

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020627.D
 Acq On : 18 Dec 2024 11:42
 Operator : SY/MD
 Sample : VY1218SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1218SBS01

Quant Time: Dec 18 14:21:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	153098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	244096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	214944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	120747	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	86732	51.726	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.460%	
35) Dibromofluoromethane	7.634	113	86233	50.126	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.260%	
50) Toluene-d8	10.103	98	310144	51.507	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.020%	
62) 4-Bromofluorobenzene	12.402	95	113747	48.292	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.580%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	38435	20.099	ug/l	97
3) Chloromethane	2.074	50	26666	18.820	ug/l	98
4) Vinyl Chloride	2.208	62	25628	19.433	ug/l	95
5) Bromomethane	2.592	94	17707	20.888	ug/l	100
6) Chloroethane	2.739	64	16084	19.737	ug/l	100
7) Trichlorofluoromethane	3.062	101	54495	19.749	ug/l	97
8) Diethyl Ether	3.458	74	18841	19.469	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	38613	19.522	ug/l	100
10) Methyl Iodide	4.007	142	45735	20.769	ug/l	100
11) Tert butyl alcohol	4.860	59	18625	82.982	ug/l #	86
12) 1,1-Dichloroethene	3.793	96	36924	19.240	ug/l	96
13) Acrolein	3.659	56	8392	105.846	ug/l	98
14) Allyl chloride	4.385	41	71890	21.378	ug/l	99
15) Acrylonitrile	5.068	53	47243	102.042	ug/l	100
16) Acetone	3.873	43	32300	92.921	ug/l	95
17) Carbon Disulfide	4.104	76	128006	20.491	ug/l	99
18) Methyl Acetate	4.397	43	24304	21.304	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	105197	21.238	ug/l	99
20) Methylene Chloride	4.622	84	43686	20.955	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	43916	20.400	ug/l	96
22) Diisopropyl ether	6.019	45	148554	21.763	ug/l	95
23) Vinyl Acetate	5.964	43	408423	105.645	ug/l	99
24) 1,1-Dichloroethane	5.921	63	85392	21.354	ug/l	98
25) 2-Butanone	6.896	43	60654	97.337	ug/l	100
26) 2,2-Dichloropropane	6.890	77	70010	18.520	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	51600	20.834	ug/l	99
28) Bromochloromethane	7.250	49	24611	18.246	ug/l	100
29) Tetrahydrofuran	7.262	42	40544	103.068	ug/l	99
30) Chloroform	7.421	83	88937	18.850	ug/l	98
31) Cyclohexane	7.701	56	76241	19.940	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	76355	20.784	ug/l	100
36) 1,1-Dichloropropene	7.835	75	62499	19.924	ug/l	99
37) Ethyl Acetate	6.988	43	28092	19.038	ug/l	99
38) Carbon Tetrachloride	7.817	117	69992	20.167	ug/l	95
39) Methylcyclohexane	9.110	83	79720	19.499	ug/l	98
40) Benzene	8.079	78	190548	20.723	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	15591	19.986	ug/l #	92
42) 1,2-Dichloroethane	8.158	62	50556	20.731	ug/l	100
43) Isopropyl Acetate	8.201	43	56566	20.249	ug/l #	88
44) Trichloroethene	8.866	130	46762	20.697	ug/l	94
45) 1,2-Dichloropropane	9.140	63	44913	20.900	ug/l	93
46) Dibromomethane	9.231	93	23137	20.372	ug/l	99
47) Bromodichloromethane	9.420	83	64097	20.894	ug/l	96
48) Methyl methacrylate	9.219	41	26036	19.605	ug/l	97
49) 1,4-Dioxane	9.231	88	4955	380.438	ug/l #	96
51) 4-Methyl-2-Pentanone	9.993	43	143998	97.658	ug/l	100
52) Toluene	10.170	92	116834	20.446	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	59267	20.733	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	69750	20.591	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	31492	20.973	ug/l	99
56) Ethyl methacrylate	10.439	69	44249	20.313	ug/l	99
57) 1,3-Dichloropropane	10.719	76	55078	20.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	96709	105.511	ug/l	100
59) 2-Hexanone	10.762	43	93397	98.655	ug/l	100
60) Dibromochloromethane	10.908	129	41457	20.645	ug/l	97
61) 1,2-Dibromoethane	11.012	107	28993	20.758	ug/l	100
64) Tetrachloroethene	10.646	164	40481	20.022	ug/l	92
65) Chlorobenzene	11.438	112	122990	20.464	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.512	131	44028	21.424	ug/l	100
67) Ethyl Benzene	11.518	91	224839	20.278	ug/l	99
68) m/p-Xylenes	11.627	106	167194	40.556	ug/l	100
69) o-Xylene	11.957	106	79188	20.587	ug/l	99
70) Styrene	11.969	104	134103	20.867	ug/l	99
71) Bromoform	12.133	173	23868	20.657	ug/l #	100
73) Isopropylbenzene	12.255	105	212192	20.138	ug/l	100
74) N-amyl acetate	12.066	43	49369	20.020	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	35934	21.009	ug/l	96
76) 1,2,3-Trichloropropane	12.554	75	45548	36.313	ug/l #	100
77) Bromobenzene	12.530	156	47727	20.794	ug/l	98
78) n-propylbenzene	12.597	91	256750	20.224	ug/l	100
79) 2-Chlorotoluene	12.676	91	145869	20.423	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	174821	20.447	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11485	19.219	ug/l	98
82) 4-Chlorotoluene	12.780	91	152691	20.606	ug/l	99
83) tert-Butylbenzene	12.999	119	159815	20.640	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	171781	20.483	ug/l	99
85) sec-Butylbenzene	13.176	105	227197	20.180	ug/l	100
86) p-Isopropyltoluene	13.292	119	188392	20.296	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	91586	20.214	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	91045	20.289	ug/l	98
89) n-Butylbenzene	13.621	91	174537	19.840	ug/l	99
90) Hexachloroethane	13.883	117	37017	20.123	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	81563	20.777	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5446	19.612	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	47095	19.833	ug/l	99
94) Hexachlorobutadiene	15.023	225	30799	19.841	ug/l	99
95) Naphthalene	15.145	128	81118	19.926	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	40302	20.088	ug/l	99

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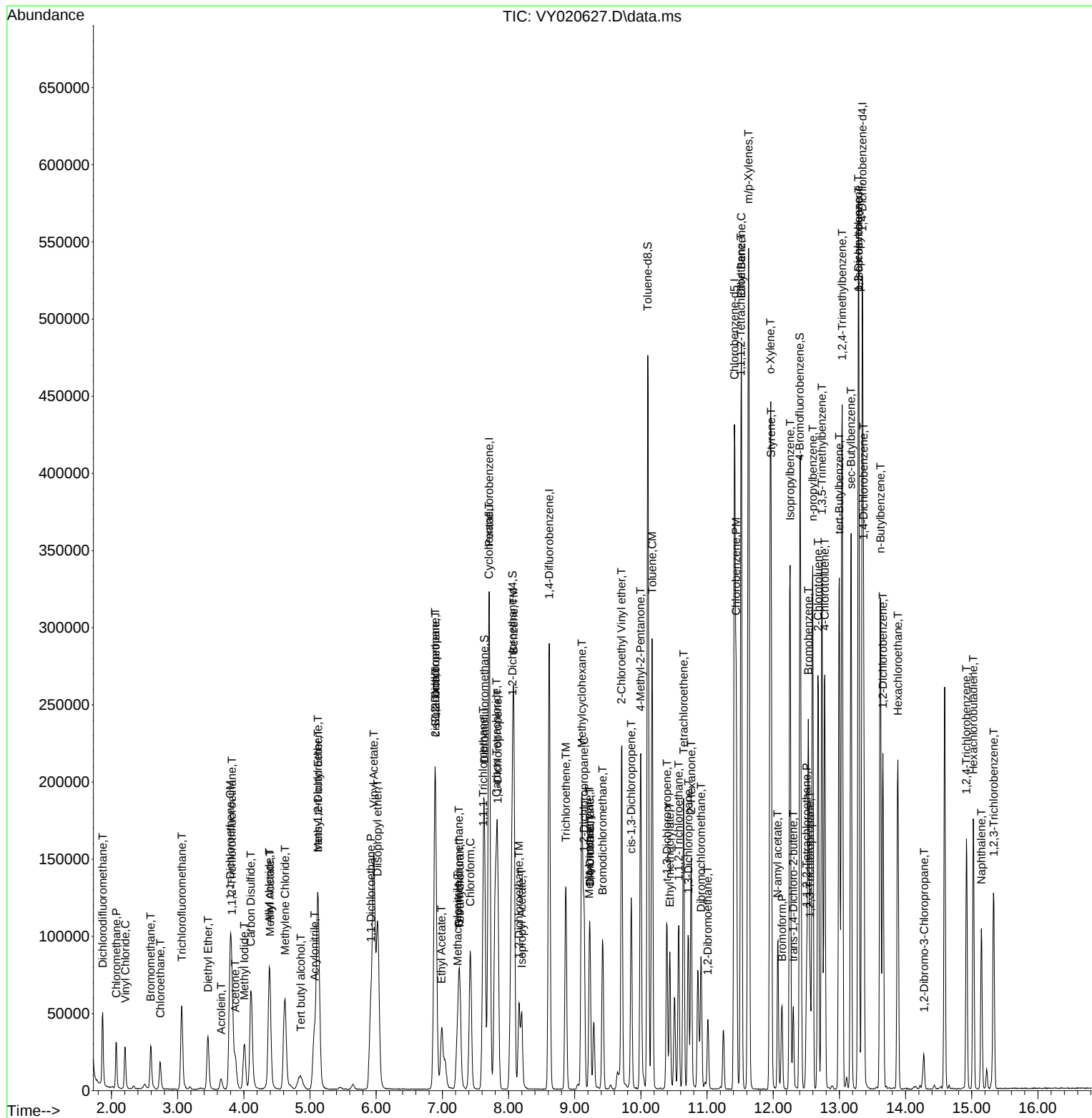
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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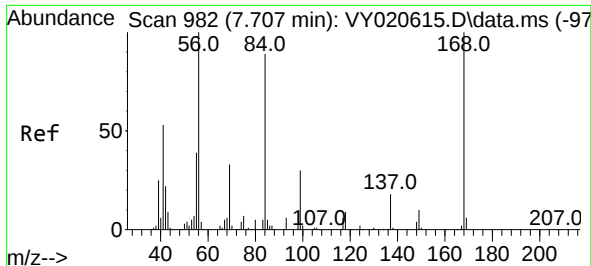
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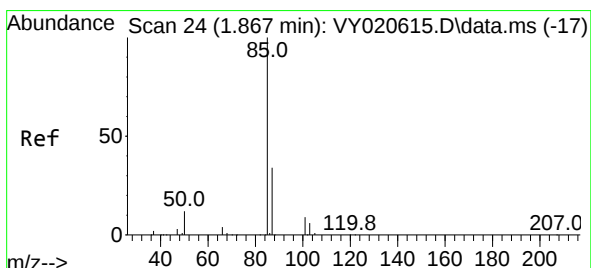
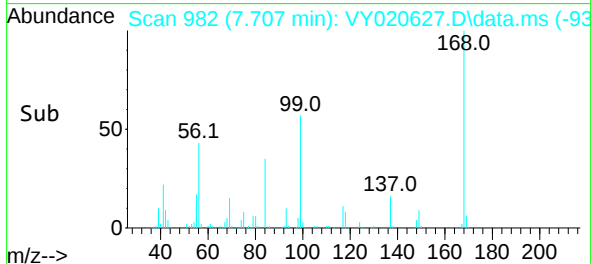
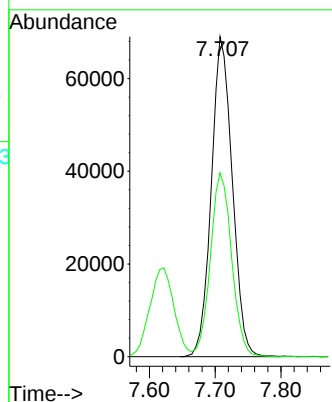
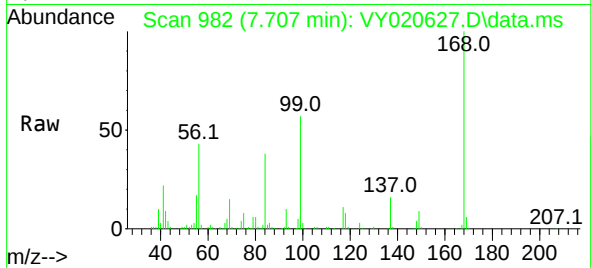




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020627.D
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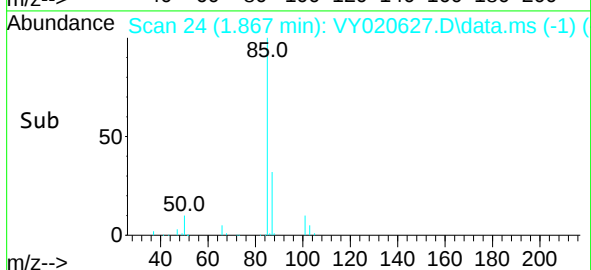
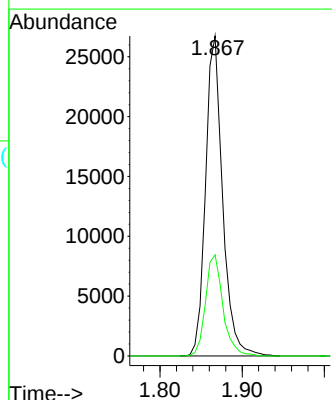
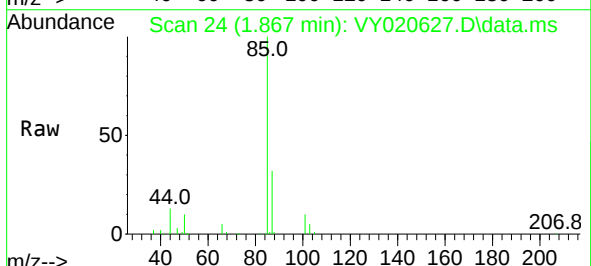
Instrument :
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ClientSampleId :
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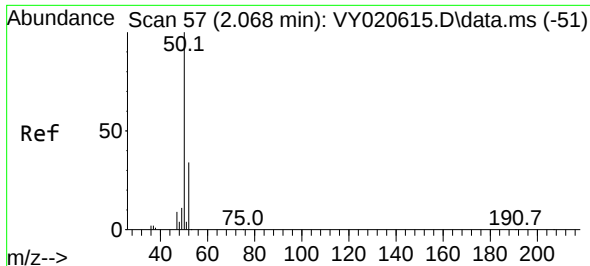
Tgt Ion:168 Resp: 153098
Ion Ratio Lower Upper
168 100
99 57.5 47.0 70.6



#2
Dichlorodifluoromethane
Concen: 20.099 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion: 85 Resp: 38435
Ion Ratio Lower Upper
85 100
87 31.6 16.8 50.3

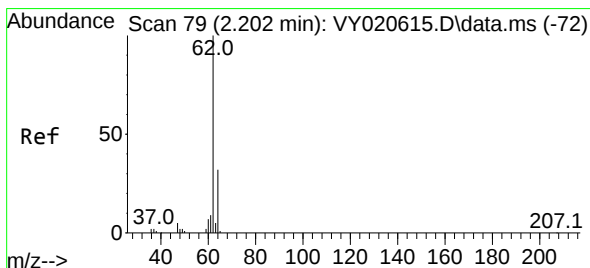
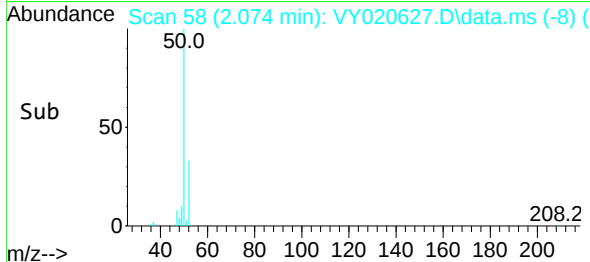
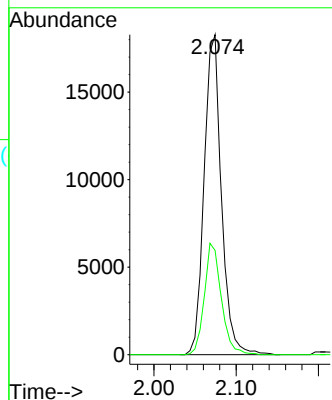
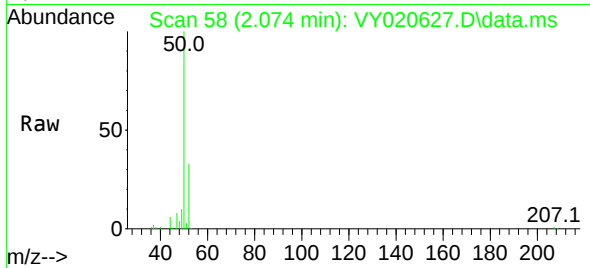




#3
Chloromethane
Concen: 18.820 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

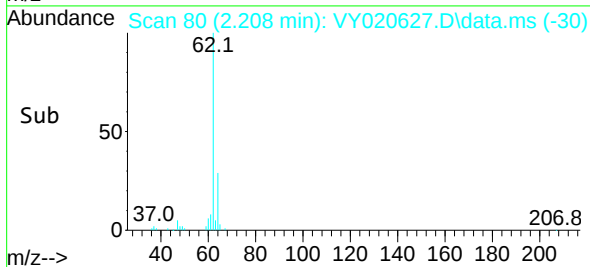
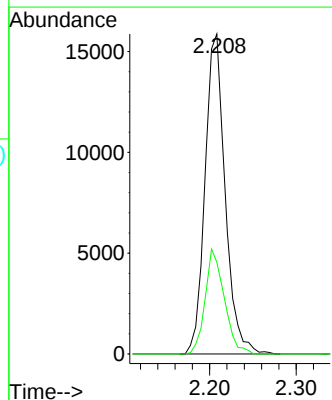
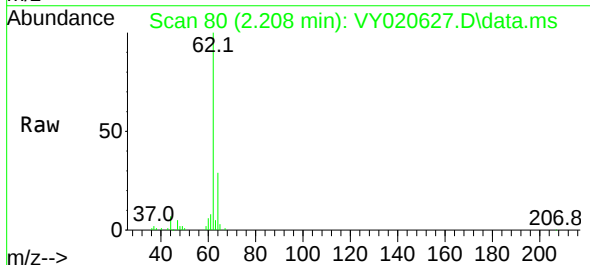
Instrument :
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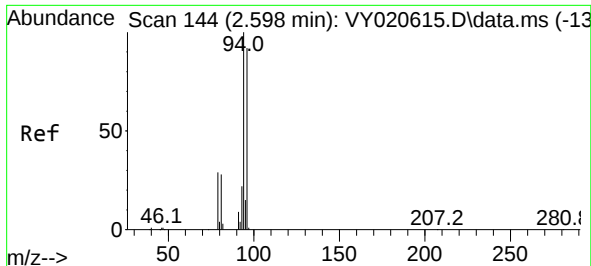
Tgt Ion: 50 Resp: 26666
Ion Ratio Lower Upper
50 100
52 32.6 26.8 40.2



#4
Vinyl Chloride
Concen: 19.433 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion: 62 Resp: 25628
Ion Ratio Lower Upper
62 100
64 28.7 25.3 37.9

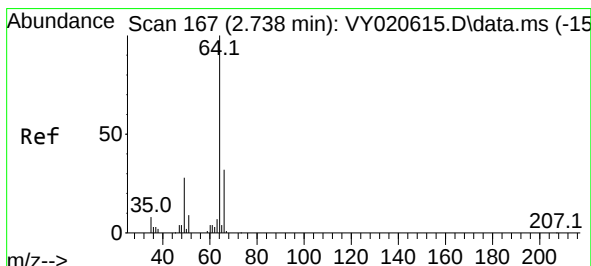
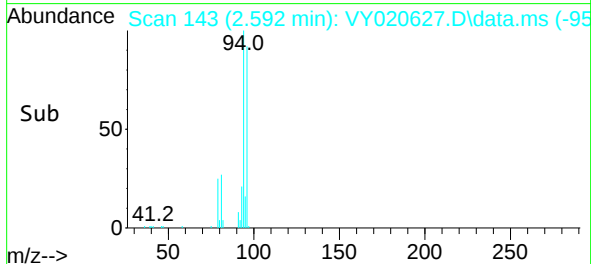
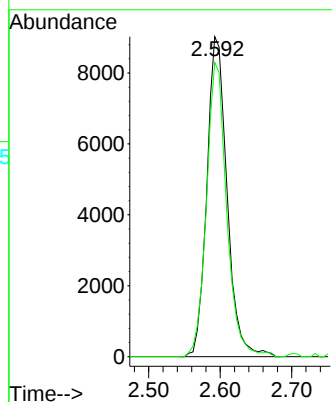
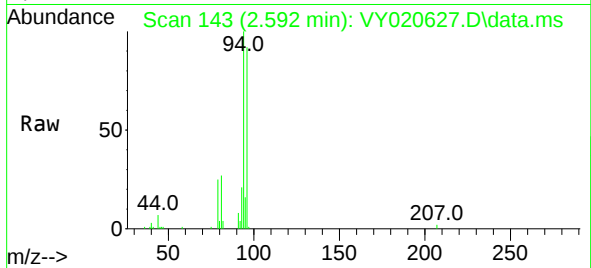




#5
Bromomethane
Concen: 20.888 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

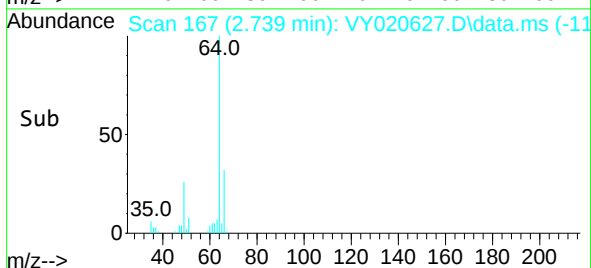
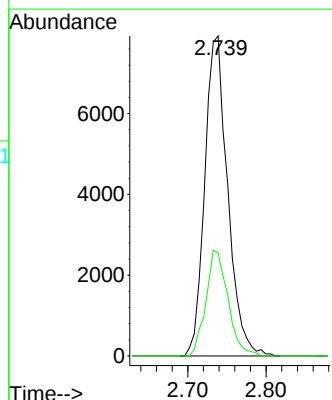
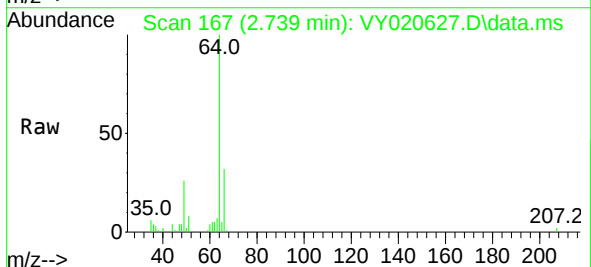
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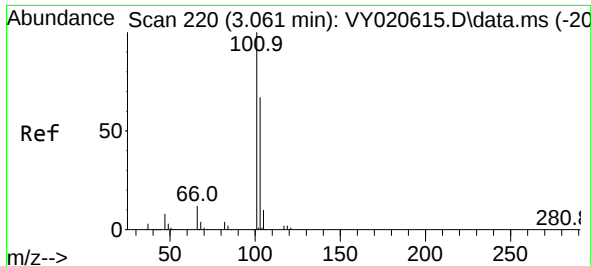
Tgt Ion: 94 Resp: 17707
Ion Ratio Lower Upper
94 100
96 91.9 73.8 110.6



#6
Chloroethane
Concen: 19.737 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020627.D
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Tgt Ion: 64 Resp: 16084
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.6

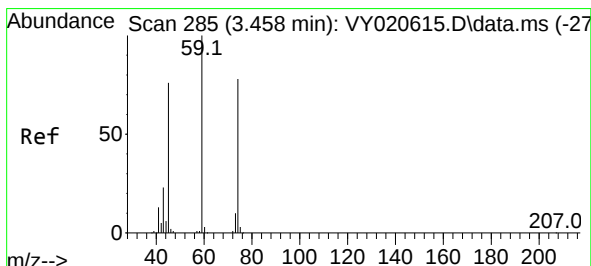
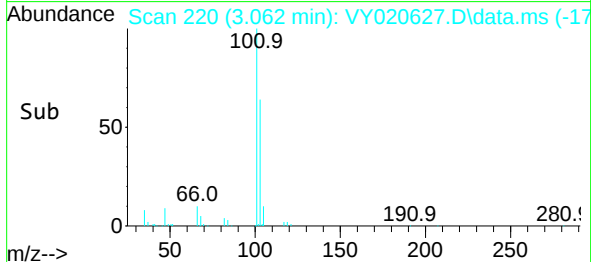
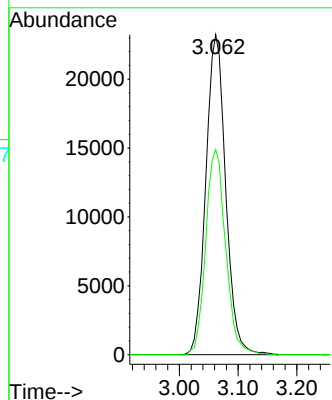
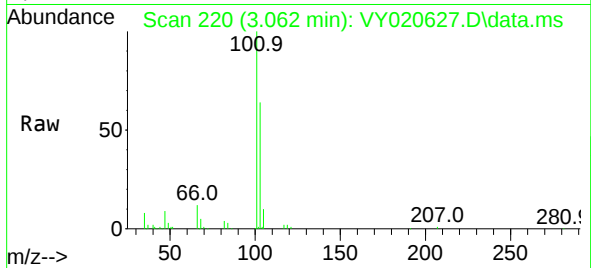




#7
Trichlorofluoromethane
Concen: 19.749 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

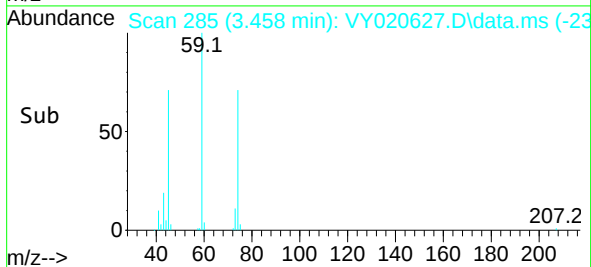
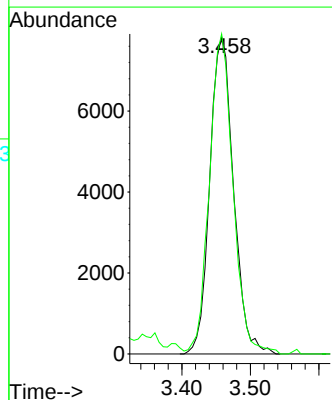
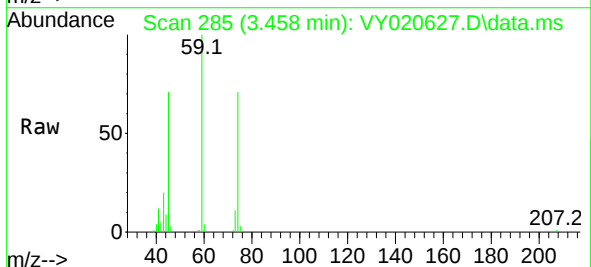
Instrument :
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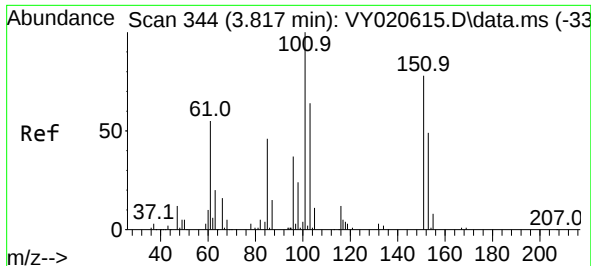
Tgt Ion:101 Resp: 54495
Ion Ratio Lower Upper
101 100
103 64.0 53.4 80.0



