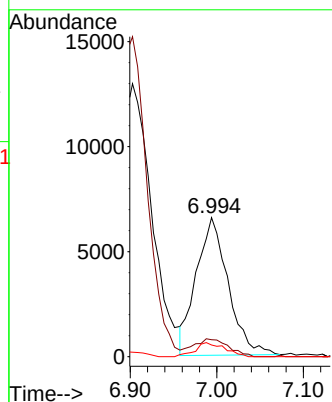
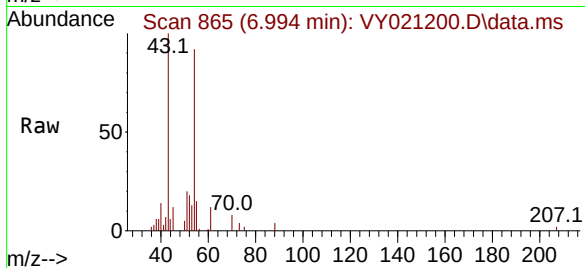
Tgt Ion: 43 Resp: 16773

Ion Ratio Lower Upper

43 100

61 14.4 11.0 16.6

70 9.4 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.366 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

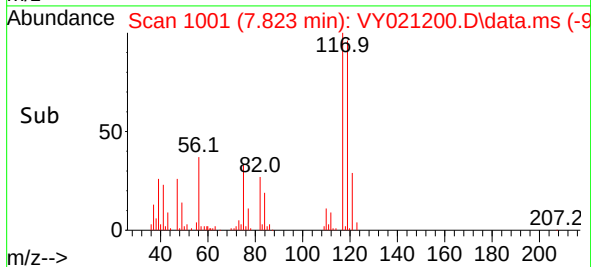
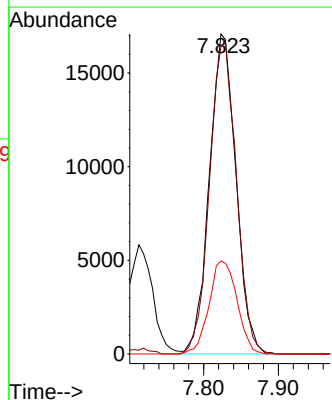
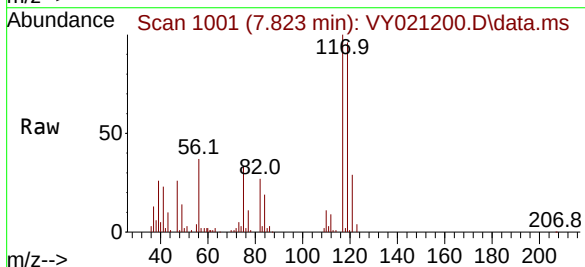
Tgt Ion: 117 Resp: 42294

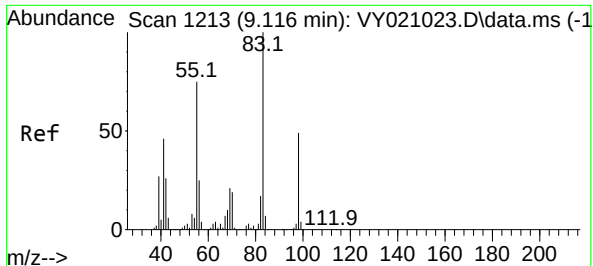
Ion Ratio Lower Upper

117 100

119 96.1 76.0 114.0

121 29.0 24.2 36.2





#39

Methylcyclohexane

Concen: 15.870 ug/l

RT: 9.116 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

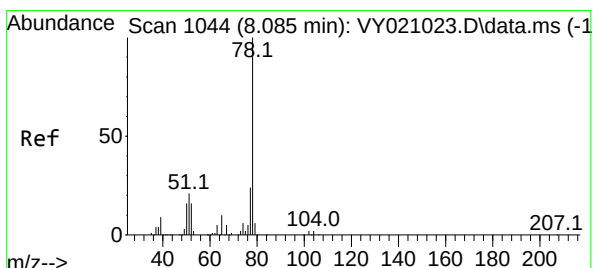
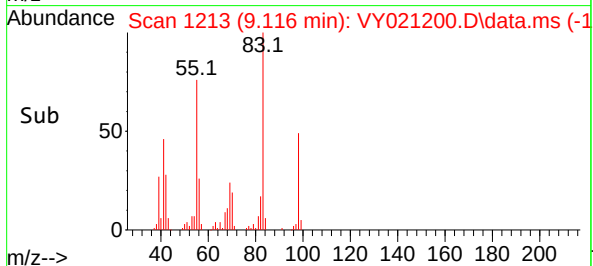
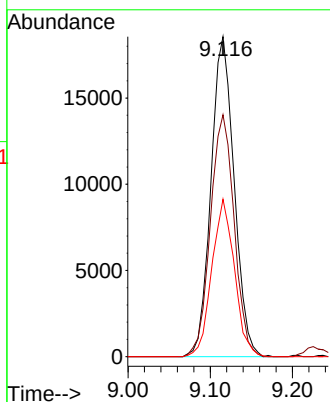
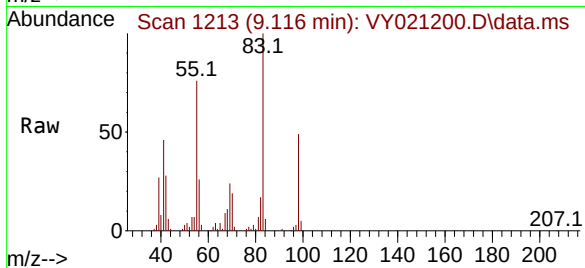
Tgt Ion: 83 Resp: 36283

Ion Ratio Lower Upper

83 100

55 75.6 59.7 89.5

98 49.2 38.0 57.0



#40

Benzene

Concen: 18.648 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY021200.D

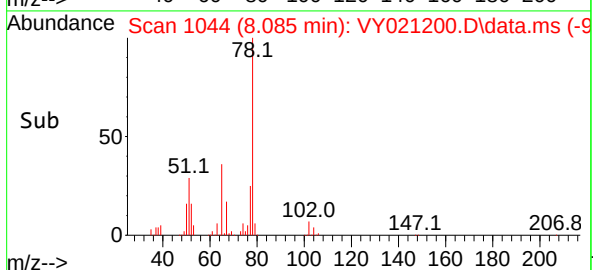
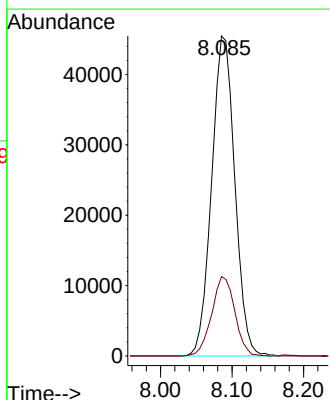
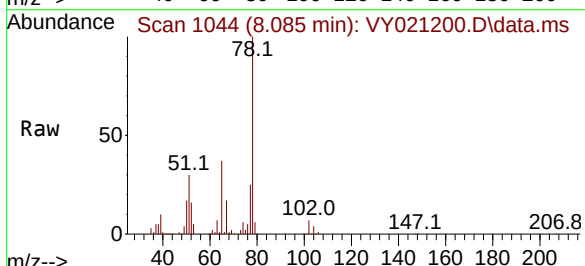
Acq: 14 Feb 2025 10:13

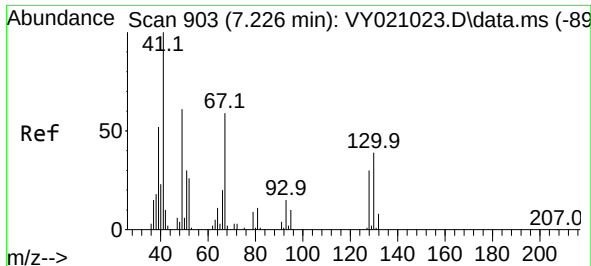
Tgt Ion: 78 Resp: 102283

Ion Ratio Lower Upper

78 100

77 24.8 18.8 28.2

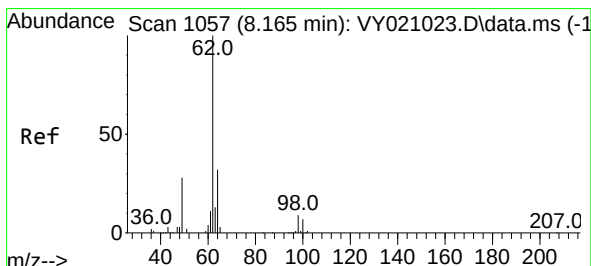
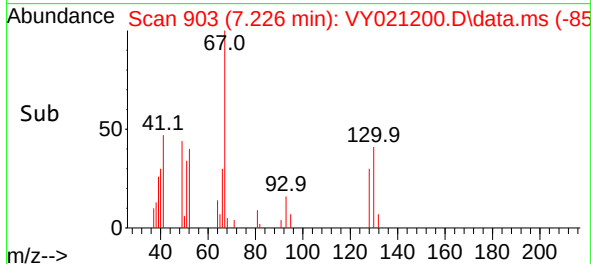
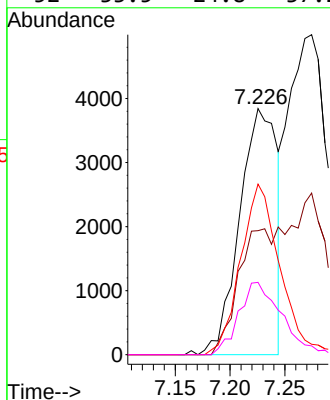
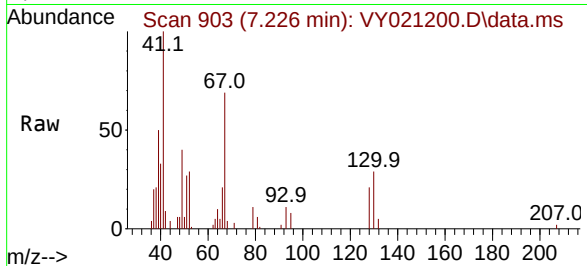




#41
Methacrylonitrile
Concen: 19.222 ug/l
RT: 7.226 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

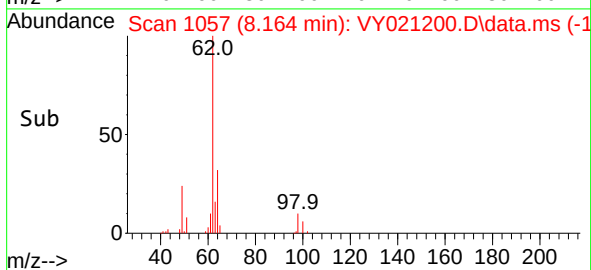
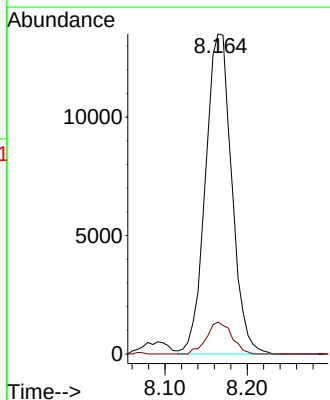
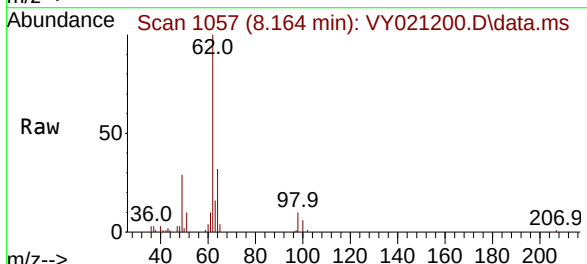
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

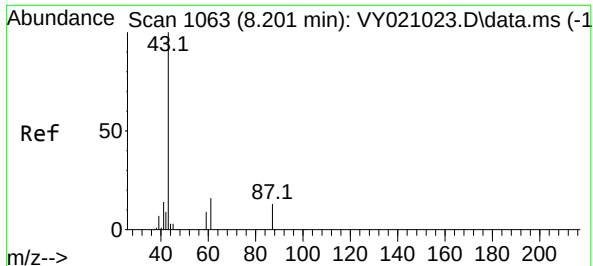
Tgt Ion:	41	Resp:	9118
Ion	Ratio	Lower	Upper
41	100		
39	46.1	41.9	62.9
67	73.0	59.8	89.6
52	33.5	24.8	37.2



#42
1,2-Dichloroethane
Concen: 19.729 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion:	62	Resp:	30018
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2

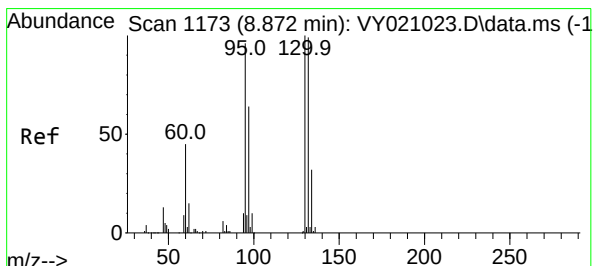
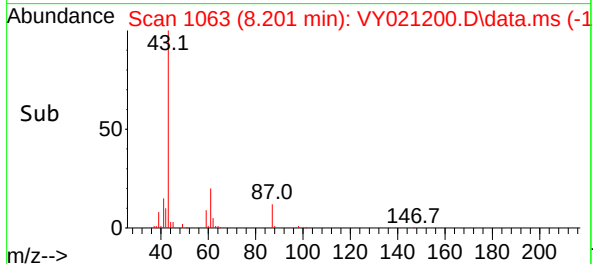
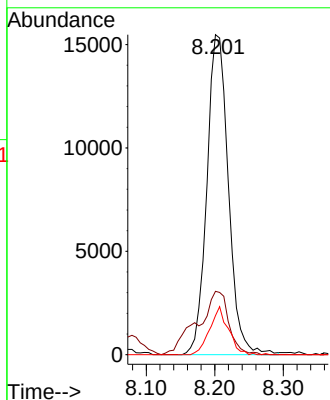
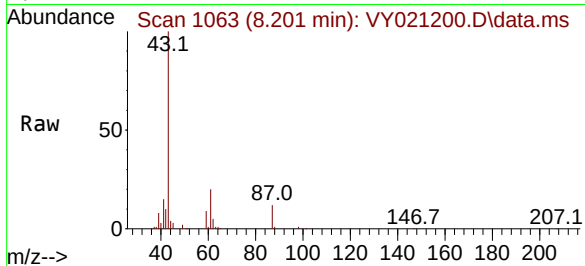




#43
Isopropyl Acetate
Concen: 20.758 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

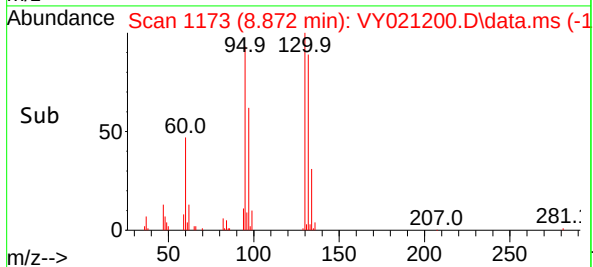
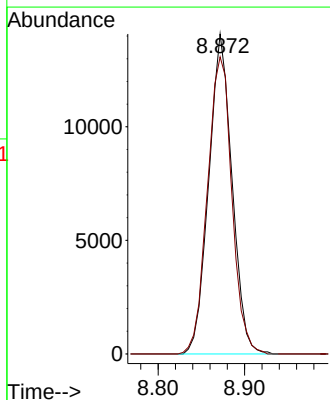
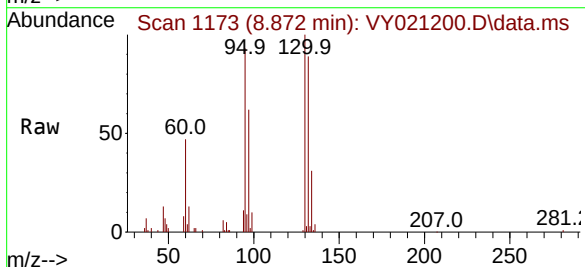
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