#8
Diethyl Ether
Concen: 19.469 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY020627.D
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Tgt Ion: 74 Resp: 18841
Ion Ratio Lower Upper
74 100
45 100.4 49.0 147.2

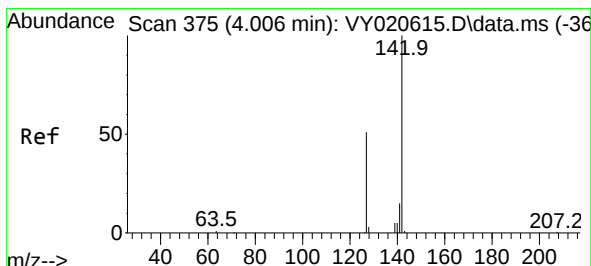
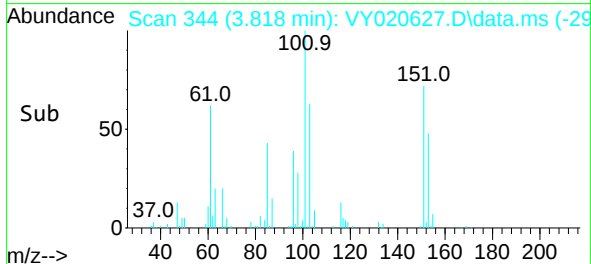
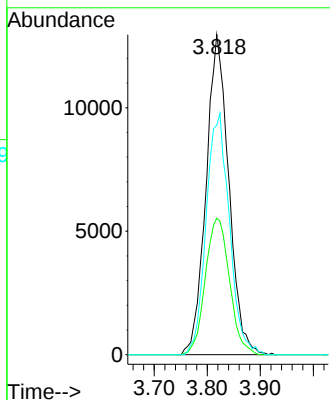
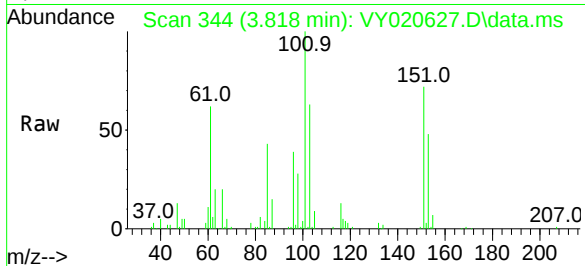




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.522 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

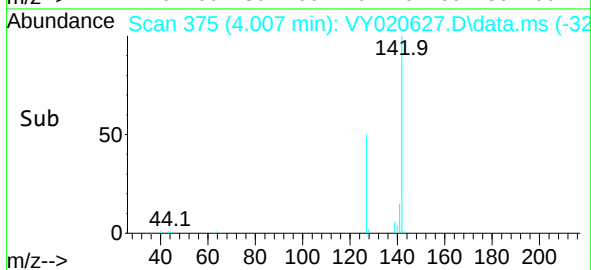
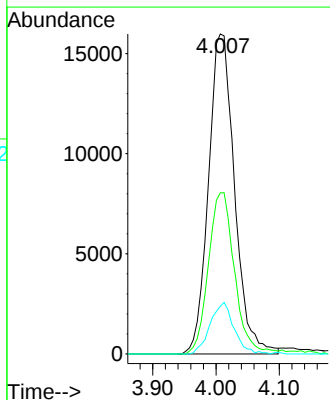
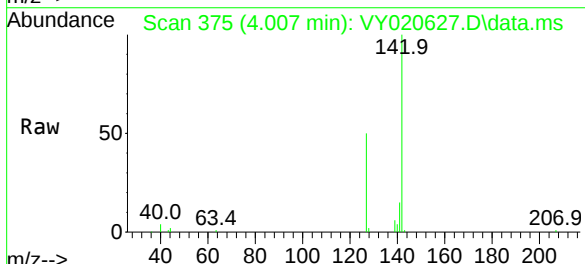
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBSD01

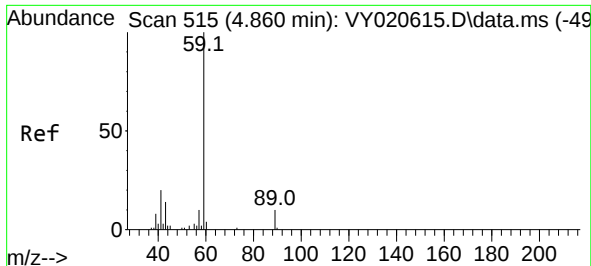
Tgt Ion:101 Resp: 38613
Ion Ratio Lower Upper
101 100
85 45.3 36.6 54.8
151 77.1 61.5 92.3



#10
Methyl Iodide
Concen: 20.769 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.001 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion:142 Resp: 45735
Ion Ratio Lower Upper
142 100
127 50.7 40.6 61.0
141 14.7 11.7 17.5

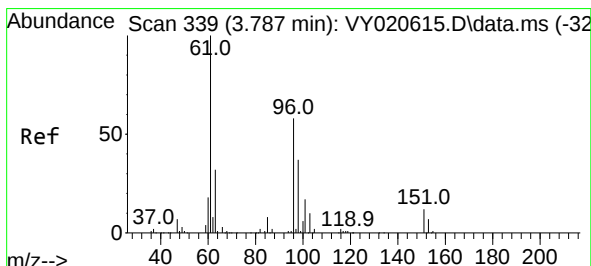
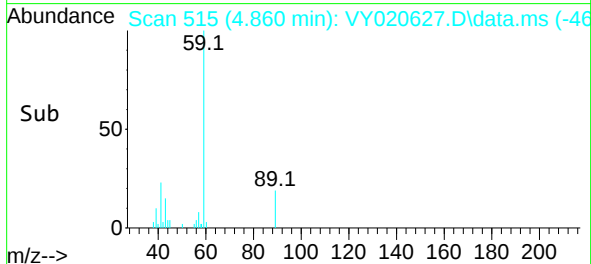
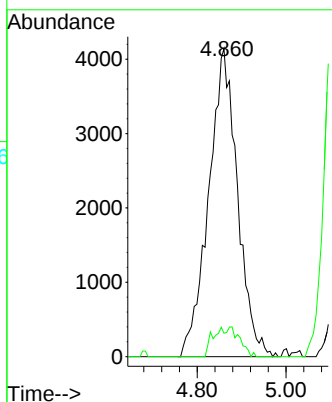
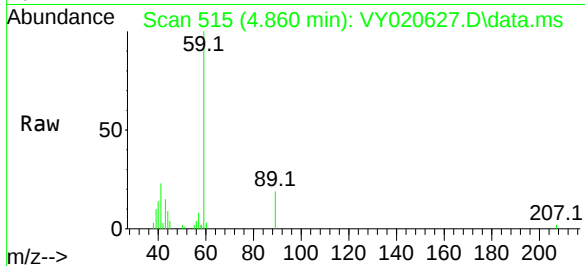




#11
Tert butyl alcohol
Concen: 82.982 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

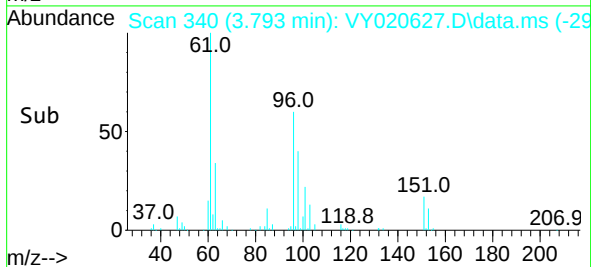
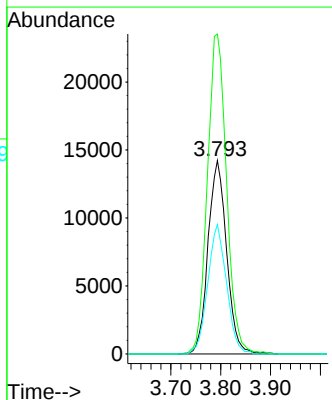
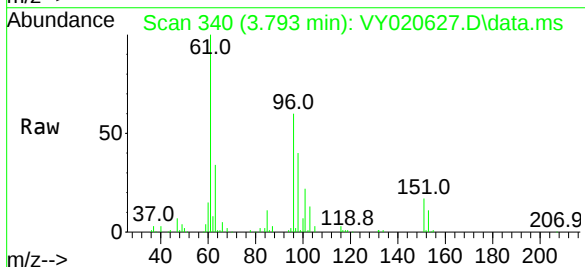
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBSD01

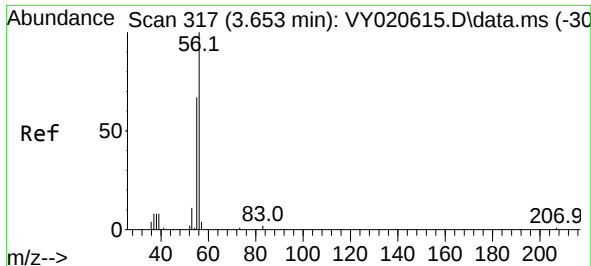
Tgt Ion: 59 Resp: 18625
Ion Ratio Lower Upper
59 100
57 4.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 19.240 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion: 96 Resp: 36924
Ion Ratio Lower Upper
96 100
61 165.4 136.9 205.3
98 66.9 50.2 75.4





#13

Acrolein

Concen: 105.846 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

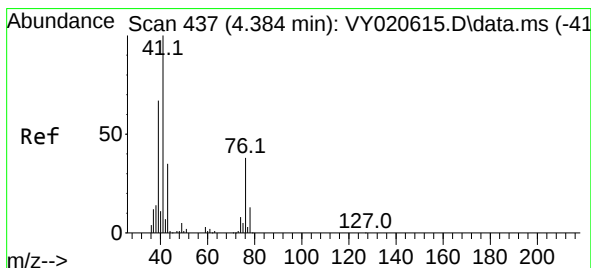
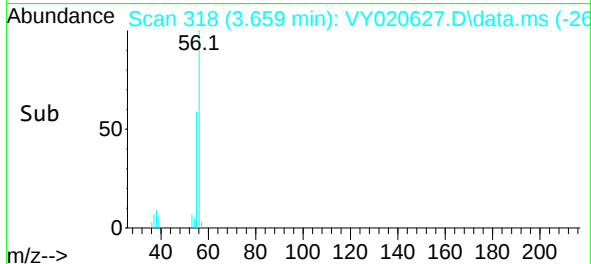
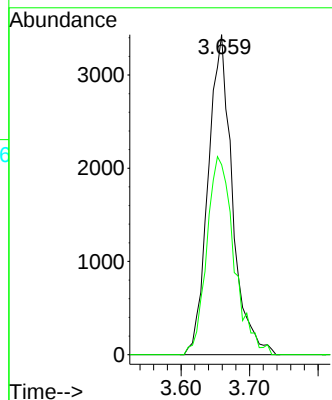
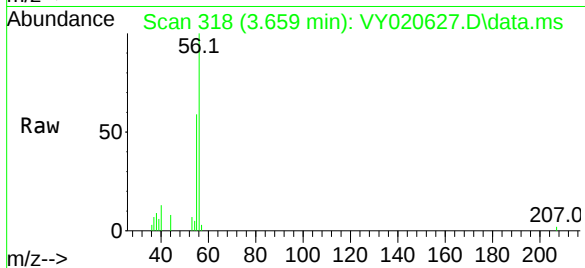
VY1218SBS01

Tgt Ion: 56 Resp: 8392

Ion Ratio Lower Upper

56 100

55 70.1 57.5 86.3



#14

Allyl chloride

Concen: 21.378 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

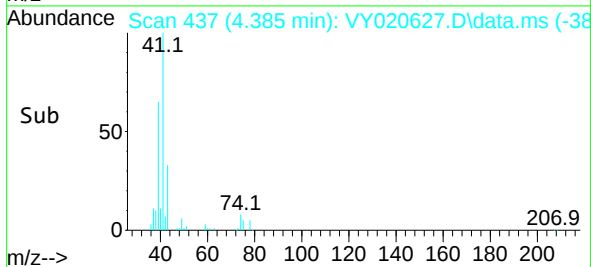
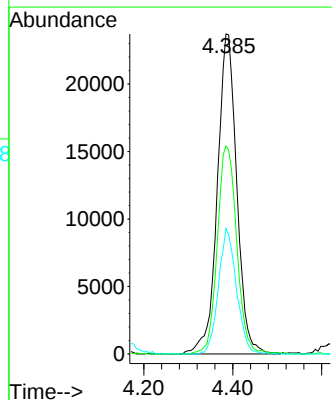
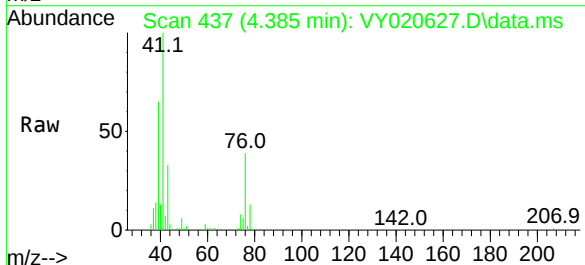
Tgt Ion: 41 Resp: 71890

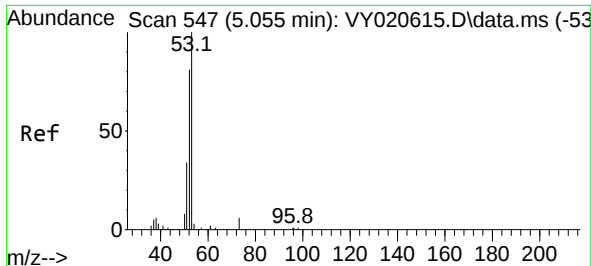
Ion Ratio Lower Upper

41 100

39 65.0 53.0 79.4

76 36.3 29.5 44.3

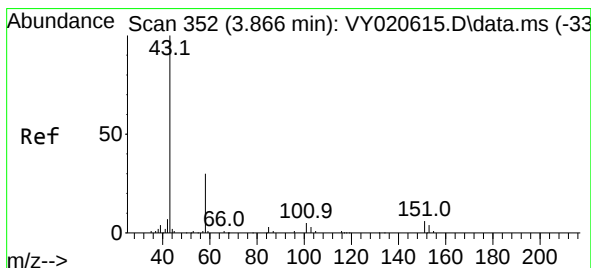
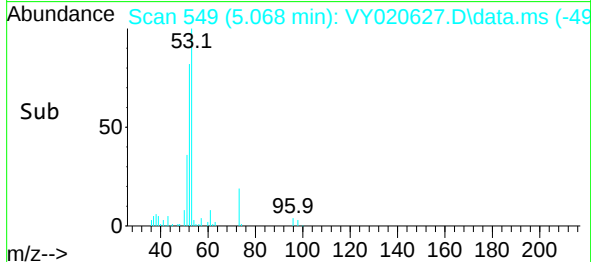
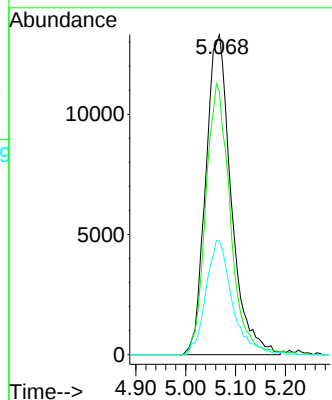
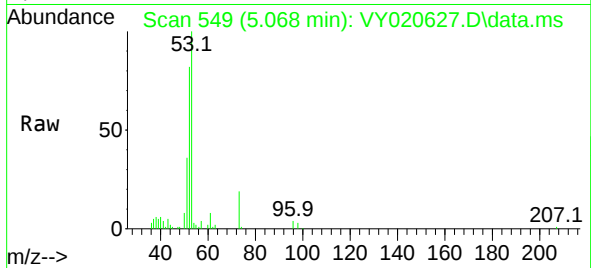




#15
Acrylonitrile
Concen: 102.042 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.013 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

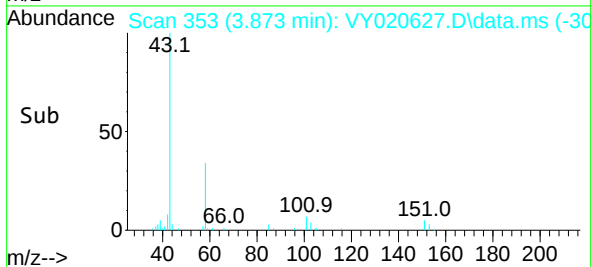
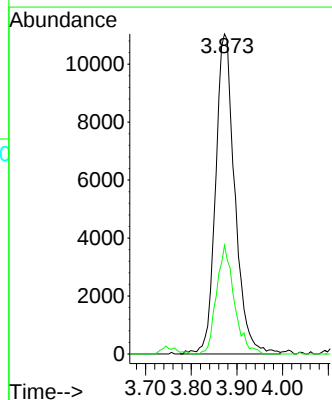
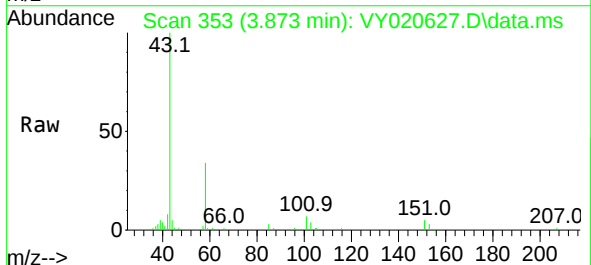
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBSD01

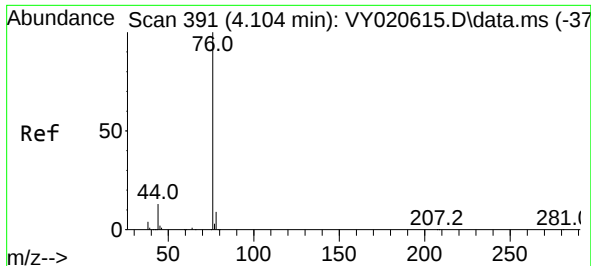
Tgt Ion: 53 Resp: 47243
Ion Ratio Lower Upper
53 100
52 81.1 64.5 96.7
51 36.7 29.4 44.0



#16
Acetone
Concen: 92.921 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.007 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion: 43 Resp: 32300
Ion Ratio Lower Upper
43 100
58 33.9 25.0 37.6

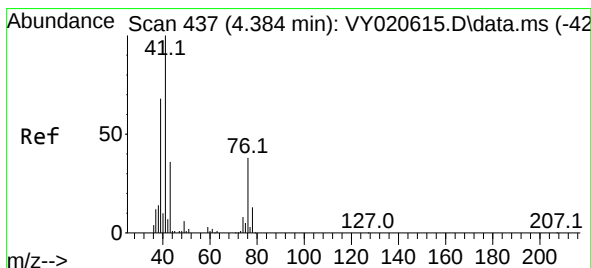
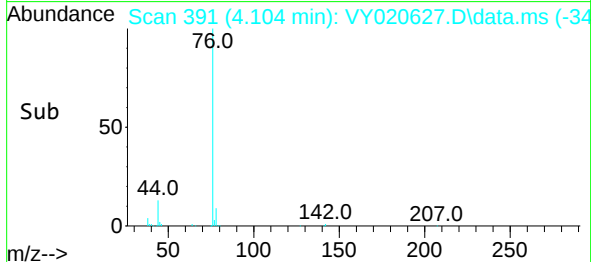
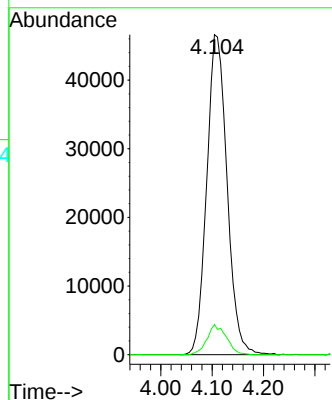
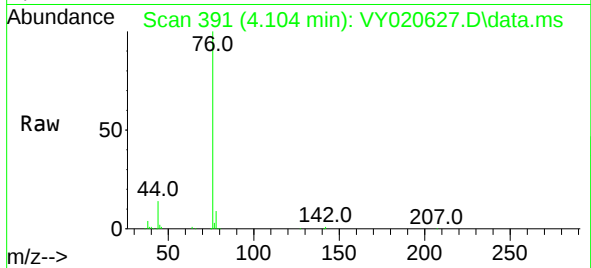




#17
Carbon Disulfide
Concen: 20.491 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

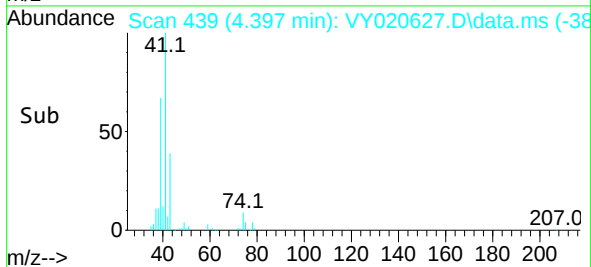
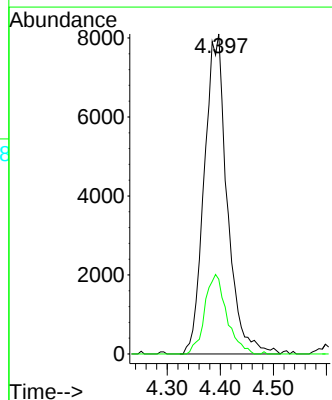
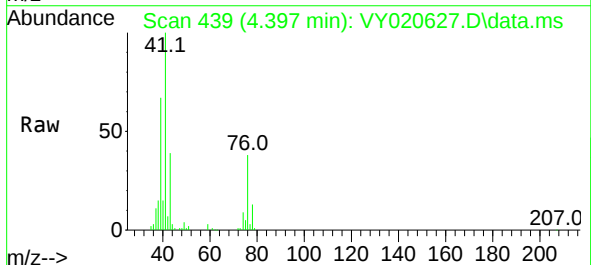
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBSD01

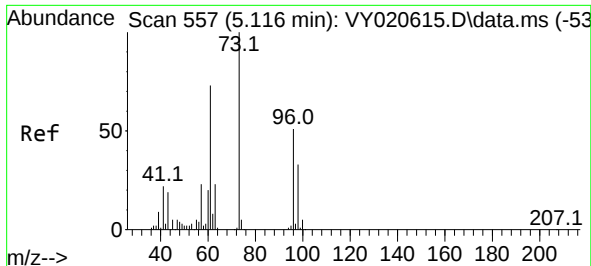
Tgt Ion: 76 Resp: 128006
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 21.304 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.013 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion: 43 Resp: 24304
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8

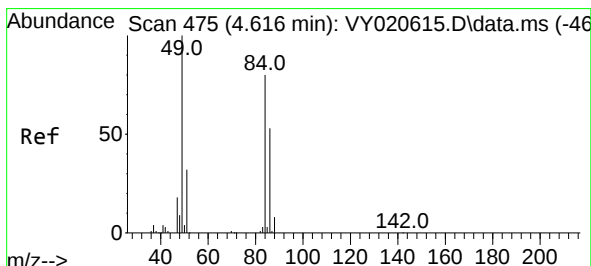
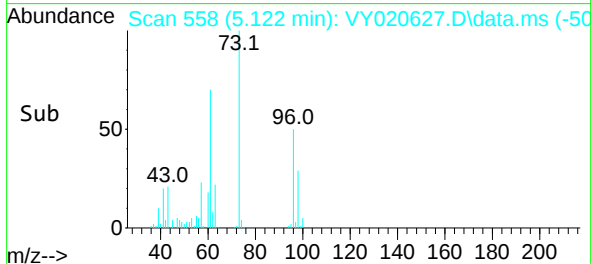
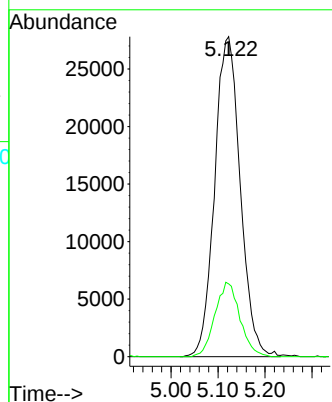
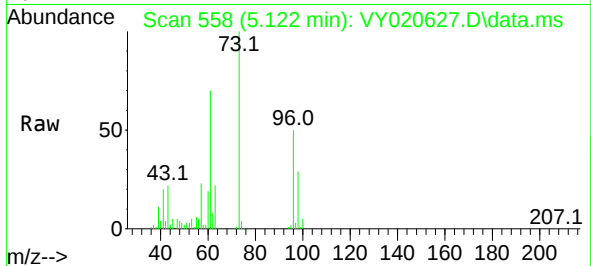




#19
Methyl tert-butyl Ether
Concen: 21.238 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

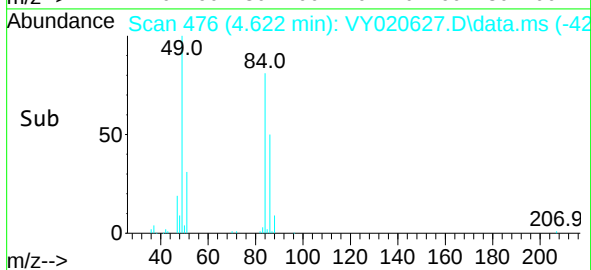
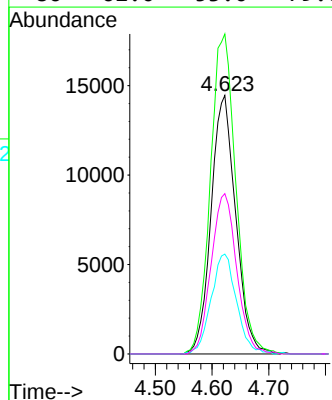
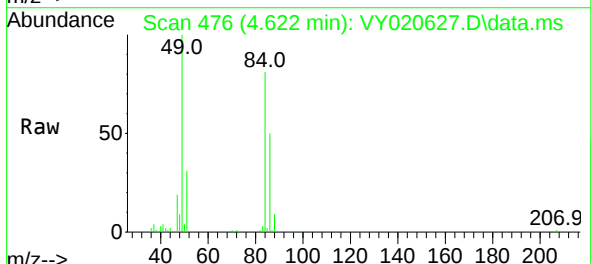
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBSD01

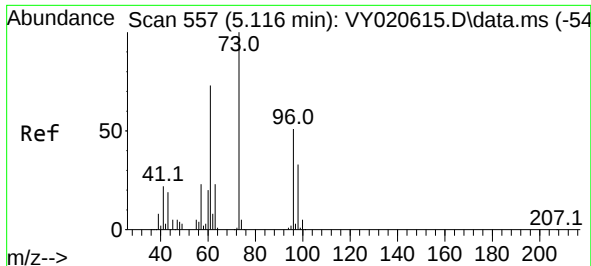
Tgt Ion: 73 Resp: 105197
Ion Ratio Lower Upper
73 100
57 22.8 18.5 27.7



#20
Methylene Chloride
Concen: 20.955 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion: 84 Resp: 43686
Ion Ratio Lower Upper
84 100
49 123.8 100.7 151.1
51 38.6 32.2 48.2
86 62.0 53.0 79.6