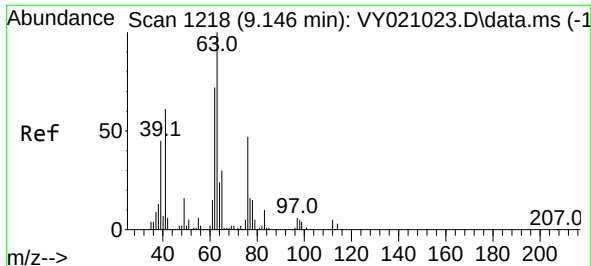
Tgt Ion: 43 Resp: 33819
Ion Ratio Lower Upper
43 100
61 28.7 24.8 37.2
87 12.9 10.7 16.1



#44
Trichloroethene
Concen: 18.556 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion:130 Resp: 26295
Ion Ratio Lower Upper
130 100
95 92.9 0.0 203.8





#45

1,2-Dichloropropane

Concen: 20.497 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

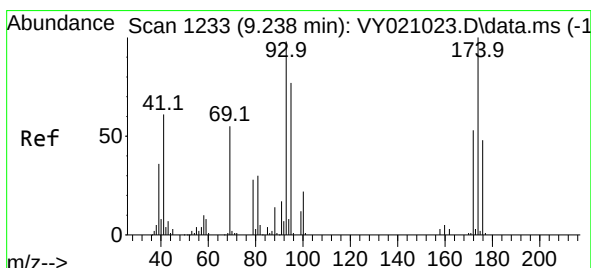
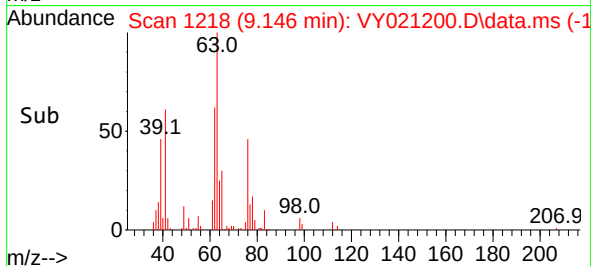
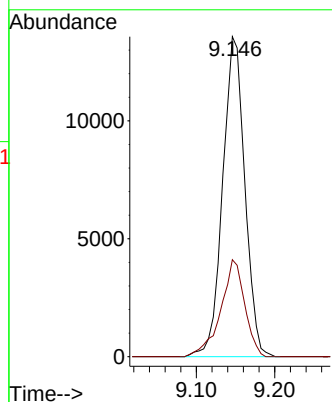
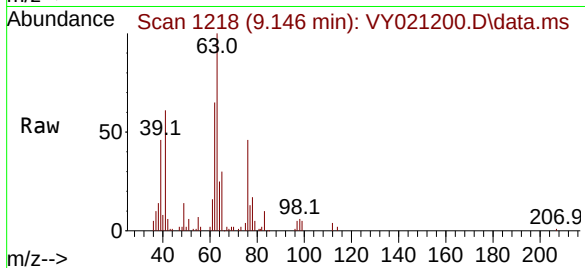
VY0214SBS01

Tgt Ion: 63 Resp: 26684

Ion Ratio Lower Upper

63 100

65 30.3 24.6 36.8



#46

Dibromomethane

Concen: 19.954 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

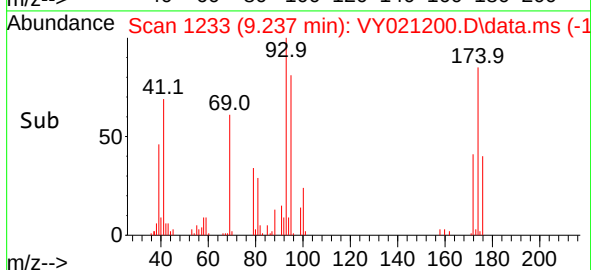
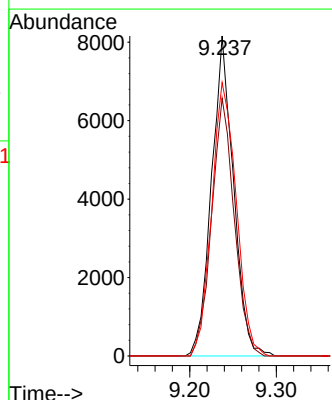
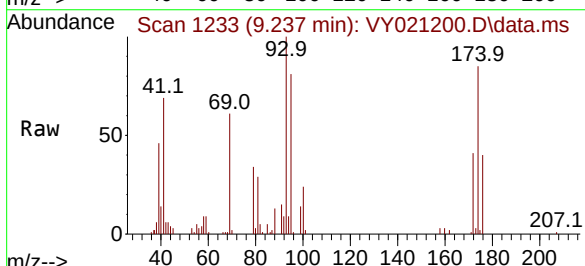
Tgt Ion: 93 Resp: 14383

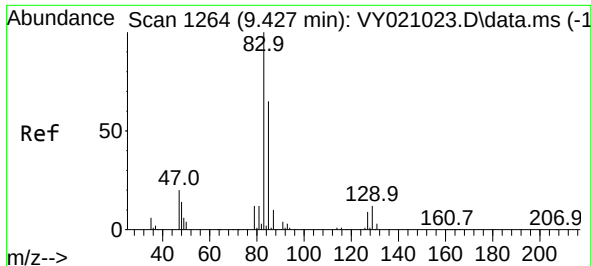
Ion Ratio Lower Upper

93 100

95 82.9 66.6 99.8

174 95.3 73.8 110.6

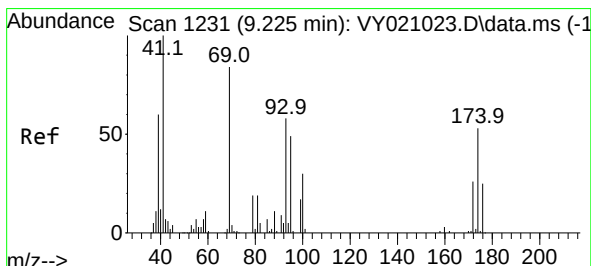
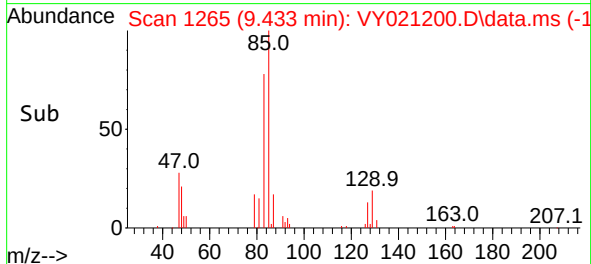
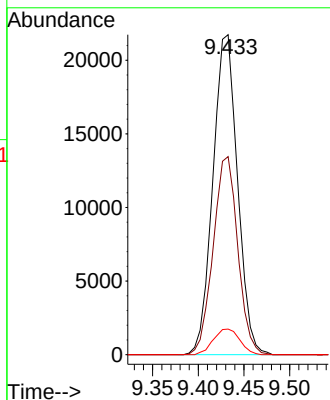
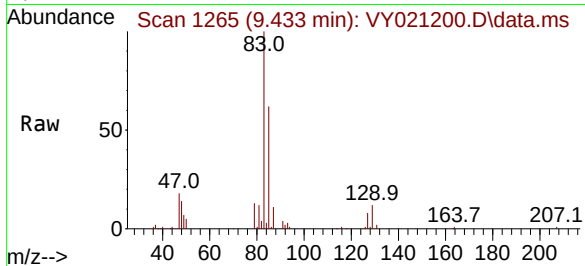




#47
Bromodichloromethane
Concen: 21.093 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

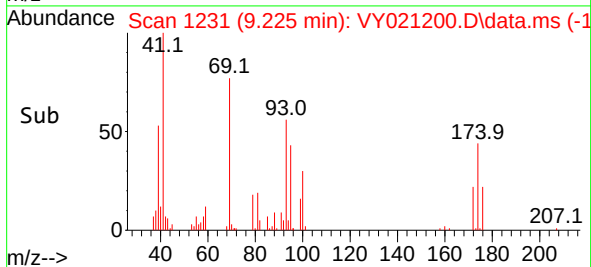
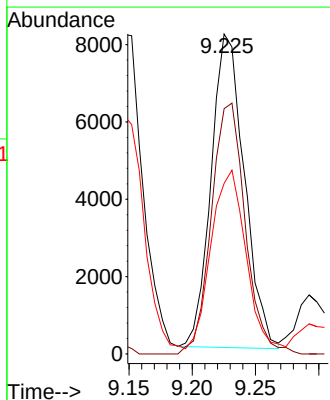
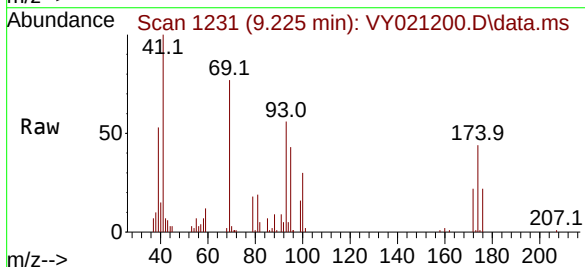
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

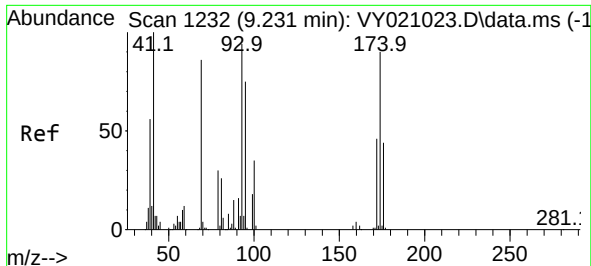
Tgt Ion: 83 Resp: 40776
Ion Ratio Lower Upper
83 100
85 61.9 53.2 79.8
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 19.917 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 41 Resp: 14781
Ion Ratio Lower Upper
41 100
69 81.7 72.1 108.1
39 63.0 42.8 64.2





#49

1,4-Dioxane

Concen: 409.822 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

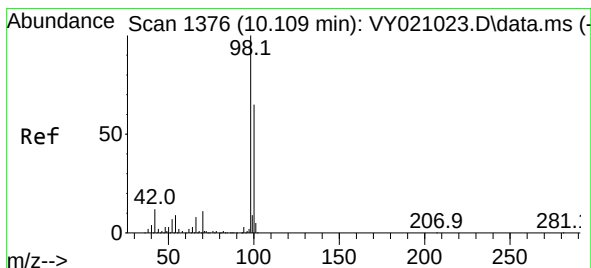
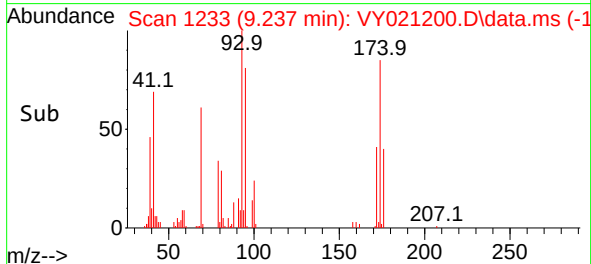
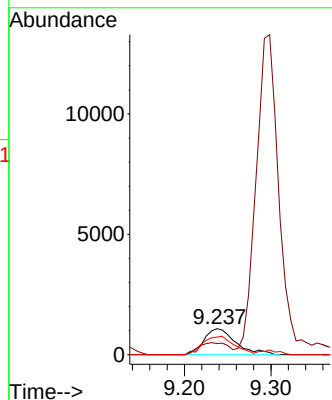
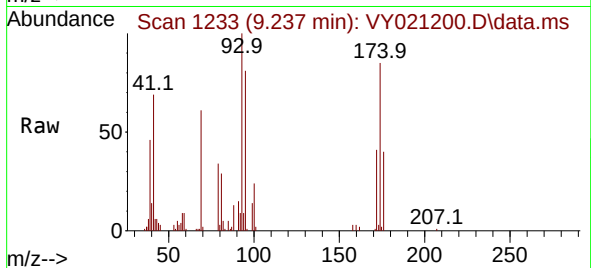
Tgt Ion: 88 Resp: 2750

Ion Ratio Lower Upper

88 100

43 41.8 28.2 42.4

58 70.3 52.2 78.2



#50

Toluene-d8

Concen: 50.204 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021200.D

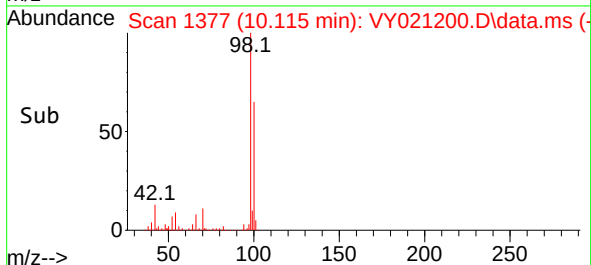
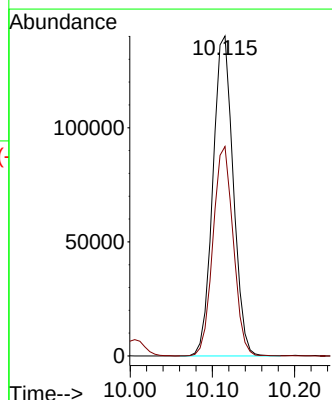
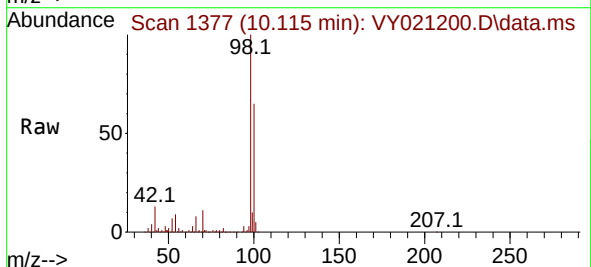
Acq: 14 Feb 2025 10:13

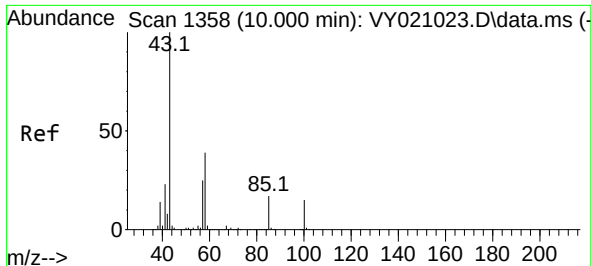
Tgt Ion: 98 Resp: 241179

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5

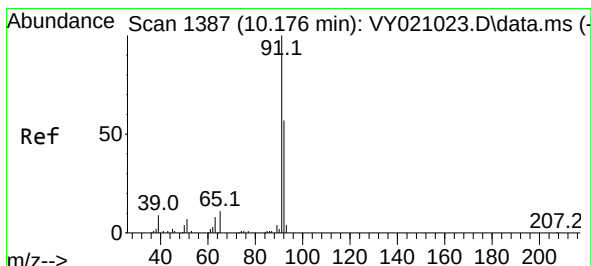
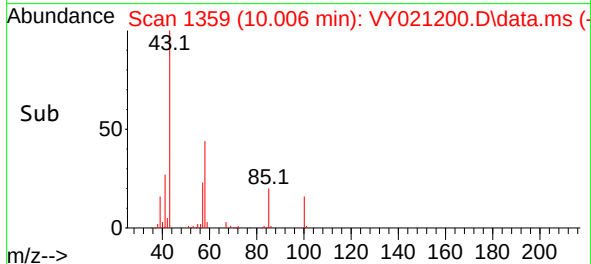
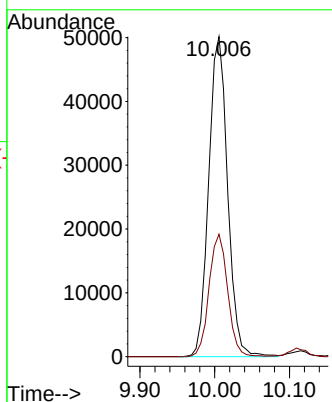
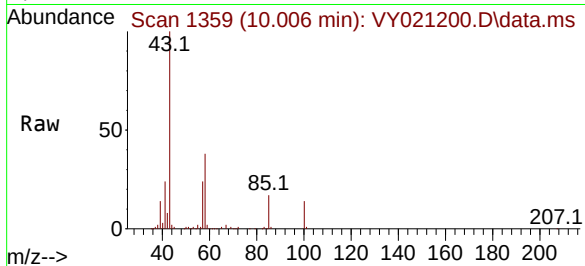




#51
4-Methyl-2-Pentanone
Concen: 107.793 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