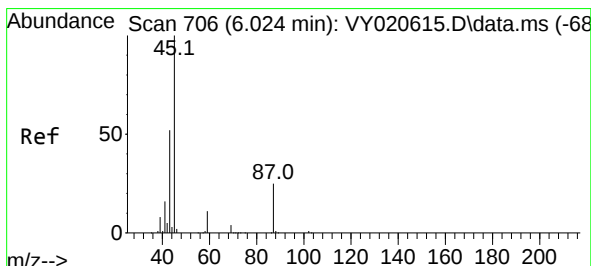
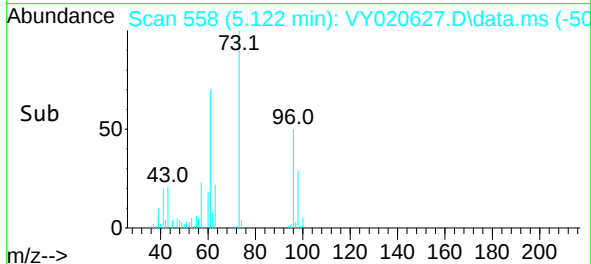
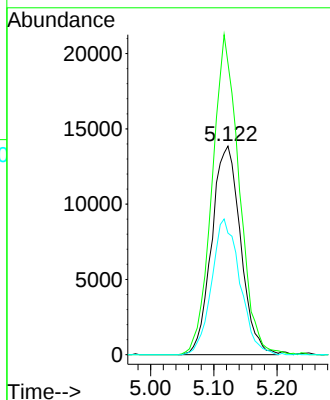
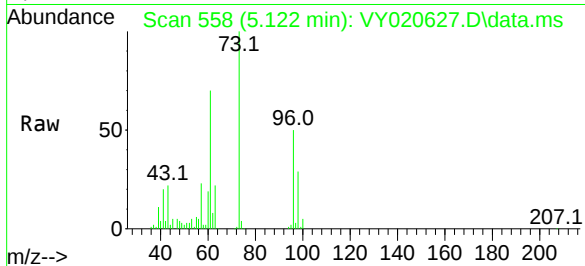




#21
trans-1,2-Dichloroethene
Concen: 20.400 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

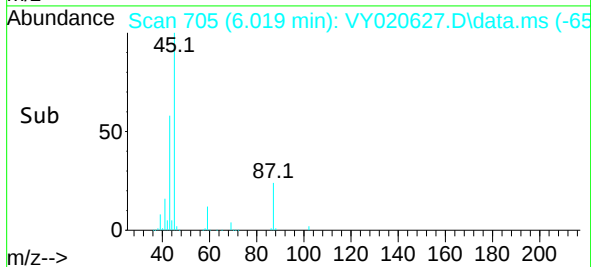
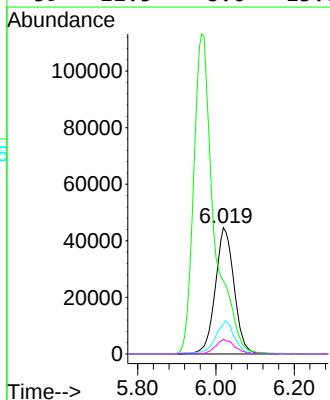
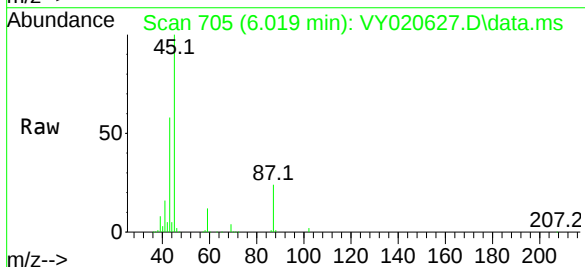
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBSD01

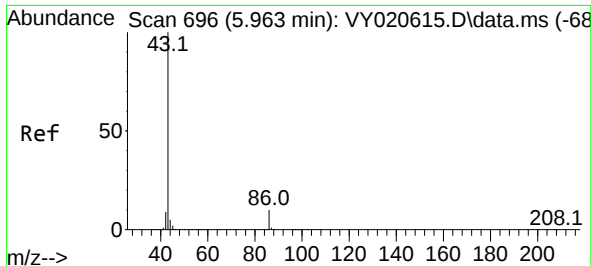
Tgt Ion: 96 Resp: 43916
Ion Ratio Lower Upper
96 100
61 139.7 113.7 170.5
98 58.3 51.7 77.5



#22
Diisopropyl ether
Concen: 21.763 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion: 45 Resp: 148554
Ion Ratio Lower Upper
45 100
43 57.3 42.6 64.0
87 24.0 20.6 31.0
59 11.5 8.6 13.0

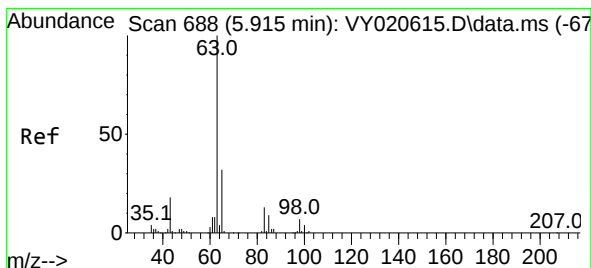
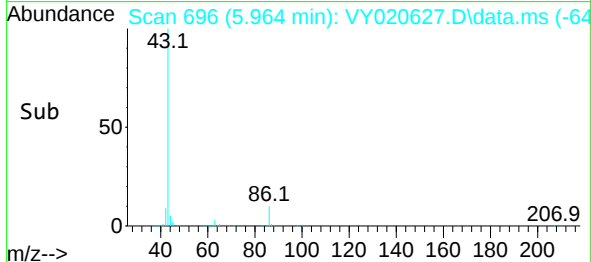
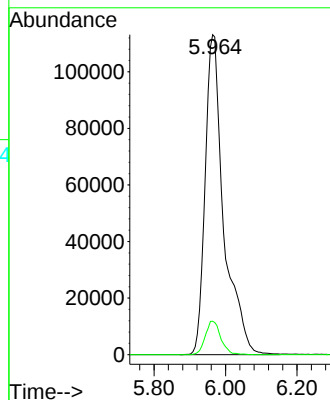
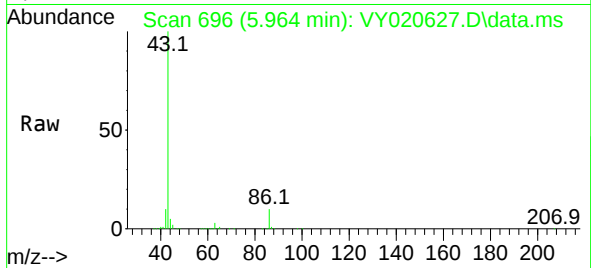




#23
 Vinyl Acetate
 Concen: 105.645 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020627.D
 Acq: 18 Dec 2024 11:42

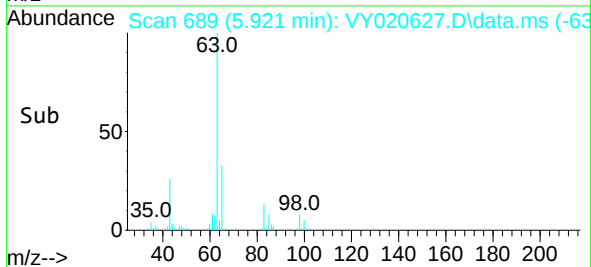
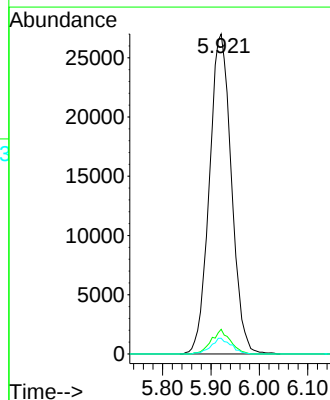
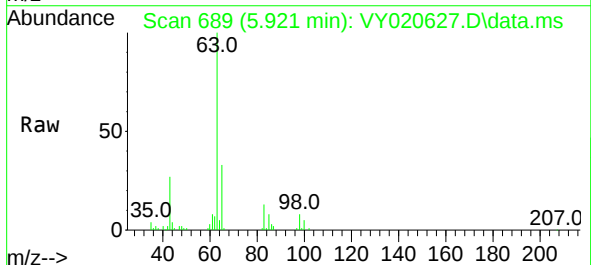
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1218SBS01

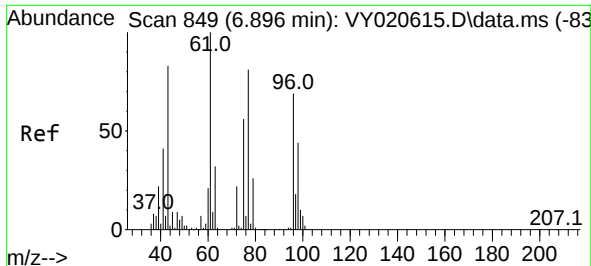
Tgt Ion: 43 Resp: 408423
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 21.354 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY020627.D
 Acq: 18 Dec 2024 11:42

Tgt Ion: 63 Resp: 85392
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.4 10.1
 100 4.9 2.1 6.5

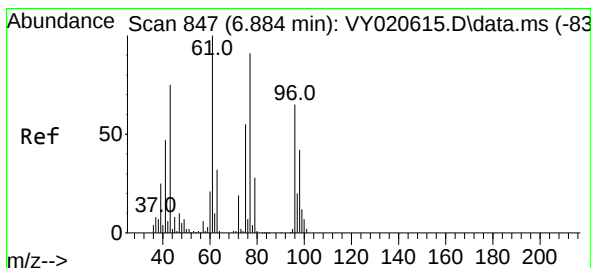
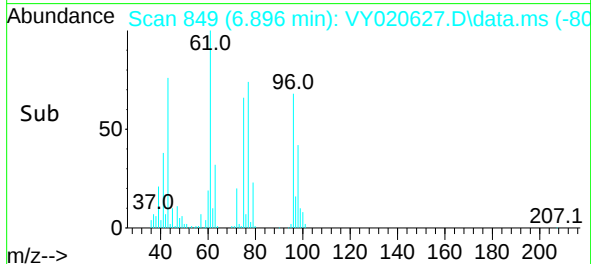
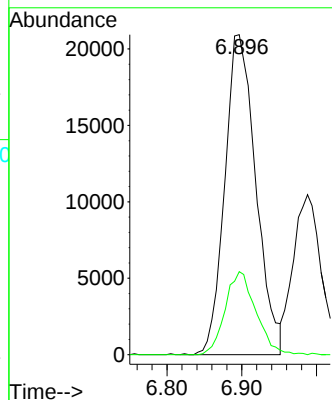
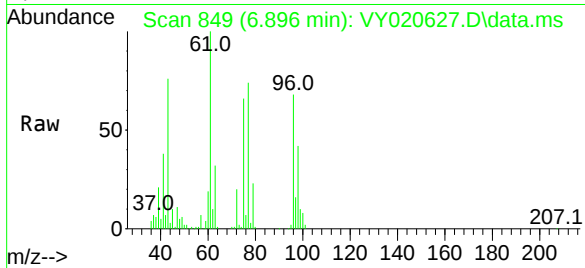




#25
2-Butanone
Concen: 97.337 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

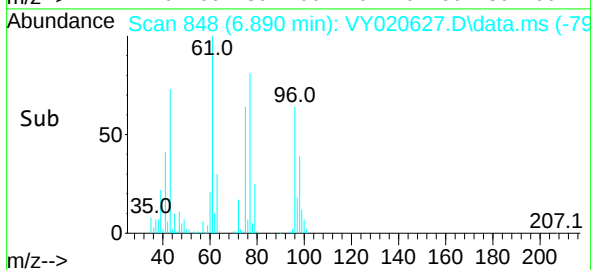
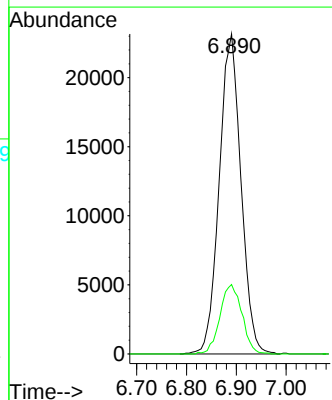
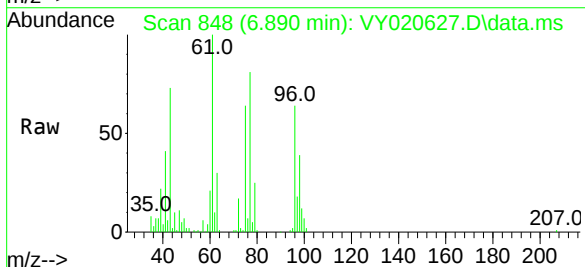
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBSD01

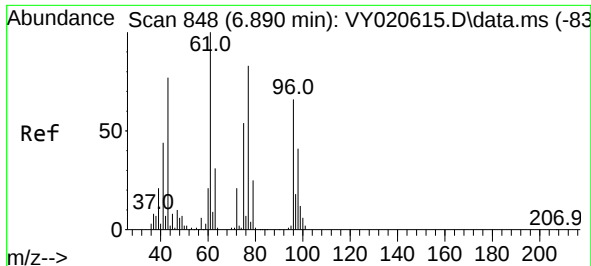
Tgt Ion: 43 Resp: 60654
Ion Ratio Lower Upper
43 100
72 25.9 20.6 31.0



#26
2,2-Dichloropropane
Concen: 18.520 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion: 77 Resp: 70010
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.6



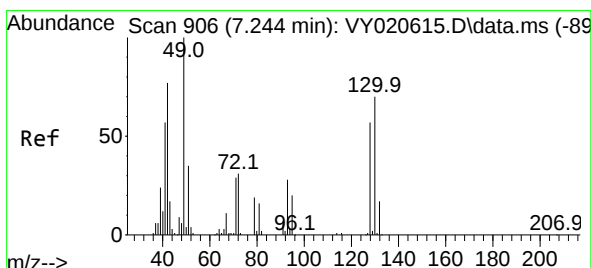
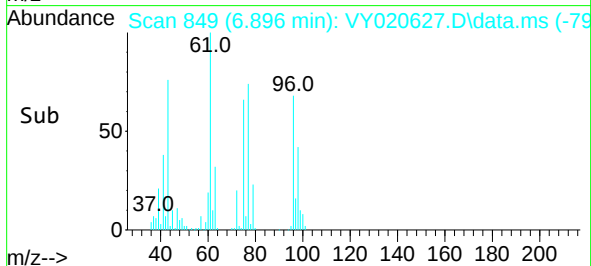
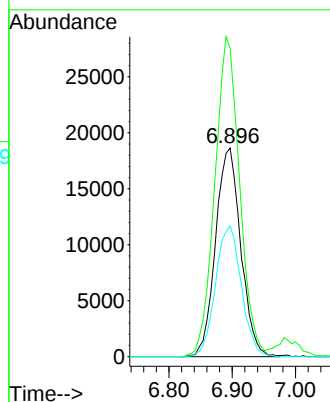
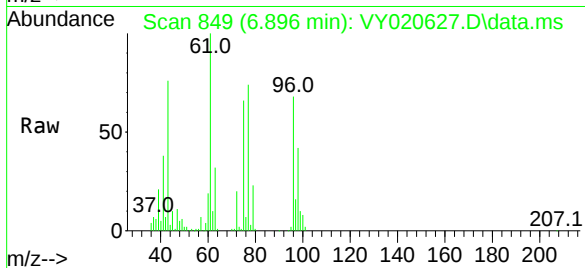


#27
 cis-1,2-Dichloroethene
 Concen: 20.834 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY020627.D
 Acq: 18 Dec 2024 11:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1218SBSD01

Tgt Ion: 96 Resp: 51600

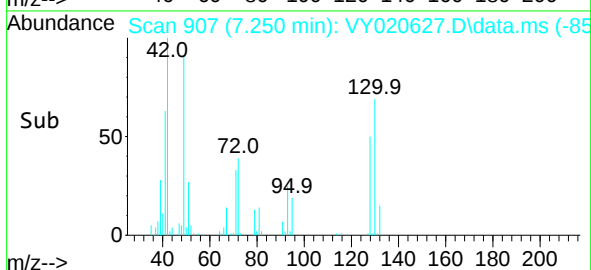
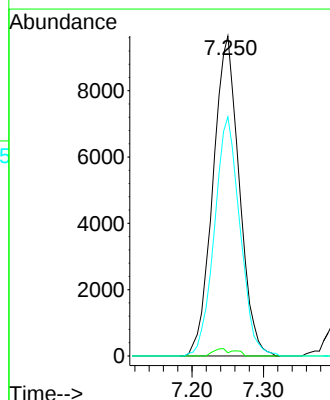
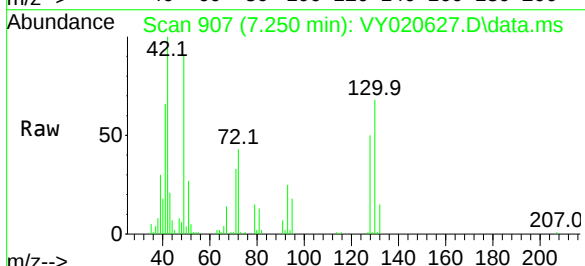
Ion	Ratio	Lower	Upper
96	100		
61	150.8	0.0	306.2
98	64.0	0.0	127.2

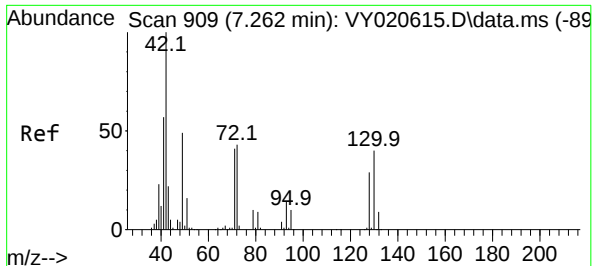


#28
 Bromochloromethane
 Concen: 18.246 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY020627.D
 Acq: 18 Dec 2024 11:42

Tgt Ion: 49 Resp: 24611

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	72.7	58.3	87.5

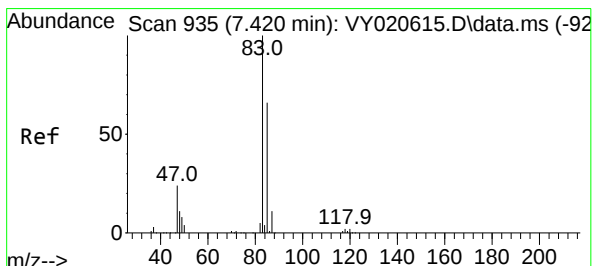
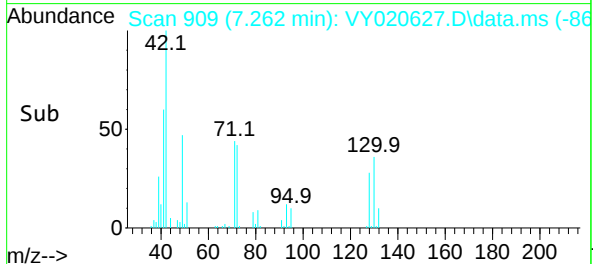
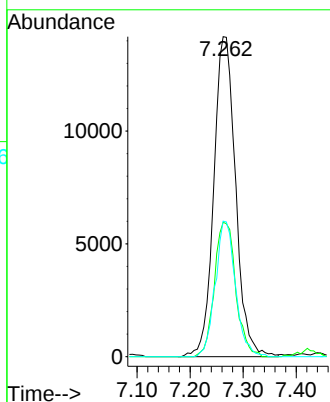
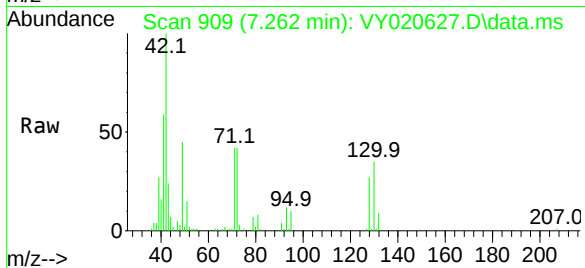




#29
Tetrahydrofuran
Concen: 103.068 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

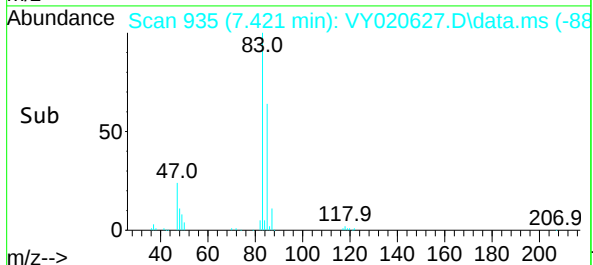
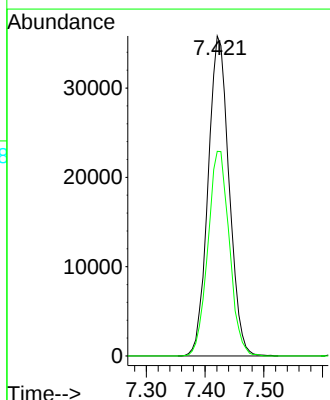
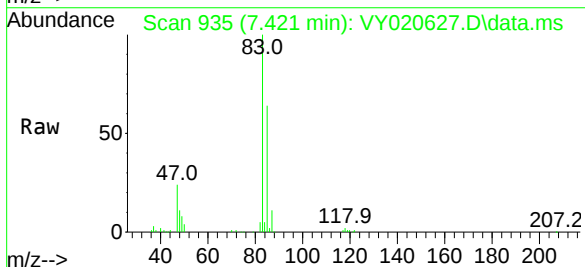
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBS01

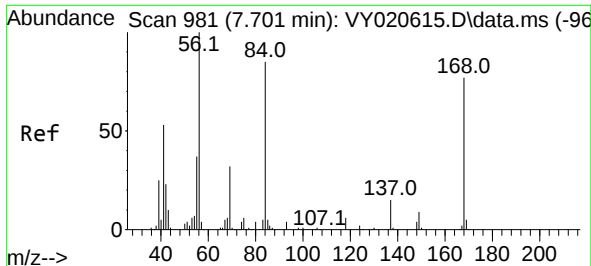
Tgt Ion: 42 Resp: 40544
Ion Ratio Lower Upper
42 100
72 41.1 34.0 51.0
71 39.3 31.6 47.4



#30
Chloroform
Concen: 18.850 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.001 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion: 83 Resp: 88937
Ion Ratio Lower Upper
83 100
85 64.0 52.7 79.1

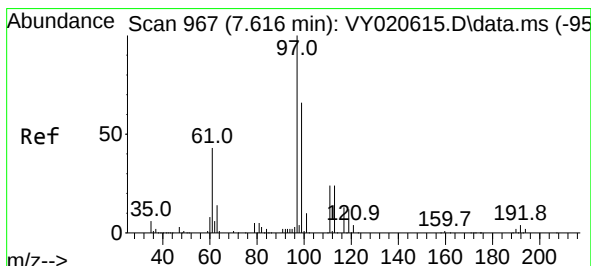
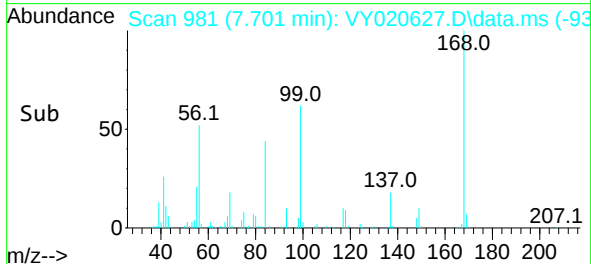
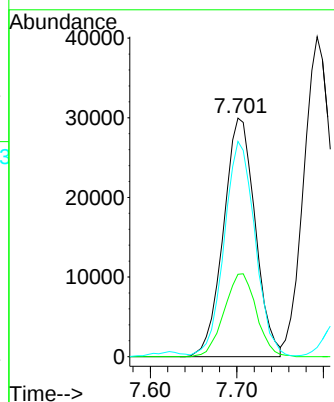
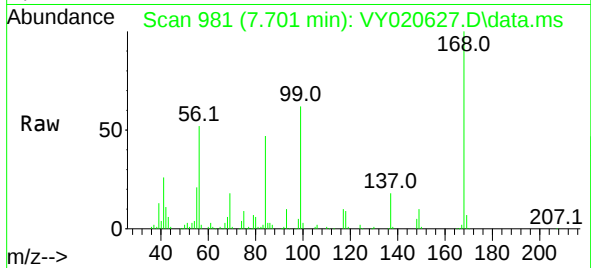




#31
Cyclohexane
Concen: 19.940 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

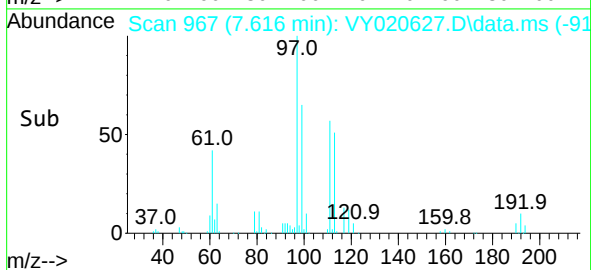
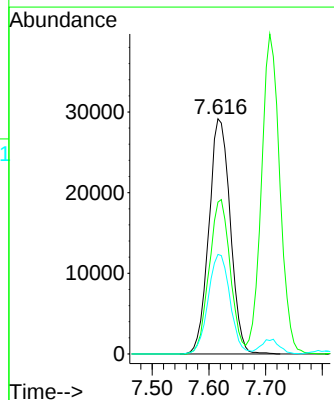
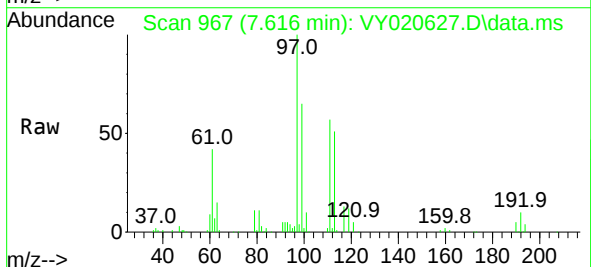
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBSD01

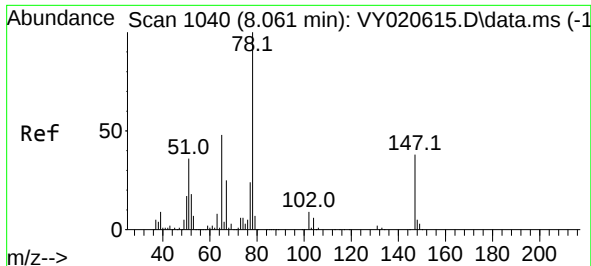
Tgt Ion: 56 Resp: 76241
Ion Ratio Lower Upper
56 100
69 34.5 25.4 38.0
84 89.0 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 20.784 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion: 97 Resp: 76355
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 43.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.726 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

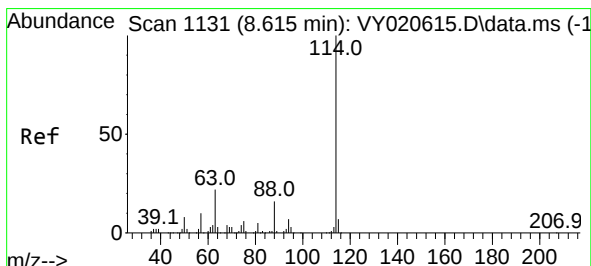
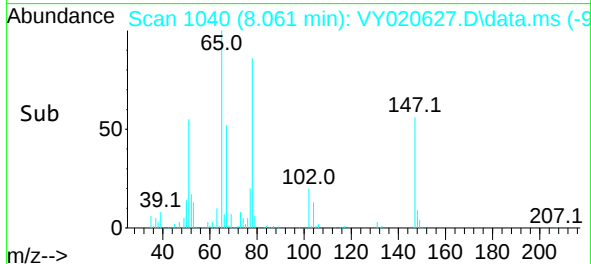
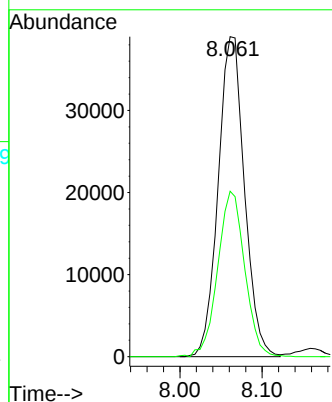
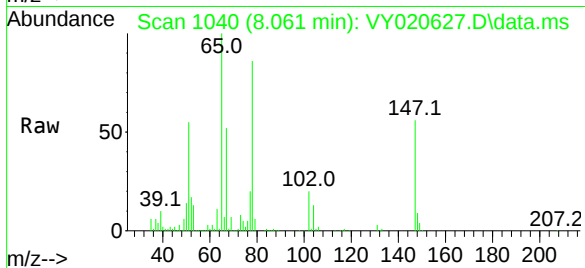
VY1218SBS01