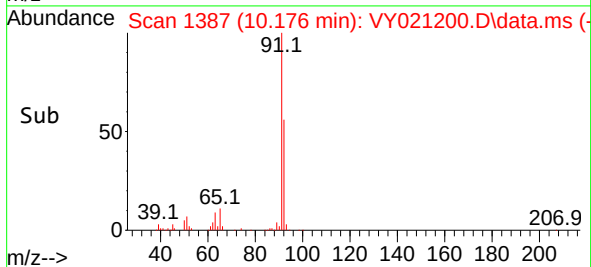
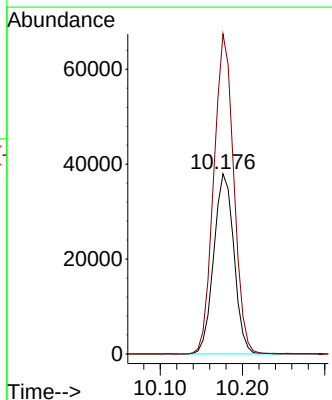
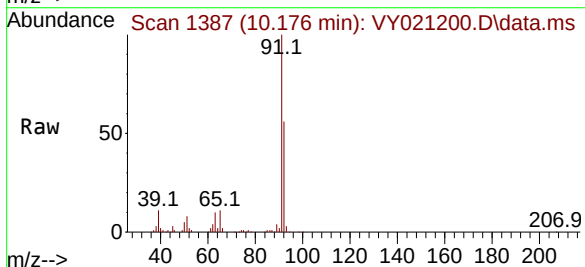
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

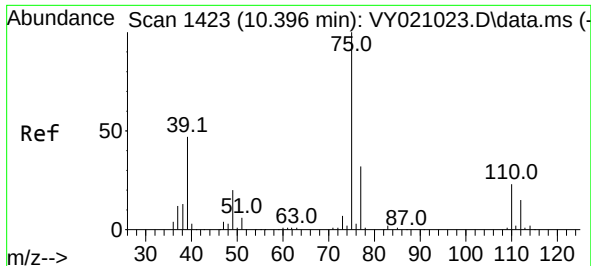
Tgt Ion: 43 Resp: 88313
Ion Ratio Lower Upper
43 100
58 37.7 32.2 48.2



#52
Toluene
Concen: 18.750 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 92 Resp: 64574
Ion Ratio Lower Upper
92 100
91 176.5 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 20.035 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. 0.006 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

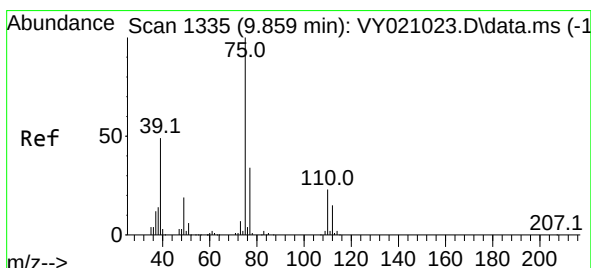
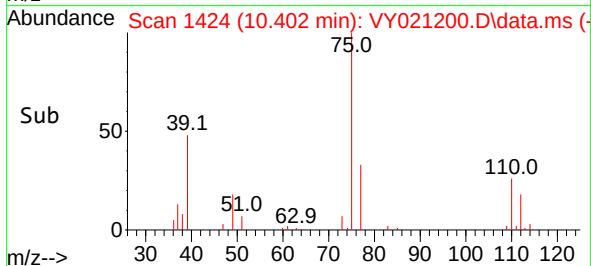
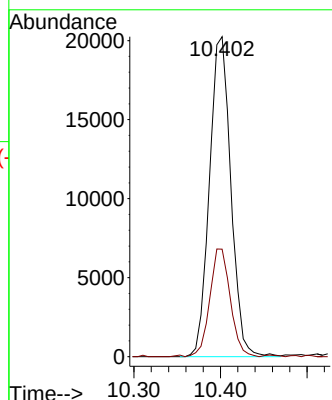
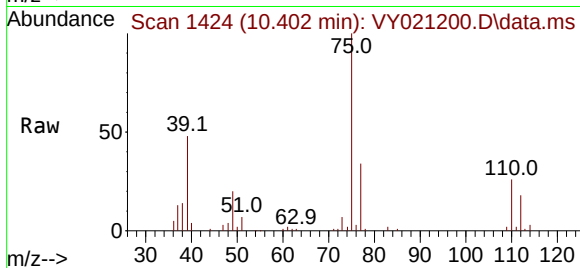
VY0214SBS01

Tgt Ion: 75 Resp: 34778

Ion Ratio Lower Upper

75 100

77 33.3 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 19.801 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

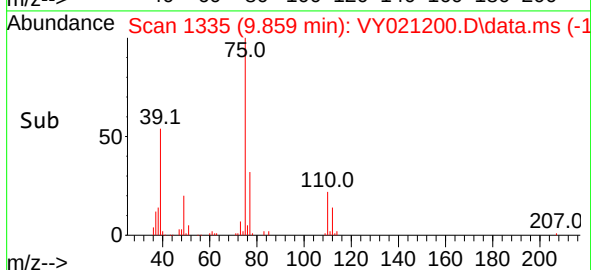
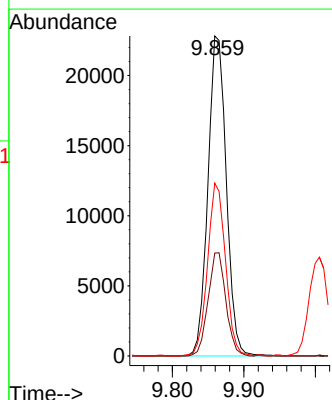
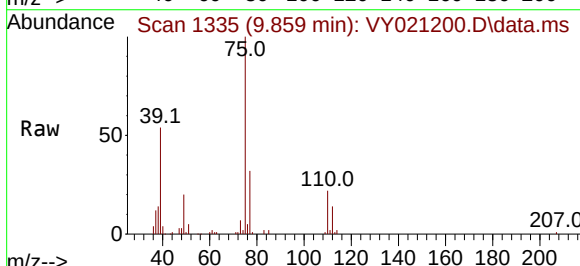
Tgt Ion: 75 Resp: 40697

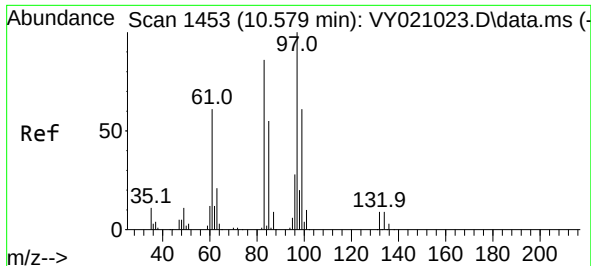
Ion Ratio Lower Upper

75 100

77 32.2 24.6 36.8

39 54.0 33.6 50.4#

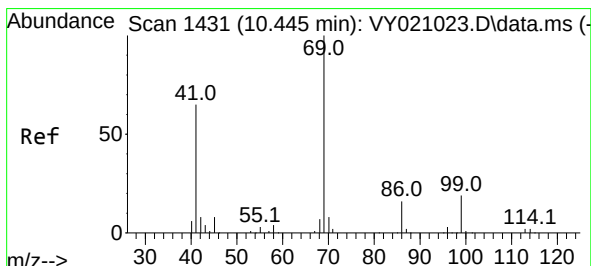
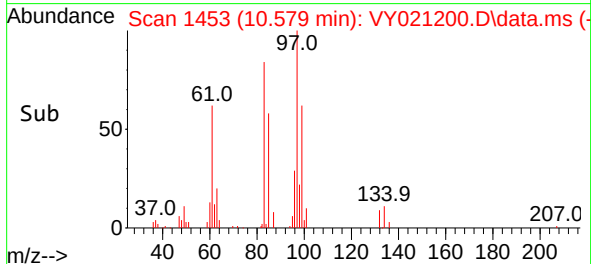
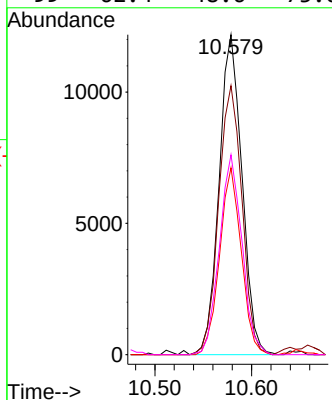
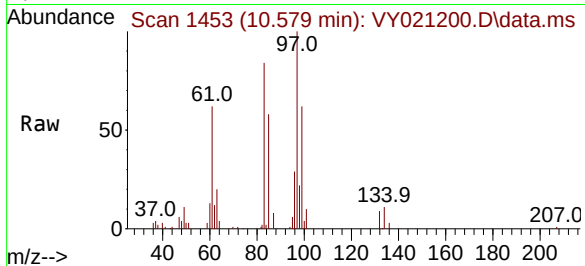




#55
1,1,2-Trichloroethane
Concen: 21.488 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

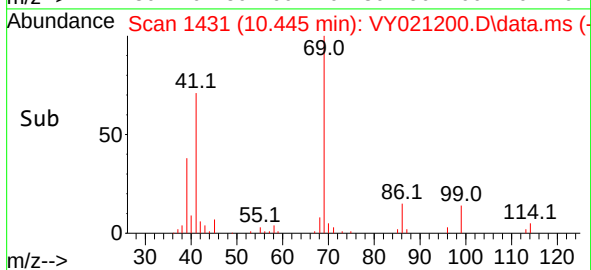
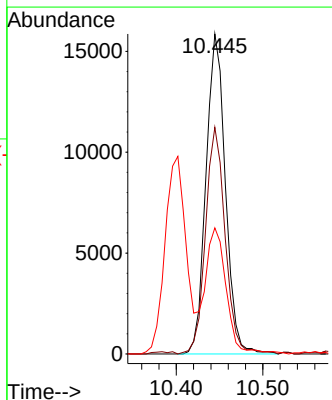
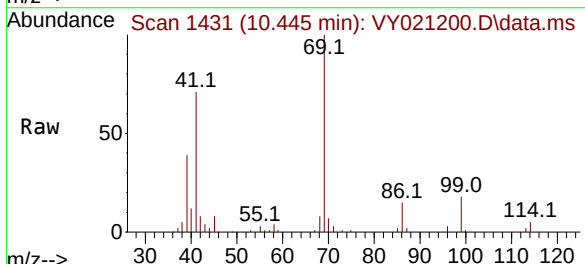
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

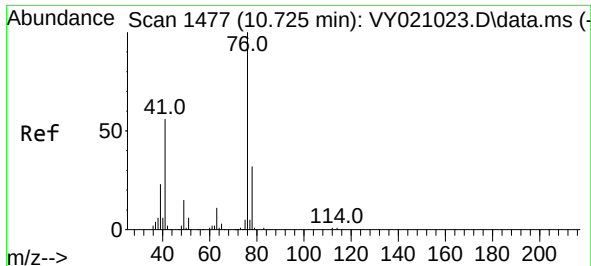
Tgt Ion:	97	Resp:	20057
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.4	104.2
85	58.4	43.9	65.9
99	62.4	48.6	73.0



#56
Ethyl methacrylate
Concen: 19.791 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion:	69	Resp:	24713
Ion	Ratio	Lower	Upper
69	100		
41	72.0	49.2	73.8
39	43.9	26.8	40.2





#57

1,3-Dichloropropane

Concen: 20.530 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

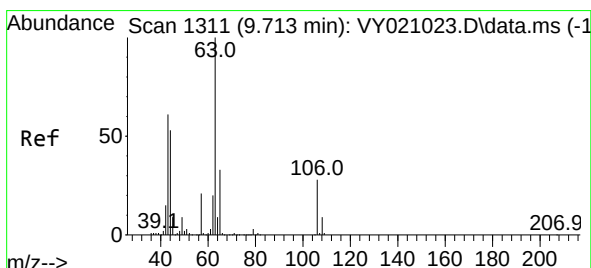
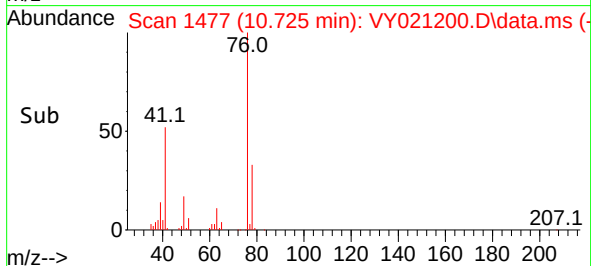
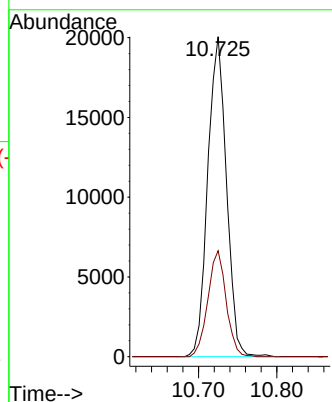
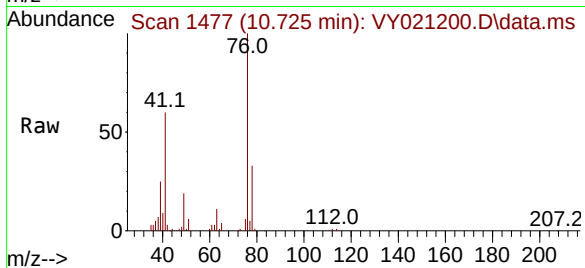
VY0214SBS01

Tgt Ion: 76 Resp: 33168

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 89.674 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021200.D

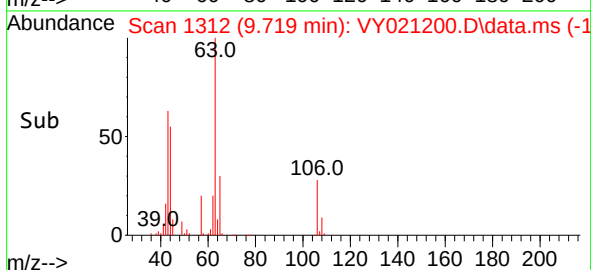
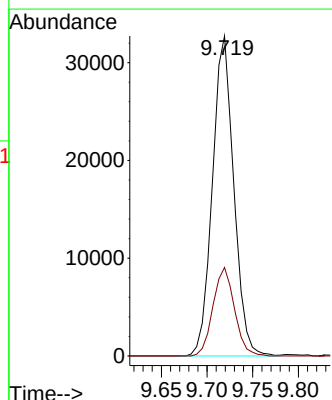
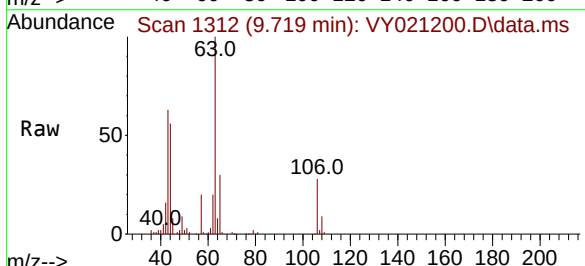
Acq: 14 Feb 2025 10:13

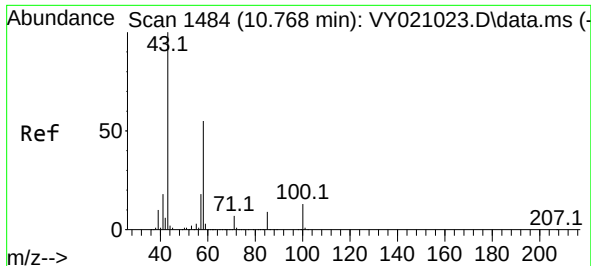
Tgt Ion: 63 Resp: 53272

Ion Ratio Lower Upper

63 100

106 27.7 22.4 33.6

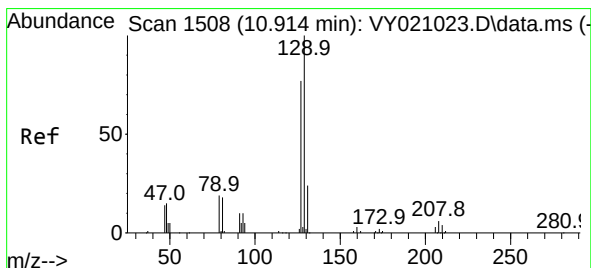
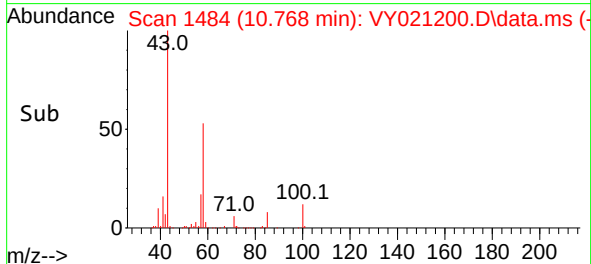
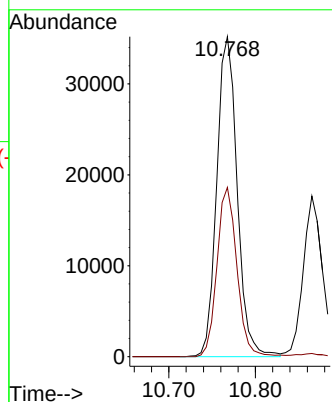
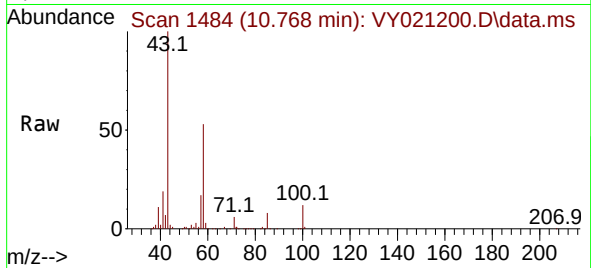




#59
2-Hexanone
Concen: 109.318 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

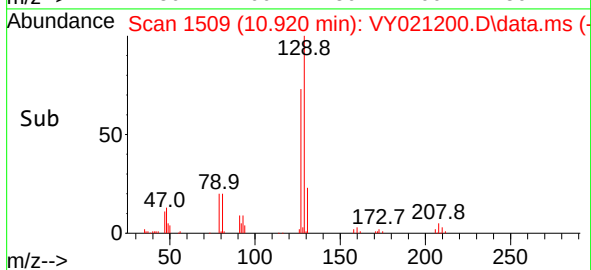
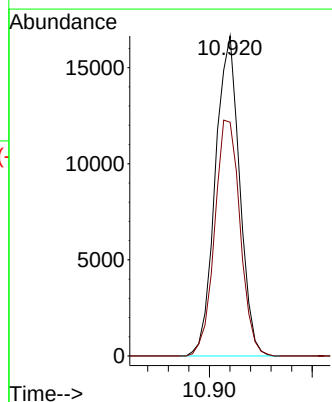
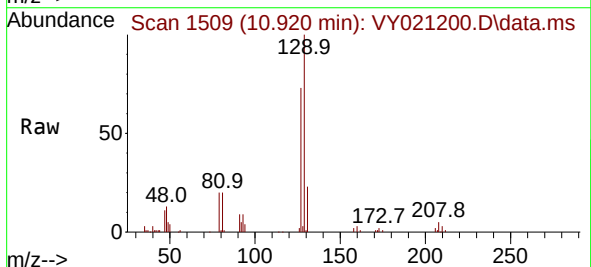
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

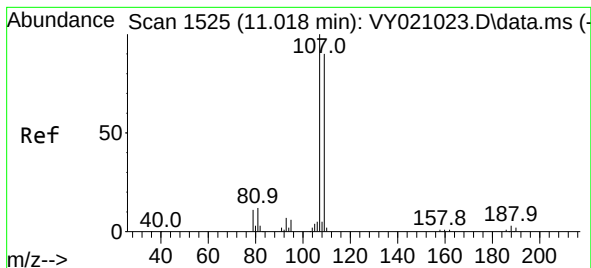
Tgt Ion: 43 Resp: 57666
Ion Ratio Lower Upper
43 100
58 51.6 28.1 84.3



#60
Dibromochloromethane
Concen: 20.807 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 129 Resp: 27275
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6





#61

1,2-Dibromoethane

Concen: 19.862 ug/l

RT: 11.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

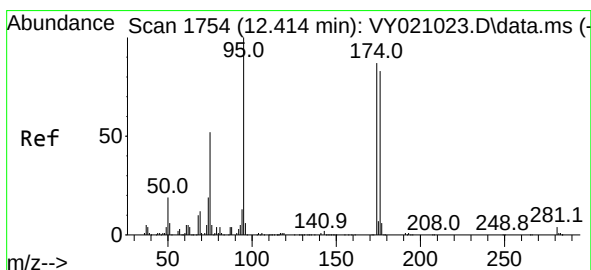
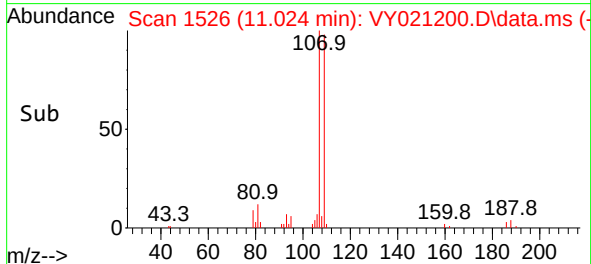
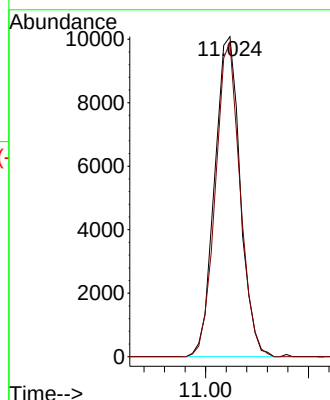
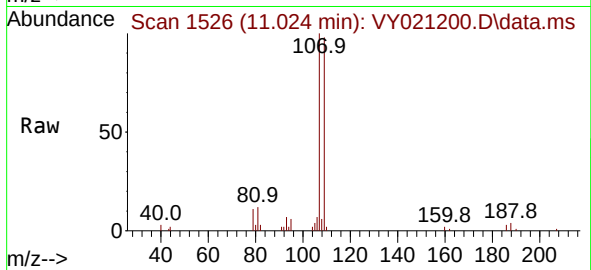
VY0214SBS01

Tgt Ion:107 Resp: 17365

Ion Ratio Lower Upper

107 100

109 94.9 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 51.558 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

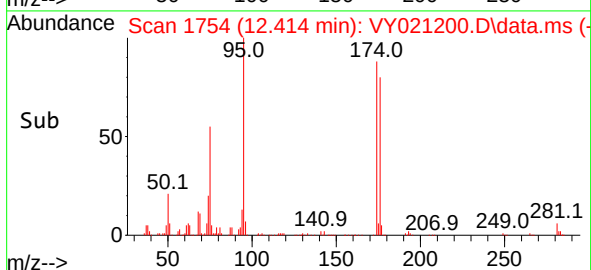
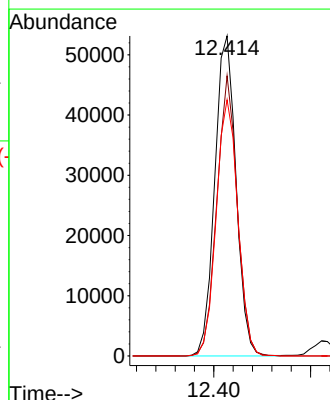
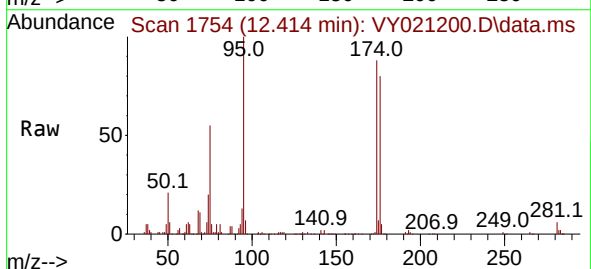
Tgt Ion: 95 Resp: 80918

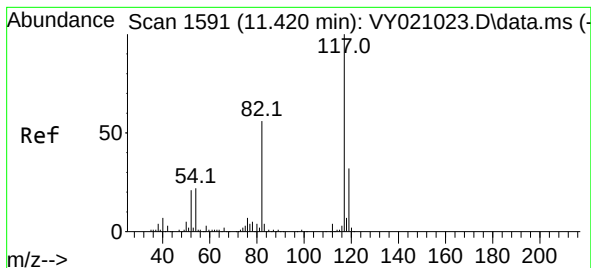
Ion Ratio Lower Upper

95 100

174 84.4 0.0 160.0

176 81.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

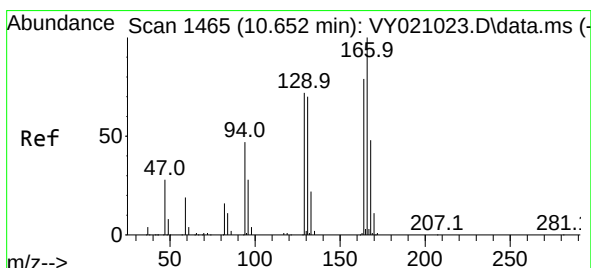
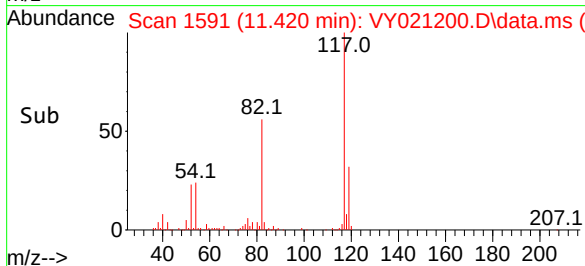
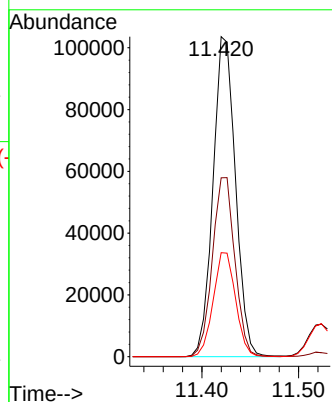
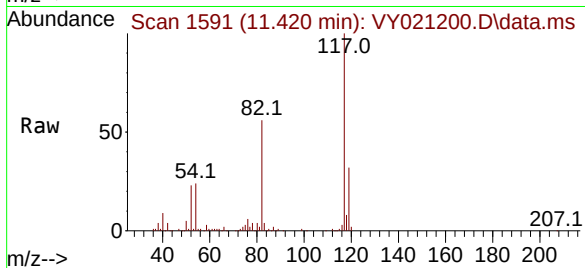
Tgt Ion:117 Resp: 167206

Ion Ratio Lower Upper

117 100

82 55.9 43.8 65.8

119 32.5 26.5 39.7



#64

Tetrachloroethene

Concen: 18.390 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Tgt Ion:164 Resp: 22827

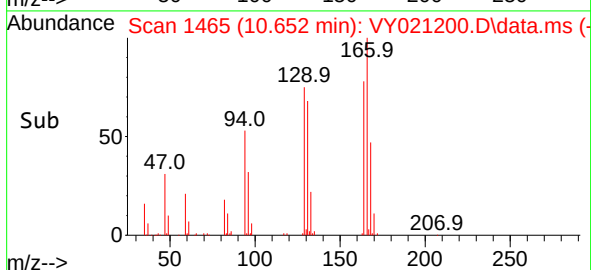
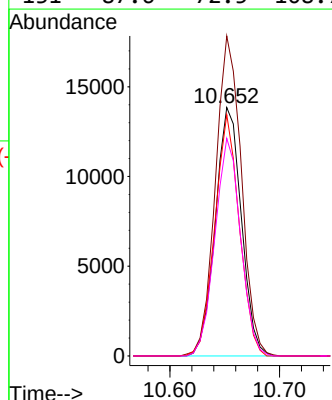
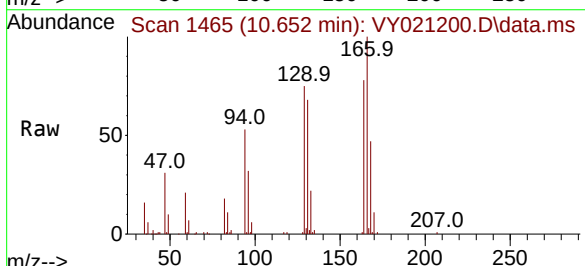
Ion Ratio Lower Upper

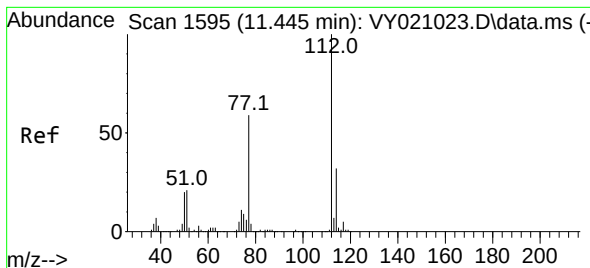
164 100

166 128.8 98.8 148.2

129 97.1 78.9 118.3

131 87.6 72.5 108.7





#65

Chlorobenzene

Concen: 19.858 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

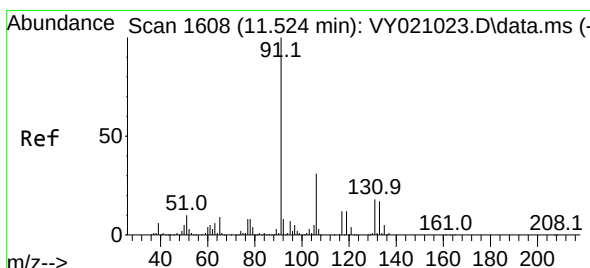
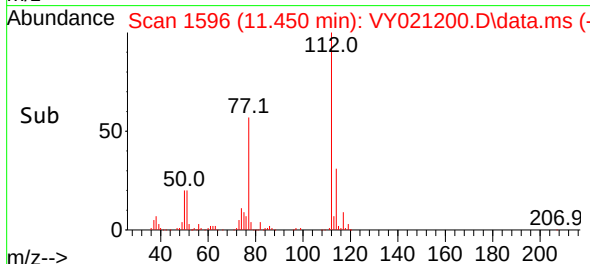
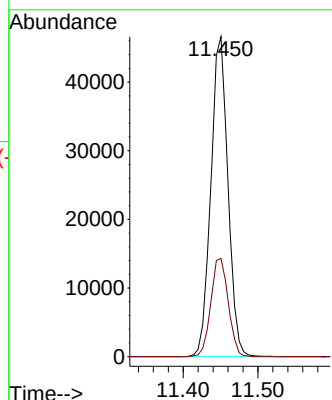
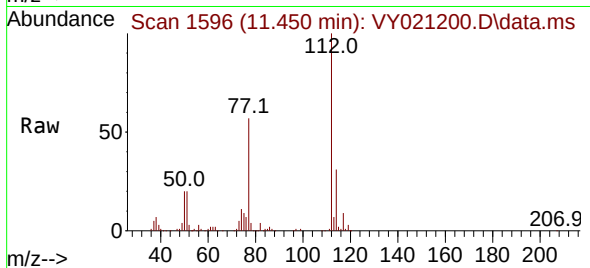
VY0214SBS01

Tgt Ion:112 Resp: 73932

Ion Ratio Lower Upper

112 100

114 30.7 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 21.110 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

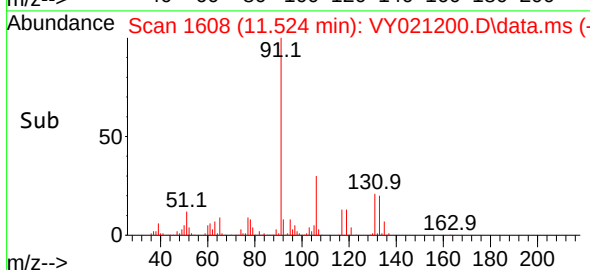
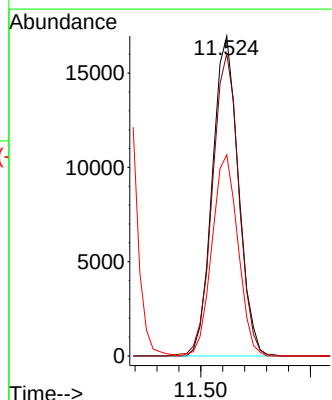
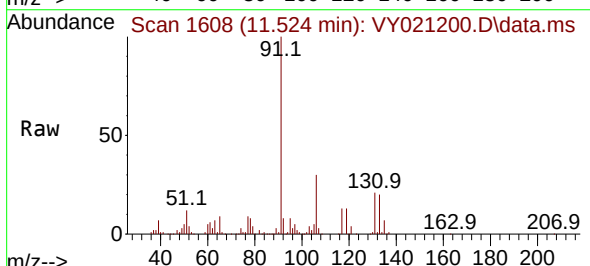
Tgt Ion:131 Resp: 27931