Tgt Ion: 65 Resp: 86732

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

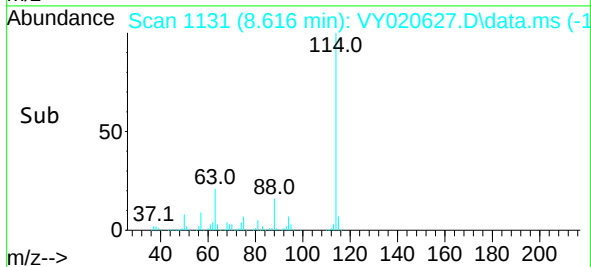
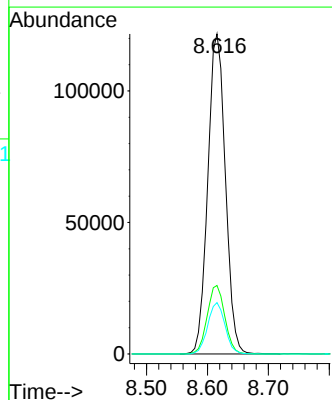
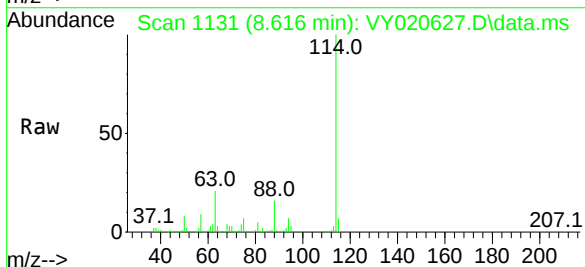
Tgt Ion: 114 Resp: 244096

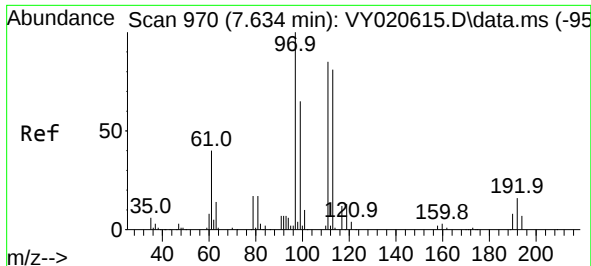
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.0

88 16.0 0.0 32.8

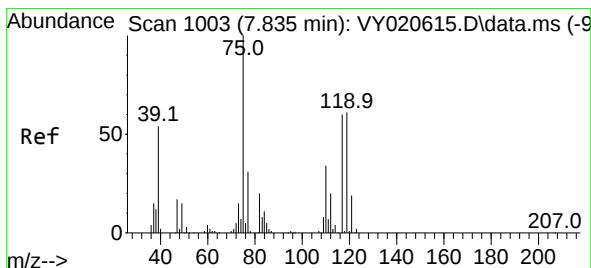
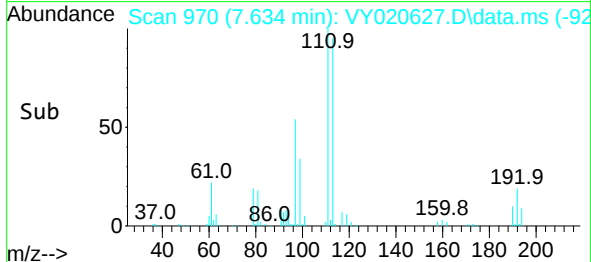
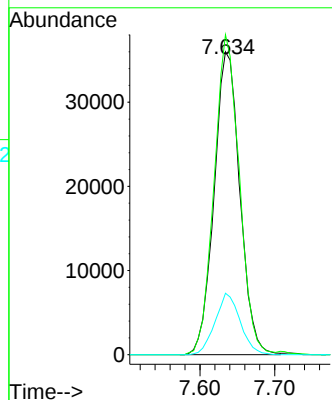
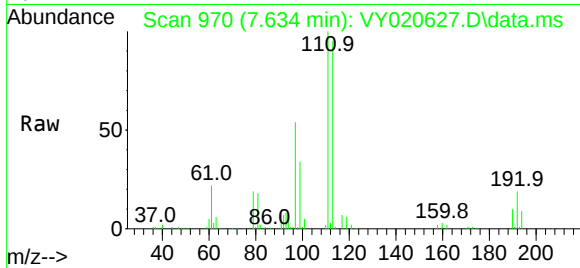




#35
Dibromofluoromethane
Concen: 50.126 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

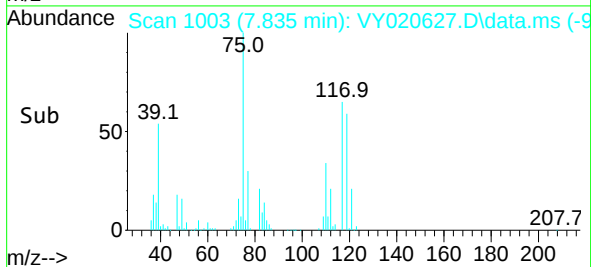
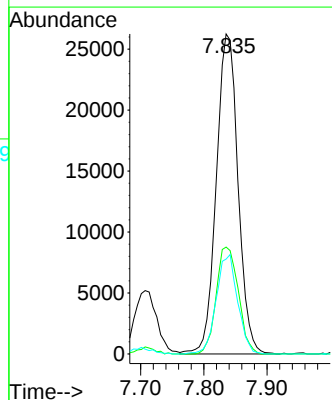
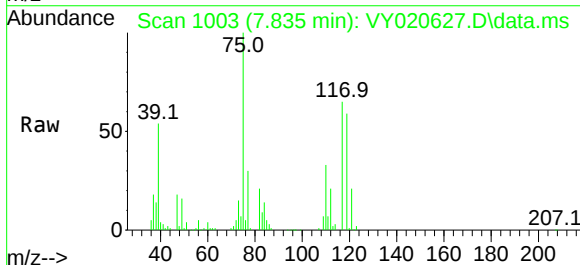
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBS01

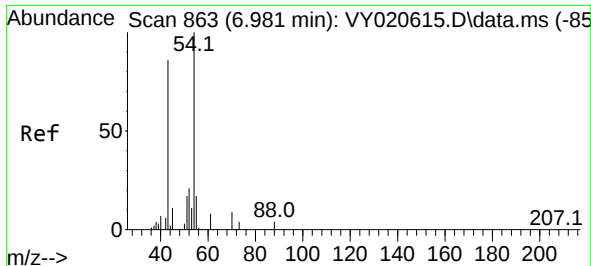
Tgt Ion:113 Resp: 86233
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 19.7 15.7 23.5



#36
1,1-Dichloropropene
Concen: 19.924 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion: 75 Resp: 62499
Ion Ratio Lower Upper
75 100
110 34.0 16.8 50.4
77 30.6 25.0 37.6





#37

Ethyl Acetate

Concen: 19.038 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1218SBS01

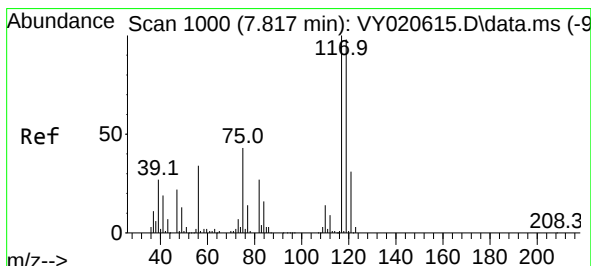
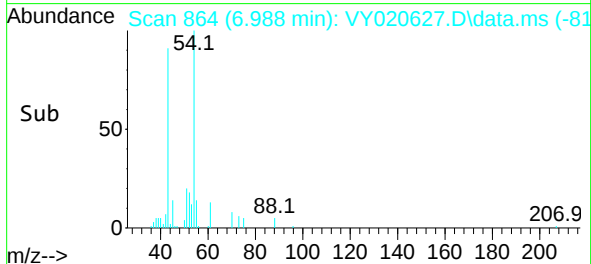
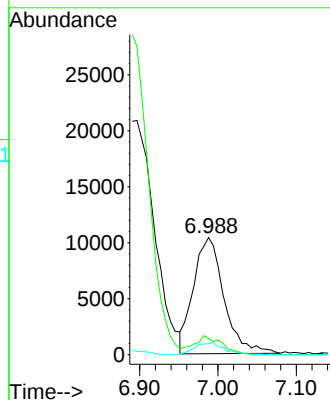
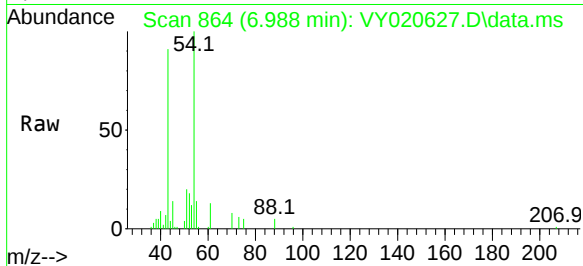
Tgt Ion: 43 Resp: 28092

Ion Ratio Lower Upper

43 100

61 14.6 11.0 16.4

70 9.7 7.9 11.9



#38

Carbon Tetrachloride

Concen: 20.167 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

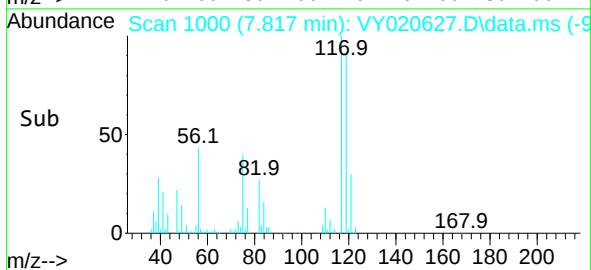
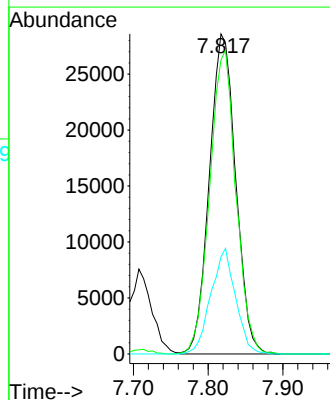
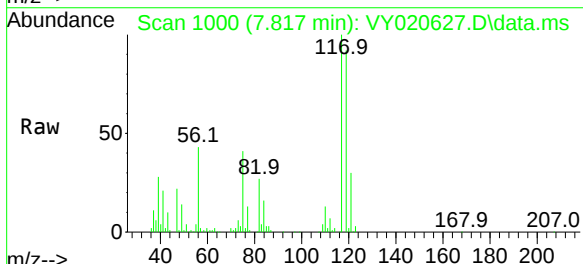
Tgt Ion: 117 Resp: 69992

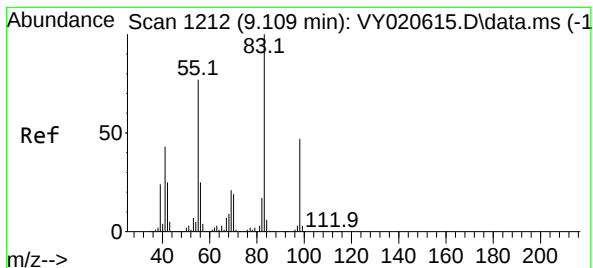
Ion Ratio Lower Upper

117 100

119 91.9 78.3 117.5

121 30.4 25.1 37.7





#39

Methylcyclohexane

Concen: 19.499 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1218SBSD01

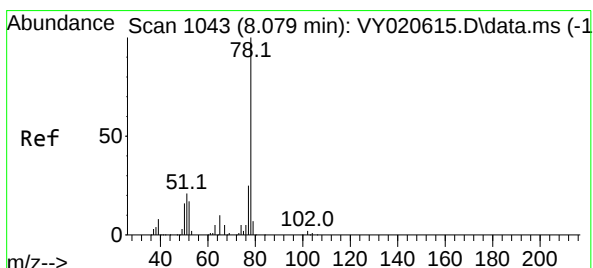
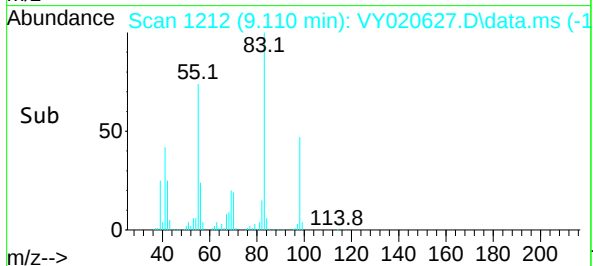
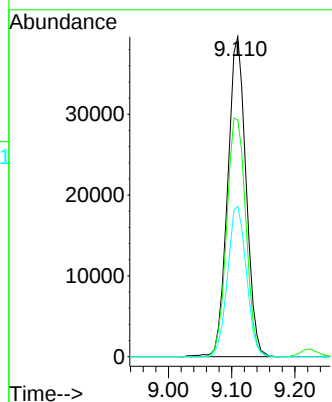
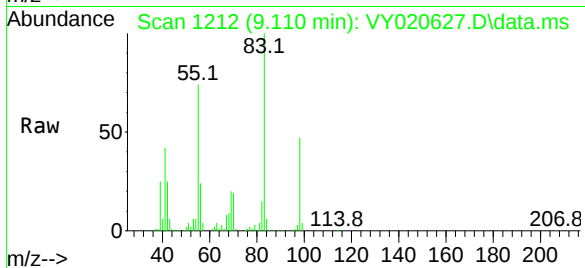
Tgt Ion: 83 Resp: 79720

Ion Ratio Lower Upper

83 100

55 74.0 61.4 92.0

98 47.0 37.3 55.9



#40

Benzene

Concen: 20.723 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020627.D

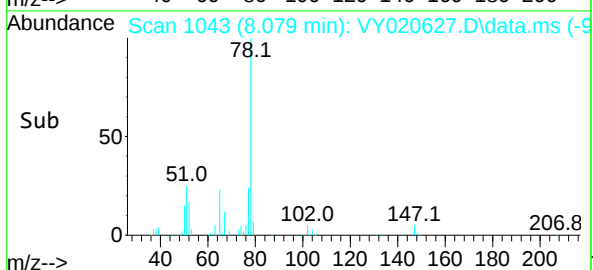
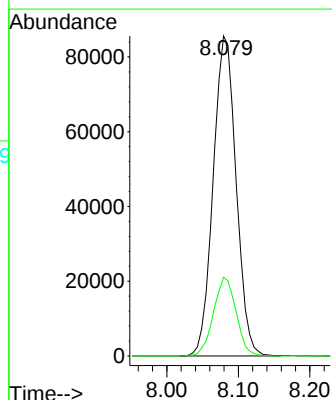
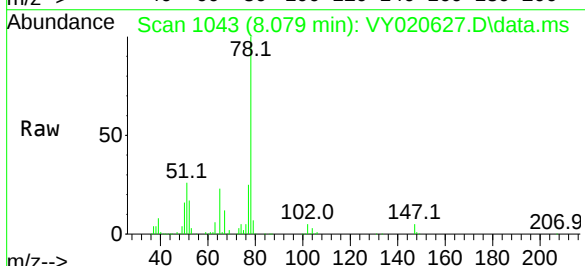
Acq: 18 Dec 2024 11:42

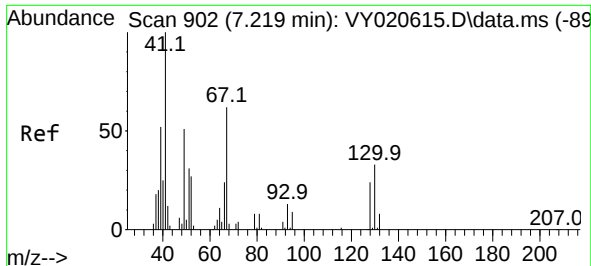
Tgt Ion: 78 Resp: 190548

Ion Ratio Lower Upper

78 100

77 24.6 20.1 30.1

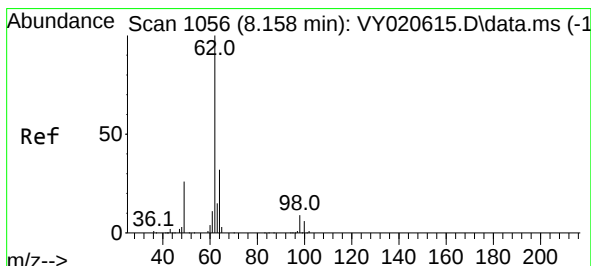
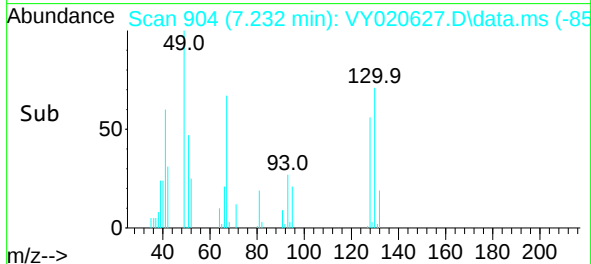
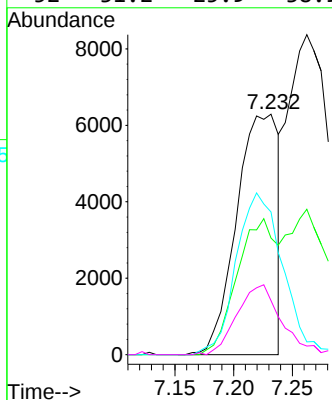
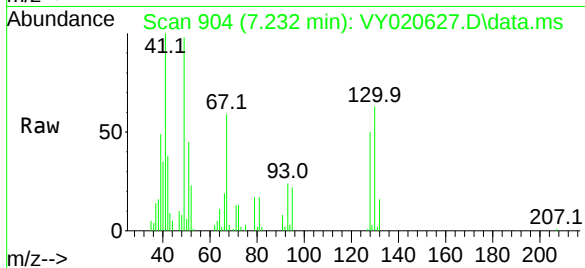




#41
Methacrylonitrile
Concen: 19.986 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.013 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

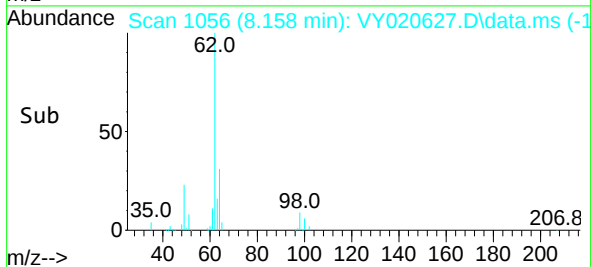
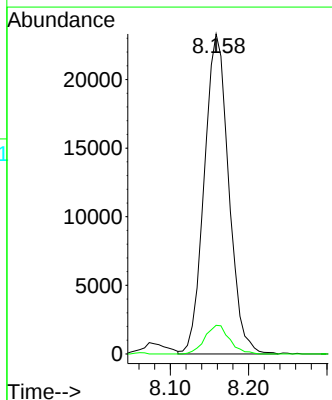
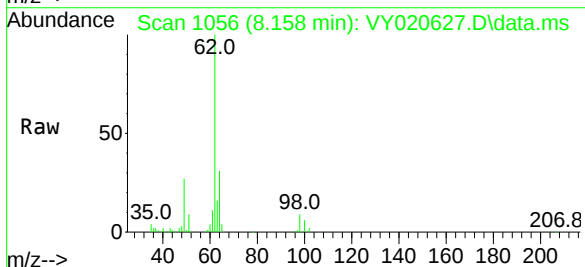
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBSD01

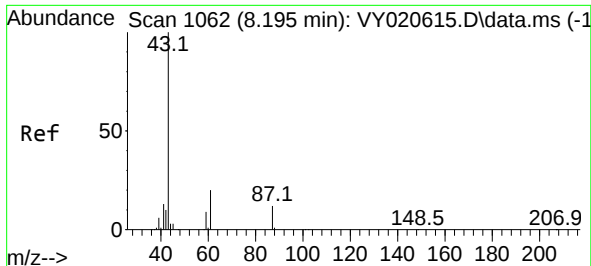
Tgt Ion:	41	Resp:	15591
Ion	Ratio	Lower	Upper
41	100		
39	53.5	53.6	80.4#
67	75.3	62.0	93.0
52	31.2	25.9	38.9



#42
1,2-Dichloroethane
Concen: 20.731 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion:	62	Resp:	50556
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

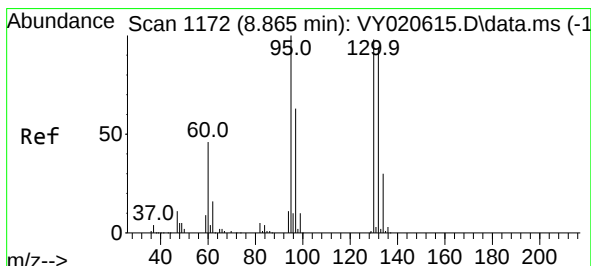
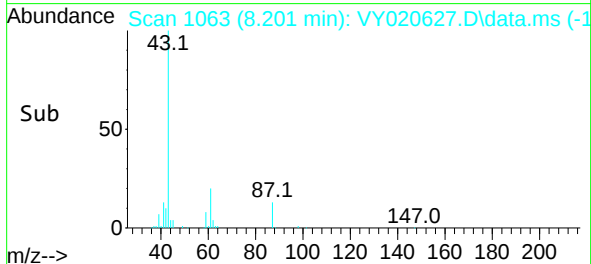
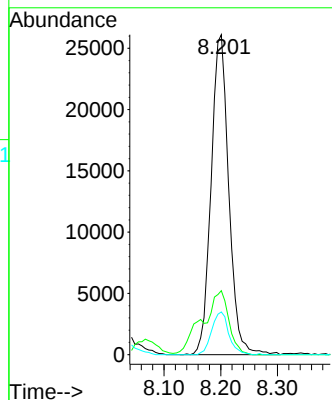
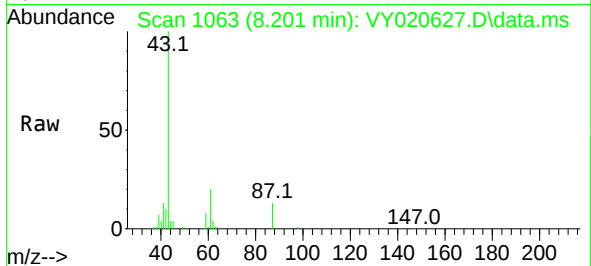




#43
Isopropyl Acetate
Concen: 20.249 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

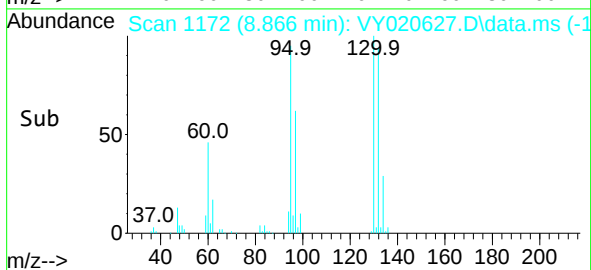
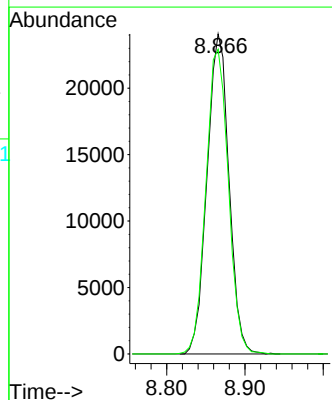
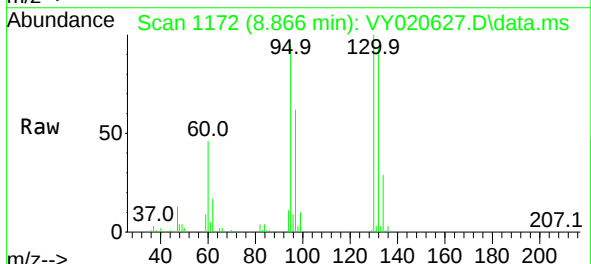
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBS01

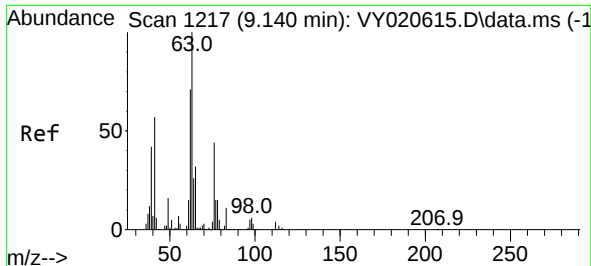
Tgt Ion: 43 Resp: 56566
Ion Ratio Lower Upper
43 100
61 20.7 23.8 35.6#
87 12.9 10.2 15.4



#44
Trichloroethene
Concen: 20.697 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion:130 Resp: 46762
Ion Ratio Lower Upper
130 100
95 95.2 0.0 203.2





#45

1,2-Dichloropropane

Concen: 20.900 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

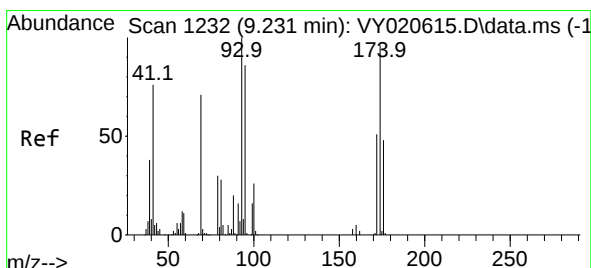
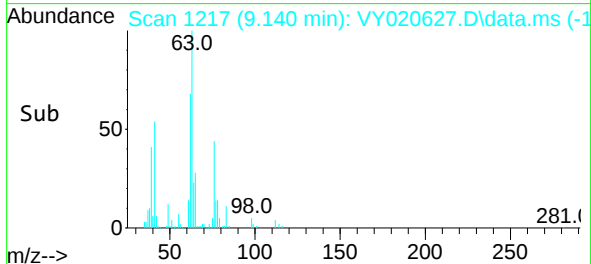
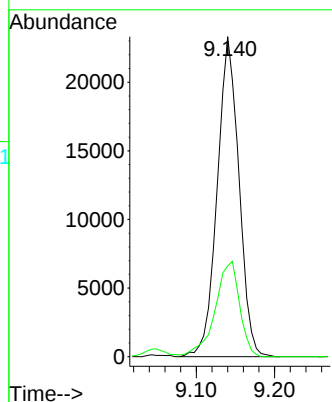
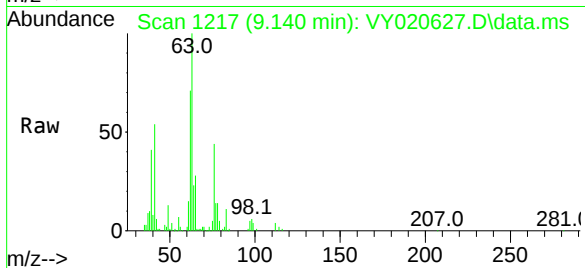
VY1218SBS01

Tgt Ion: 63 Resp: 44913

Ion Ratio Lower Upper

63 100

65 28.4 25.9 38.9



#46

Dibromomethane

Concen: 20.372 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

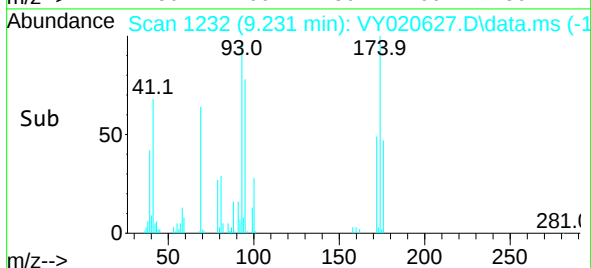
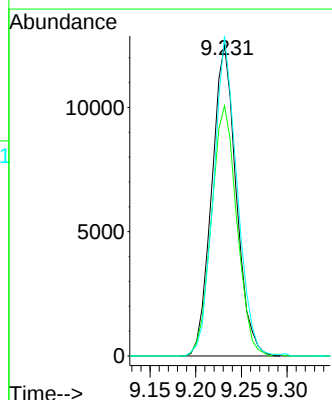
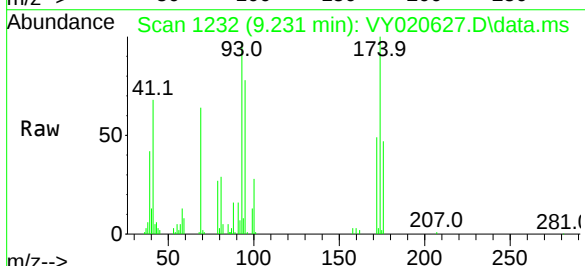
Tgt Ion: 93 Resp: 23137

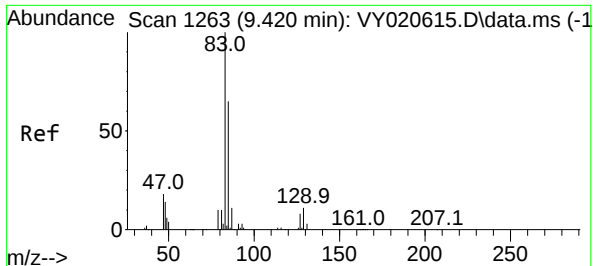
Ion Ratio Lower Upper

93 100

95 83.8 66.7 100.1

174 99.5 77.8 116.6





#47

Bromodichloromethane

Concen: 20.894 ug/l

RT: 9.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1218SBS01

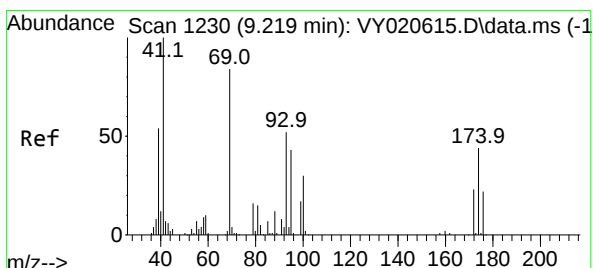
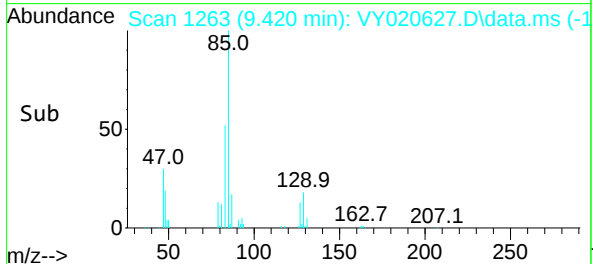
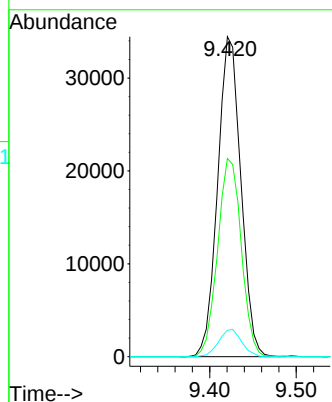
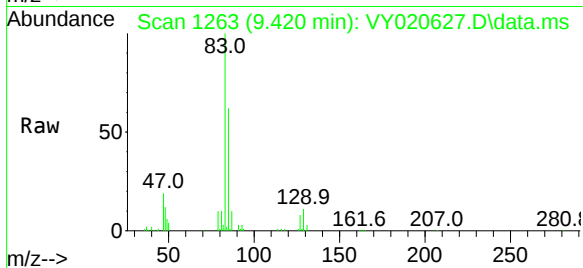
Tgt Ion: 83 Resp: 64097

Ion Ratio Lower Upper

83 100

85 62.0 52.1 78.1

127 8.3 6.7 10.1



#48

Methyl methacrylate

Concen: 19.605 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

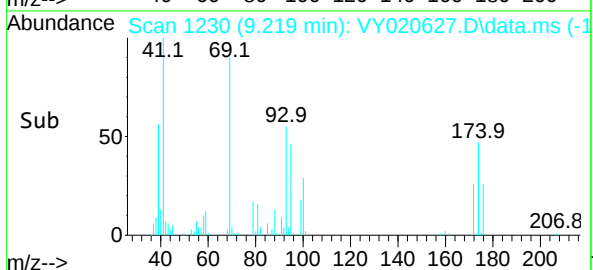
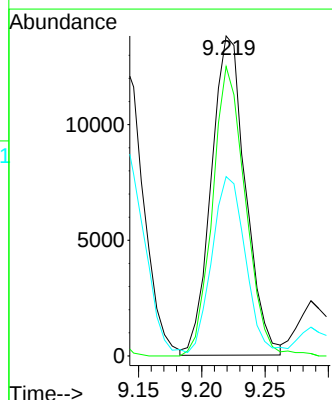
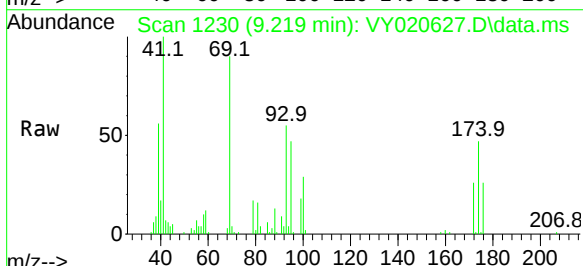
Tgt Ion: 41 Resp: 26036

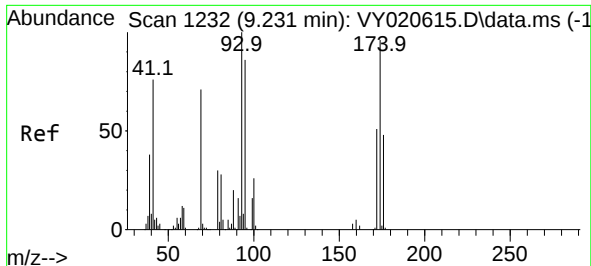
Ion Ratio Lower Upper

41 100

69 87.0 67.2 100.8

39 53.9 42.2 63.4

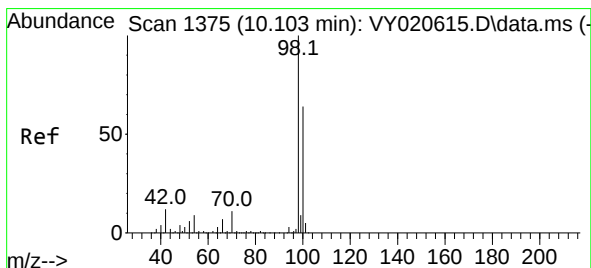
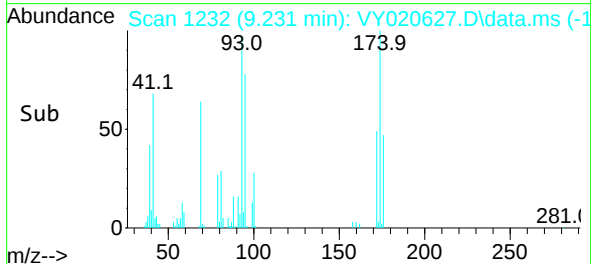
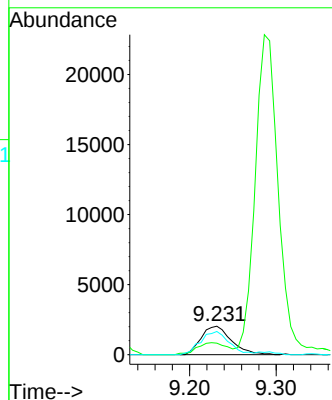
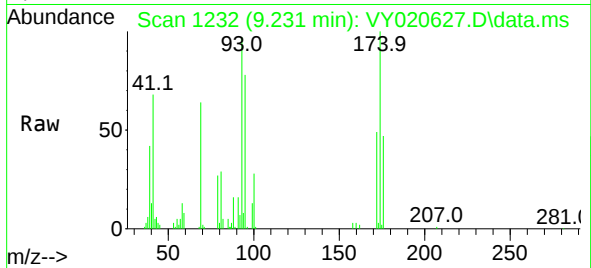




#49
1,4-Dioxane
Concen: 380.438 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

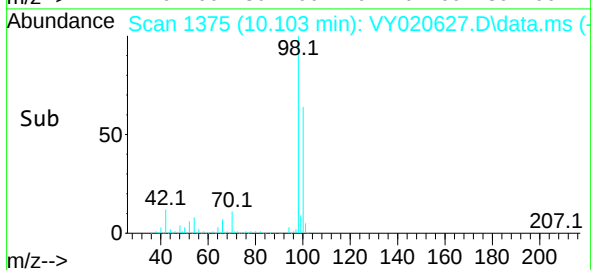
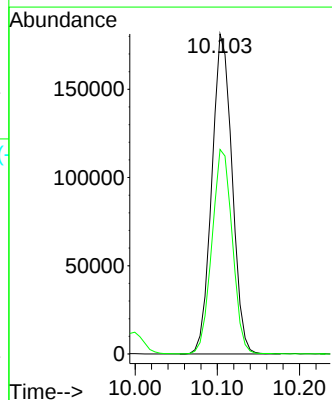
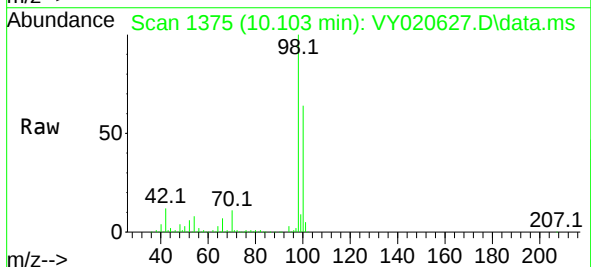
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBS01

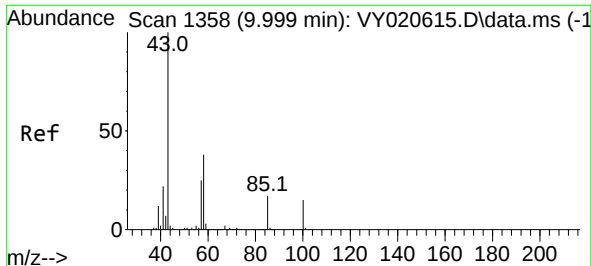
Tgt Ion: 88 Resp: 4955
Ion Ratio Lower Upper
88 100
43 41.6 27.6 41.4#
58 77.2 61.7 92.5



#50
Toluene-d8
Concen: 51.507 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion: 98 Resp: 310144
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 97.658 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.006 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

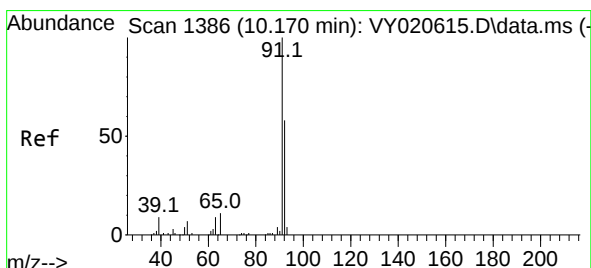
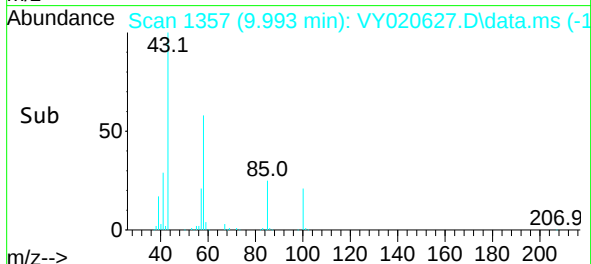
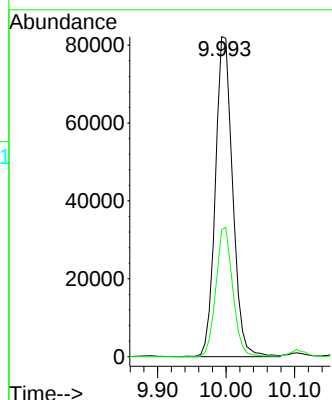
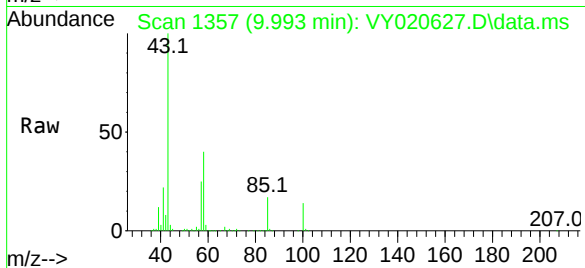
VY1218SBS01

Tgt Ion: 43 Resp: 143998

Ion Ratio Lower Upper

43 100

58 39.5 31.4 47.2



#52

Toluene

Concen: 20.446 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020627.D

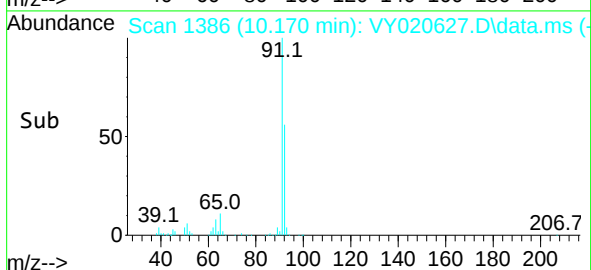
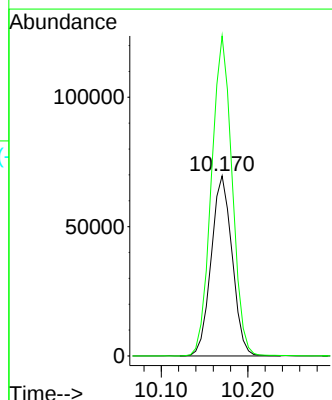
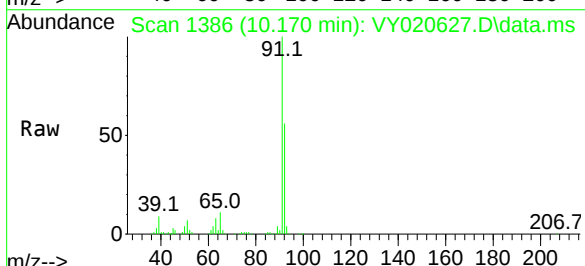
Acq: 18 Dec 2024 11:42

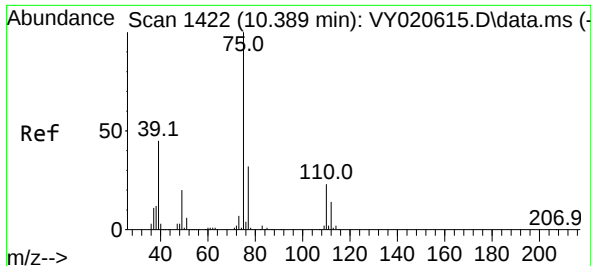
Tgt Ion: 92 Resp: 116834

Ion Ratio Lower Upper

92 100

91 176.1 137.4 206.0

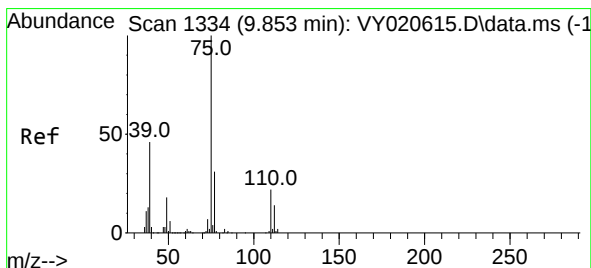
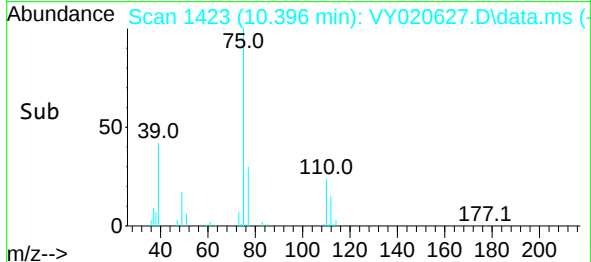
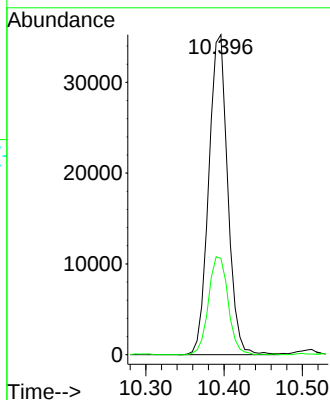
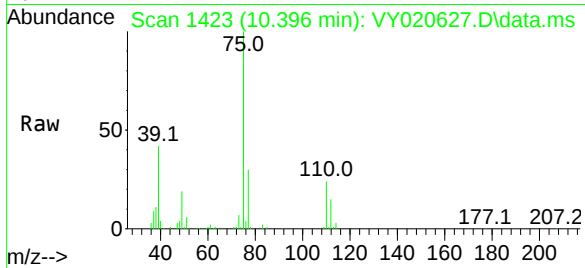




#53
t-1,3-Dichloropropene
Concen: 20.733 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

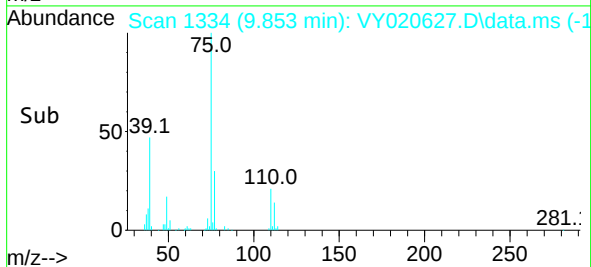
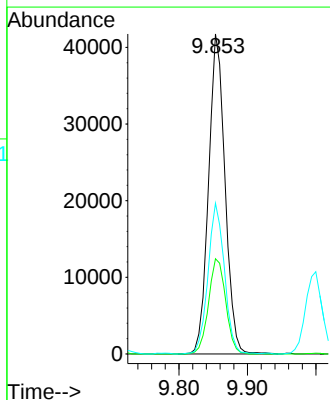
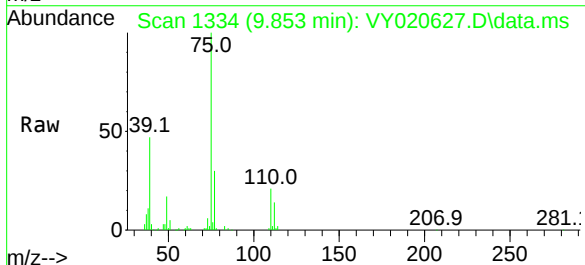
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBS01

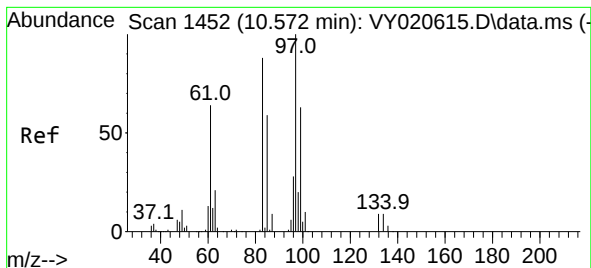
Tgt Ion: 75 Resp: 59267
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.591 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion: 75 Resp: 69750
Ion Ratio Lower Upper
75 100
77 29.7 24.6 36.8
39 47.1 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 20.973 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1218SBS01

Tgt Ion: 97 Resp: 31492

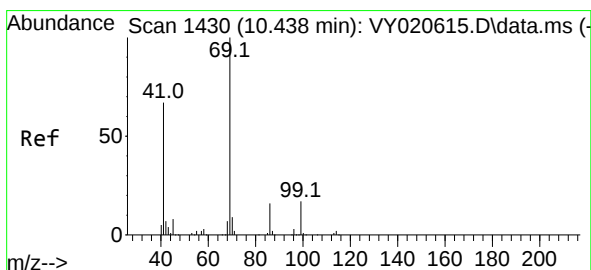
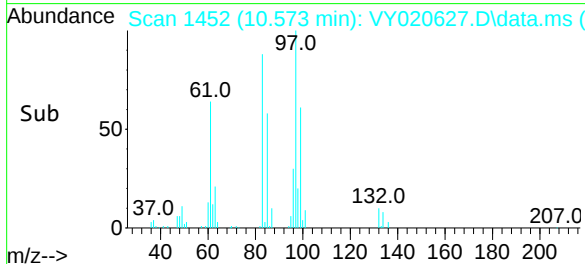
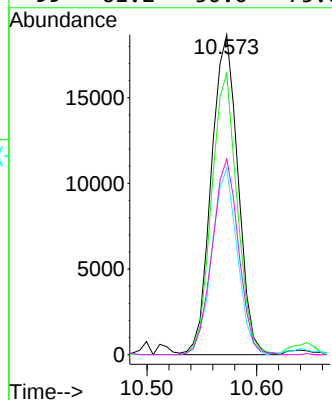
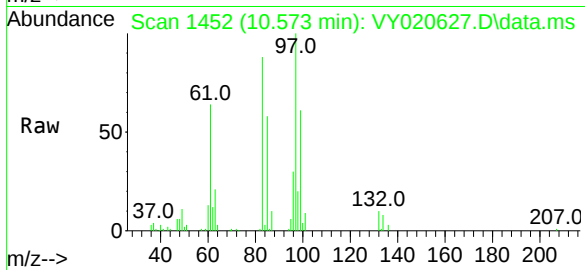
Ion Ratio Lower Upper

97 100

83 88.0 70.4 105.6

85 58.2 47.2 70.8

99 61.2 50.0 75.0



#56

Ethyl methacrylate

Concen: 20.313 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

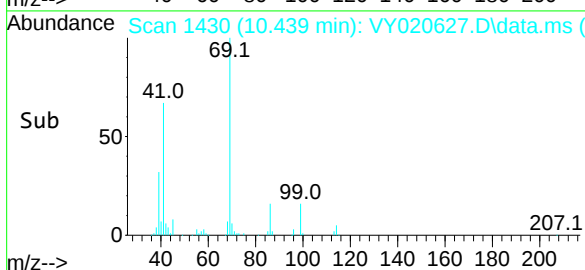
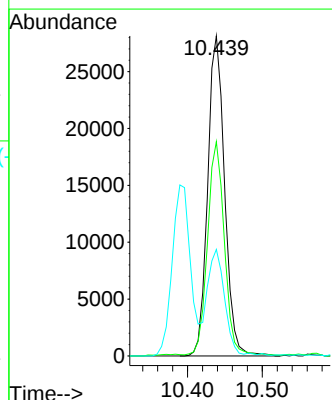
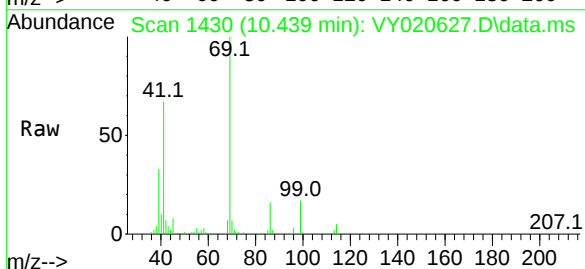
Tgt Ion: 69 Resp: 44249

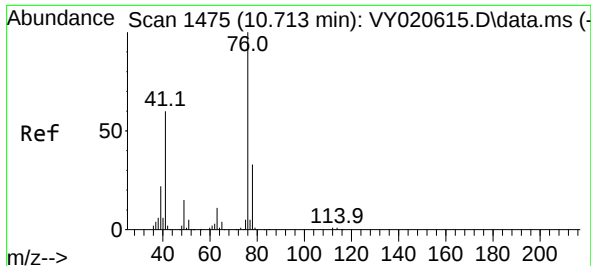
Ion Ratio Lower Upper

69 100

41 66.1 54.0 81.0

39 35.0 27.9 41.9





#57

1,3-Dichloropropane

Concen: 20.577 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

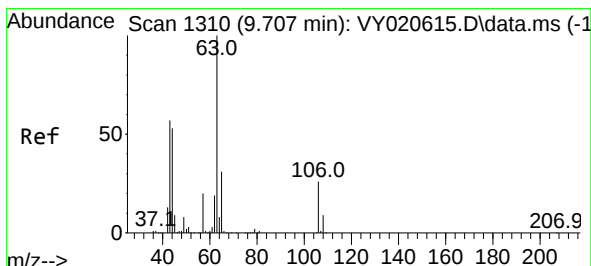
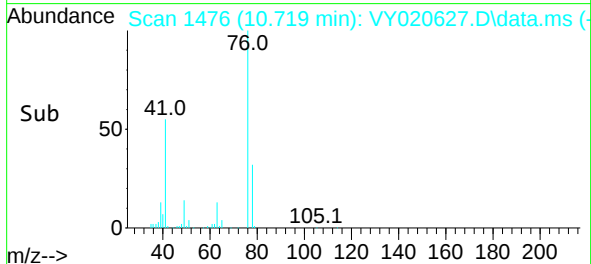
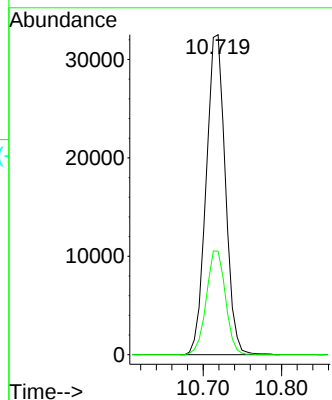
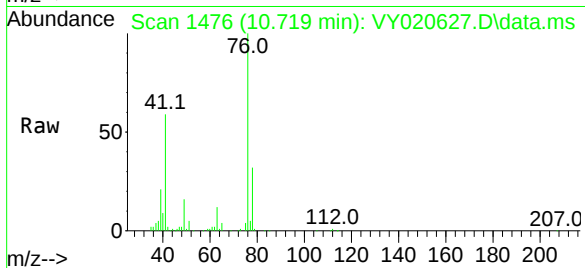
VY1218SBS01

Tgt Ion: 76 Resp: 55078

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 105.511 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY020627.D

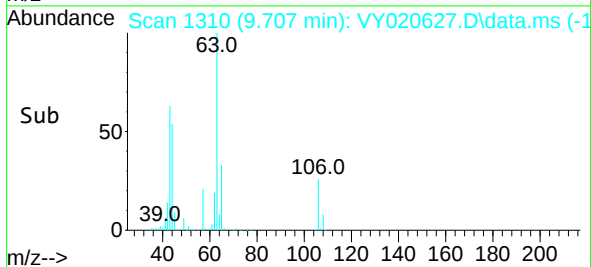
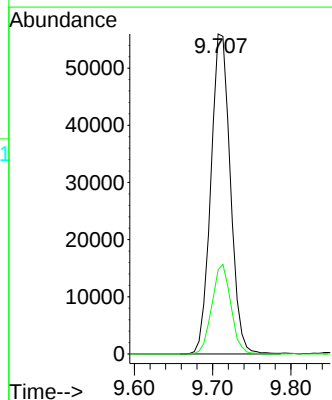
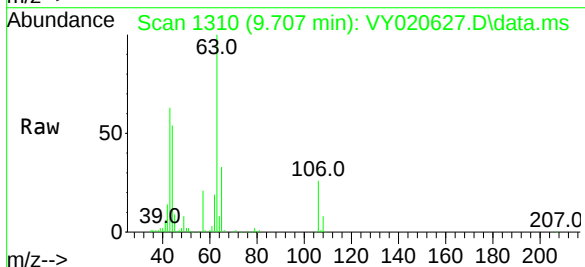
Acq: 18 Dec 2024 11:42