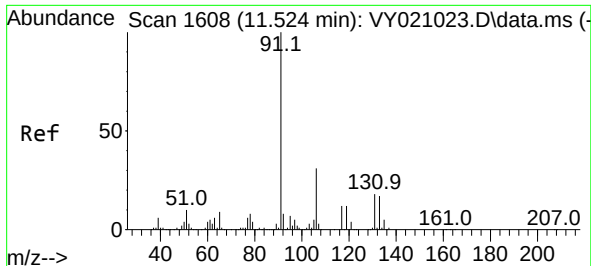
Ion Ratio Lower Upper

131 100

133 96.3 47.0 141.0

119 62.7 33.3 99.9





#67

Ethyl Benzene

Concen: 19.514 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

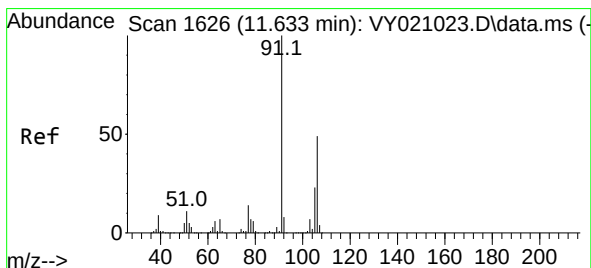
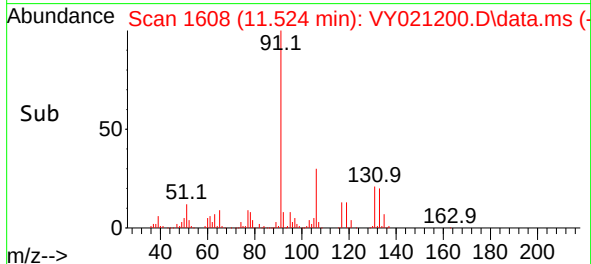
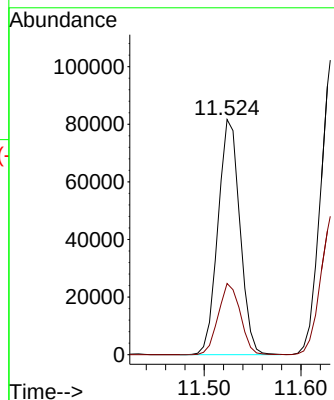
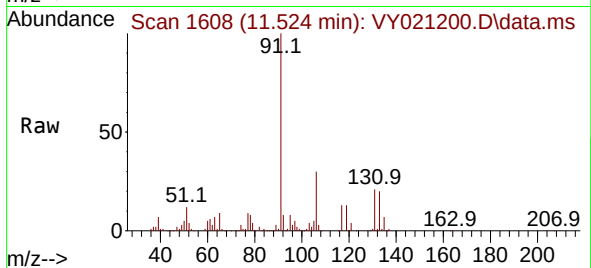
VY0214SBS01

Tgt Ion: 91 Resp: 128505

Ion Ratio Lower Upper

91 100

106 30.3 25.0 37.4



#68

m/p-Xylenes

Concen: 39.129 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021200.D

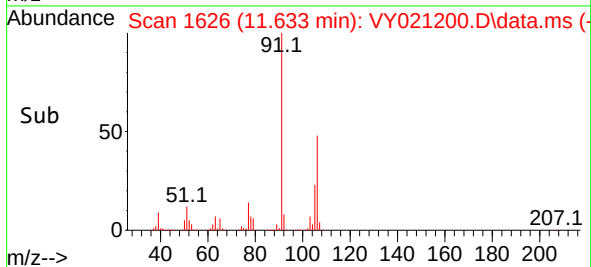
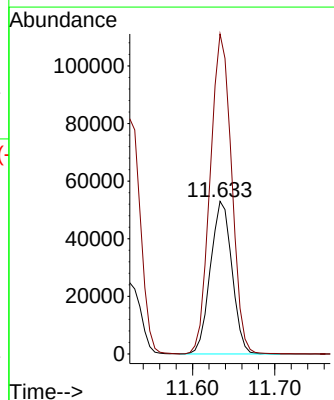
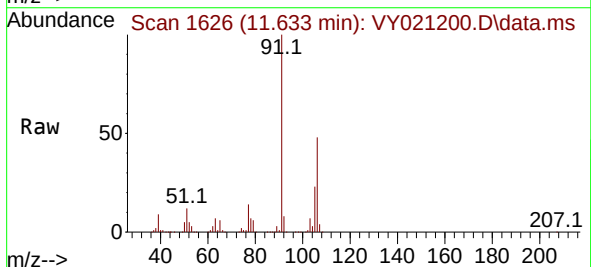
Acq: 14 Feb 2025 10:13

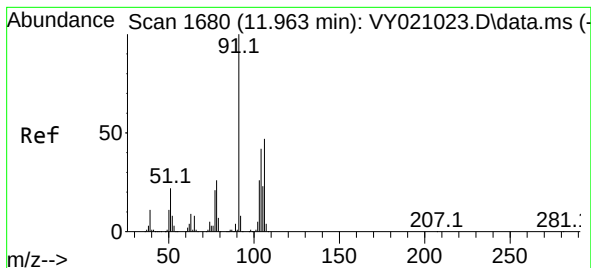
Tgt Ion:106 Resp: 96396

Ion Ratio Lower Upper

106 100

91 209.2 160.7 241.1

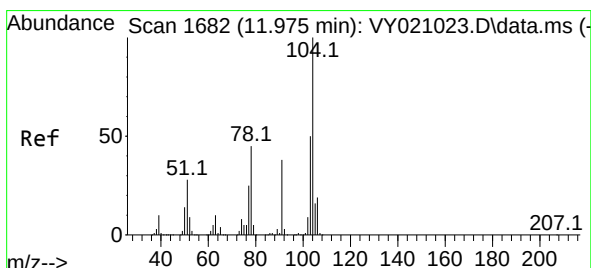
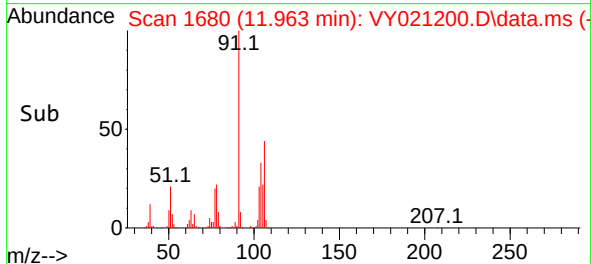
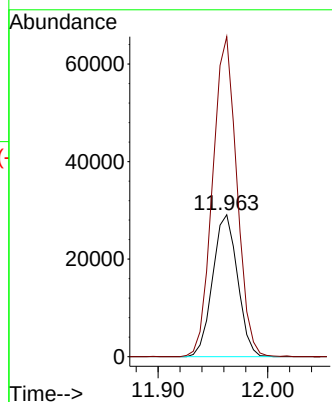
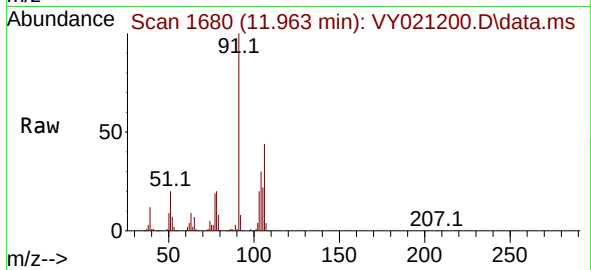




#69
o-Xylene
Concen: 19.956 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

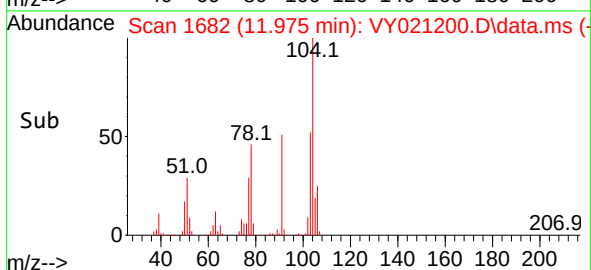
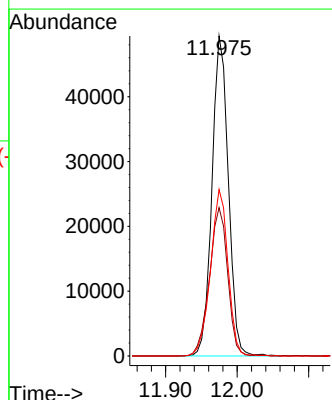
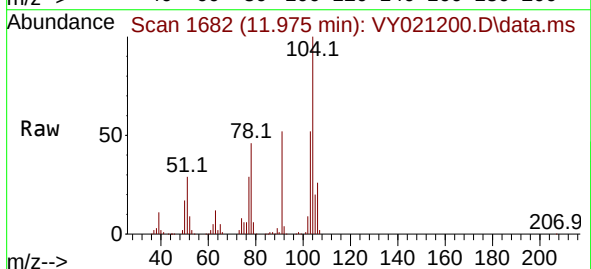
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

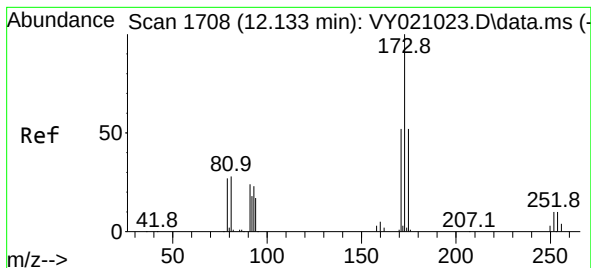
Tgt Ion:106 Resp: 45835
Ion Ratio Lower Upper
106 100
91 219.9 106.5 319.5



#70
Styrene
Concen: 20.509 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion:104 Resp: 78509
Ion Ratio Lower Upper
104 100
78 51.6 39.2 58.8
103 55.4 43.8 65.6





#71

Bromoform

Concen: 22.282 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

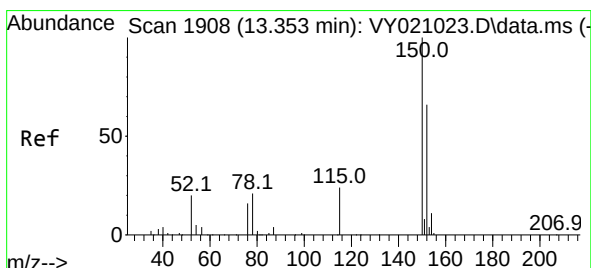
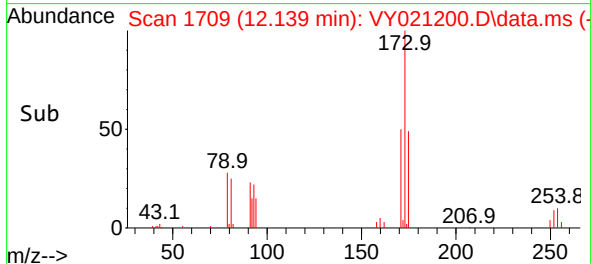
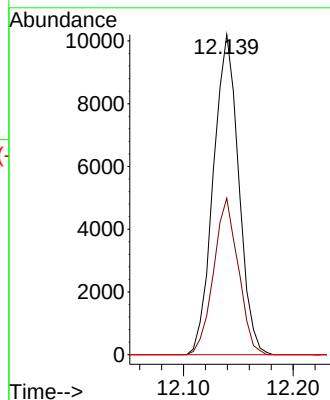
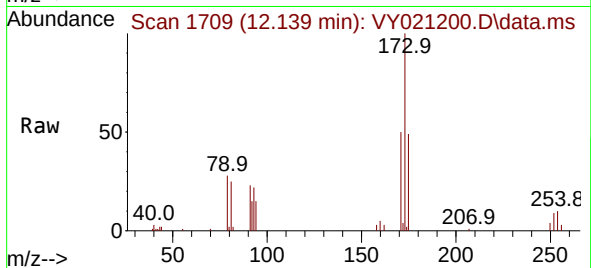
Tgt Ion:173 Resp: 16410

Ion Ratio Lower Upper

173 100

175 47.5 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

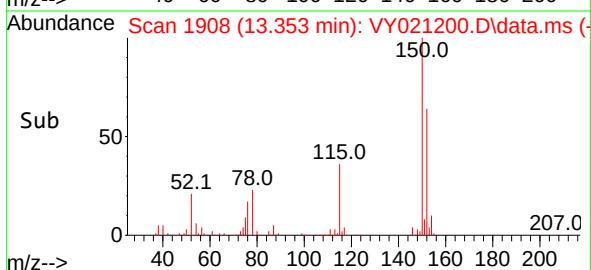
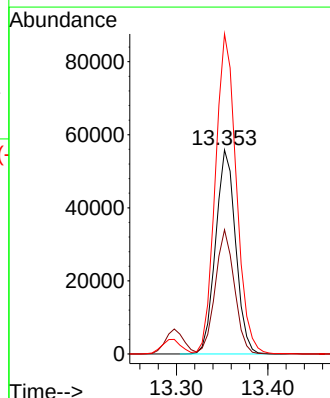
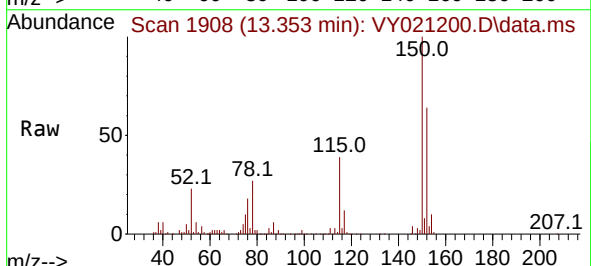
Tgt Ion:152 Resp: 84969

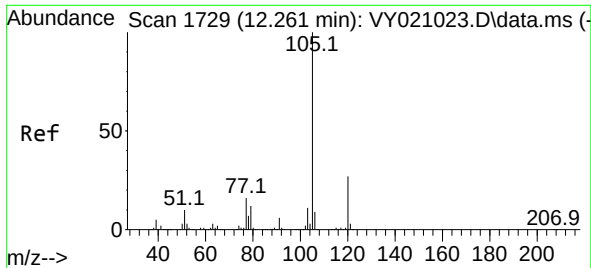
Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 164.6 0.0 344.6

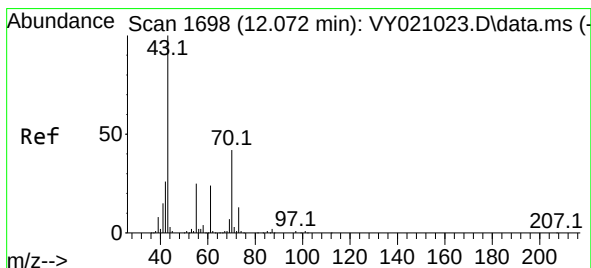
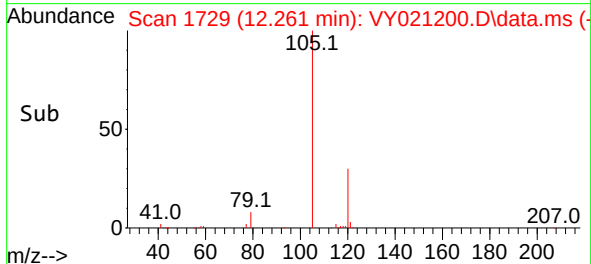
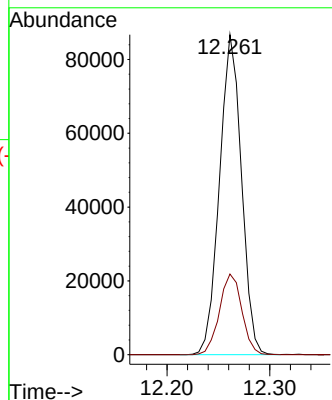
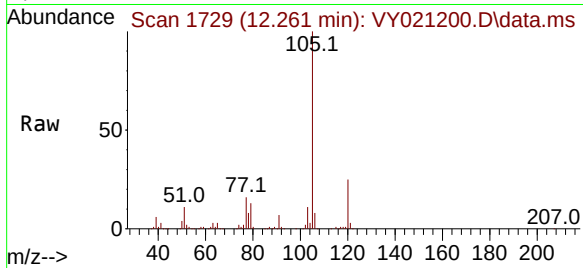