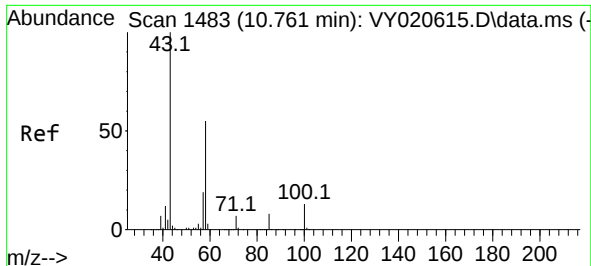
Tgt Ion: 63 Resp: 96709

Ion Ratio Lower Upper

63 100

106 27.2 21.5 32.3

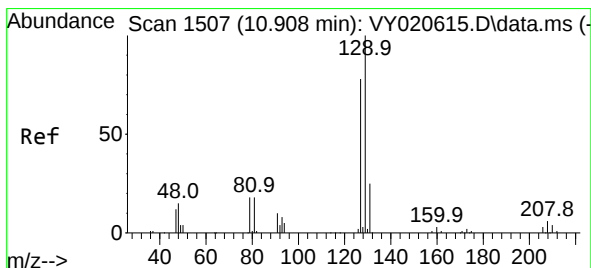
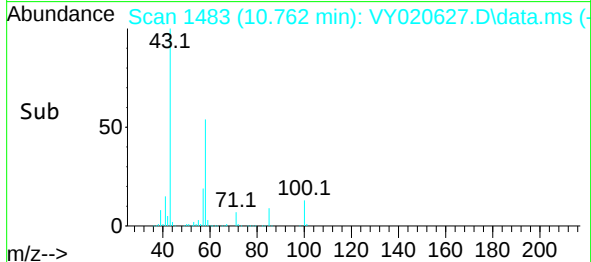
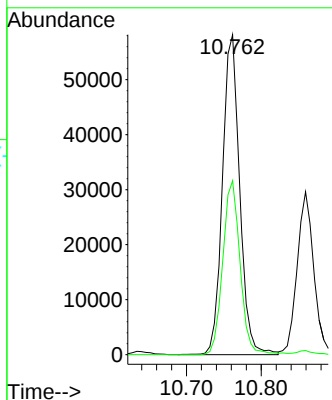
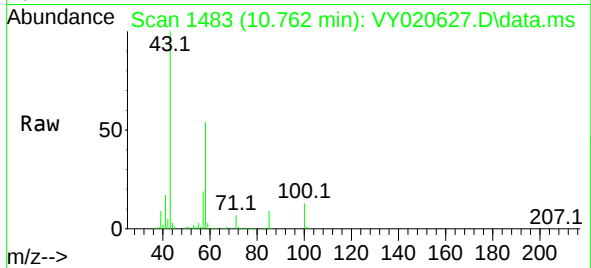




#59
2-Hexanone
Concen: 98.655 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

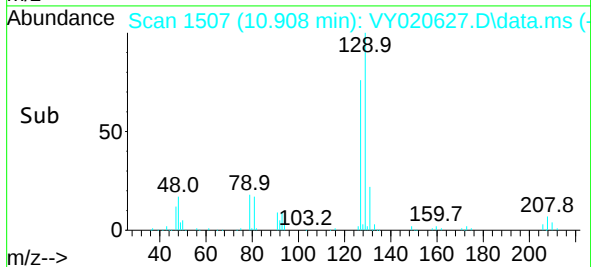
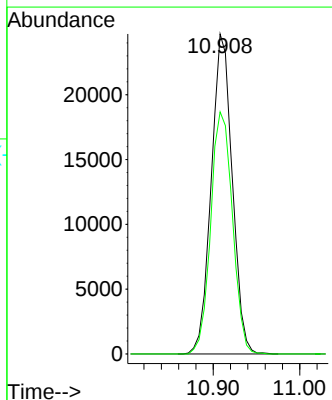
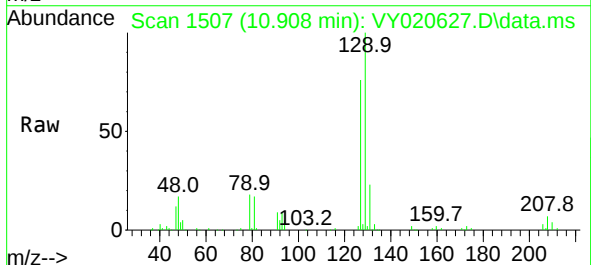
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBSD01

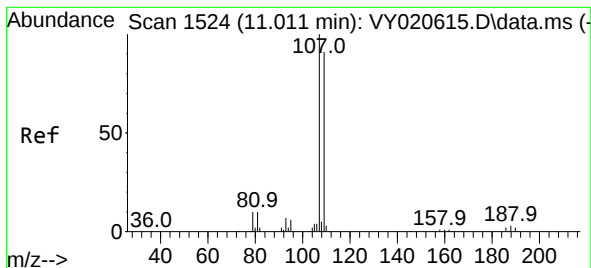
Tgt Ion: 43 Resp: 93397
Ion Ratio Lower Upper
43 100
58 54.5 27.2 81.6



#60
Dibromochloromethane
Concen: 20.645 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion: 129 Resp: 41457
Ion Ratio Lower Upper
129 100
127 78.4 38.1 114.3

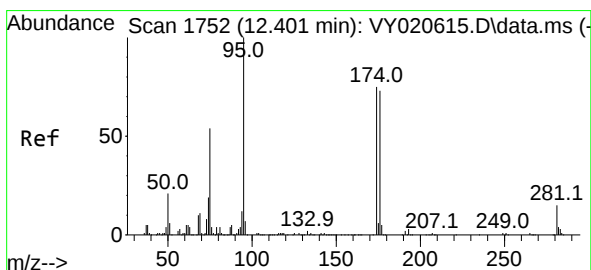
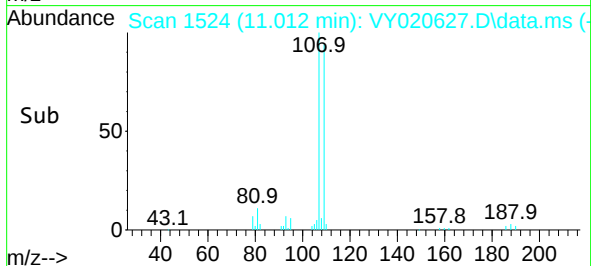
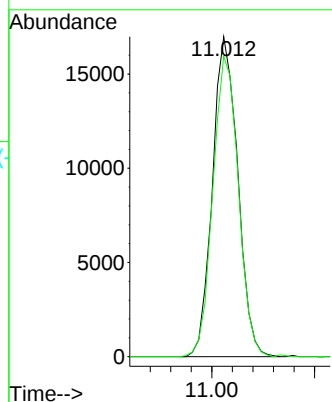
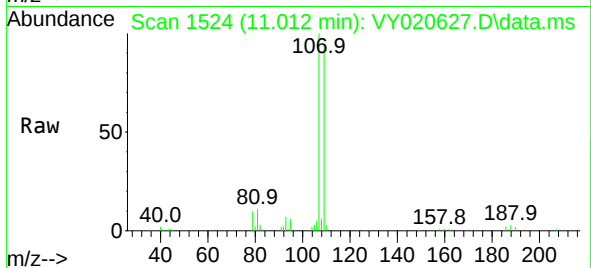




#61
1,2-Dibromoethane
Concen: 20.758 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

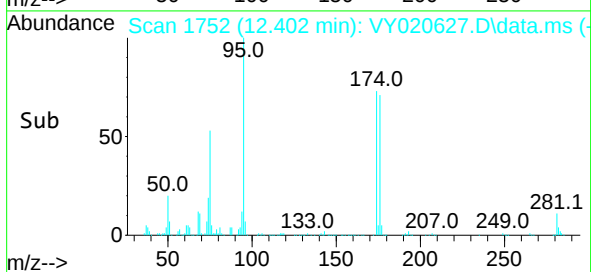
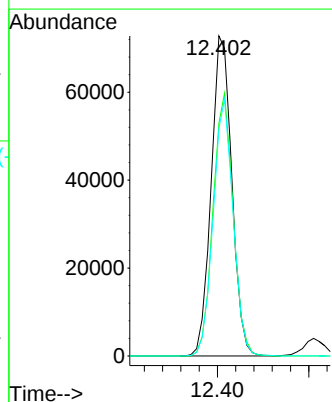
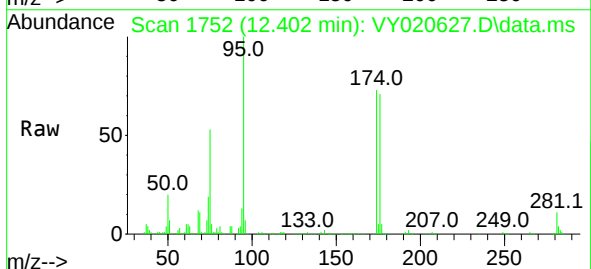
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBSD01

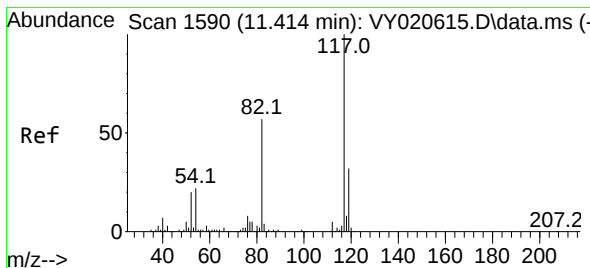
Tgt Ion:107 Resp: 28993
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.292 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion: 95 Resp: 113747
Ion Ratio Lower Upper
95 100
174 80.2 0.0 161.8
176 77.7 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1218SBS01

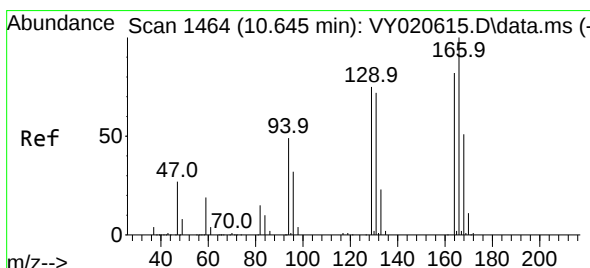
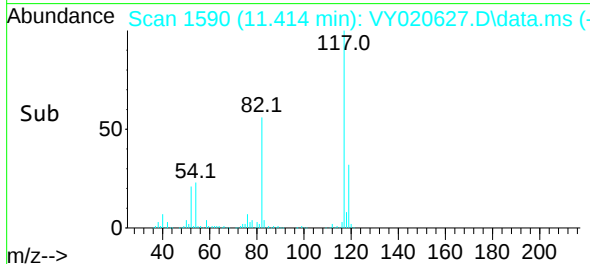
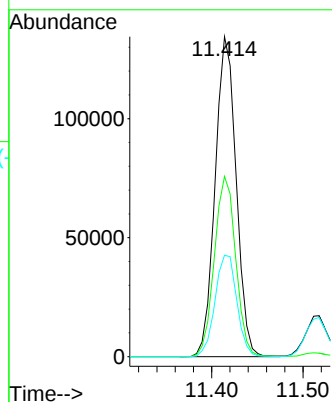
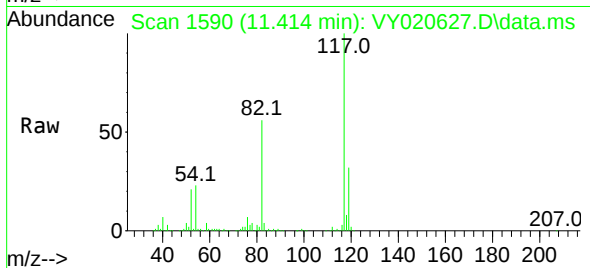
Tgt Ion:117 Resp: 214944

Ion Ratio Lower Upper

117 100

82 56.4 45.8 68.6

119 31.7 25.3 37.9



#64

Tetrachloroethene

Concen: 20.022 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Tgt Ion:164 Resp: 40481

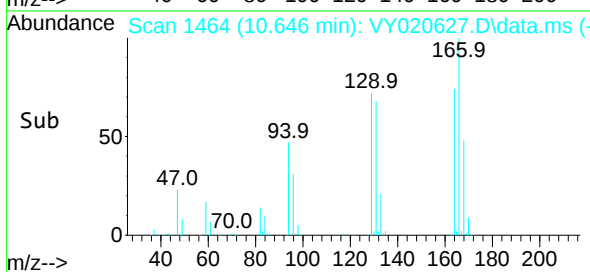
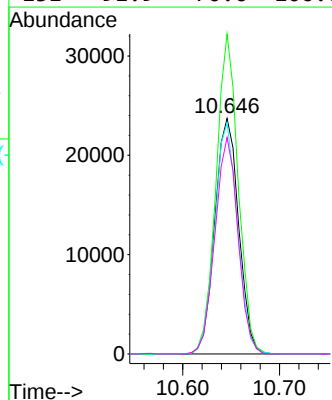
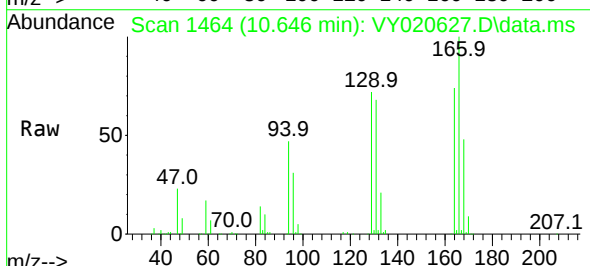
Ion Ratio Lower Upper

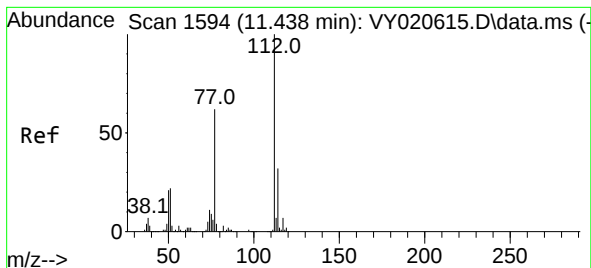
164 100

166 135.9 97.9 146.9

129 98.0 73.4 110.0

131 91.9 70.6 106.0





#65

Chlorobenzene

Concen: 20.464 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

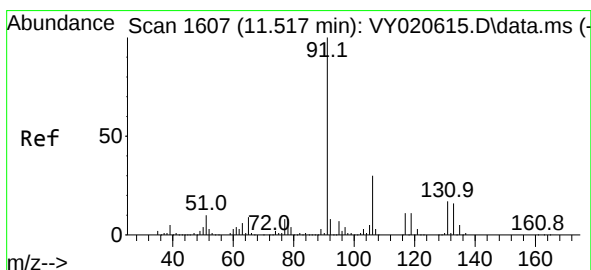
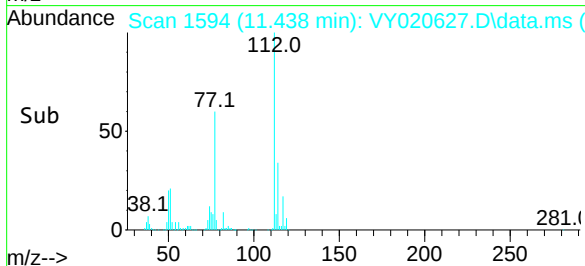
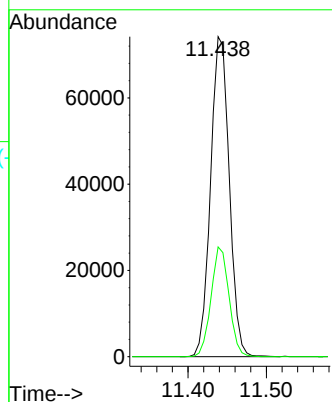
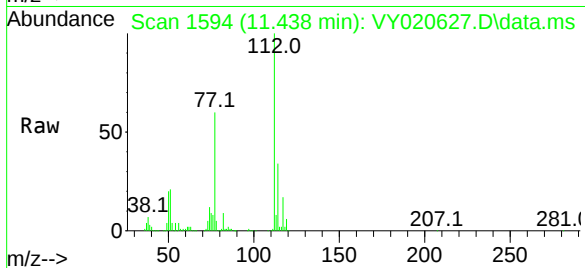
VY1218SBS01

Tgt Ion:112 Resp: 122990

Ion Ratio Lower Upper

112 100

114 34.3 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 21.424 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

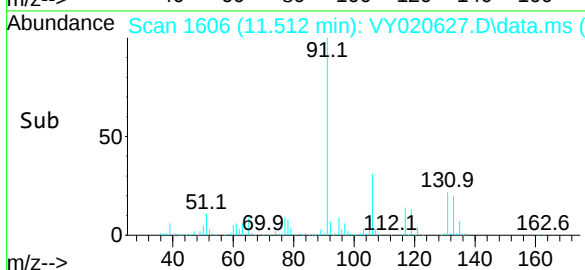
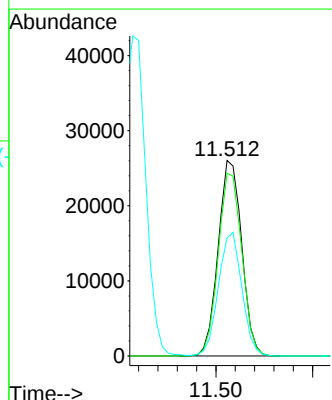
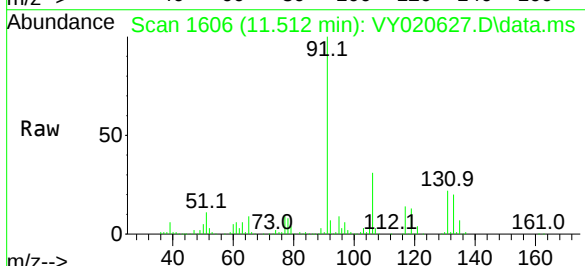
Tgt Ion:131 Resp: 44028

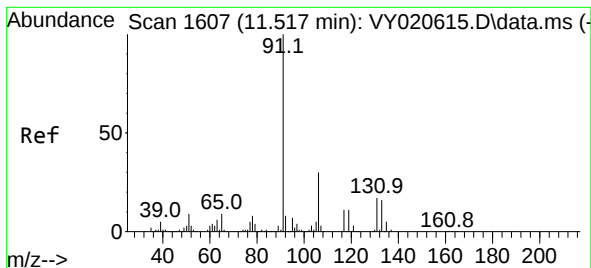
Ion Ratio Lower Upper

131 100

133 93.6 46.8 140.3

119 62.8 31.8 95.3





#67

Ethyl Benzene

Concen: 20.278 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

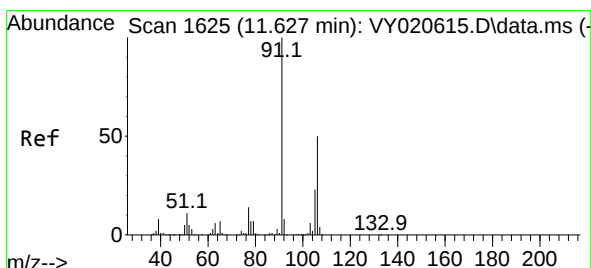
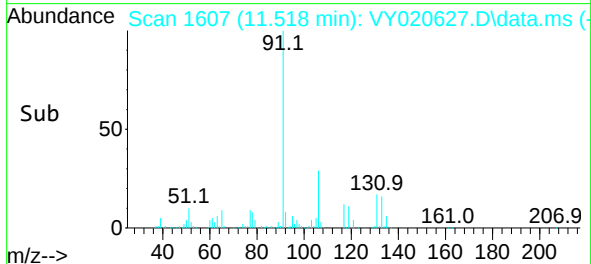
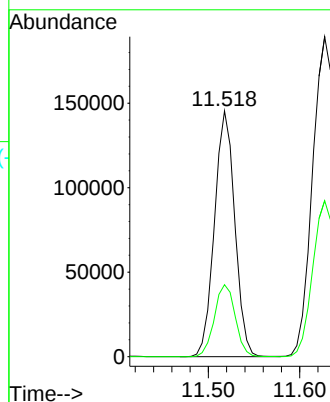
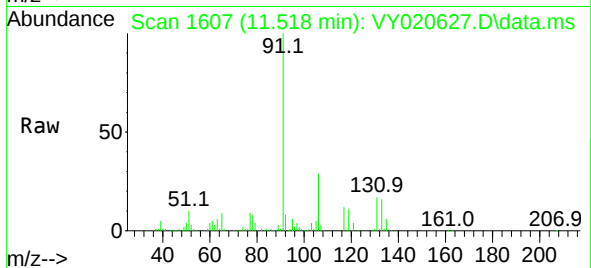
VY1218SBSD01

Tgt Ion: 91 Resp: 224839

Ion Ratio Lower Upper

91 100

106 29.3 23.9 35.9



#68

m/p-Xylenes

Concen: 40.556 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY020627.D

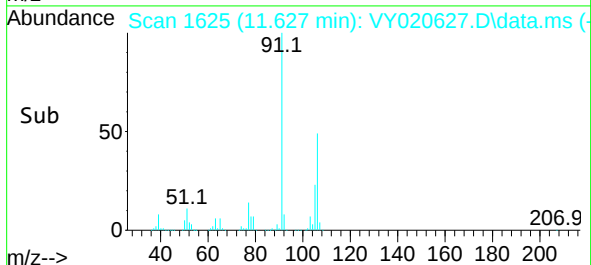
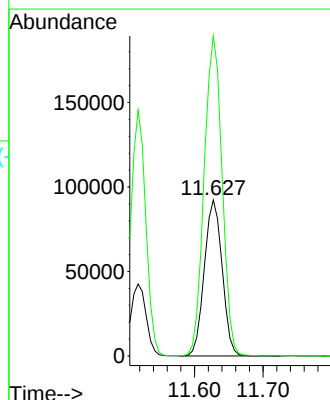
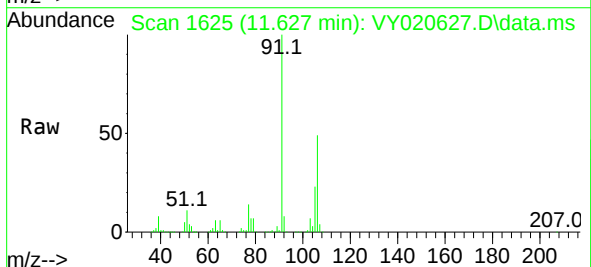
Acq: 18 Dec 2024 11:42

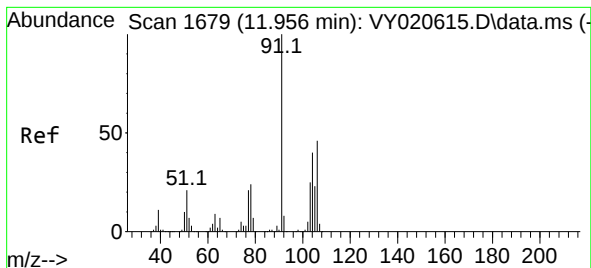
Tgt Ion:106 Resp: 167194

Ion Ratio Lower Upper

106 100

91 206.6 165.0 247.4

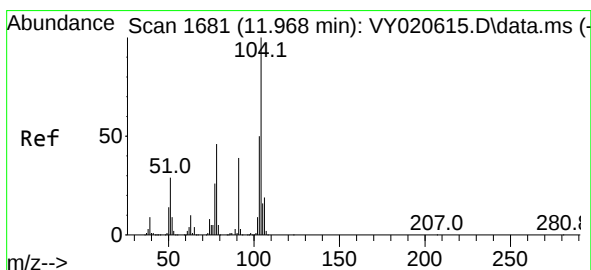
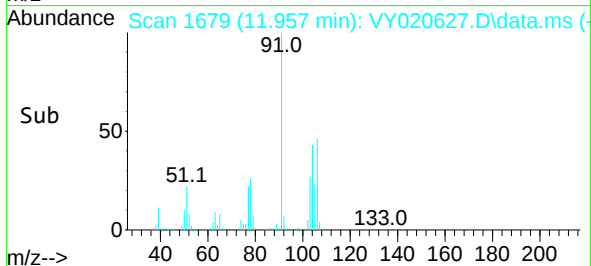
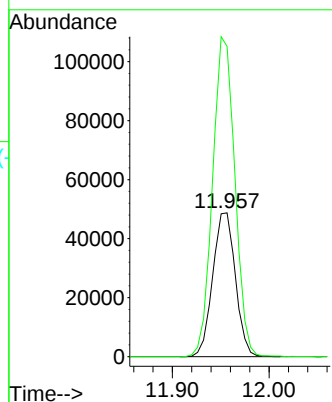
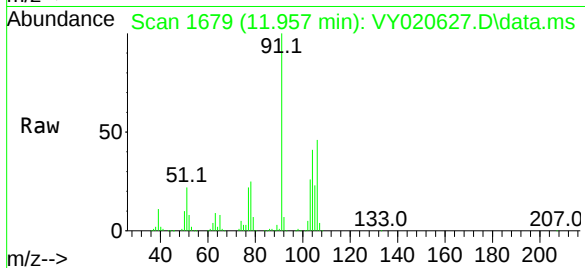




#69
o-Xylene
Concen: 20.587 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

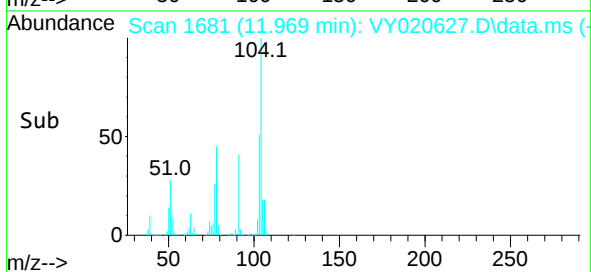
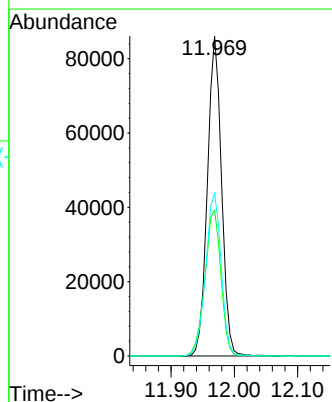
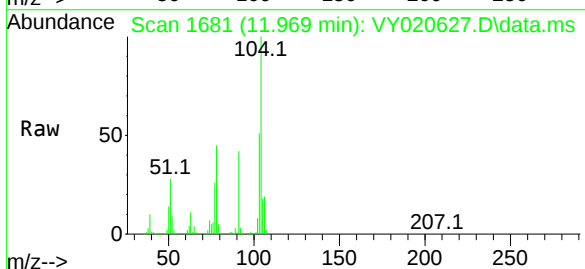
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBSD01

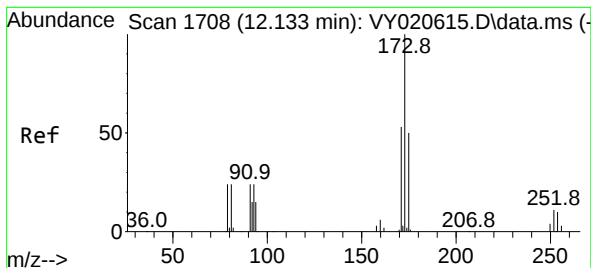
Tgt Ion:106 Resp: 79188
Ion Ratio Lower Upper
106 100
91 218.9 108.4 325.2



#70
Styrene
Concen: 20.867 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion:104 Resp: 134103
Ion Ratio Lower Upper
104 100
78 51.7 41.6 62.4
103 56.0 43.7 65.5





#71

Bromoform

Concen: 20.657 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1218SBS01

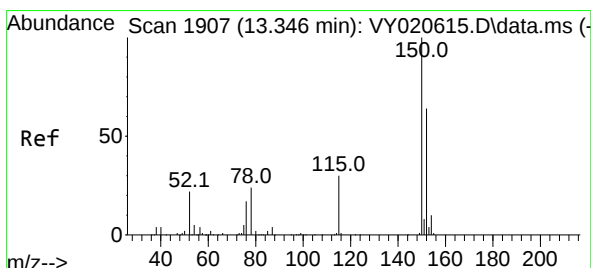
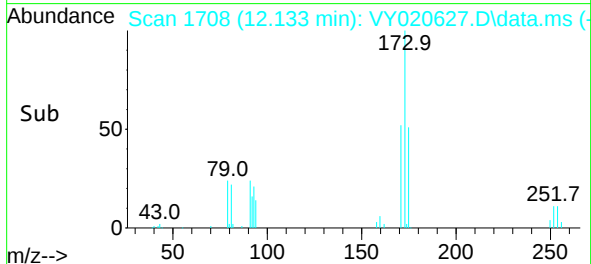
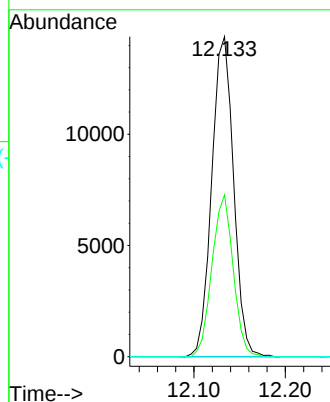
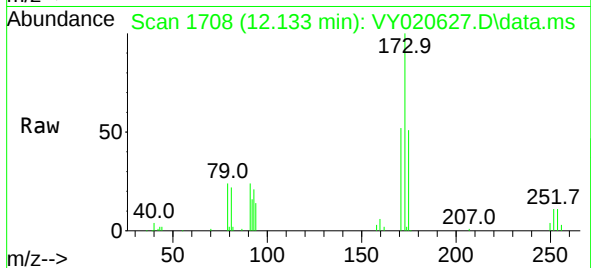
Tgt Ion:173 Resp: 23868

Ion Ratio Lower Upper

173 100

175 49.0 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

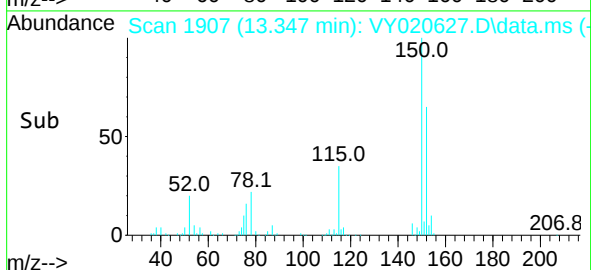
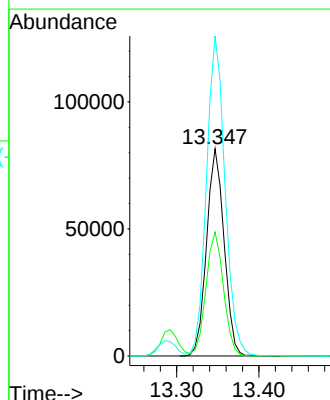
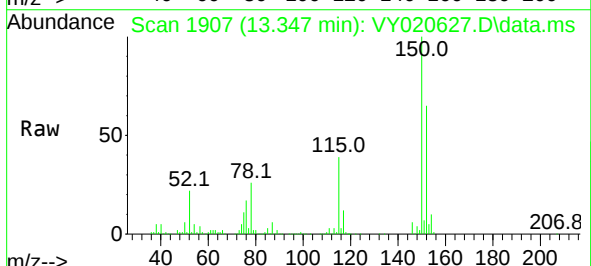
Tgt Ion:152 Resp: 120747

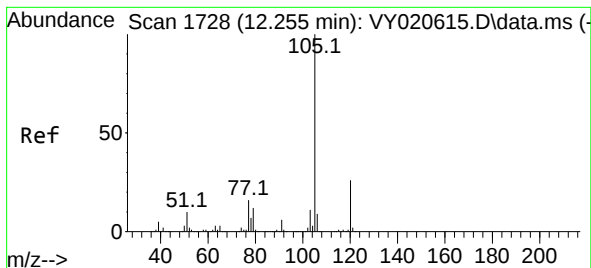
Ion Ratio Lower Upper

152 100

115 59.8 30.2 90.6

150 163.3 0.0 355.4





#73

Isopropylbenzene

Concen: 20.138 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

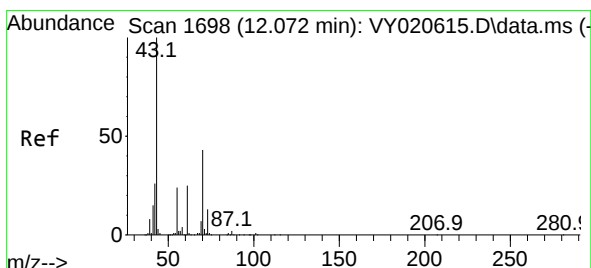
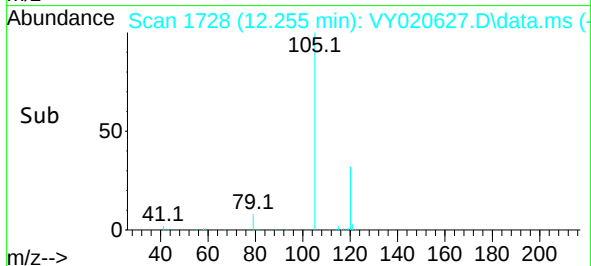
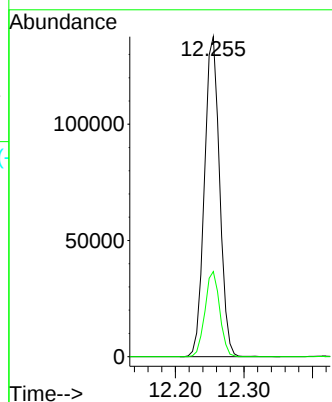
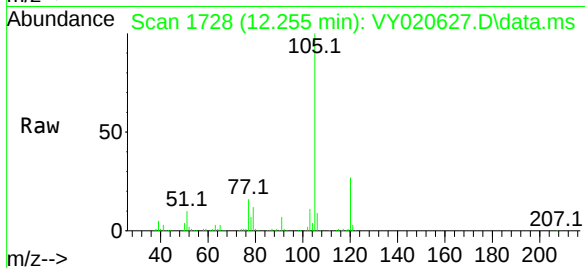
VY1218SBSD01

Tgt Ion:105 Resp: 212192

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 20.020 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Tgt Ion: 43 Resp: 49369

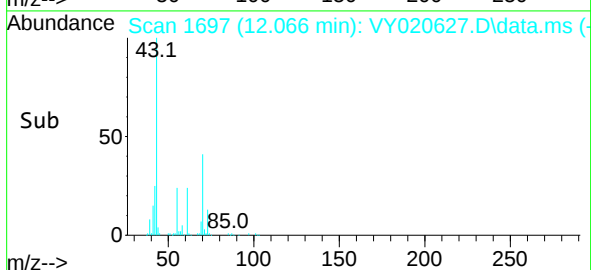
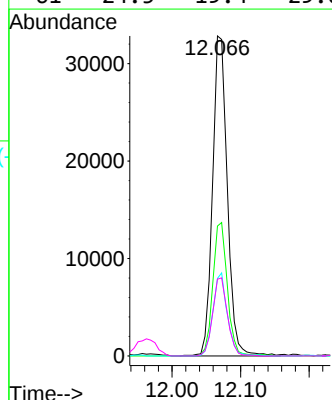
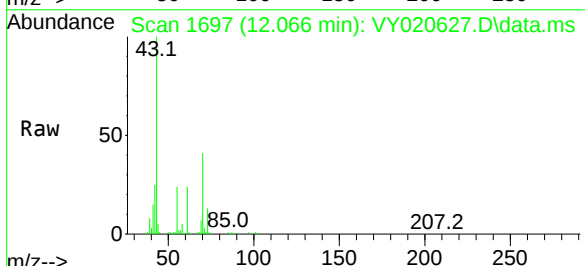
Ion Ratio Lower Upper

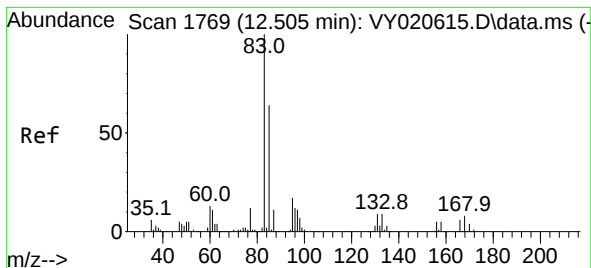
43 100

70 41.0 34.2 51.2

55 25.2 19.6 29.4

61 24.5 19.4 29.0

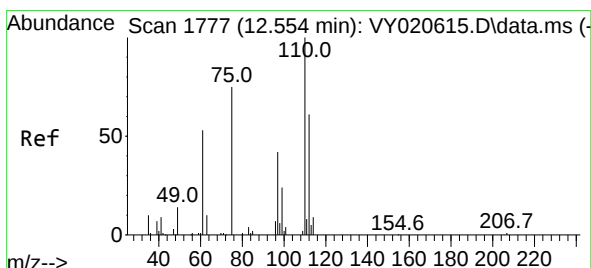
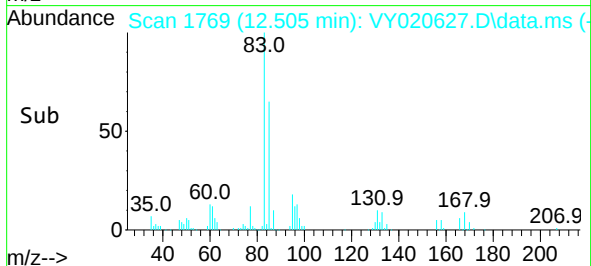
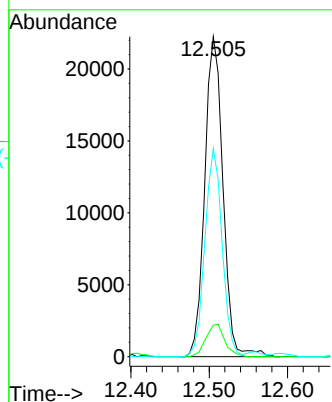
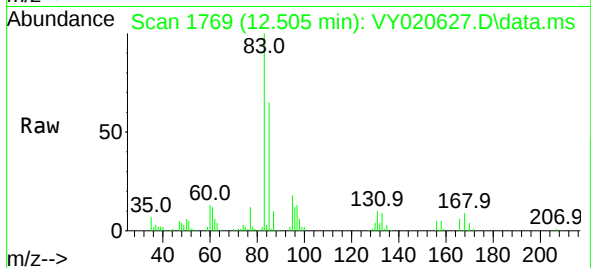




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.009 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY020627.D
 Acq: 18 Dec 2024 11:42

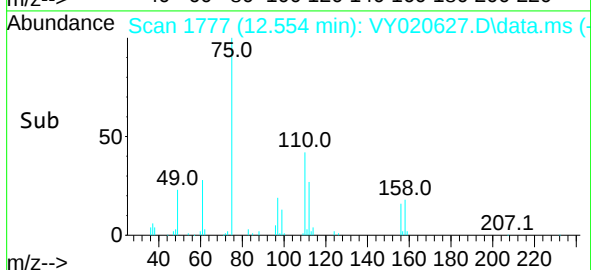
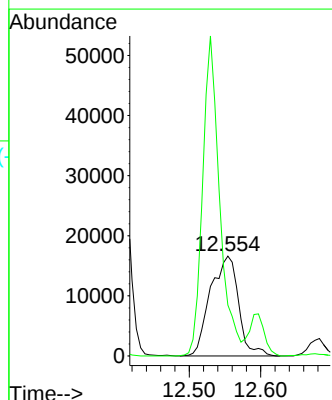
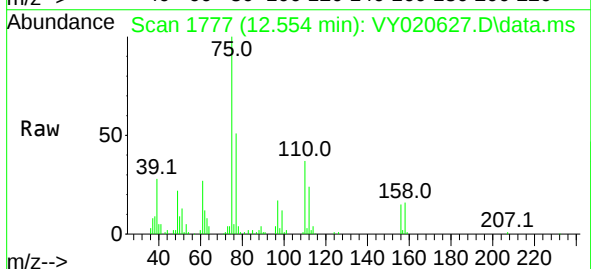
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1218SBS01

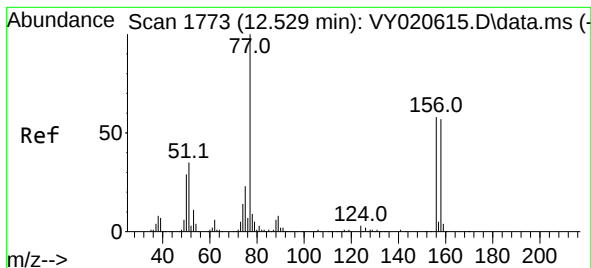
Tgt Ion: 83 Resp: 35934
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.2 15.6
 85 61.7 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 36.313 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY020627.D
 Acq: 18 Dec 2024 11:42

Tgt Ion: 75 Resp: 45548
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.794 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

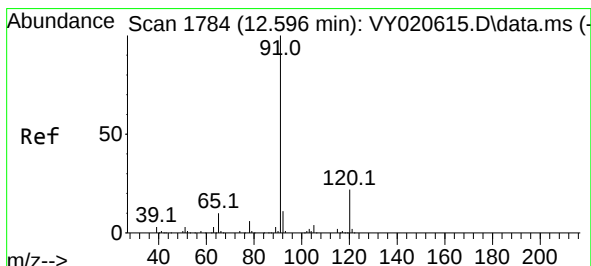
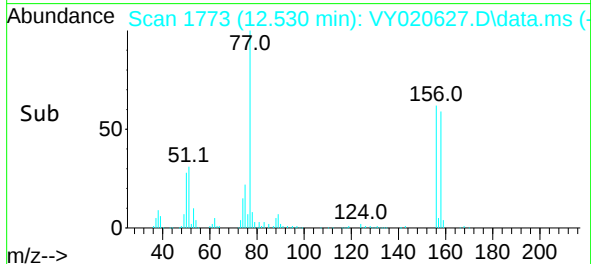
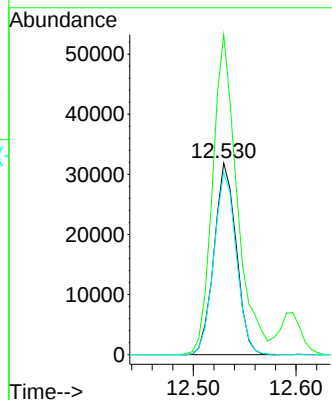
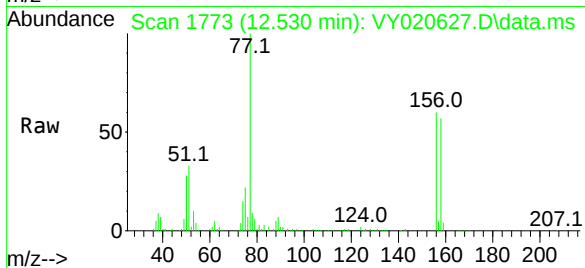
MSVOA_Y

ClientSampleId :

VY1218SBS01

Tgt Ion:156 Resp: 47727

Ion	Ratio	Lower	Upper
156	100		
77	184.7	94.2	282.4
158	96.3	48.9	146.6



#78

n-propylbenzene

Concen: 20.224 ug/l

RT: 12.597 min Scan# 1784

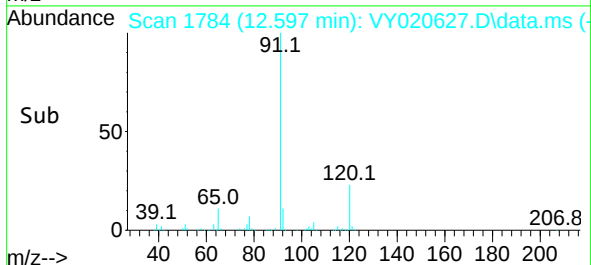
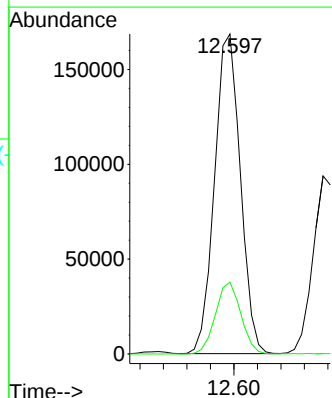
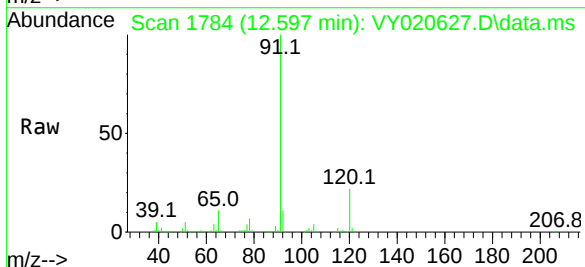
Delta R.T. 0.000 min

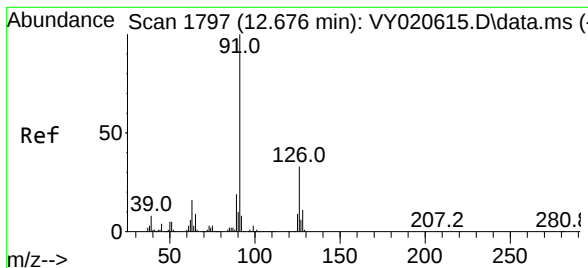
Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Tgt Ion: 91 Resp: 256750

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1

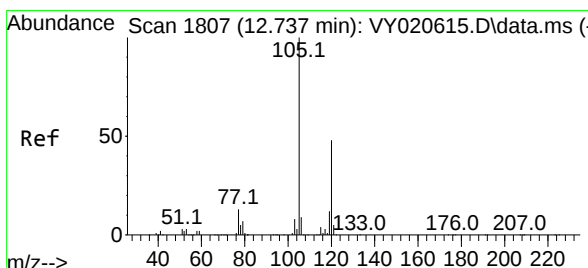
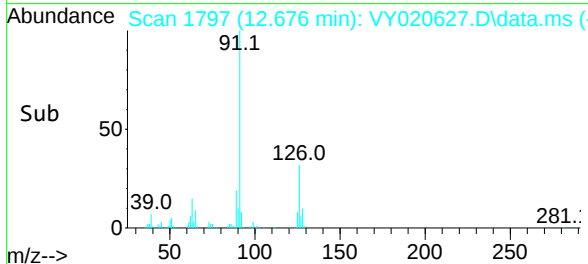
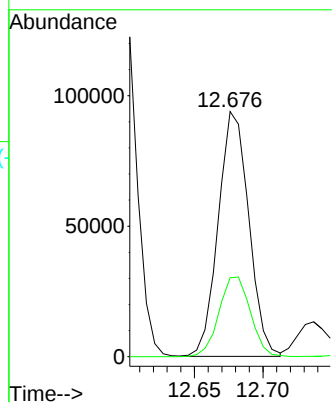
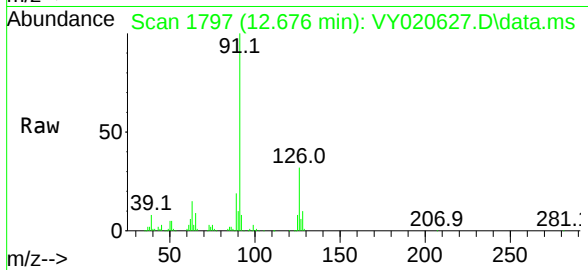




#79
2-Chlorotoluene
Concen: 20.423 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

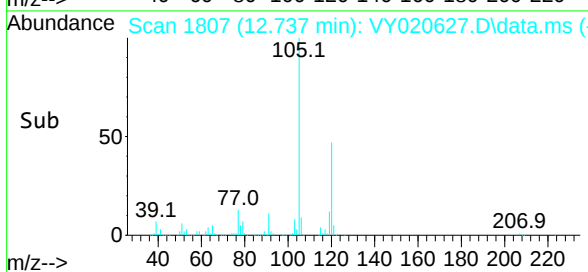
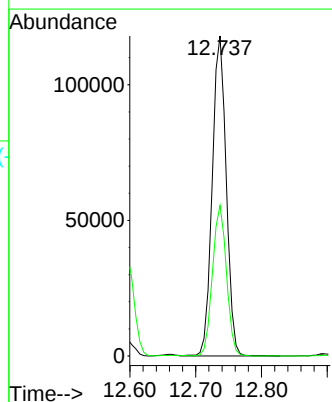
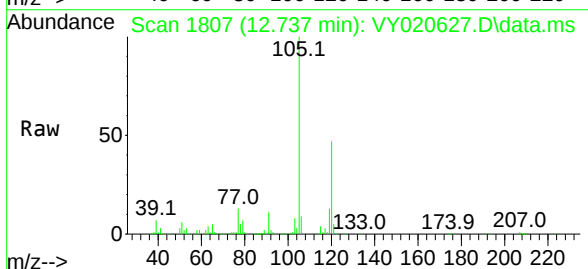
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBSD01

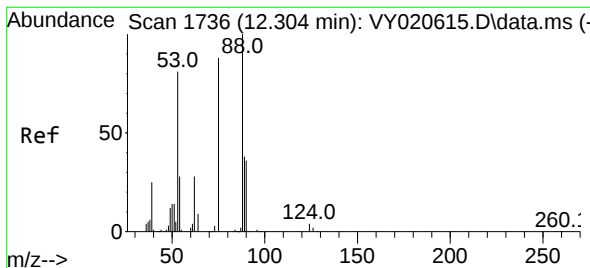
Tgt Ion: 91 Resp: 145869
Ion Ratio Lower Upper
91 100
126 33.5 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 20.447 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion: 105 Resp: 174821
Ion Ratio Lower Upper
105 100
120 47.0 23.9 71.7

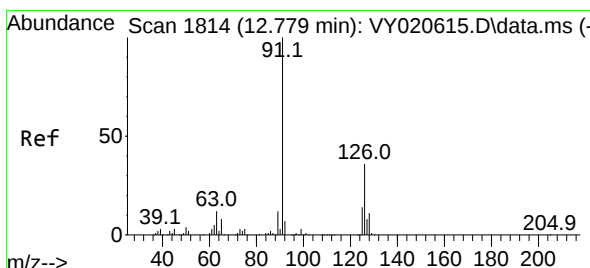
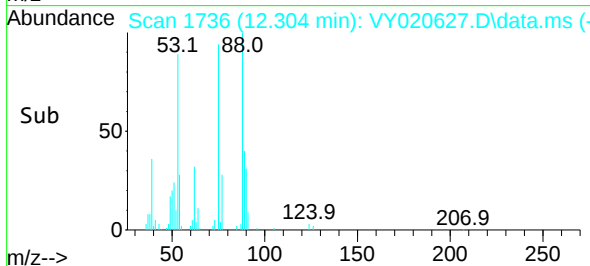
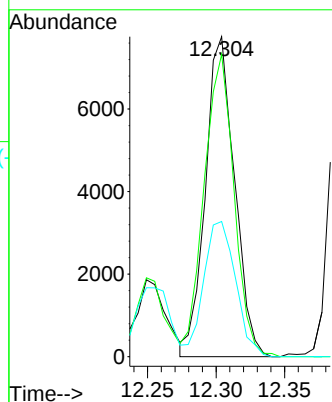
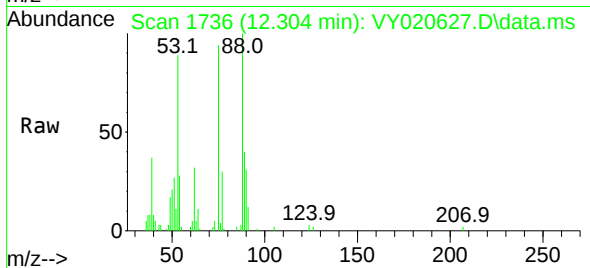




#81
trans-1,4-Dichloro-2-butene
Concen: 19.219 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

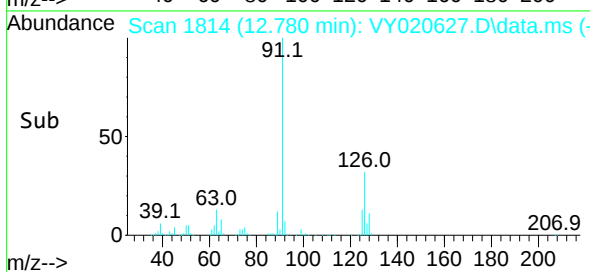
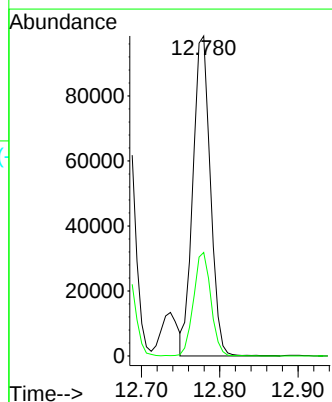
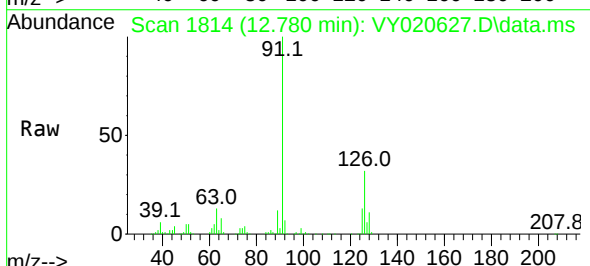
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBS01

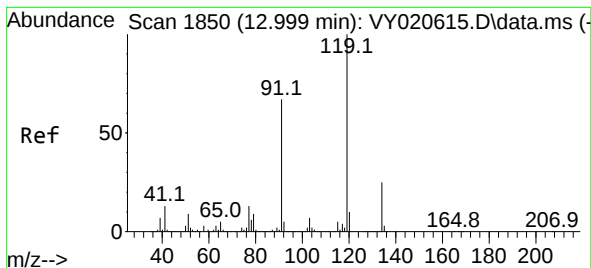
Tgt Ion:	75	Resp:	11485
Ion	Ratio	Lower	Upper
75	100		
53	96.6	75.4	113.2
89	46.4	37.0	55.4



#82
4-Chlorotoluene
Concen: 20.606 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion:	91	Resp:	152691
Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.6	49.7





#83

tert-Butylbenzene

Concen: 20.640 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1218SBS01

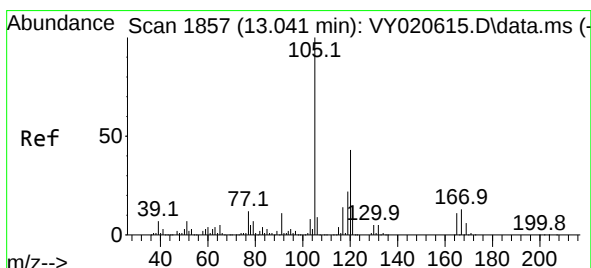
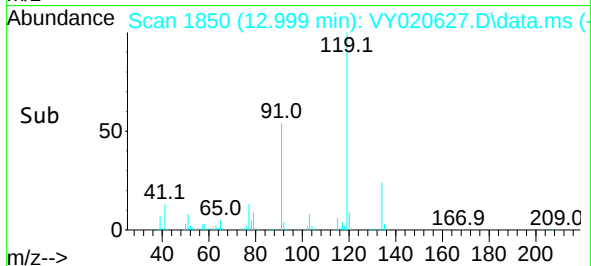
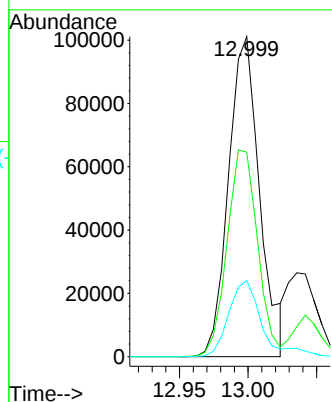
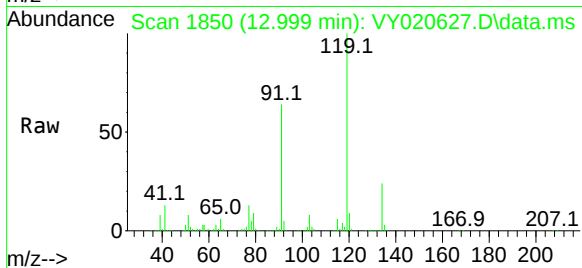
Tgt Ion:119 Resp: 159815