#73
Isopropylbenzene
Concen: 19.350 ug/l
RT: 12.261 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

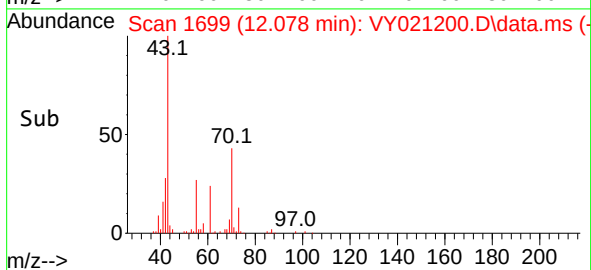
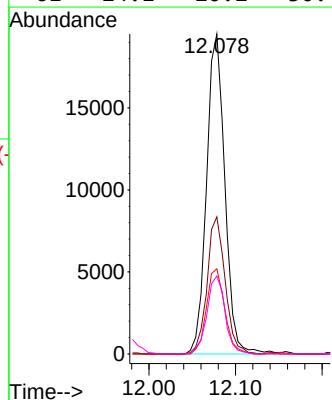
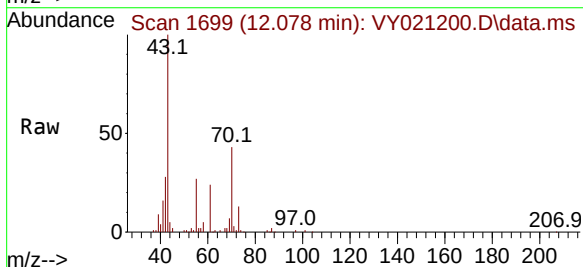
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

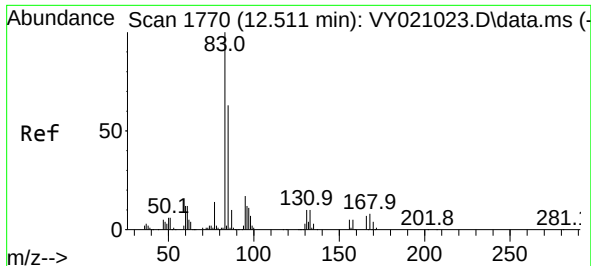
Tgt Ion:105 Resp: 128433
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0



#74
N-ethyl acetate
Concen: 19.752 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 43 Resp: 28662
Ion Ratio Lower Upper
43 100
70 42.4 36.6 55.0
55 26.5 22.2 33.4
61 24.1 20.2 30.4

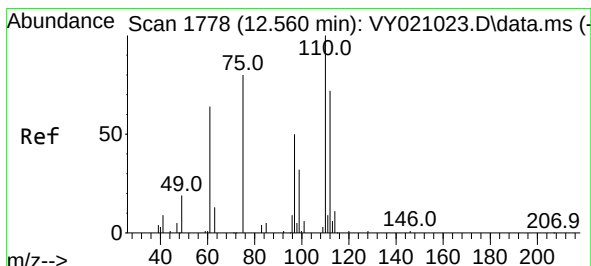
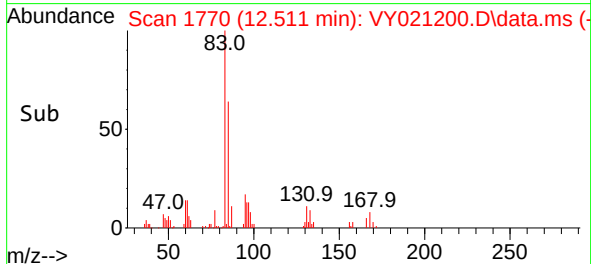
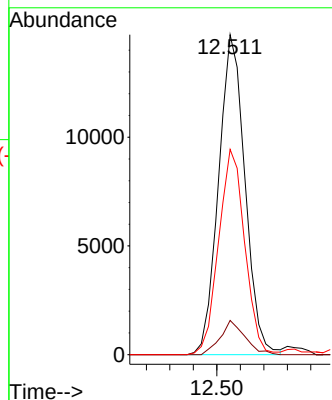
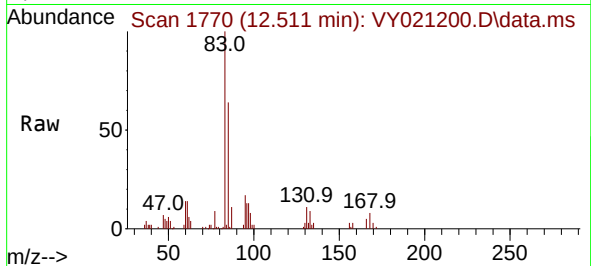




#75
1,1,2-Tetrachloroethane
Concen: 20.800 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

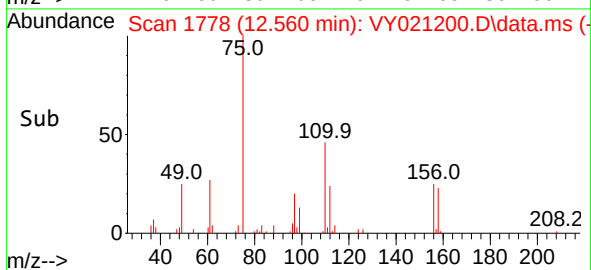
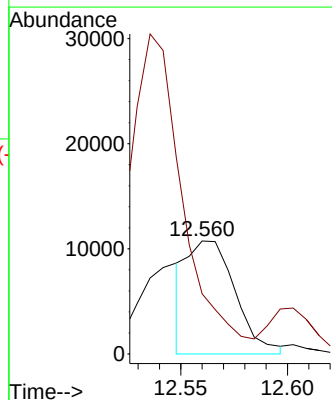
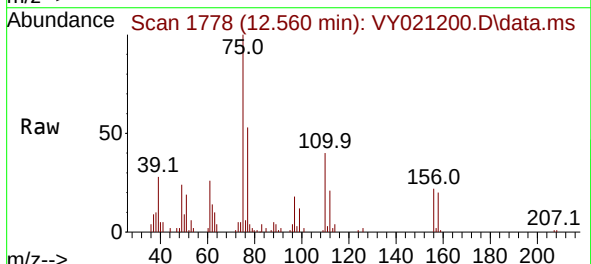
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

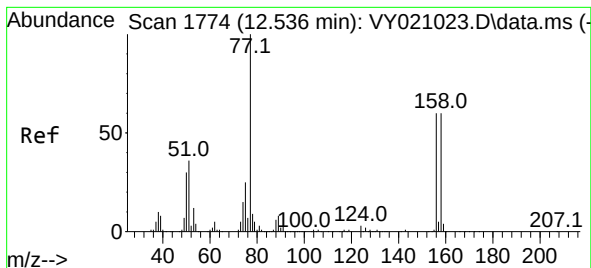
Tgt Ion: 83 Resp: 22960
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.6
85 63.3 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 21.975 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 75 Resp: 16938
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.145 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

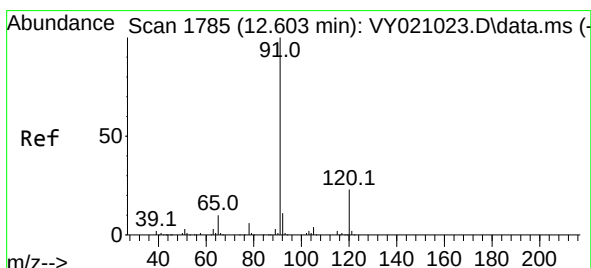
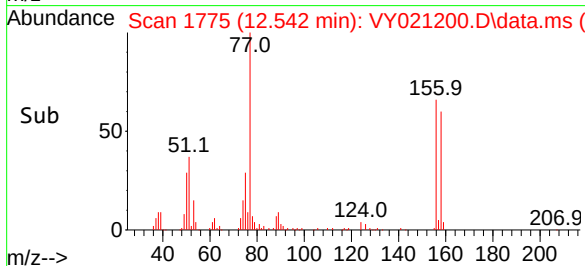
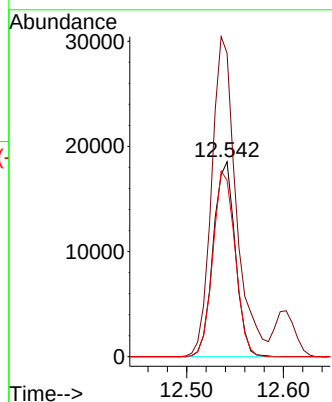
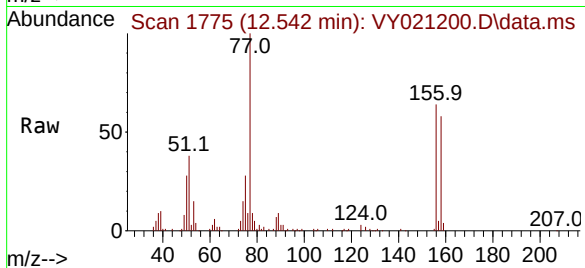
Tgt Ion:156 Resp: 29323

Ion Ratio Lower Upper

156 100

77 183.6 97.3 291.8

158 96.3 48.4 145.0



#78

n-propylbenzene

Concen: 19.733 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021200.D

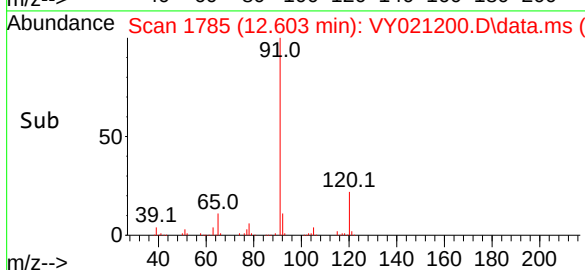
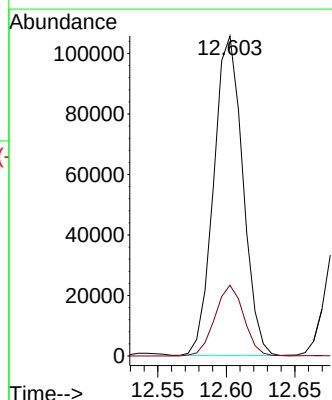
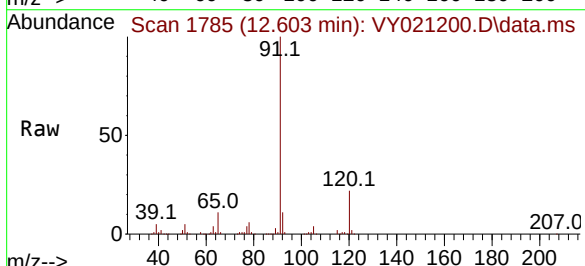
Acq: 14 Feb 2025 10:13

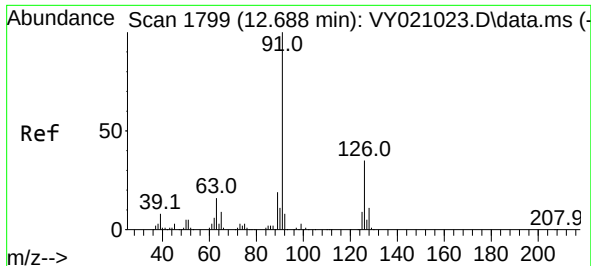
Tgt Ion: 91 Resp: 156018

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0





#79

2-Chlorotoluene

Concen: 19.393 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

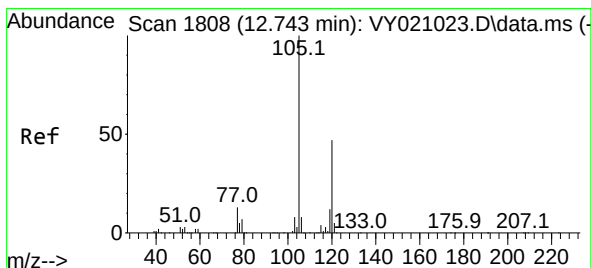
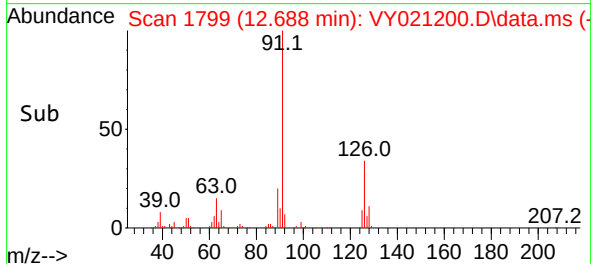
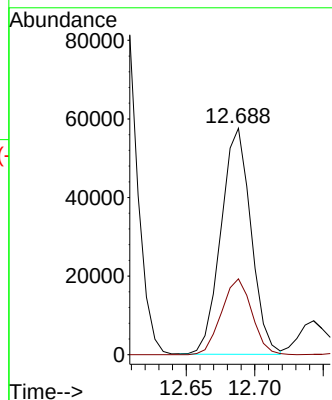
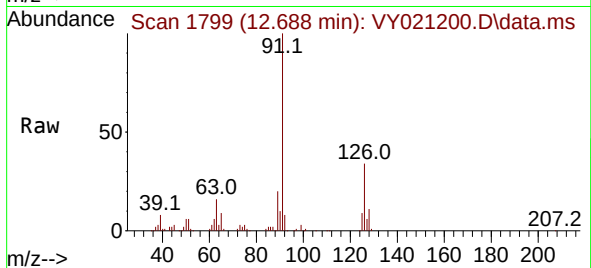
VY0214SBS01

Tgt Ion: 91 Resp: 87822

Ion Ratio Lower Upper

91 100

126 33.9 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 19.520 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY021200.D

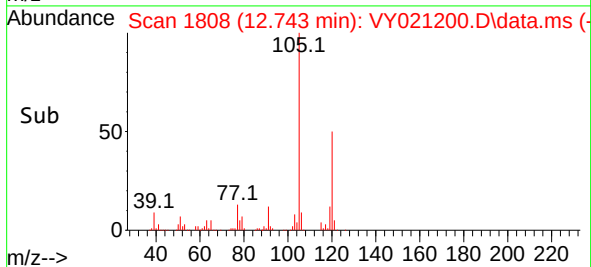
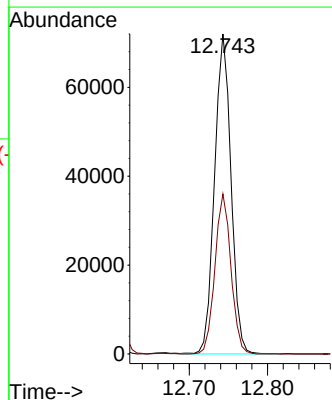
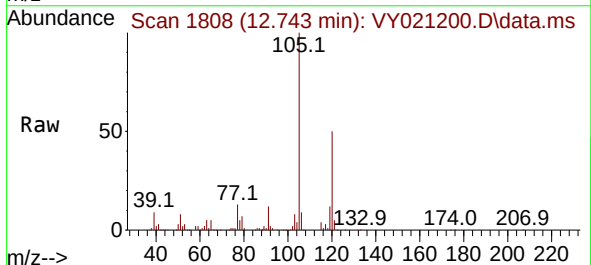
Acq: 14 Feb 2025 10:13

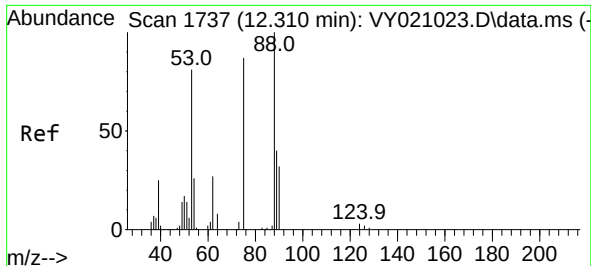
Tgt Ion:105 Resp: 105043

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8

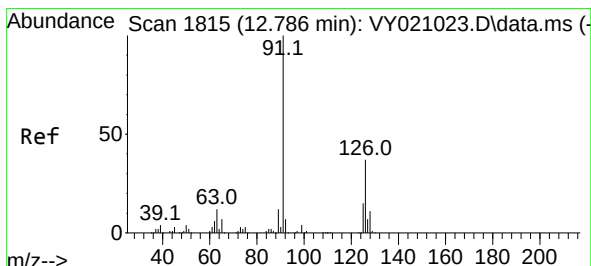
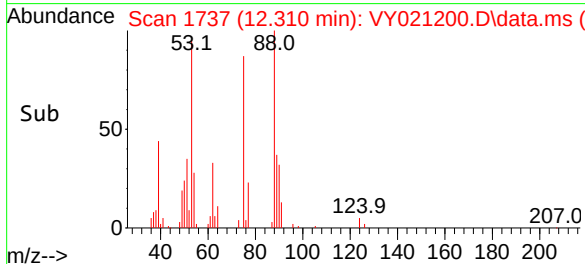
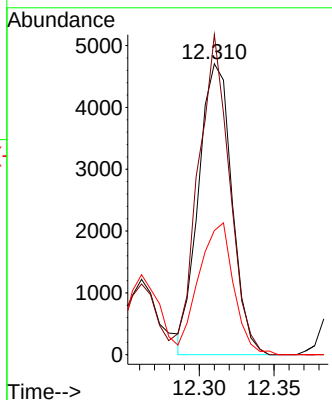
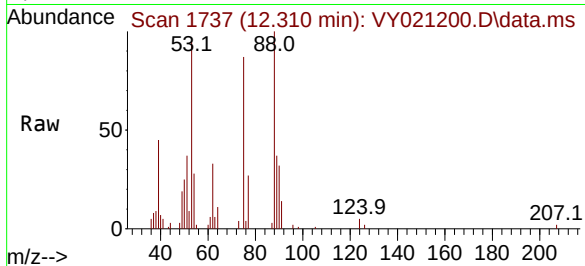




#81
trans-1,4-Dichloro-2-butene
Concen: 19.336 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

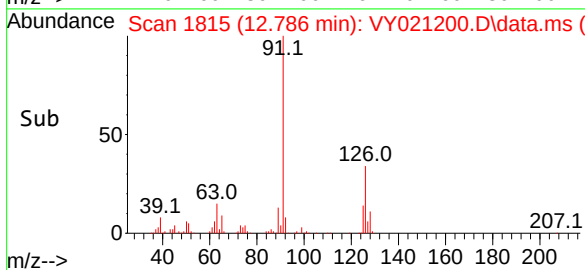
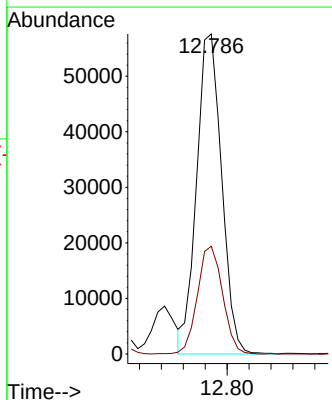
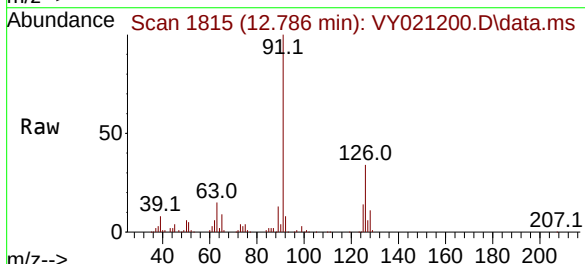
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

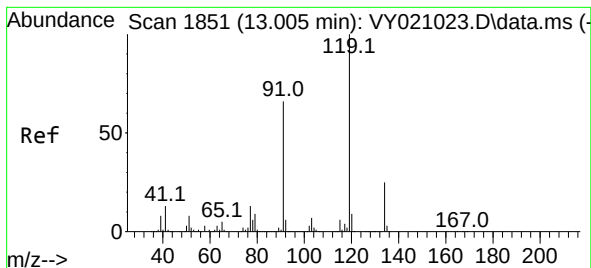
Tgt Ion: 75 Resp: 7304
Ion Ratio Lower Upper
75 100
53 103.5 74.0 111.0
89 47.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 19.807 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 91 Resp: 91385
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 19.698 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

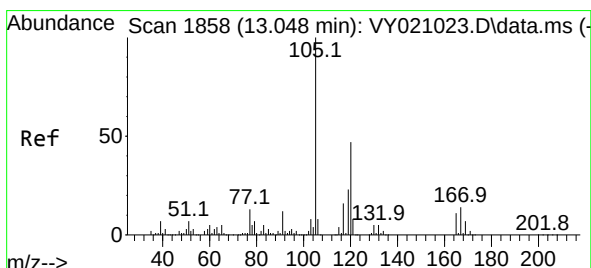
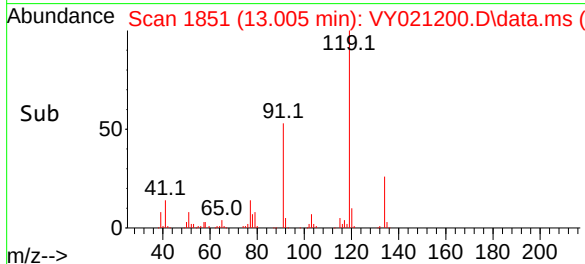
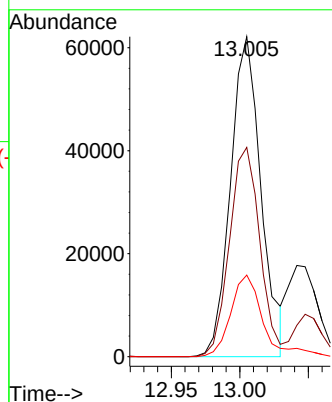
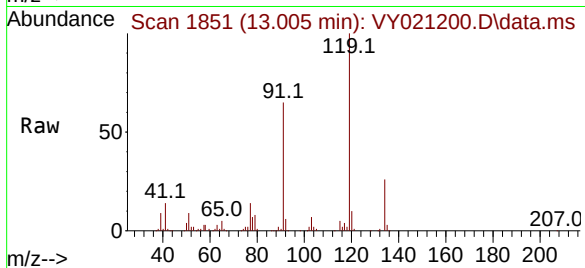
Tgt Ion:119 Resp: 96351

Ion Ratio Lower Upper

119 100

91 65.0 31.5 94.5

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 19.857 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY021200.D

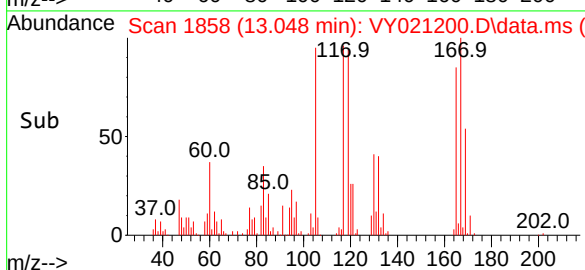
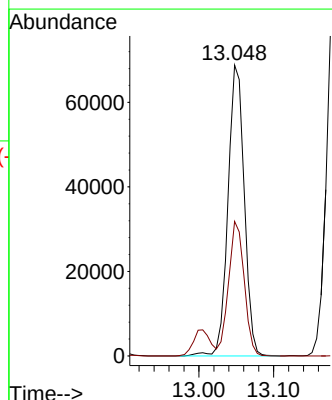
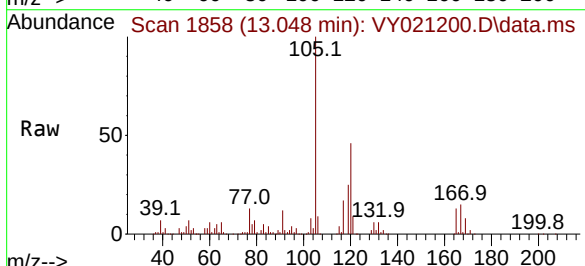
Acq: 14 Feb 2025 10:13

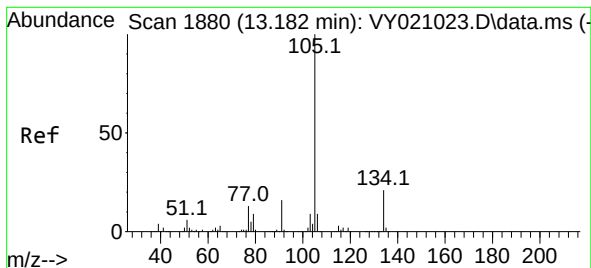
Tgt Ion:105 Resp: 104482

Ion Ratio Lower Upper

105 100

120 44.4 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.844 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

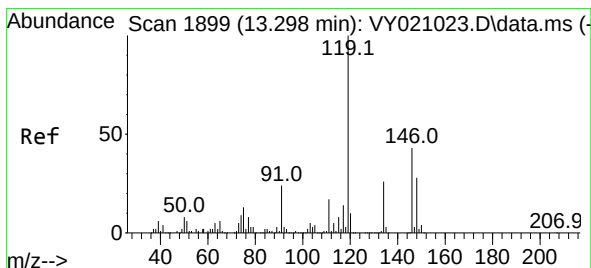
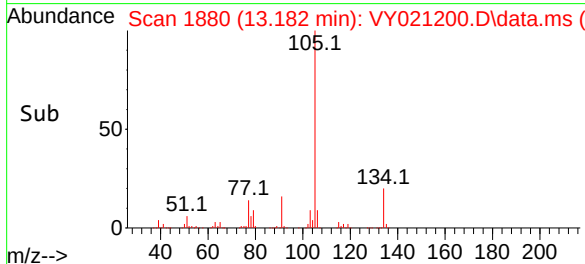
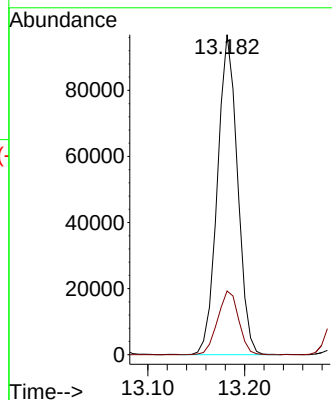
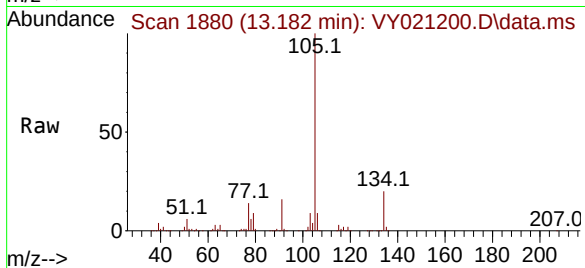
VY0214SBS01

Tgt Ion:105 Resp: 139721

Ion Ratio Lower Upper

105 100

134 20.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.765 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

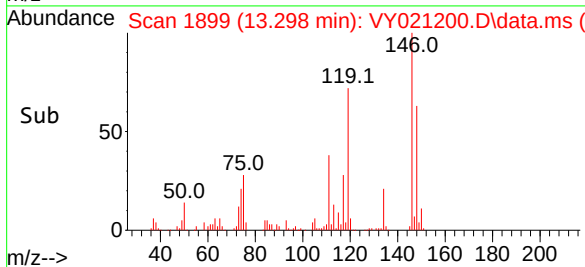
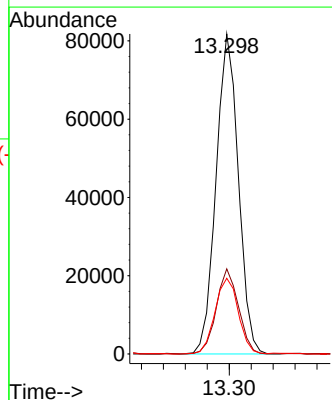
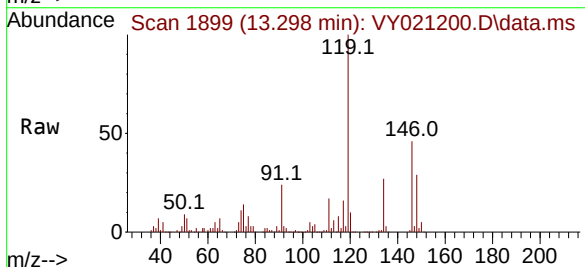
Tgt Ion:119 Resp: 115603

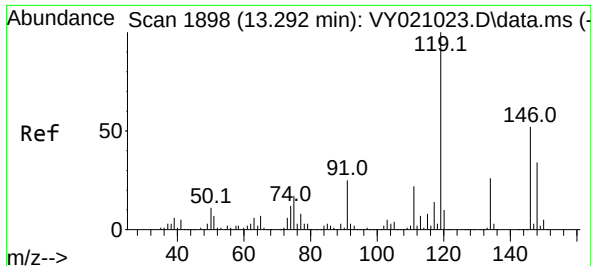
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 24.7 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.212 ug/l

RT: 13.298 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

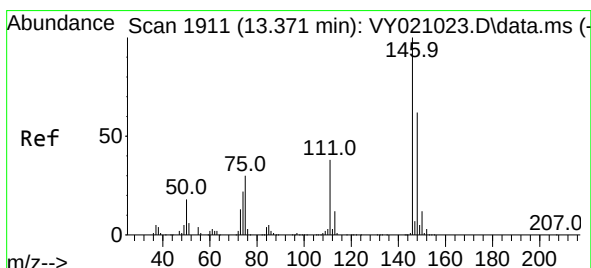
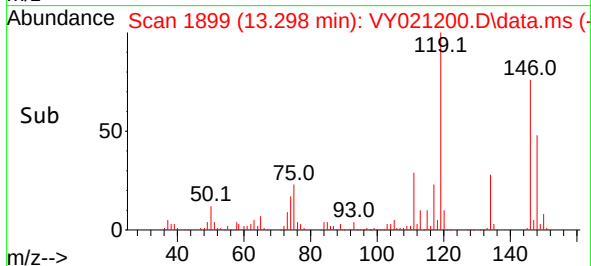
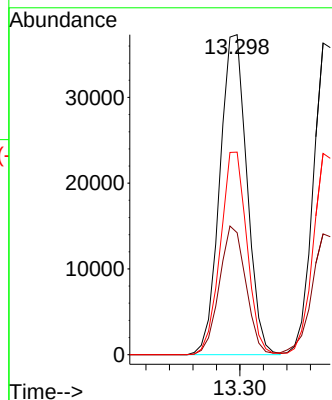
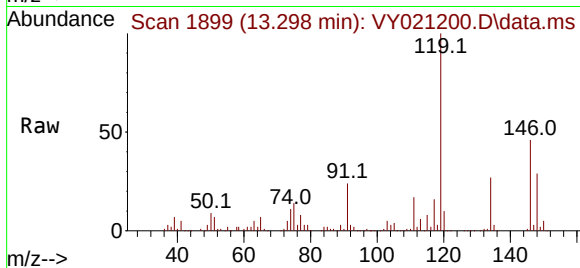
Tgt Ion:146 Resp: 59774

Ion Ratio Lower Upper

146 100

111 39.3 20.2 60.5

148 61.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.066 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

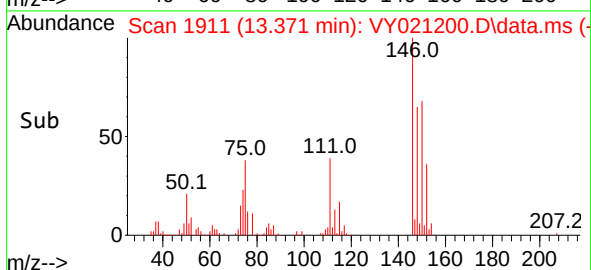
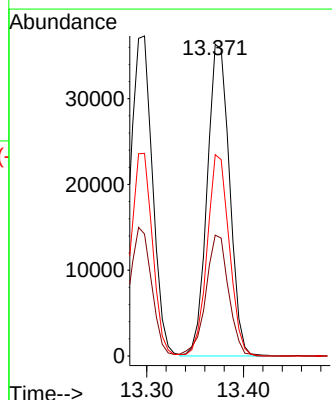
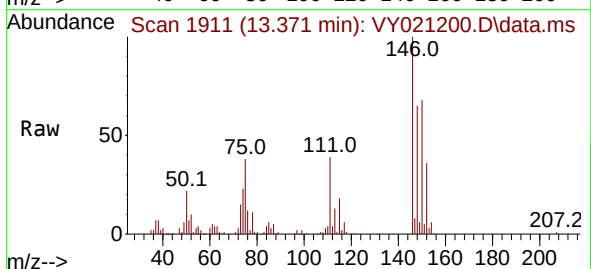
Tgt Ion:146 Resp: 58432