Ion Ratio Lower Upper

119 100

91 63.6 32.9 98.6

134 25.3 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 20.483 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY020627.D

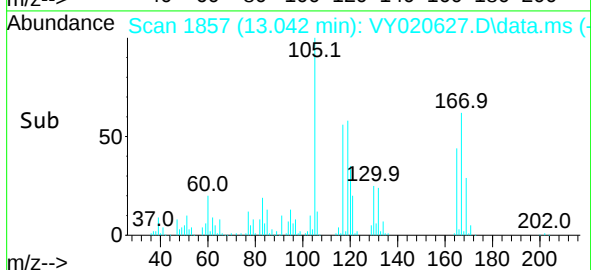
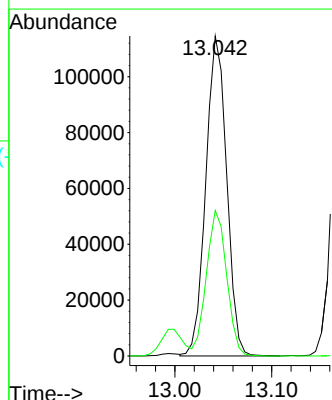
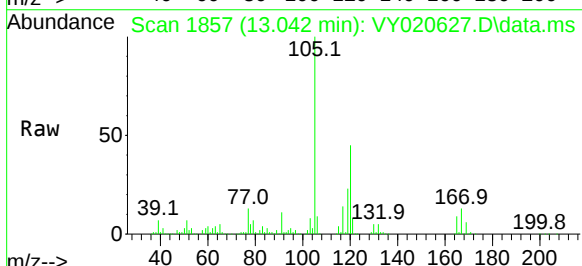
Acq: 18 Dec 2024 11:42

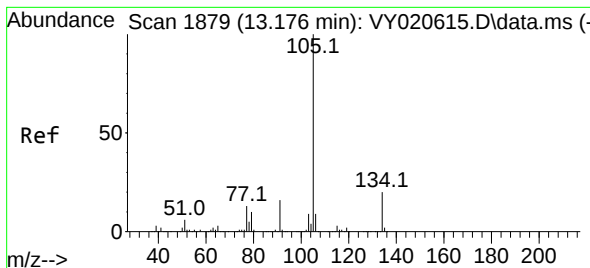
Tgt Ion:105 Resp: 171781

Ion Ratio Lower Upper

105 100

120 44.2 21.8 65.4





#85

sec-Butylbenzene

Concen: 20.180 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

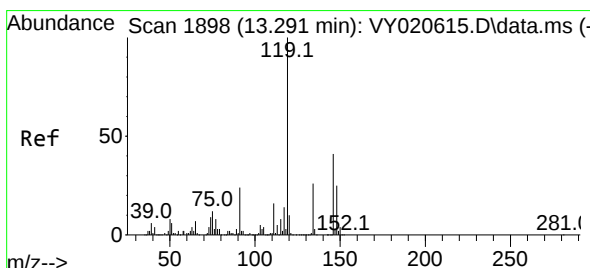
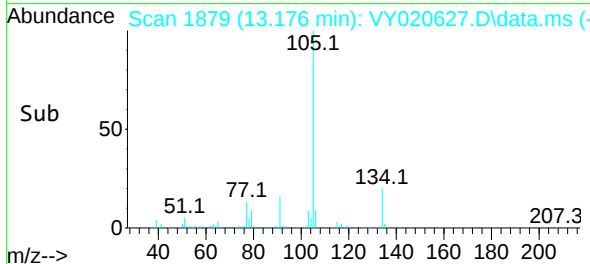
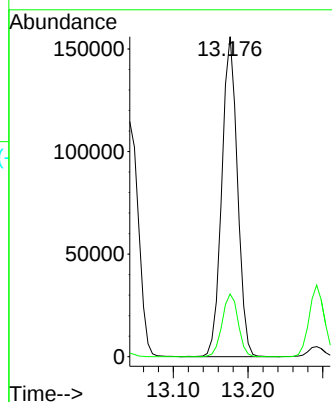
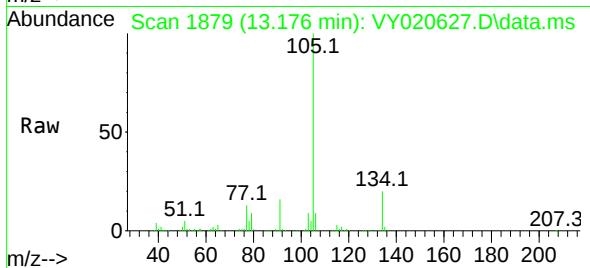
VY1218SBS01

Tgt Ion:105 Resp: 227197

Ion Ratio Lower Upper

105 100

134 19.9 10.0 30.0



#86

p-Isopropyltoluene

Concen: 20.296 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

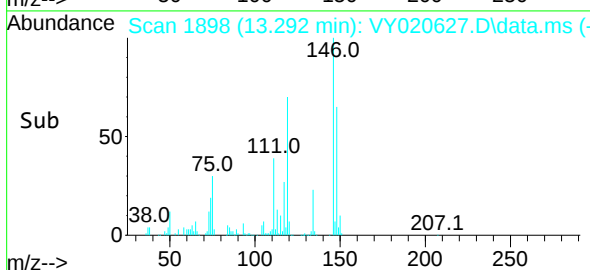
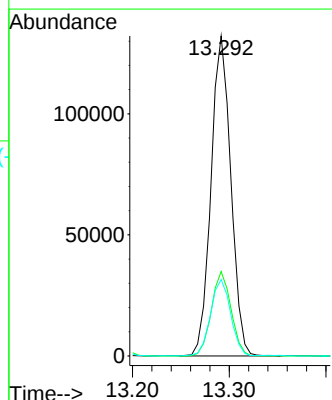
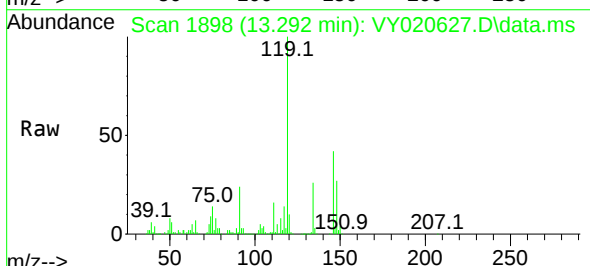
Tgt Ion:119 Resp: 188392

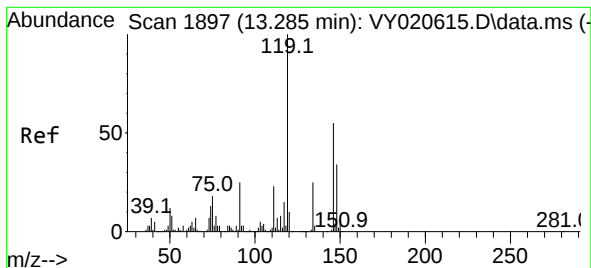
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

91 24.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.214 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1218SBSD01

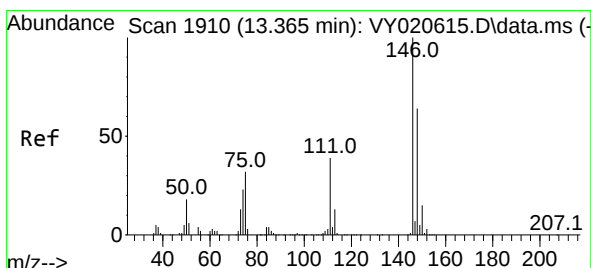
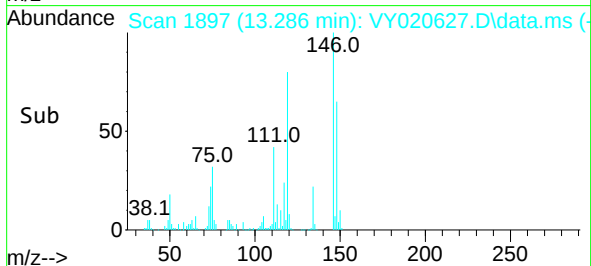
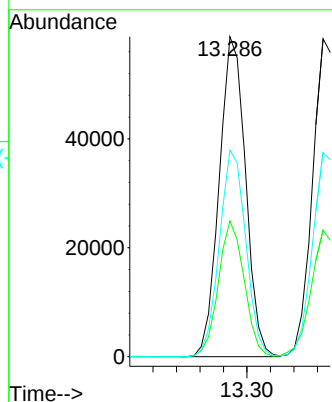
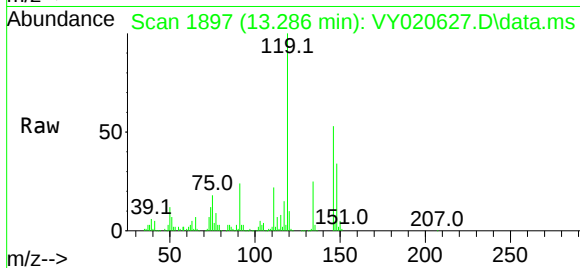
Tgt Ion:146 Resp: 91586

Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.8

148 64.8 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 20.289 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

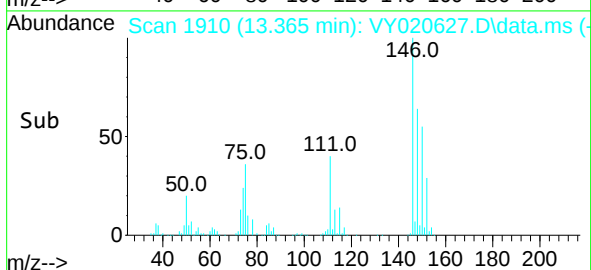
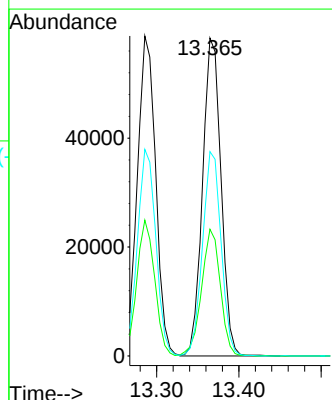
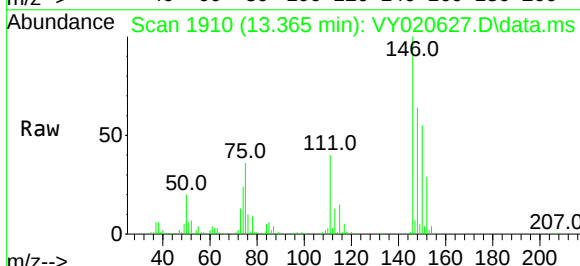
Tgt Ion:146 Resp: 91045

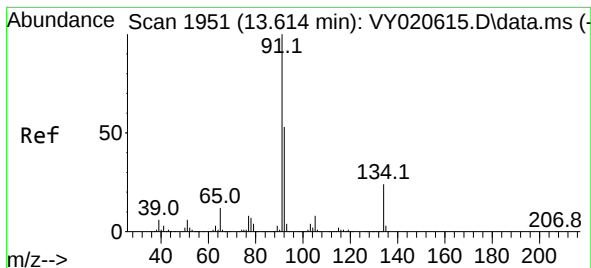
Ion Ratio Lower Upper

146 100

111 40.6 19.6 58.7

148 64.7 31.9 95.5





#89

n-Butylbenzene

Concen: 19.840 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1218SBS01

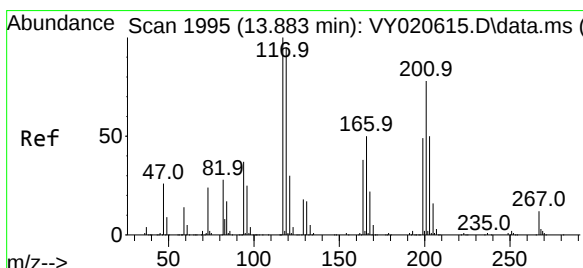
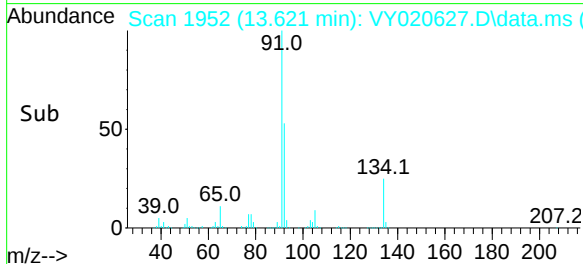
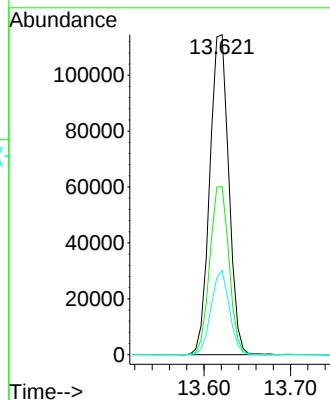
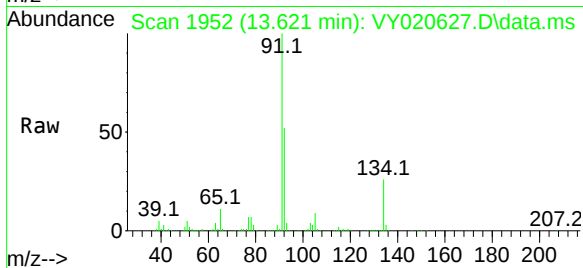
Tgt Ion: 91 Resp: 174537

Ion Ratio Lower Upper

91 100

92 52.9 26.8 80.4

134 25.4 12.5 37.5



#90

Hexachloroethane

Concen: 20.123 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020627.D

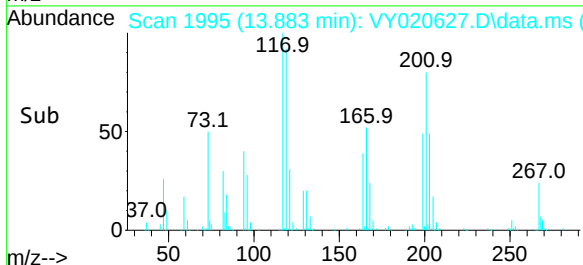
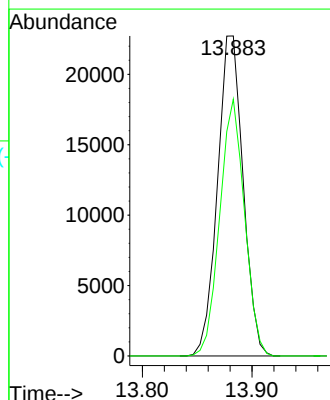
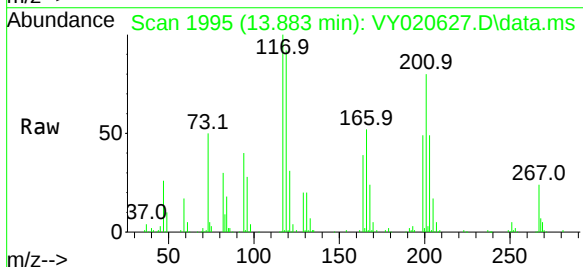
Acq: 18 Dec 2024 11:42

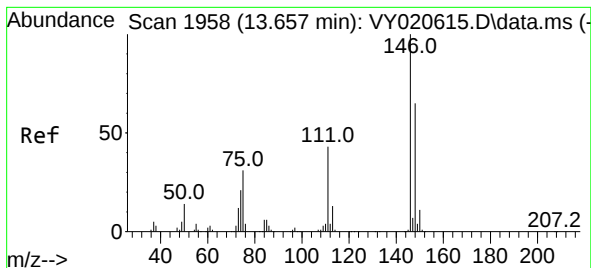
Tgt Ion: 117 Resp: 37017

Ion Ratio Lower Upper

117 100

201 77.3 39.1 117.3

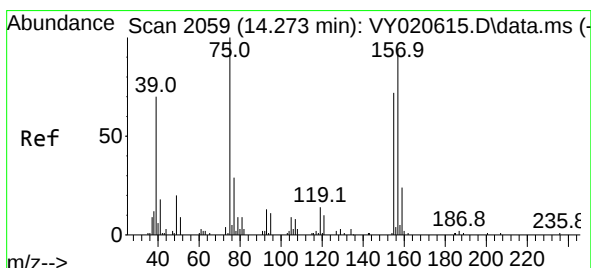
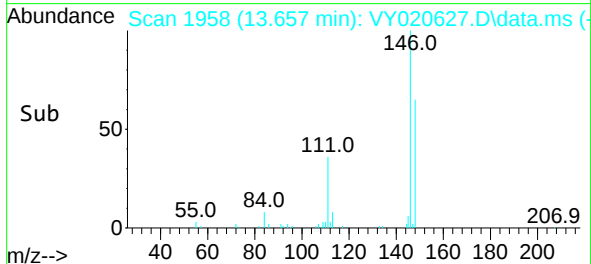
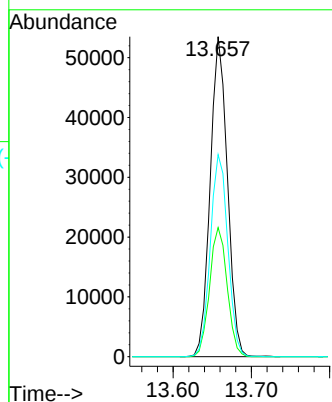
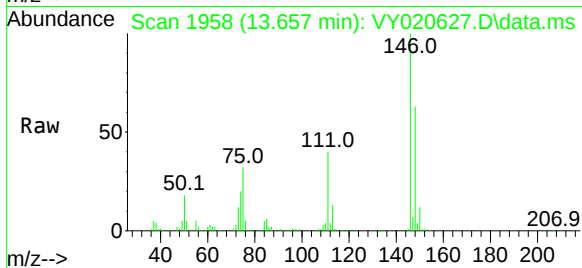




#91
1,2-Dichlorobenzene
Concen: 20.777 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

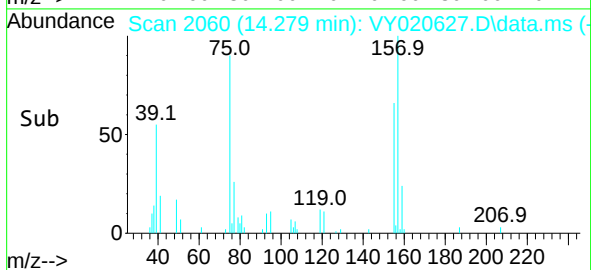
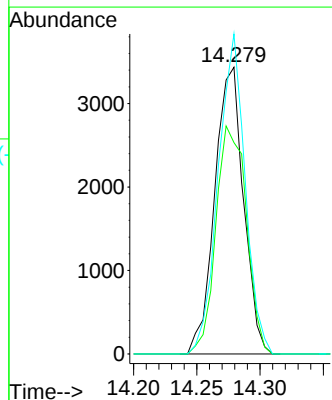
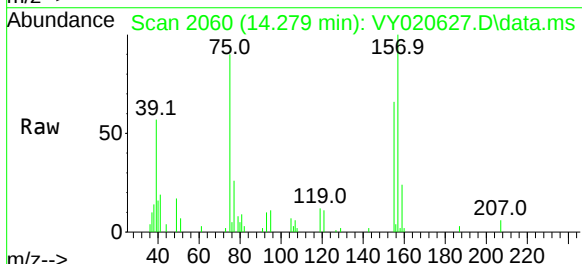
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBSD01

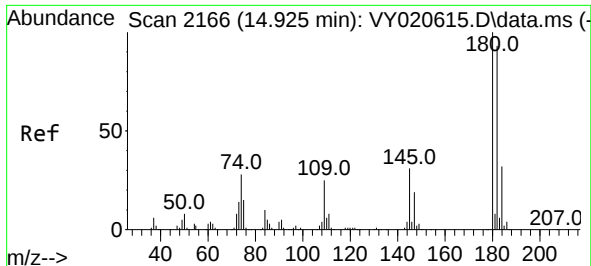
Tgt Ion:	146	Resp:	81563
Ion Ratio	Lower	Upper	
146	100		
111	41.1	21.3	63.7
148	64.4	32.0	96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.612 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY020627.D
Acq: 18 Dec 2024 11:42

Tgt Ion:	75	Resp:	5446
Ion Ratio	Lower	Upper	
75	100		
155	83.8	41.1	123.3
157	103.9	52.9	158.8

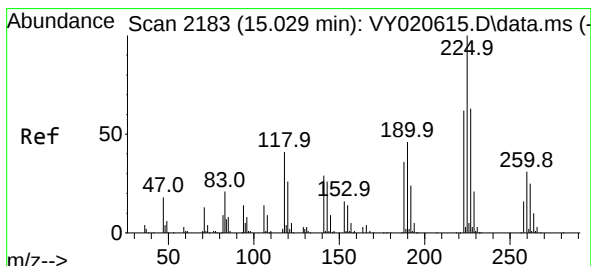
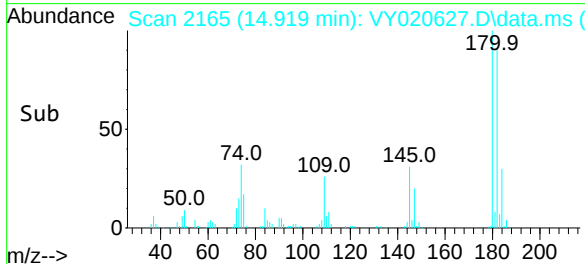
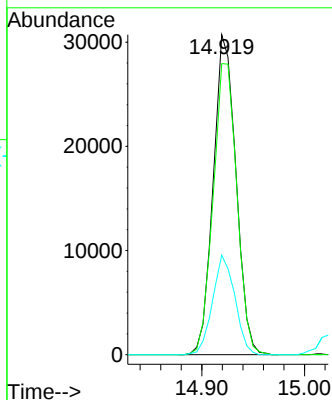
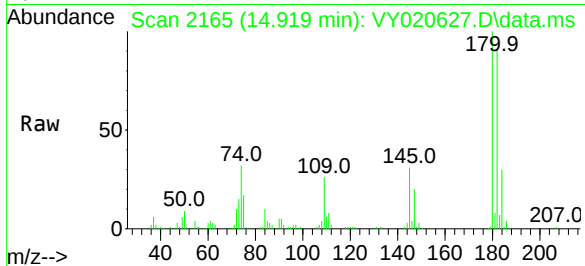




#93
 1,2,4-Trichlorobenzene
 Concen: 19.833 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY020627.D
 Acq: 18 Dec 2024 11:42

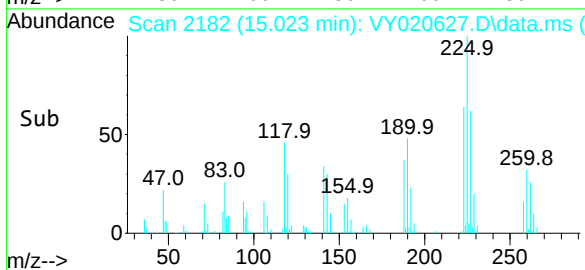
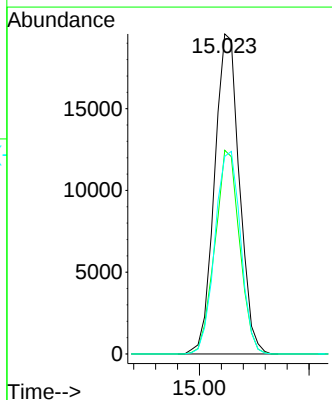
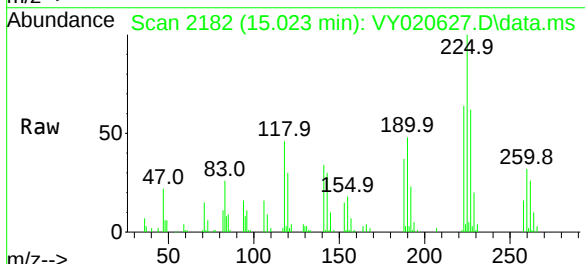
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1218SBS01

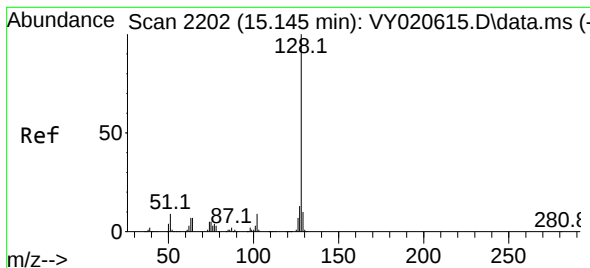
Tgt Ion:180 Resp: 47095
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.6
 145 30.6 15.6 46.7



#94
 Hexachlorobutadiene
 Concen: 19.841 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY020627.D
 Acq: 18 Dec 2024 11:42

Tgt Ion:225 Resp: 30799
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.8 95.3
 227 65.4 32.2 96.6





#95

Naphthalene

Concen: 19.926 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1218SBSD01

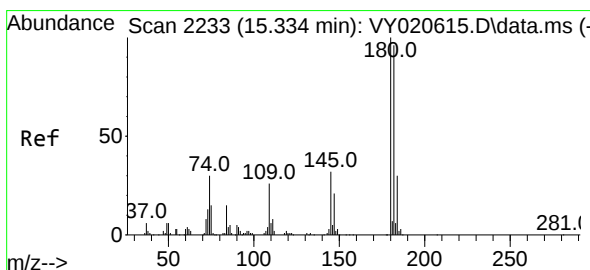
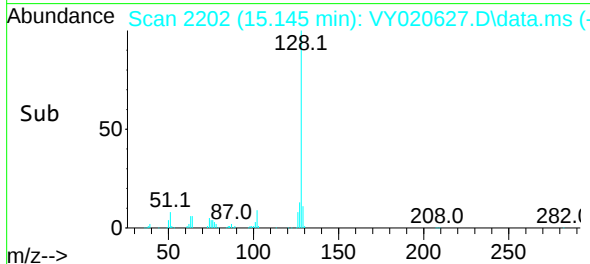
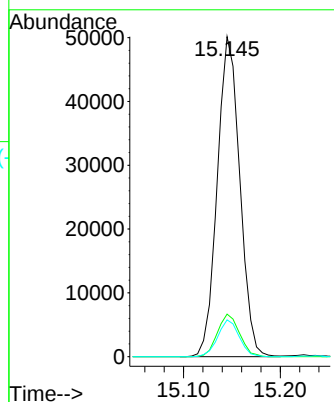
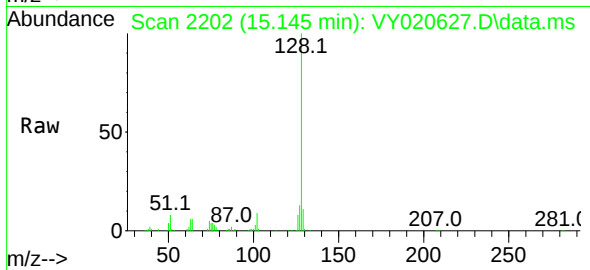
Tgt Ion:128 Resp: 81118

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.0 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 20.088 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020627.D

Acq: 18 Dec 2024 11:42

Tgt Ion:180 Resp: 40302

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.9

145 32.1 16.0 48.0