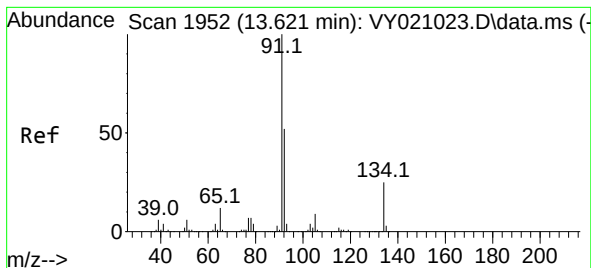
Ion Ratio Lower Upper

146 100

111 39.5 19.3 57.9

148 63.9 31.6 94.7





#89

n-Butylbenzene

Concen: 20.122 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

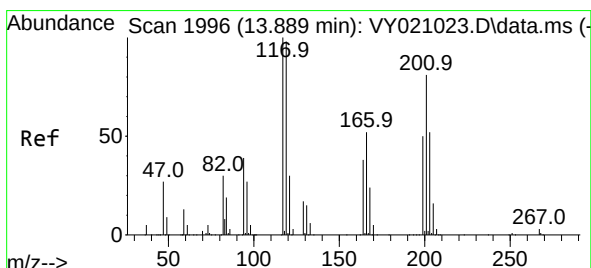
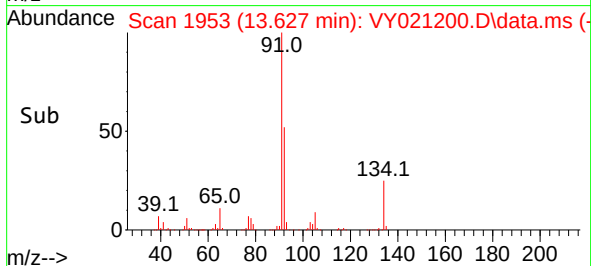
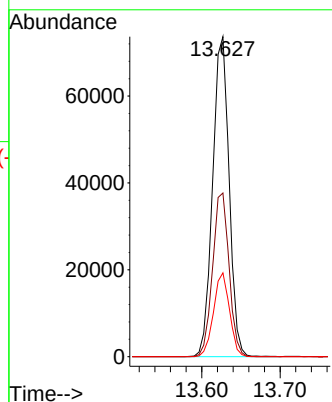
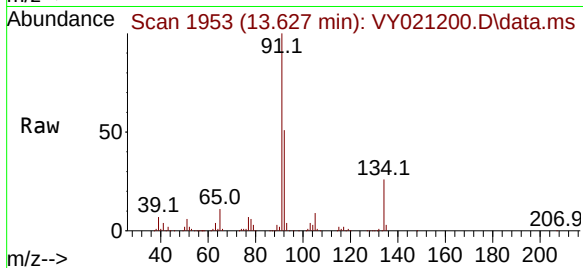
Tgt Ion: 91 Resp: 107365

Ion Ratio Lower Upper

91 100

92 51.2 26.4 79.2

134 25.4 12.3 36.8



#90

Hexachloroethane

Concen: 20.525 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY021200.D

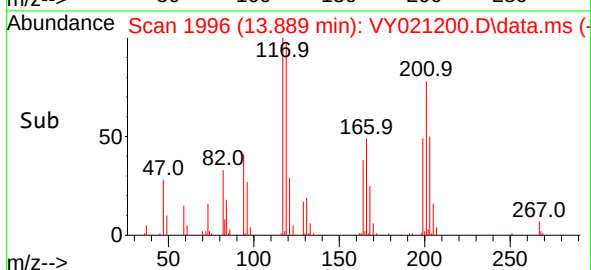
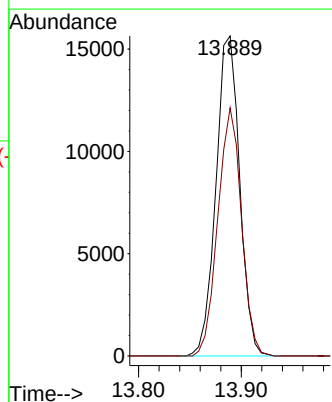
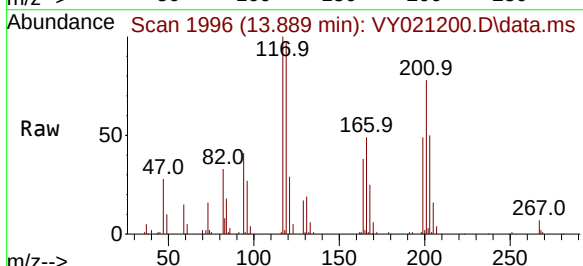
Acq: 14 Feb 2025 10:13

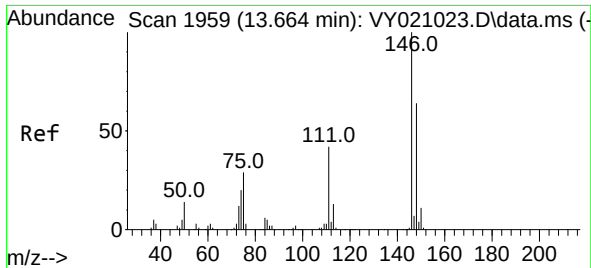
Tgt Ion: 117 Resp: 25044

Ion Ratio Lower Upper

117 100

201 77.2 33.4 100.1

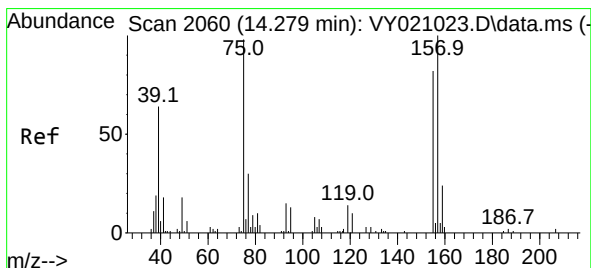
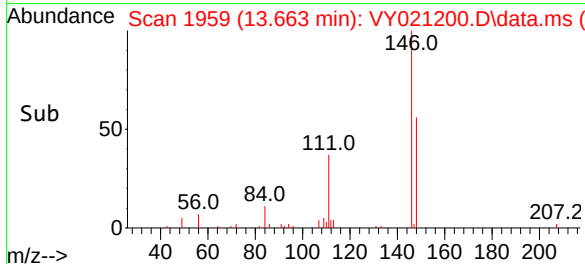
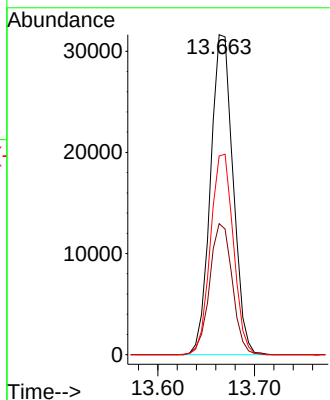
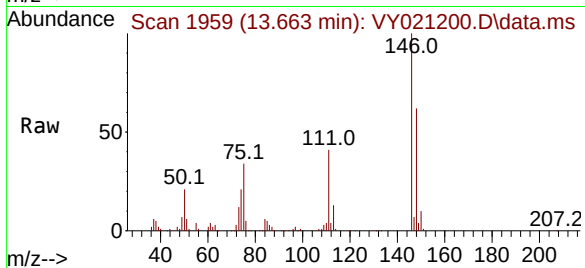




#91
1,2-Dichlorobenzene
Concen: 19.976 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

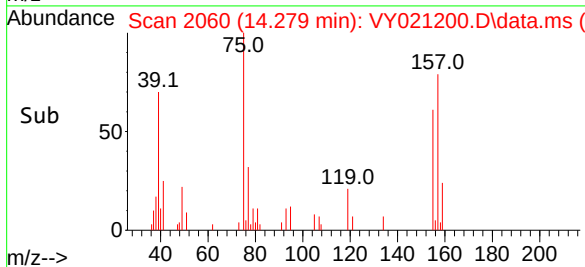
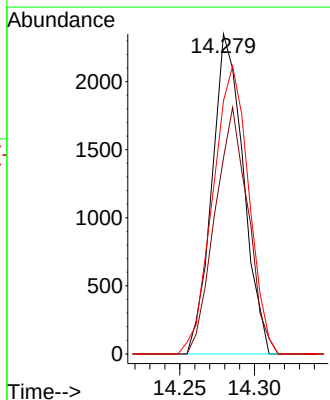
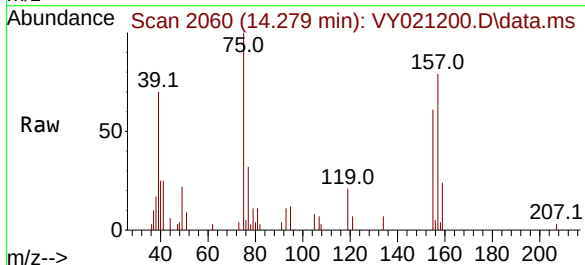
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

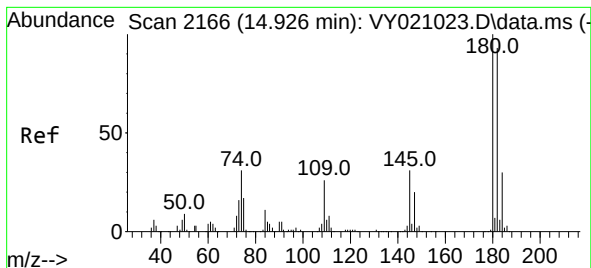
Tgt Ion:146 Resp: 51277
Ion Ratio Lower Upper
146 100
111 41.2 20.5 61.6
148 63.7 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.727 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY021200.D
Acq: 14 Feb 2025 10:13

Tgt Ion: 75 Resp: 3419
Ion Ratio Lower Upper
75 100
155 81.4 42.1 126.3
157 102.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 19.605 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021200.D

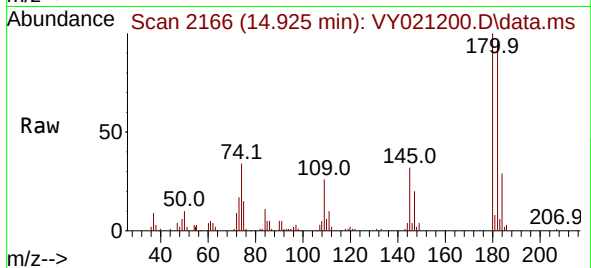
Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01



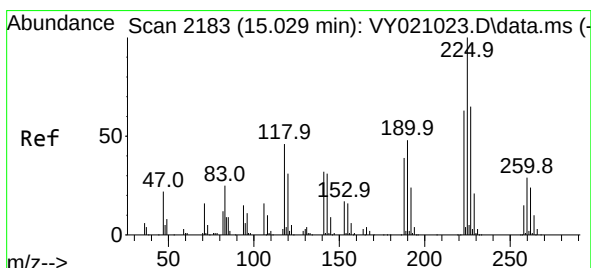
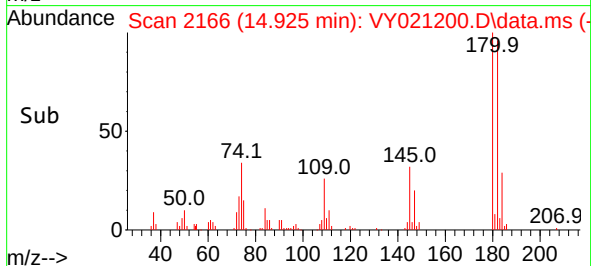
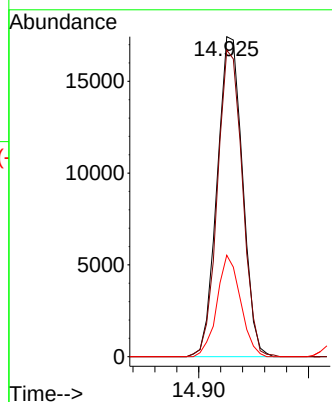
Tgt Ion:180 Resp: 28012

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.7

145 29.4 15.9 47.7



#94

Hexachlorobutadiene

Concen: 20.853 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

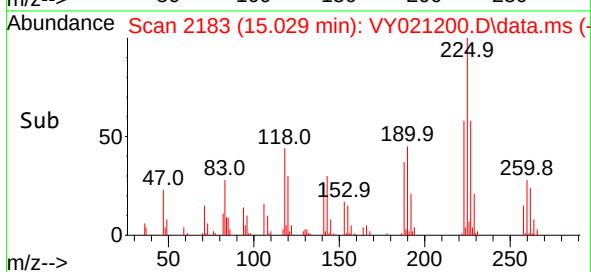
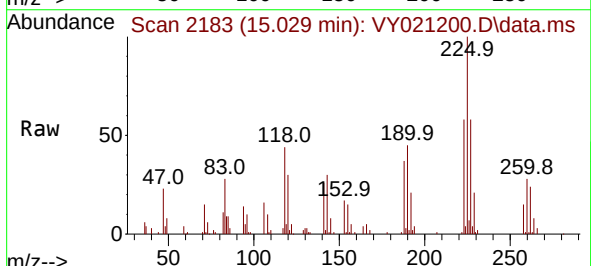
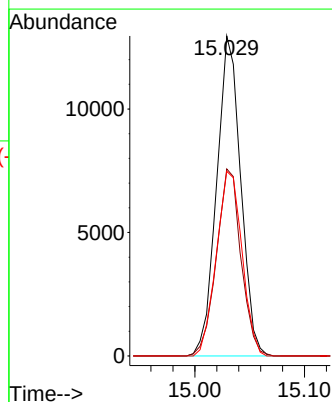
Tgt Ion:225 Resp: 19744

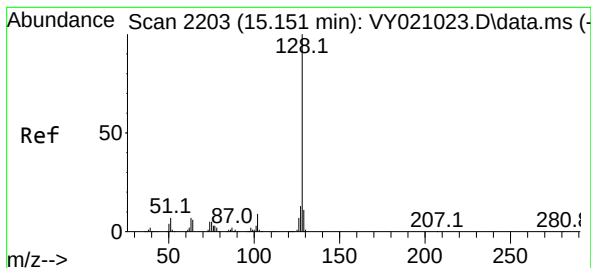
Ion Ratio Lower Upper

225 100

223 59.8 31.4 94.3

227 61.5 32.3 96.8





#95

Naphthalene

Concen: 19.737 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

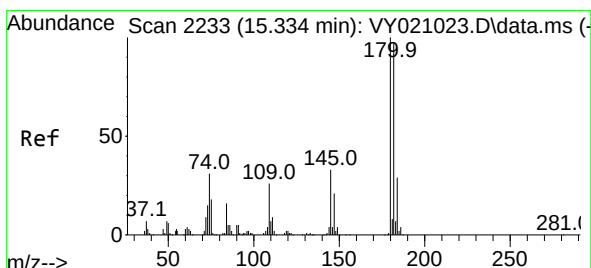
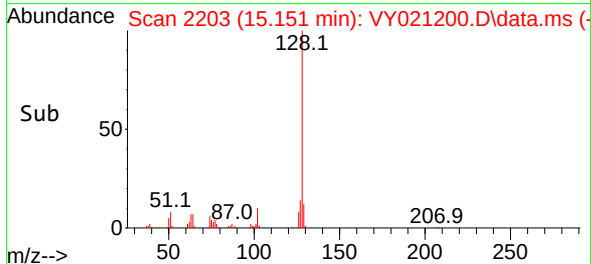
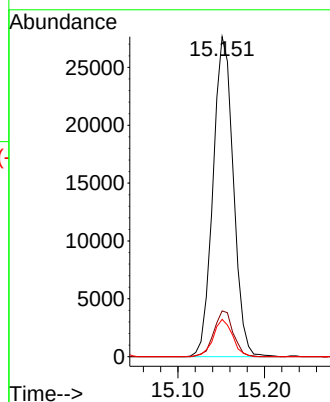
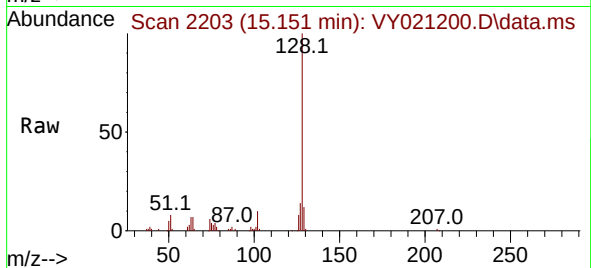
Tgt Ion:128 Resp: 45116

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.717 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021200.D

Acq: 14 Feb 2025 10:13

Tgt Ion:180 Resp: 23444

Ion Ratio Lower Upper

180 100

182 94.9 46.3 138.8

145 31.9 16.1 48.2

